Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
Data File : PQ062031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2023 00:26
Operator : YP\AJ
Sample : 03533-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
1674

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:33:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.405	2.759	59938380	34116633	12.287	13.597	
2)	SA Decachlor...	8.583	7.529	40278229	56282898	11.088	16.891	#
	Target Compounds							
3)	L1 AR-1016-1	4.505	3.756	8317978	27625424	50.498	279.114	#
4)	L1 AR-1016-2	4.526	3.778	14301482	9833691	57.838	68.195	
5)	L1 AR-1016-3	4.586	3.934	29458402	9708086	193.289	128.682	#
6)	L1 AR-1016-4	4.692	3.977	39132023	31735381	312.194	483.188	#
7)	L1 AR-1016-5	4.963	4.182	16261865	12779689	133.604	155.885	
8)	L2 AR-1221-1	3.593	2.962	10099512	4104824	168.023	124.402	#
9)	L2 AR-1221-2	3.684	3.039	8249068	6948625	183.587	273.567	#
10)	L2 AR-1221-3	3.754	3.105	28396544	18096642	202.084	234.744	
11)	L3 AR-1232-1	3.754	3.105	28396544	18096642	268.903	315.830	
12)	L3 AR-1232-2	4.246	3.778	19645807	9833691	332.129	147.753	#
13)	L3 AR-1232-3	4.526	3.934	14301482	9708086	126.472	280.946	#
14)	L3 AR-1232-4	4.692	4.026	39132023	94839512	690.568	3188.974	#
15)	L3 AR-1232-5	4.755	4.182	146.0E6	12779689	3646.657	358.367	#
16)	L4 AR-1242-1	4.505	3.756	8317978	27625424	63.640	357.199	#
17)	L4 AR-1242-2	4.526	3.778	14301482	9833691	73.666	88.465	
18)	L4 AR-1242-3	4.586	3.934	29458402	9708086	243.772	165.735	#
19)	L4 AR-1242-4	4.692	4.026	39132023	94839512	401.413	1617.644	#
20)	L4 AR-1242-5	5.393	4.518	70011010	46620345	731.338	562.419	
21)	L5 AR-1248-1	4.505	3.756	8317978	27625424	79.997	441.863	#
22)	L5 AR-1248-2	4.755	3.977	146.0E6	31735381	1016.612	338.443	#
23)	L5 AR-1248-3	4.963	4.026	16261865	94839512	93.614	1047.444	#
24)	L5 AR-1248-4	5.339	4.182	101.3E6	12779689	527.796	113.256	#
25)	L5 AR-1248-5	5.393	4.561	70011010	19668907	386.540	175.564	#
26)	L6 AR-1254-1	5.339	4.518	101.3E6	46620345	545.148	288.737	#
27)	L6 AR-1254-2	5.548	4.655	108.9E6	66303634	374.722	450.357	
28)	L6 AR-1254-3	5.912	5.054	15776644	43196226	51.366	184.835	#
29)	L6 AR-1254-4	6.168	5.259	52191497	21116369	224.776	138.546	#
30)	L6 AR-1254-5	6.587	5.696	37251446	19075584	145.021	82.651	#
31)	L7 AR-1260-1	6.058	5.177	13159784	15212638	55.778	91.338	#
32)	L7 AR-1260-2	6.315	5.346	22987735	11977614	79.594	57.600	#
33)	L7 AR-1260-3	6.664	5.491	9041475	4807611	51.204	24.710	#
34)	L7 AR-1260-4	6.918f	5.959	47467543	835916	225.339	5.731	#
35)	L7 AR-1260-5	7.207	6.218	210.7E6	14616830	513.117	44.019	#
36)	L8 AR-1262-1	6.664	5.726	9041475	3255842	29.650	14.005	#
37)	L8 AR-1262-2	7.207	5.959	210.7E6	835916	400.010	3.866	#
38)	L8 AR-1262-3	7.506f	6.498	43395873	2716026	123.178	15.580	#
39)	L8 AR-1262-4	7.563	6.534	9808794	25779383	36.776	79.987	#
40)	L8 AR-1262-5	8.057	7.059	29285049	10421533	164.978	67.186	#
41)	L9 AR-1268-1	7.506f	6.498	43395873	2716026	76.471	5.772	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
Data File : PQ062031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2023 00:26
Operator : YP\AJ
Sample : 03533-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
1674

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:33:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.563	6.534	9808794	25779383	19.238	60.843 #
43)	L9 AR-1268-3	7.713	6.735	-29012817	29053395	N.D.	78.881 #
44)	L9 AR-1268-4	8.057	7.059	29285049	10421533	160.041	65.161 #
45)	L9 AR-1268-5	8.373	7.329	5479747	10214202	4.346	8.753 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
Data File : PQ062031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2023 00:26
Operator : YP\AJ
Sample : 03533-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
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1674

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:33:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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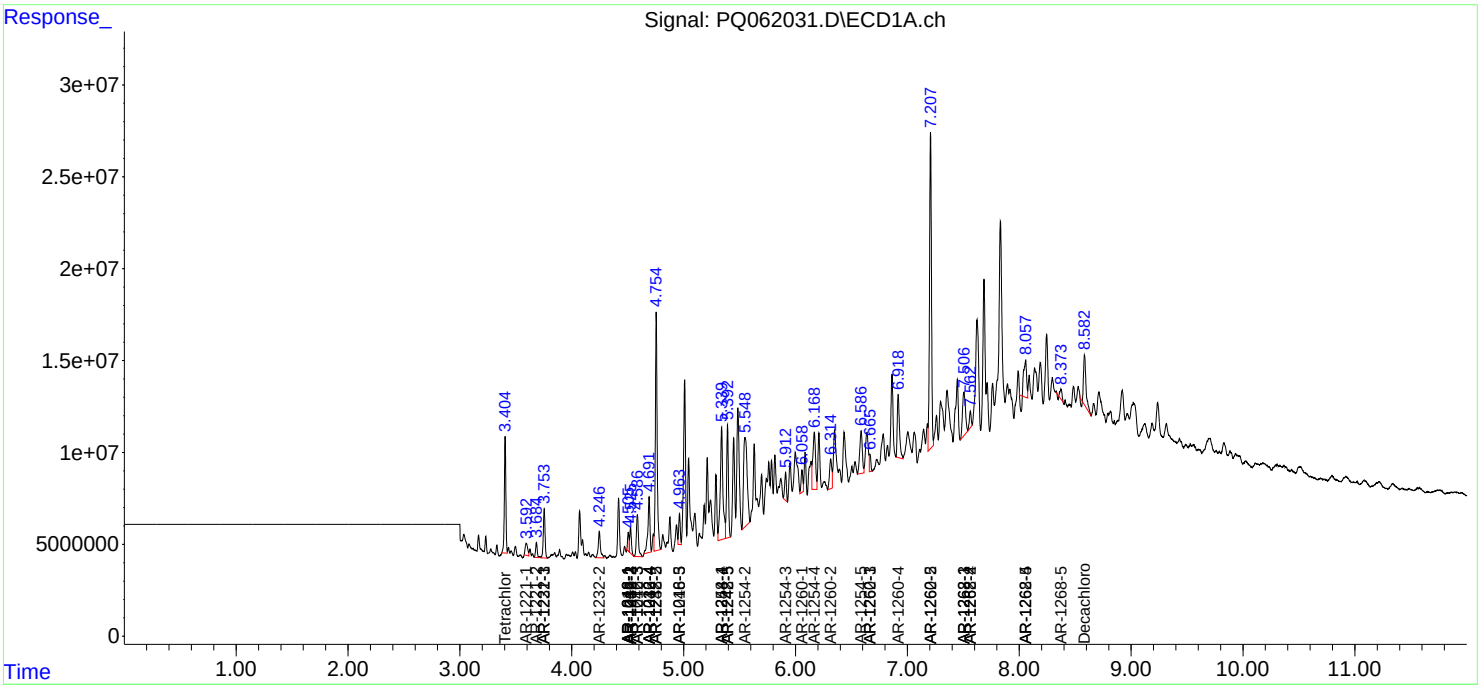
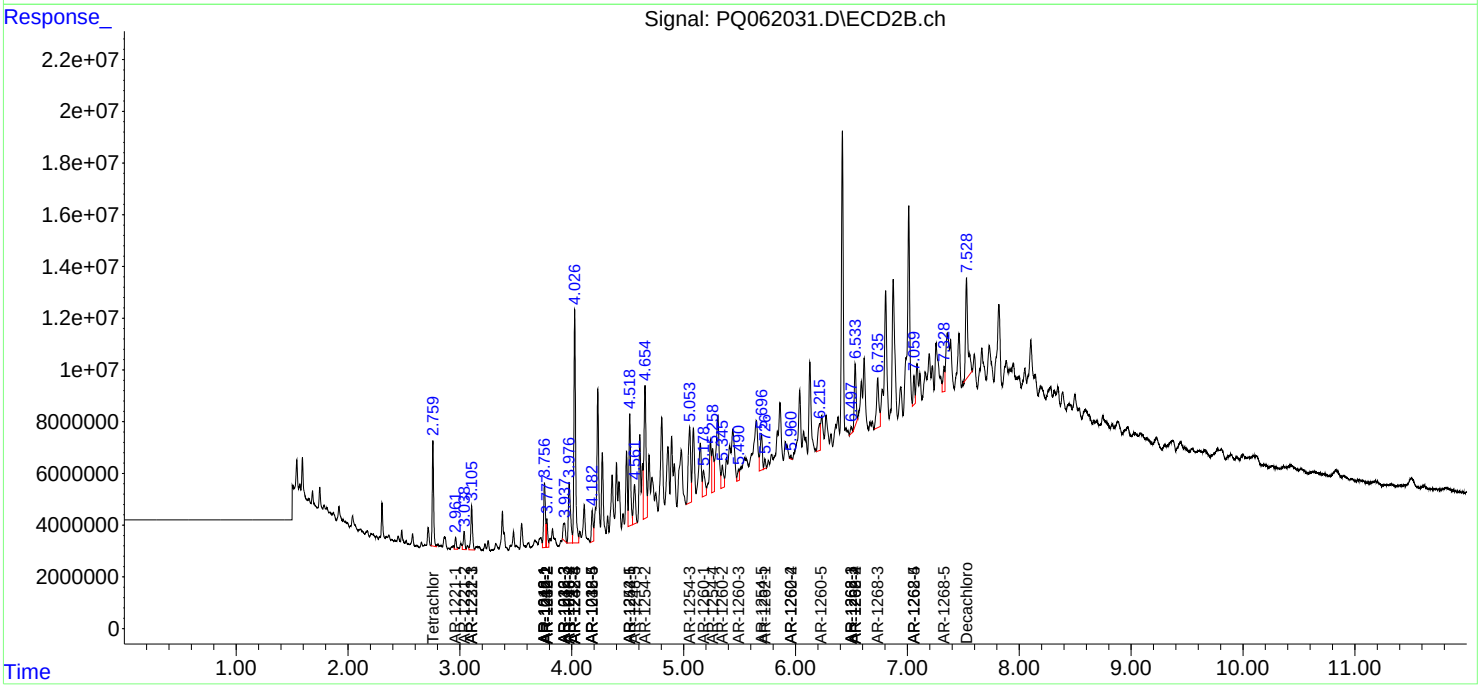
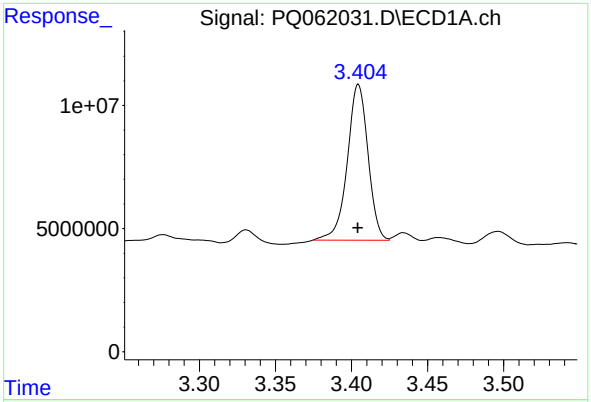
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



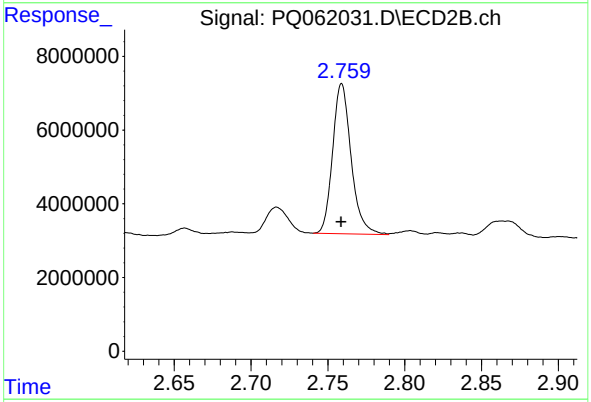




#1 Tetrachloro-m-xylene

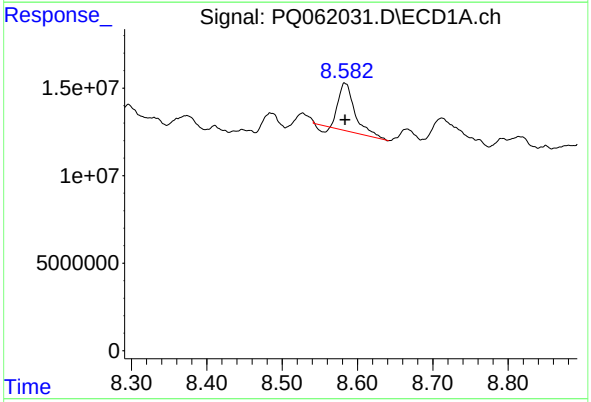
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 59938380
Conc: 12.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



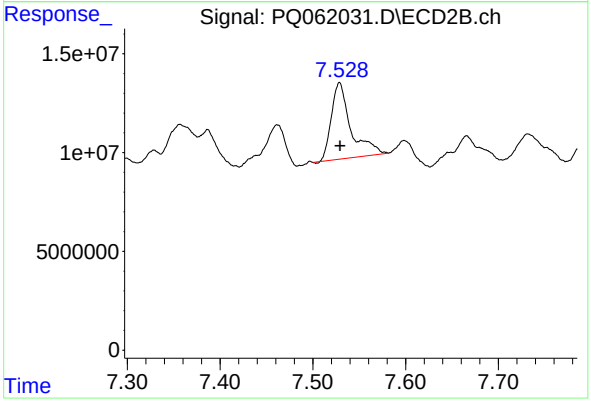
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 34116633
Conc: 13.60 ng/ml



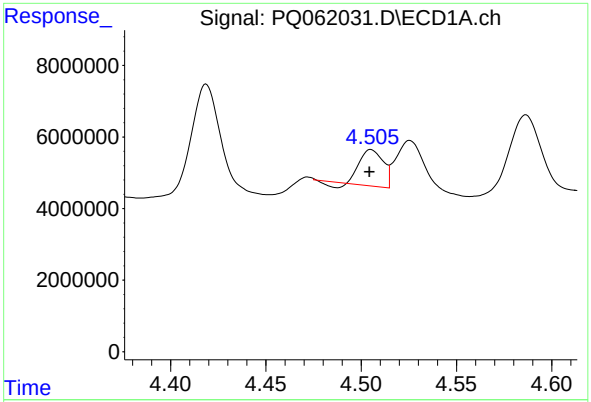
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 40278229
Conc: 11.09 ng/ml



#2 Decachlorobiphenyl

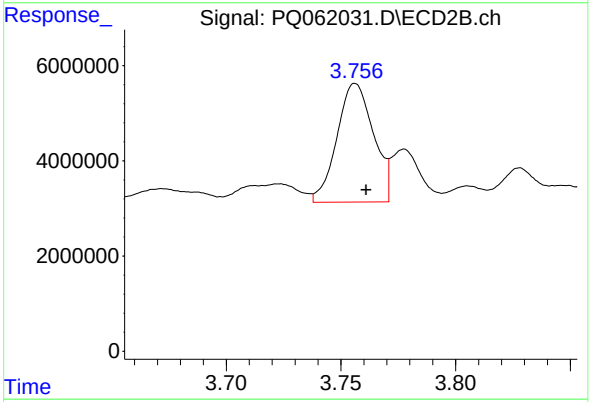
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 56282898
Conc: 16.89 ng/ml



#3 AR-1016-1

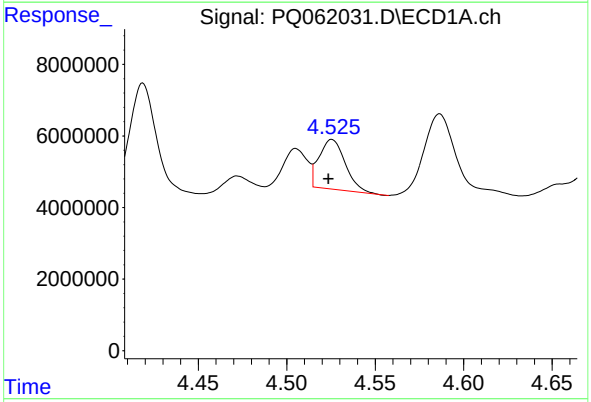
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 8317978
Conc: 50.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



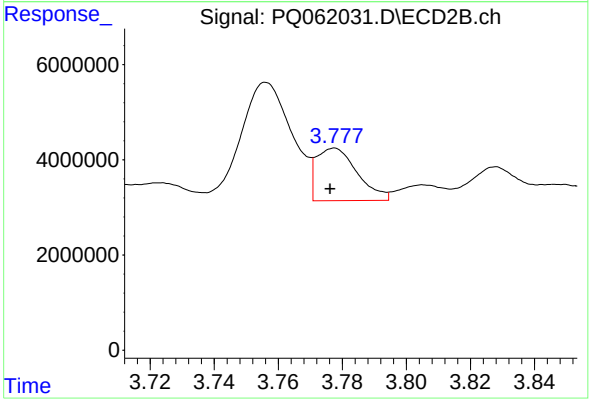
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 27625424
Conc: 279.11 ng/ml



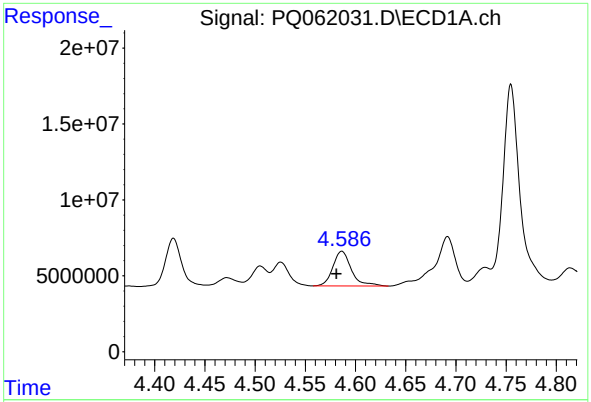
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 14301482
Conc: 57.84 ng/ml



#4 AR-1016-2

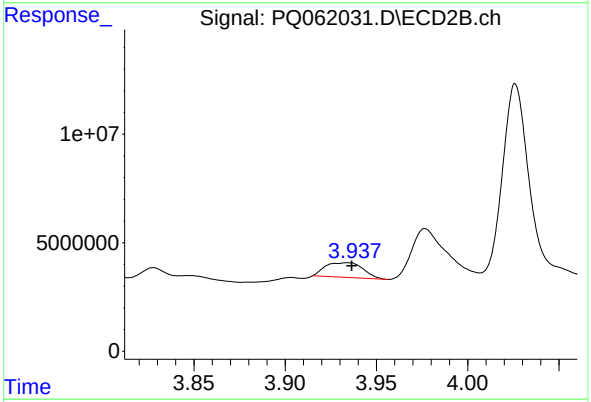
R.T.: 3.778 min
Delta R.T.: 0.001 min
Response: 9833691
Conc: 68.20 ng/ml



#5 AR-1016-3

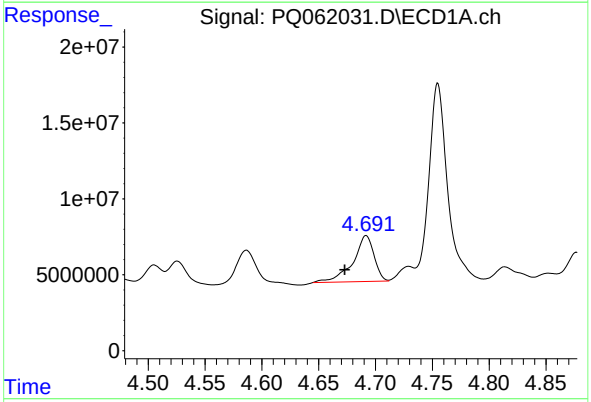
R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 29458402
Conc: 193.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



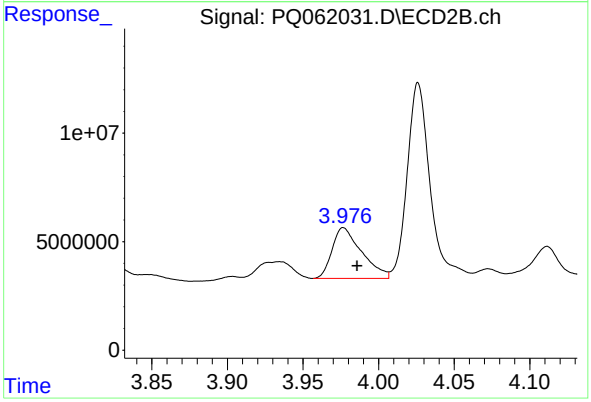
#5 AR-1016-3

R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 9708086
Conc: 128.68 ng/ml



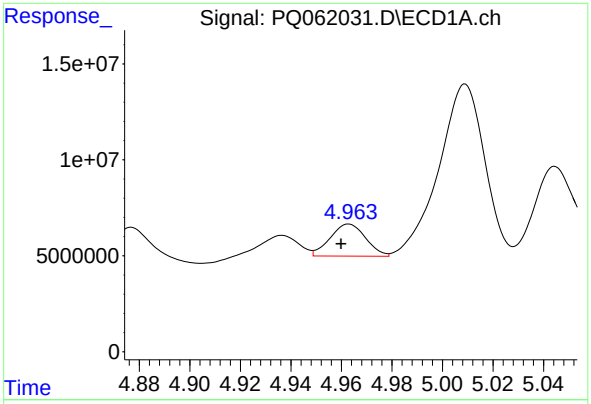
#6 AR-1016-4

R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 39132023
Conc: 312.19 ng/ml



#6 AR-1016-4

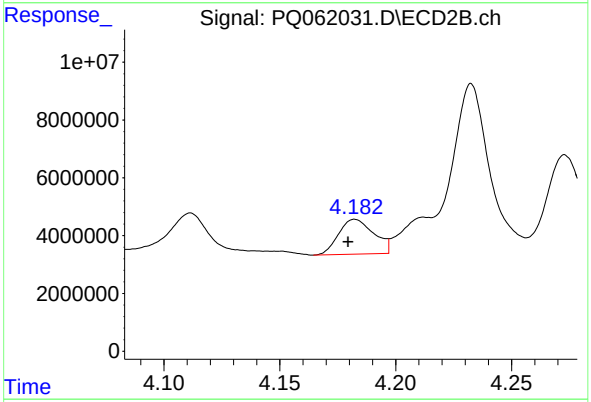
R.T.: 3.977 min
Delta R.T.: -0.009 min
Response: 31735381
Conc: 483.19 ng/ml



#7 AR-1016-5

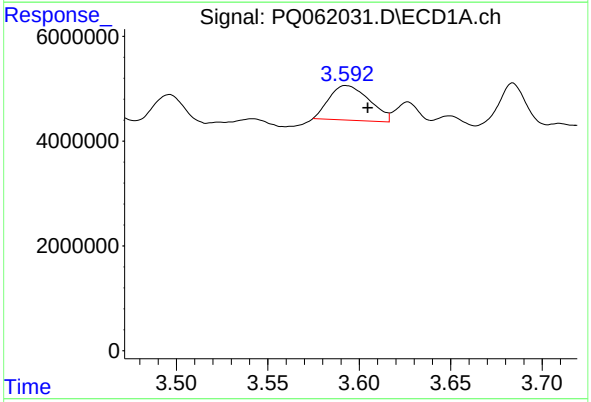
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 16261865
Conc: 133.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



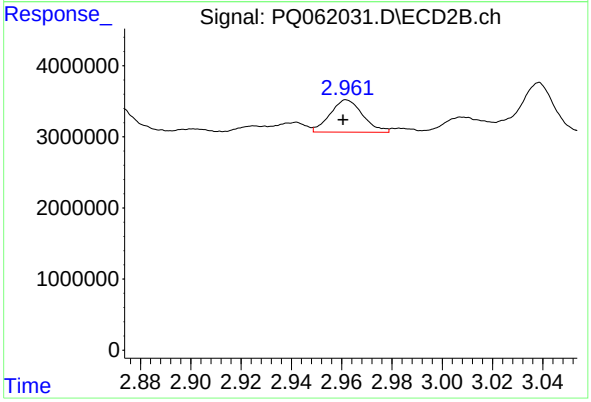
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.003 min
Response: 12779689
Conc: 155.88 ng/ml



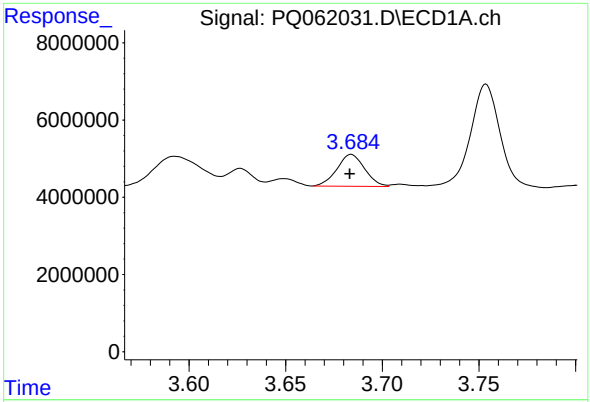
#8 AR-1221-1

R.T.: 3.593 min
Delta R.T.: -0.012 min
Response: 10099512
Conc: 168.02 ng/ml



#8 AR-1221-1

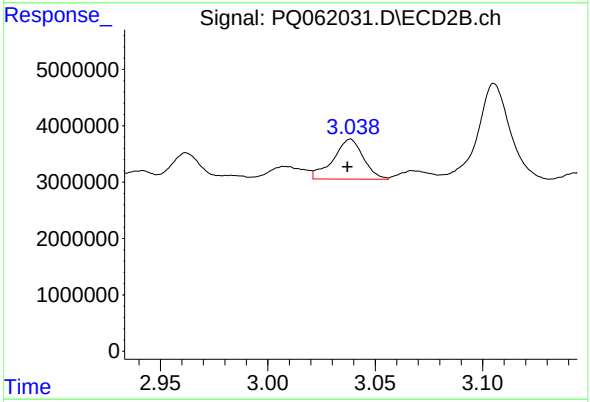
R.T.: 2.962 min
Delta R.T.: 0.001 min
Response: 4104824
Conc: 124.40 ng/ml



#9 AR-1221-2

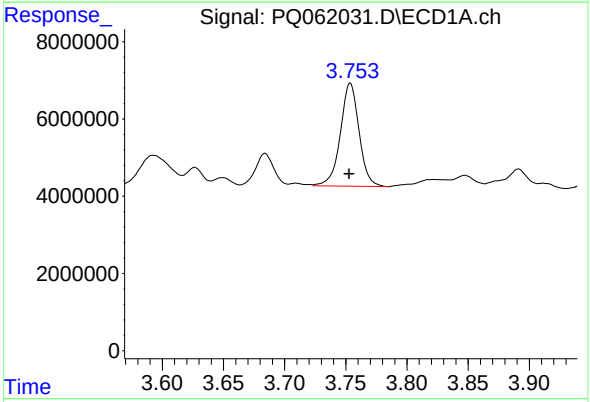
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 8249068
Conc: 183.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



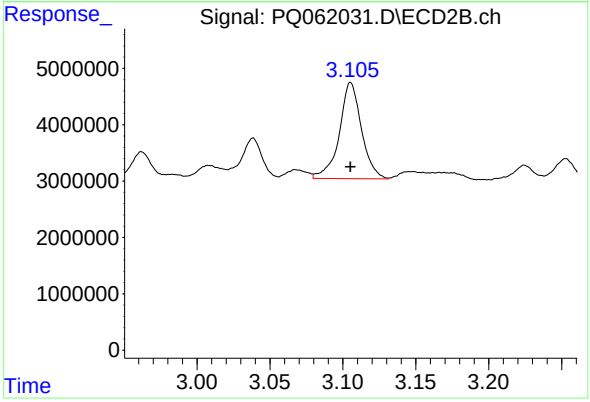
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.001 min
Response: 6948625
Conc: 273.57 ng/ml



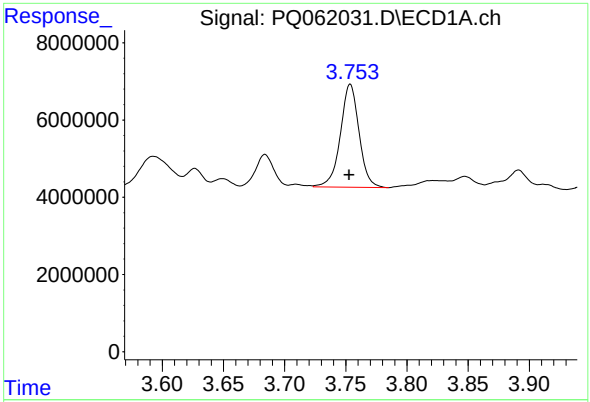
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 28396544
Conc: 202.08 ng/ml



#10 AR-1221-3

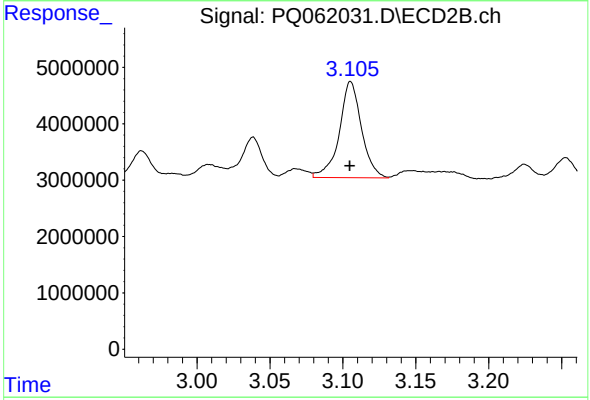
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 18096642
Conc: 234.74 ng/ml



#11 AR-1232-1

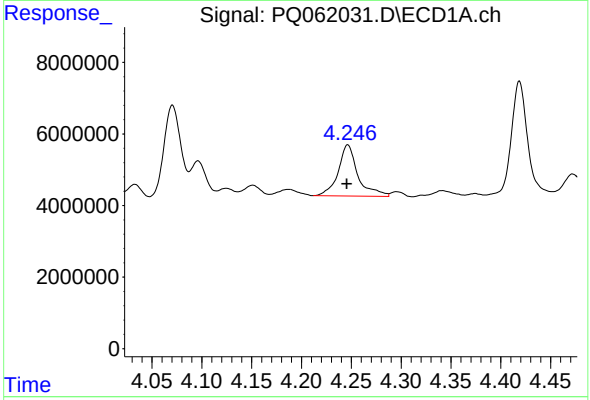
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 28396544
Conc: 268.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



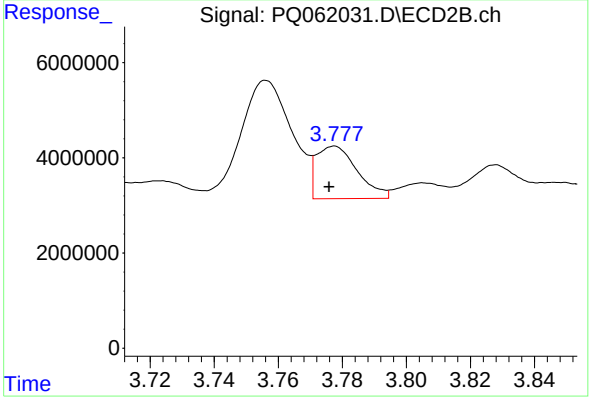
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 18096642
Conc: 315.83 ng/ml



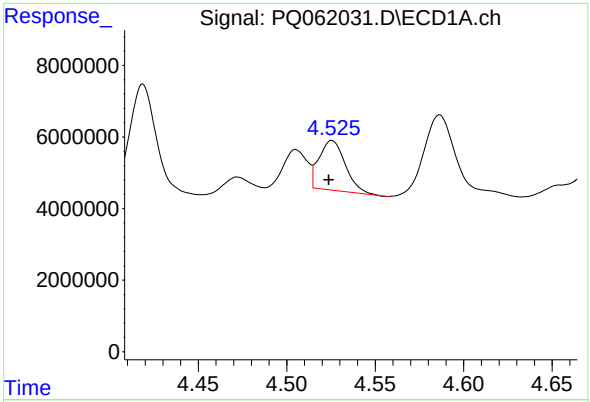
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 19645807
Conc: 332.13 ng/ml



#12 AR-1232-2

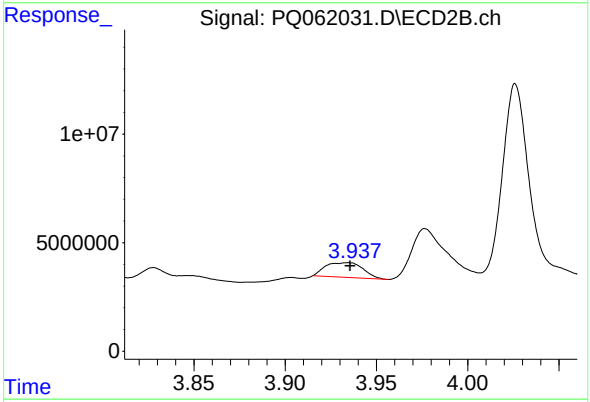
R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 9833691
Conc: 147.75 ng/ml



#13 AR-1232-3

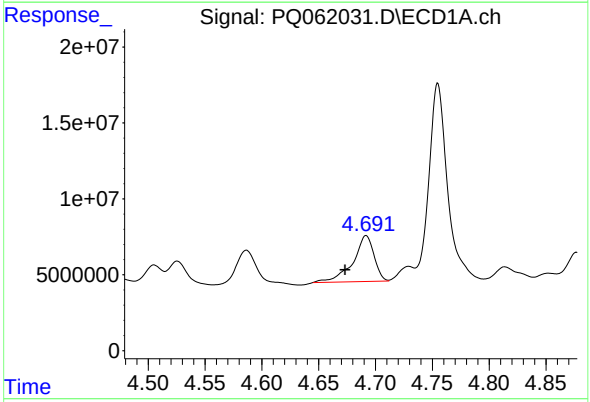
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 14301482
Conc: 126.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



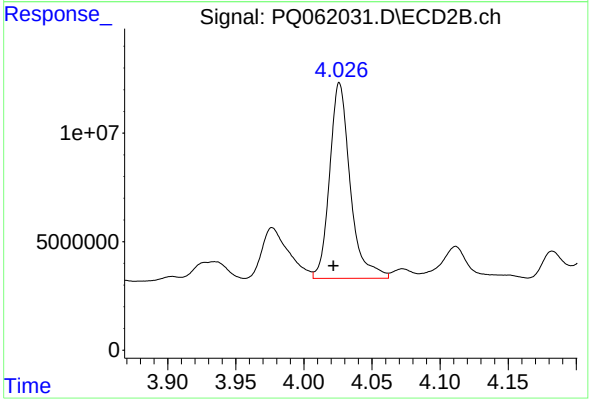
#13 AR-1232-3

R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 9708086
Conc: 280.95 ng/ml



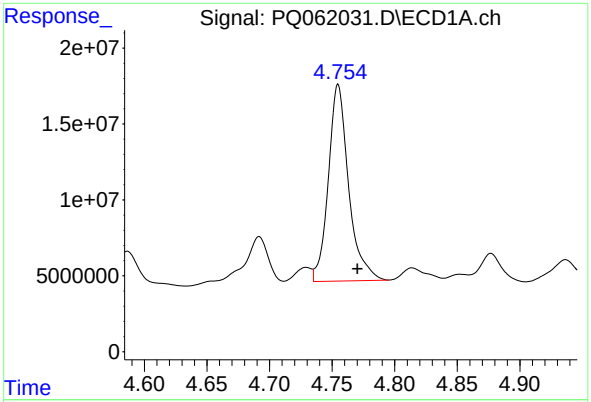
#14 AR-1232-4

R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 39132023
Conc: 690.57 ng/ml



#14 AR-1232-4

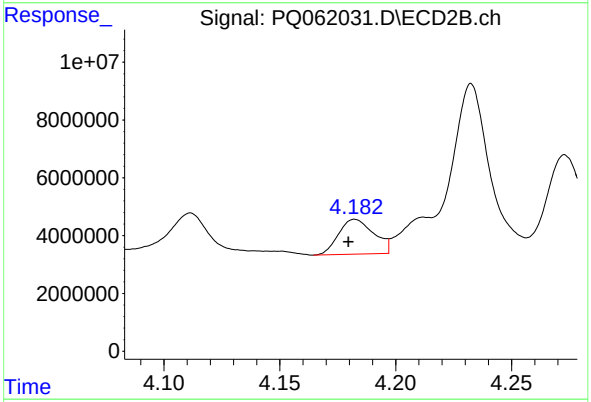
R.T.: 4.026 min
Delta R.T.: 0.004 min
Response: 94839512
Conc: 3188.97 ng/ml



#15 AR-1232-5

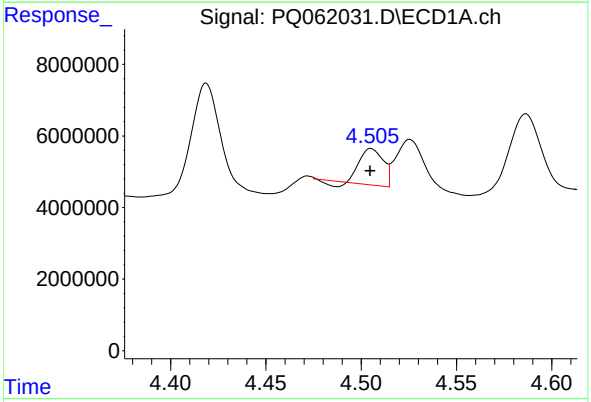
R.T.: 4.755 min
Delta R.T.: -0.015 min
Response: 146048632
Conc: 3646.66 ng/m

Instrument :
ECD_Q
ClientSampleId :
1674



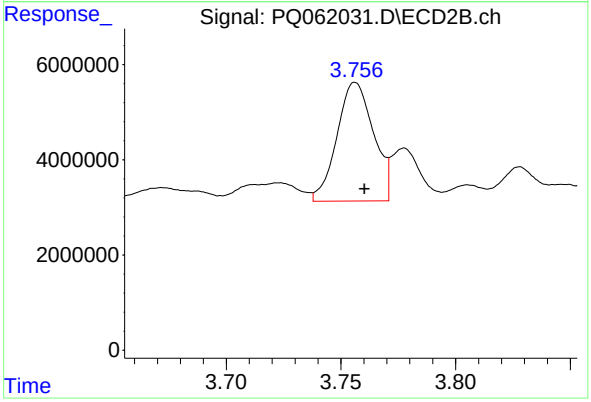
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: 0.003 min
Response: 12779689
Conc: 358.37 ng/ml



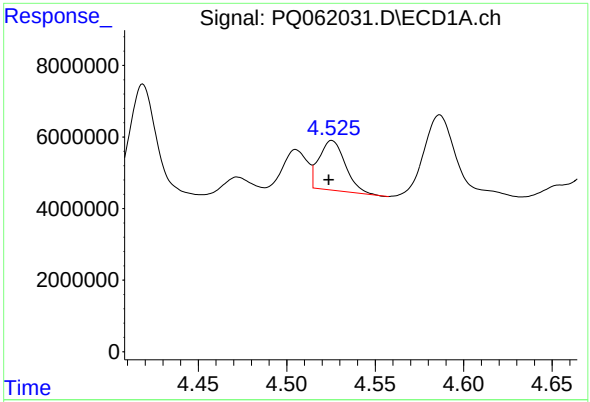
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 8317978
Conc: 63.64 ng/ml



#16 AR-1242-1

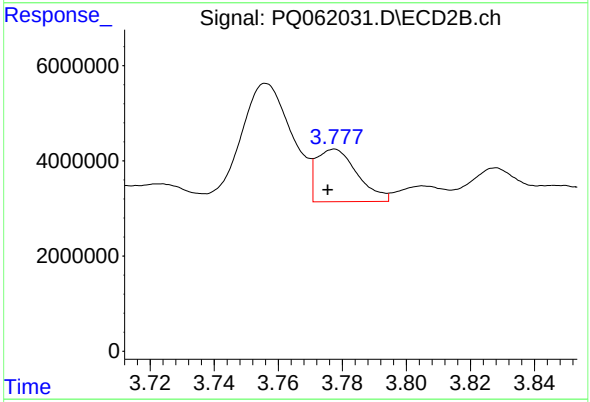
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 27625424
Conc: 357.20 ng/ml



#17 AR-1242-2

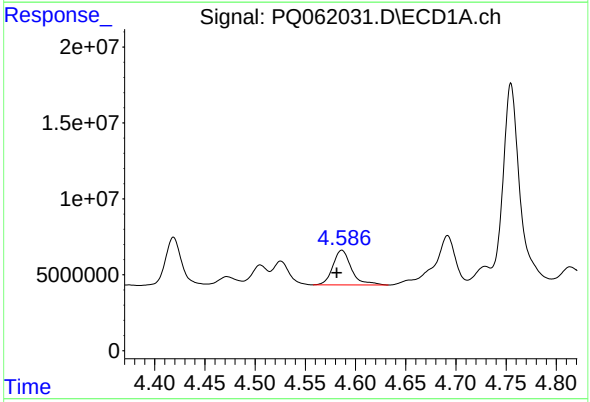
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 14301482
Conc: 73.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



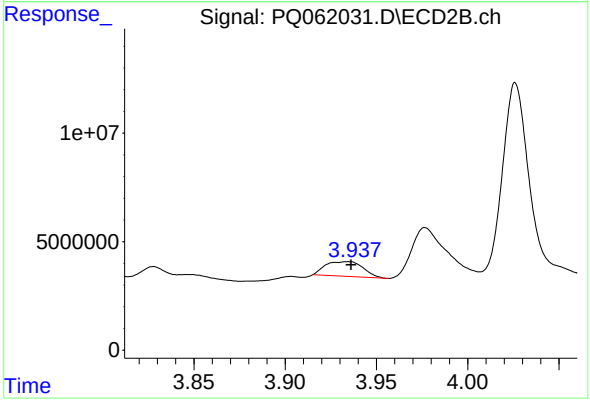
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 9833691
Conc: 88.47 ng/ml



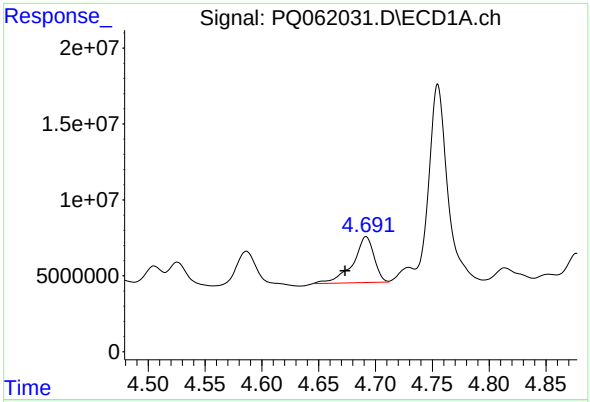
#18 AR-1242-3

R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 29458402
Conc: 243.77 ng/ml



#18 AR-1242-3

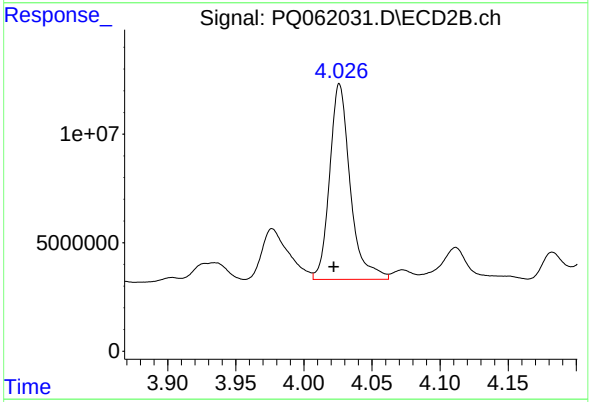
R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 9708086
Conc: 165.73 ng/ml



#19 AR-1242-4

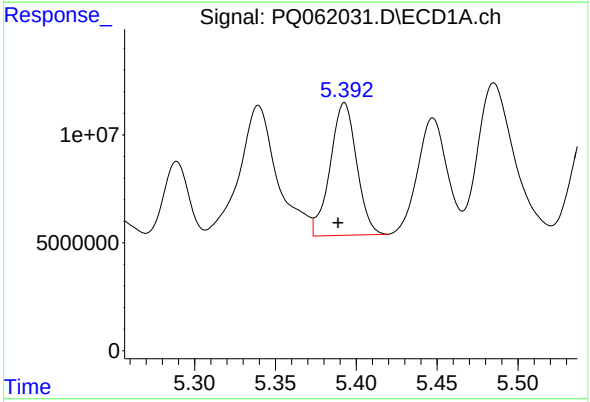
R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 39132023
Conc: 401.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



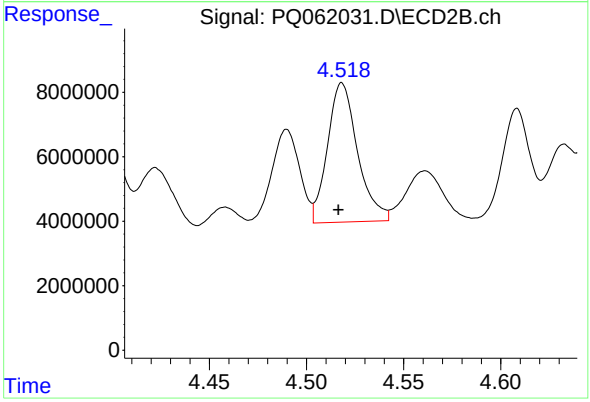
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: 0.004 min
Response: 94839512
Conc: 1617.64 ng/ml



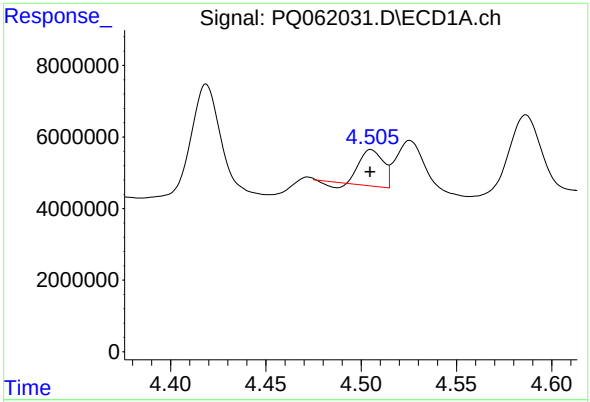
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 70011010
Conc: 731.34 ng/ml



#20 AR-1242-5

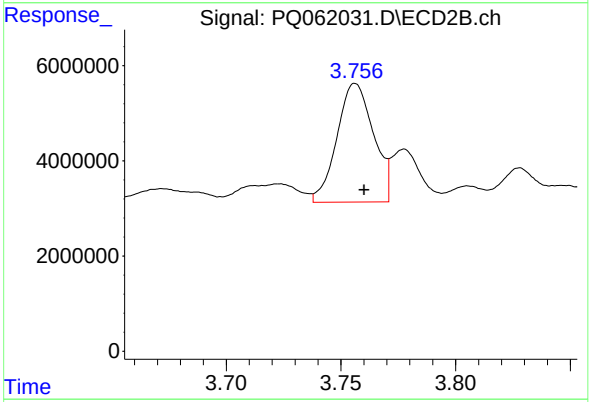
R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 46620345
Conc: 562.42 ng/ml



#21 AR-1248-1

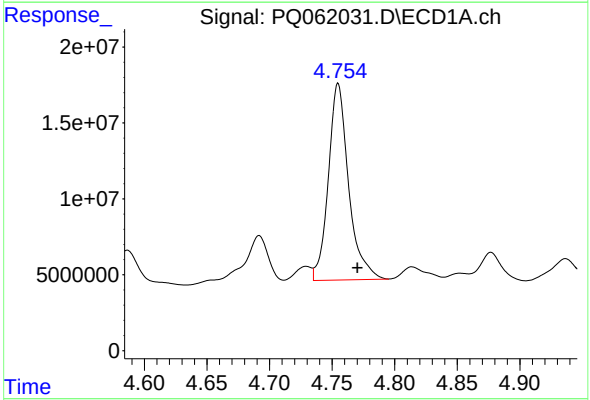
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 8317978
Conc: 80.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



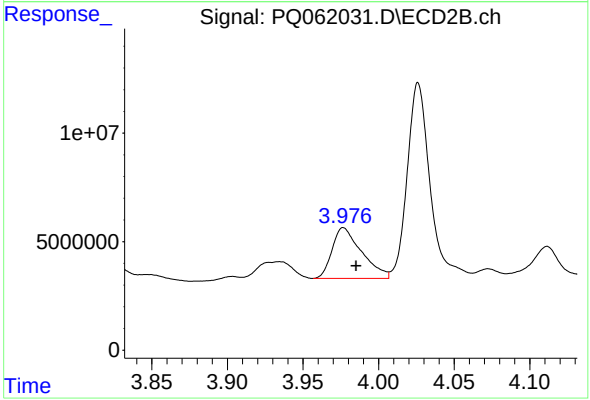
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 27625424
Conc: 441.86 ng/ml



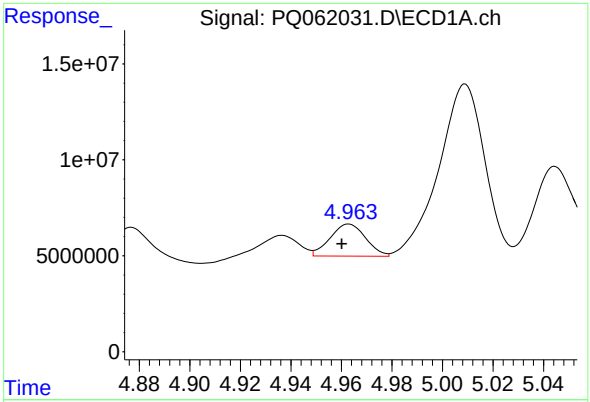
#22 AR-1248-2

R.T.: 4.755 min
Delta R.T.: -0.015 min
Response: 146048632
Conc: 1016.61 ng/ml



#22 AR-1248-2

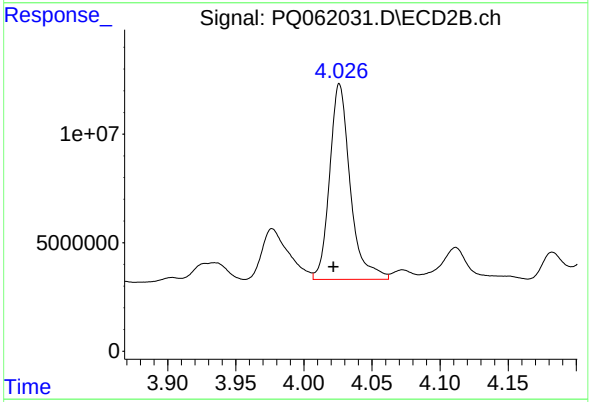
R.T.: 3.977 min
Delta R.T.: -0.008 min
Response: 31735381
Conc: 338.44 ng/ml



#23 AR-1248-3

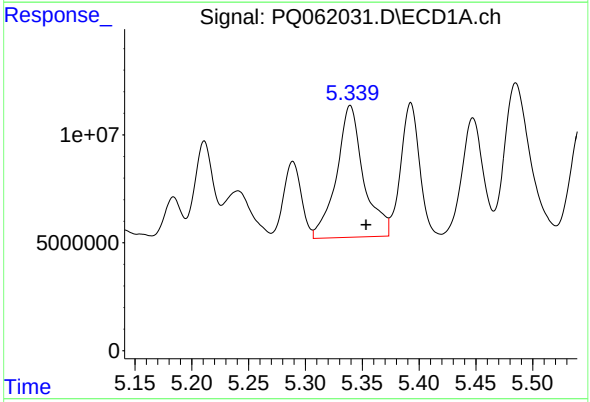
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 16261865
Conc: 93.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



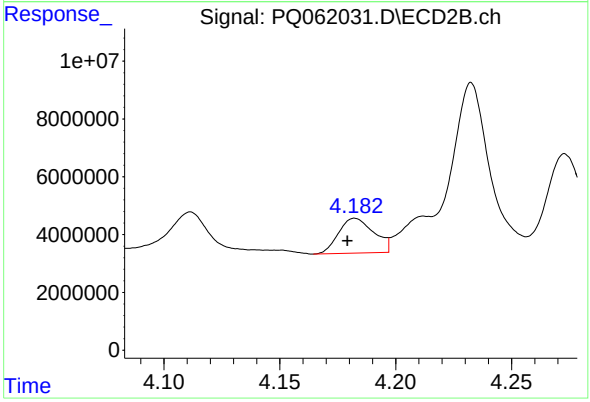
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: 0.005 min
Response: 94839512
Conc: 1047.44 ng/ml



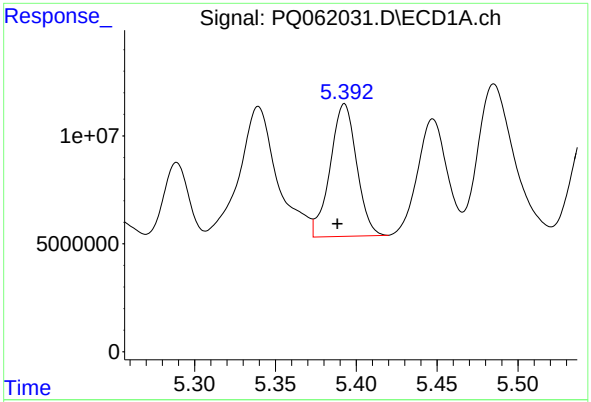
#24 AR-1248-4

R.T.: 5.339 min
Delta R.T.: -0.014 min
Response: 101300153
Conc: 527.80 ng/ml



#24 AR-1248-4

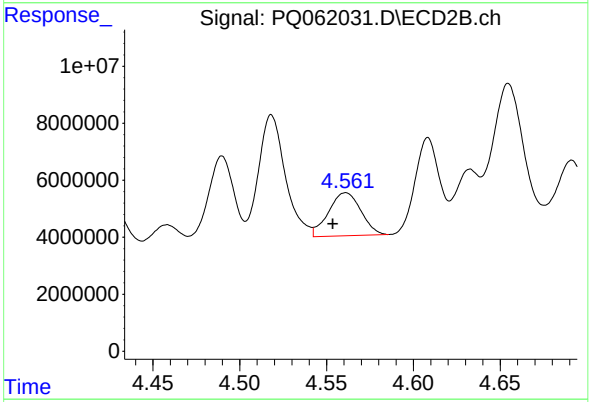
R.T.: 4.182 min
Delta R.T.: 0.003 min
Response: 12779689
Conc: 113.26 ng/ml



#25 AR-1248-5

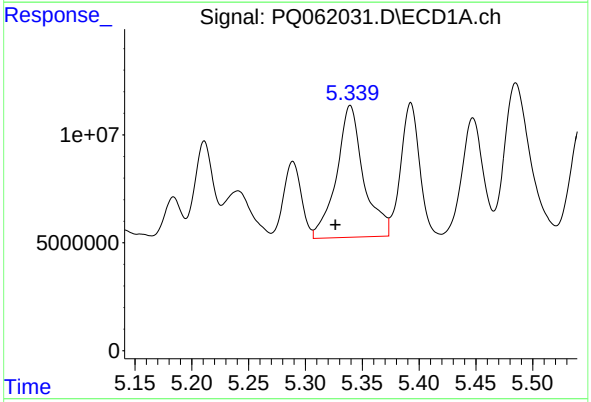
R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 70011010
Conc: 386.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



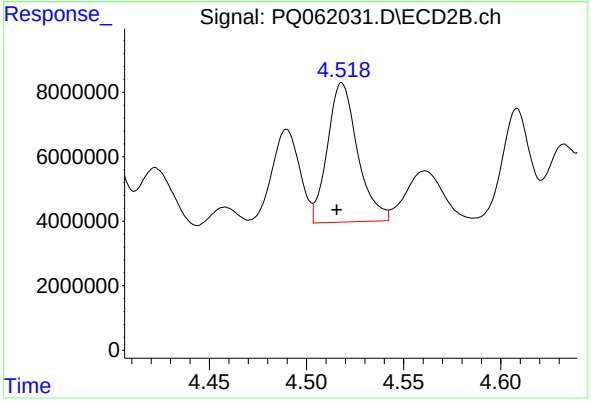
#25 AR-1248-5

R.T.: 4.561 min
Delta R.T.: 0.008 min
Response: 19668907
Conc: 175.56 ng/ml



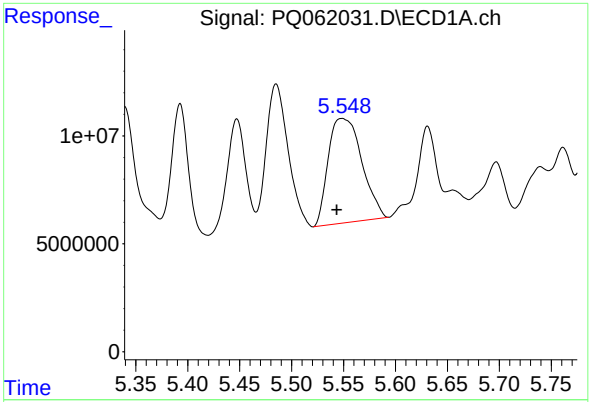
#26 AR-1254-1

R.T.: 5.339 min
Delta R.T.: 0.013 min
Response: 101300153
Conc: 545.15 ng/ml



#26 AR-1254-1

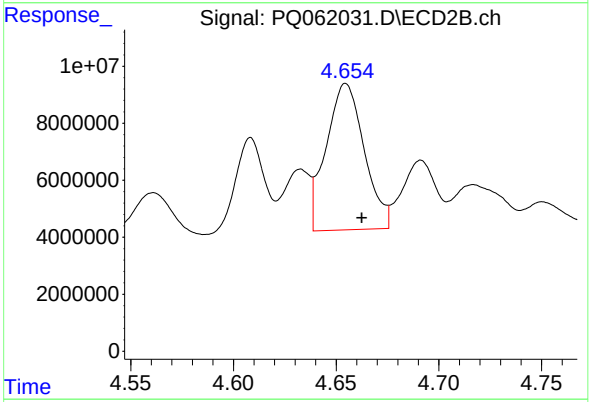
R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 46620345
Conc: 288.74 ng/ml



#27 AR-1254-2

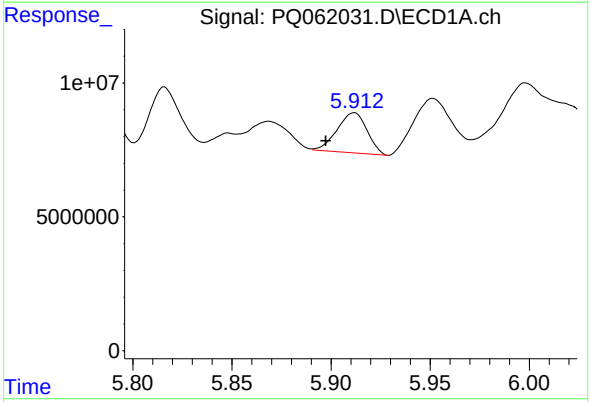
R.T.: 5.548 min
Delta R.T.: 0.005 min
Response: 108936532
Conc: 374.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



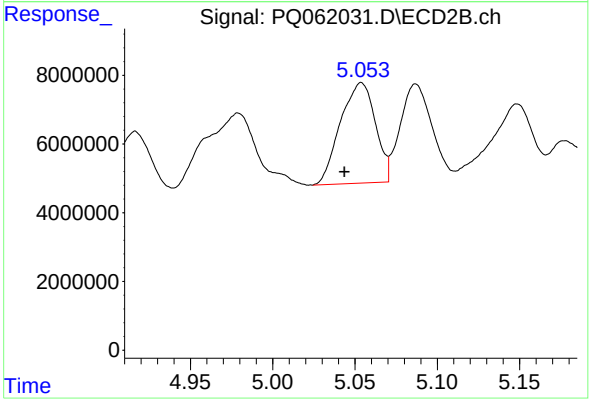
#27 AR-1254-2

R.T.: 4.655 min
Delta R.T.: -0.008 min
Response: 66303634
Conc: 450.36 ng/ml



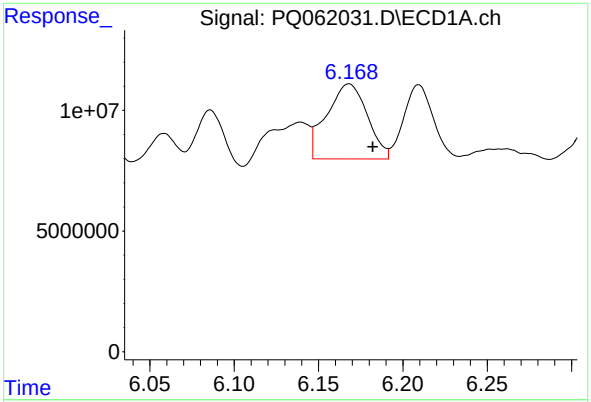
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: 0.014 min
Response: 15776644
Conc: 51.37 ng/ml



#28 AR-1254-3

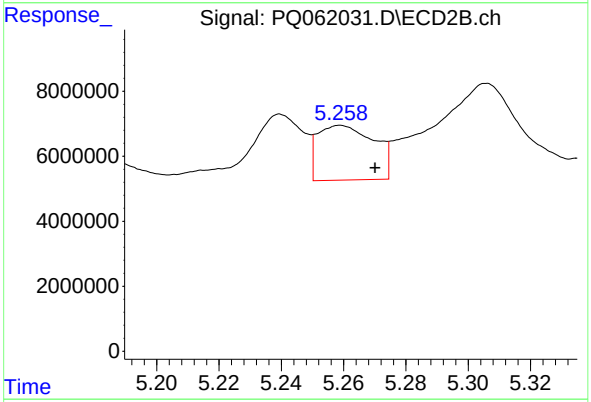
R.T.: 5.054 min
Delta R.T.: 0.010 min
Response: 43196226
Conc: 184.84 ng/ml



#29 AR-1254-4

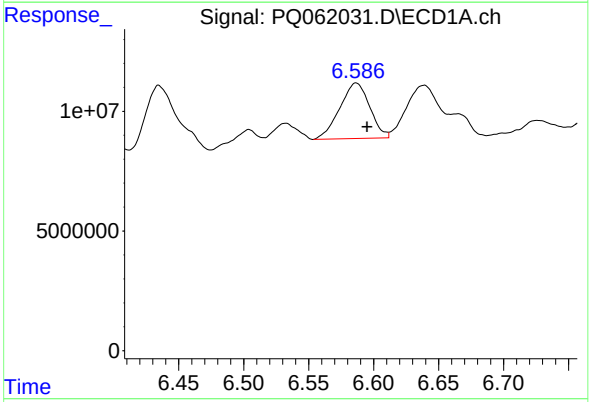
R.T.: 6.168 min
Delta R.T.: -0.014 min
Response: 52191497
Conc: 224.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



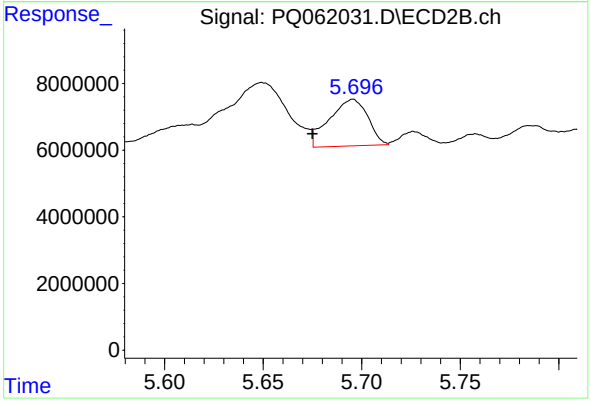
#29 AR-1254-4

R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 21116369
Conc: 138.55 ng/ml



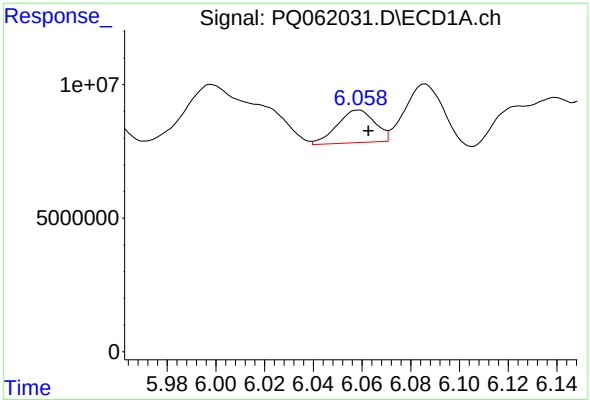
#30 AR-1254-5

R.T.: 6.587 min
Delta R.T.: -0.008 min
Response: 37251446
Conc: 145.02 ng/ml



#30 AR-1254-5

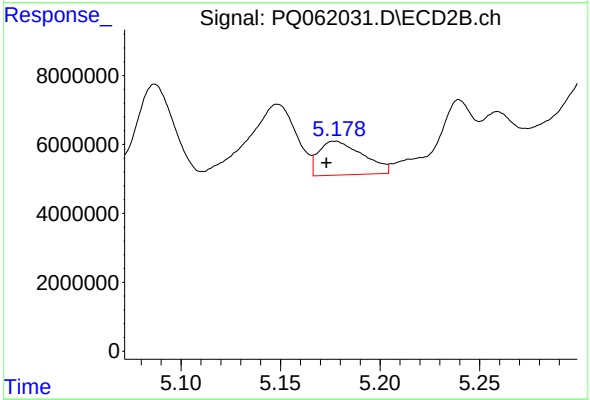
R.T.: 5.696 min
Delta R.T.: 0.021 min
Response: 19075584
Conc: 82.65 ng/ml



#31 AR-1260-1

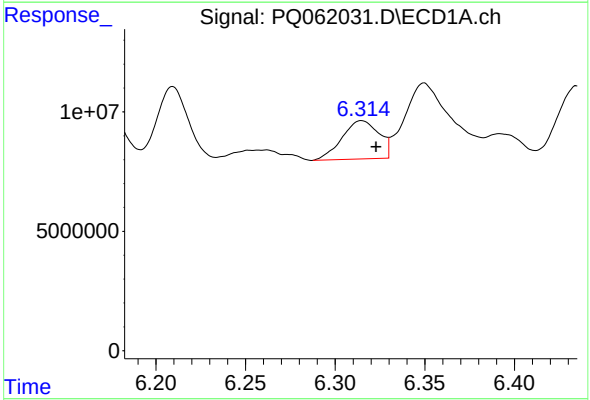
R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 13159784
Conc: 55.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



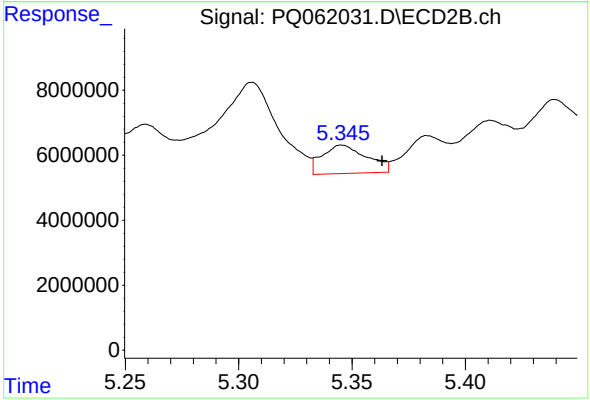
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 15212638
Conc: 91.34 ng/ml



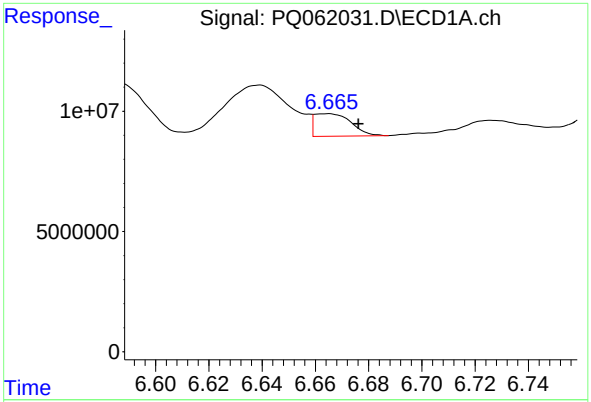
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 22987735
Conc: 79.59 ng/ml



#32 AR-1260-2

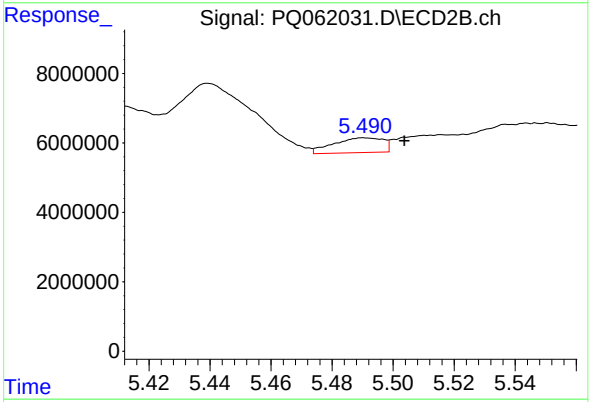
R.T.: 5.346 min
Delta R.T.: -0.018 min
Response: 11977614
Conc: 57.60 ng/ml



#33 AR-1260-3

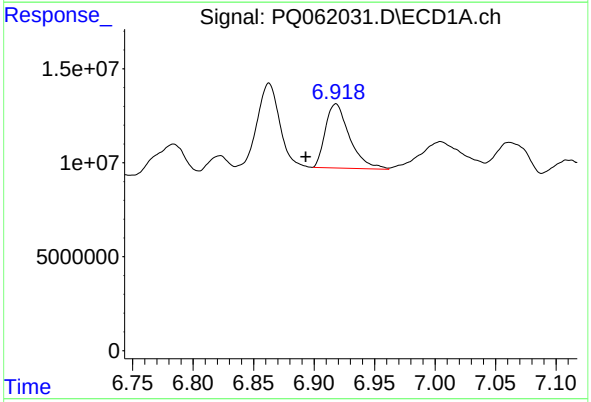
R.T.: 6.664 min
Delta R.T.: -0.012 min
Response: 9041475
Conc: 51.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



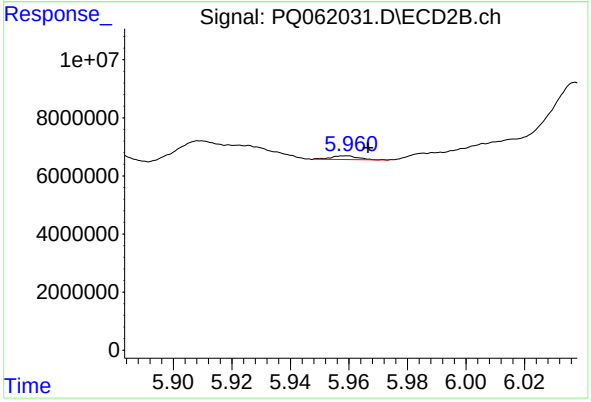
#33 AR-1260-3

R.T.: 5.491 min
Delta R.T.: -0.013 min
Response: 4807611
Conc: 24.71 ng/ml



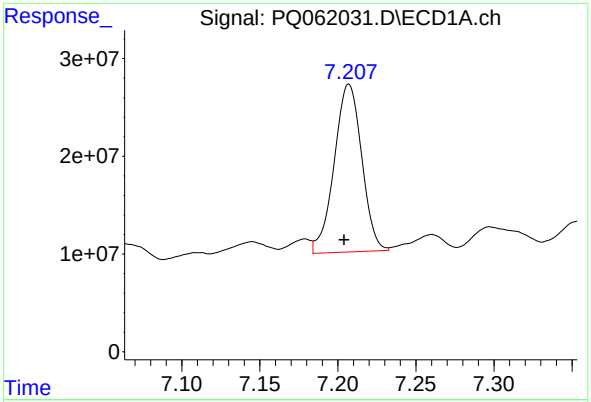
#34 AR-1260-4

R.T.: 6.918 min
Delta R.T.: 0.025 min
Response: 47467543
Conc: 225.34 ng/ml



#34 AR-1260-4

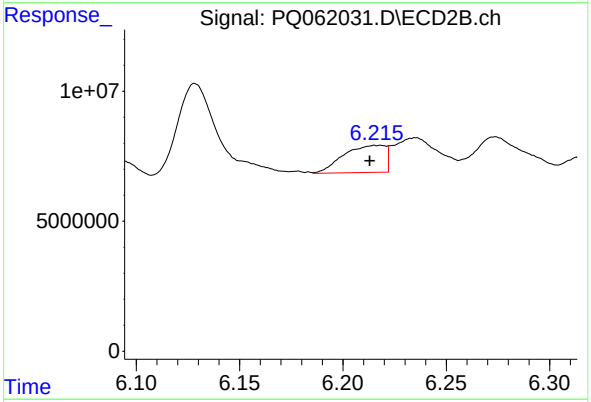
R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 835916
Conc: 5.73 ng/ml



#35 AR-1260-5

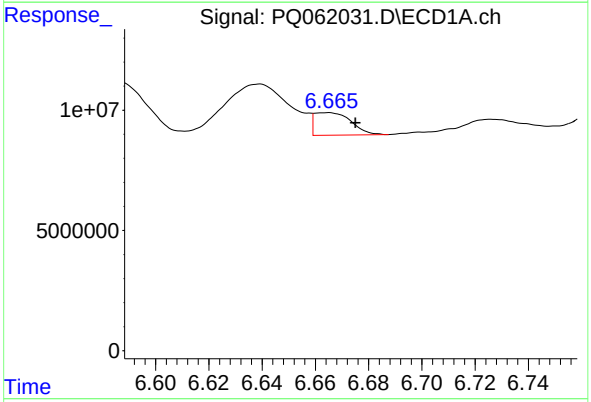
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 210690649
Conc: 513.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



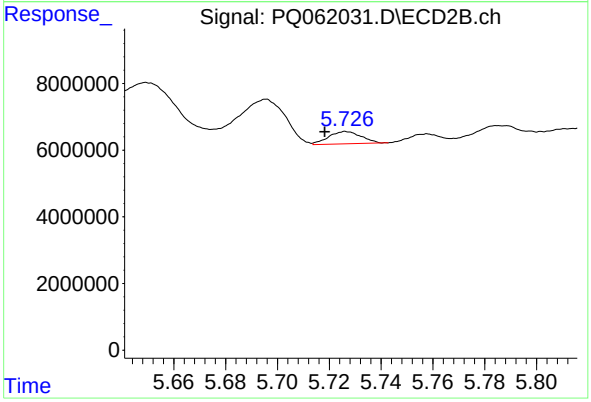
#35 AR-1260-5

R.T.: 6.218 min
Delta R.T.: 0.005 min
Response: 14616830
Conc: 44.02 ng/ml



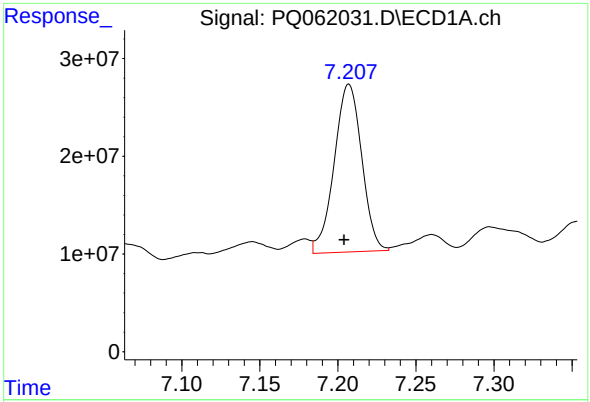
#36 AR-1262-1

R.T.: 6.664 min
Delta R.T.: -0.011 min
Response: 9041475
Conc: 29.65 ng/ml



#36 AR-1262-1

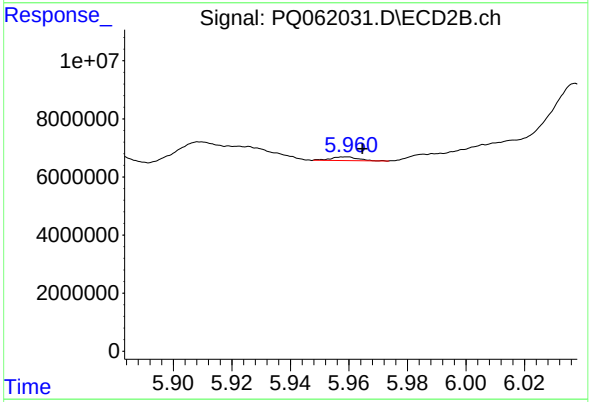
R.T.: 5.726 min
Delta R.T.: 0.008 min
Response: 3255842
Conc: 14.01 ng/ml



#37 AR-1262-2

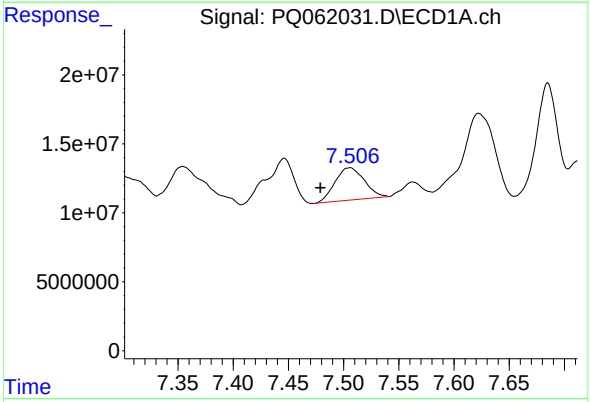
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 210690649
Conc: 400.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



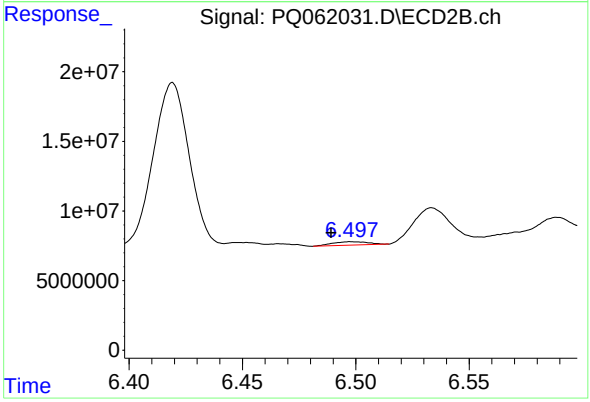
#37 AR-1262-2

R.T.: 5.959 min
Delta R.T.: -0.006 min
Response: 835916
Conc: 3.87 ng/ml



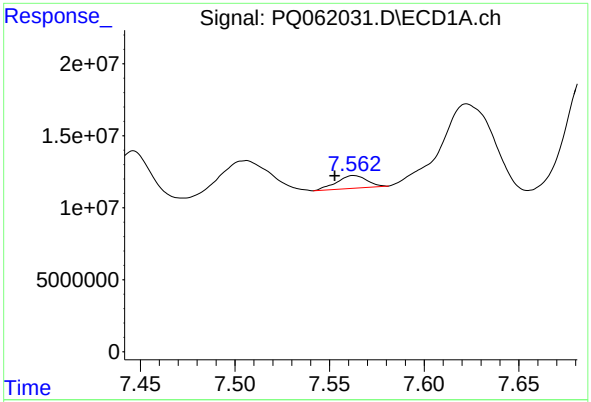
#38 AR-1262-3

R.T.: 7.506 min
Delta R.T.: 0.027 min
Response: 43395873
Conc: 123.18 ng/ml



#38 AR-1262-3

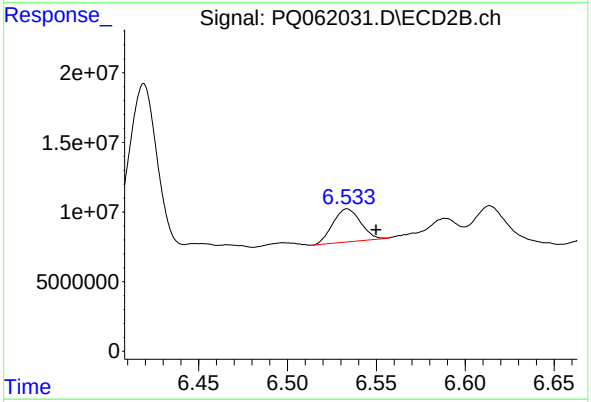
R.T.: 6.498 min
Delta R.T.: 0.009 min
Response: 2716026
Conc: 15.58 ng/ml



#39 AR-1262-4

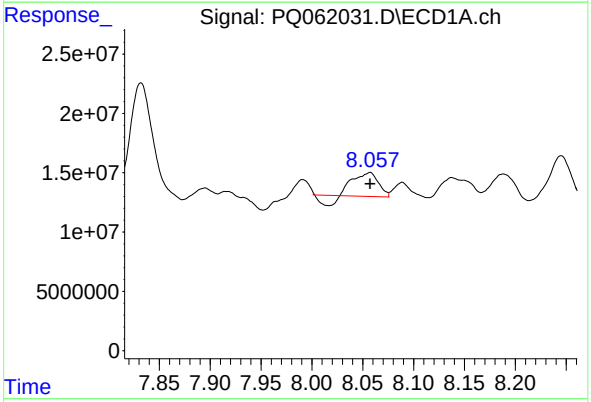
R.T.: 7.563 min
Delta R.T.: 0.010 min
Response: 9808794
Conc: 36.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



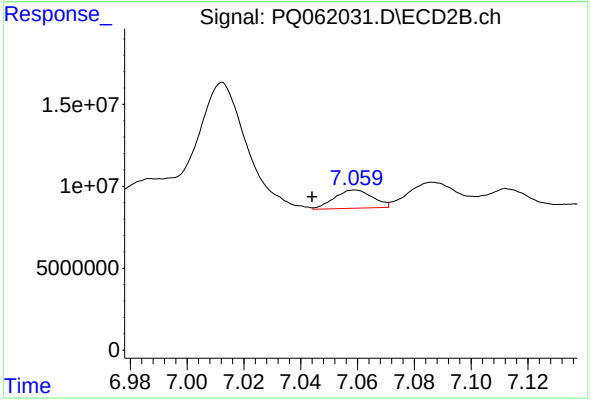
#39 AR-1262-4

R.T.: 6.534 min
Delta R.T.: -0.016 min
Response: 25779383
Conc: 79.99 ng/ml



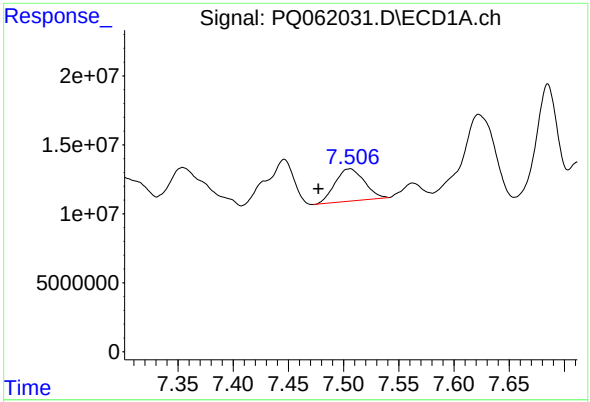
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 29285049
Conc: 164.98 ng/ml



#40 AR-1262-5

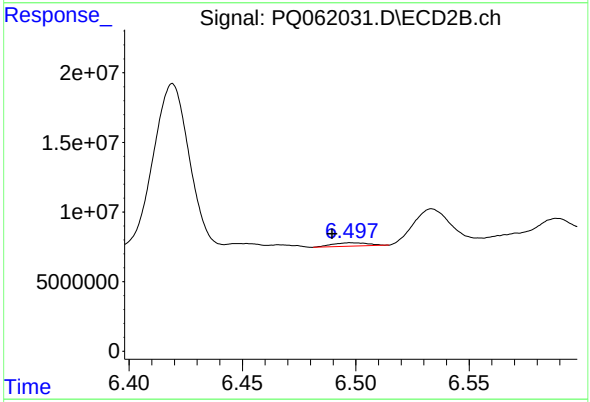
R.T.: 7.059 min
Delta R.T.: 0.015 min
Response: 10421533
Conc: 67.19 ng/ml



#41 AR-1268-1

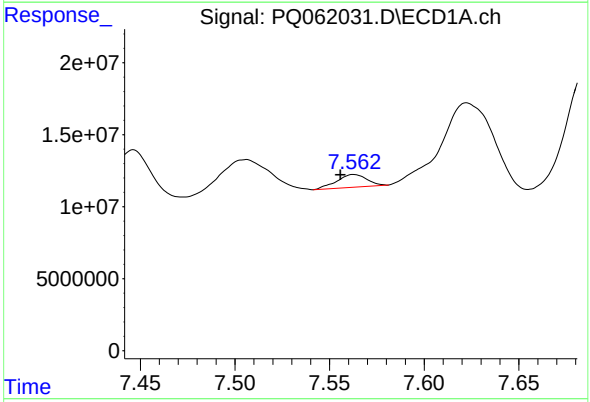
R.T.: 7.506 min
Delta R.T.: 0.028 min
Response: 43395873
Conc: 76.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



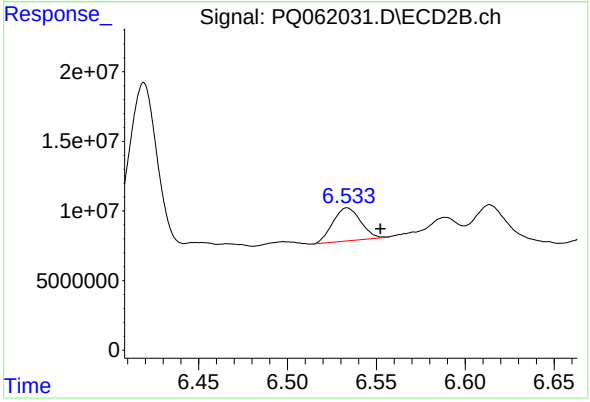
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: 0.008 min
Response: 2716026
Conc: 5.77 ng/ml



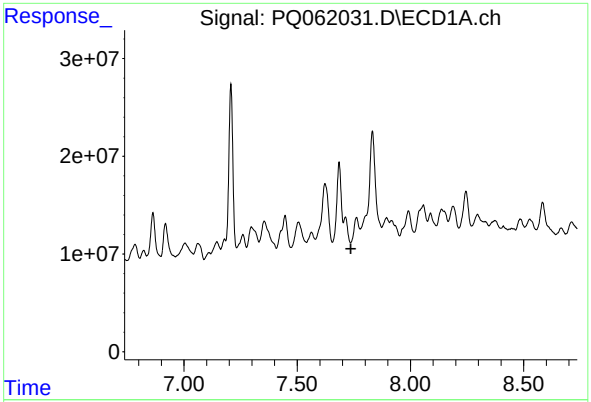
#42 AR-1268-2

R.T.: 7.563 min
Delta R.T.: 0.007 min
Response: 9808794
Conc: 19.24 ng/ml



#42 AR-1268-2

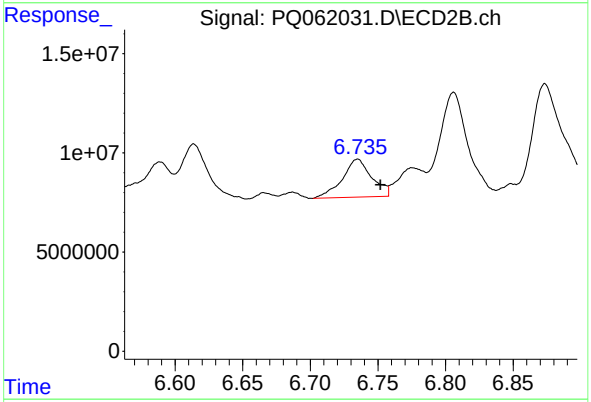
R.T.: 6.534 min
Delta R.T.: -0.019 min
Response: 25779383
Conc: 60.84 ng/ml



#43 AR-1268-3

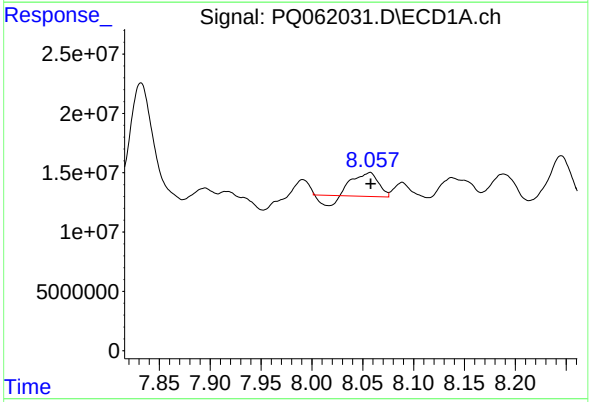
R.T.: 7.713 min
Delta R.T.: -0.024 min
Response: -29012817
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
1674



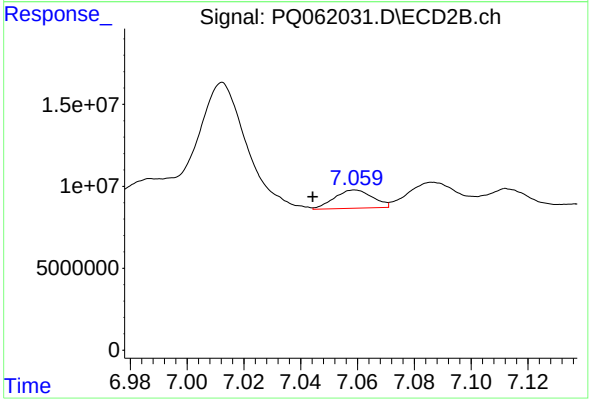
#43 AR-1268-3

R.T.: 6.735 min
Delta R.T.: -0.017 min
Response: 29053395
Conc: 78.88 ng/ml



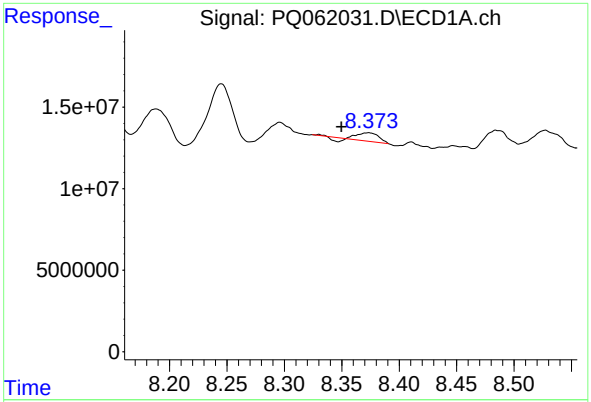
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 29285049
Conc: 160.04 ng/ml



#44 AR-1268-4

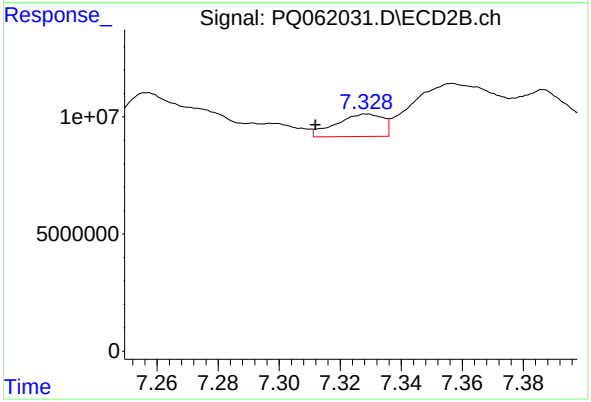
R.T.: 7.059 min
Delta R.T.: 0.015 min
Response: 10421533
Conc: 65.16 ng/ml



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: 0.024 min
Response: 5479747
Conc: 4.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
1674



#45 AR-1268-5

R.T.: 7.329 min
Delta R.T.: 0.017 min
Response: 10214202
Conc: 8.75 ng/ml