

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 21:41
 Operator : YP\AJ
 Sample : 03664-06 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 06:03:18 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...	3.388	2.766	3235737	5673133	0.663	2.261 #
2)	SA Decachlor...	8.574	7.524	2785553	5440941	0.767	1.633 #
Target Compounds							
3)	L1 AR-1016-1	4.509	3.749	-3805199	38497333	N.D.	388.959 #
4)	L1 AR-1016-2	4.509	3.796	-3805199	9337260	N.D.	64.753 #
5)	L1 AR-1016-3	4.586	3.920	77634592	140638	509.394	1.864 #
6)	L1 AR-1016-4	4.688	3.969	9169055	22199012	73.150	337.992 #
7)	L1 AR-1016-5	4.963	4.175	5667035	1060947	46.559	12.941 #
8)	L2 AR-1221-1	3.603	2.964	79258614	2499207	1318.607	75.742 #
9)	L2 AR-1221-2	3.674	3.062f	16955020	11946524	377.343	470.334
10)	L2 AR-1221-3	3.765	3.111	8580056	14114359	61.060	183.087 #
11)	L3 AR-1232-1	3.765	3.111	8580056	14114359	81.250	246.330 #
12)	L3 AR-1232-2	4.258	3.796	9931871	9337260	167.907	140.294
14)	L3 AR-1232-4	4.688	4.021	9169055	17301694	161.808	581.769 #
15)	L3 AR-1232-5	4.778	4.175	51077993	1060947	1275.356	29.751 #
16)	L4 AR-1242-1	4.509	3.749	-3805199	38497333	N.D.	497.773 #
17)	L4 AR-1242-2	4.509	3.796	-3805199	9337260	N.D.	83.999 #
18)	L4 AR-1242-3	4.586	3.920	77634592	140638	642.436	2.401 #
19)	L4 AR-1242-4	4.688	4.021	9169055	17301694	94.055	295.109 #
20)	L4 AR-1242-5	5.389	4.509	11043208	7099851	115.358	85.651 #
21)	L5 AR-1248-1	4.509	3.749	-3805199	38497333	N.D.	615.757 #
22)	L5 AR-1248-2	4.778	3.969	51077993	22199012	355.543	236.742 #
23)	L5 AR-1248-3	4.963	4.021	5667035	17301694	32.623	191.087 #
24)	L5 AR-1248-4	5.349	4.175	17983418	1060947	93.698	9.402 #
25)	L5 AR-1248-5	5.389	4.555	11043208	15386537	60.971	137.340 #
26)	L6 AR-1254-1	5.349	4.509	17983418	7099851	96.778	43.972 #
27)	L6 AR-1254-2	5.556	4.669	53152372	5132443	182.835	34.861 #
28)	L6 AR-1254-3	5.891	5.056	18853375	44898705	61.384	192.120 #
29)	L6 AR-1254-4	6.206	5.249	11073785	11561453	47.692	75.855 #
30)	L6 AR-1254-5	6.603	5.669	13756677	3596150	53.555	15.581 #
31)	L7 AR-1260-1	6.056	5.177	12377403	4761351	52.462	28.588 #
32)	L7 AR-1260-2	6.308	5.379	24301900	19710891	84.144	94.788
33)	L7 AR-1260-3	6.669	5.510	3082856	35753001	17.459	183.765 #
34)	L7 AR-1260-4	6.916	5.944	32190409	5891771	152.815	40.393 #
35)	L7 AR-1260-5	7.206	6.226	52759944	28512062	128.492	85.864 #
36)	L8 AR-1262-1	6.669	5.723	3082856	6625236	10.110	28.499 #
37)	L8 AR-1262-2	7.206	5.944	52759944	5891771	100.168	27.251 #
38)	L8 AR-1262-3	7.513f	6.491	44550110	739469	126.454	4.242 #
39)	L8 AR-1262-4	7.513f	6.566	44550110	3238065	167.029	10.047 #
40)	L8 AR-1262-5	8.054	7.057	11742450	2350376	66.151	15.152 #
41)	L9 AR-1268-1	7.513f	6.491	44550110	739469	78.505	1.572 #
42)	L9 AR-1268-2	7.513f	6.566	44550110	3238065	87.375	7.642 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 21:41
 Operator : YP\AJ
 Sample : 03664-06 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

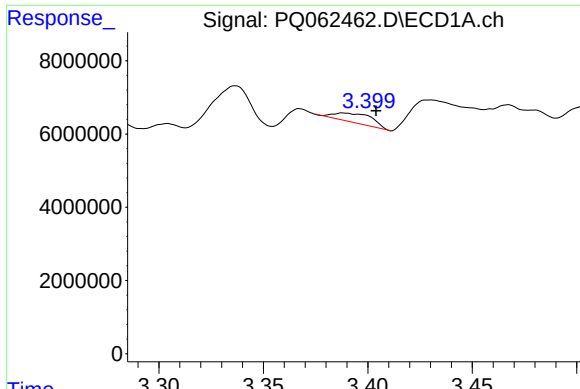
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 06:03:18 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
43) L9	AR-1268-3	7.712f	6.732	-2016243	37649182	N.D.	102.219 #
44) L9	AR-1268-4	8.054	7.057	11742450	2350376	64.172	14.696 #
45) L9	AR-1268-5	8.335	7.323	-5901	3099893	N.D.	2.656 #

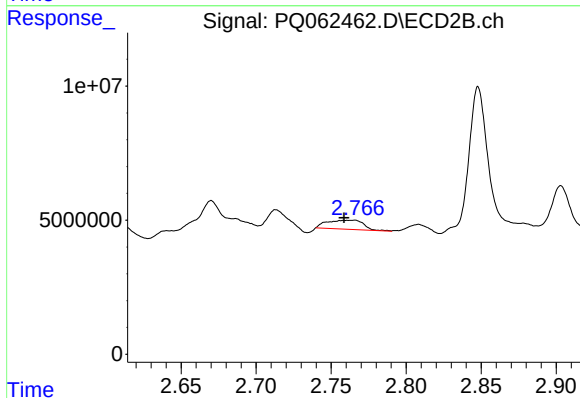
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

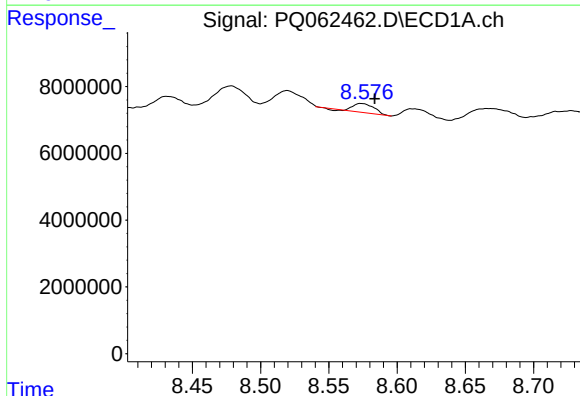
R.T.: 3.388 min
Delta R.T.: -0.016 min
Response: 3235737
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



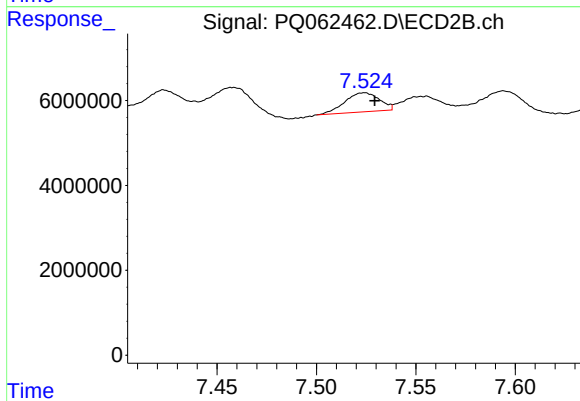
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.007 min
Response: 5673133
Conc: 2.26 ng/ml



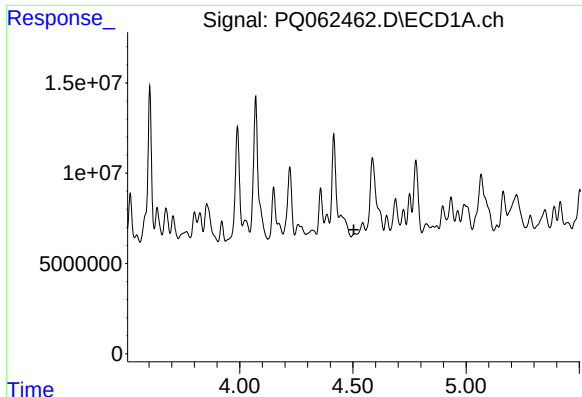
#2 Decachlorobiphenyl

R.T.: 8.574 min
Delta R.T.: -0.010 min
Response: 2785553
Conc: 0.77 ng/ml



#2 Decachlorobiphenyl

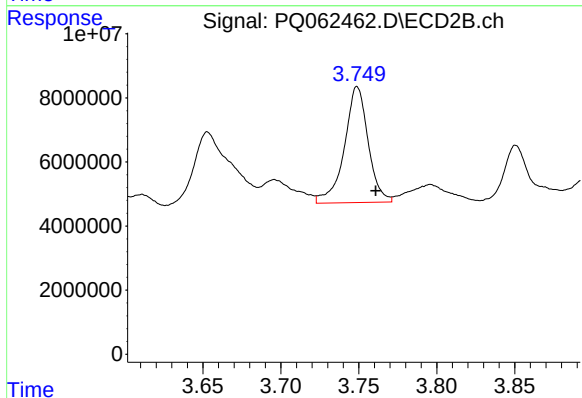
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 5440941
Conc: 1.63 ng/ml



#3 AR-1016-1

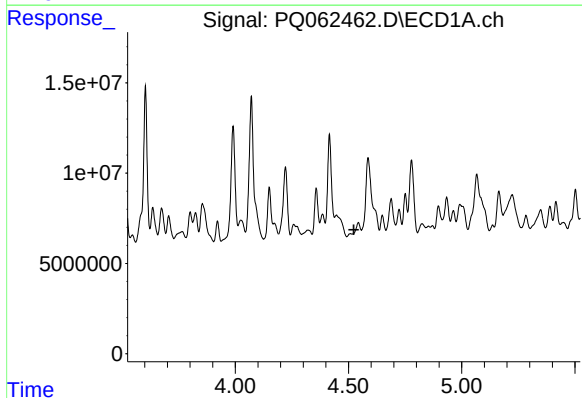
R.T.: 4.509 min
Delta R.T.: 0.004 min
Response: -3805199
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



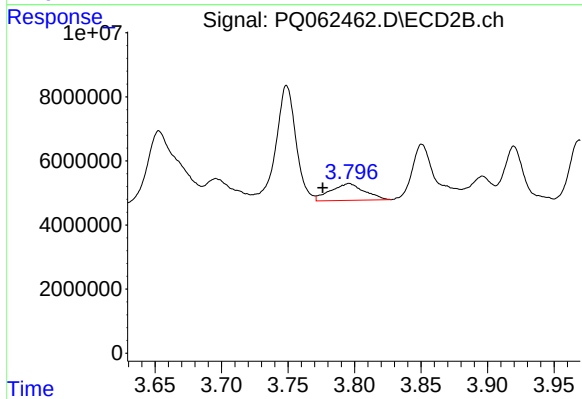
#3 AR-1016-1

R.T.: 3.749 min
Delta R.T.: -0.012 min
Response: 38497333
Conc: 388.96 ng/ml



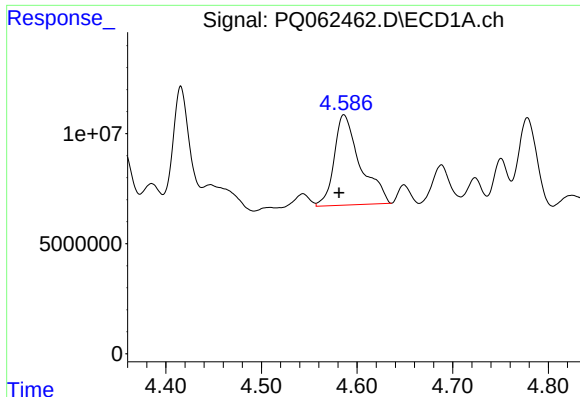
#4 AR-1016-2

R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -3805199
Conc: N.D.



#4 AR-1016-2

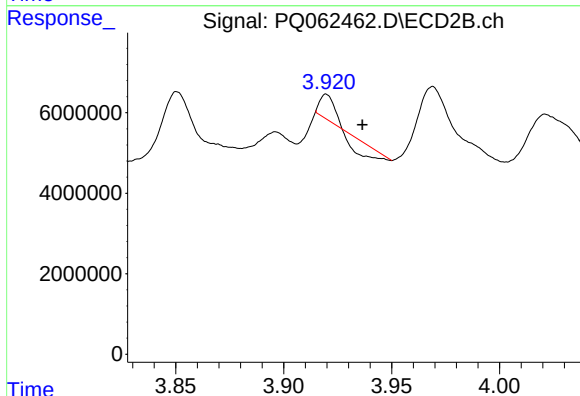
R.T.: 3.796 min
Delta R.T.: 0.020 min
Response: 9337260
Conc: 64.75 ng/ml



#5 AR-1016-3

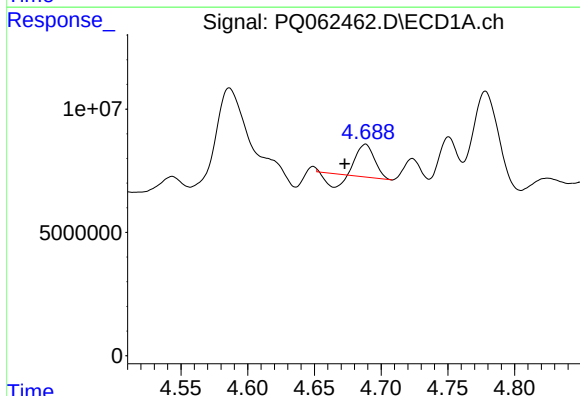
R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 77634592
Conc: 509.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



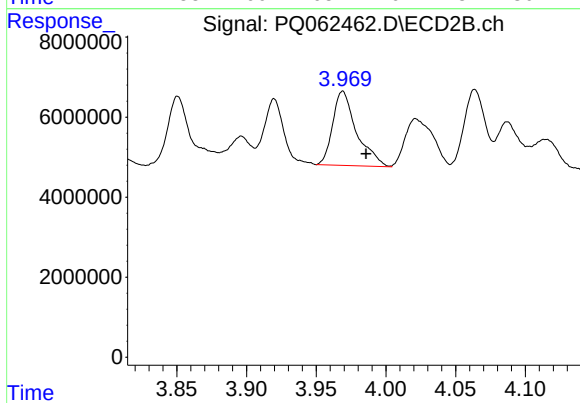
#5 AR-1016-3

R.T.: 3.920 min
Delta R.T.: -0.017 min
Response: 140638
Conc: 1.86 ng/ml



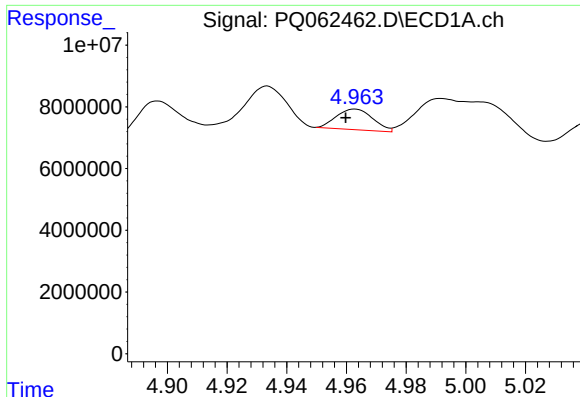
#6 AR-1016-4

R.T.: 4.688 min
Delta R.T.: 0.016 min
Response: 9169055
Conc: 73.15 ng/ml



#6 AR-1016-4

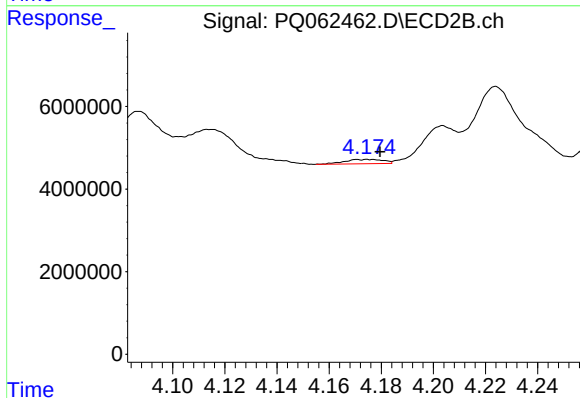
R.T.: 3.969 min
Delta R.T.: -0.017 min
Response: 22199012
Conc: 337.99 ng/ml



#7 AR-1016-5

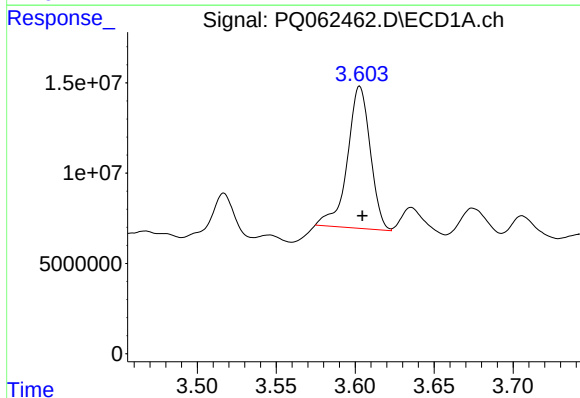
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 5667035
Conc: 46.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



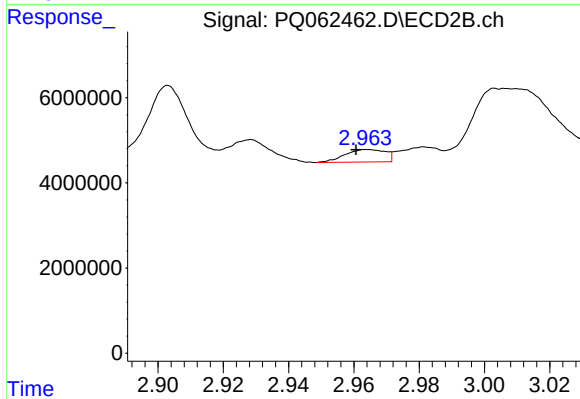
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 1060947
Conc: 12.94 ng/ml



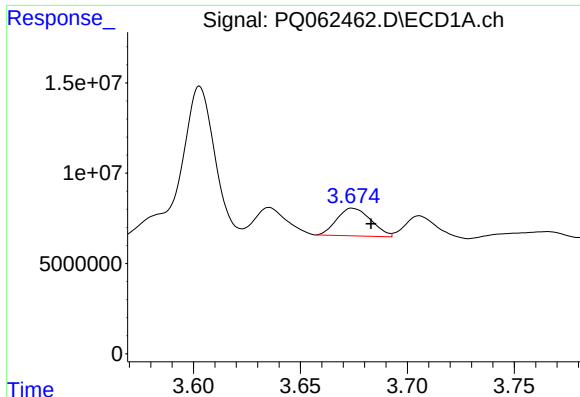
#8 AR-1221-1

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 79258614
Conc: 1318.61 ng/ml



#8 AR-1221-1

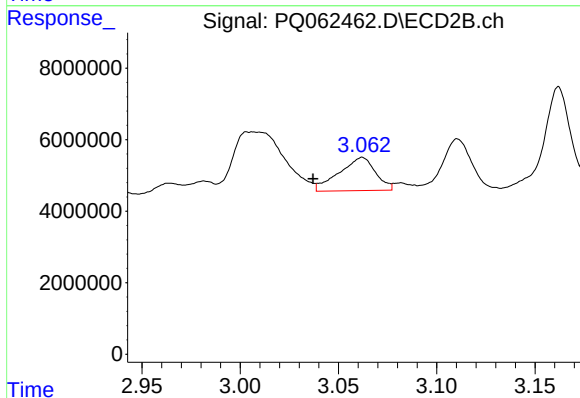
R.T.: 2.964 min
Delta R.T.: 0.003 min
Response: 2499207
Conc: 75.74 ng/ml



#9 AR-1221-2

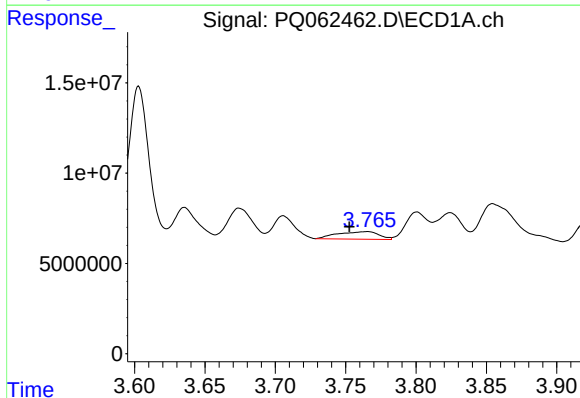
R.T.: 3.674 min
Delta R.T.: -0.009 min
Response: 16955020
Conc: 377.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



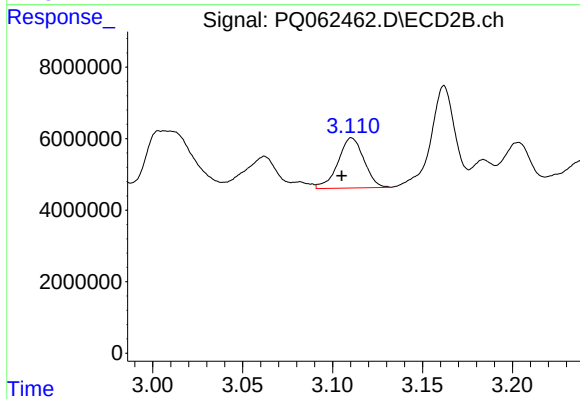
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.025 min
Response: 11946524
Conc: 470.33 ng/ml



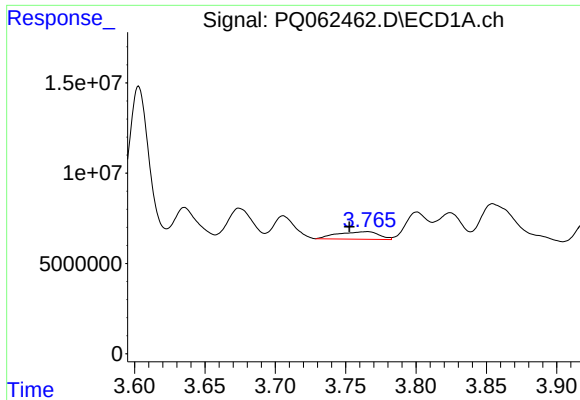
#10 AR-1221-3

R.T.: 3.765 min
Delta R.T.: 0.013 min
Response: 8580056
Conc: 61.06 ng/ml



#10 AR-1221-3

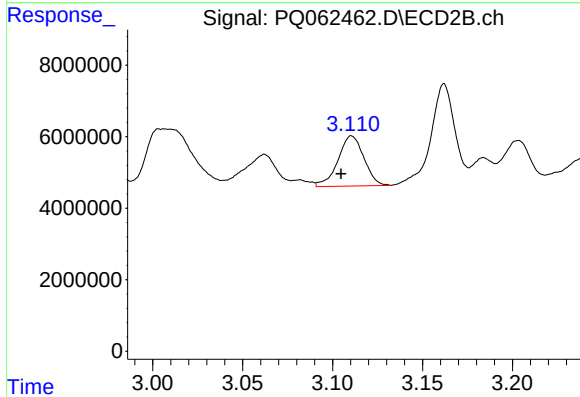
R.T.: 3.111 min
Delta R.T.: 0.005 min
Response: 14114359
Conc: 183.09 ng/ml



#11 AR-1232-1

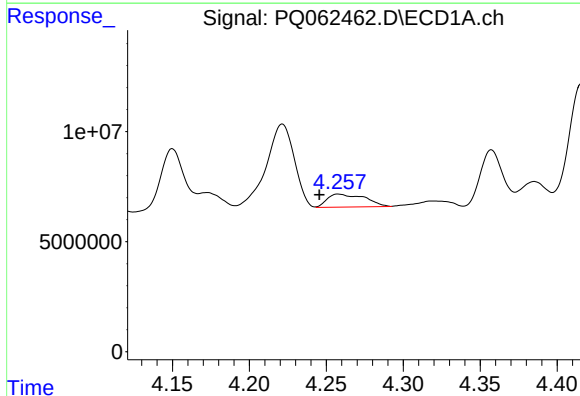
R.T.: 3.765 min
Delta R.T.: 0.013 min
Response: 8580056
Conc: 81.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



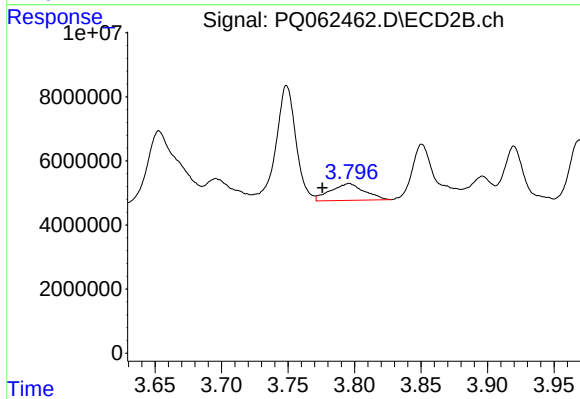
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.006 min
Response: 14114359
Conc: 246.33 ng/ml



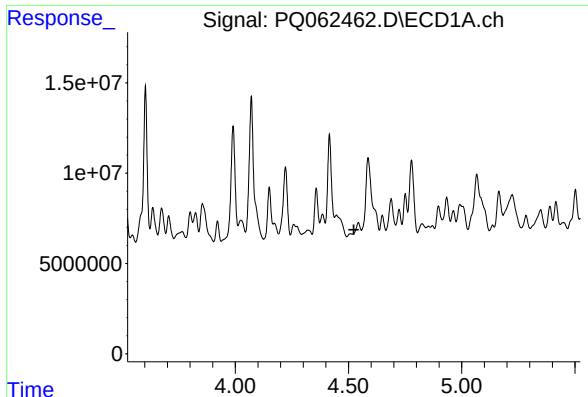
#12 AR-1232-2

R.T.: 4.258 min
Delta R.T.: 0.012 min
Response: 9931871
Conc: 167.91 ng/ml



#12 AR-1232-2

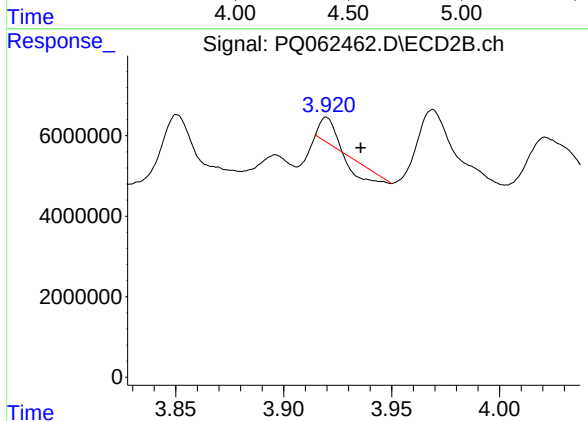
R.T.: 3.796 min
Delta R.T.: 0.020 min
Response: 9337260
Conc: 140.29 ng/ml



#13 AR-1232-3

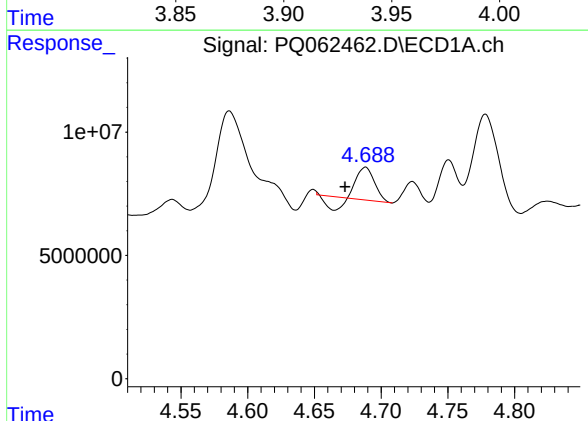
R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -3805199
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



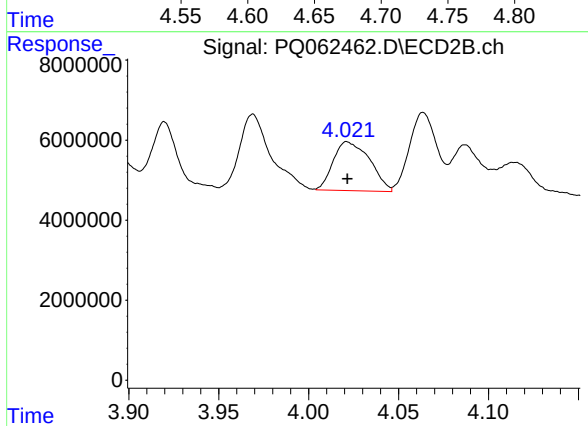
#13 AR-1232-3

R.T.: 3.920 min
Delta R.T.: -0.016 min
Response: 140638
Conc: 4.07 ng/ml



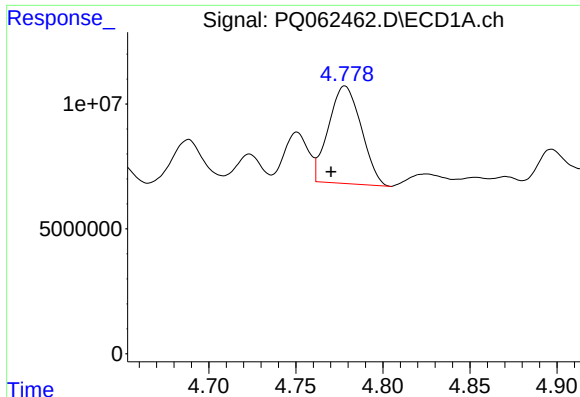
#14 AR-1232-4

R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: 9169055
Conc: 161.81 ng/ml



#14 AR-1232-4

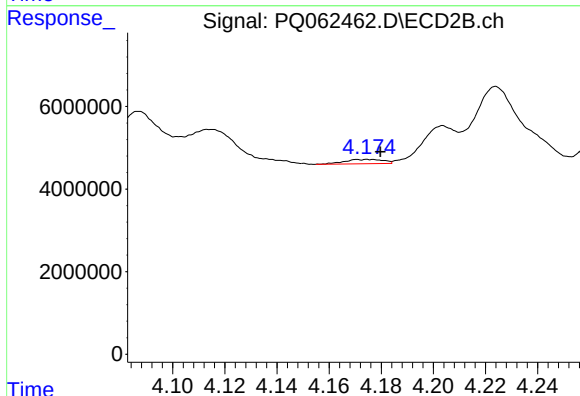
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 17301694
Conc: 581.77 ng/ml



#15 AR-1232-5

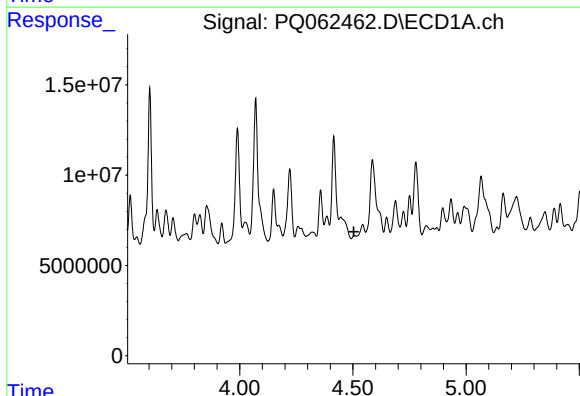
R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 51077993
Conc: 1275.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



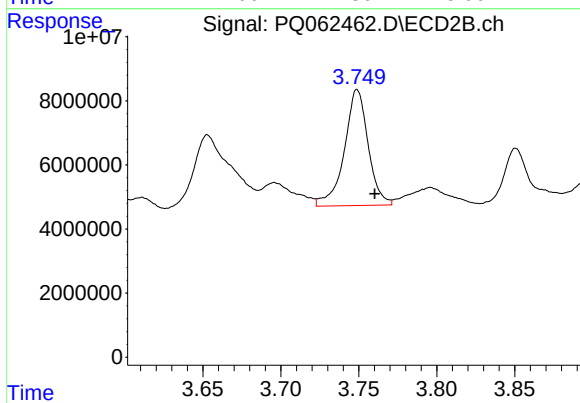
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 1060947
Conc: 29.75 ng/ml



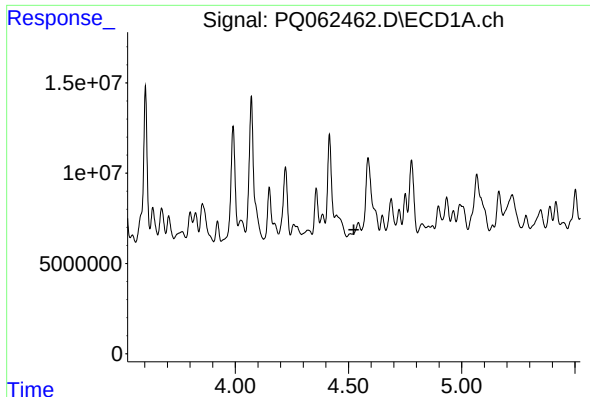
#16 AR-1242-1

R.T.: 4.509 min
Delta R.T.: 0.004 min
Response: -3805199
Conc: N.D.



#16 AR-1242-1

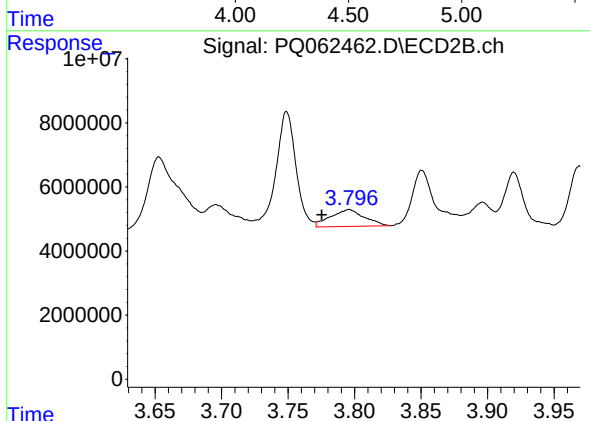
R.T.: 3.749 min
Delta R.T.: -0.011 min
Response: 38497333
Conc: 497.77 ng/ml



#17 AR-1242-2

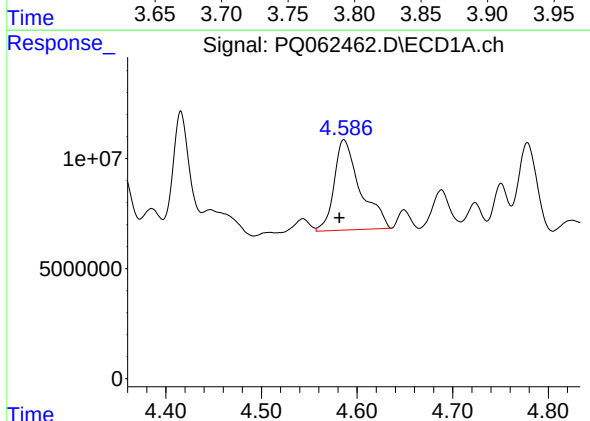
R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -3805199
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



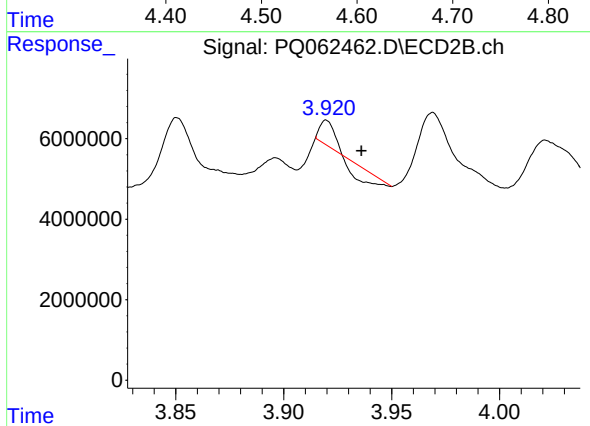
#17 AR-1242-2

R.T.: 3.796 min
Delta R.T.: 0.021 min
Response: 9337260
Conc: 84.00 ng/ml



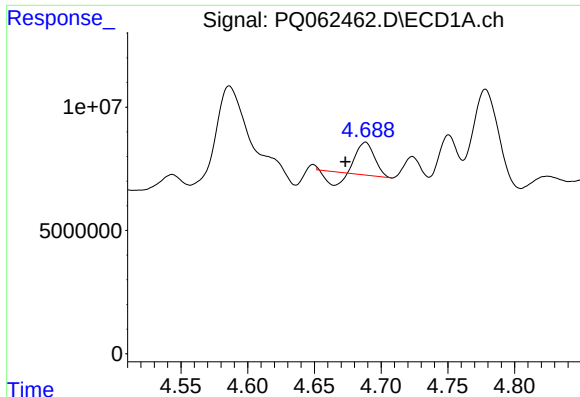
#18 AR-1242-3

R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 77634592
Conc: 642.44 ng/ml



#18 AR-1242-3

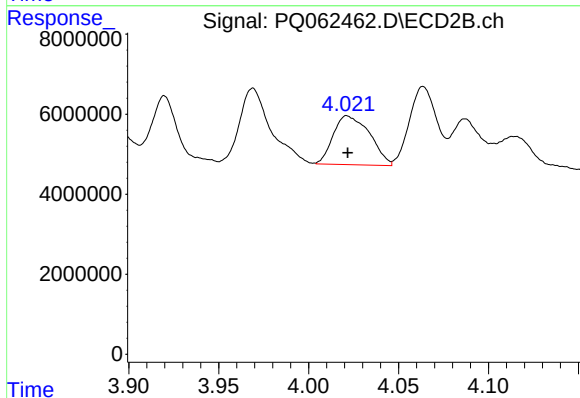
R.T.: 3.920 min
Delta R.T.: -0.016 min
Response: 140638
Conc: 2.40 ng/ml



#19 AR-1242-4

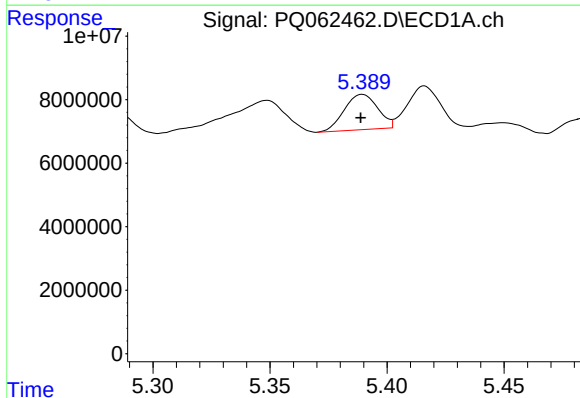
R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: 9169055
Conc: 94.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



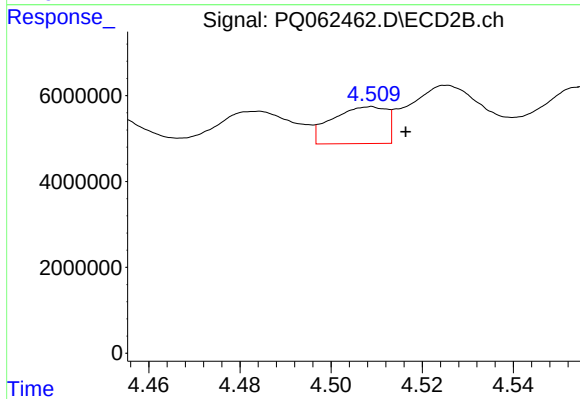
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 17301694
Conc: 295.11 ng/ml



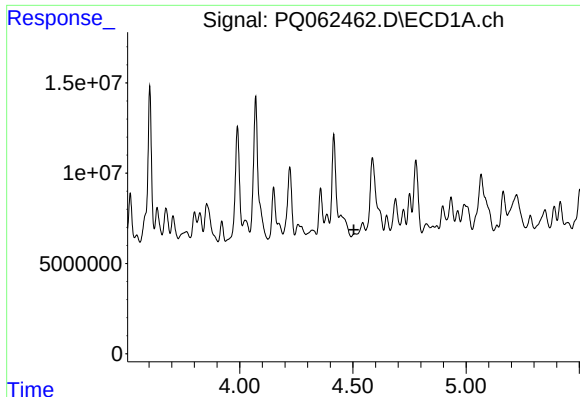
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 11043208
Conc: 115.36 ng/ml



#20 AR-1242-5

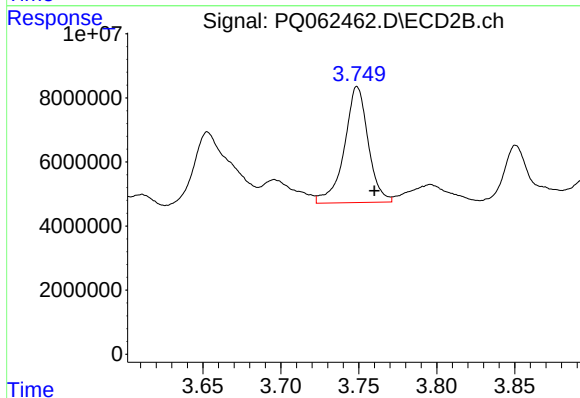
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 7099851
Conc: 85.65 ng/ml



#21 AR-1248-1

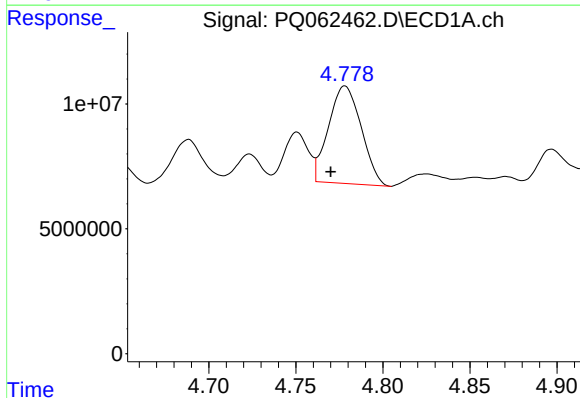
R.T.: 4.509 min
Delta R.T.: 0.004 min
Response: -3805199
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



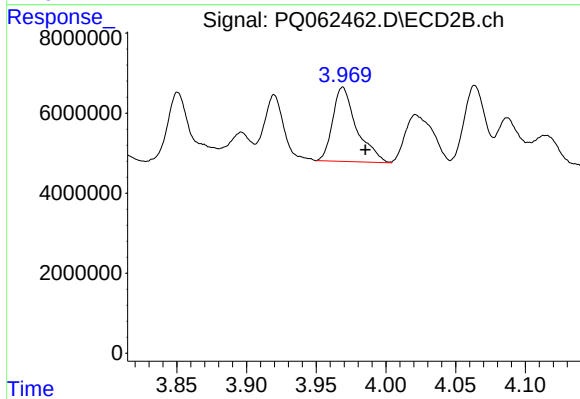
#21 AR-1248-1

R.T.: 3.749 min
Delta R.T.: -0.011 min
Response: 38497333
Conc: 615.76 ng/ml



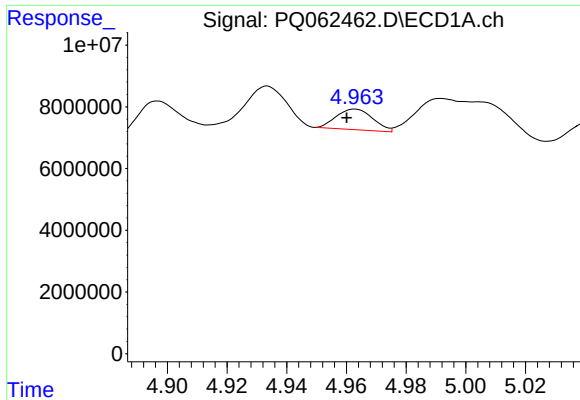
#22 AR-1248-2

R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 51077993
Conc: 355.54 ng/ml



#22 AR-1248-2

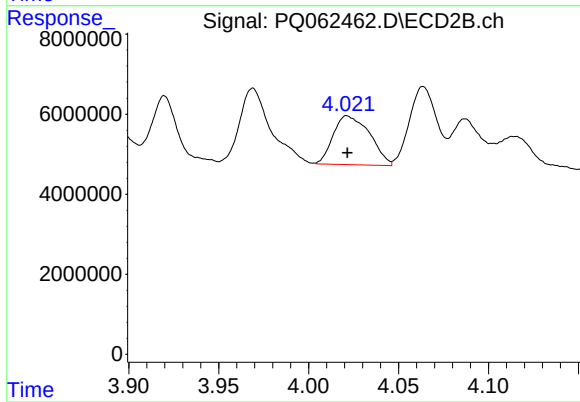
R.T.: 3.969 min
Delta R.T.: -0.016 min
Response: 22199012
Conc: 236.74 ng/ml



#23 AR-1248-3

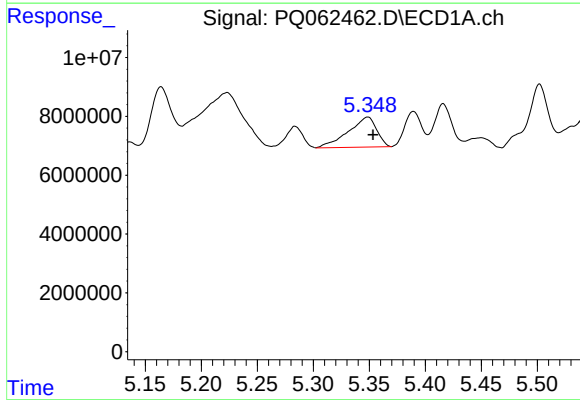
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 5667035
Conc: 32.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



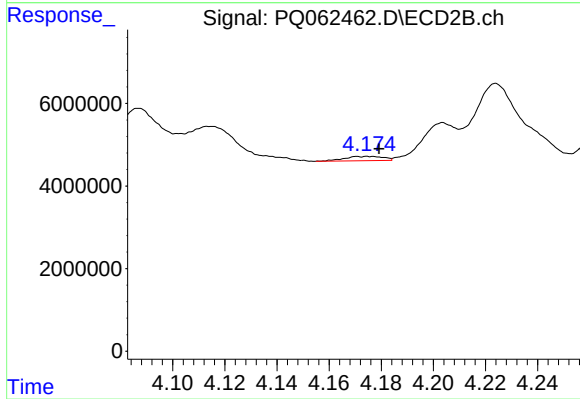
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 17301694
Conc: 191.09 ng/ml



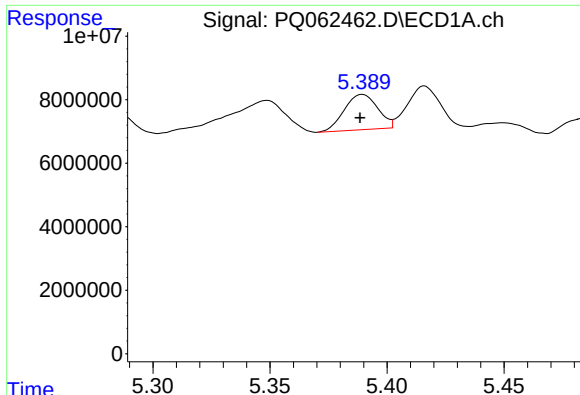
#24 AR-1248-4

R.T.: 5.349 min
Delta R.T.: -0.005 min
Response: 17983418
Conc: 93.70 ng/ml



#24 AR-1248-4

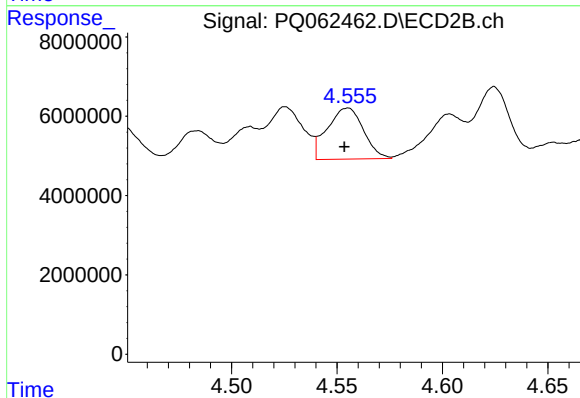
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 1060947
Conc: 9.40 ng/ml



#25 AR-1248-5

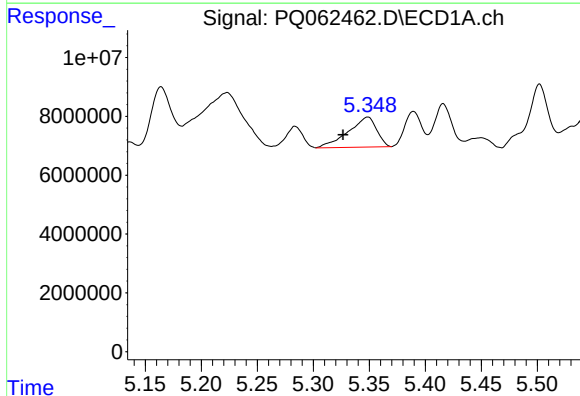
R.T.: 5.389 min
Delta R.T.: 0.001 min
Response: 11043208
Conc: 60.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



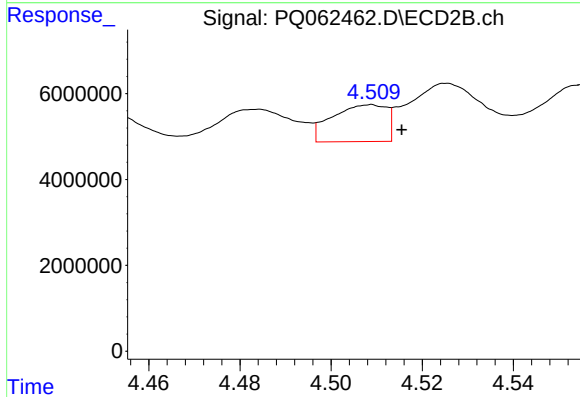
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: 0.001 min
Response: 15386537
Conc: 137.34 ng/ml



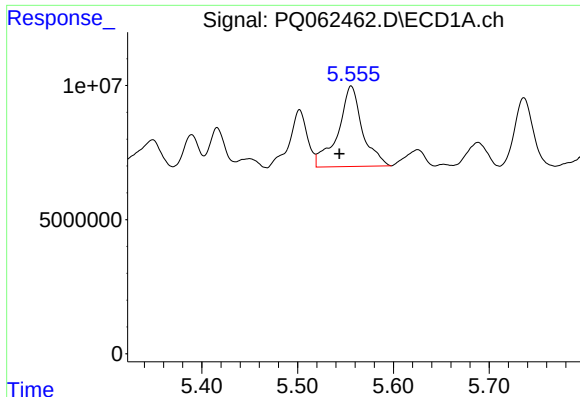
#26 AR-1254-1

R.T.: 5.349 min
Delta R.T.: 0.022 min
Response: 17983418
Conc: 96.78 ng/ml



#26 AR-1254-1

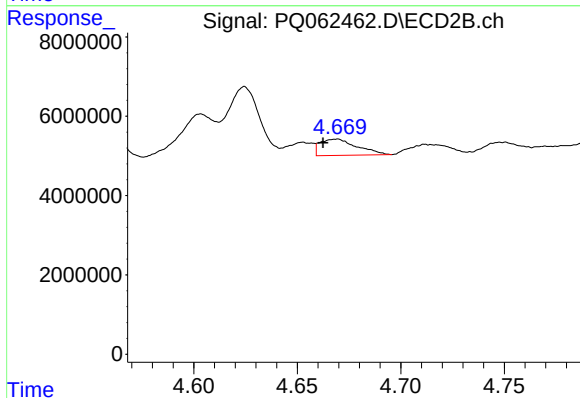
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 7099851
Conc: 43.97 ng/ml



#27 AR-1254-2

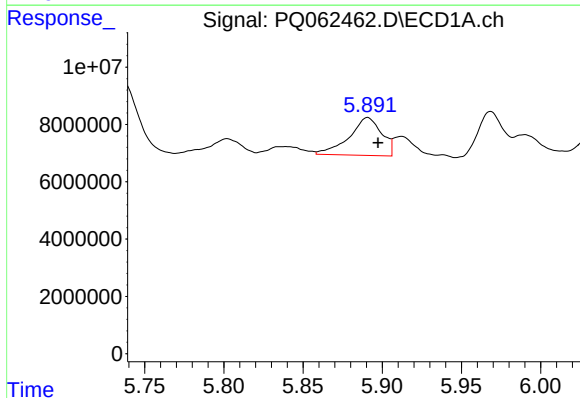
R.T.: 5.556 min
Delta R.T.: 0.012 min
Response: 53152372
Conc: 182.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



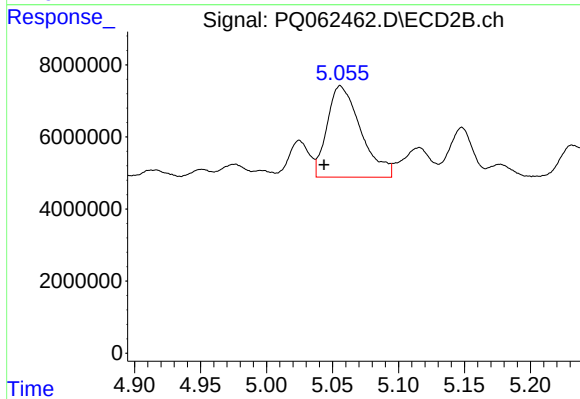
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: 0.006 min
Response: 5132443
Conc: 34.86 ng/ml



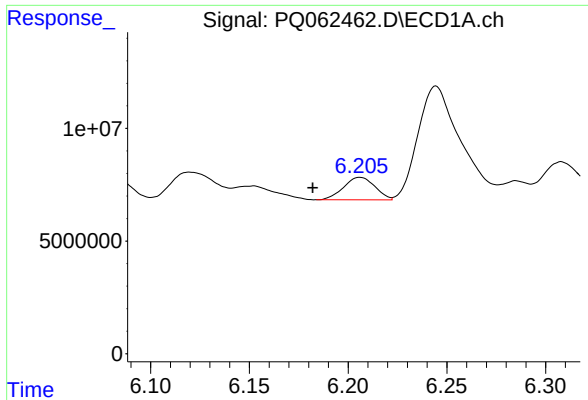
#28 AR-1254-3

R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 18853375
Conc: 61.38 ng/ml



#28 AR-1254-3

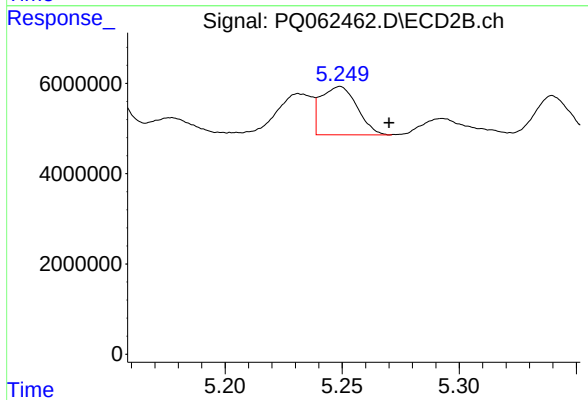
R.T.: 5.056 min
Delta R.T.: 0.012 min
Response: 44898705
Conc: 192.12 ng/ml



#29 AR-1254-4

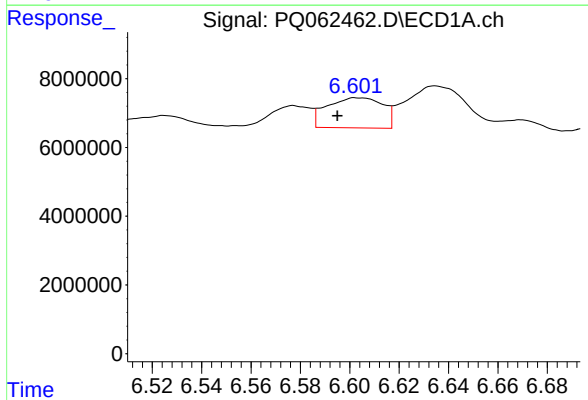
R.T.: 6.206 min
Delta R.T.: 0.024 min
Response: 11073785
Conc: 47.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



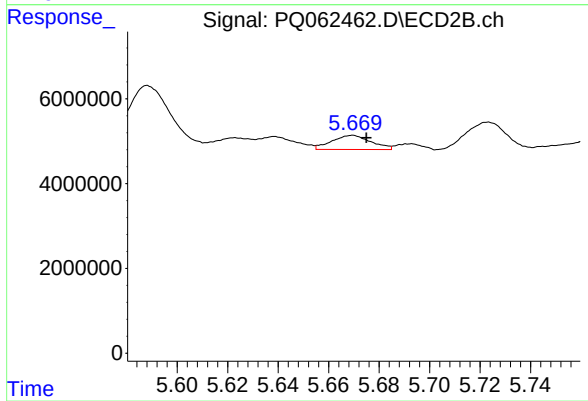
#29 AR-1254-4

R.T.: 5.249 min
Delta R.T.: -0.021 min
Response: 11561453
Conc: 75.86 ng/ml



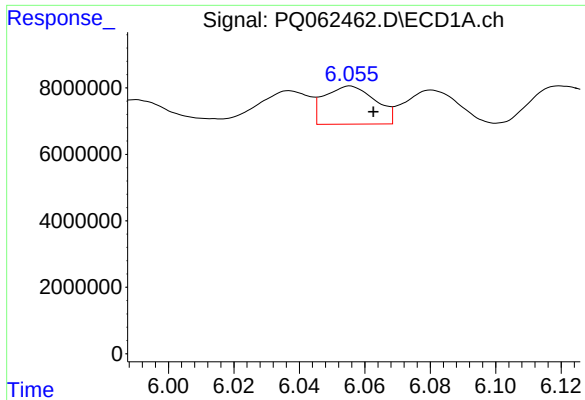
#30 AR-1254-5

R.T.: 6.603 min
Delta R.T.: 0.008 min
Response: 13756677
Conc: 53.55 ng/ml



#30 AR-1254-5

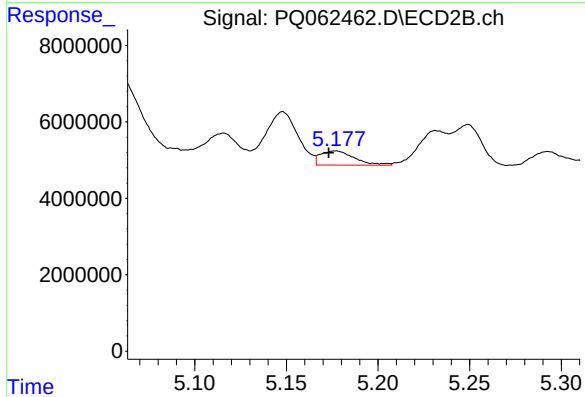
R.T.: 5.669 min
Delta R.T.: -0.006 min
Response: 3596150
Conc: 15.58 ng/ml



#31 AR-1260-1

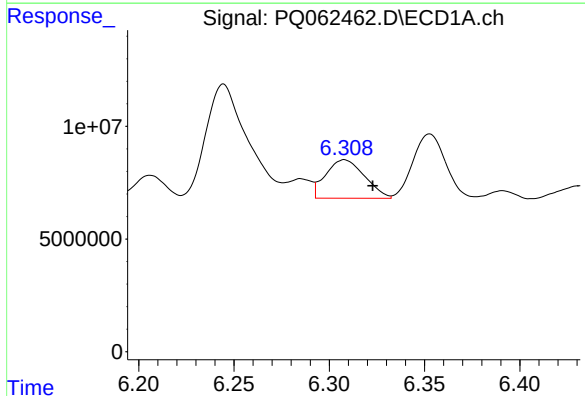
R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 12377403
Conc: 52.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



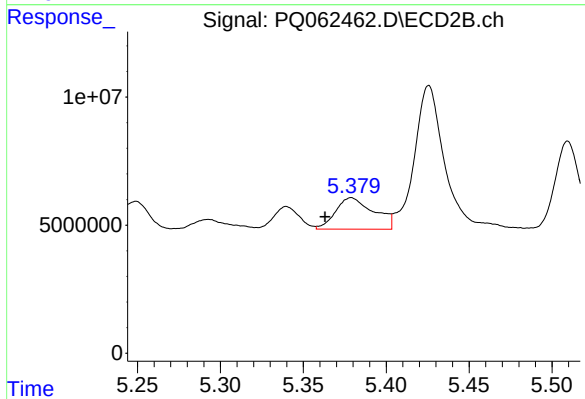
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 4761351
Conc: 28.59 ng/ml



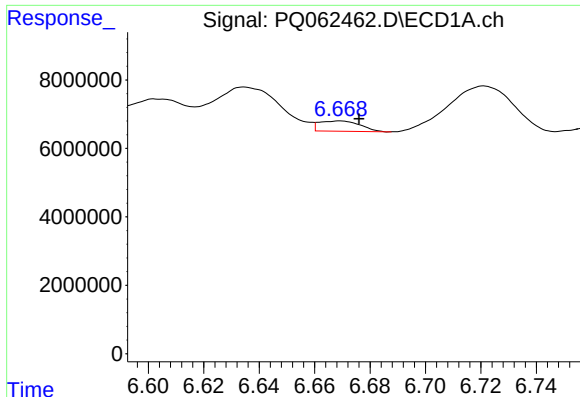
#32 AR-1260-2

R.T.: 6.308 min
Delta R.T.: -0.015 min
Response: 24301900
Conc: 84.14 ng/ml



#32 AR-1260-2

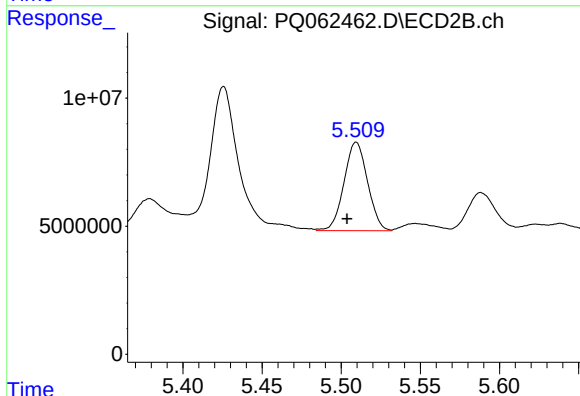
R.T.: 5.379 min
Delta R.T.: 0.016 min
Response: 19710891
Conc: 94.79 ng/ml



#33 AR-1260-3

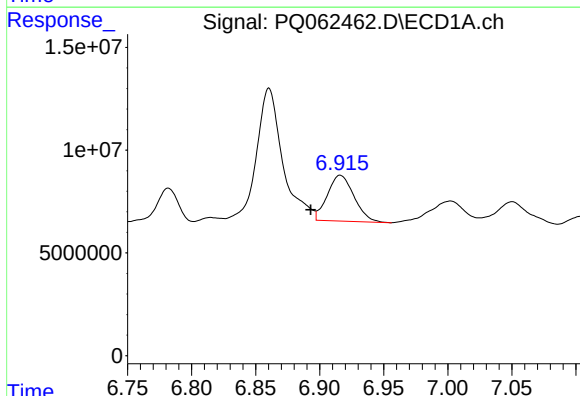
R.T.: 6.669 min
Delta R.T.: -0.007 min
Response: 3082856
Conc: 17.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



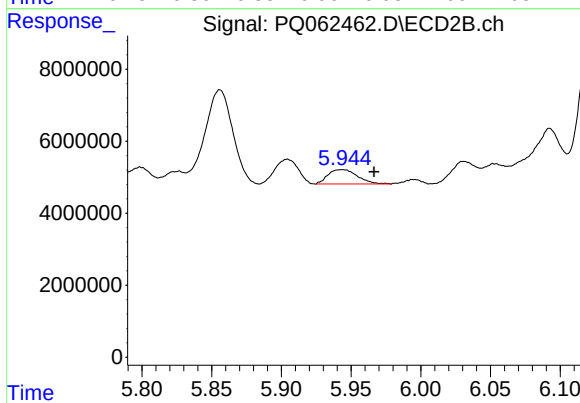
#33 AR-1260-3

R.T.: 5.510 min
Delta R.T.: 0.006 min
Response: 35753001
Conc: 183.76 ng/ml



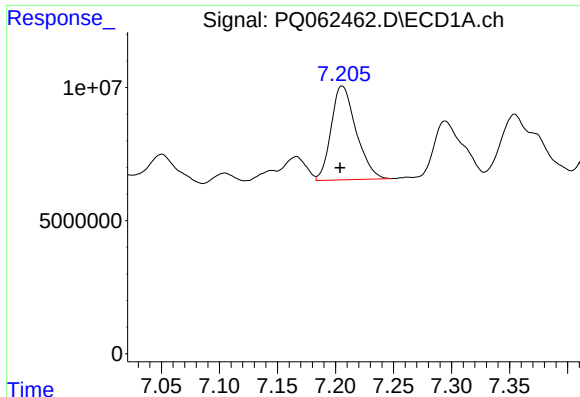
#34 AR-1260-4

R.T.: 6.916 min
Delta R.T.: 0.023 min
Response: 32190409
Conc: 152.81 ng/ml



#34 AR-1260-4

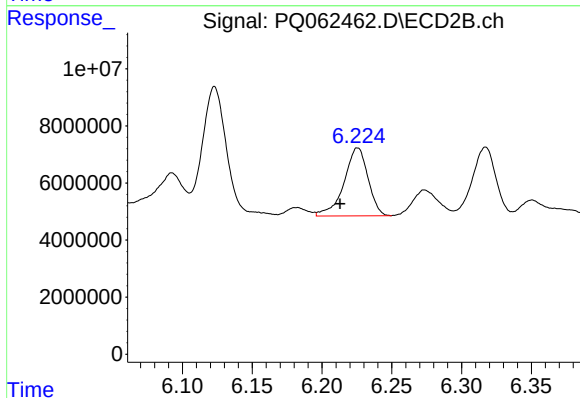
R.T.: 5.944 min
Delta R.T.: -0.023 min
Response: 5891771
Conc: 40.39 ng/ml



#35 AR-1260-5

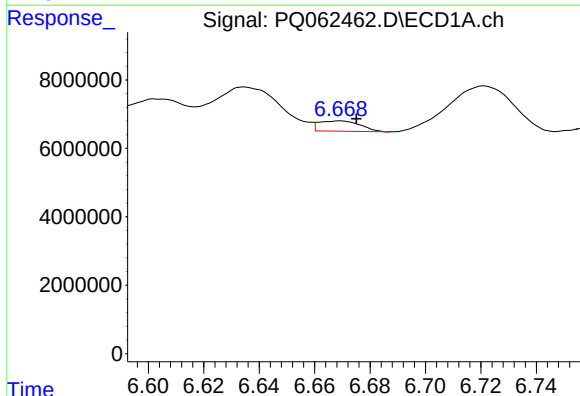
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 52759944
Conc: 128.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



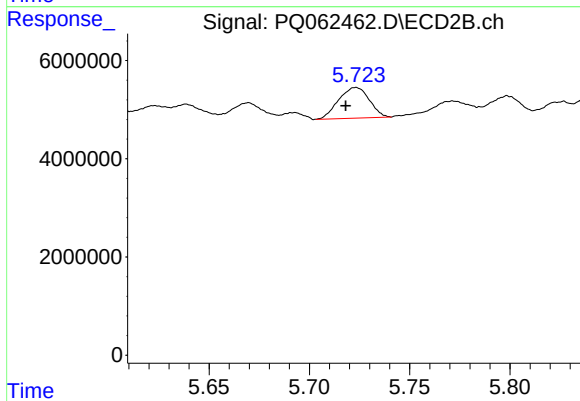
#35 AR-1260-5

R.T.: 6.226 min
Delta R.T.: 0.013 min
Response: 28512062
Conc: 85.86 ng/ml



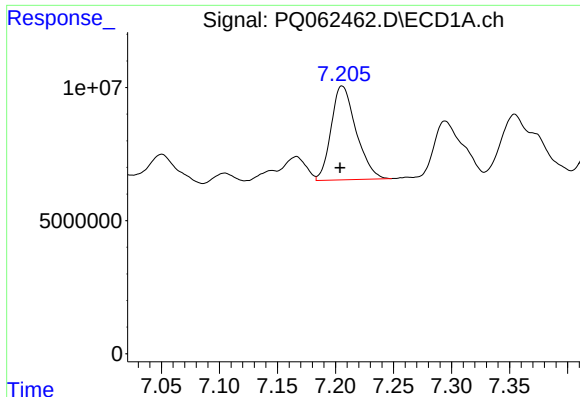
#36 AR-1262-1

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 3082856
Conc: 10.11 ng/ml



#36 AR-1262-1

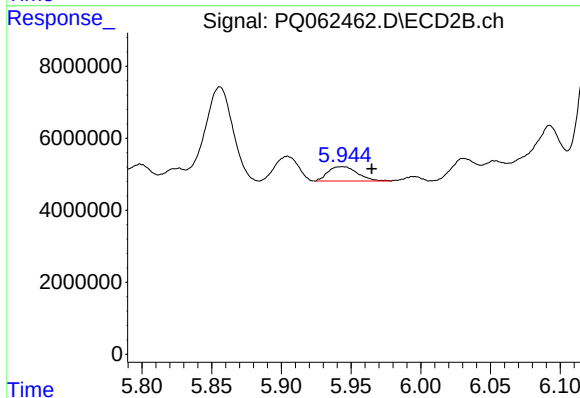
R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 6625236
Conc: 28.50 ng/ml



#37 AR-1262-2

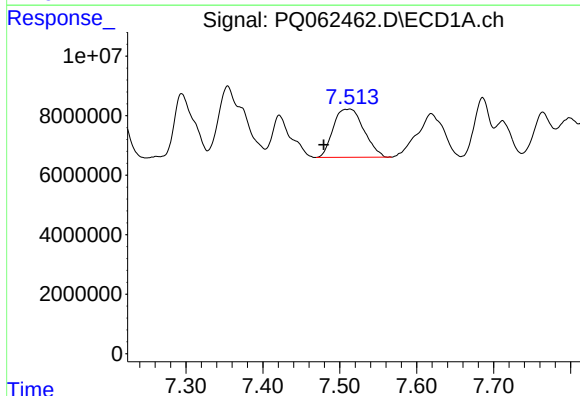
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 52759944
Conc: 100.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



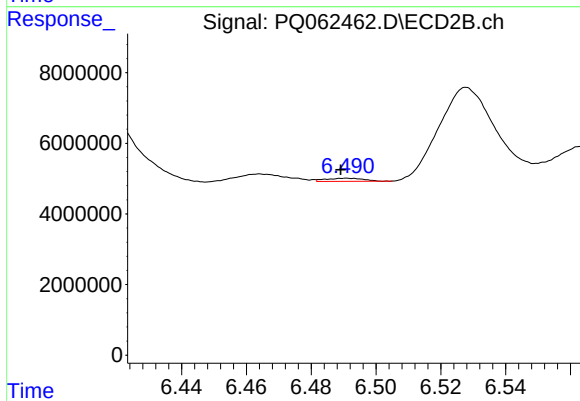
#37 AR-1262-2

R.T.: 5.944 min
Delta R.T.: -0.021 min
Response: 5891771
Conc: 27.25 ng/ml



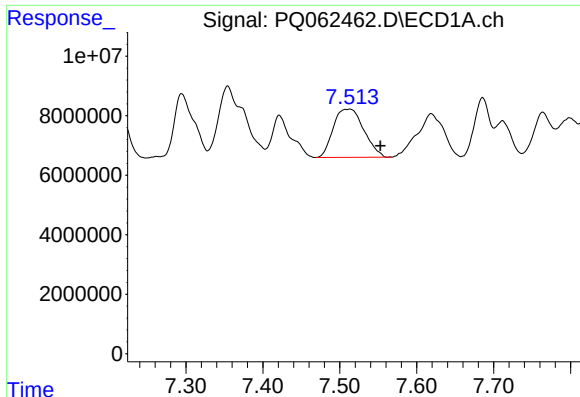
#38 AR-1262-3

R.T.: 7.513 min
Delta R.T.: 0.034 min
Response: 44550110
Conc: 126.45 ng/ml



#38 AR-1262-3

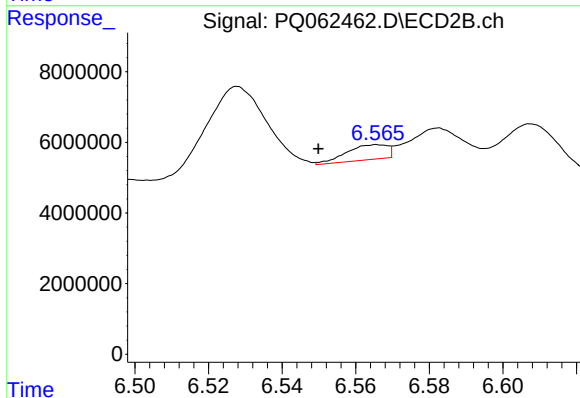
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 739469
Conc: 4.24 ng/ml



#39 AR-1262-4

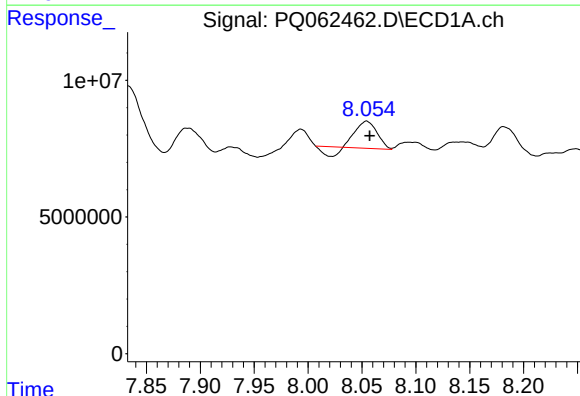
R.T.: 7.513 min
Delta R.T.: -0.040 min
Response: 44550110
Conc: 167.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



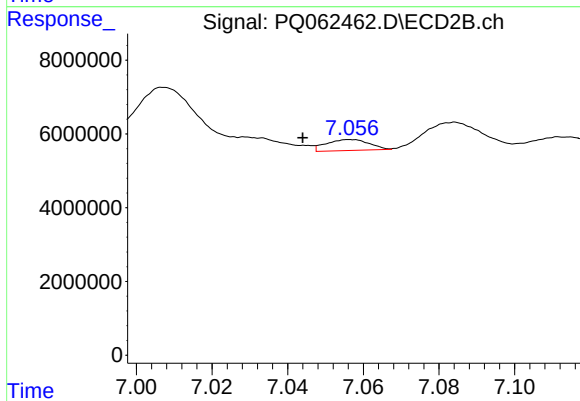
#39 AR-1262-4

R.T.: 6.566 min
Delta R.T.: 0.016 min
Response: 3238065
Conc: 10.05 ng/ml



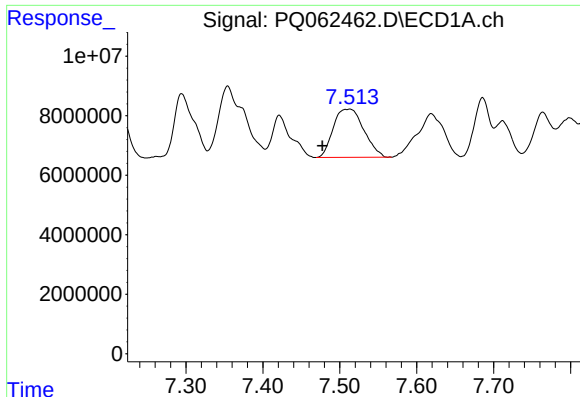
#40 AR-1262-5

R.T.: 8.054 min
Delta R.T.: -0.003 min
Response: 11742450
Conc: 66.15 ng/ml



#40 AR-1262-5

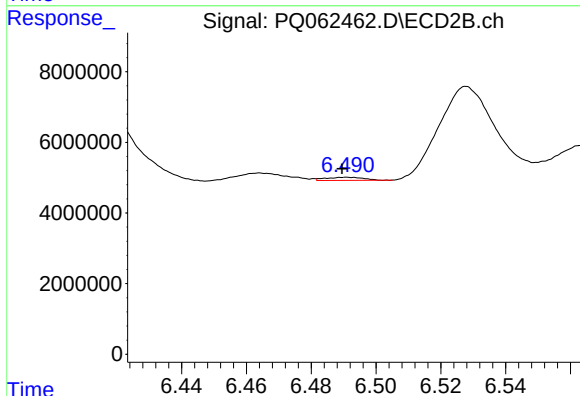
R.T.: 7.057 min
Delta R.T.: 0.013 min
Response: 2350376
Conc: 15.15 ng/ml



#41 AR-1268-1

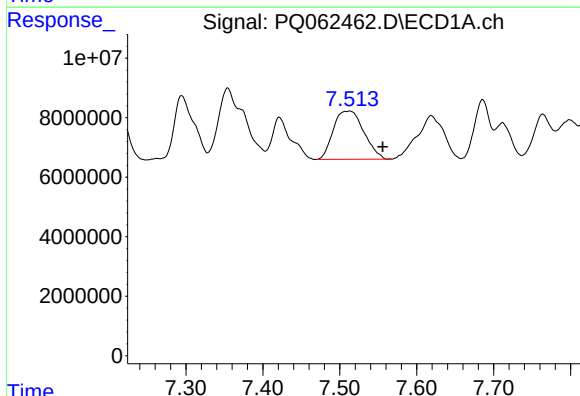
R.T.: 7.513 min
Delta R.T.: 0.036 min
Response: 44550110
Conc: 78.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



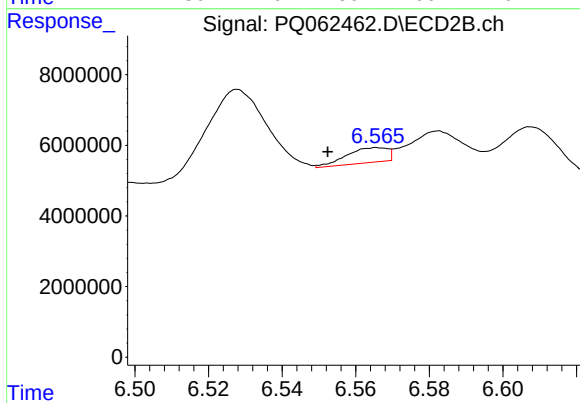
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 739469
Conc: 1.57 ng/ml



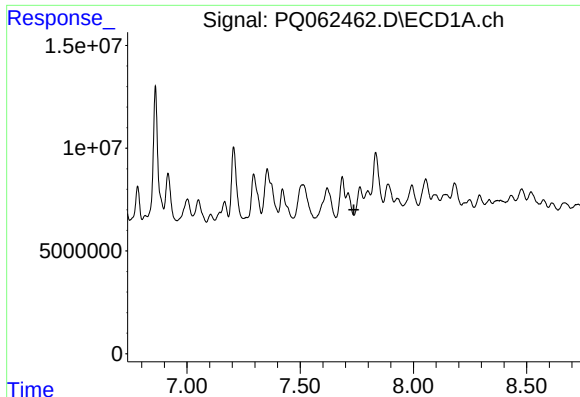
#42 AR-1268-2

R.T.: 7.513 min
Delta R.T.: -0.043 min
Response: 44550110
Conc: 87.37 ng/ml



#42 AR-1268-2

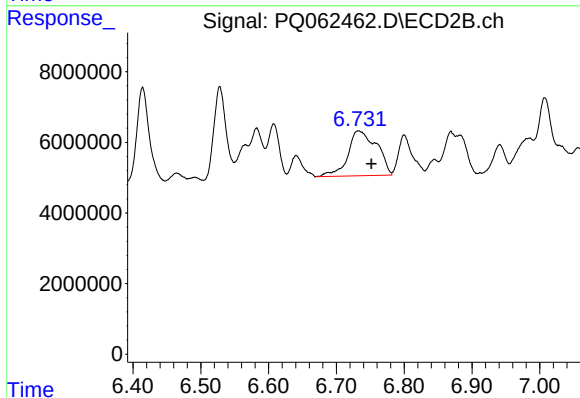
R.T.: 6.566 min
Delta R.T.: 0.014 min
Response: 3238065
Conc: 7.64 ng/ml



#43 AR-1268-3

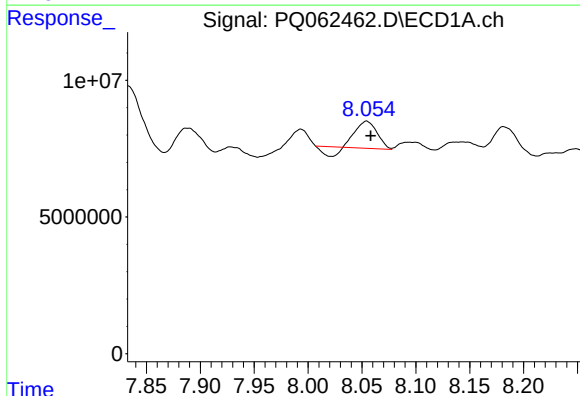
R.T.: 7.712 min
Delta R.T.: -0.025 min
Response: -2016243
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



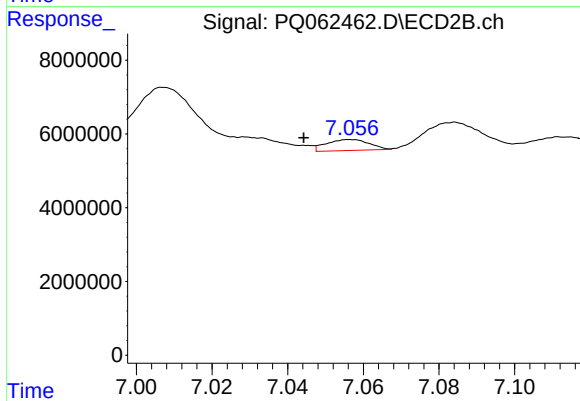
#43 AR-1268-3

R.T.: 6.732 min
Delta R.T.: -0.019 min
Response: 37649182
Conc: 102.22 ng/ml



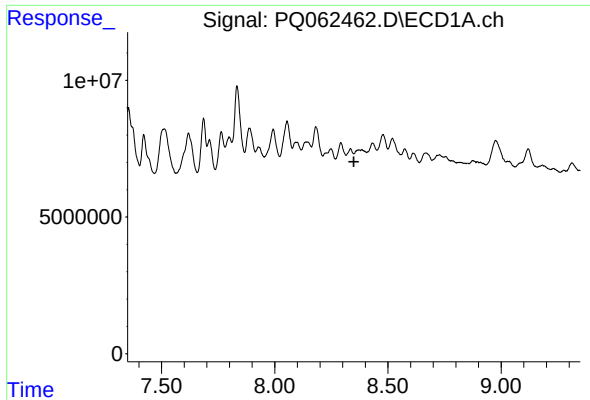
#44 AR-1268-4

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 11742450
Conc: 64.17 ng/ml



#44 AR-1268-4

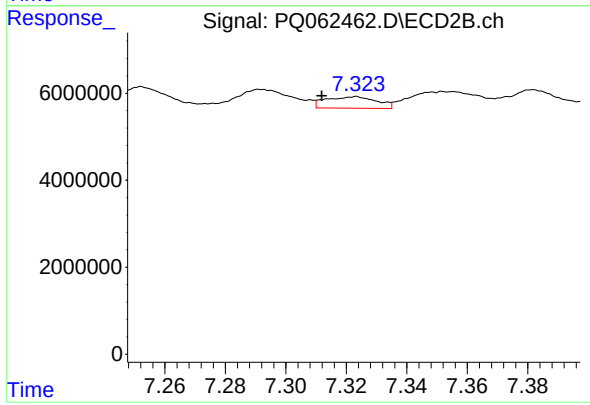
R.T.: 7.057 min
Delta R.T.: 0.013 min
Response: 2350376
Conc: 14.70 ng/ml



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: -0.015 min
Response: -5901
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: 0.011 min
Response: 3099893
Conc: 2.66 ng/ml