

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
 Data File : PQ061929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 20:14
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:45:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.405	2.760	219.6E6	131.7E6	45.020	52.501
2)	SA Decachlor...	8.583	7.529	170.3E6	161.1E6	46.878	48.356
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	74218841	48321443	450.581	488.217
4)	L1 AR-1016-2	4.524	3.777	112.3E6	71809567	454.272	497.989
5)	L1 AR-1016-3	4.582	3.937	69213735	38263962	454.142	507.192
6)	L1 AR-1016-4	4.674	3.986	57202409	33208788	456.359	505.622
7)	L1 AR-1016-5	4.961	4.181	56314968	40505686	462.672	494.083
8)	L2 AR-1221-1	3.602	2.960	7859772	5051007	130.761	153.077
9)	L2 AR-1221-2	3.684	3.038	10999993	7298891	244.811	287.357
10)	L2 AR-1221-3	3.754	3.106	41544410	26751892	295.651	347.018
11)	L3 AR-1232-1	3.754	3.106	41544410	26751892	393.408	466.885
12)	L3 AR-1232-2	4.247	3.777	56218839	71809567	950.427	1078.951
13)	L3 AR-1232-3	4.524	3.937	112.3E6	38263962	993.336	1107.336
14)	L3 AR-1232-4	4.674	4.022	57202409	36242409	1009.458	1218.649
15)	L3 AR-1232-5	4.771	4.181	44873806	40505686	1120.444	1135.859
16)	L4 AR-1242-1	4.505	3.762	74218841	48321443	567.839	624.800
17)	L4 AR-1242-2	4.524	3.777	112.3E6	71809567	578.593	646.010
18)	L4 AR-1242-3	4.582	3.937	69213735	38263962	572.752	653.236
19)	L4 AR-1242-4	4.674	4.022	57202409	36242409	586.777	618.174
20)	L4 AR-1242-5	5.390	4.516	7175826	33413450	74.959	403.093 #
21)	L5 AR-1248-1	4.505	3.762	74218841	48321443	713.789	772.891
22)	L5 AR-1248-2	4.771	3.986	44873806	33208788	312.357	354.156
23)	L5 AR-1248-3	4.961	4.022	56314968	36242409	324.184	400.275
24)	L5 AR-1248-4	5.355	4.181	8778308	40505686	45.737	358.967 #
25)	L5 AR-1248-5	5.390	4.554	7175826	4986409	39.619	44.509
26)	L6 AR-1254-1	5.328	4.516	43444318	33413450	233.796	206.942
27)	L6 AR-1254-2	5.546	4.663	49198039	32674432	169.232	221.936 #
28)	L6 AR-1254-3	5.898	5.045	26808349	17327829	87.284	74.145
29)	L6 AR-1254-4	6.181	5.271	16641248	7220611	71.670	47.375 #
30)	L6 AR-1254-5	6.595	5.676	154.5E6	127.4E6	601.449	552.056
31)	L7 AR-1260-1	6.063	5.174	108.7E6	84455198	460.680	507.076
32)	L7 AR-1260-2	6.323	5.364	129.2E6	104.1E6	447.417	500.848
33)	L7 AR-1260-3	6.677	5.505	80706183	97498557	457.061	501.127
34)	L7 AR-1260-4	6.894	5.966	96478721	73164893	458.005	501.605
35)	L7 AR-1260-5	7.205	6.214	188.5E6	165.1E6	459.078	497.071
36)	L8 AR-1262-1	6.677	5.719	80706183	73070133	264.661	314.319
37)	L8 AR-1262-2	7.205	5.966	188.5E6	73164893	357.882	338.402
38)	L8 AR-1262-3	7.483	6.490	120.2E6	35151401	341.230	201.640 #
39)	L8 AR-1262-4	7.553	6.548	30806913	128.3E6	115.503	398.199 #
40)	L8 AR-1262-5	8.058	7.046	44438477	41012400	250.345	264.400
41)	L9 AR-1268-1	7.483	6.490	120.2E6	35151401	211.843	74.705 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
 Data File : PQ061929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 20:14
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

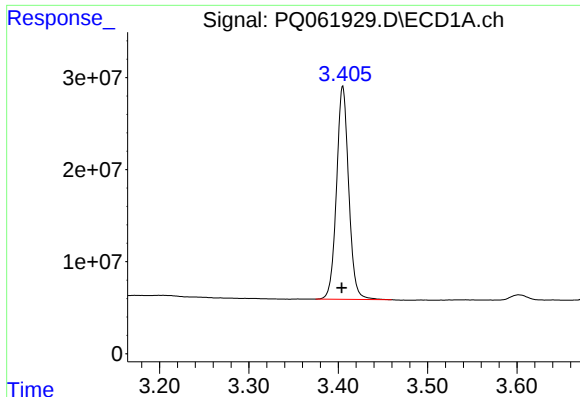
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:45:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.553	6.548	30806913	128.3E6	60.421	302.895 #
43) L9	AR-1268-3	7.737	6.753	3884526	3336979	9.102	9.060
44) L9	AR-1268-4	8.058	7.046	44438477	41012400	242.853	256.430
45) L9	AR-1268-5	8.351	7.313	14946988	13807082	11.856	11.832

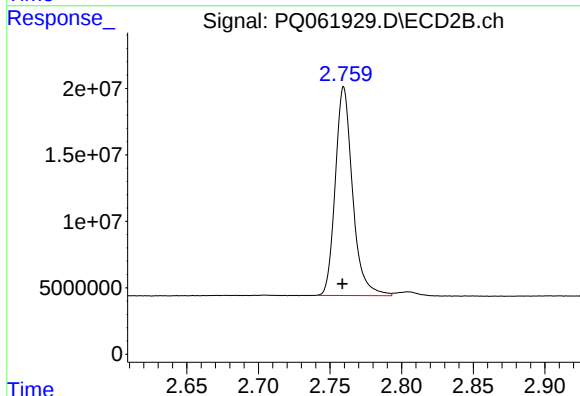
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

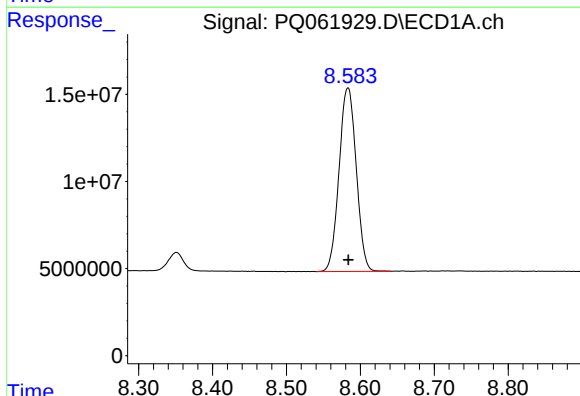
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 219614559
Conc: 45.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



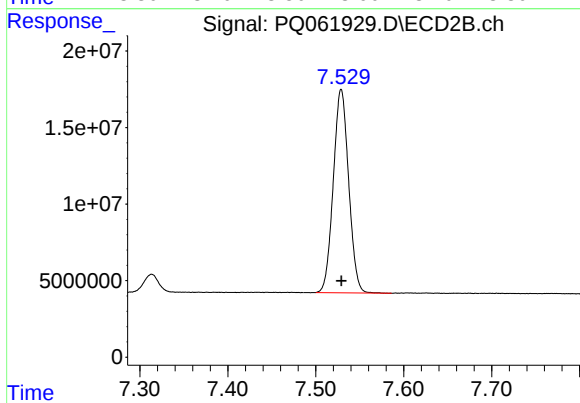
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 131729986
Conc: 52.50 ng/ml



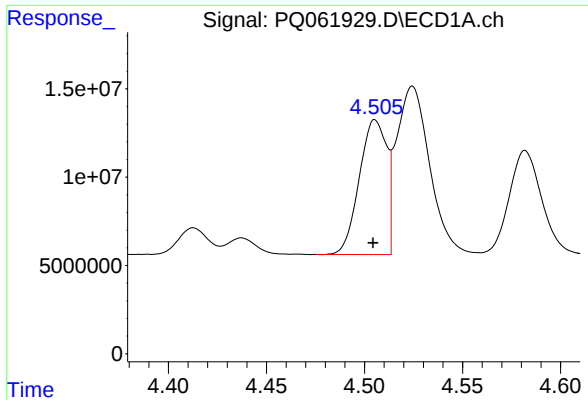
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 170295540
Conc: 46.88 ng/ml



#2 Decachlorobiphenyl

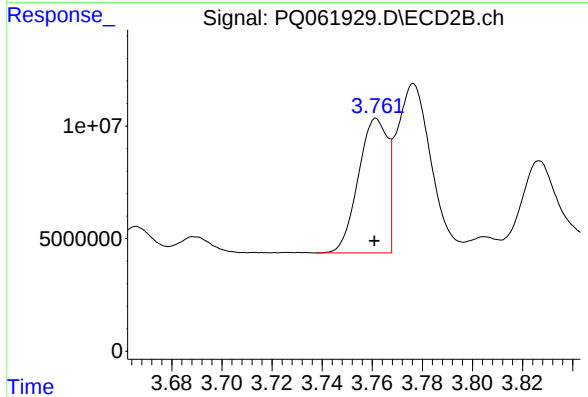
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 161130699
Conc: 48.36 ng/ml



#3 AR-1016-1

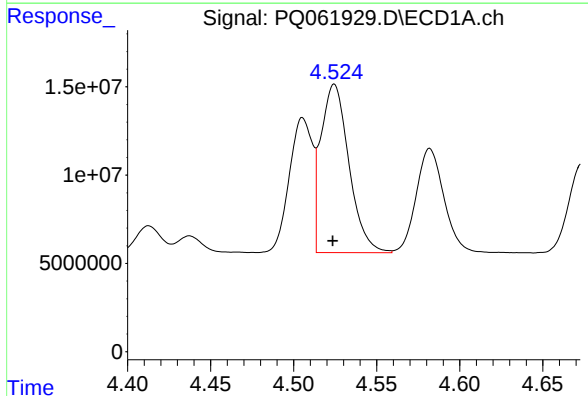
R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 74218841
Conc: 450.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



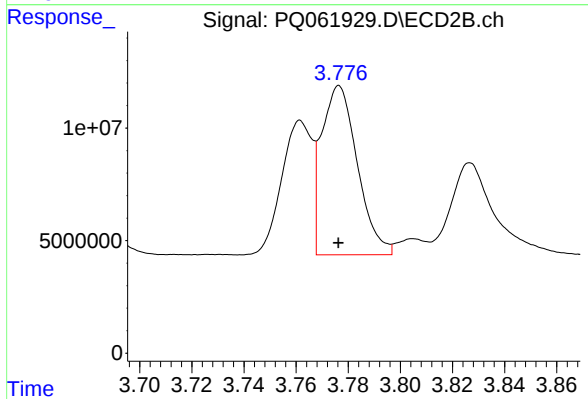
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 48321443
Conc: 488.22 ng/ml



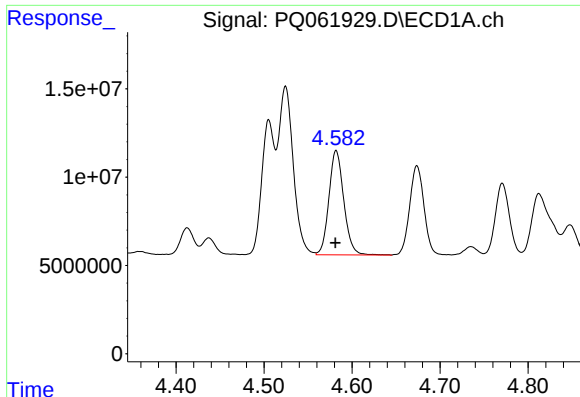
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112327002
Conc: 454.27 ng/ml



#4 AR-1016-2

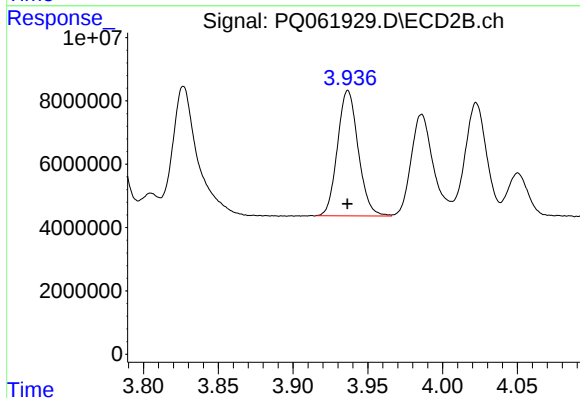
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 71809567
Conc: 497.99 ng/ml



#5 AR-1016-3

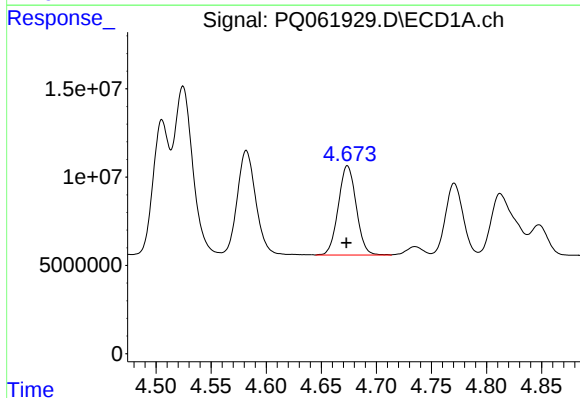
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69213735
Conc: 454.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



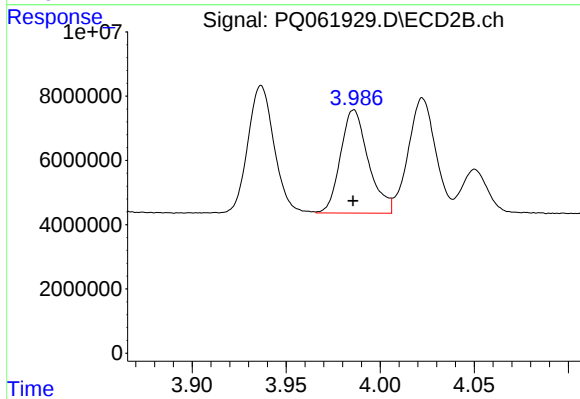
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38263962
Conc: 507.19 ng/ml



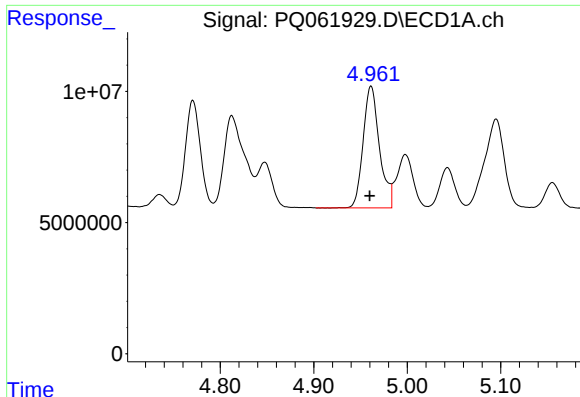
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57202409
Conc: 456.36 ng/ml



#6 AR-1016-4

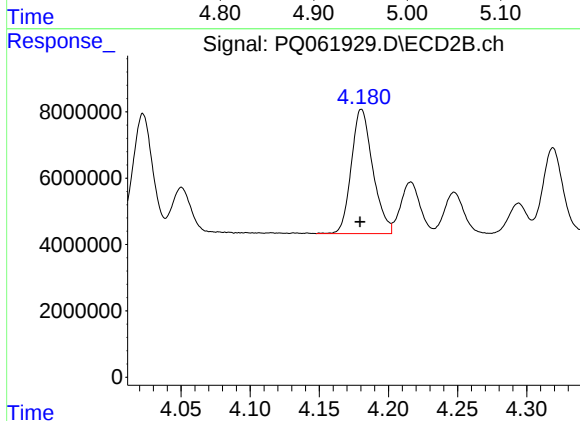
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 33208788
Conc: 505.62 ng/ml



#7 AR-1016-5

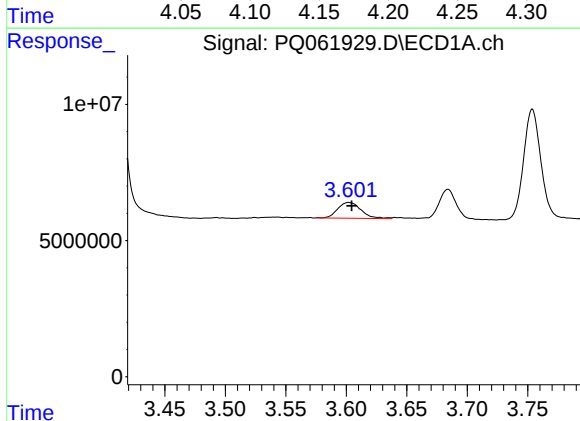
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 56314968
Conc: 462.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



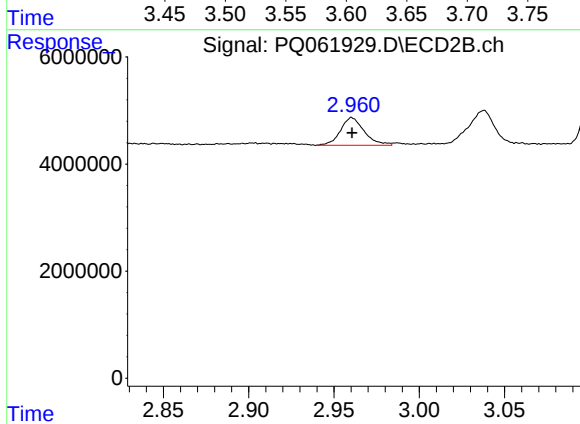
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 40505686
Conc: 494.08 ng/ml



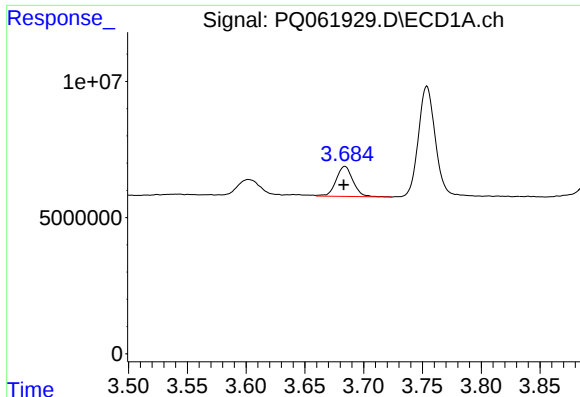
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 7859772
Conc: 130.76 ng/ml



#8 AR-1221-1

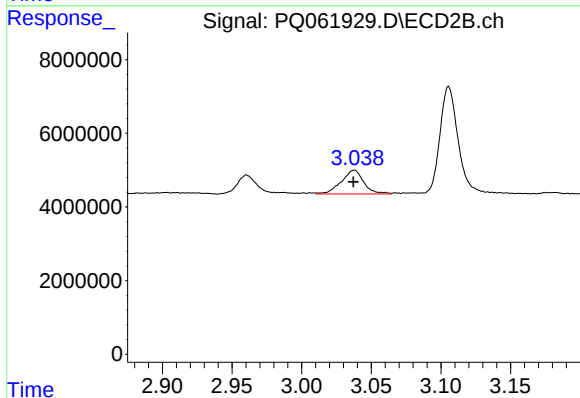
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5051007
Conc: 153.08 ng/ml



#9 AR-1221-2

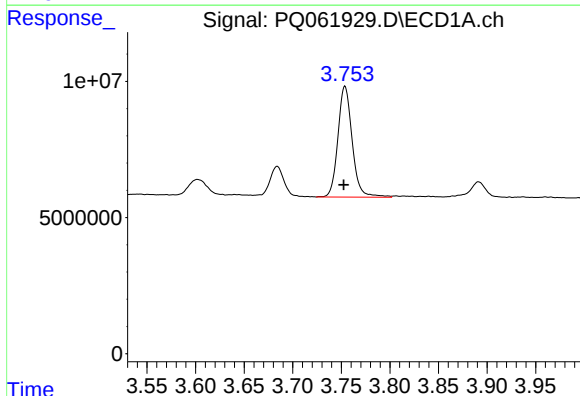
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10999993
Conc: 244.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



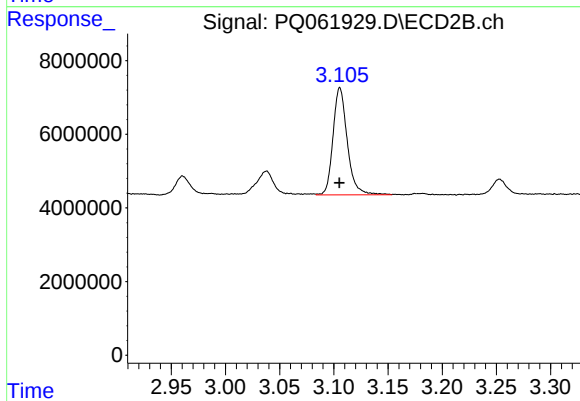
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: 0.000 min
Response: 7298891
Conc: 287.36 ng/ml



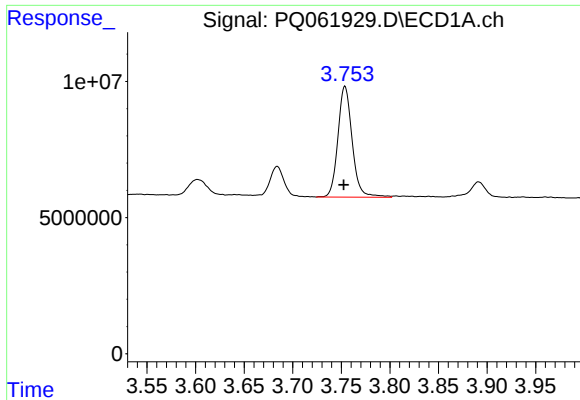
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 41544410
Conc: 295.65 ng/ml



#10 AR-1221-3

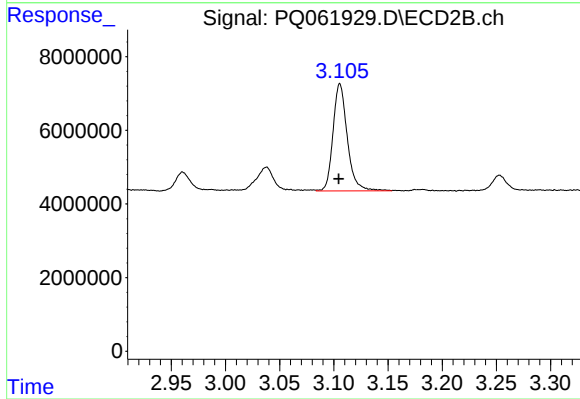
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 26751892
Conc: 347.02 ng/ml



#11 AR-1232-1

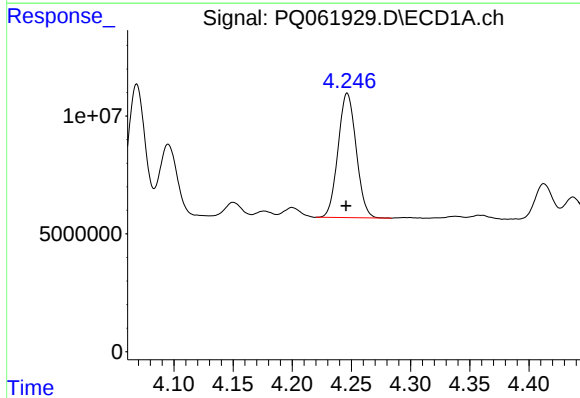
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 41544410
Conc: 393.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



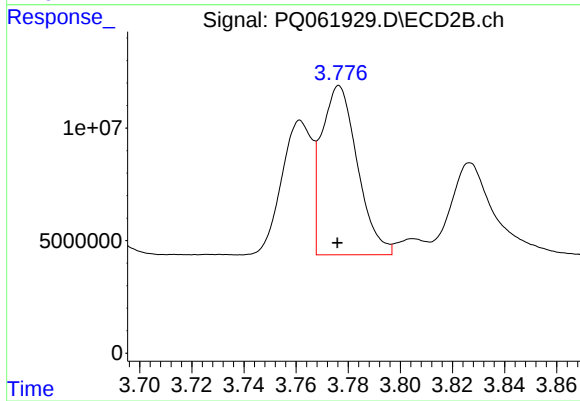
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 26751892
Conc: 466.89 ng/ml



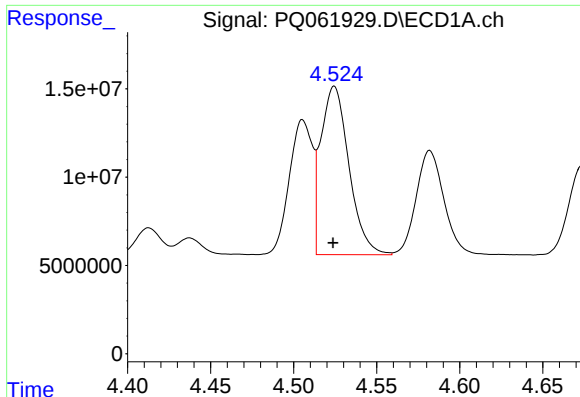
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 56218839
Conc: 950.43 ng/ml



#12 AR-1232-2

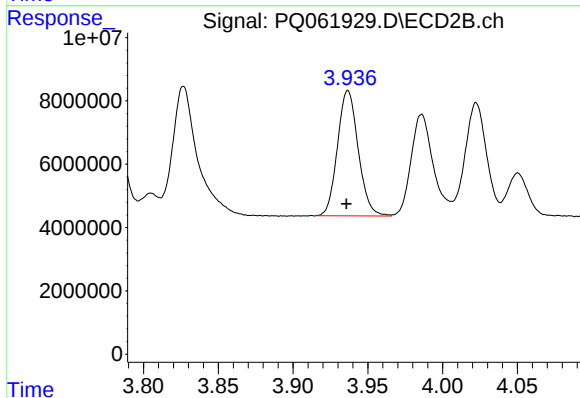
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 71809567
Conc: 1078.95 ng/ml



#13 AR-1232-3

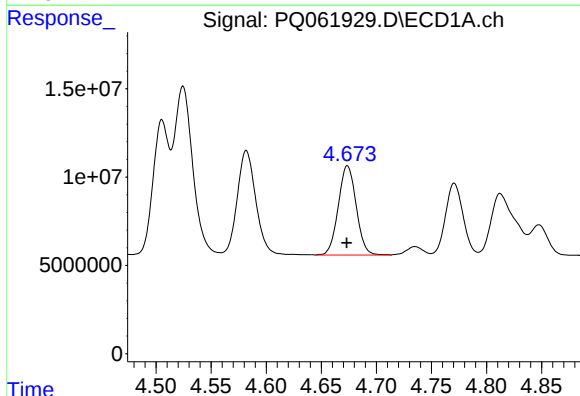
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112327002
Conc: 993.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



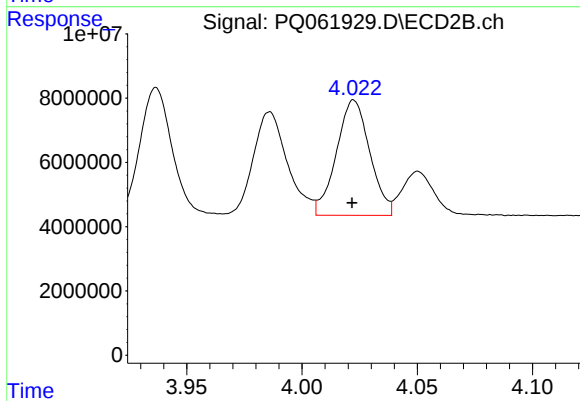
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 38263962
Conc: 1107.34 ng/ml



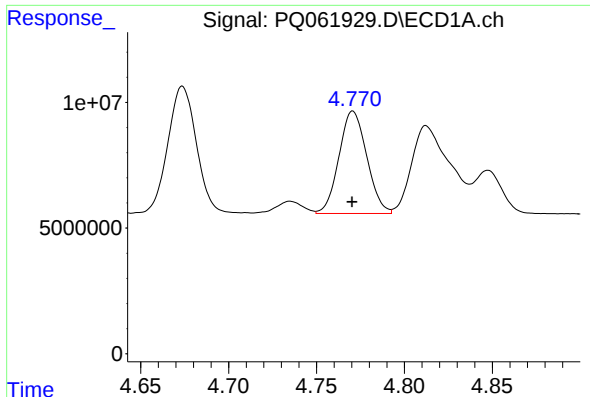
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57202409
Conc: 1009.46 ng/ml



#14 AR-1232-4

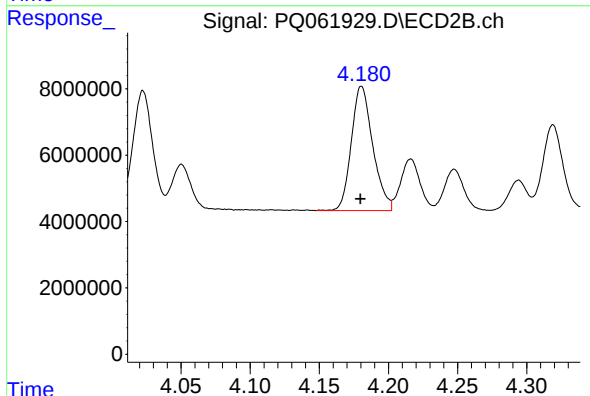
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36242409
Conc: 1218.65 ng/ml



#15 AR-1232-5

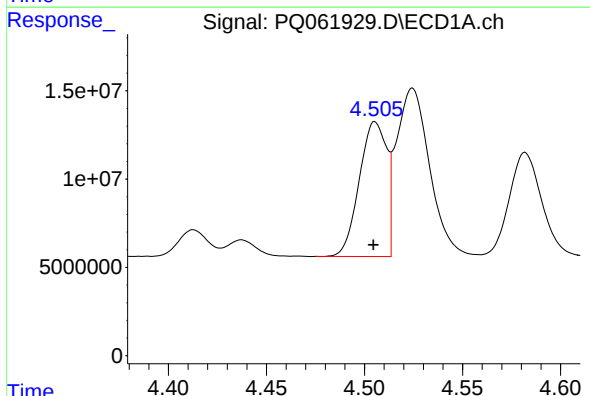
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 44873806
Conc: 1120.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



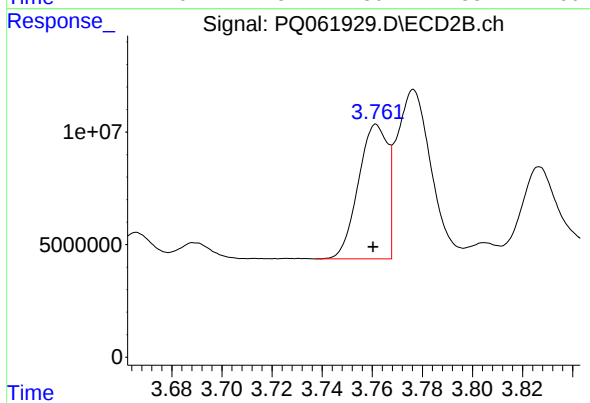
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 40505686
Conc: 1135.86 ng/ml



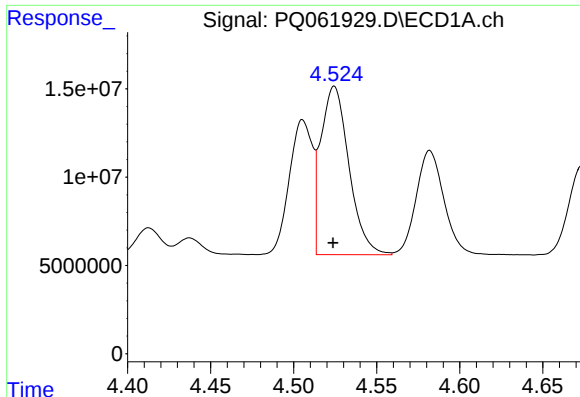
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74218841
Conc: 567.84 ng/ml



#16 AR-1242-1

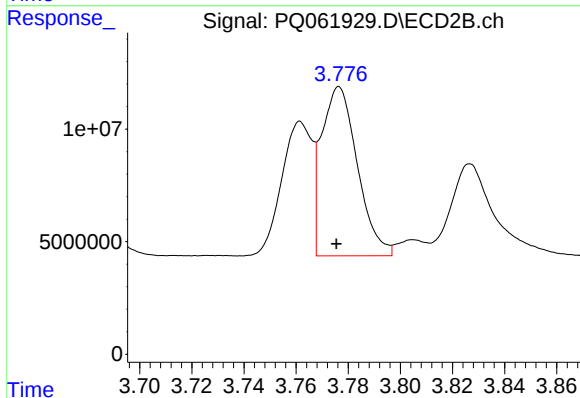
R.T.: 3.762 min
Delta R.T.: 0.001 min
Response: 48321443
Conc: 624.80 ng/ml



#17 AR-1242-2

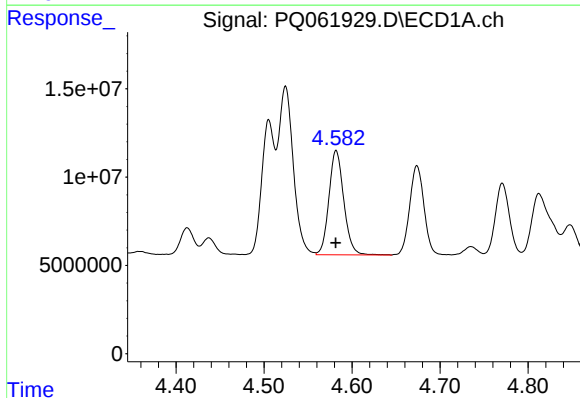
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112327002
Conc: 578.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



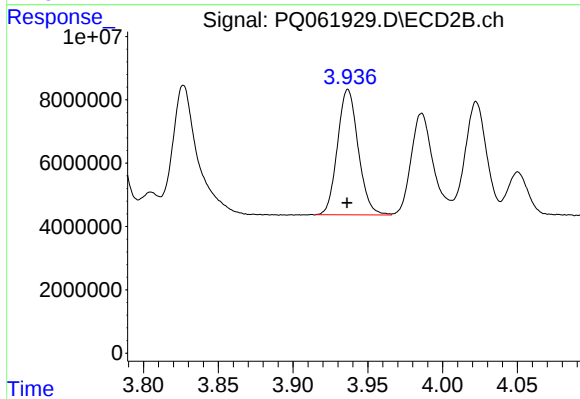
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: 0.001 min
Response: 71809567
Conc: 646.01 ng/ml



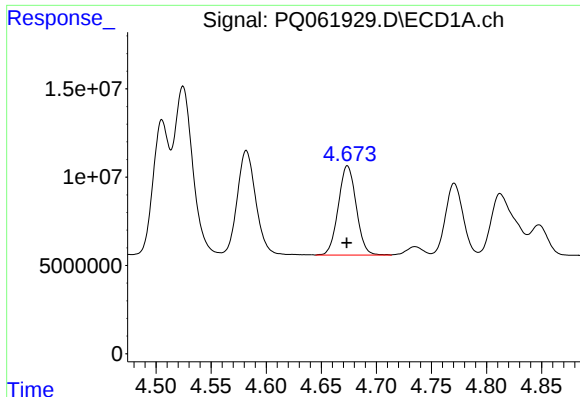
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69213735
Conc: 572.75 ng/ml



#18 AR-1242-3

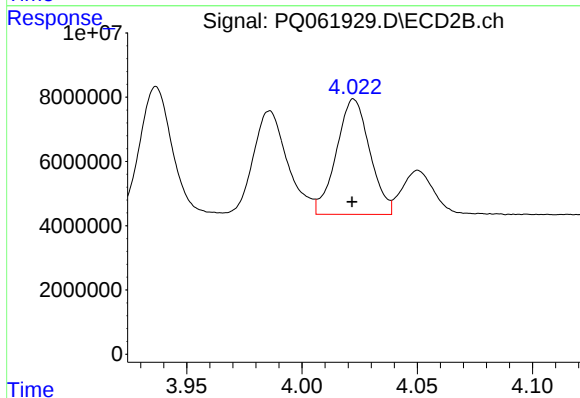
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38263962
Conc: 653.24 ng/ml



#19 AR-1242-4

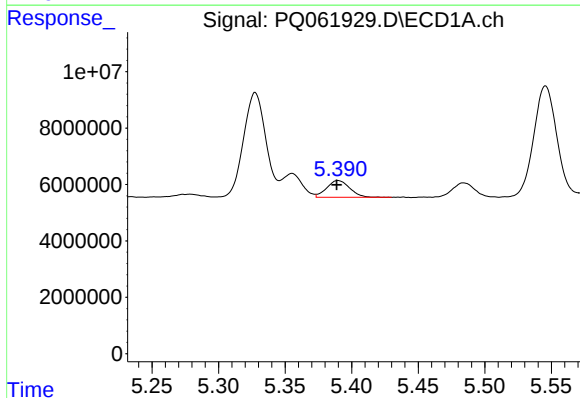
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57202409
Conc: 586.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



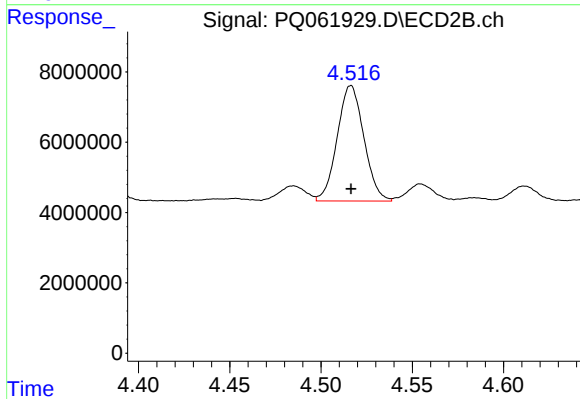
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36242409
Conc: 618.17 ng/ml



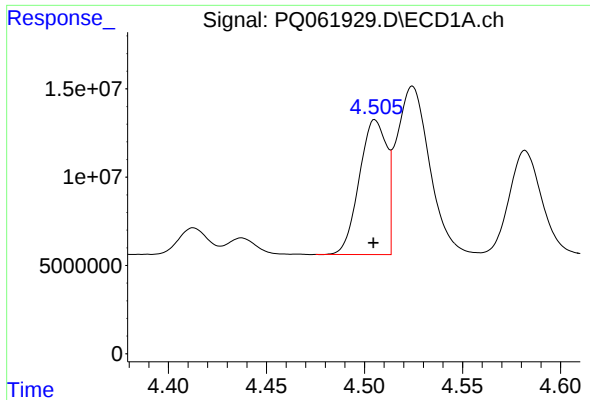
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 7175826
Conc: 74.96 ng/ml



#20 AR-1242-5

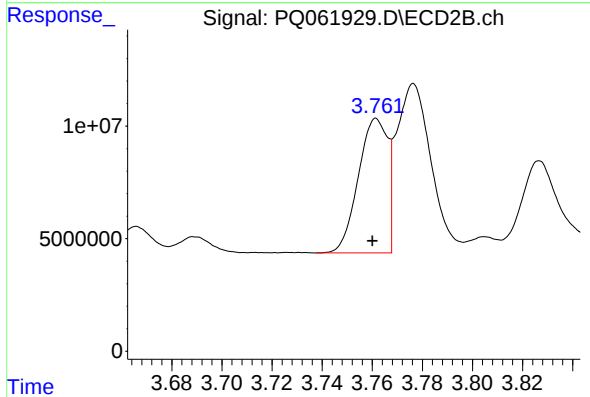
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33413450
Conc: 403.09 ng/ml



#21 AR-1248-1

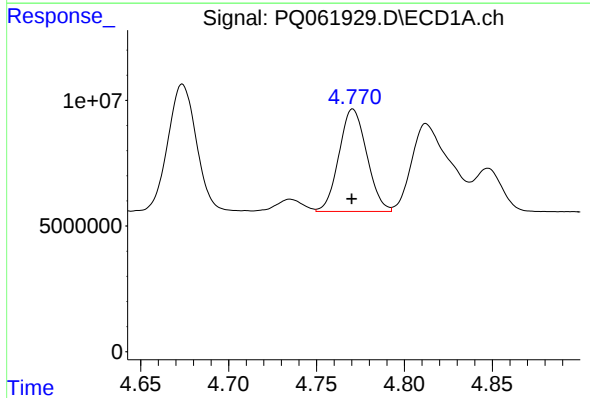
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74218841
Conc: 713.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



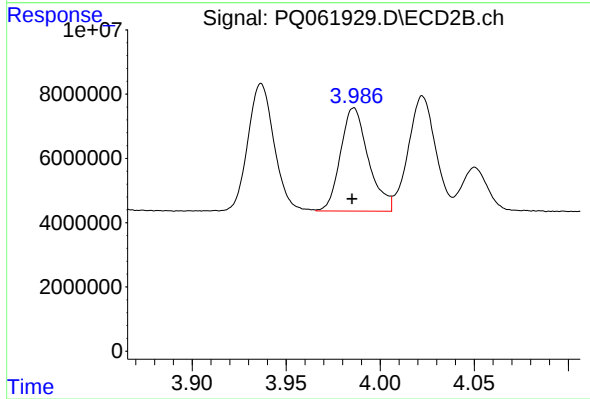
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 48321443
Conc: 772.89 ng/ml



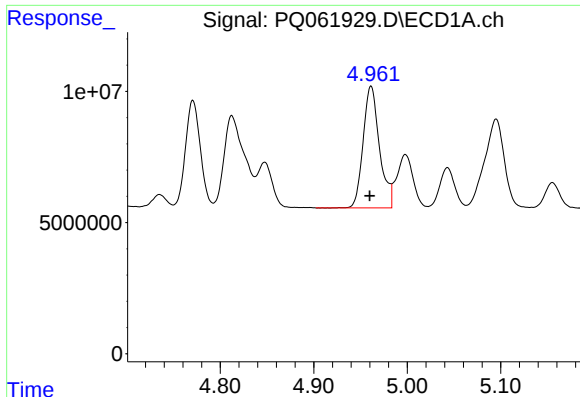
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 44873806
Conc: 312.36 ng/ml



#22 AR-1248-2

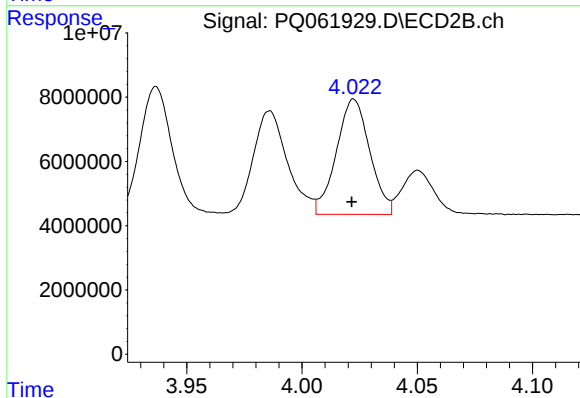
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 33208788
Conc: 354.16 ng/ml



#23 AR-1248-3

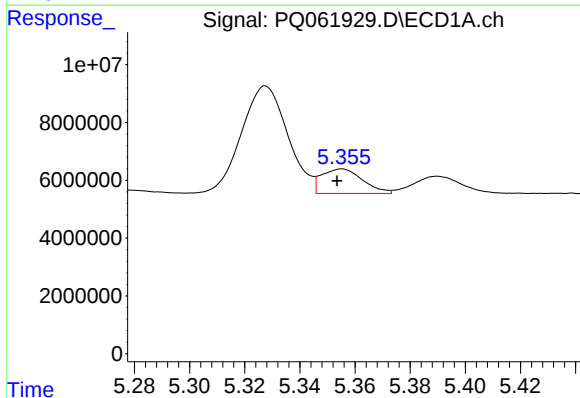
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 56314968
Conc: 324.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



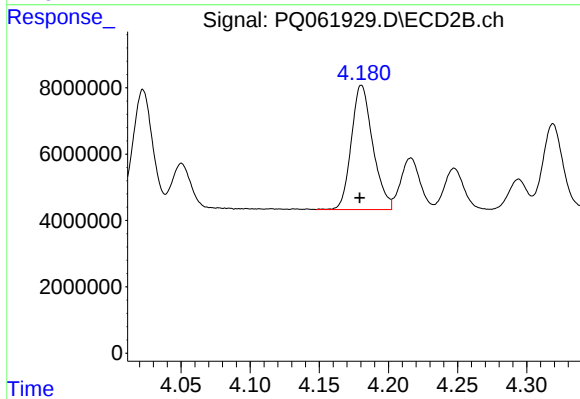
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36242409
Conc: 400.28 ng/ml



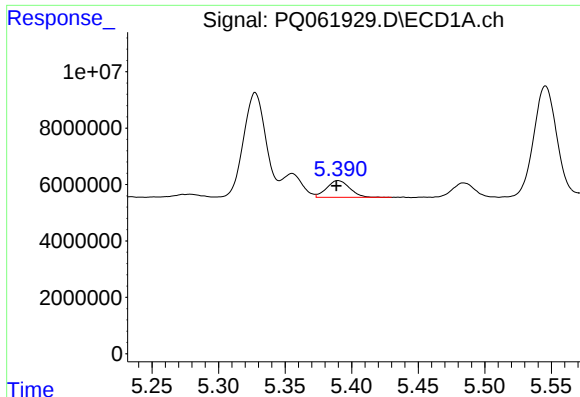
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 8778308
Conc: 45.74 ng/ml



#24 AR-1248-4

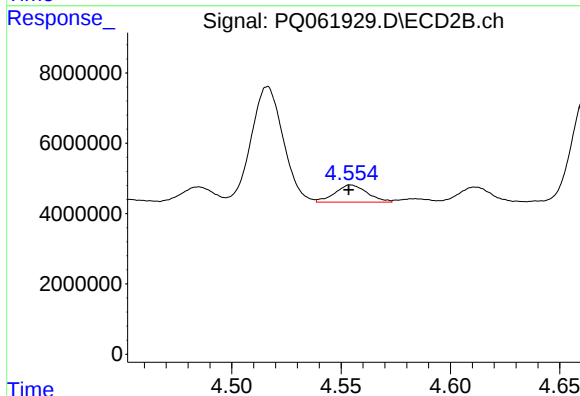
R.T.: 4.181 min
Delta R.T.: 0.001 min
Response: 40505686
Conc: 358.97 ng/ml



#25 AR-1248-5

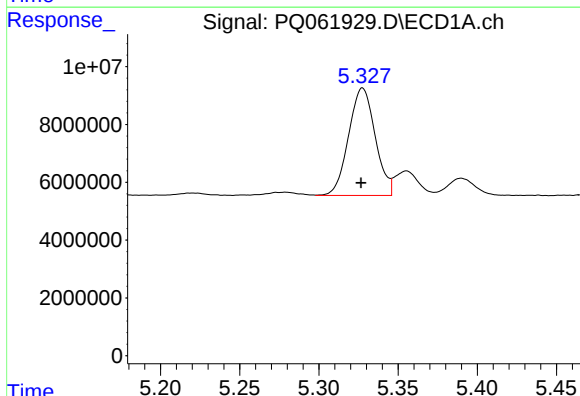
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 7175826
Conc: 39.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



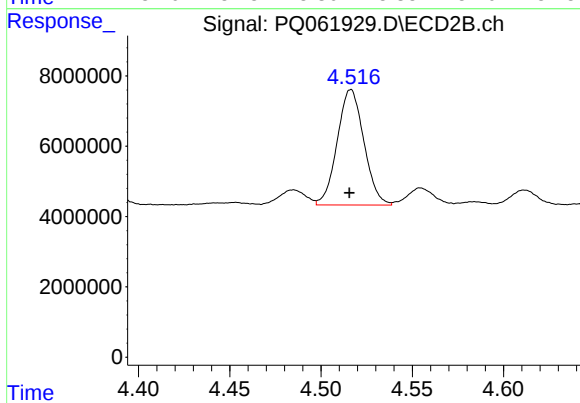
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 4986409
Conc: 44.51 ng/ml



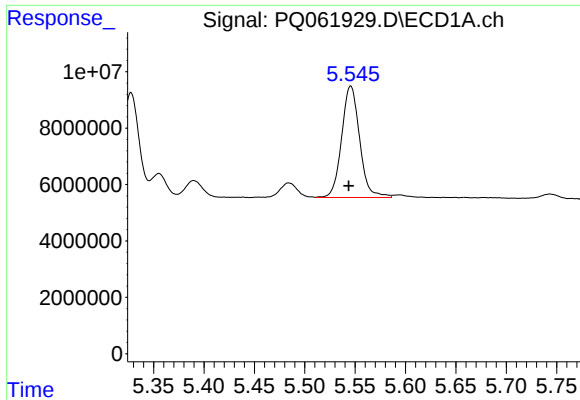
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 43444318
Conc: 233.80 ng/ml



#26 AR-1254-1

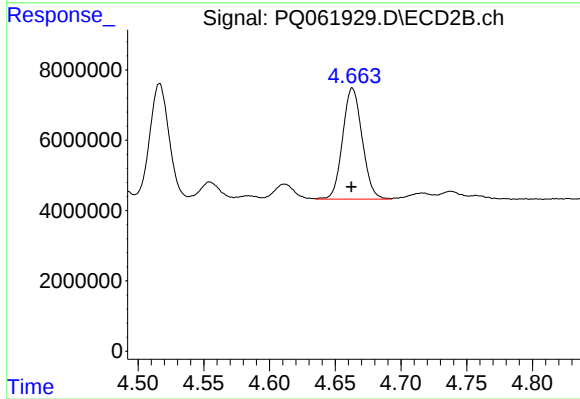
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33413450
Conc: 206.94 ng/ml



#27 AR-1254-2

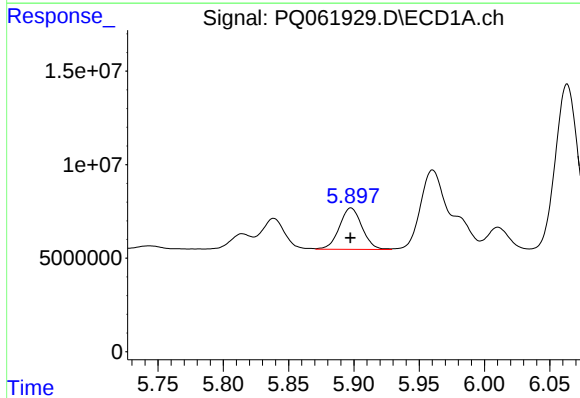
R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 49198039
Conc: 169.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



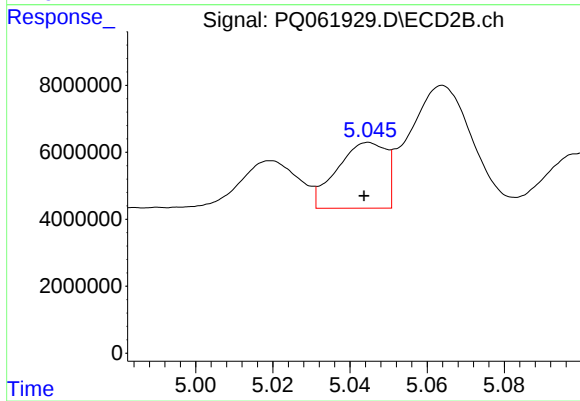
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 32674432
Conc: 221.94 ng/ml



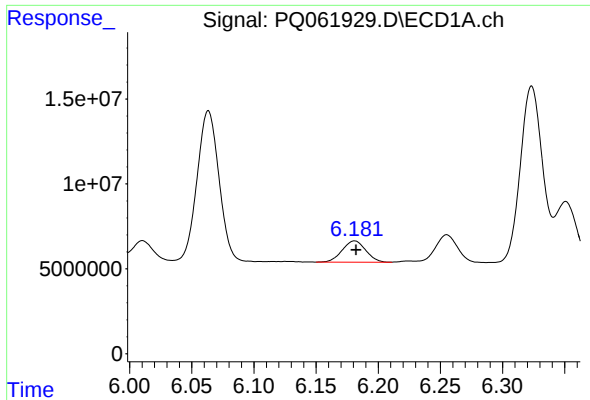
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26808349
Conc: 87.28 ng/ml



#28 AR-1254-3

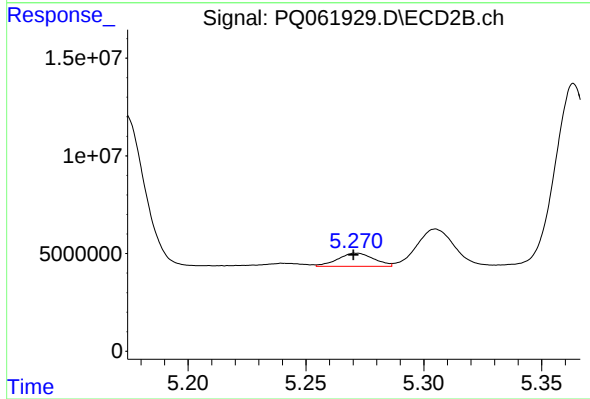
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 17327829
Conc: 74.15 ng/ml



#29 AR-1254-4

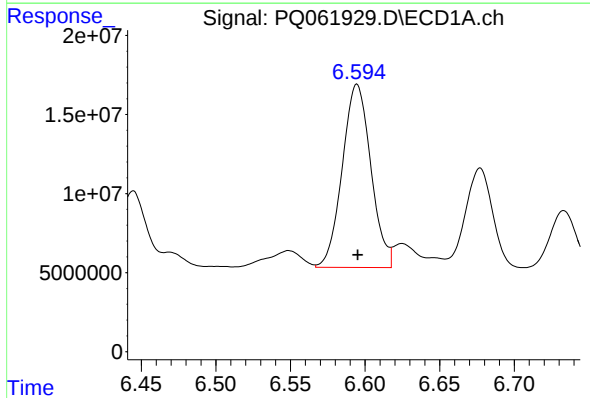
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 16641248
Conc: 71.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



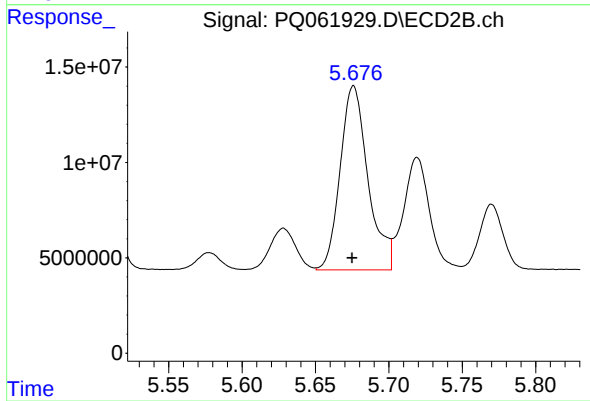
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 7220611
Conc: 47.37 ng/ml



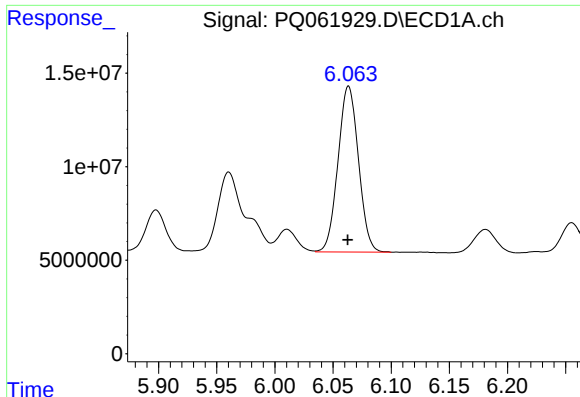
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 154494259
Conc: 601.45 ng/ml



#30 AR-1254-5

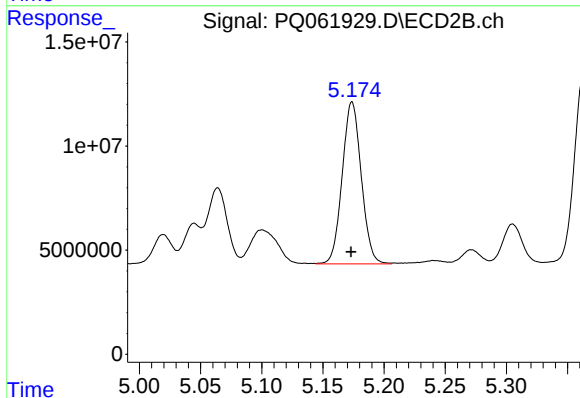
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 127412619
Conc: 552.06 ng/ml



#31 AR-1260-1

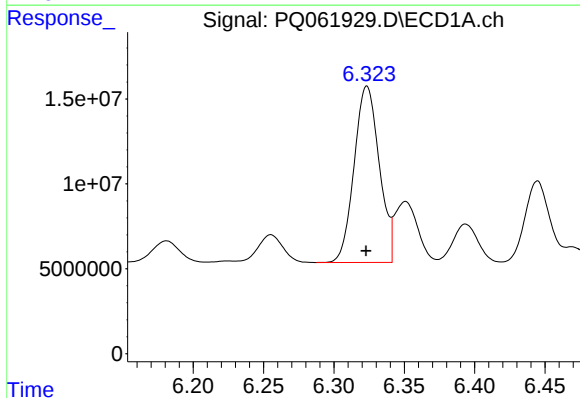
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 108689016
Conc: 460.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



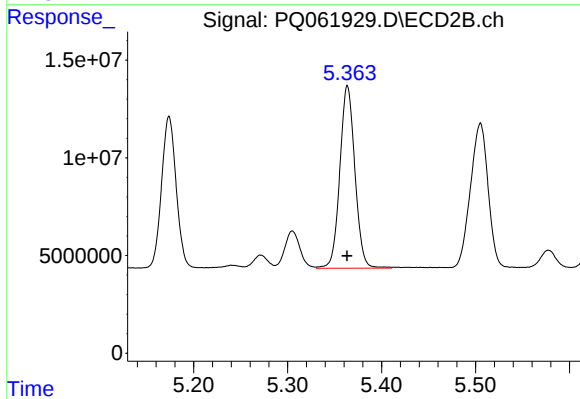
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 84455198
Conc: 507.08 ng/ml



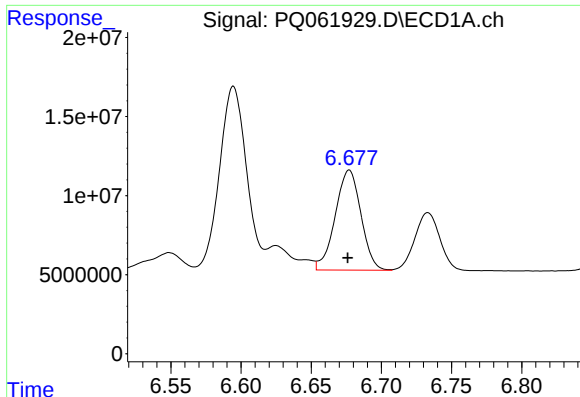
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 129219615
Conc: 447.42 ng/ml



#32 AR-1260-2

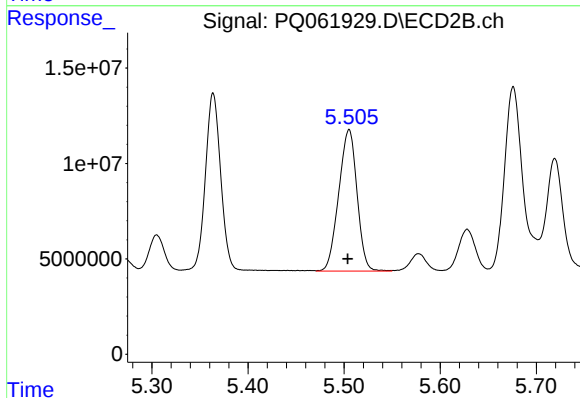
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 104149324
Conc: 500.85 ng/ml



#33 AR-1260-3

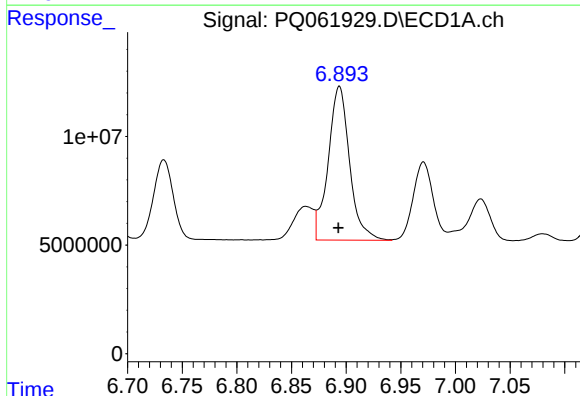
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 80706183
Conc: 457.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



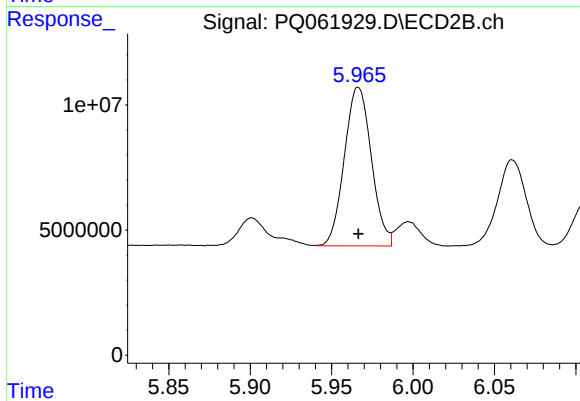
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 97498557
Conc: 501.13 ng/ml



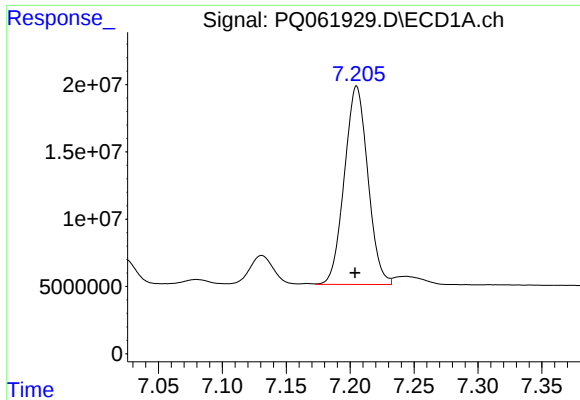
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 96478721
Conc: 458.01 ng/ml



#34 AR-1260-4

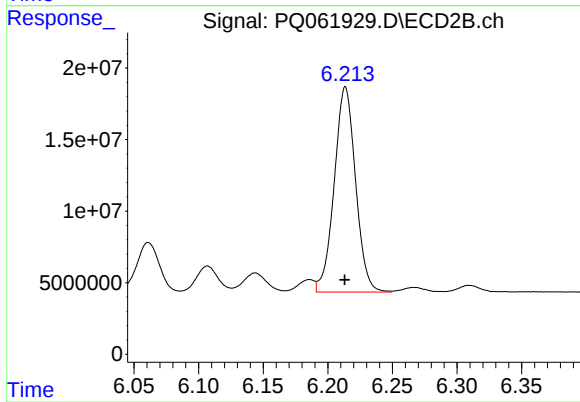
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 73164893
Conc: 501.61 ng/ml



#35 AR-1260-5

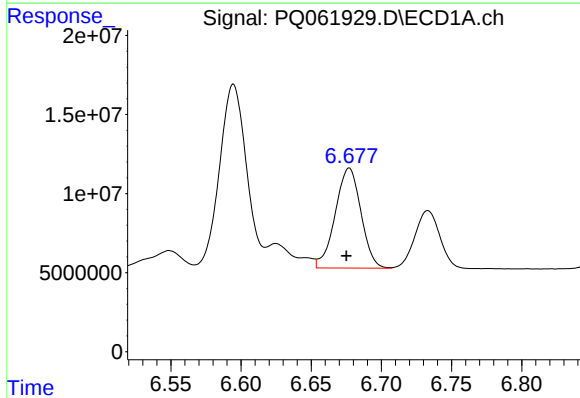
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 188501620
Conc: 459.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



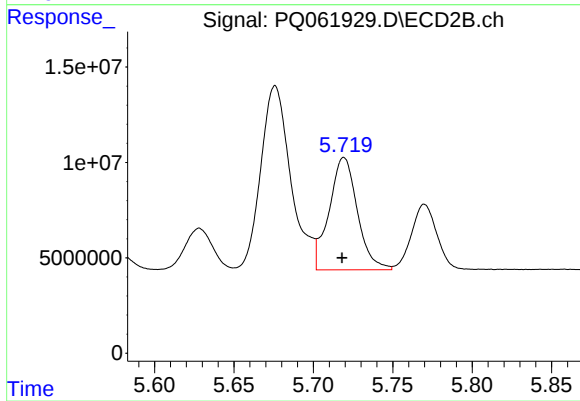
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 165056909
Conc: 497.07 ng/ml



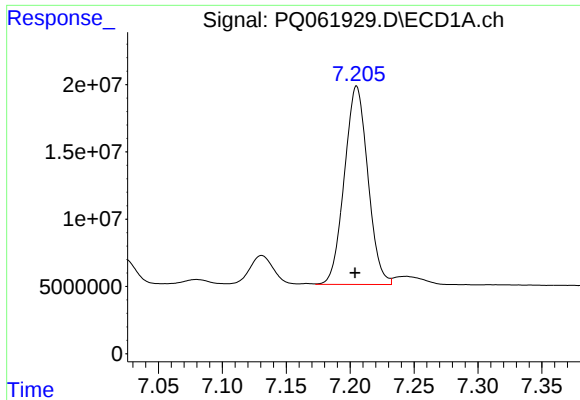
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 80706183
Conc: 264.66 ng/ml



#36 AR-1262-1

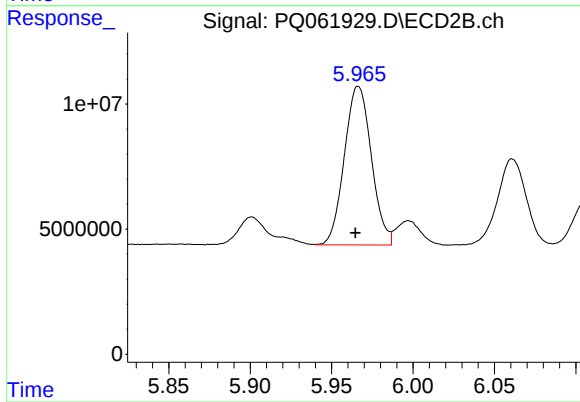
R.T.: 5.719 min
Delta R.T.: 0.001 min
Response: 73070133
Conc: 314.32 ng/ml



#37 AR-1262-2

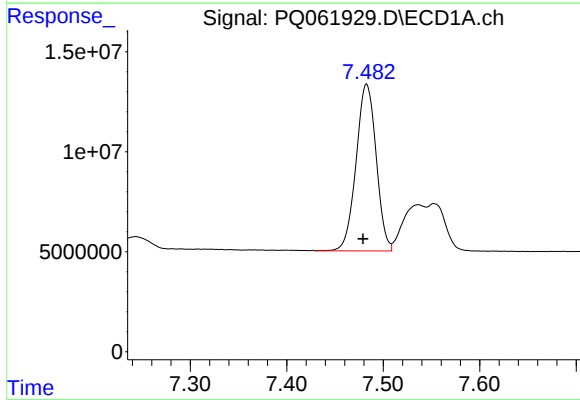
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 188501620
Conc: 357.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



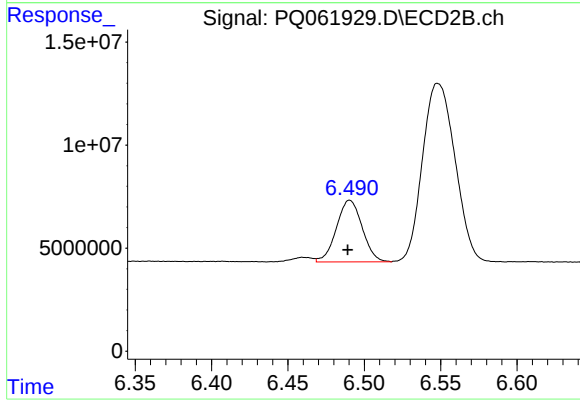
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 73164893
Conc: 338.40 ng/ml



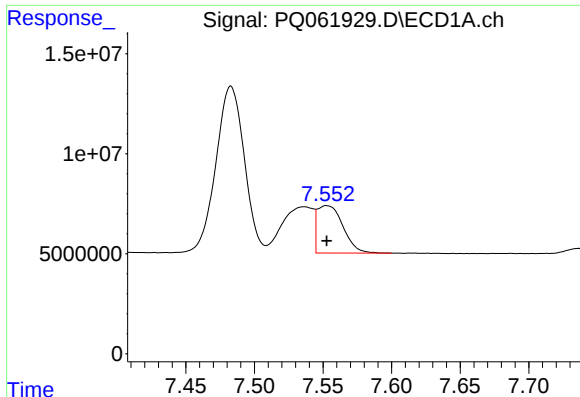
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 120216512
Conc: 341.23 ng/ml



#38 AR-1262-3

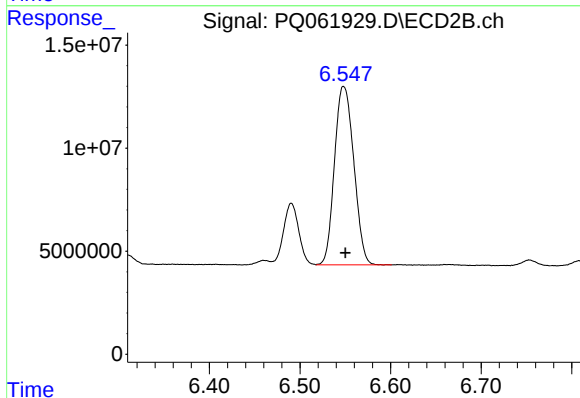
R.T.: 6.490 min
Delta R.T.: 0.001 min
Response: 35151401
Conc: 201.64 ng/ml



#39 AR-1262-4

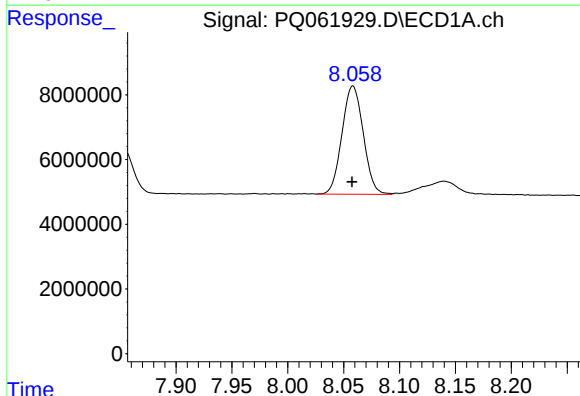
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 30806913
Conc: 115.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



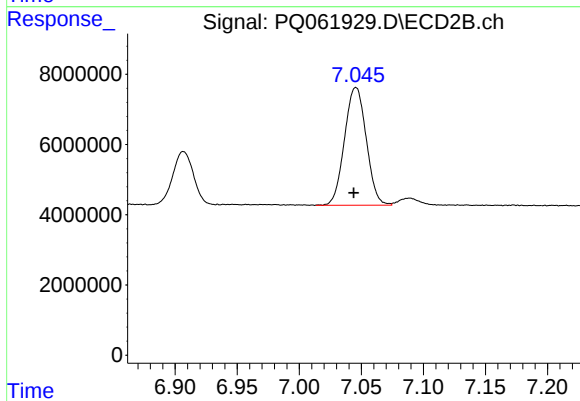
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 128337360
Conc: 398.20 ng/ml



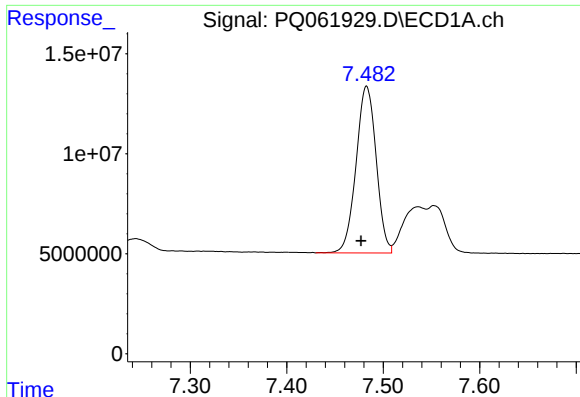
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 44438477
Conc: 250.35 ng/ml



#40 AR-1262-5

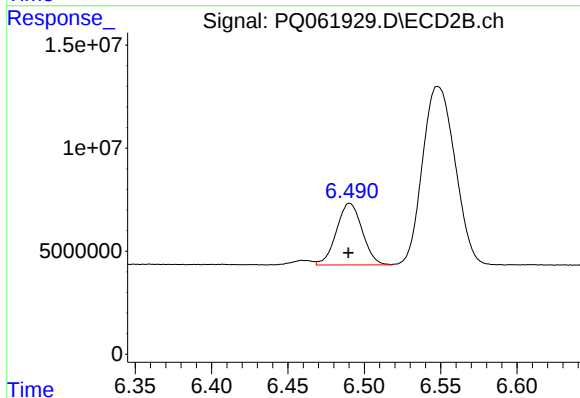
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 41012400
Conc: 264.40 ng/ml



#41 AR-1268-1

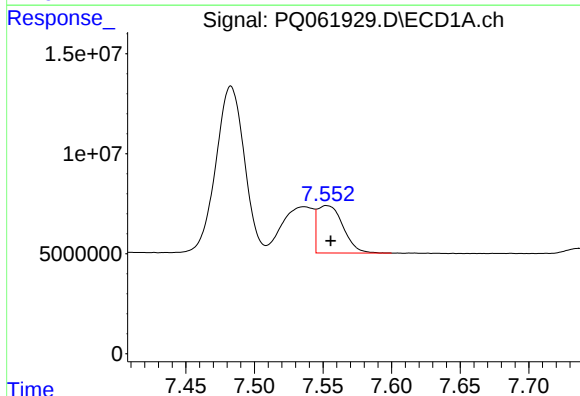
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 120216512
Conc: 211.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



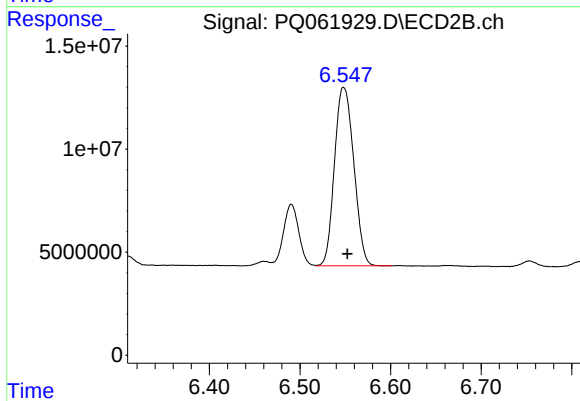
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 35151401
Conc: 74.70 ng/ml



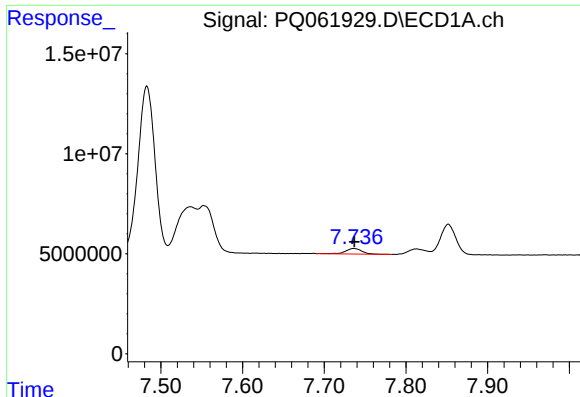
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 30806913
Conc: 60.42 ng/ml



#42 AR-1268-2

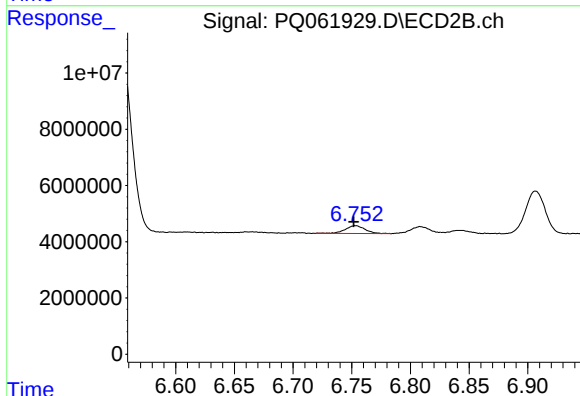
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 128337360
Conc: 302.90 ng/ml



#43 AR-1268-3

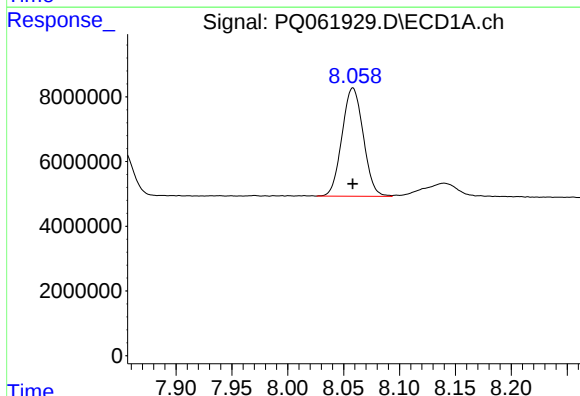
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3884526
Conc: 9.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



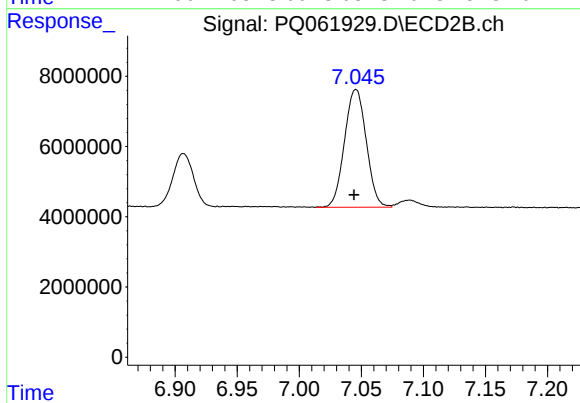
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 3336979
Conc: 9.06 ng/ml



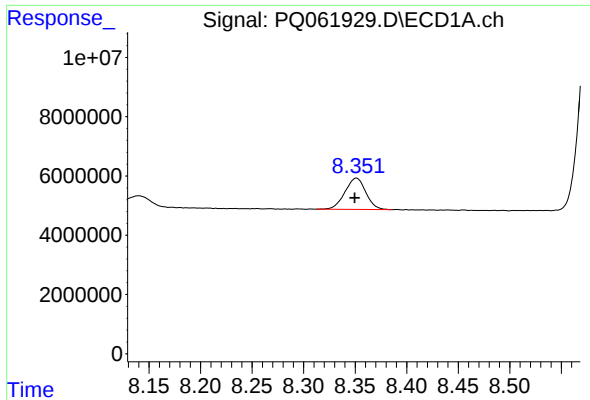
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 44438477
Conc: 242.85 ng/ml



#44 AR-1268-4

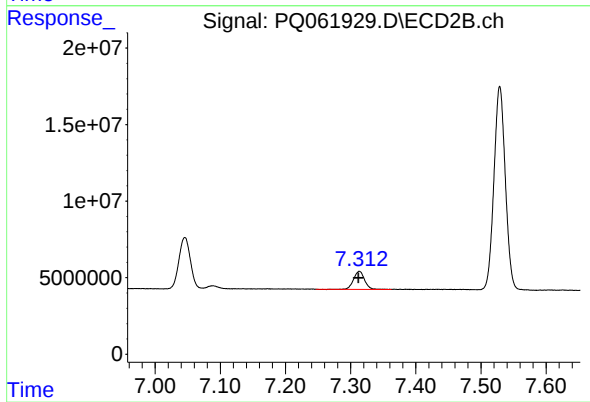
R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 41012400
Conc: 256.43 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 14946988
Conc: 11.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.002 min
Response: 13807082
Conc: 11.83 ng/ml