

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2023 05:25
 Operator : YP\AJ
 Sample : 03678-03 10X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:07:55 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...	3.400	2.754	1831388	2267837	0.375	0.904 #
2)	SA Decachlor...	8.578	7.526	5025420	17346945	1.383	5.206 #
Target Compounds							
3)	L1 AR-1016-1	4.490	3.747	8008262	12428200	48.618	125.569 #
4)	L1 AR-1016-2	4.548	3.792	4363031	10549981	17.645	73.163 #
5)	L1 AR-1016-3	4.587	3.965f	28467621	6873908	186.788	91.114 #
6)	L1 AR-1016-4	4.687	3.965	-5851480	6873908	N.D.	104.659 #
7)	L1 AR-1016-5	4.961	4.184	11301562	8828406	92.851	107.688
8)	L2 AR-1221-1	3.628	2.965	-4159128	29022342	N.D.	879.558 #
9)	L2 AR-1221-2	3.671	3.025	4318287	15065664	96.106	593.135 #
10)	L2 AR-1221-3	3.762	3.111	8127635	3332107	57.840	43.223 #
11)	L3 AR-1232-1	3.762	3.111	8127635	3332107	76.965	58.153
12)	L3 AR-1232-2	4.248	3.792	3157423	10549981	53.379	158.515 #
13)	L3 AR-1232-3	4.548	3.965f	4363031	6873908	38.583	198.927 #
14)	L3 AR-1232-4	4.687	4.012	-5851480	7333755	N.D.	246.597 #
15)	L3 AR-1232-5	4.782	4.184	6470783	8828406	161.568	247.566 #
16)	L4 AR-1242-1	4.490	3.747	8008262	12428200	61.270	160.698 #
17)	L4 AR-1242-2	4.548	3.792	4363031	10549981	22.474	94.909 #
18)	L4 AR-1242-3	4.587	3.965f	28467621	6873908	235.573	117.350 #
19)	L4 AR-1242-4	4.687	4.012	-5851480	7333755	N.D.	125.089 #
20)	L4 AR-1242-5	5.383	4.525	4147137	12520243	43.321	151.042 #
21)	L5 AR-1248-1	4.490	3.747	8008262	12428200	77.018	198.786 #
22)	L5 AR-1248-2	4.782	3.965	6470783	6873908	45.042	73.307 #
23)	L5 AR-1248-3	4.961	4.012	11301562	7333755	65.059	80.997
24)	L5 AR-1248-4	5.356	4.184	3581537	8828406	18.661	78.239 #
25)	L5 AR-1248-5	5.383	4.557	4147137	2259031	22.897	20.164
26)	L6 AR-1254-1	5.304	4.525	2533549	12520243	13.634	77.543 #
27)	L6 AR-1254-2	5.555	4.665	32394535	355239	111.431	2.413 #
28)	L6 AR-1254-3	5.880	5.051	5837660	41498689	19.006	177.572 #
29)	L6 AR-1254-4	6.208f	5.266	2986487	2715701	12.862	17.818 #
30)	L6 AR-1254-5	6.599	5.691	1224705	407498	4.768	1.766 #
31)	L7 AR-1260-1	6.081	5.167	15194522	5813360	64.402	34.904 #
32)	L7 AR-1260-2	6.306	5.376	49829336	21031145	172.532	101.138 #
33)	L7 AR-1260-3	6.674	5.485	3816663	27491199	21.615	141.300 #
34)	L7 AR-1260-4	6.920f	5.986	13392787	9640124	63.578	66.091
35)	L7 AR-1260-5	7.205	6.203	16321561	980696	39.750	2.953 #
36)	L8 AR-1262-1	6.674	5.722	3816663	4441148	12.516	19.104 #
37)	L8 AR-1262-2	7.205	5.986	16321561	9640124	30.988	44.587 #
38)	L8 AR-1262-3	7.502	6.500	46207923	1294830	131.160	7.428 #
39)	L8 AR-1262-4	7.557	6.564	15805365	2935574	59.258	9.108 #
40)	L8 AR-1262-5	8.059	7.059	1239197	2730438	6.981	17.603 #
41)	L9 AR-1268-1	7.502	6.500	46207923	1294830	81.427	2.752 #

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 ALS Vial : 49 Sample Multiplier: 1

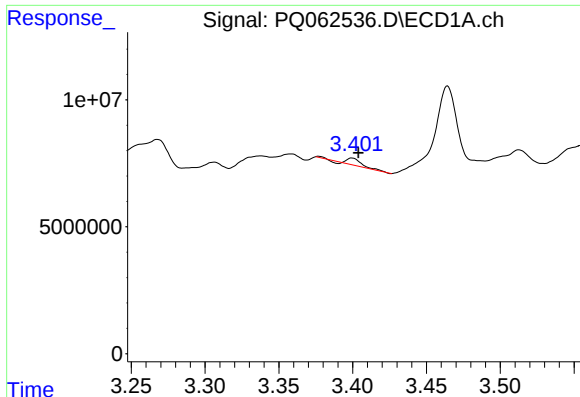
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:07:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	7.557	6.564	15805365	2935574	30.999	6.928 #
43) L9	AR-1268-3	7.731	6.756	38099734	18098161	89.274	49.137 #
44) L9	AR-1268-4	8.059	7.059	1239197	2730438	6.772	17.072 #
45) L9	AR-1268-5	8.352	7.293	890642	12621135	0.706	10.815 #

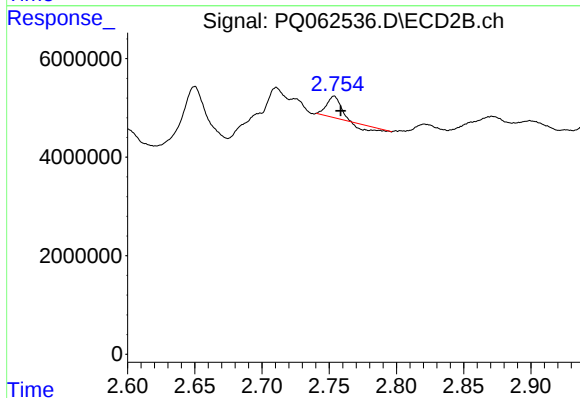
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

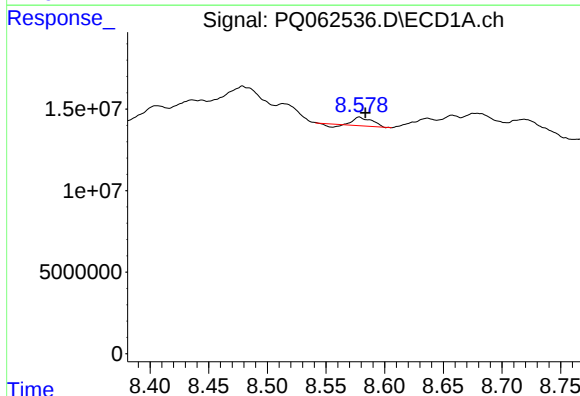
R.T.: 3.400 min
Delta R.T.: -0.004 min
Response: 1831388
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



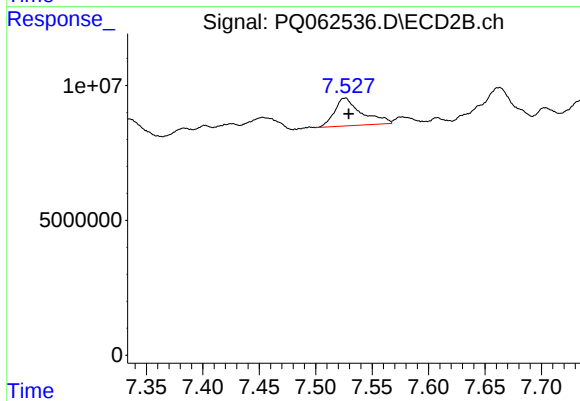
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.005 min
Response: 2267837
Conc: 0.90 ng/ml



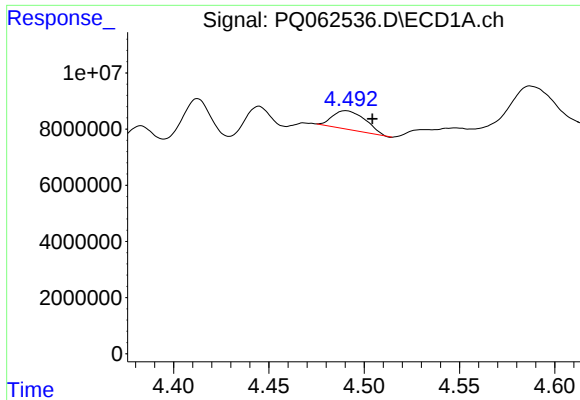
#2 Decachlorobiphenyl

R.T.: 8.578 min
Delta R.T.: -0.005 min
Response: 5025420
Conc: 1.38 ng/ml



#2 Decachlorobiphenyl

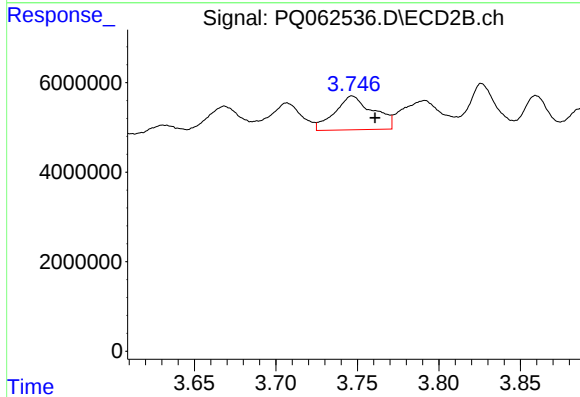
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 17346945
Conc: 5.21 ng/ml



#3 AR-1016-1

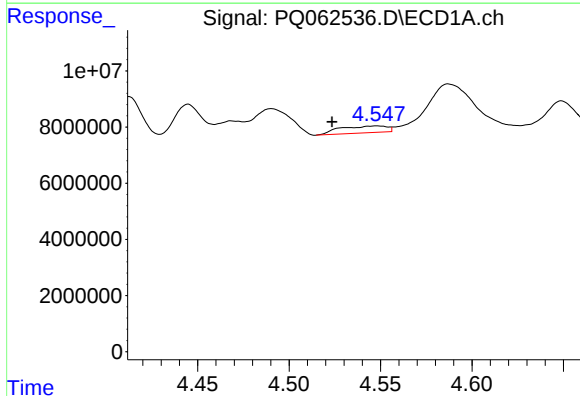
R.T.: 4.490 min
Delta R.T.: -0.014 min
Response: 8008262
Conc: 48.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



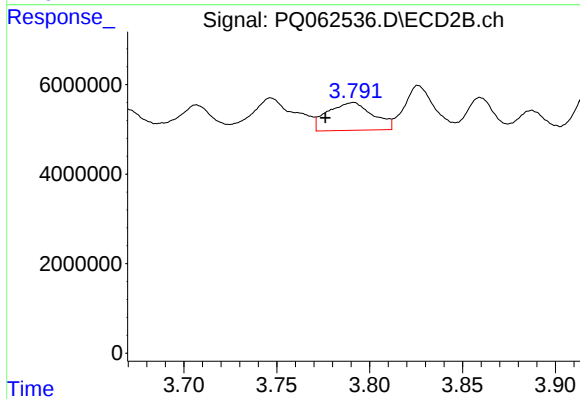
#3 AR-1016-1

R.T.: 3.747 min
Delta R.T.: -0.014 min
Response: 12428200
Conc: 125.57 ng/ml



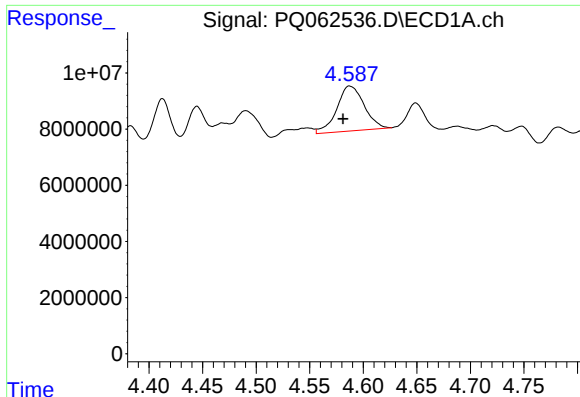
#4 AR-1016-2

R.T.: 4.548 min
Delta R.T.: 0.024 min
Response: 4363031
Conc: 17.64 ng/ml



#4 AR-1016-2

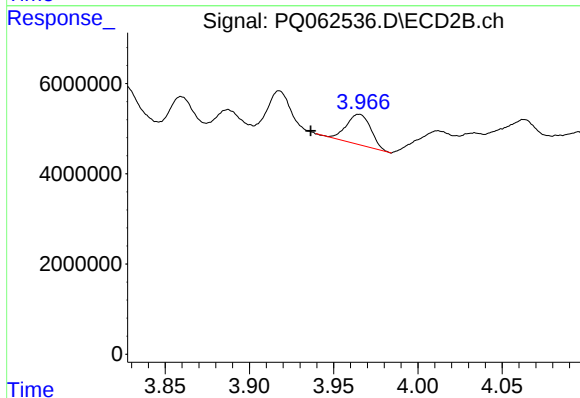
R.T.: 3.792 min
Delta R.T.: 0.015 min
Response: 10549981
Conc: 73.16 ng/ml



#5 AR-1016-3

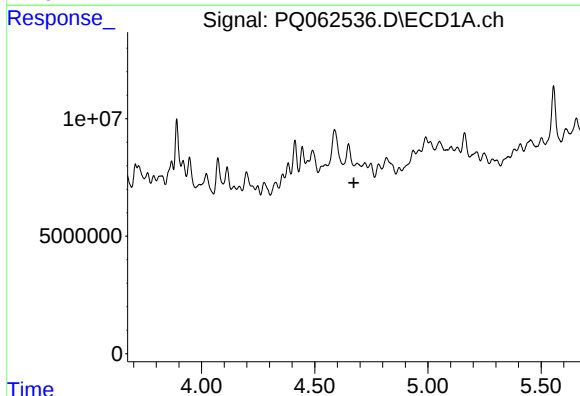
R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 28467621
Conc: 186.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



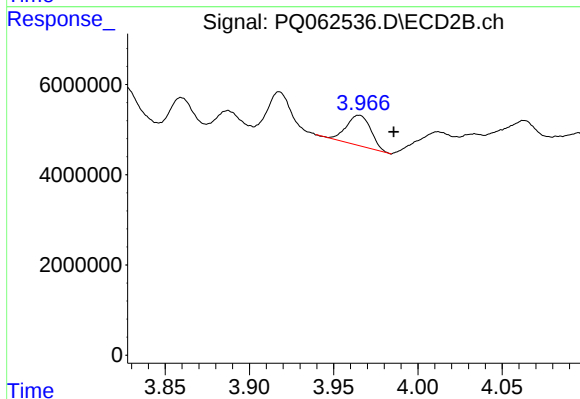
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.029 min
Response: 6873908
Conc: 91.11 ng/ml



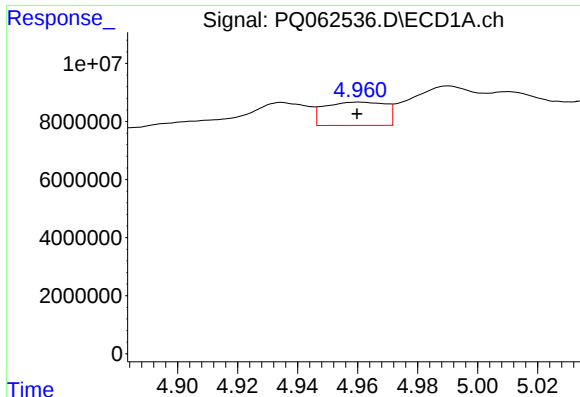
#6 AR-1016-4

R.T.: 4.687 min
Delta R.T.: 0.015 min
Response: -5851480
Conc: N.D.



#6 AR-1016-4

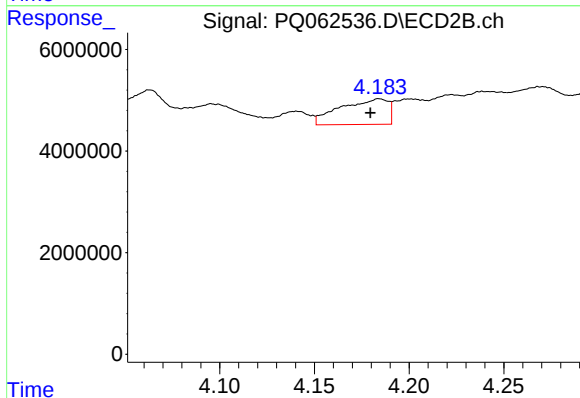
R.T.: 3.965 min
Delta R.T.: -0.020 min
Response: 6873908
Conc: 104.66 ng/ml



#7 AR-1016-5

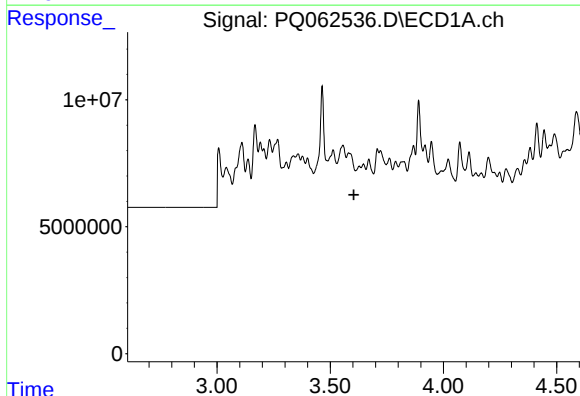
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 11301562
Conc: 92.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



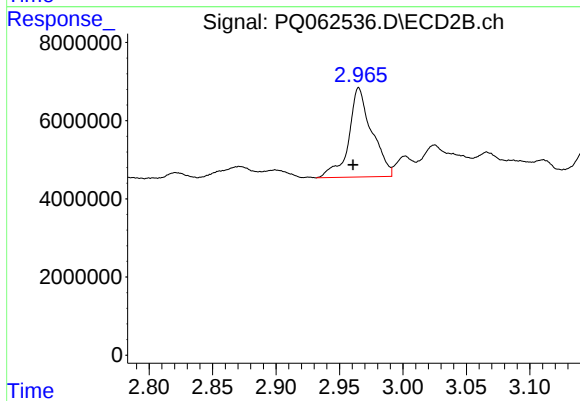
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.004 min
Response: 8828406
Conc: 107.69 ng/ml



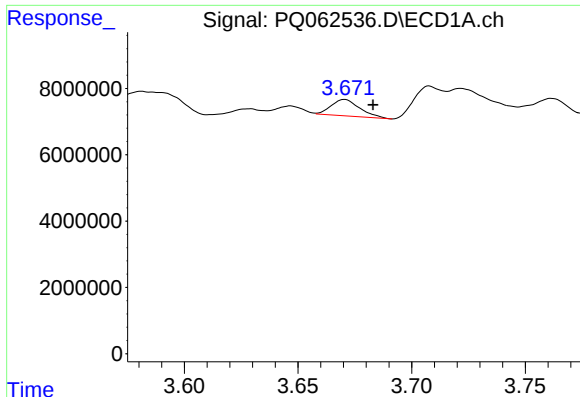
#8 AR-1221-1

R.T.: 3.628 min
Delta R.T.: 0.024 min
Response: -4159128
Conc: N.D.



#8 AR-1221-1

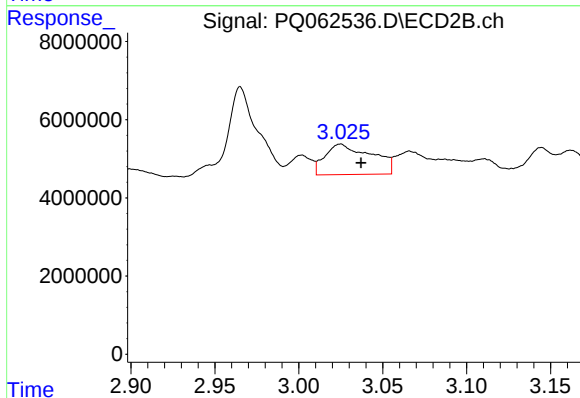
R.T.: 2.965 min
Delta R.T.: 0.005 min
Response: 29022342
Conc: 879.56 ng/ml



#9 AR-1221-2

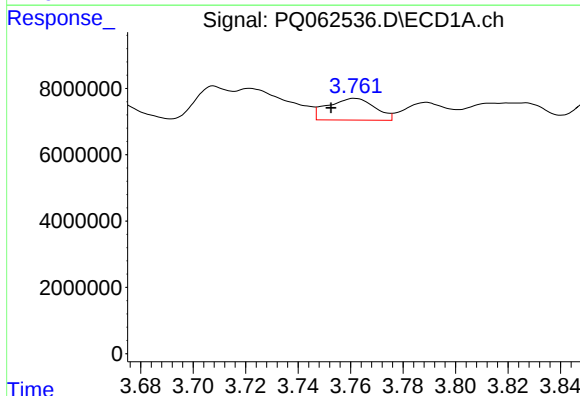
R.T.: 3.671 min
Delta R.T.: -0.013 min
Response: 4318287
Conc: 96.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



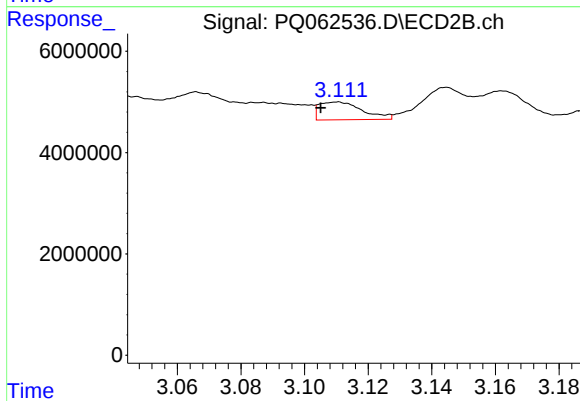
#9 AR-1221-2

R.T.: 3.025 min
Delta R.T.: -0.012 min
Response: 15065664
Conc: 593.13 ng/ml



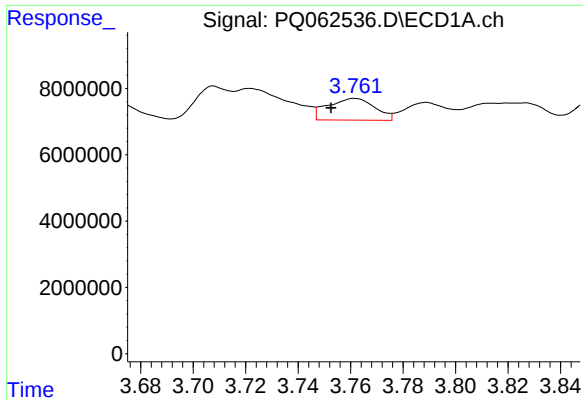
#10 AR-1221-3

R.T.: 3.762 min
Delta R.T.: 0.009 min
Response: 8127635
Conc: 57.84 ng/ml



#10 AR-1221-3

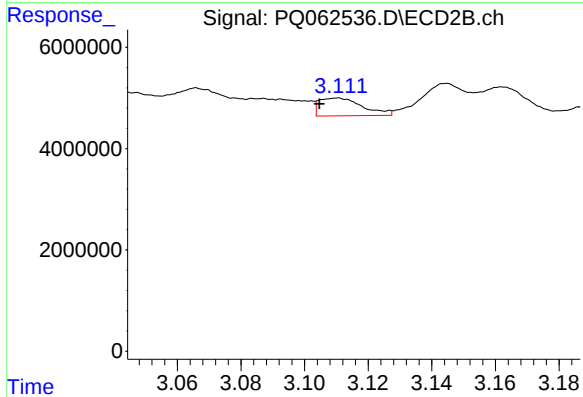
R.T.: 3.111 min
Delta R.T.: 0.006 min
Response: 3332107
Conc: 43.22 ng/ml



#11 AR-1232-1

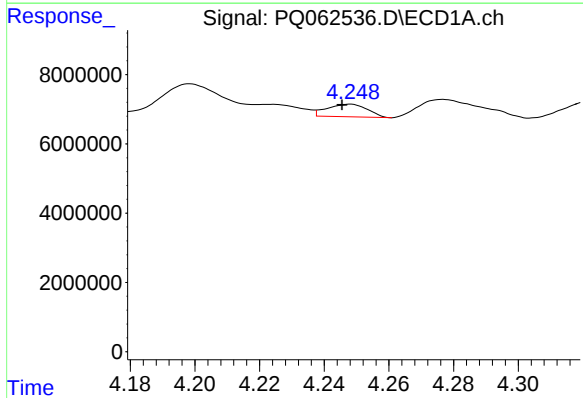
R.T.: 3.762 min
Delta R.T.: 0.009 min
Response: 8127635
Conc: 76.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



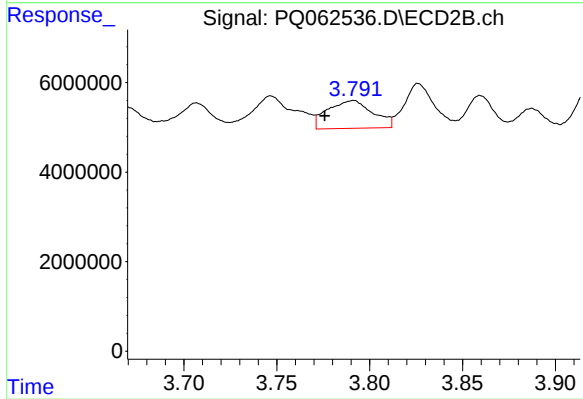
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.006 min
Response: 3332107
Conc: 58.15 ng/ml



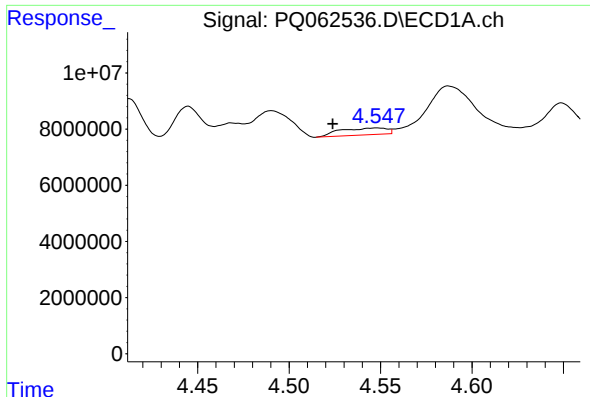
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.003 min
Response: 3157423
Conc: 53.38 ng/ml



#12 AR-1232-2

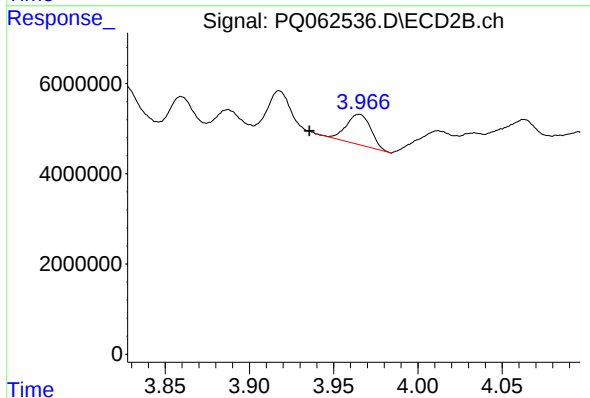
R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 10549981
Conc: 158.52 ng/ml



#13 AR-1232-3

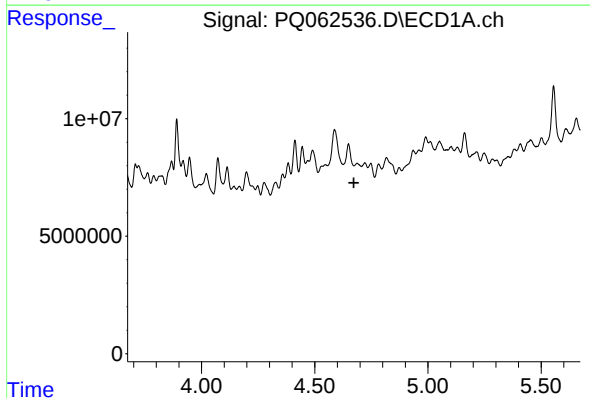
R.T.: 4.548 min
Delta R.T.: 0.024 min
Response: 4363031
Conc: 38.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



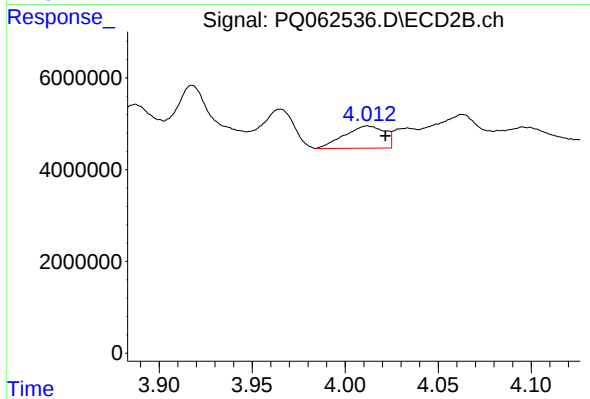
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.029 min
Response: 6873908
Conc: 198.93 ng/ml



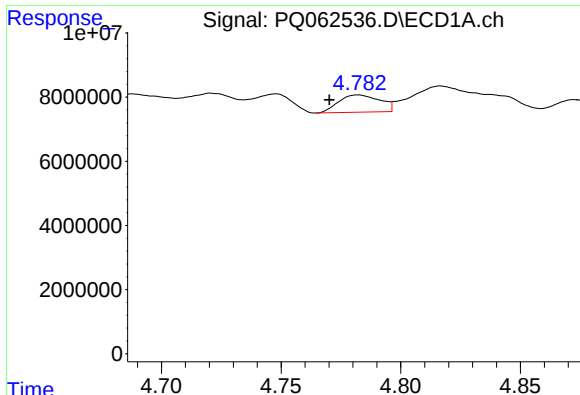
#14 AR-1232-4

R.T.: 4.687 min
Delta R.T.: 0.014 min
Response: -5851480
Conc: N.D.



#14 AR-1232-4

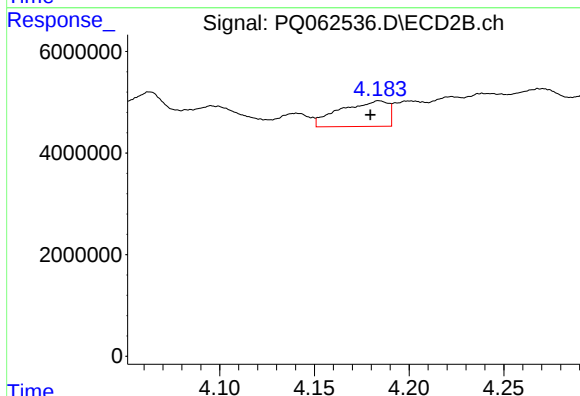
R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 7333755
Conc: 246.60 ng/ml



#15 AR-1232-5

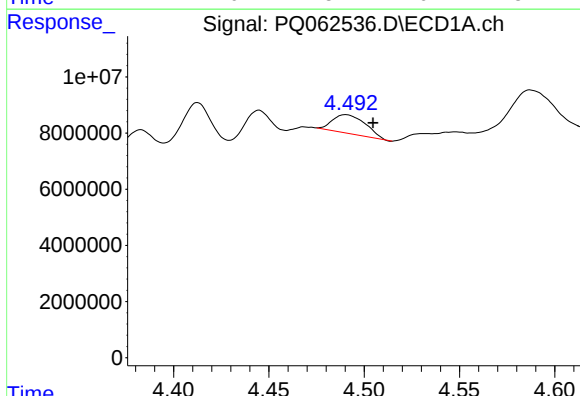
R.T.: 4.782 min
Delta R.T.: 0.012 min
Response: 6470783
Conc: 161.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



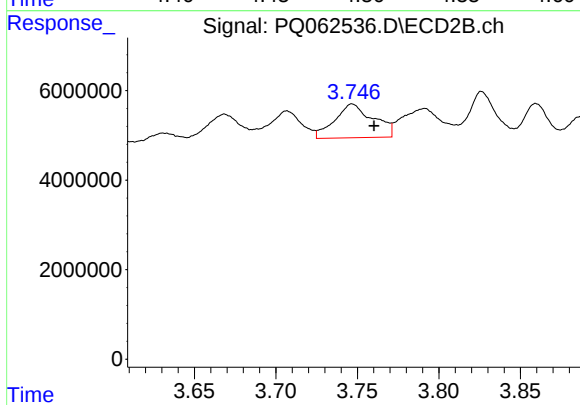
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: 0.004 min
Response: 8828406
Conc: 247.57 ng/ml



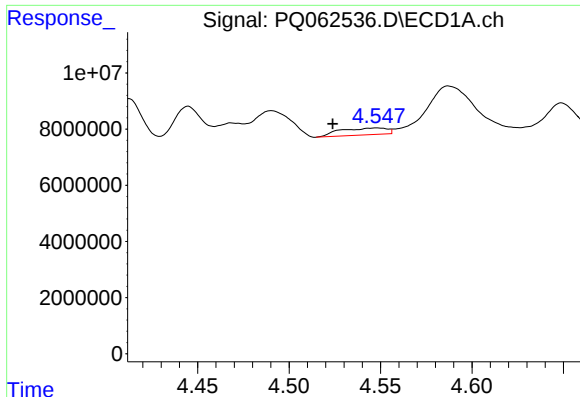
#16 AR-1242-1

R.T.: 4.490 min
Delta R.T.: -0.014 min
Response: 8008262
Conc: 61.27 ng/ml



#16 AR-1242-1

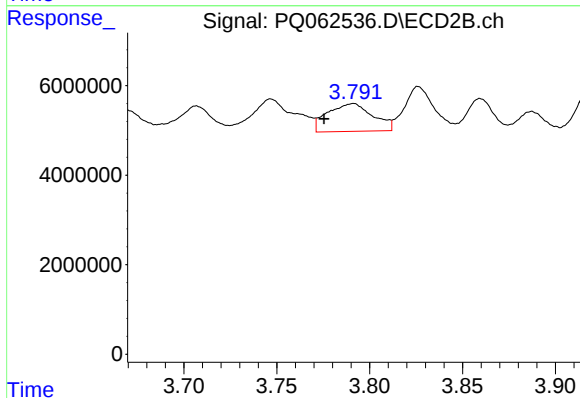
R.T.: 3.747 min
Delta R.T.: -0.014 min
Response: 12428200
Conc: 160.70 ng/ml



#17 AR-1242-2

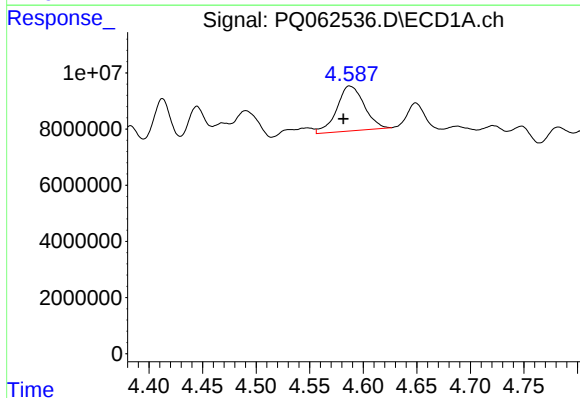
R.T.: 4.548 min
Delta R.T.: 0.024 min
Response: 4363031
Conc: 22.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



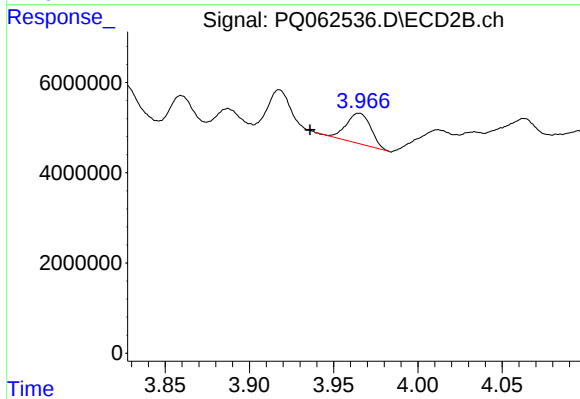
#17 AR-1242-2

R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 10549981
Conc: 94.91 ng/ml



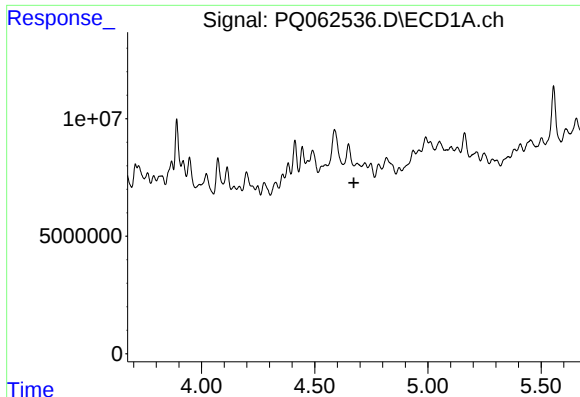
#18 AR-1242-3

R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 28467621
Conc: 235.57 ng/ml



#18 AR-1242-3

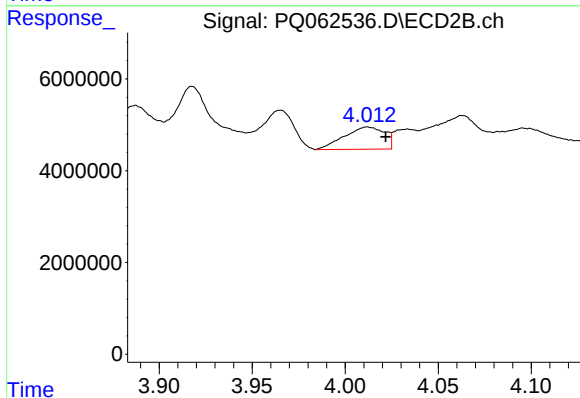
R.T.: 3.965 min
Delta R.T.: 0.029 min
Response: 6873908
Conc: 117.35 ng/ml



#19 AR-1242-4

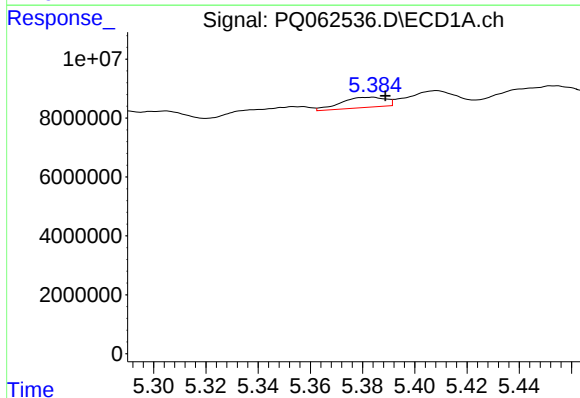
R.T.: 4.687 min
Delta R.T.: 0.014 min
Response: -5851480
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



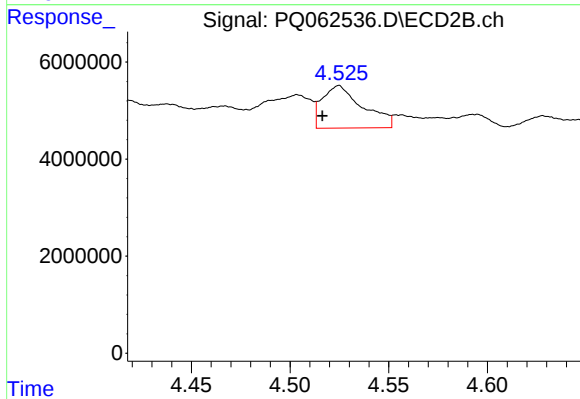
#19 AR-1242-4

R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 7333755
Conc: 125.09 ng/ml



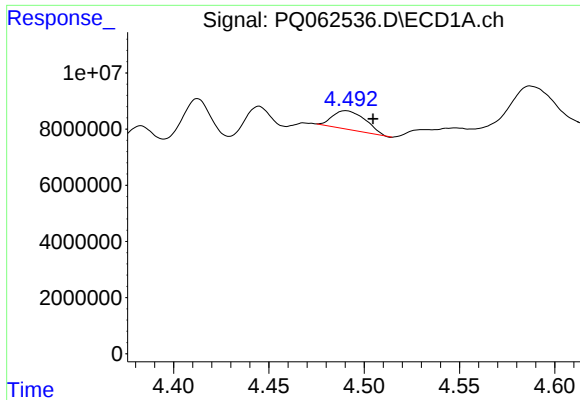
#20 AR-1242-5

R.T.: 5.383 min
Delta R.T.: -0.006 min
Response: 4147137
Conc: 43.32 ng/ml



#20 AR-1242-5

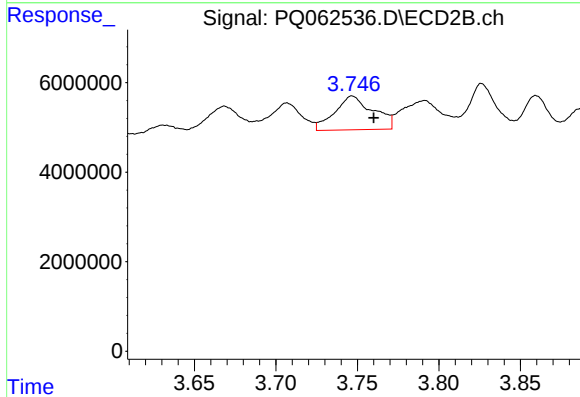
R.T.: 4.525 min
Delta R.T.: 0.008 min
Response: 12520243
Conc: 151.04 ng/ml



#21 AR-1248-1

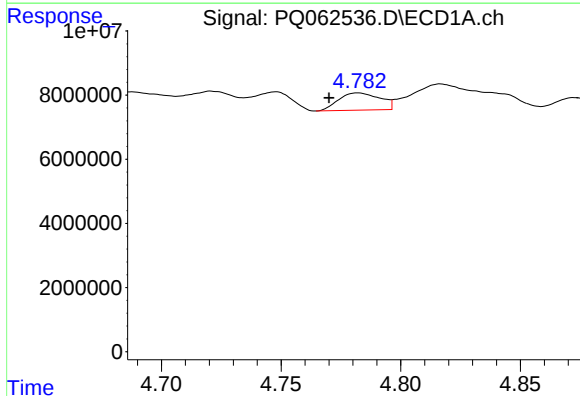
R.T.: 4.490 min
Delta R.T.: -0.014 min
Response: 8008262
Conc: 77.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



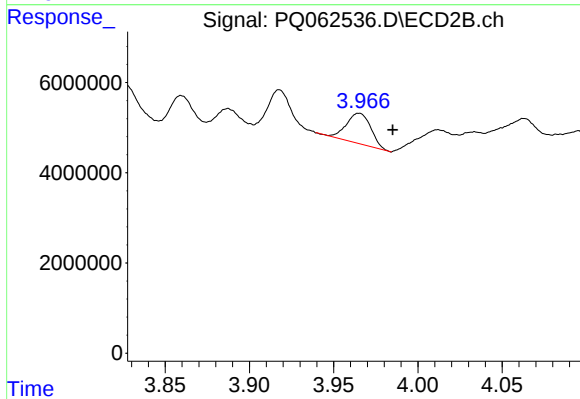
#21 AR-1248-1

R.T.: 3.747 min
Delta R.T.: -0.013 min
Response: 12428200
Conc: 198.79 ng/ml



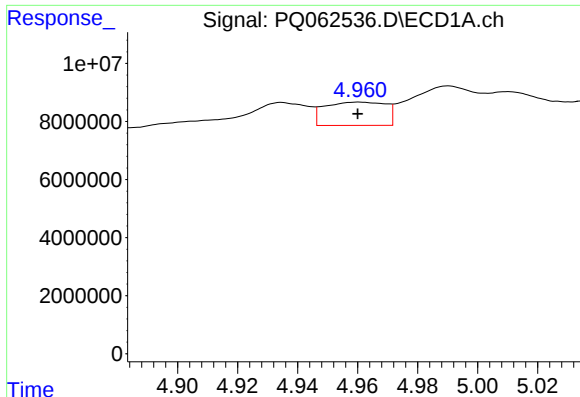
#22 AR-1248-2

R.T.: 4.782 min
Delta R.T.: 0.012 min
Response: 6470783
Conc: 45.04 ng/ml



#22 AR-1248-2

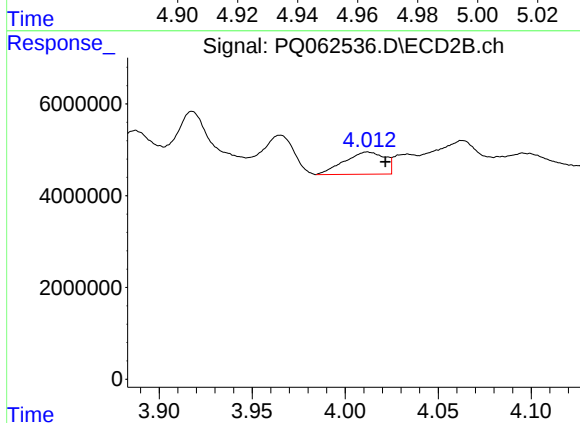
R.T.: 3.965 min
Delta R.T.: -0.020 min
Response: 6873908
Conc: 73.31 ng/ml



#23 AR-1248-3

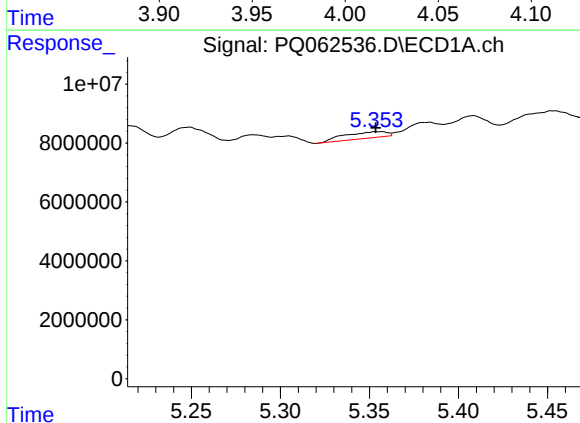
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 11301562
Conc: 65.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



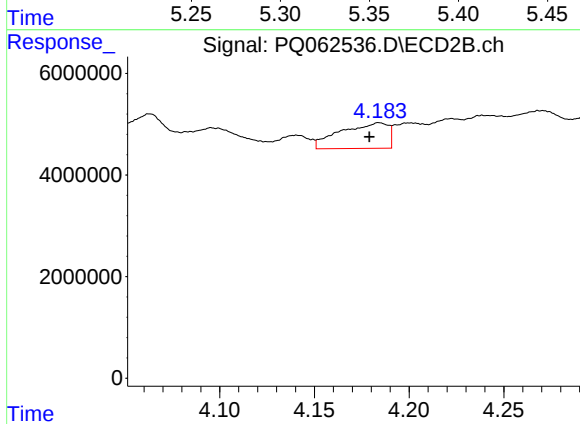
#23 AR-1248-3

R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 7333755
Conc: 81.00 ng/ml



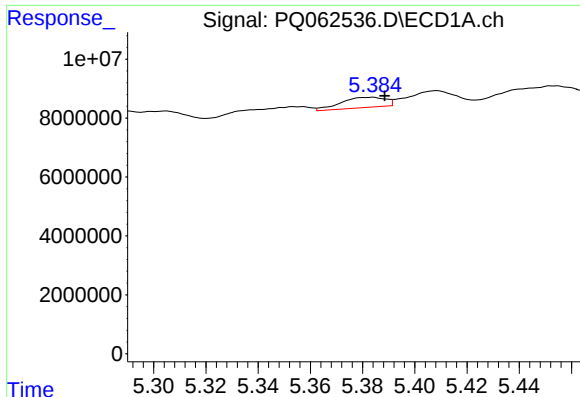
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 3581537
Conc: 18.66 ng/ml



#24 AR-1248-4

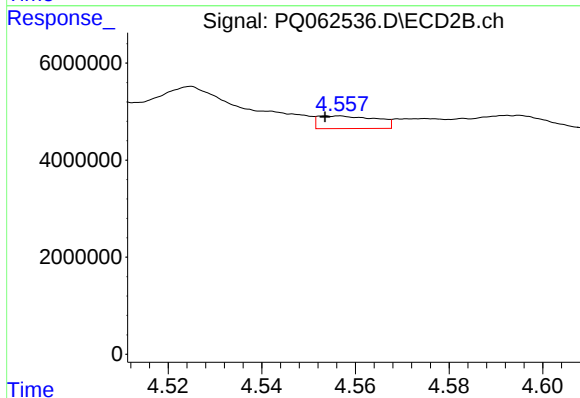
R.T.: 4.184 min
Delta R.T.: 0.005 min
Response: 8828406
Conc: 78.24 ng/ml



#25 AR-1248-5

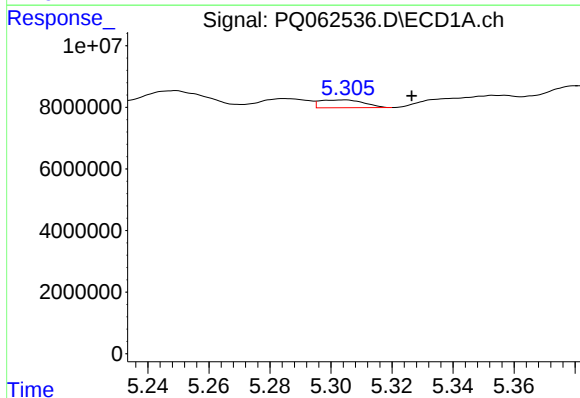
R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 4147137
Conc: 22.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



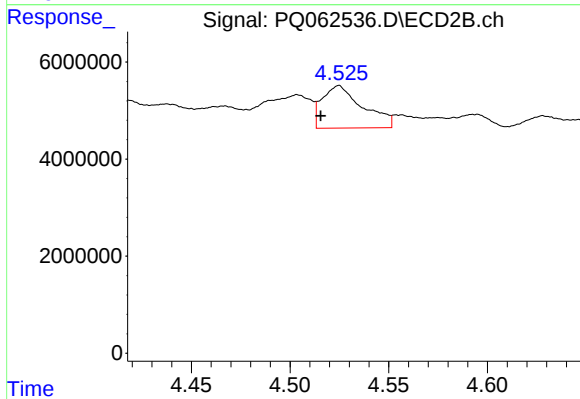
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.003 min
Response: 2259031
Conc: 20.16 ng/ml



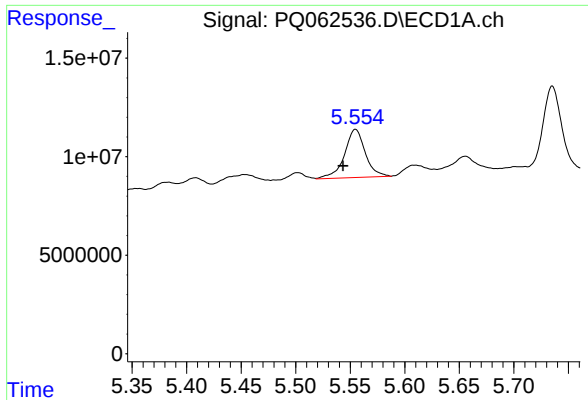
#26 AR-1254-1

R.T.: 5.304 min
Delta R.T.: -0.022 min
Response: 2533549
Conc: 13.63 ng/ml



#26 AR-1254-1

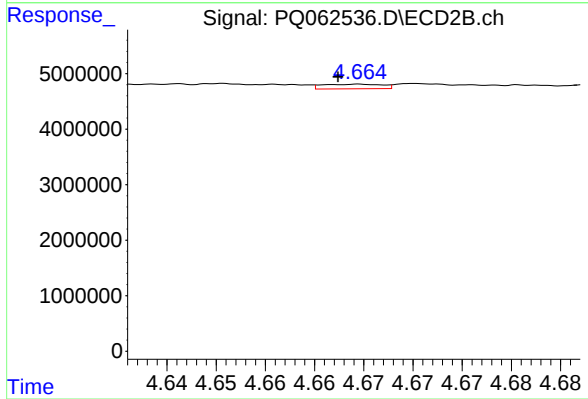
R.T.: 4.525 min
Delta R.T.: 0.009 min
Response: 12520243
Conc: 77.54 ng/ml



#27 AR-1254-2

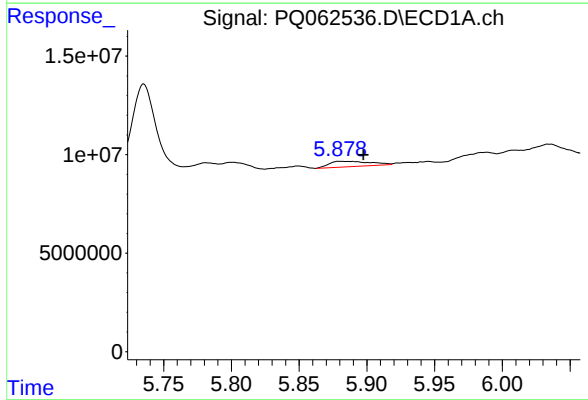
R.T.: 5.555 min
Delta R.T.: 0.011 min
Response: 32394535
Conc: 111.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



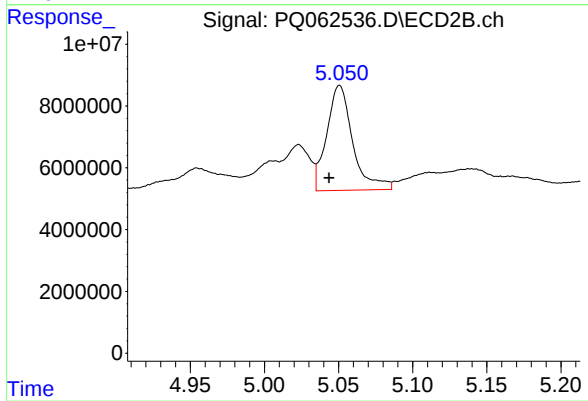
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.002 min
Response: 355239
Conc: 2.41 ng/ml



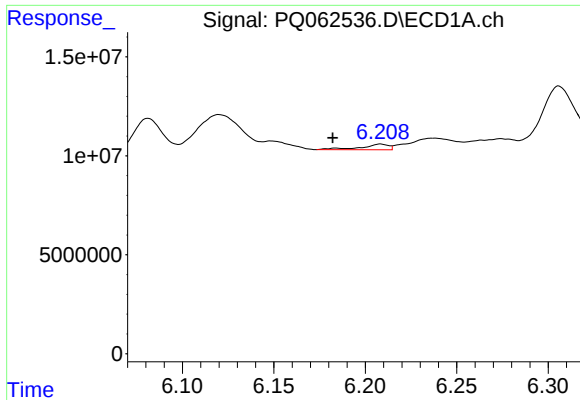
#28 AR-1254-3

R.T.: 5.880 min
Delta R.T.: -0.017 min
Response: 5837660
Conc: 19.01 ng/ml



#28 AR-1254-3

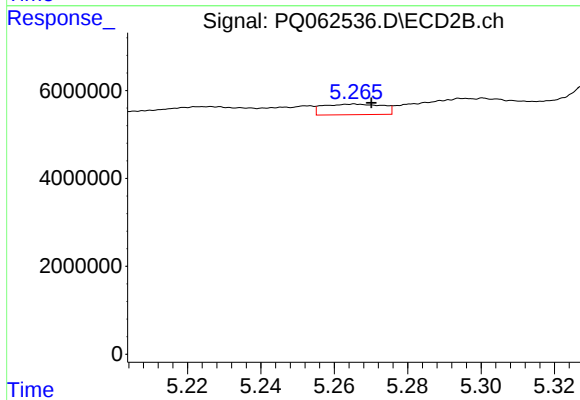
R.T.: 5.051 min
Delta R.T.: 0.007 min
Response: 41498689
Conc: 177.57 ng/ml



#29 AR-1254-4

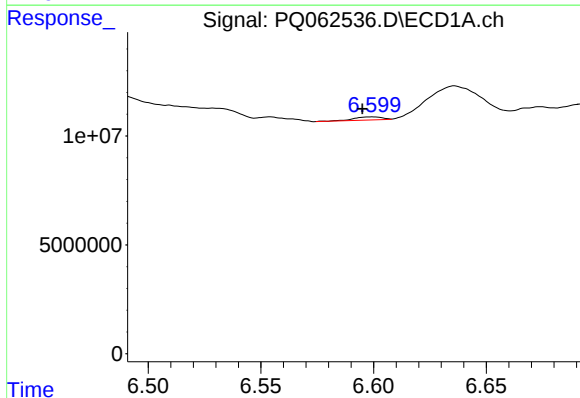
R.T.: 6.208 min
Delta R.T.: 0.026 min
Response: 2986487
Conc: 12.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



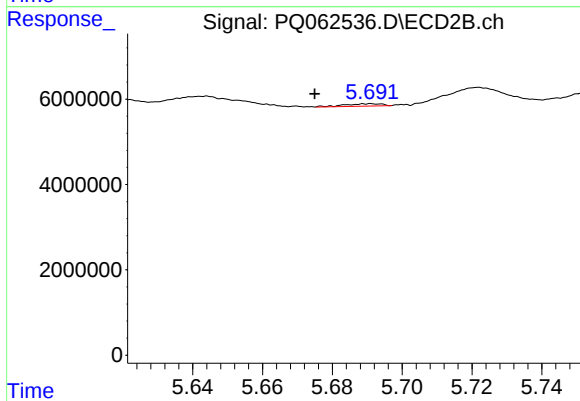
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 2715701
Conc: 17.82 ng/ml



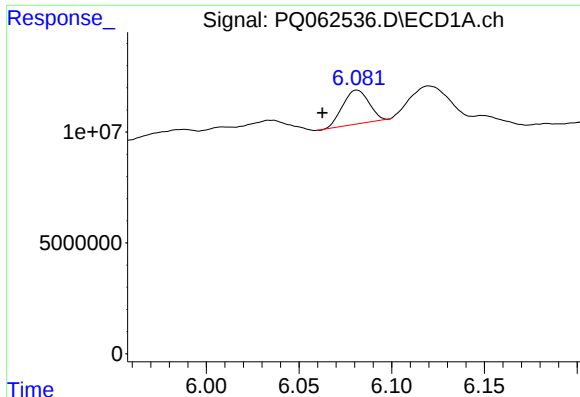
#30 AR-1254-5

R.T.: 6.599 min
Delta R.T.: 0.004 min
Response: 1224705
Conc: 4.77 ng/ml



#30 AR-1254-5

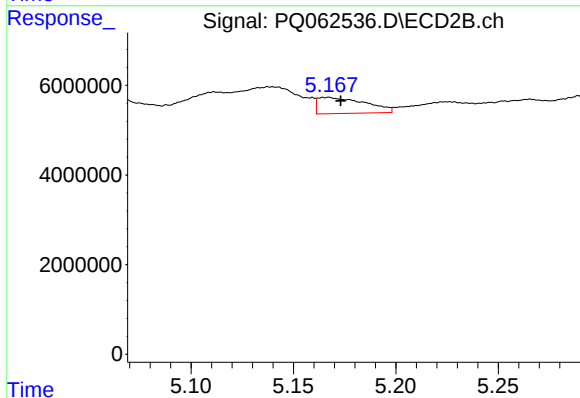
R.T.: 5.691 min
Delta R.T.: 0.016 min
Response: 407498
Conc: 1.77 ng/ml



#31 AR-1260-1

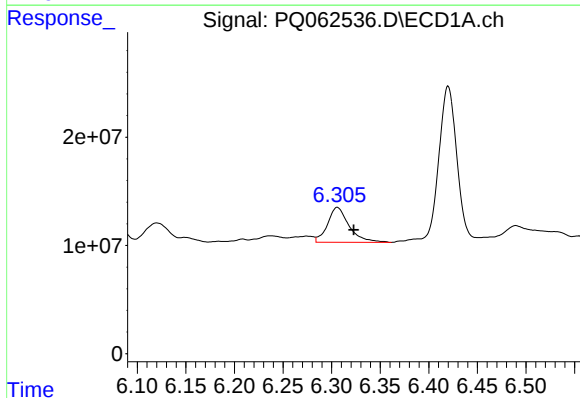
R.T.: 6.081 min
Delta R.T.: 0.019 min
Response: 15194522
Conc: 64.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



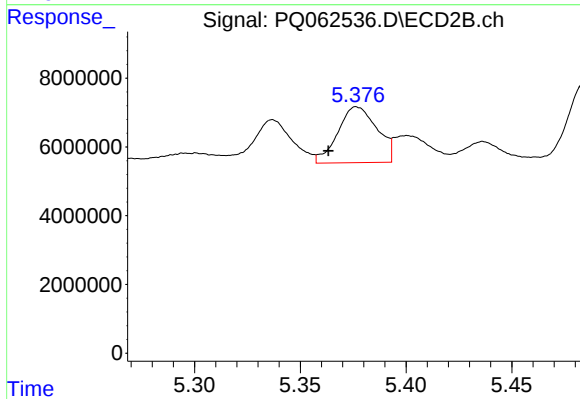
#31 AR-1260-1

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 5813360
Conc: 34.90 ng/ml



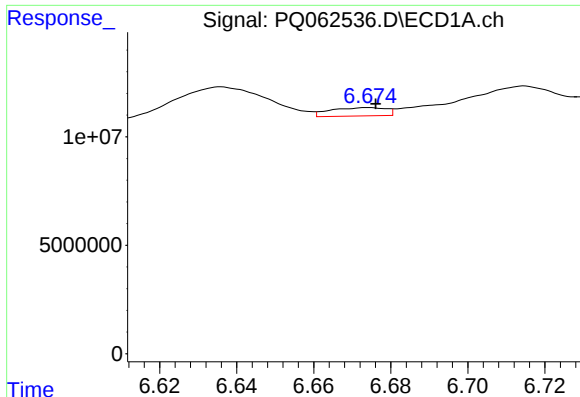
#32 AR-1260-2

R.T.: 6.306 min
Delta R.T.: -0.017 min
Response: 49829336
Conc: 172.53 ng/ml



#32 AR-1260-2

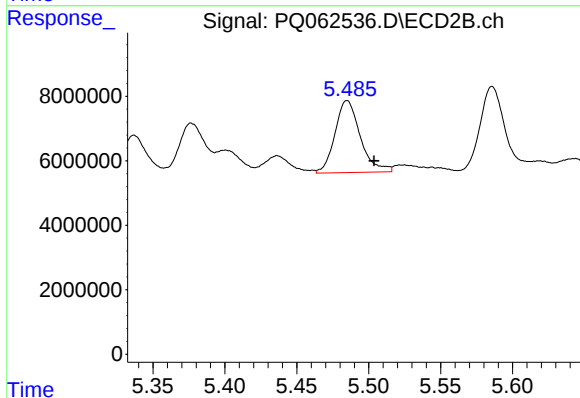
R.T.: 5.376 min
Delta R.T.: 0.013 min
Response: 21031145
Conc: 101.14 ng/ml



#33 AR-1260-3

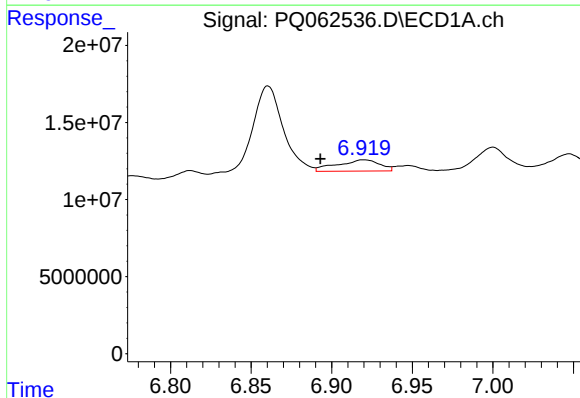
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 3816663
Conc: 21.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



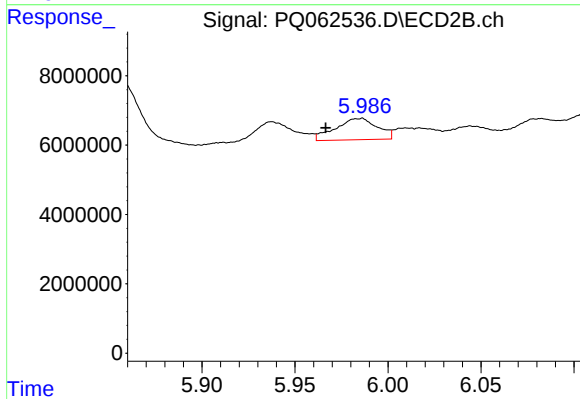
#33 AR-1260-3

R.T.: 5.485 min
Delta R.T.: -0.019 min
Response: 27491199
Conc: 141.30 ng/ml



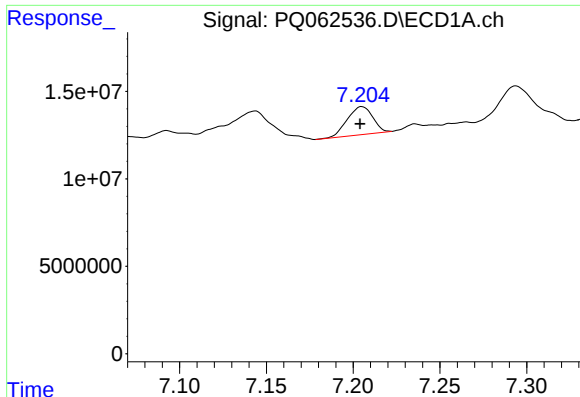
#34 AR-1260-4

R.T.: 6.920 min
Delta R.T.: 0.027 min
Response: 13392787
Conc: 63.58 ng/ml



#34 AR-1260-4

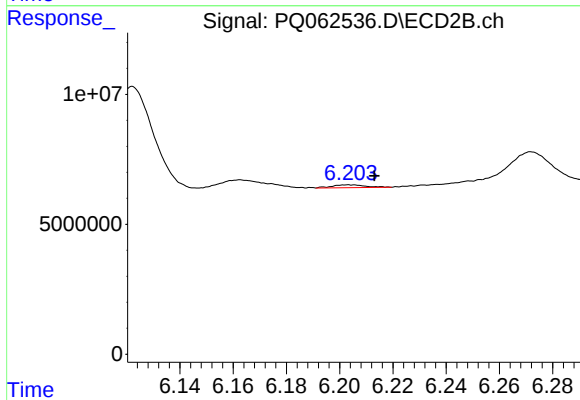
R.T.: 5.986 min
Delta R.T.: 0.020 min
Response: 9640124
Conc: 66.09 ng/ml



#35 AR-1260-5

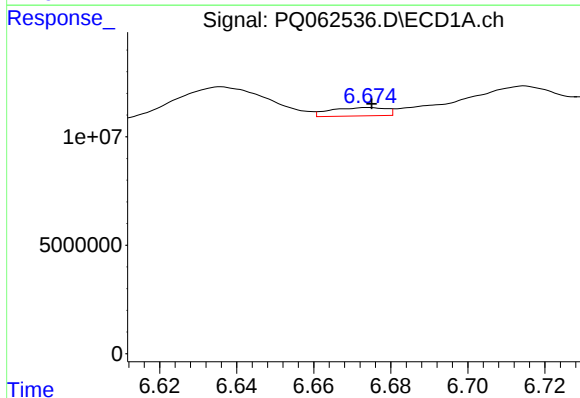
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 16321561
Conc: 39.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



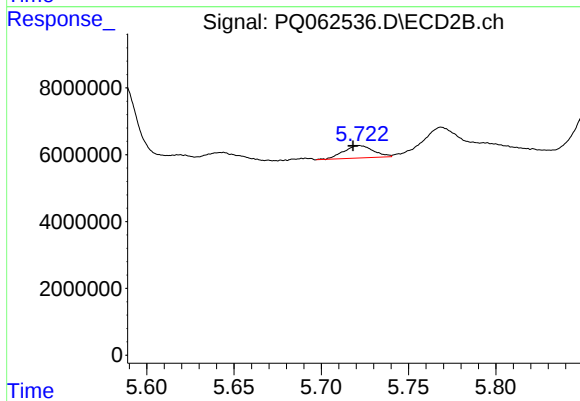
#35 AR-1260-5

R.T.: 6.203 min
Delta R.T.: -0.010 min
Response: 980696
Conc: 2.95 ng/ml



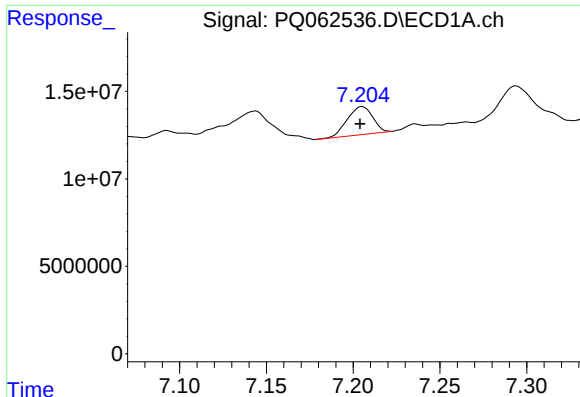
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 3816663
Conc: 12.52 ng/ml



#36 AR-1262-1

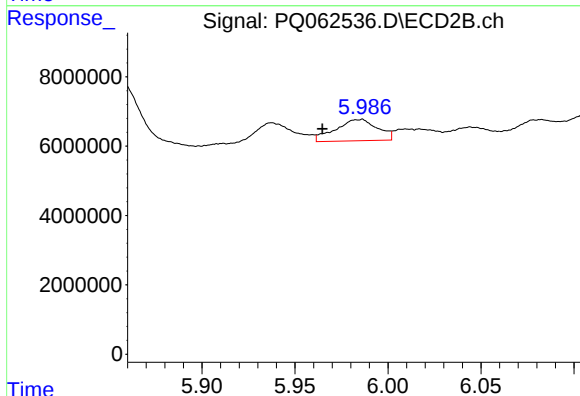
R.T.: 5.722 min
Delta R.T.: 0.004 min
Response: 4441148
Conc: 19.10 ng/ml



#37 AR-1262-2

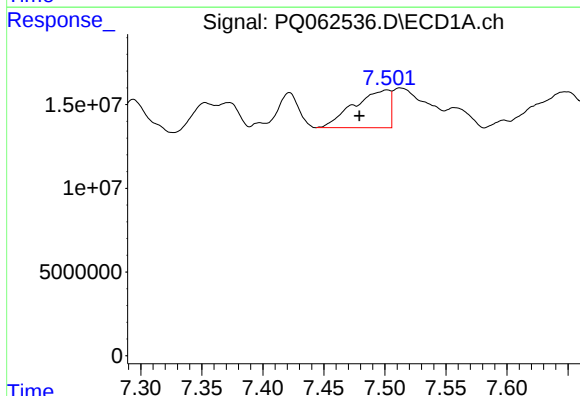
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 16321561
Conc: 30.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



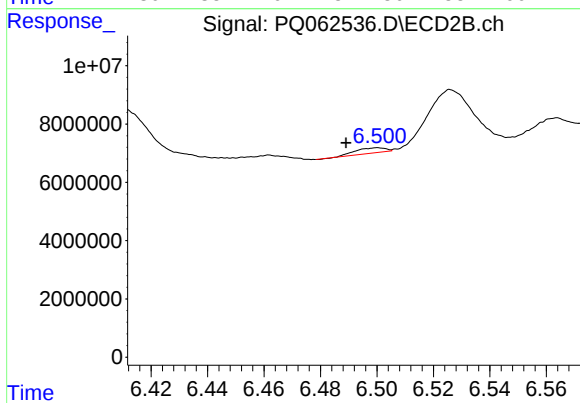
#37 AR-1262-2

R.T.: 5.986 min
Delta R.T.: 0.022 min
Response: 9640124
Conc: 44.59 ng/ml



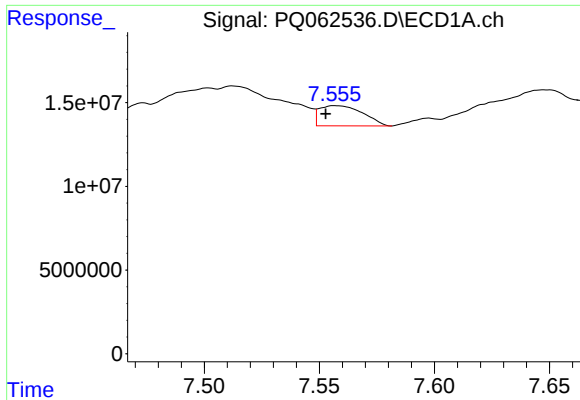
#38 AR-1262-3

R.T.: 7.502 min
Delta R.T.: 0.023 min
Response: 46207923
Conc: 131.16 ng/ml



#38 AR-1262-3

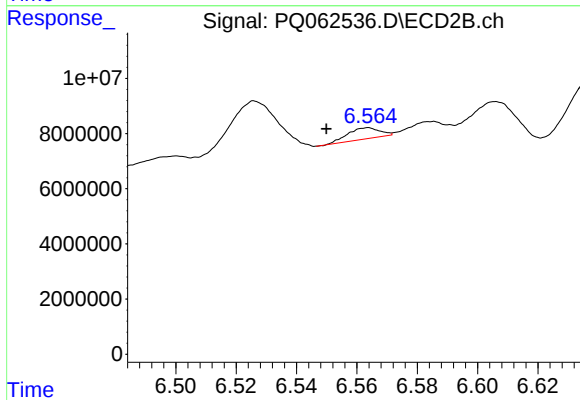
R.T.: 6.500 min
Delta R.T.: 0.011 min
Response: 1294830
Conc: 7.43 ng/ml



#39 AR-1262-4

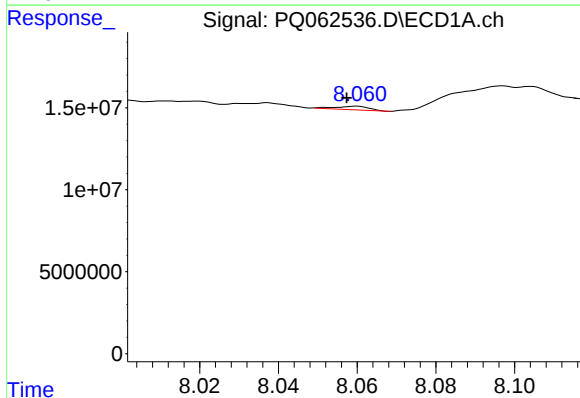
R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 15805365
Conc: 59.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



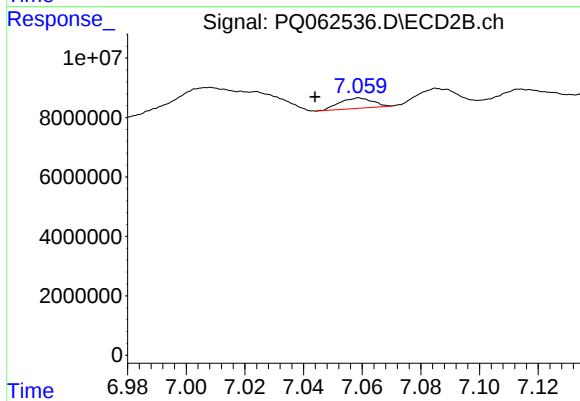
#39 AR-1262-4

R.T.: 6.564 min
Delta R.T.: 0.014 min
Response: 2935574
Conc: 9.11 ng/ml



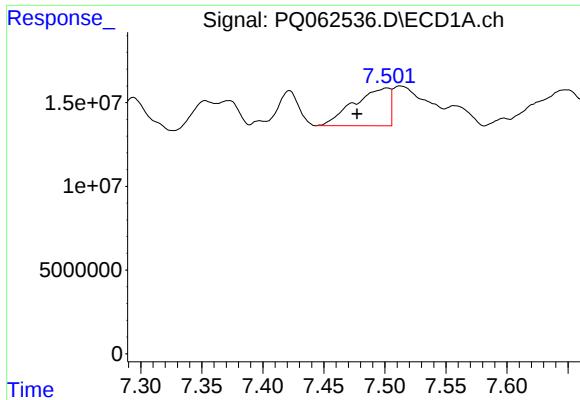
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 1239197
Conc: 6.98 ng/ml



#40 AR-1262-5

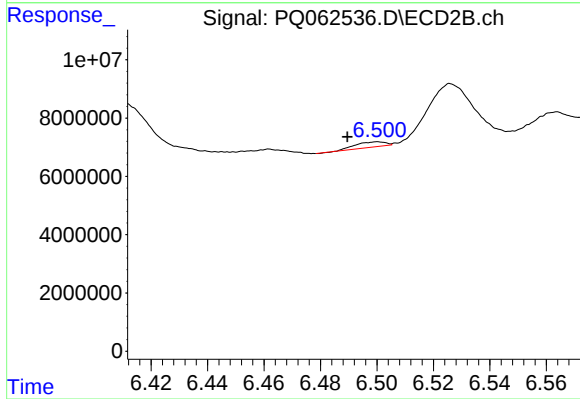
R.T.: 7.059 min
Delta R.T.: 0.015 min
Response: 2730438
Conc: 17.60 ng/ml



#41 AR-1268-1

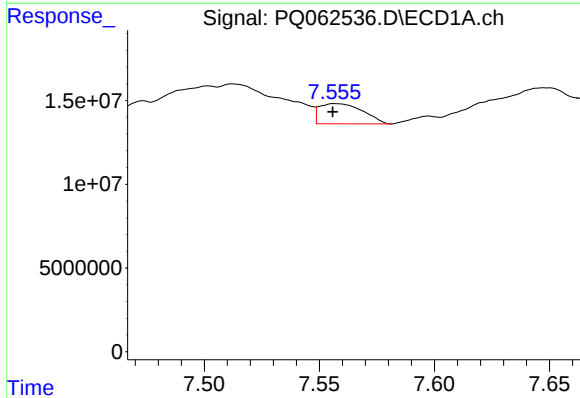
R.T.: 7.502 min
Delta R.T.: 0.024 min
Response: 46207923
Conc: 81.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



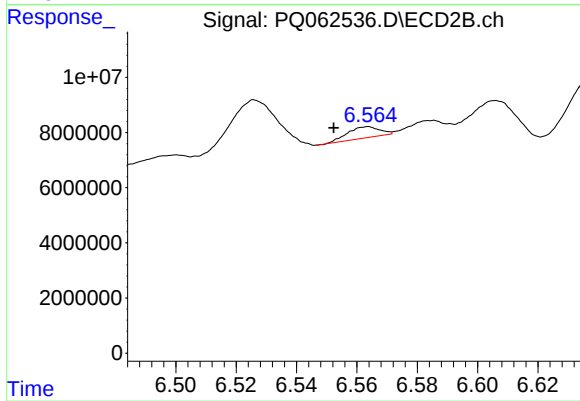
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.011 min
Response: 1294830
Conc: 2.75 ng/ml



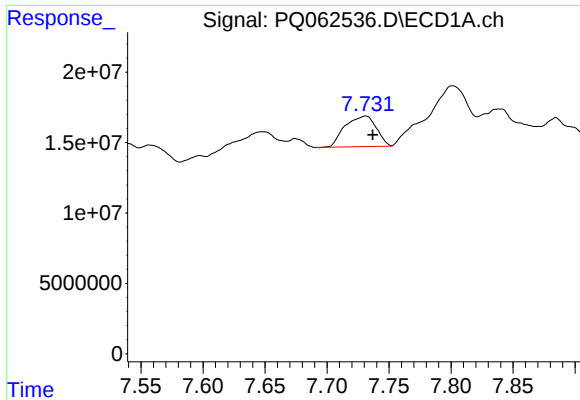
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 15805365
Conc: 31.00 ng/ml



#42 AR-1268-2

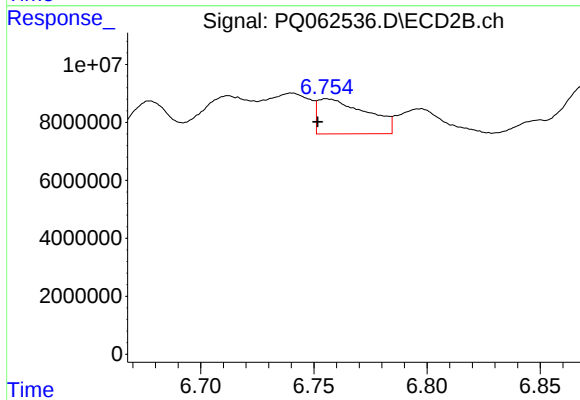
R.T.: 6.564 min
Delta R.T.: 0.011 min
Response: 2935574
Conc: 6.93 ng/ml



#43 AR-1268-3

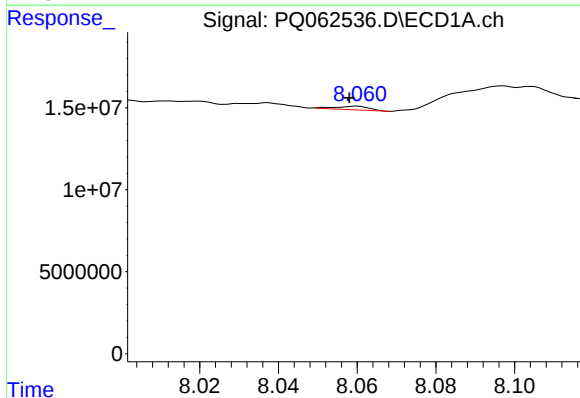
R.T.: 7.731 min
Delta R.T.: -0.006 min
Response: 38099734
Conc: 89.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



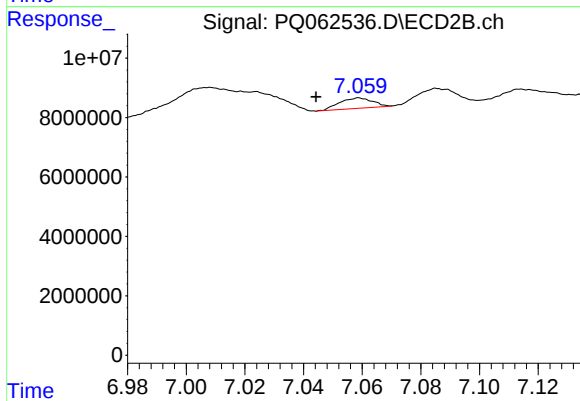
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 18098161
Conc: 49.14 ng/ml



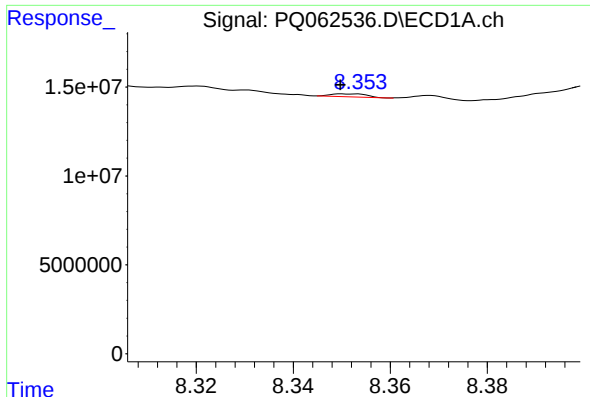
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 1239197
Conc: 6.77 ng/ml



#44 AR-1268-4

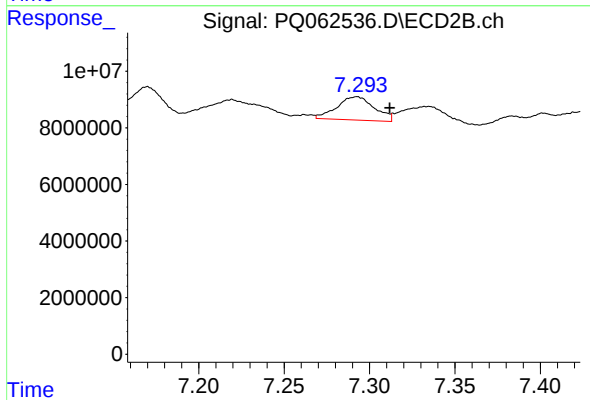
R.T.: 7.059 min
Delta R.T.: 0.015 min
Response: 2730438
Conc: 17.07 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 890642
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.293 min
Delta R.T.: -0.019 min
Response: 12621135
Conc: 10.82 ng/ml