

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 00:55
 Operator : YP\AJ
 Sample : 03568-20
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:02:47 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...	3.404	2.758	77558582	47222688	15.899	18.821
2)	SA Decachlor...	8.582	7.526	75664795	62018744	20.828	18.612
Target Compounds							
3)	L1 AR-1016-1	4.505	3.768	-934268	9011535	N.D.	91.048 #
4)	L1 AR-1016-2	4.530	3.768	1881380	9011535	7.609	62.494 #
5)	L1 AR-1016-3	4.589	3.931	1358968	222466	8.917	2.949 #
6)	L1 AR-1016-4	4.655	3.981	1354187	2347898	10.804	35.748 #
7)	L1 AR-1016-5	4.962	4.176	2215802	5976160	18.205	72.896 #
8)	L2 AR-1221-1	3.586	2.949	11128707	4744182	185.146	143.778
9)	L2 AR-1221-2	3.680	3.059	2246951	3938954	50.007	155.077 #
10)	L2 AR-1221-3	3.763	3.110	8312656	492390	59.157	6.387 #
11)	L3 AR-1232-1	3.763	3.110	8312656	492390	78.717	8.593 #
12)	L3 AR-1232-2	4.209f	3.768	27675772	9011535	467.882	135.400 #
13)	L3 AR-1232-3	4.530	3.931	1881380	222466	16.638	6.438 #
14)	L3 AR-1232-4	4.655	4.020	1354187	2067817	23.898	69.530 #
15)	L3 AR-1232-5	4.773	4.176	3869115	5976160	96.607	167.583 #
16)	L4 AR-1242-1	4.505	3.768	-934268	9011535	N.D.	116.520 #
17)	L4 AR-1242-2	4.530	3.768	1881380	9011535	9.691	81.069 #
18)	L4 AR-1242-3	4.589	3.931	1358968	222466	11.246	3.798 #
19)	L4 AR-1242-4	4.655	4.020	1354187	2067817	13.891	35.270 #
20)	L4 AR-1242-5	5.393	4.512	6301090	32654609	65.821	393.939 #
21)	L5 AR-1248-1	4.505	3.768	-934268	9011535	N.D.	144.138 #
22)	L5 AR-1248-2	4.773	3.981	3869115	2347898	26.932	25.039
23)	L5 AR-1248-3	4.962	4.020	2215802	2067817	12.756	22.838 #
24)	L5 AR-1248-4	5.326f	4.176	35559063	5976160	185.271	52.962 #
25)	L5 AR-1248-5	5.393	4.552	6301090	6761387	34.789	60.352 #
26)	L6 AR-1254-1	5.326	4.512	35559063	32654609	191.362	202.242
27)	L6 AR-1254-2	5.536	4.661	18504900	18815818	63.654	127.803 #
28)	L6 AR-1254-3	5.897	5.042	49629558	52682765	161.586	225.428 #
29)	L6 AR-1254-4	6.180	5.269	11544731	14469919	49.720	94.938 #
30)	L6 AR-1254-5	6.594	5.675	59279135	60681194	230.775	262.921
31)	L7 AR-1260-1	6.045	5.172	178.3E6	41130721	755.790	246.952 #
32)	L7 AR-1260-2	6.321	5.364	36482981	41264725	126.321	198.440 #
33)	L7 AR-1260-3	6.676	5.499	24182107	31954780	136.950	164.242
34)	L7 AR-1260-4	6.894	5.964	12107135	25111729	57.475	172.161 #
35)	L7 AR-1260-5	7.204	6.211	33795562	29566254	82.306	89.039
36)	L8 AR-1262-1	6.676	5.717	24182107	26143063	79.301	112.457 #
37)	L8 AR-1262-2	7.204	5.964	33795562	25111729	64.163	116.147 #
38)	L8 AR-1262-3	7.477	6.489	104.4E6	76980531	296.444	441.585 #
39)	L8 AR-1262-4	7.555	6.551	84038247	83412235	315.080	258.808
40)	L8 AR-1262-5	8.057	7.043	28968753	23583713	163.196	152.040
41)	L9 AR-1268-1	7.477	6.489	104.4E6	76980531	184.039	163.601

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 Sample : 03568-20
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

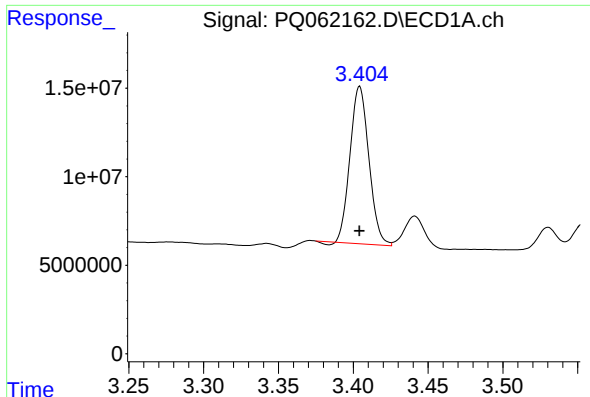
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:02:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.555	6.551	84038247	83412235	164.822	196.865
43) L9	AR-1268-3	7.735	6.751	66559586	57069190	155.960	154.945
44) L9	AR-1268-4	8.057	7.043	28968753	23583713	158.312	147.457
45) L9	AR-1268-5	8.349	7.311	197.8E6	175.3E6	156.907	150.213

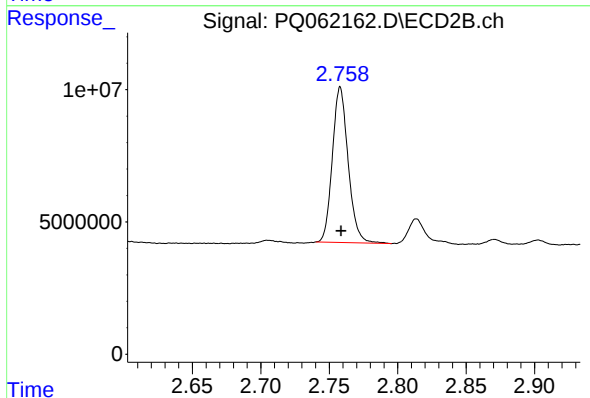
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

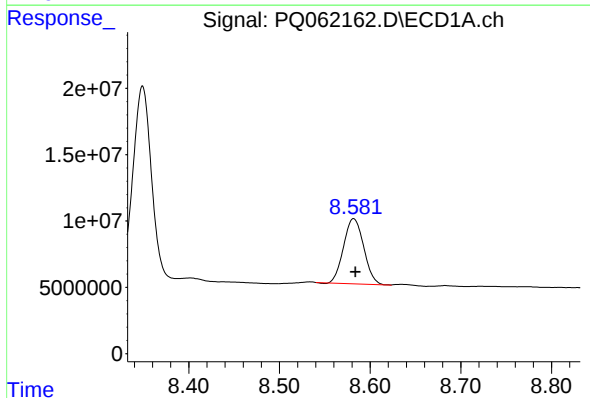
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 77558582
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



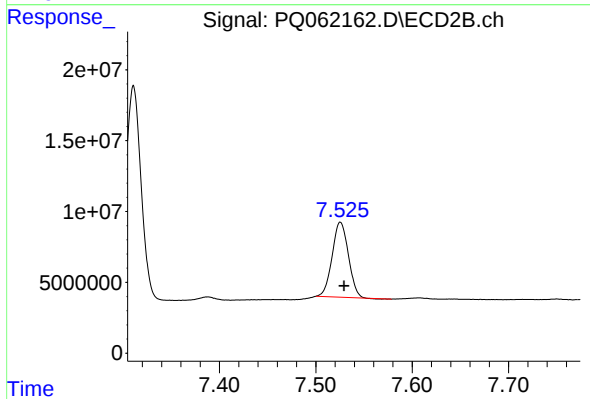
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 47222688
Conc: 18.82 ng/ml



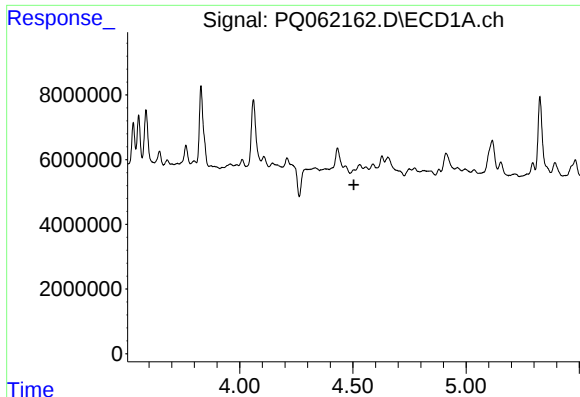
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 75664795
Conc: 20.83 ng/ml



#2 Decachlorobiphenyl

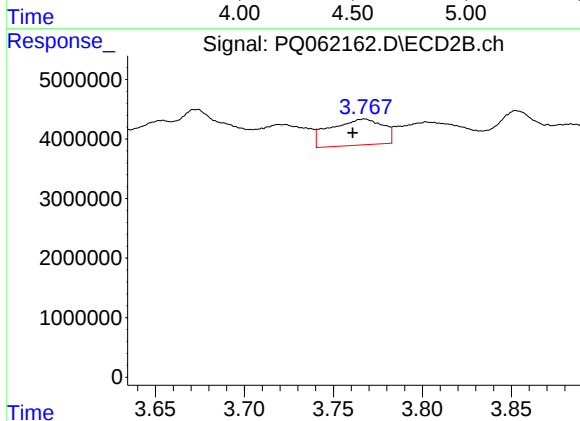
R.T.: 7.526 min
Delta R.T.: -0.004 min
Response: 62018744
Conc: 18.61 ng/ml



#3 AR-1016-1

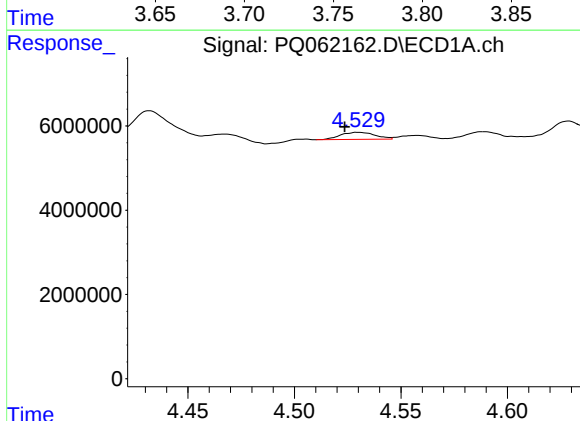
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -934268
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



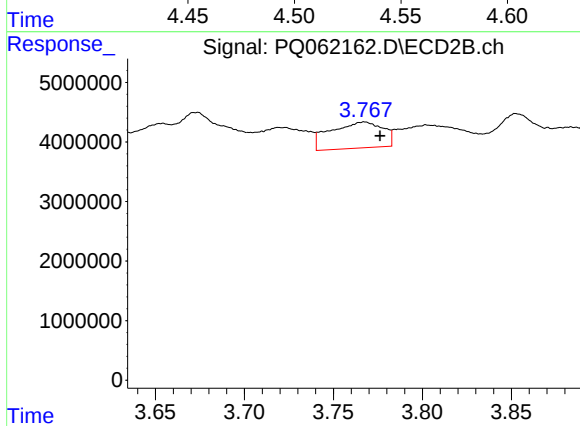
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 9011535
Conc: 91.05 ng/ml



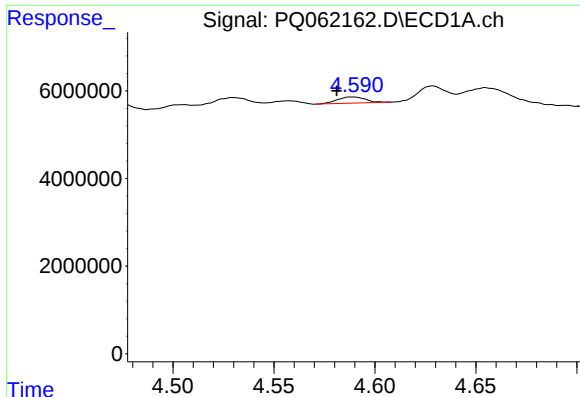
#4 AR-1016-2

R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 1881380
Conc: 7.61 ng/ml



#4 AR-1016-2

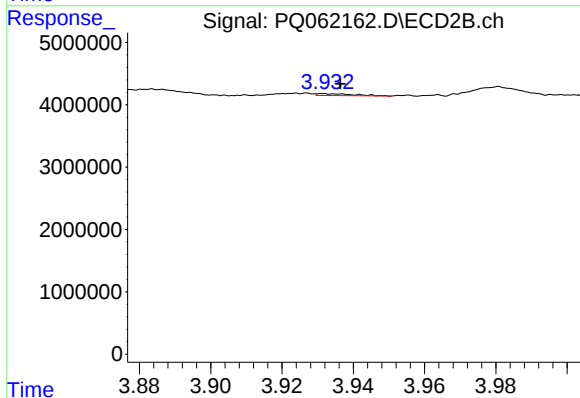
R.T.: 3.768 min
Delta R.T.: -0.009 min
Response: 9011535
Conc: 62.49 ng/ml



#5 AR-1016-3

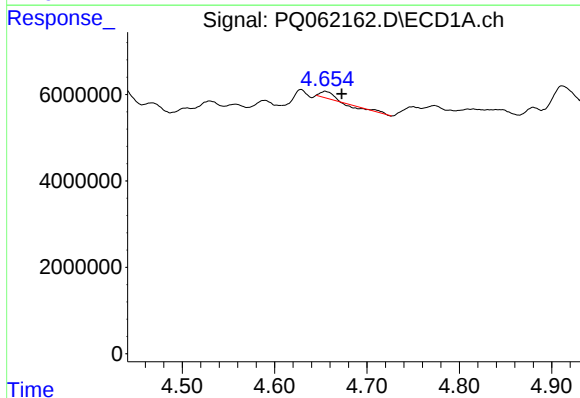
R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 1358968
Conc: 8.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



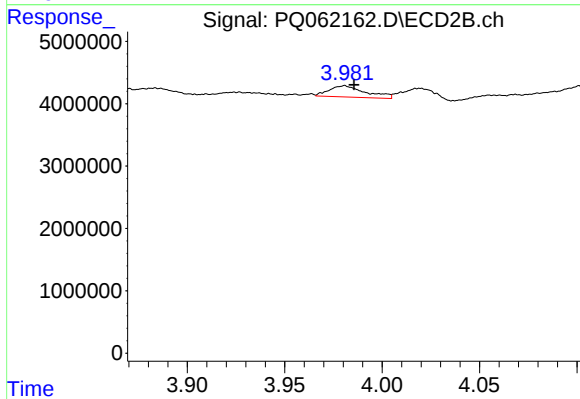
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 222466
Conc: 2.95 ng/ml



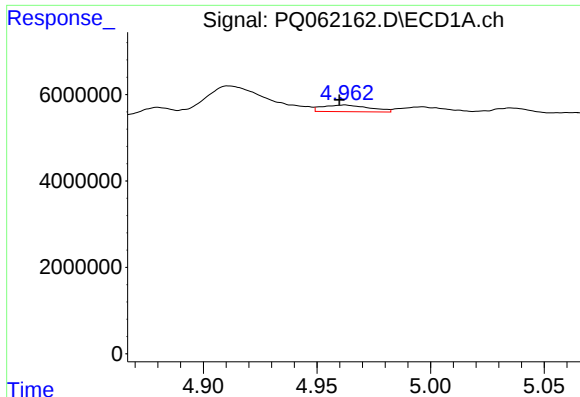
#6 AR-1016-4

R.T.: 4.655 min
Delta R.T.: -0.018 min
Response: 1354187
Conc: 10.80 ng/ml



#6 AR-1016-4

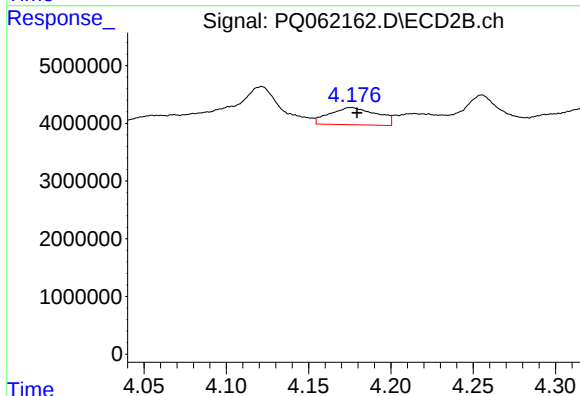
R.T.: 3.981 min
Delta R.T.: -0.005 min
Response: 2347898
Conc: 35.75 ng/ml



#7 AR-1016-5

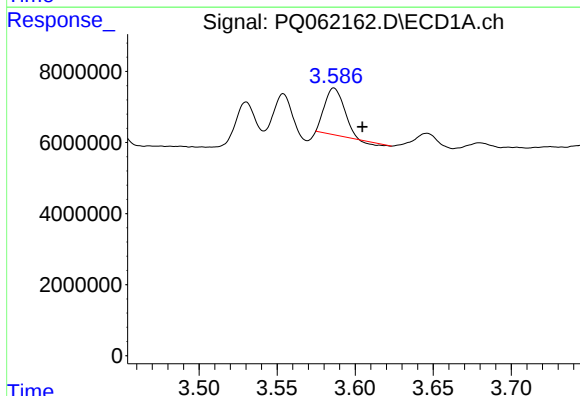
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 2215802
Conc: 18.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



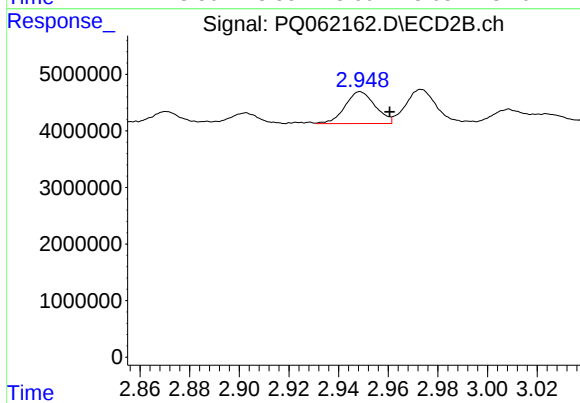
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 5976160
Conc: 72.90 ng/ml



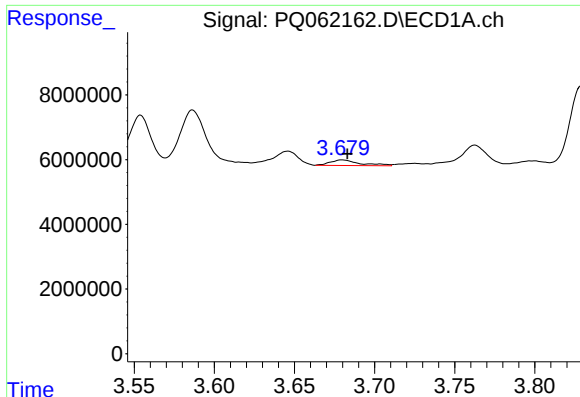
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.018 min
Response: 11128707
Conc: 185.15 ng/ml



#8 AR-1221-1

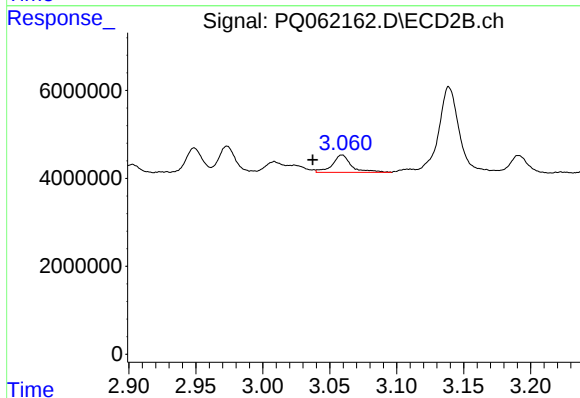
R.T.: 2.949 min
Delta R.T.: -0.012 min
Response: 4744182
Conc: 143.78 ng/ml



#9 AR-1221-2

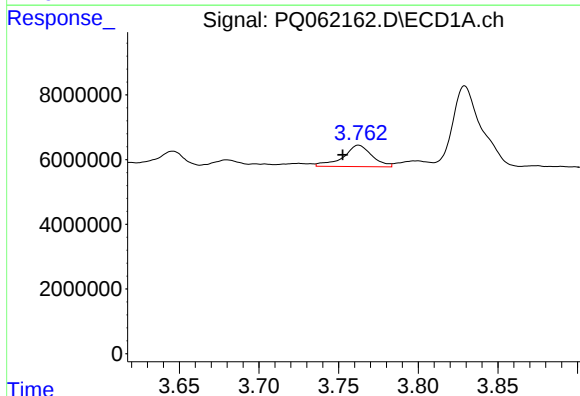
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 2246951
Conc: 50.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



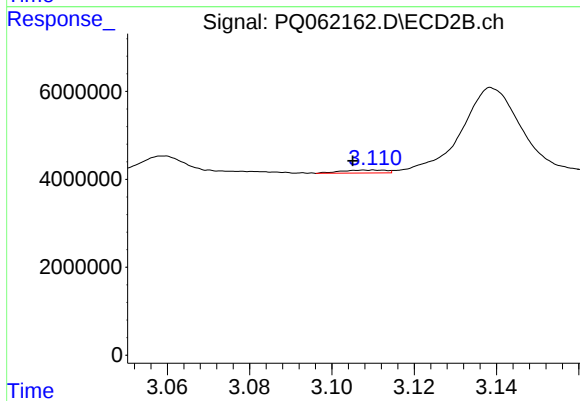
#9 AR-1221-2

R.T.: 3.059 min
Delta R.T.: 0.022 min
Response: 3938954
Conc: 155.08 ng/ml



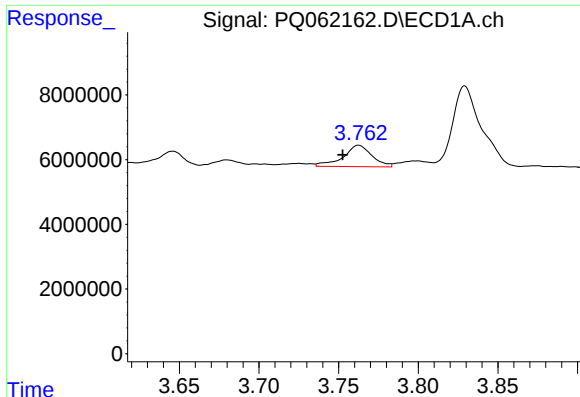
#10 AR-1221-3

R.T.: 3.763 min
Delta R.T.: 0.010 min
Response: 8312656
Conc: 59.16 ng/ml



#10 AR-1221-3

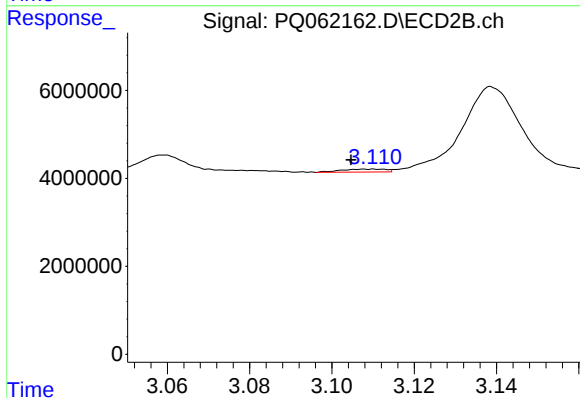
R.T.: 3.110 min
Delta R.T.: 0.005 min
Response: 492390
Conc: 6.39 ng/ml



#11 AR-1232-1

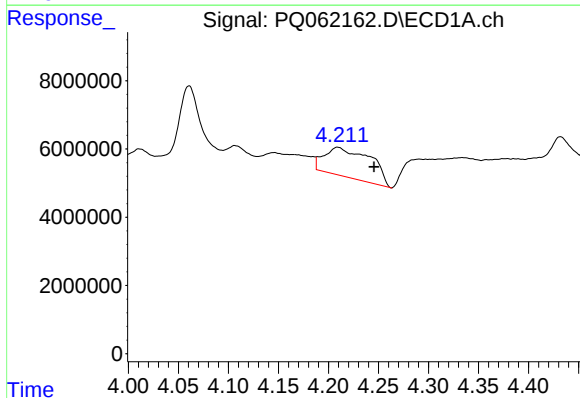
R.T.: 3.763 min
Delta R.T.: 0.010 min
Response: 8312656
Conc: 78.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



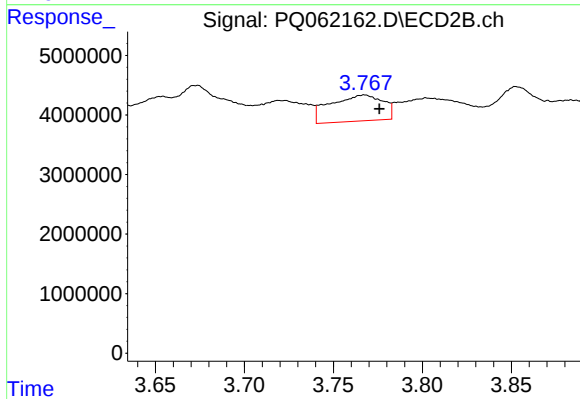
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: 0.006 min
Response: 492390
Conc: 8.59 ng/ml



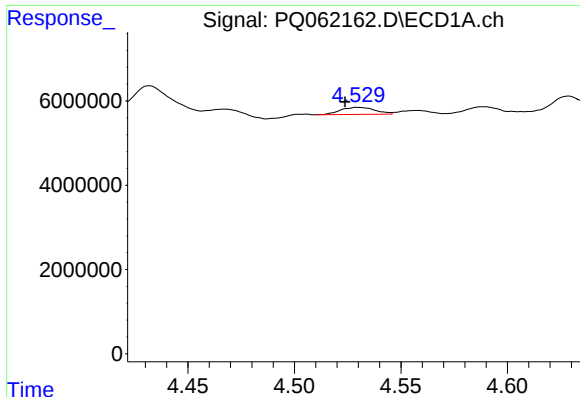
#12 AR-1232-2

R.T.: 4.209 min
Delta R.T.: -0.036 min
Response: 27675772
Conc: 467.88 ng/ml



#12 AR-1232-2

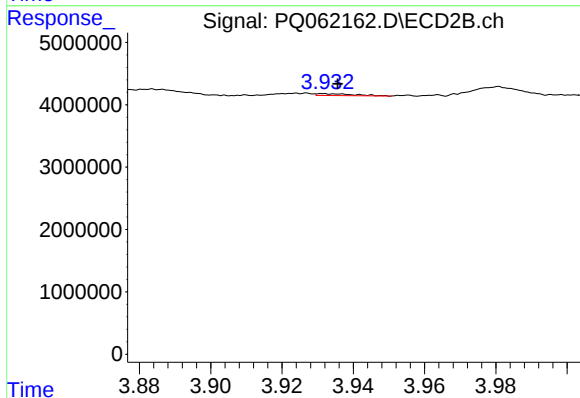
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 9011535
Conc: 135.40 ng/ml



#13 AR-1232-3

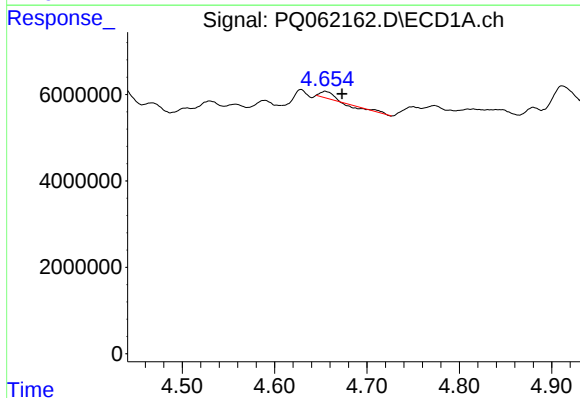
R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 1881380
Conc: 16.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



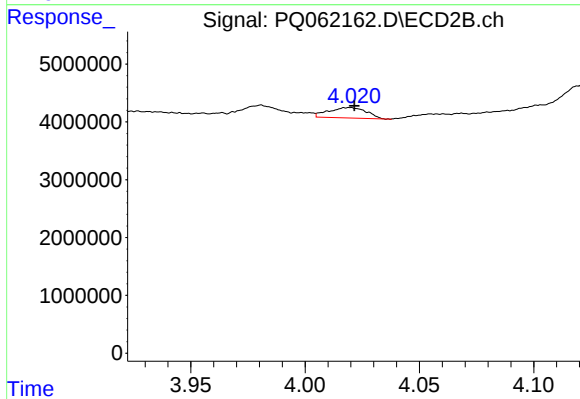
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 222466
Conc: 6.44 ng/ml



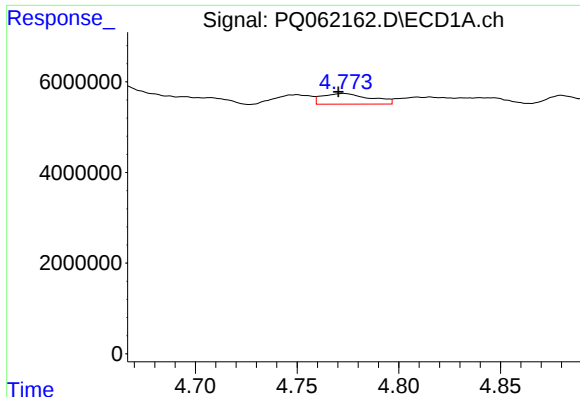
#14 AR-1232-4

R.T.: 4.655 min
Delta R.T.: -0.018 min
Response: 1354187
Conc: 23.90 ng/ml



#14 AR-1232-4

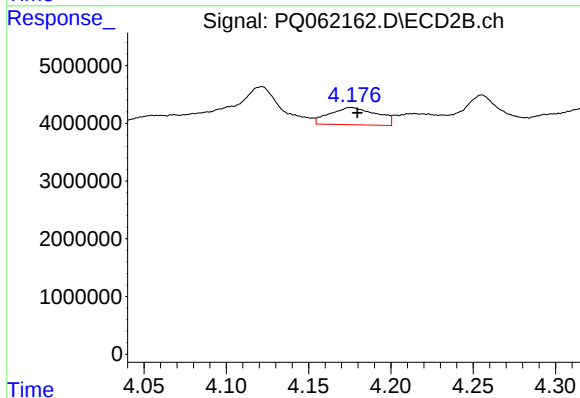
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 2067817
Conc: 69.53 ng/ml



#15 AR-1232-5

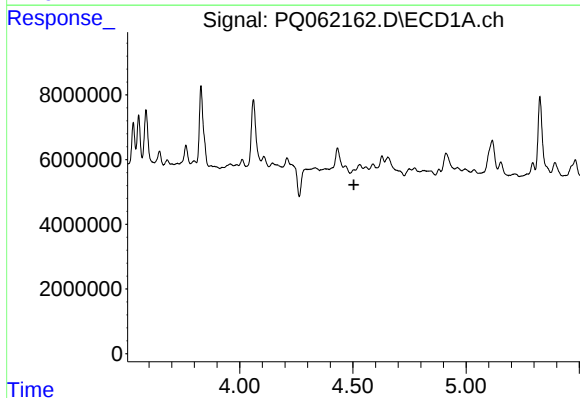
R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 3869115
Conc: 96.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



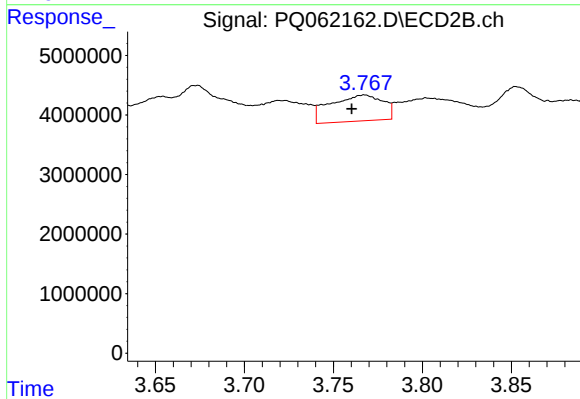
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 5976160
Conc: 167.58 ng/ml



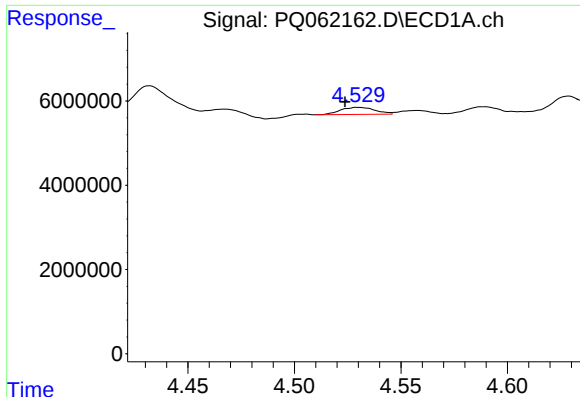
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -934268
Conc: N.D.



#16 AR-1242-1

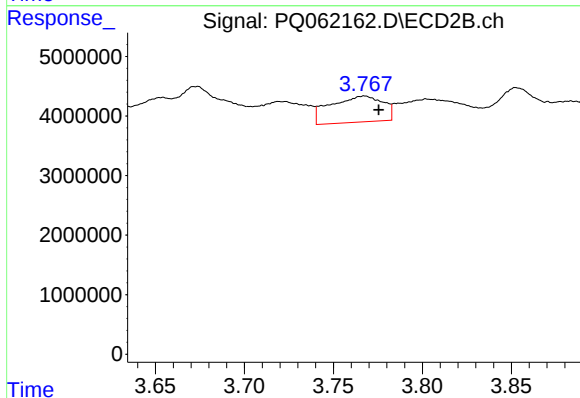
R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 9011535
Conc: 116.52 ng/ml



#17 AR-1242-2

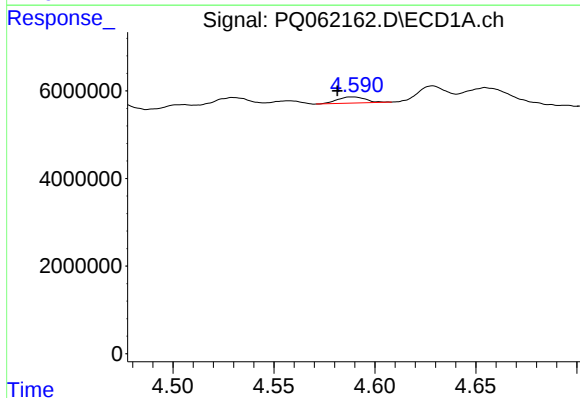
R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 1881380
Conc: 9.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



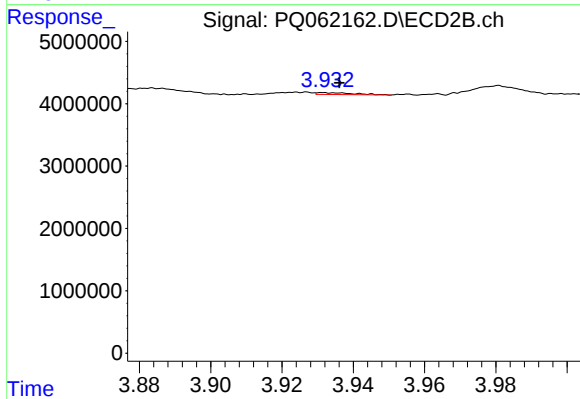
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 9011535
Conc: 81.07 ng/ml



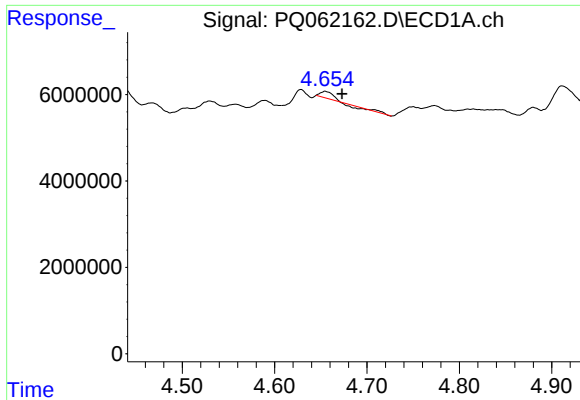
#18 AR-1242-3

R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 1358968
Conc: 11.25 ng/ml



#18 AR-1242-3

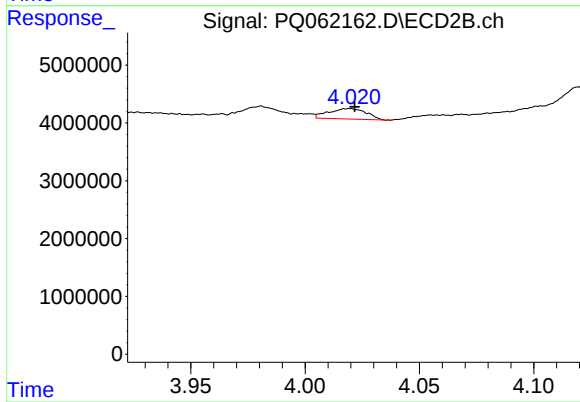
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 222466
Conc: 3.80 ng/ml



#19 AR-1242-4

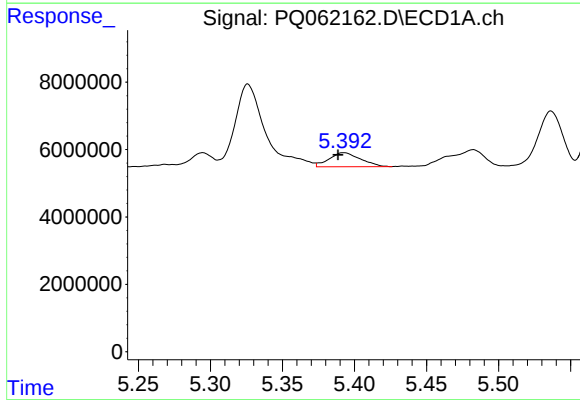
R.T.: 4.655 min
Delta R.T.: -0.018 min
Response: 1354187
Conc: 13.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



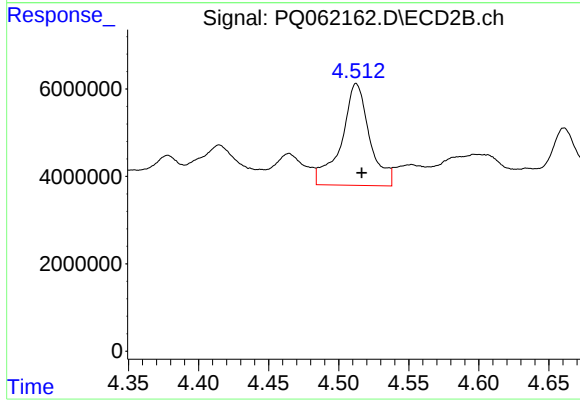
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 2067817
Conc: 35.27 ng/ml



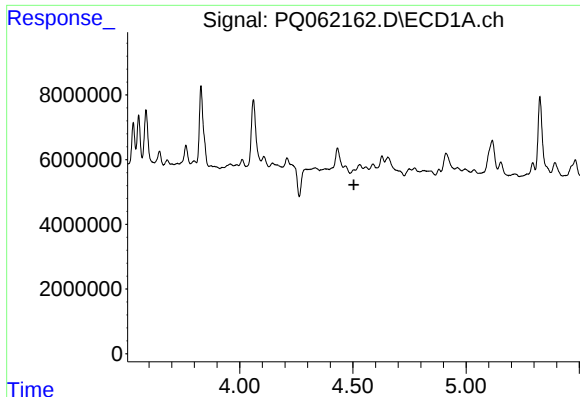
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 6301090
Conc: 65.82 ng/ml



#20 AR-1242-5

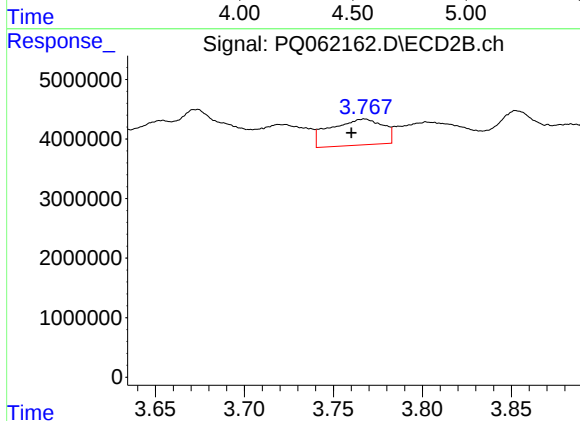
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 32654609
Conc: 393.94 ng/ml



#21 AR-1248-1

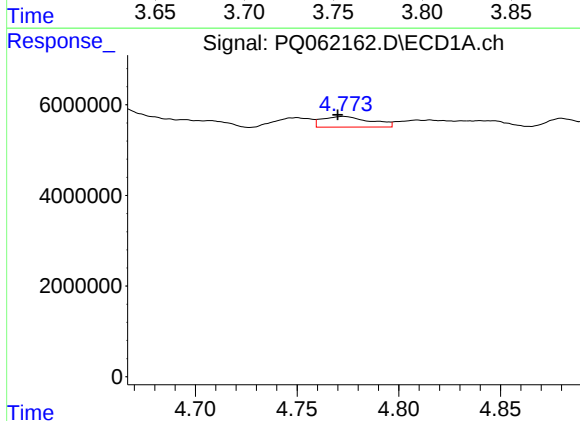
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -934268
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



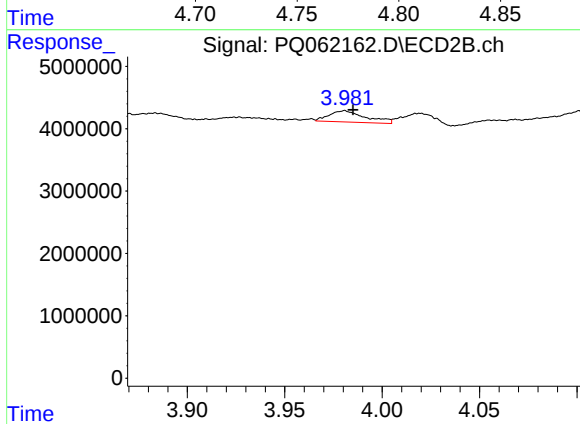
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 9011535
Conc: 144.14 ng/ml



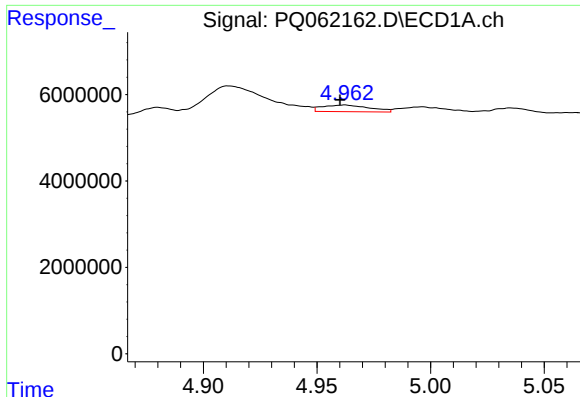
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 3869115
Conc: 26.93 ng/ml



#22 AR-1248-2

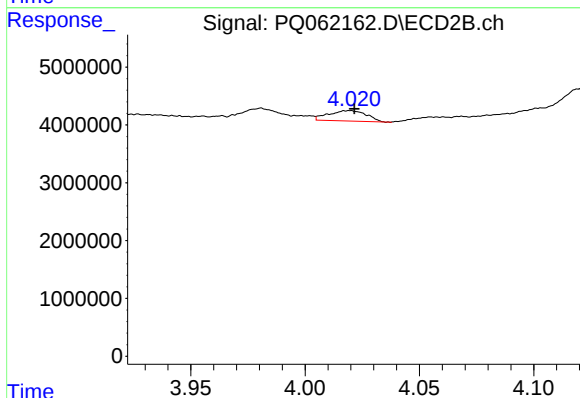
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 2347898
Conc: 25.04 ng/ml



#23 AR-1248-3

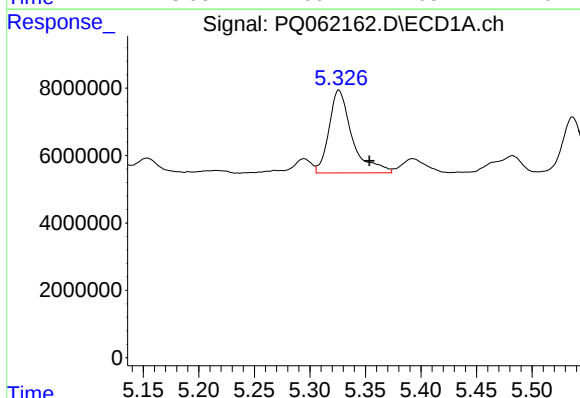
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 2215802
Conc: 12.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



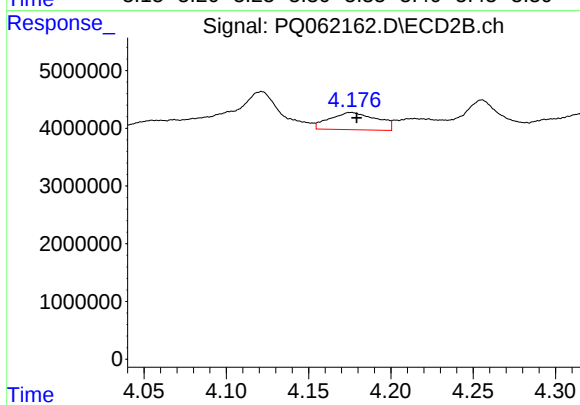
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 2067817
Conc: 22.84 ng/ml



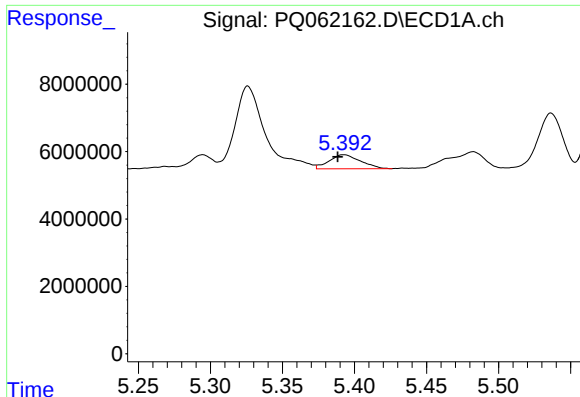
#24 AR-1248-4

R.T.: 5.326 min
Delta R.T.: -0.027 min
Response: 35559063
Conc: 185.27 ng/ml



#24 AR-1248-4

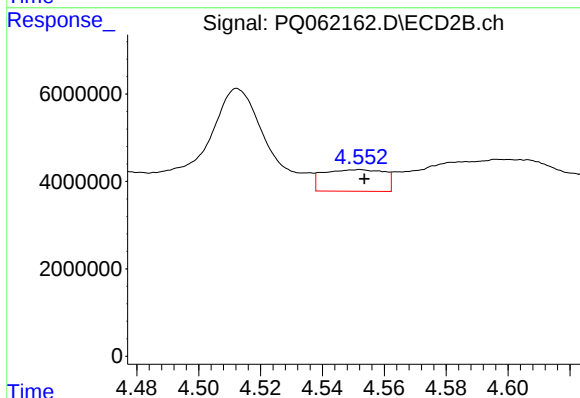
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 5976160
Conc: 52.96 ng/ml



#25 AR-1248-5

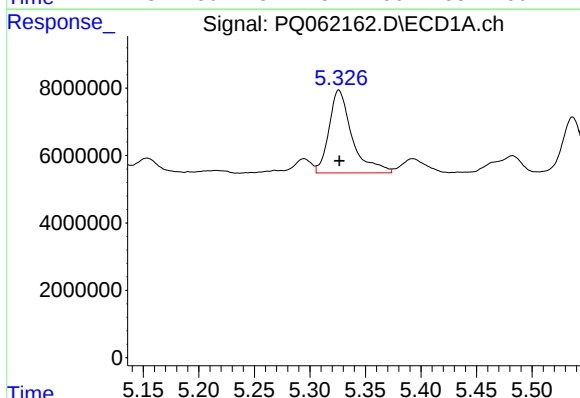
R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 6301090
Conc: 34.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



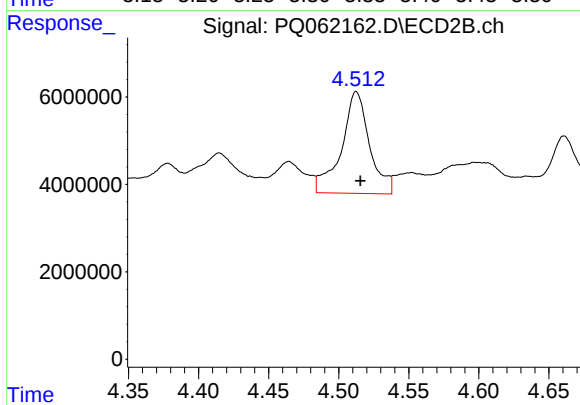
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 6761387
Conc: 60.35 ng/ml



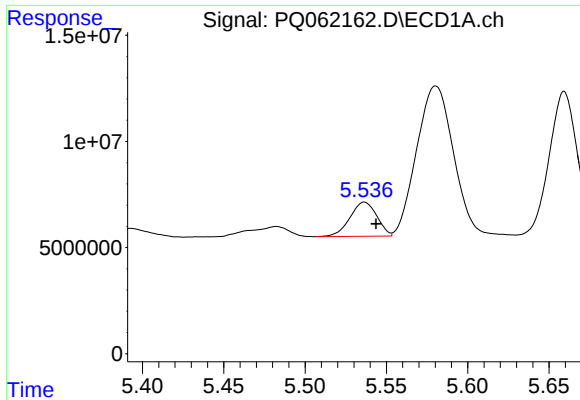
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 35559063
Conc: 191.36 ng/ml



#26 AR-1254-1

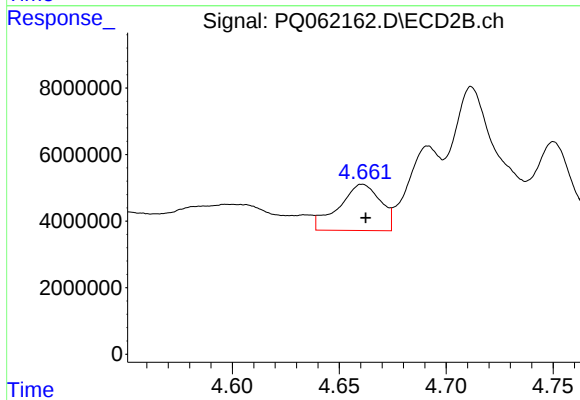
R.T.: 4.512 min
Delta R.T.: -0.003 min
Response: 32654609
Conc: 202.24 ng/ml



#27 AR-1254-2

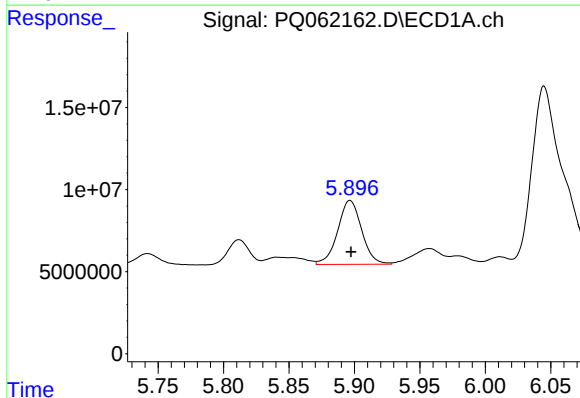
R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 18504900
Conc: 63.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



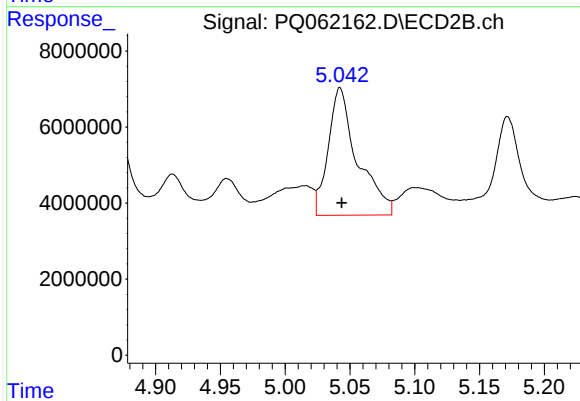
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 18815818
Conc: 127.80 ng/ml



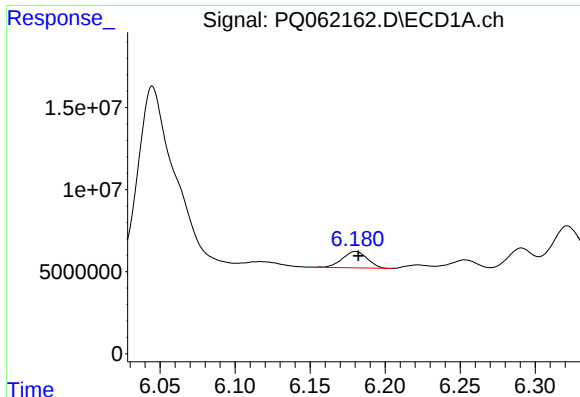
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 49629558
Conc: 161.59 ng/ml



#28 AR-1254-3

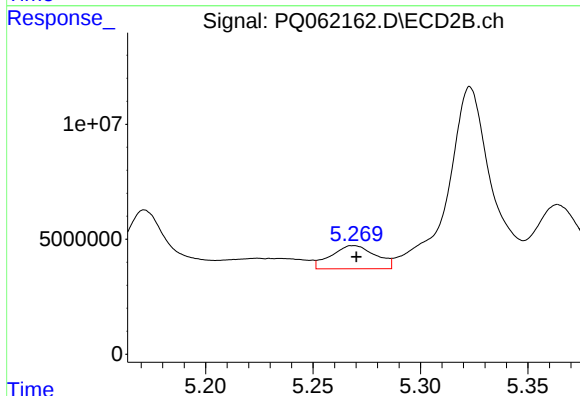
R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 52682765
Conc: 225.43 ng/ml



#29 AR-1254-4

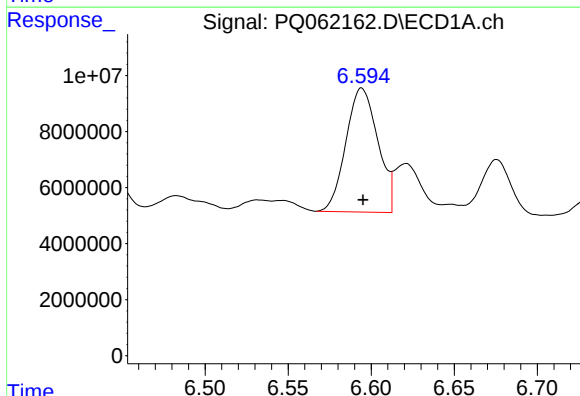
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 11544731
Conc: 49.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



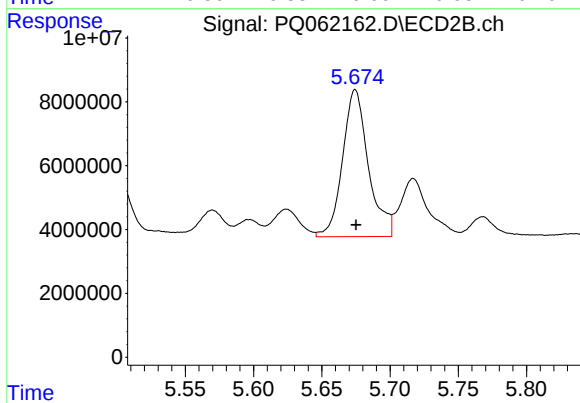
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 14469919
Conc: 94.94 ng/ml



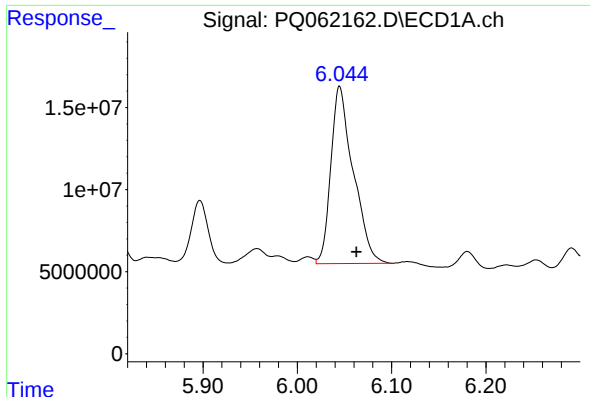
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 59279135
Conc: 230.77 ng/ml



#30 AR-1254-5

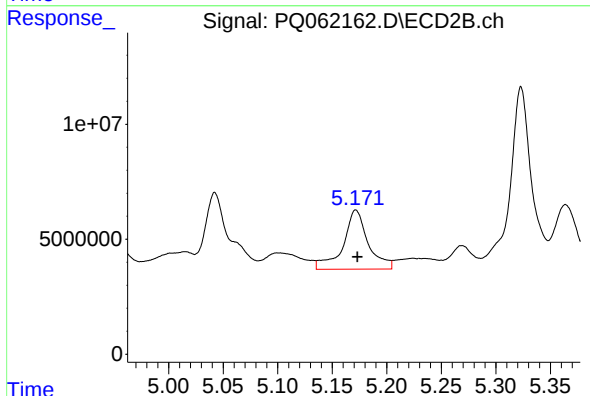
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 60681194
Conc: 262.92 ng/ml



#31 AR-1260-1

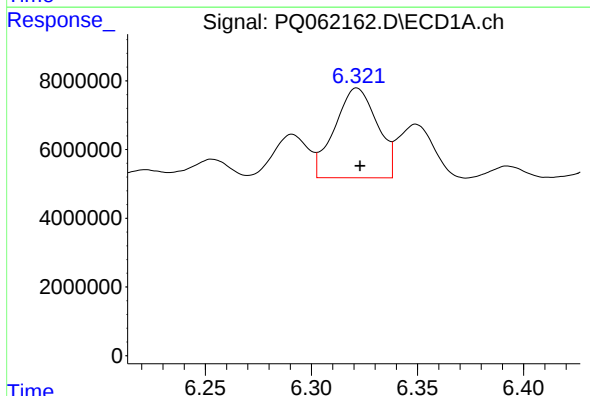
R.T.: 6.045 min
Delta R.T.: -0.018 min
Response: 178314712
Conc: 755.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



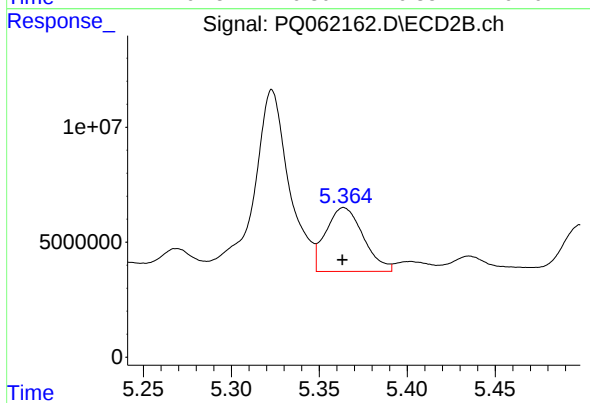
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 41130721
Conc: 246.95 ng/ml



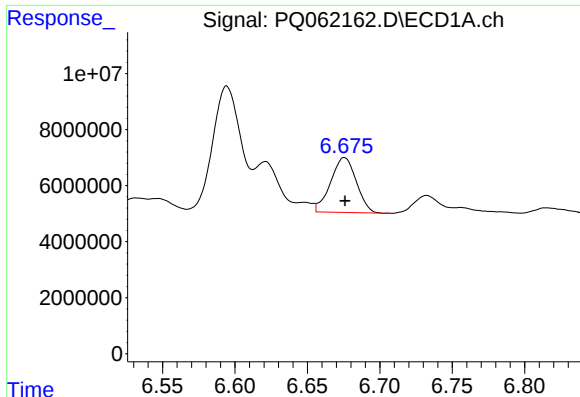
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 36482981
Conc: 126.32 ng/ml



#32 AR-1260-2

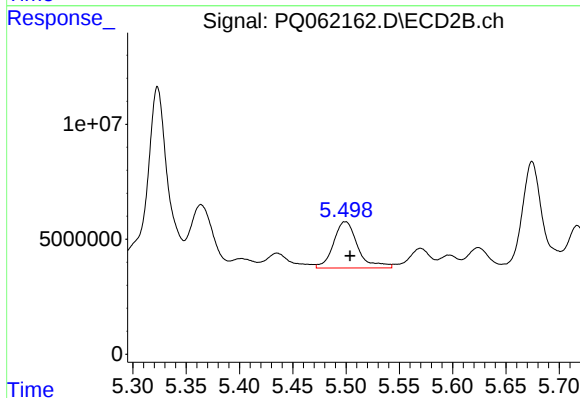
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 41264725
Conc: 198.44 ng/ml



#33 AR-1260-3

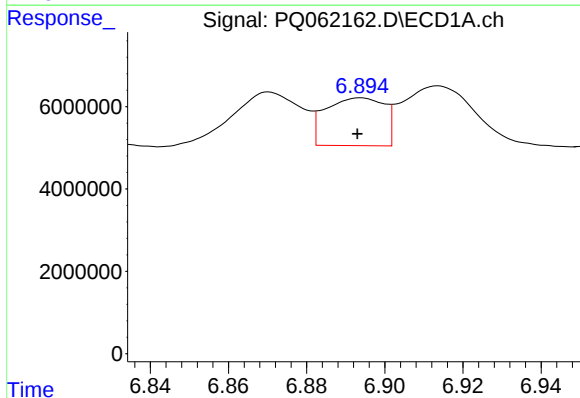
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 24182107
Conc: 136.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



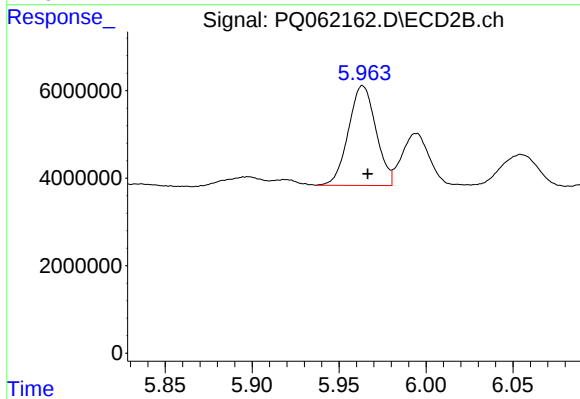
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 31954780
Conc: 164.24 ng/ml



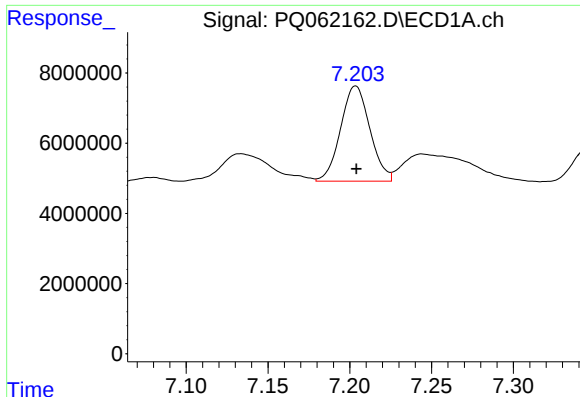
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 12107135
Conc: 57.48 ng/ml



#34 AR-1260-4

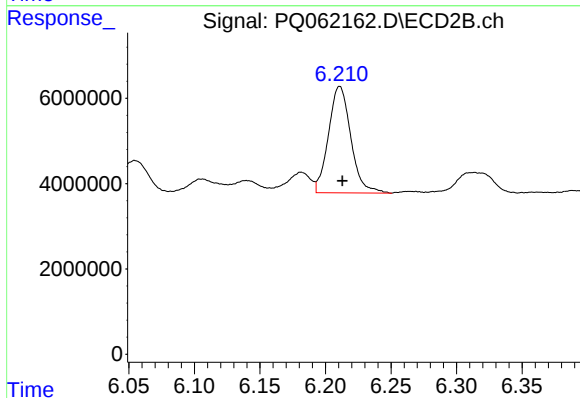
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 25111729
Conc: 172.16 ng/ml



#35 AR-1260-5

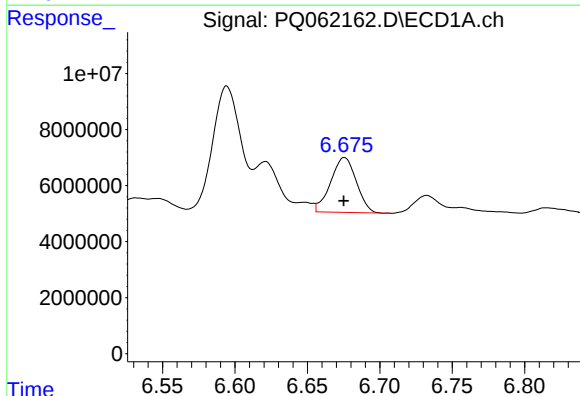
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 33795562
Conc: 82.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



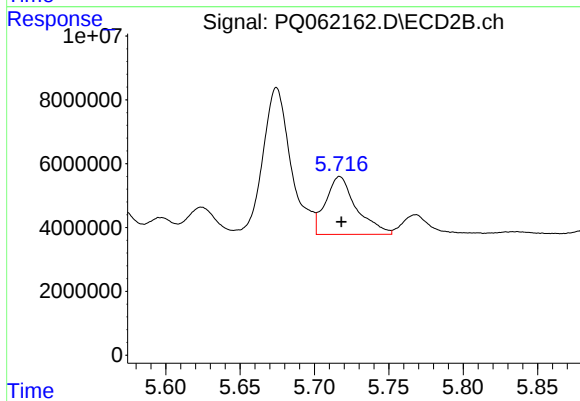
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 29566254
Conc: 89.04 ng/ml



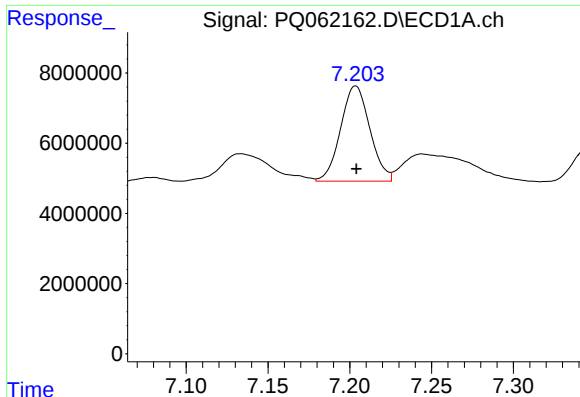
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 24182107
Conc: 79.30 ng/ml



#36 AR-1262-1

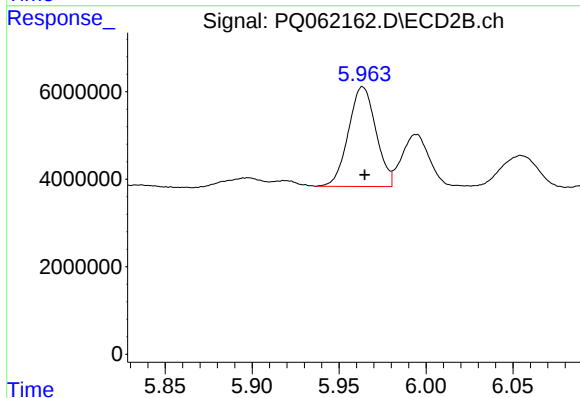
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 26143063
Conc: 112.46 ng/ml



#37 AR-1262-2

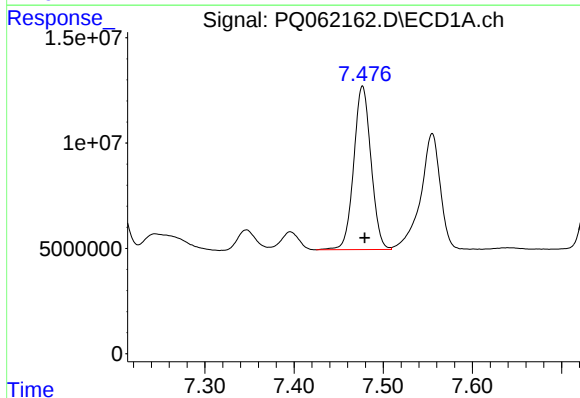
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 33795562
Conc: 64.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



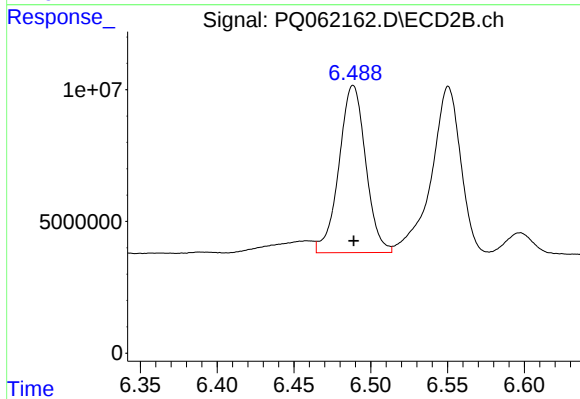
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 25111729
Conc: 116.15 ng/ml



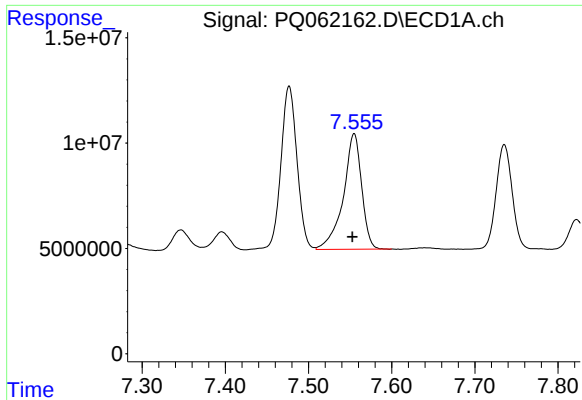
#38 AR-1262-3

R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 104438239
Conc: 296.44 ng/ml



#38 AR-1262-3

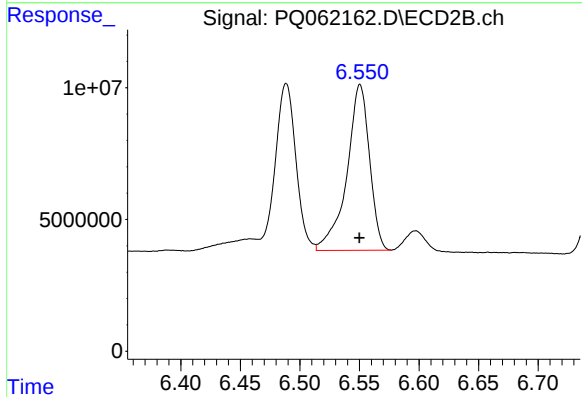
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 76980531
Conc: 441.59 ng/ml



#39 AR-1262-4

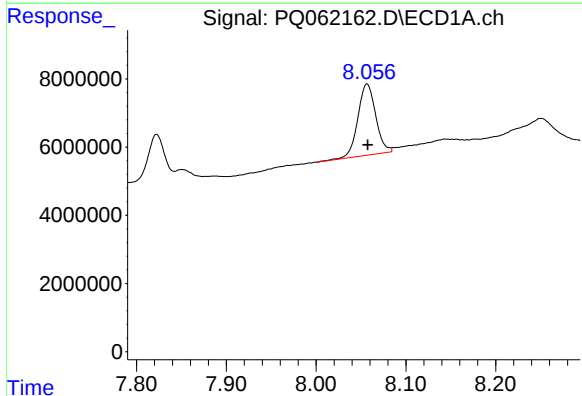
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 84038247
Conc: 315.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



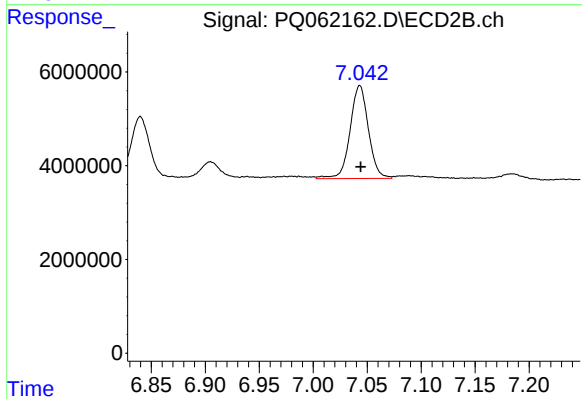
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 83412235
Conc: 258.81 ng/ml



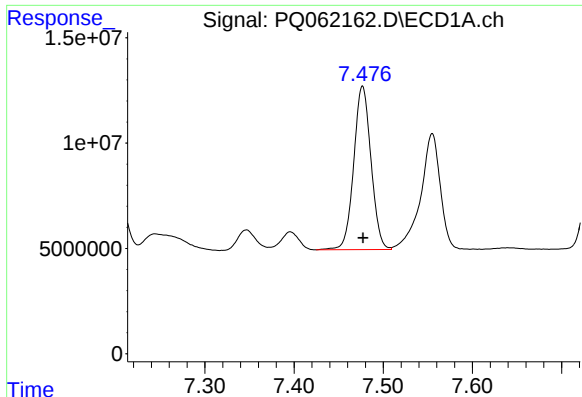
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 28968753
Conc: 163.20 ng/ml



#40 AR-1262-5

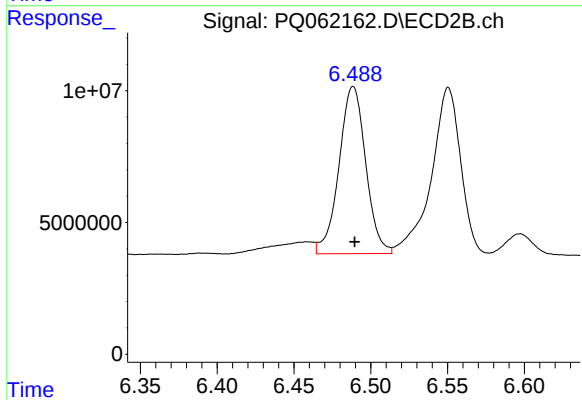
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 23583713
Conc: 152.04 ng/ml



#41 AR-1268-1

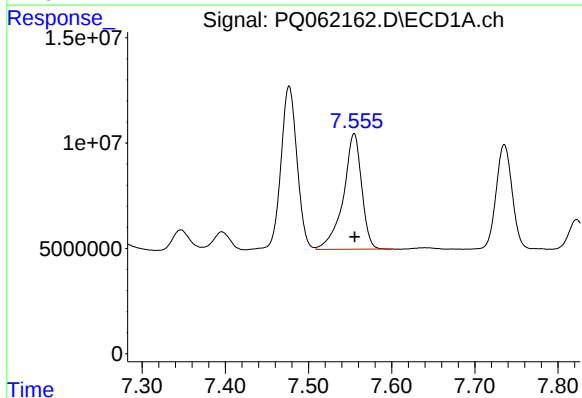
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 104438239
Conc: 184.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



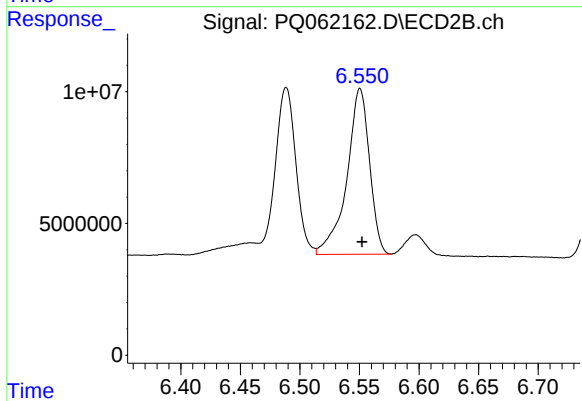
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 76980531
Conc: 163.60 ng/ml



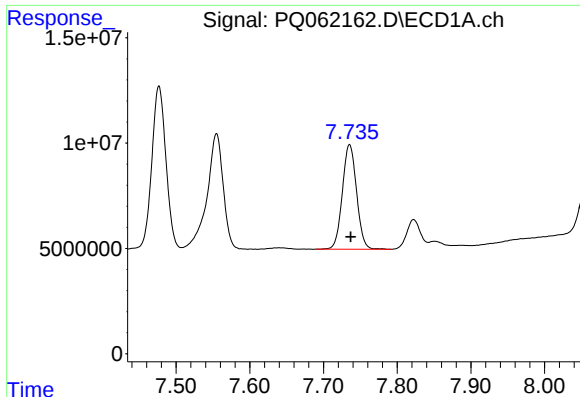
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 84038247
Conc: 164.82 ng/ml



#42 AR-1268-2

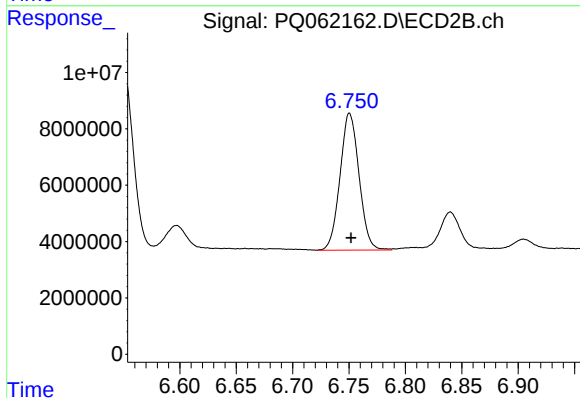
R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 83412235
Conc: 196.87 ng/ml



#43 AR-1268-3

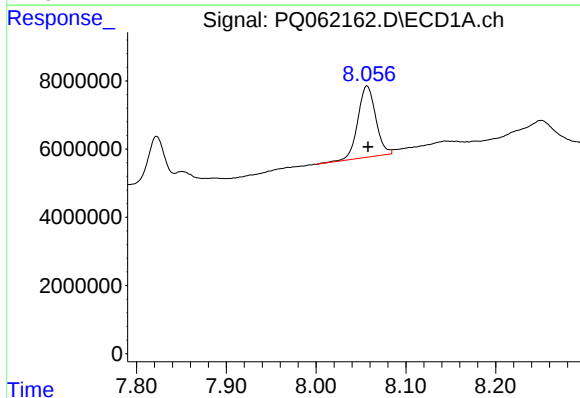
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 66559586
Conc: 155.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



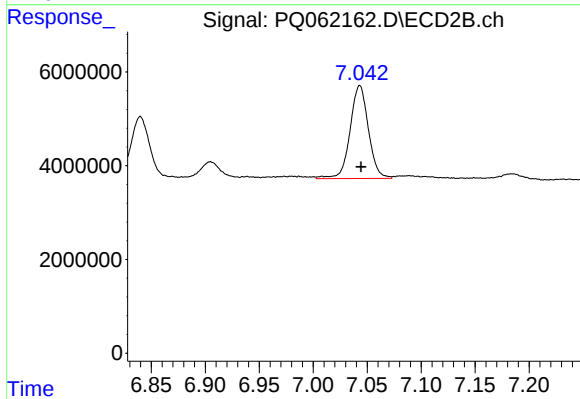
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 57069190
Conc: 154.94 ng/ml



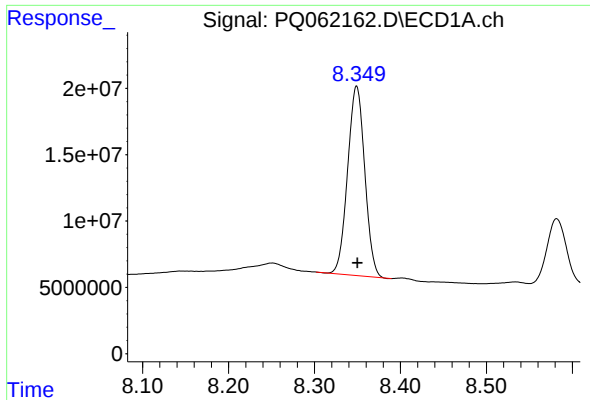
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 28968753
Conc: 158.31 ng/ml



#44 AR-1268-4

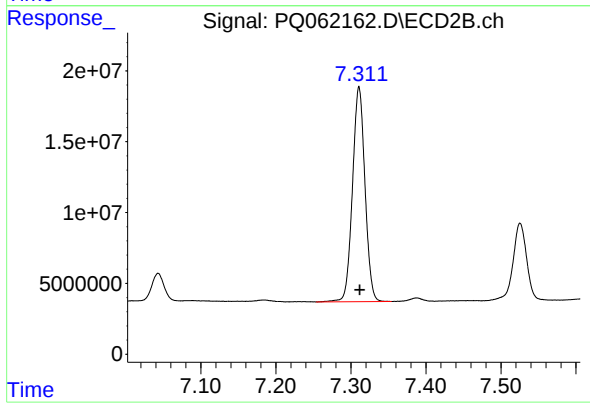
R.T.: 7.043 min
Delta R.T.: -0.001 min
Response: 23583713
Conc: 147.46 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 197821536
Conc: 156.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 175291625
Conc: 150.21 ng/ml