

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 22:29
 Operator : YP\AJ
 Sample : PB153613BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:36:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	2.760	115.7E6	62800666	25.729	23.518
2)	SA Decachlor...	8.582	7.531	93220866	83593640	27.673	24.905
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	74115947	46804277	481.434	453.788
4)	L1 AR-1016-2	4.524	3.778	108.0E6	67741293	473.378	454.687
5)	L1 AR-1016-3	4.582	3.938	66829150	36615364	470.292	463.335
6)	L1 AR-1016-4	4.673	3.987	55050814	31834643	478.130	448.328
7)	L1 AR-1016-5	4.961	4.182	53895158	38612723	466.331	451.011
8)	L2 AR-1221-1	3.603	2.961	7502627	4319876	133.711	121.324
9)	L2 AR-1221-2	3.684	3.039	9364075	5495602	221.897	199.532
10)	L2 AR-1221-3	3.754	3.106	39604360	23746356	302.136	280.225
11)	L3 AR-1232-1	3.754	3.106	39604360	23746356	414.322	385.601
12)	L3 AR-1232-2	4.246	3.778	54248142	67741293	987.484	983.216
13)	L3 AR-1232-3	4.524	3.938	108.0E6	36615364	1033.968	1012.588
14)	L3 AR-1232-4	4.673	4.024	55050814	35114745	1037.568	1089.476
15)	L3 AR-1232-5	4.771	4.182	42941874	38612723	1138.665	1007.526
16)	L4 AR-1242-1	4.505	3.762	74115947	46804277	653.185	611.108
17)	L4 AR-1242-2	4.524	3.778	108.0E6	67741293	636.096	611.251
18)	L4 AR-1242-3	4.582	3.938	66829150	36615364	624.684	618.687
19)	L4 AR-1242-4	4.673	4.024	55050814	35114745	634.299	586.365
20)	L4 AR-1242-5	5.389	4.518	7543714	31601372	85.059	394.672 #
21)	L5 AR-1248-1	4.505	3.762	74115947	46804277	822.560	752.051
22)	L5 AR-1248-2	4.771	3.987	42941874	31834643	337.791	329.360
23)	L5 AR-1248-3	4.961	4.024	53895158	35114745	349.876	384.132
24)	L5 AR-1248-4	5.354	4.182	8486238	38612723	49.993	341.008 #
25)	L5 AR-1248-5	5.389	4.556	7543714	4910069	46.046	44.582
26)	L6 AR-1254-1	5.327	4.518	41630305	31601372	243.735	192.169
27)	L6 AR-1254-2	5.545	4.665	47274430	31001866	176.803	206.121
28)	L6 AR-1254-3	5.897	5.047	25699024	16316906	91.965	70.120
29)	L6 AR-1254-4	6.181	5.273	16252535	6249515	79.403	43.499 #
30)	L6 AR-1254-5	6.594	5.678	152.8E6	119.0E6	647.902	521.770
31)	L7 AR-1260-1	6.063	5.175	105.0E6	79053367	472.796	459.587
32)	L7 AR-1260-2	6.322	5.366	128.0E6	96184503	481.171	464.136
33)	L7 AR-1260-3	6.676	5.506	78320376	90217540	465.784	454.237
34)	L7 AR-1260-4	6.893	5.968	93730075	67621979	467.026	459.683
35)	L7 AR-1260-5	7.204	6.214	185.4E6	154.2E6	487.044	474.879
36)	L8 AR-1262-1	6.676	5.721	78320376	67404352	261.594	278.131
37)	L8 AR-1262-2	7.204	6.214	185.4E6	154.2E6	367.657	352.815
38)	L8 AR-1262-3	7.481	6.492	118.8E6	32342938	351.645	179.466 #
39)	L8 AR-1262-4	7.552	6.550	25535988	120.0E6	99.433	361.941 #
40)	L8 AR-1262-5	8.057	7.047	43086319	38456988	252.990	239.727
41)	L9 AR-1268-1	7.481	6.492	118.8E6	32342938	215.773	65.832 #

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 Operator : YP\AJ
 Sample : PB153613BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

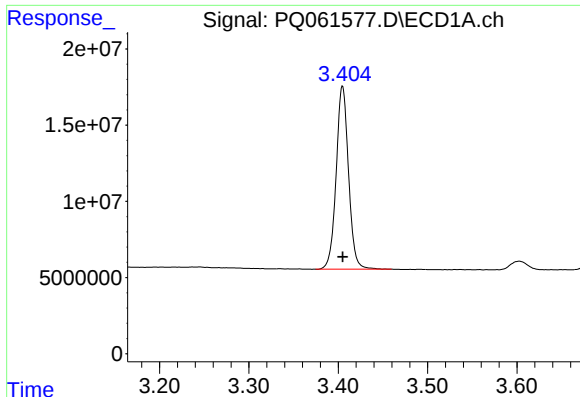
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:36:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.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	7.552	6.550	25535988	120.0E6	51.825	269.798 #
43) L9	AR-1268-3	7.735	6.755	3310477	2895945	8.028	7.397
44) L9	AR-1268-4	8.057	7.047	43086319	38456988	243.415	229.075
45) L9	AR-1268-5	8.348	7.315	14216253	13309037	11.961	10.732

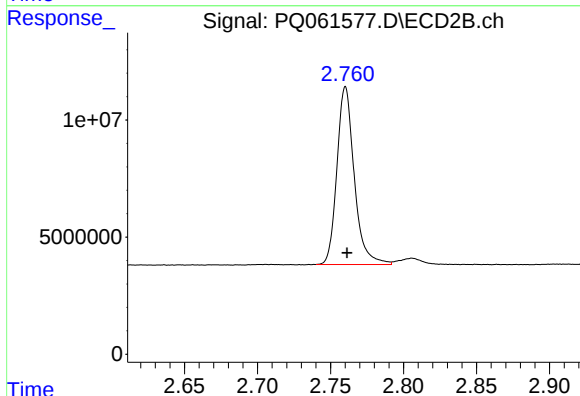
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

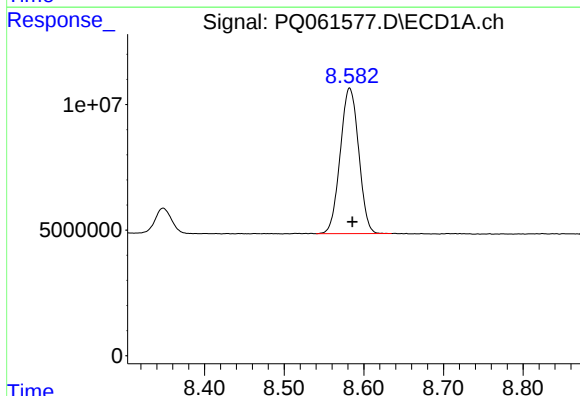
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 115650343
Conc: 25.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



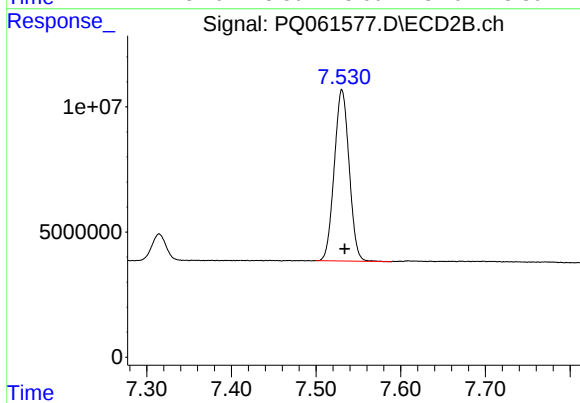
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 62800666
Conc: 23.52 ng/ml



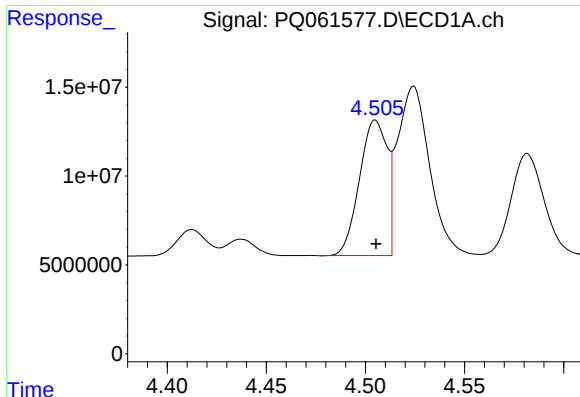
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.004 min
Response: 93220866
Conc: 27.67 ng/ml



#2 Decachlorobiphenyl

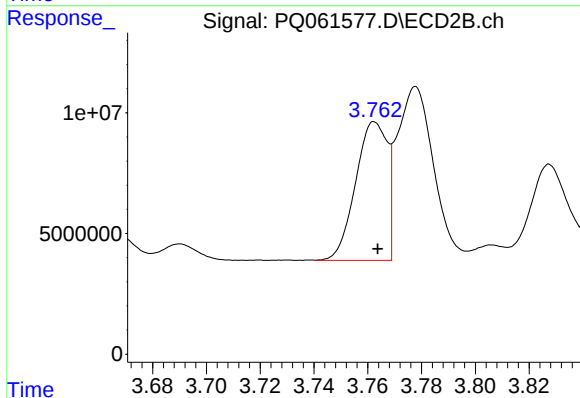
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 83593640
Conc: 24.90 ng/ml



#3 AR-1016-1

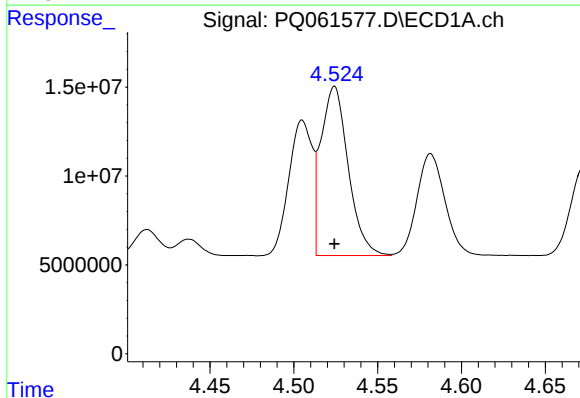
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74115947
Conc: 481.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



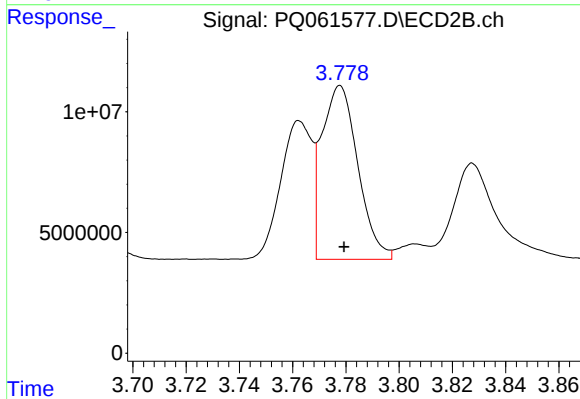
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 46804277
Conc: 453.79 ng/ml



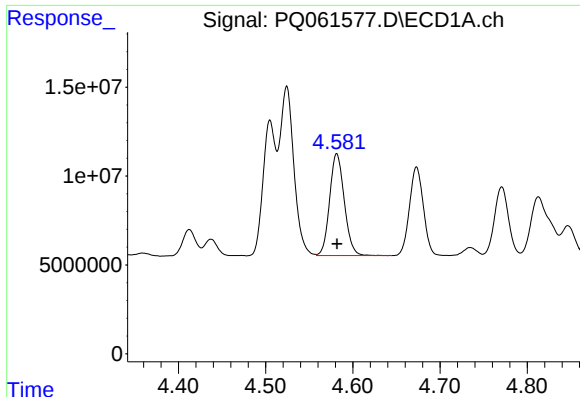
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108008123
Conc: 473.38 ng/ml



#4 AR-1016-2

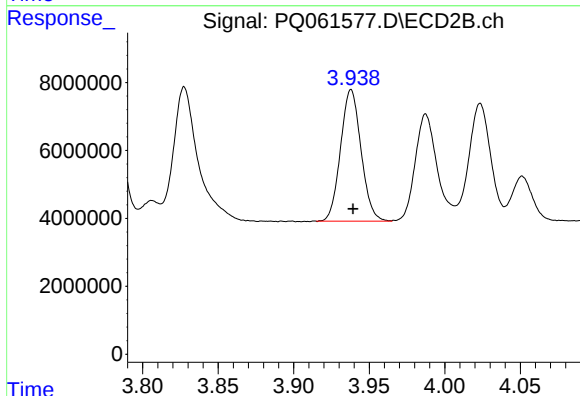
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 67741293
Conc: 454.69 ng/ml



#5 AR-1016-3

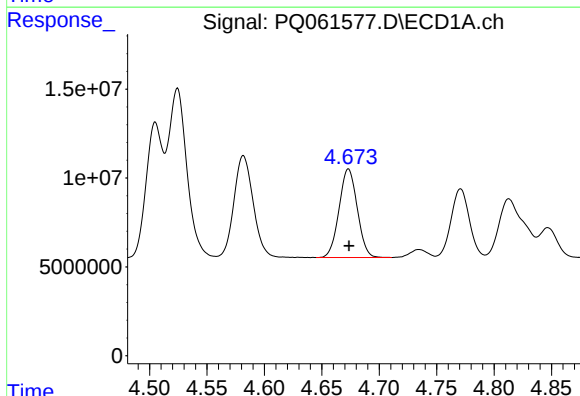
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66829150
Conc: 470.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



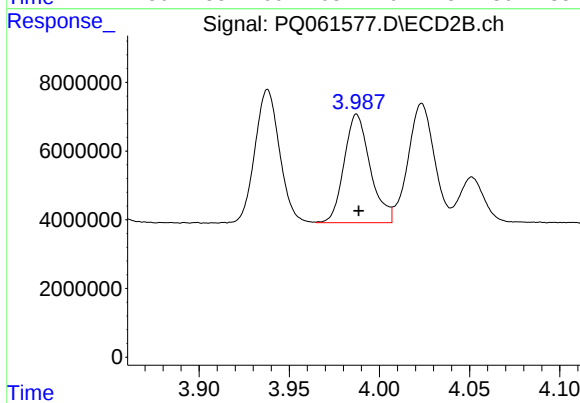
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 36615364
Conc: 463.33 ng/ml



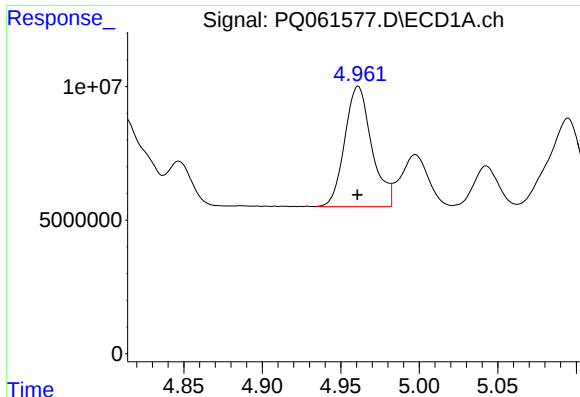
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55050814
Conc: 478.13 ng/ml



#6 AR-1016-4

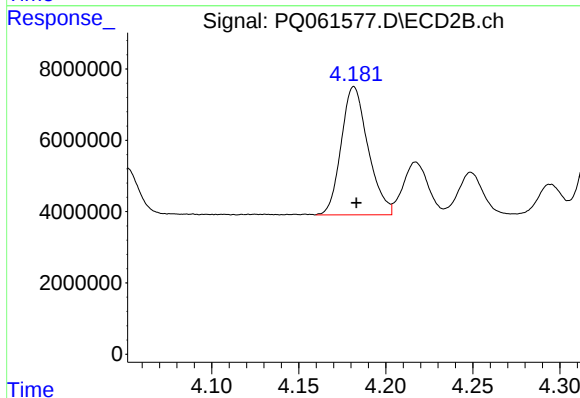
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 31834643
Conc: 448.33 ng/ml



#7 AR-1016-5

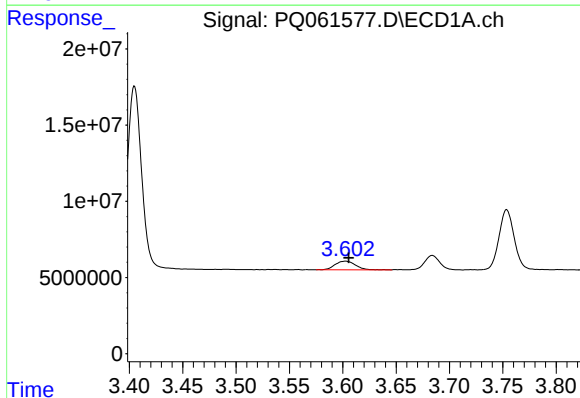
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53895158
Conc: 466.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



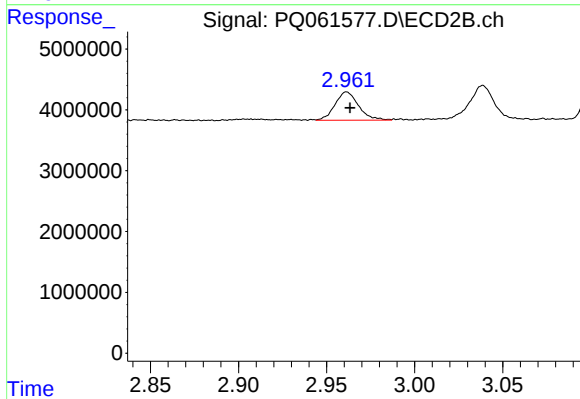
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 38612723
Conc: 451.01 ng/ml



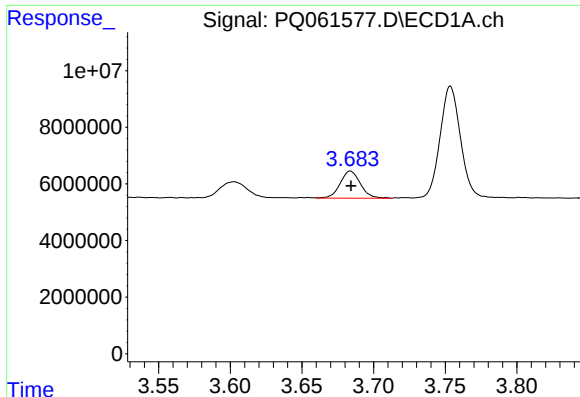
#8 AR-1221-1

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 7502627
Conc: 133.71 ng/ml



#8 AR-1221-1

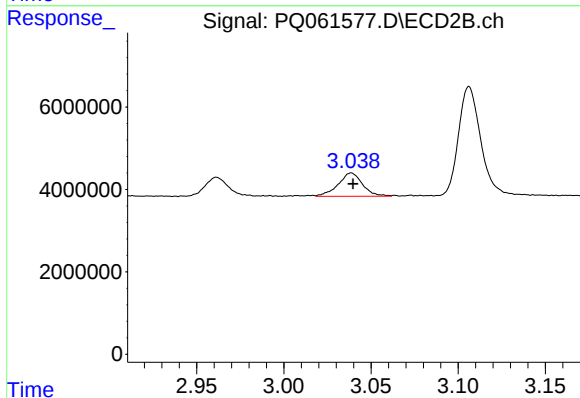
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 4319876
Conc: 121.32 ng/ml



#9 AR-1221-2

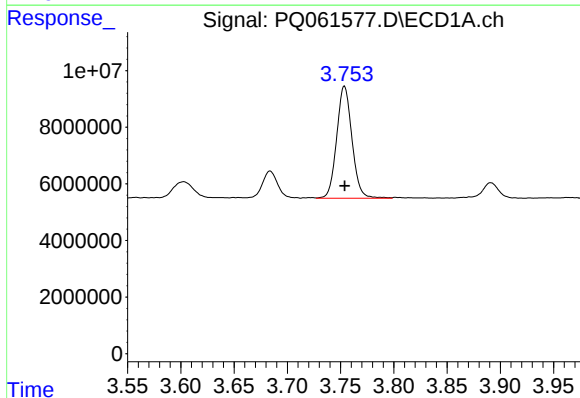
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 9364075
Conc: 221.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



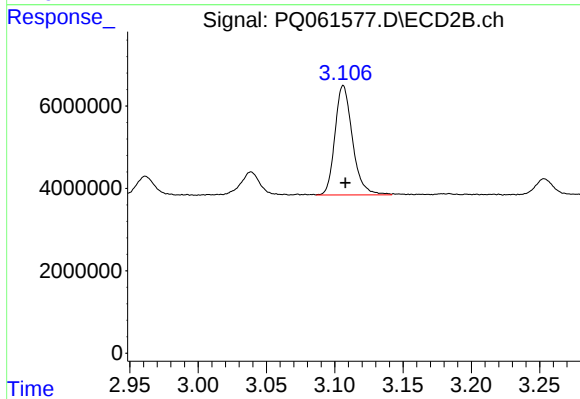
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 5495602
Conc: 199.53 ng/ml



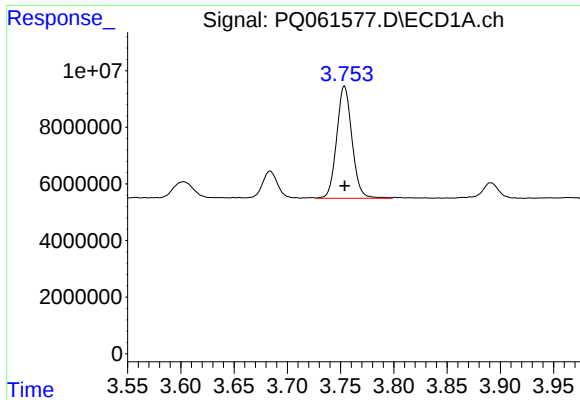
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39604360
Conc: 302.14 ng/ml



#10 AR-1221-3

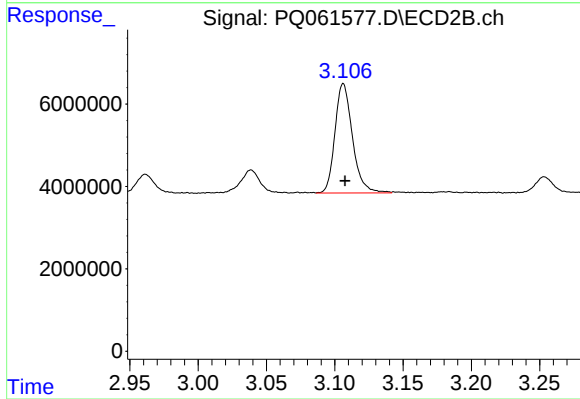
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 23746356
Conc: 280.22 ng/ml



#11 AR-1232-1

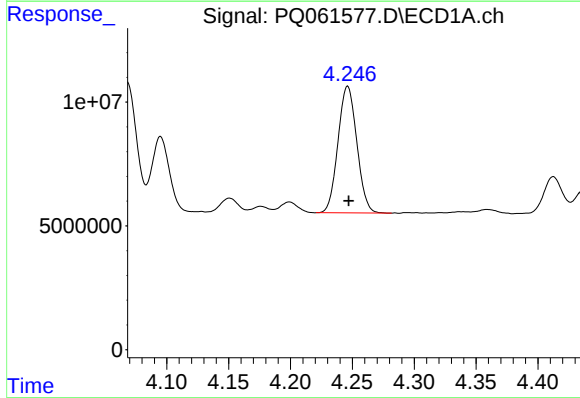
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39604360
Conc: 414.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



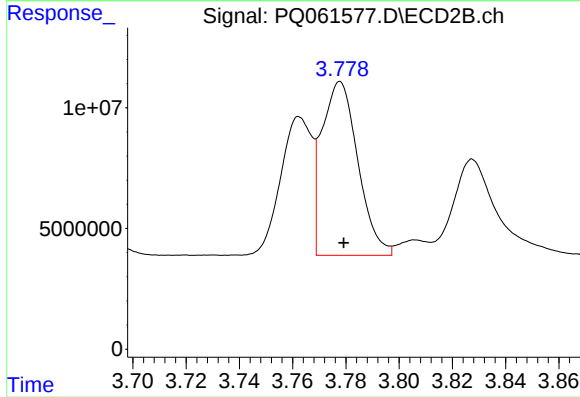
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 23746356
Conc: 385.60 ng/ml



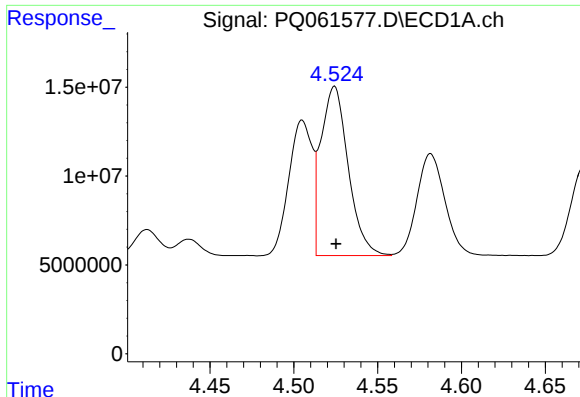
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 54248142
Conc: 987.48 ng/ml



#12 AR-1232-2

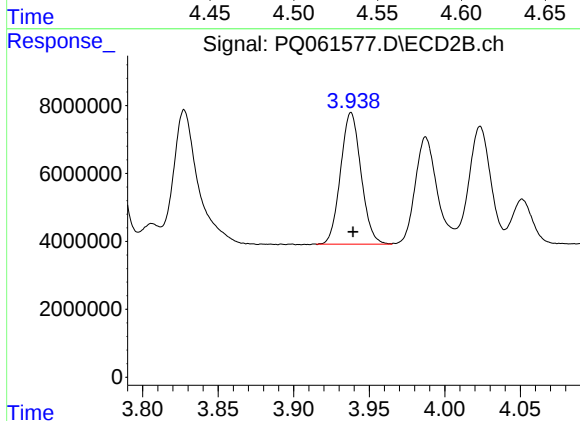
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 67741293
Conc: 983.22 ng/ml



#13 AR-1232-3

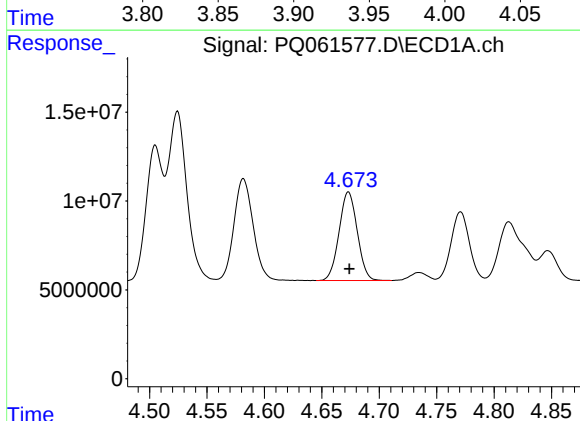
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108008123
Conc: 1033.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



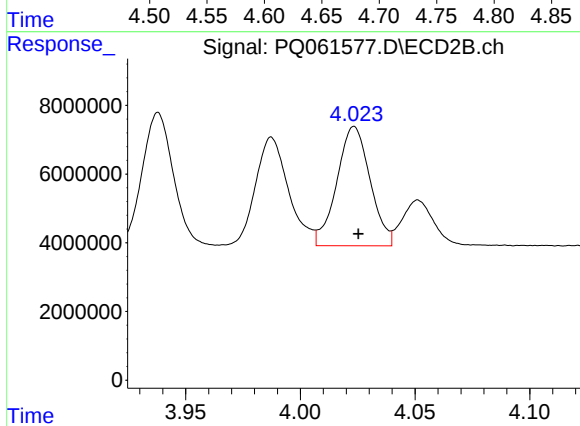
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 36615364
Conc: 1012.59 ng/ml



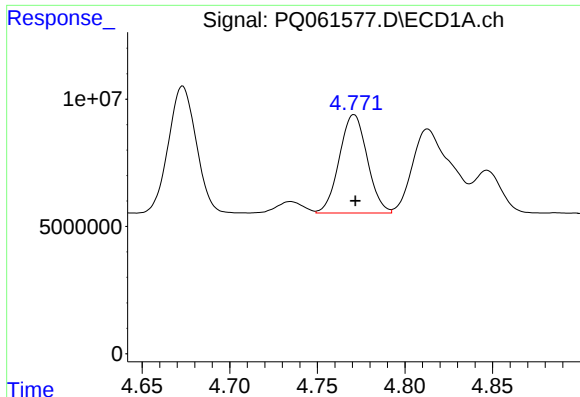
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 55050814
Conc: 1037.57 ng/ml



#14 AR-1232-4

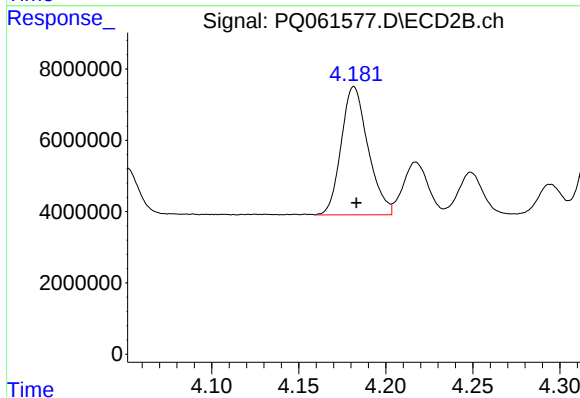
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 35114745
Conc: 1089.48 ng/ml



#15 AR-1232-5

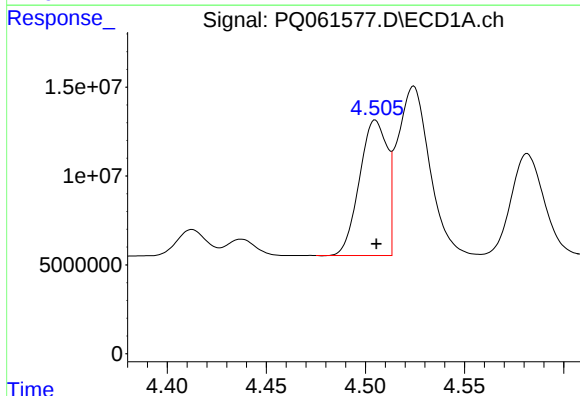
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 42941874
Conc: 1138.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



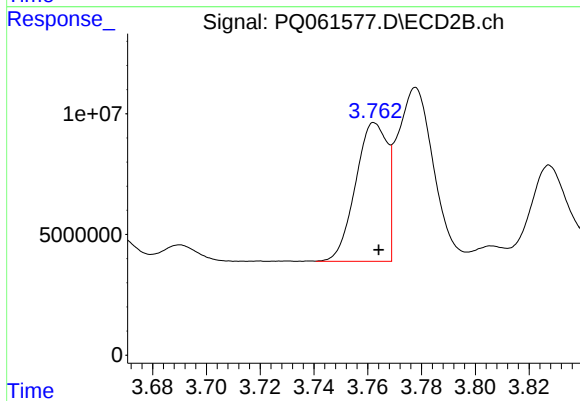
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 38612723
Conc: 1007.53 ng/ml



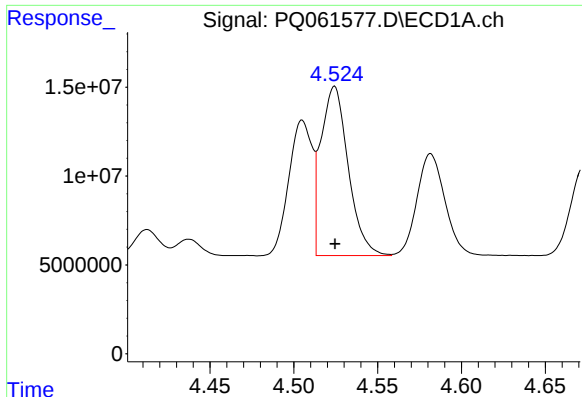
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74115947
Conc: 653.18 ng/ml



#16 AR-1242-1

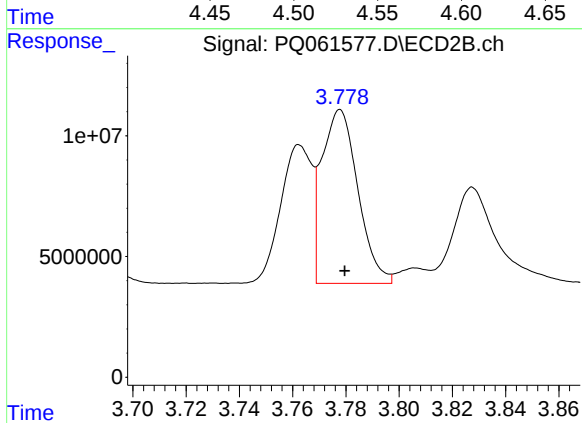
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 46804277
Conc: 611.11 ng/ml



#17 AR-1242-2

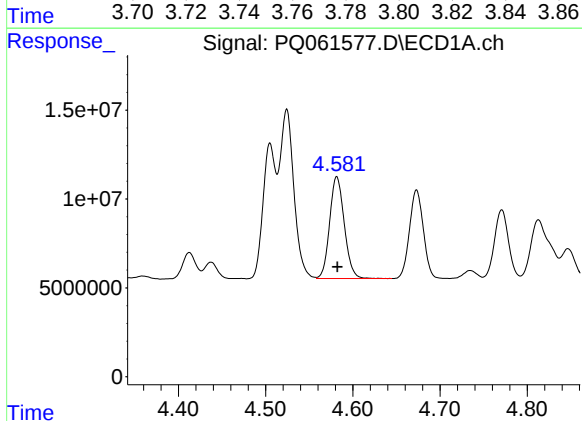
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108008123
Conc: 636.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



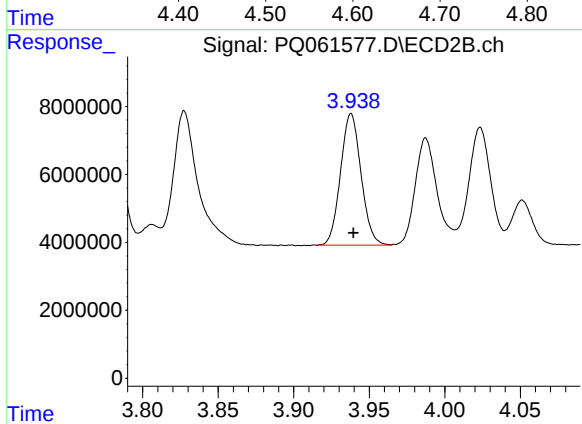
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 67741293
Conc: 611.25 ng/ml



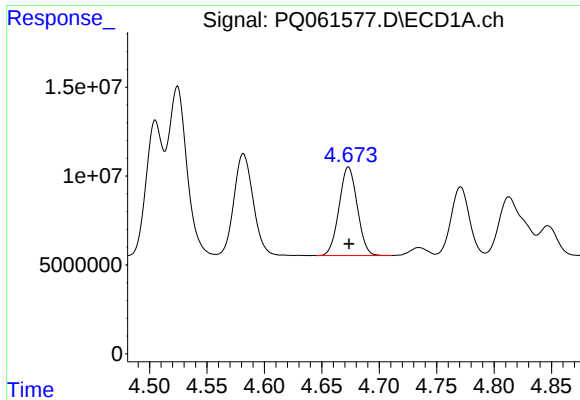
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66829150
Conc: 624.68 ng/ml



#18 AR-1242-3

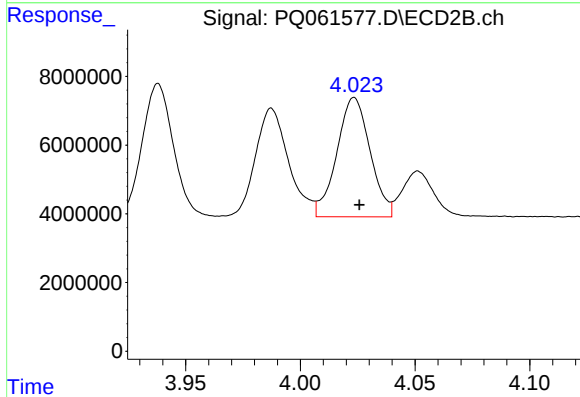
R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 36615364
Conc: 618.69 ng/ml



#19 AR-1242-4

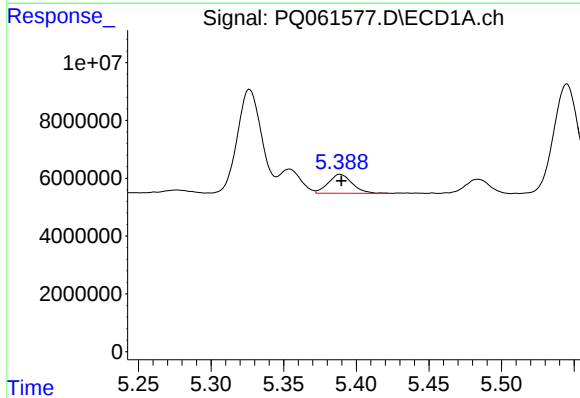
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55050814
Conc: 634.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



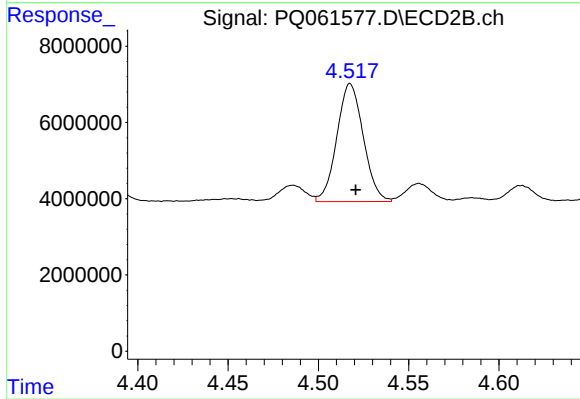
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 35114745
Conc: 586.36 ng/ml



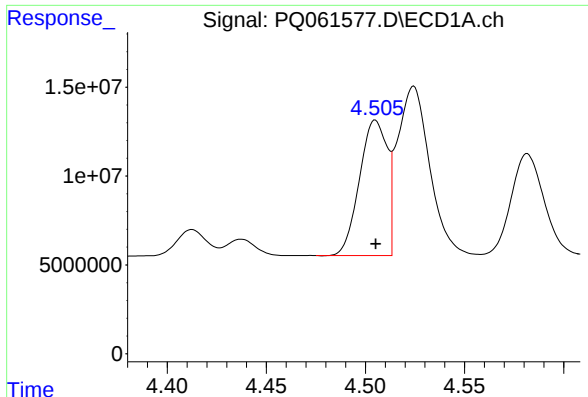
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: -0.001 min
Response: 7543714
Conc: 85.06 ng/ml



#20 AR-1242-5

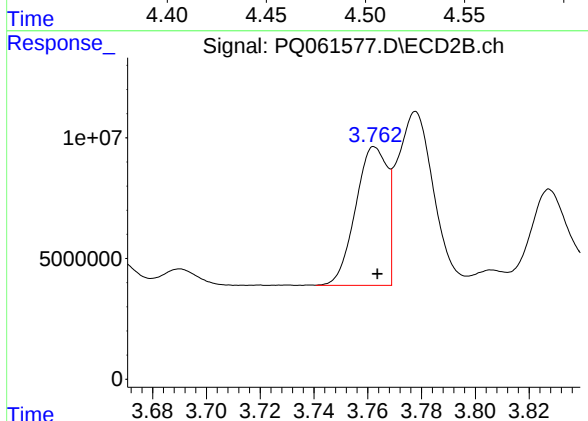
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 31601372
Conc: 394.67 ng/ml



#21 AR-1248-1

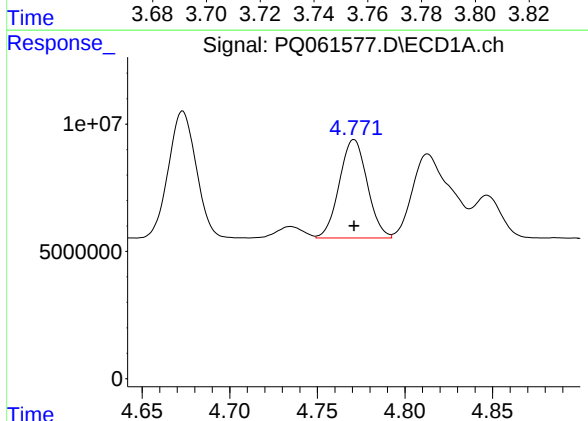
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74115947
Conc: 822.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



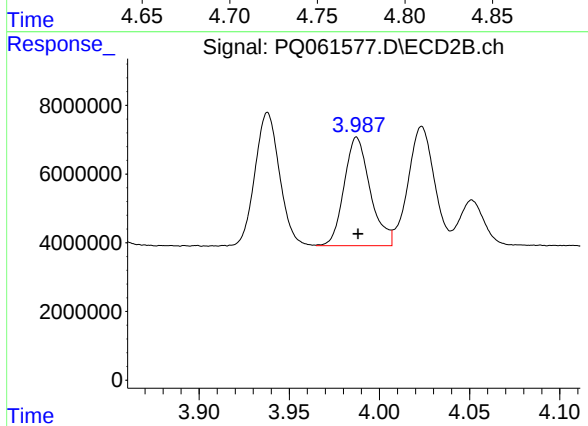
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 46804277
Conc: 752.05 ng/ml



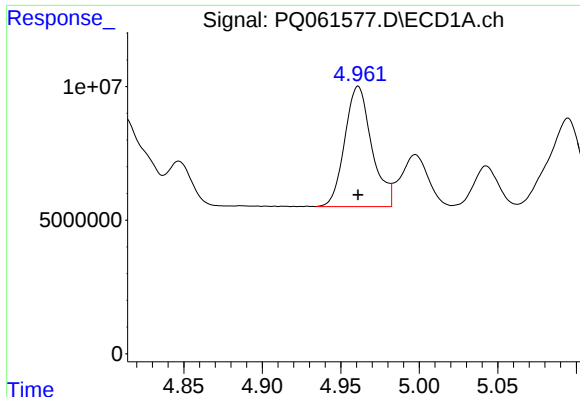
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 42941874
Conc: 337.79 ng/ml



#22 AR-1248-2

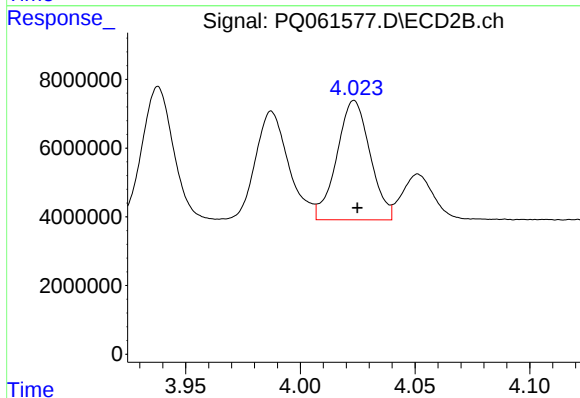
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 31834643
Conc: 329.36 ng/ml



#23 AR-1248-3

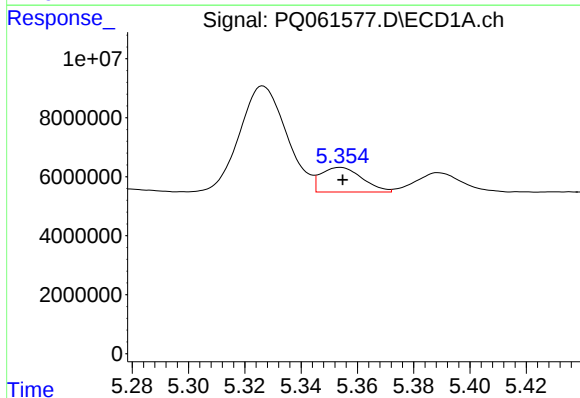
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53895158
Conc: 349.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



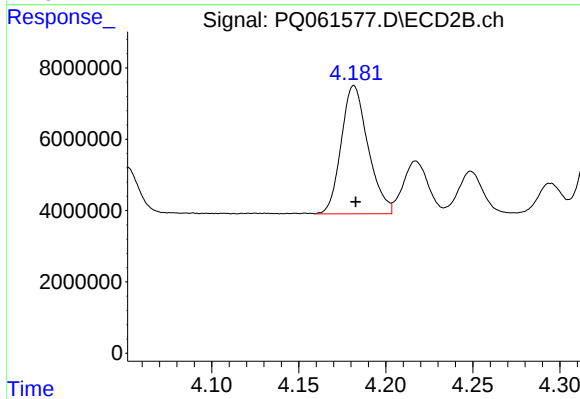
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 35114745
Conc: 384.13 ng/ml



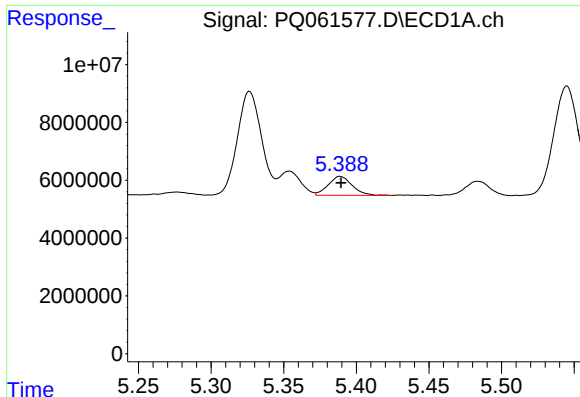
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 8486238
Conc: 49.99 ng/ml



#24 AR-1248-4

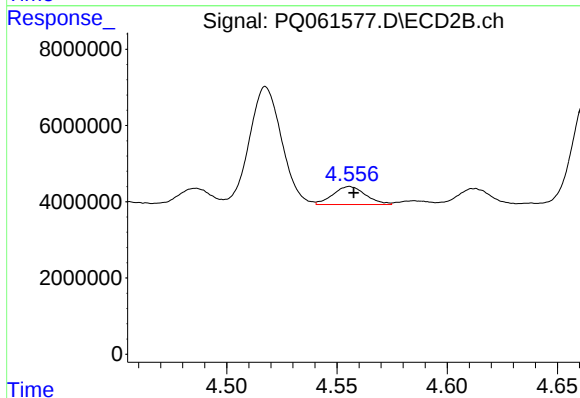
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 38612723
Conc: 341.01 ng/ml



#25 AR-1248-5

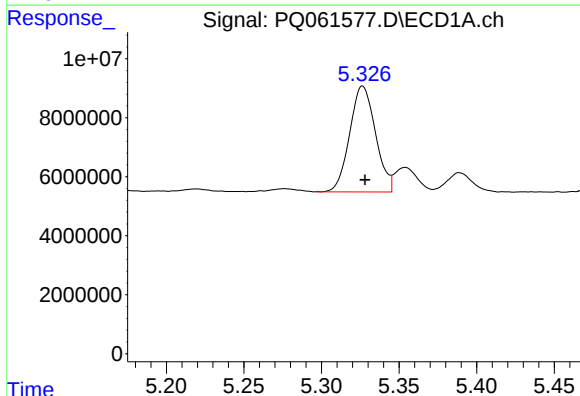
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7543714
Conc: 46.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



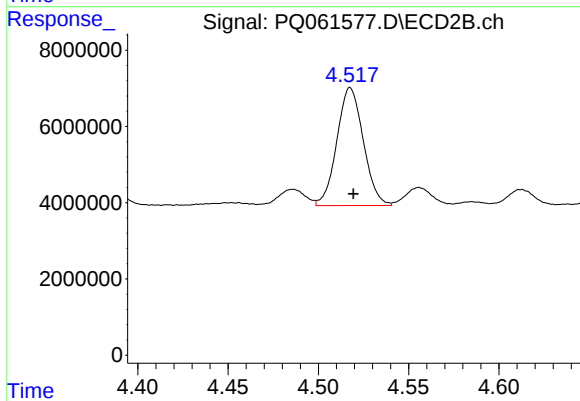
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 4910069
Conc: 44.58 ng/ml



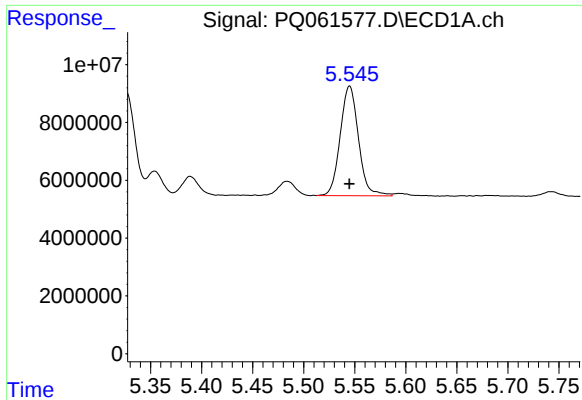
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 41630305
Conc: 243.74 ng/ml



#26 AR-1254-1

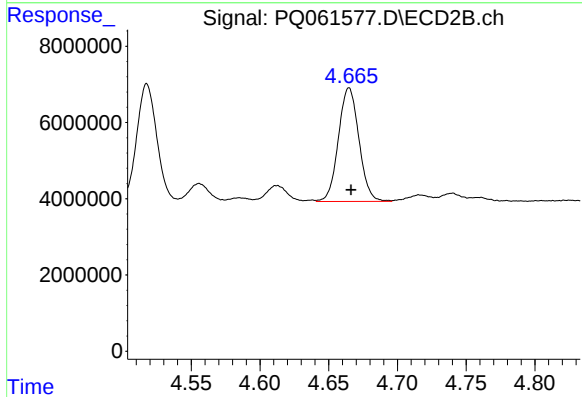
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 31601372
Conc: 192.17 ng/ml



#27 AR-1254-2

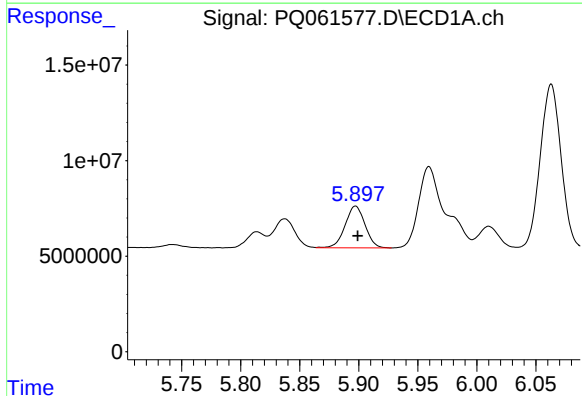
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 47274430
Conc: 176.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



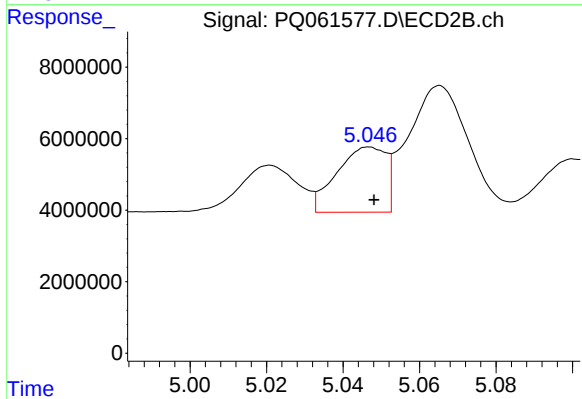
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 31001866
Conc: 206.12 ng/ml



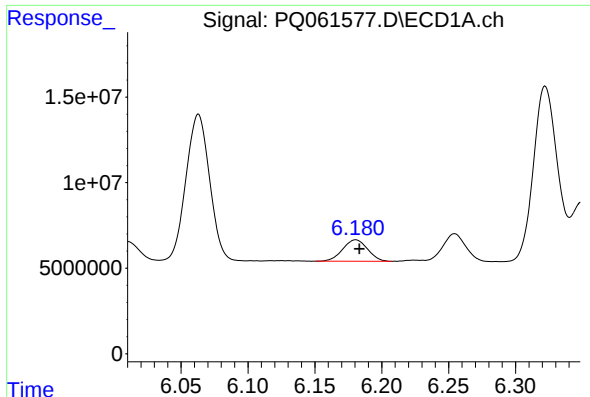
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 25699024
Conc: 91.97 ng/ml



#28 AR-1254-3

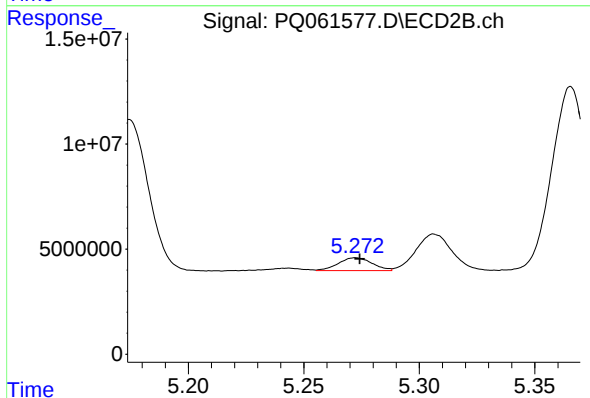
R.T.: 5.047 min
Delta R.T.: -0.001 min
Response: 16316906
Conc: 70.12 ng/ml



#29 AR-1254-4

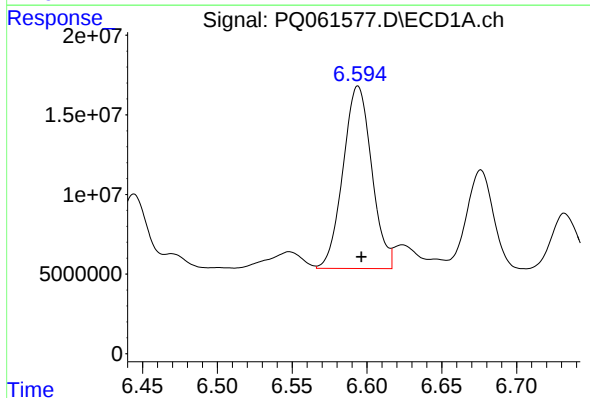
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 16252535
Conc: 79.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



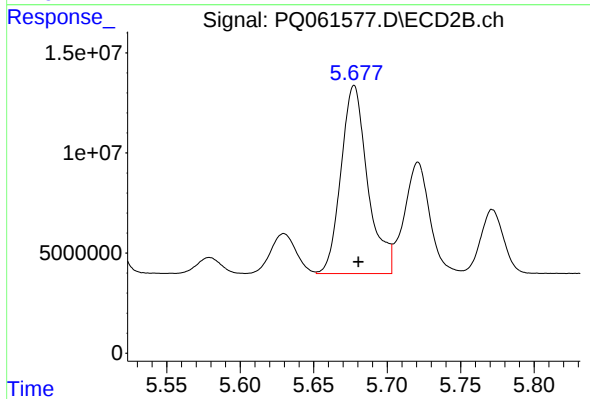
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 6249515
Conc: 43.50 ng/ml



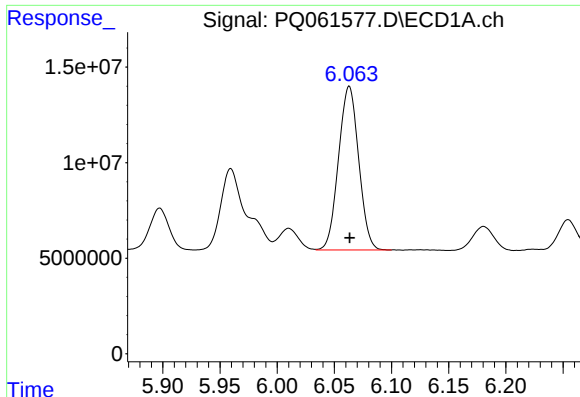
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 152829195
Conc: 647.90 ng/ml



#30 AR-1254-5

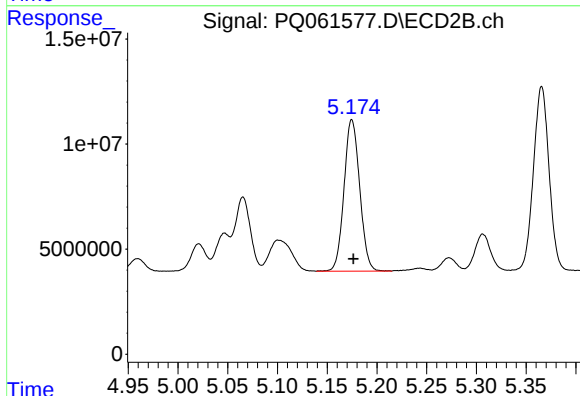
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 119020883
Conc: 521.77 ng/ml



#31 AR-1260-1

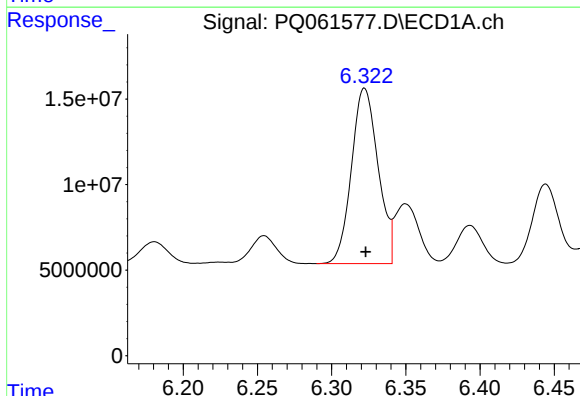
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 105042401
Conc: 472.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



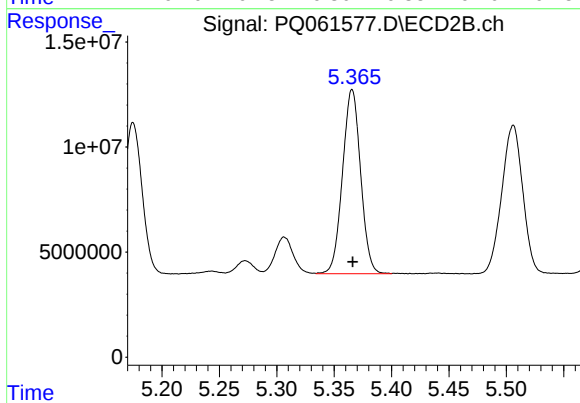
#31 AR-1260-1

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 79053367
Conc: 459.59 ng/ml



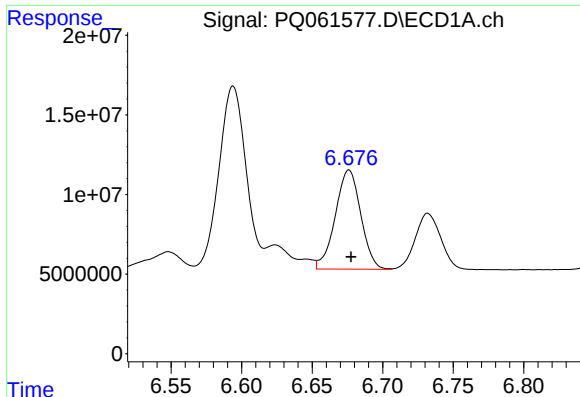
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 128012222
Conc: 481.17 ng/ml



#32 AR-1260-2

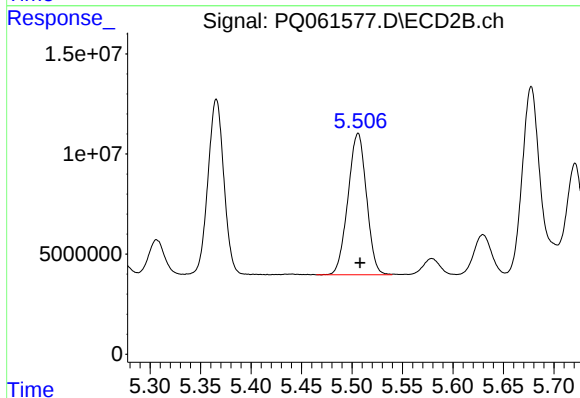
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 96184503
Conc: 464.14 ng/ml



#33 AR-1260-3

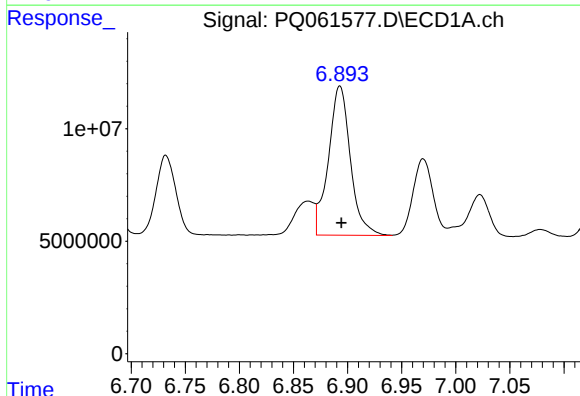
R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 78320376
Conc: 465.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



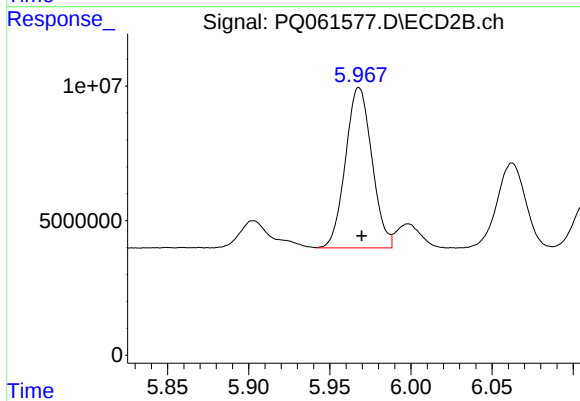
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 90217540
Conc: 454.24 ng/ml



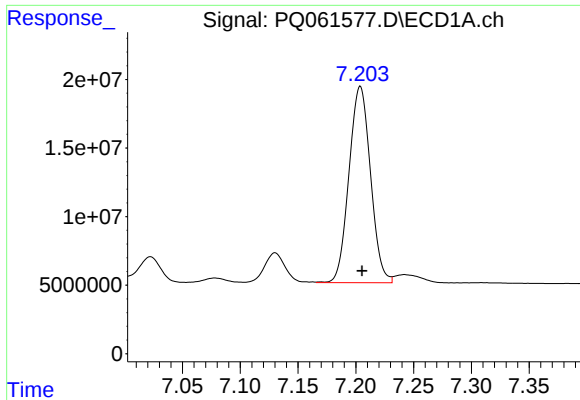
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 93730075
Conc: 467.03 ng/ml



#34 AR-1260-4

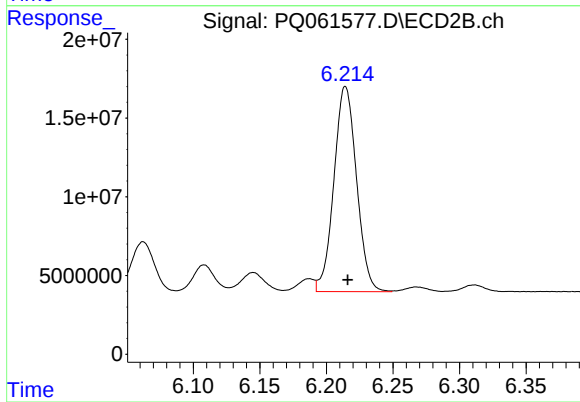
R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 67621979
Conc: 459.68 ng/ml



#35 AR-1260-5

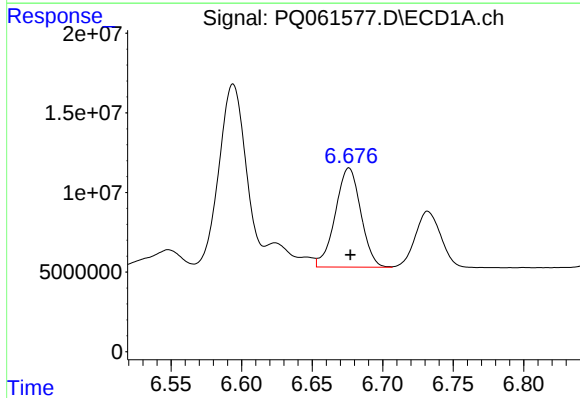
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 185365543
Conc: 487.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



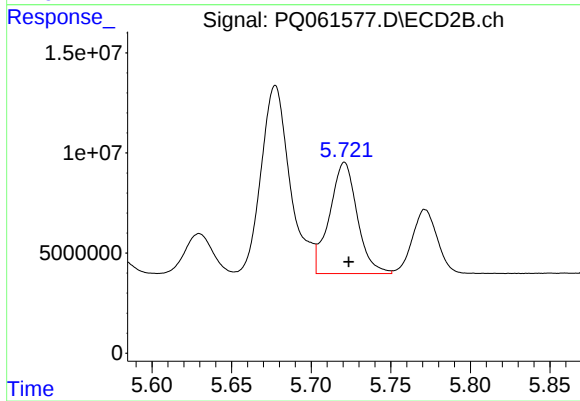
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 154197991
Conc: 474.88 ng/ml



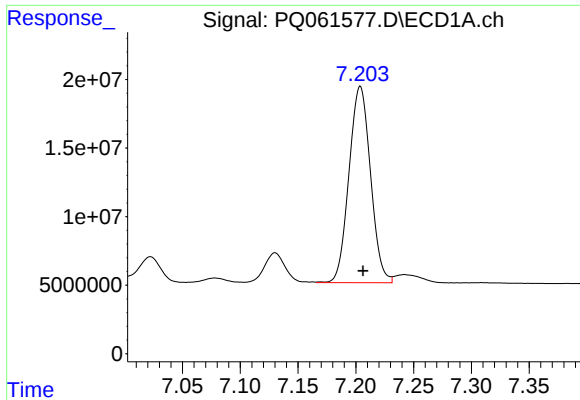
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 78320376
Conc: 261.59 ng/ml



#36 AR-1262-1

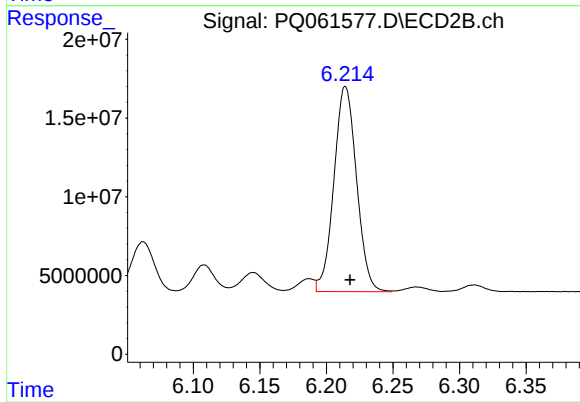
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 67404352
Conc: 278.13 ng/ml



#37 AR-1262-2

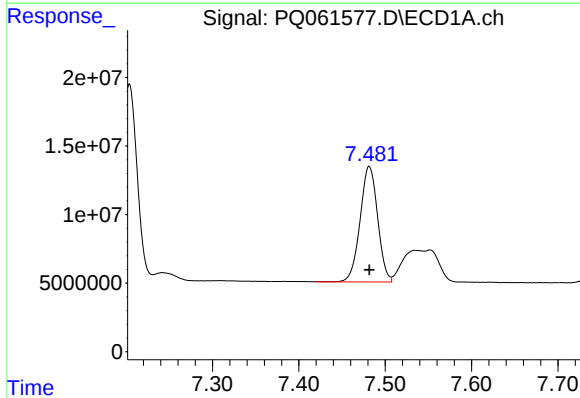
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 185365543
Conc: 367.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



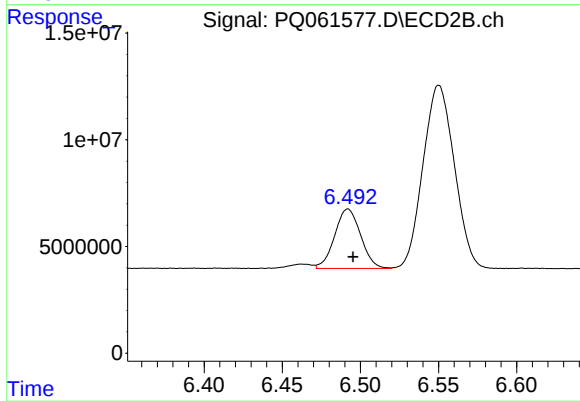
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 154197991
Conc: 352.81 ng/ml



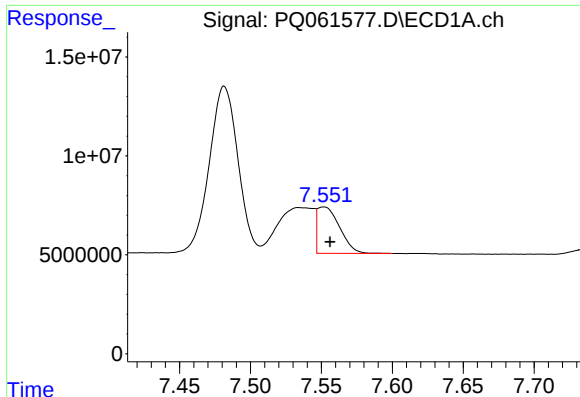
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 118837344
Conc: 351.64 ng/ml



#38 AR-1262-3

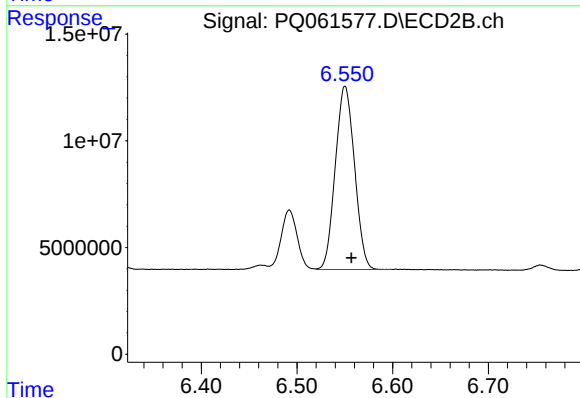
R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 32342938
Conc: 179.47 ng/ml



#39 AR-1262-4

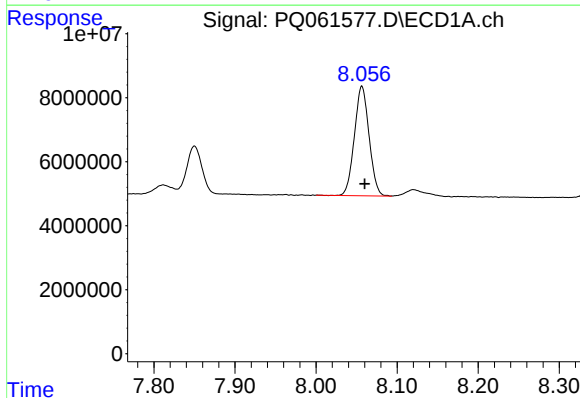
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 25535988
Conc: 99.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



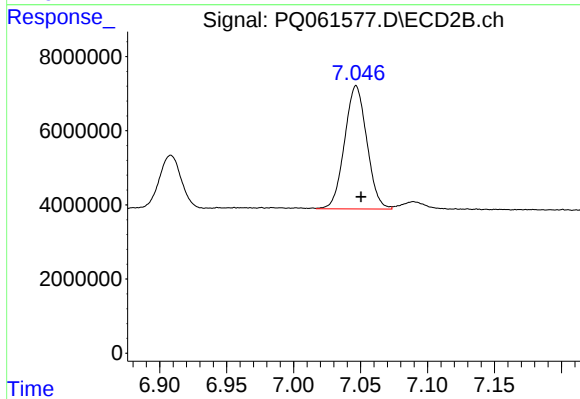
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.007 min
Response: 120029855
Conc: 361.94 ng/ml



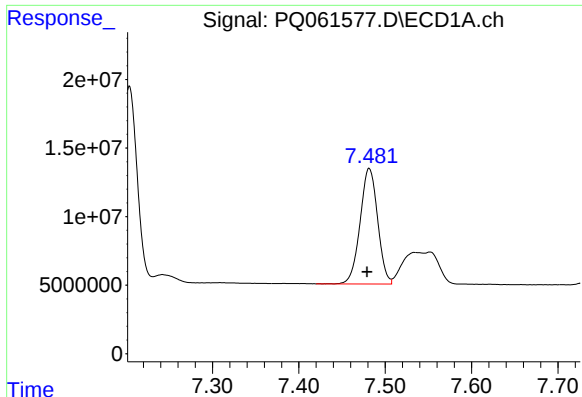
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 43086319
Conc: 252.99 ng/ml



#40 AR-1262-5

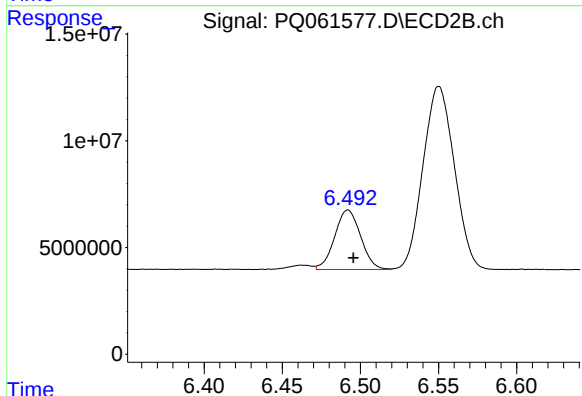
R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 38456988
Conc: 239.73 ng/ml



#41 AR-1268-1

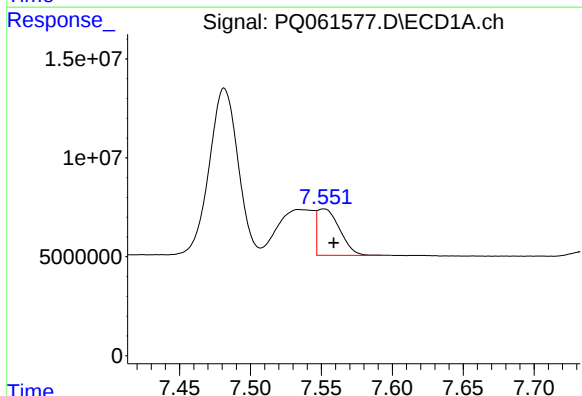
R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 118837344
Conc: 215.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



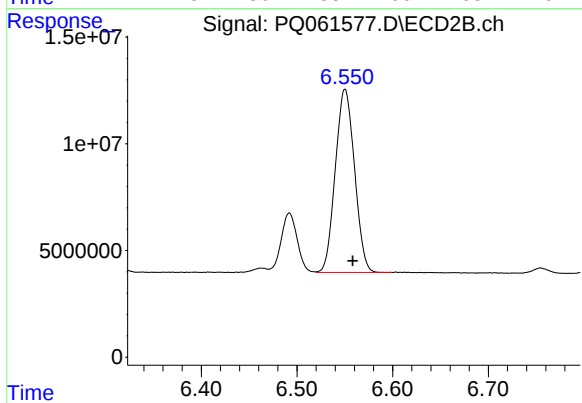
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 32342938
Conc: 65.83 ng/ml



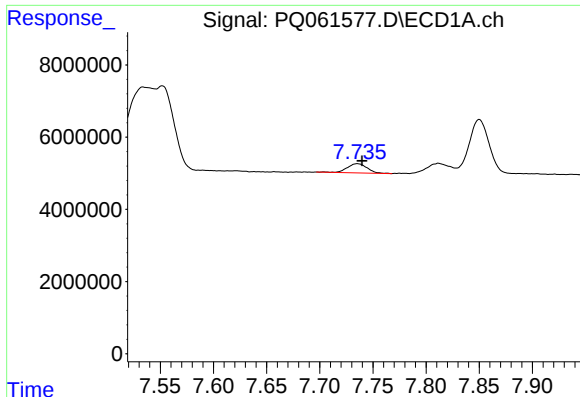
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 25535988
Conc: 51.82 ng/ml



#42 AR-1268-2

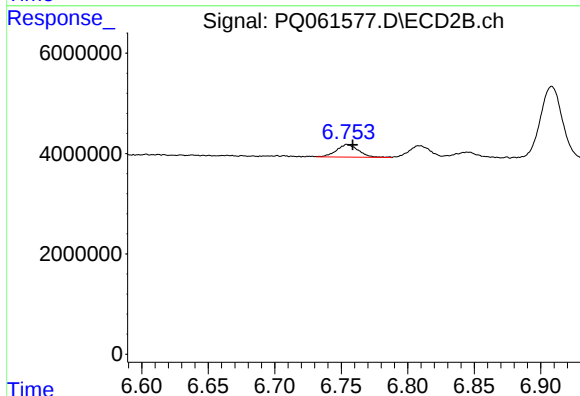
R.T.: 6.550 min
Delta R.T.: -0.008 min
Response: 120029855
Conc: 269.80 ng/ml



#43 AR-1268-3

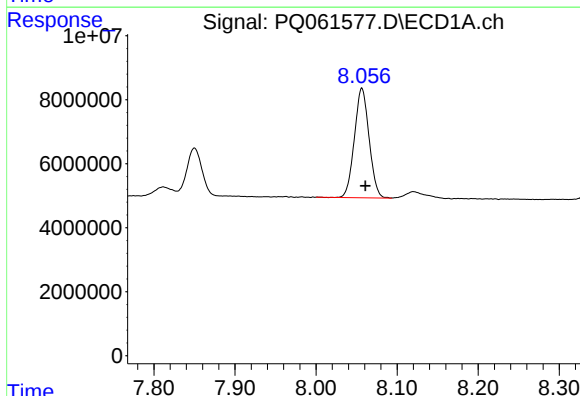
R.T.: 7.735 min
Delta R.T.: -0.005 min
Response: 3310477
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



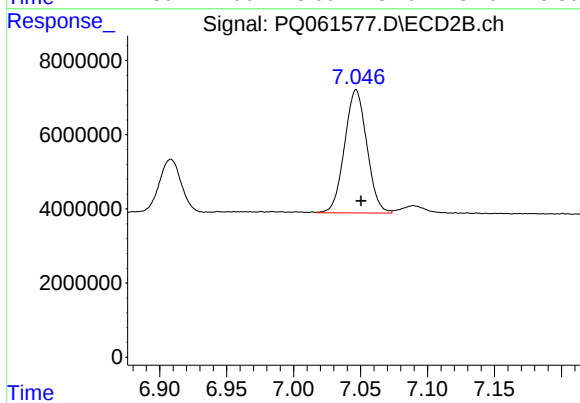
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 2895945
Conc: 7.40 ng/ml



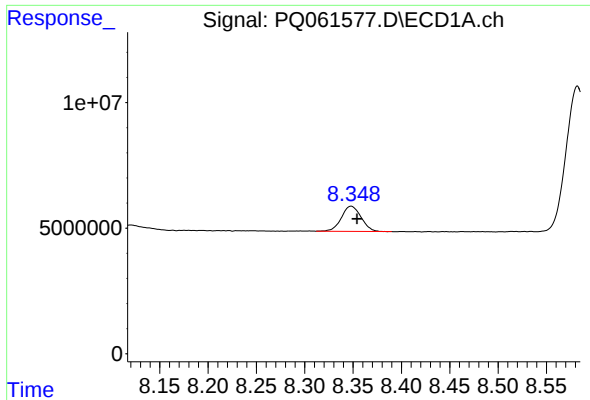
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 43086319
Conc: 243.41 ng/ml



#44 AR-1268-4

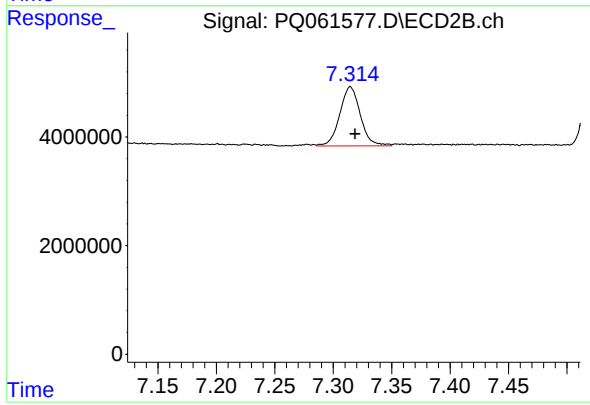
R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 38456988
Conc: 229.08 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.006 min
Response: 14216253
Conc: 11.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 13309037
Conc: 10.73 ng/ml