

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 01:24
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 04:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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...	3.401	2.778	274.5E6	298.7E6	51.245	46.580
2)	SA Decachlor...	8.497	7.535	193.5E6	335.3E6	50.185	47.545
Target Compounds							
3)	L1 AR-1016-1	4.481	3.778	82840388	97542479	499.684	454.862
4)	L1 AR-1016-2	4.500	3.794	134.0E6	152.3E6	502.391	468.454
5)	L1 AR-1016-3	4.558	3.954	84256298	83262484	508.865	458.171
6)	L1 AR-1016-4	4.648	4.003	68200433	72952734	503.768	460.284
7)	L1 AR-1016-5	4.932	4.197	68343931	87334445	511.070	468.638
8)	L2 AR-1221-1	3.592	2.976	9537709	10925866	129.618	122.370
9)	L2 AR-1221-2	3.673	3.053	13959273	16483424	260.400	246.219
10)	L2 AR-1221-3	3.741	3.122	50443086	59110881	306.131	295.984
11)	L3 AR-1232-1	3.741	3.122	50443086	59110881	361.492	346.219
12)	L3 AR-1232-2	4.227	3.794	69746014	152.3E6	911.170	877.328
13)	L3 AR-1232-3	4.500	3.954	134.0E6	83262484	934.774	891.944
14)	L3 AR-1232-4	4.648	4.040	68200433	77621121	952.763	972.858
15)	L3 AR-1232-5	4.786	4.197	62453803	87334445	1075.700	982.435
16)	L4 AR-1242-1	4.481	3.778	82840388	97542479	538.850	524.657
17)	L4 AR-1242-2	4.500	3.794	134.0E6	152.3E6	559.788	540.821
18)	L4 AR-1242-3	4.558	3.954	84256298	83262484	565.954	531.430
19)	L4 AR-1242-4	4.648	4.040	68200433	77621121	554.494	531.448
20)	L4 AR-1242-5	5.354	4.534	17613728	89508821	133.477	462.962 #
21)	L5 AR-1248-1	4.481	3.778	82840388	97542479	723.091	683.027
22)	L5 AR-1248-2	4.745	4.003	55178553	72952734	337.441	337.677
23)	L5 AR-1248-3	4.932	4.040	68343931	77621121	349.331	373.199
24)	L5 AR-1248-4	5.319	4.197	23260545	87334445	107.599	342.039 #
25)	L5 AR-1248-5	5.354	4.572	17613728	24053223	80.629	93.020
26)	L6 AR-1254-1	5.293	4.534	62464364	89508821	267.398	224.907
27)	L6 AR-1254-2	5.509	4.681	56182056	65430466	157.401	186.817
28)	L6 AR-1254-3	5.856	5.062	32122161	36054337	84.747	63.739
29)	L6 AR-1254-4	6.135	5.287	22114231	21220425	82.235	61.372 #
30)	L6 AR-1254-5	6.544	5.690	167.6E6	228.6E6	559.163	436.018
31)	L7 AR-1260-1	6.022	5.190	123.6E6	168.4E6	504.555	471.717
32)	L7 AR-1260-2	6.277	5.380	146.7E6	197.4E6	489.570	464.126
33)	L7 AR-1260-3	6.628	5.521	109.7E6	188.7E6	512.120	466.535
34)	L7 AR-1260-4	6.842	5.981	120.7E6	165.8E6	507.679	468.442
35)	L7 AR-1260-5	7.147	6.225	239.0E6	374.4E6	500.292	456.054
36)	L8 AR-1262-1	6.842	5.734	120.7E6	173.4E6	360.143	326.542
37)	L8 AR-1262-2	7.147	5.981	239.0E6	165.8E6	399.697	333.308
38)	L8 AR-1262-3	7.421	6.502	151.3E6	91077135	377.601	229.652 #
39)	L8 AR-1262-4	7.490	6.560	101.2E6	289.6E6	319.784	395.917
40)	L8 AR-1262-5	7.988	7.052	64958600	113.1E6	330.769	325.518
41)	L9 AR-1268-1	7.421	6.502	151.3E6	91077135	221.161	81.107 #

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 Acq On : 11 Sep 2025 01:24
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

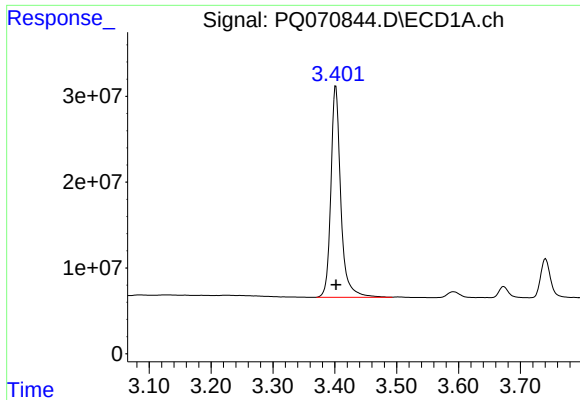
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 04:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.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	7.490	6.560	101.2E6	289.6E6	160.327	277.358 #
43) L9	AR-1268-3	7.676	6.764	2892239	5182653	5.570	5.797
44) L9	AR-1268-4	7.988	7.052	64958600	113.1E6	296.315	285.297
45) L9	AR-1268-5	8.270	7.319	18031755	32400226	11.641	11.837

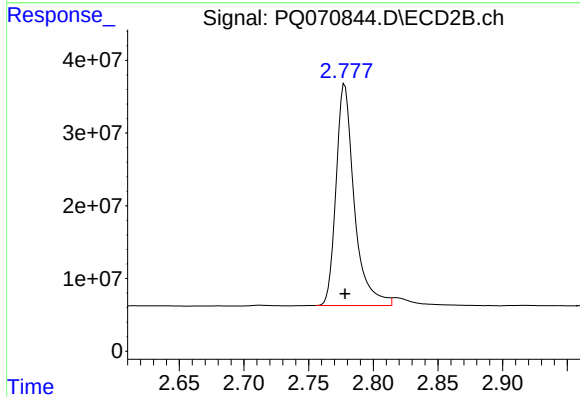
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

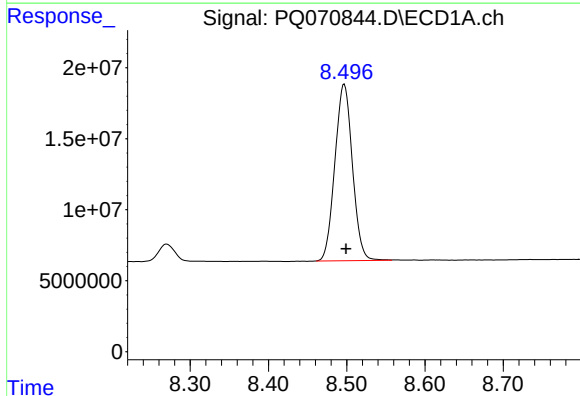
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 274472951
Conc: 51.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



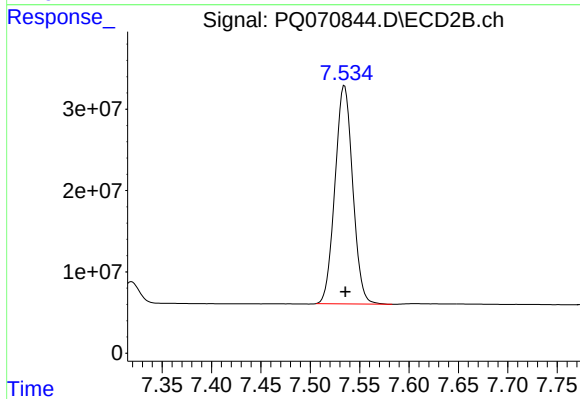
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 298687197
Conc: 46.58 ng/ml



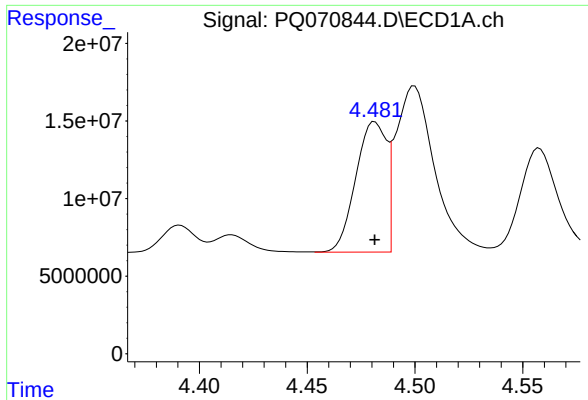
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 193509143
Conc: 50.19 ng/ml



#2 Decachlorobiphenyl

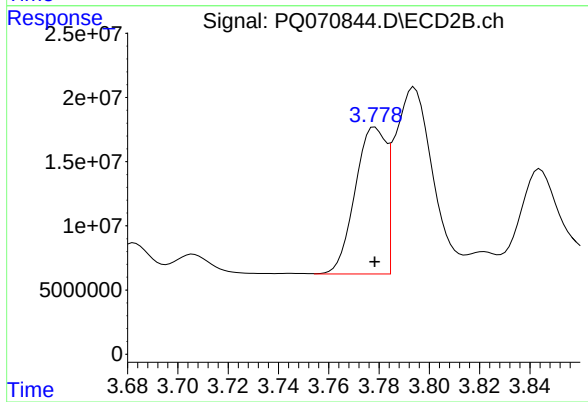
R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 335329037
Conc: 47.55 ng/ml



#3 AR-1016-1

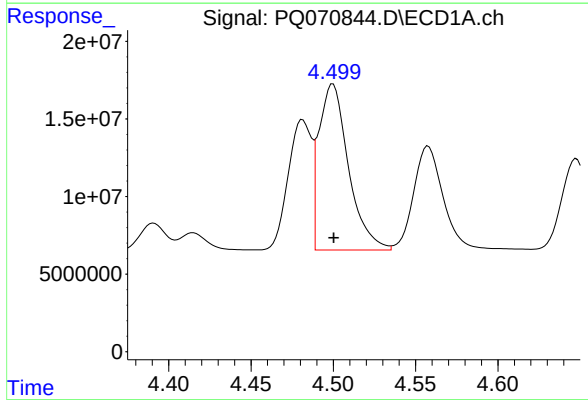
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 82840388
Conc: 499.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



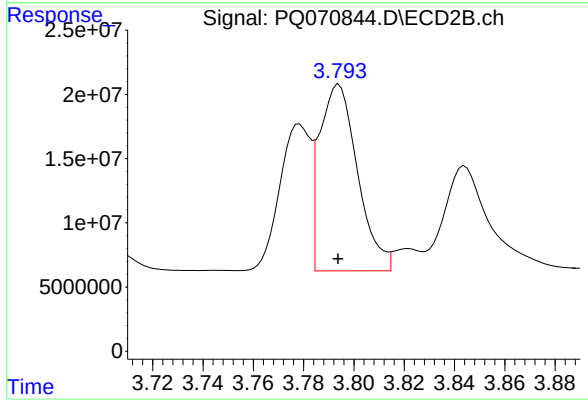
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 97542479
Conc: 454.86 ng/ml



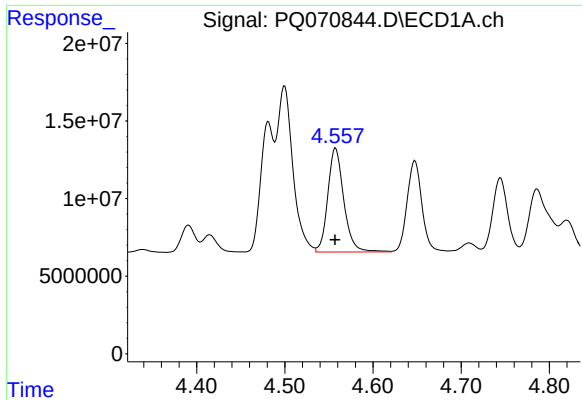
#4 AR-1016-2

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 134010255
Conc: 502.39 ng/ml



#4 AR-1016-2

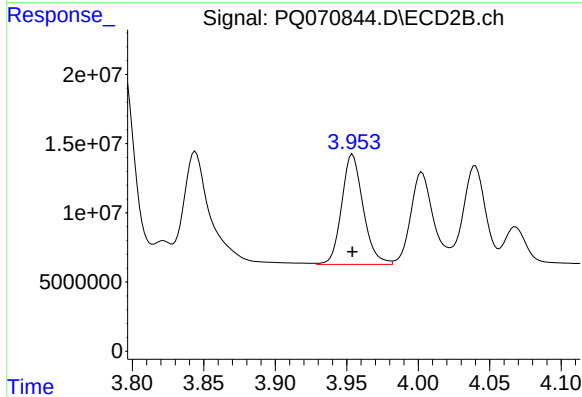
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 152303738
Conc: 468.45 ng/ml



#5 AR-1016-3

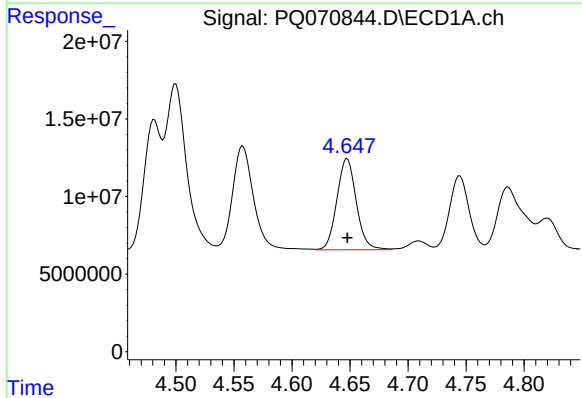
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 84256298
Conc: 508.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



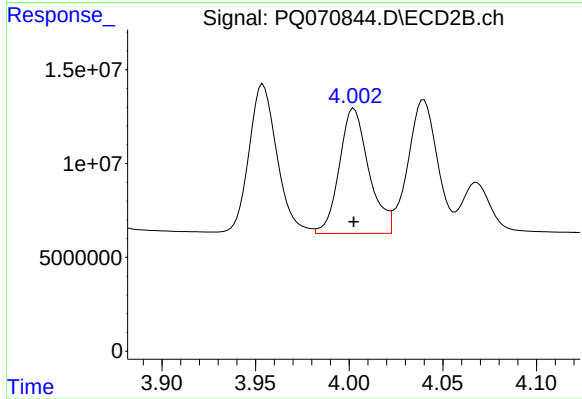
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 83262484
Conc: 458.17 ng/ml



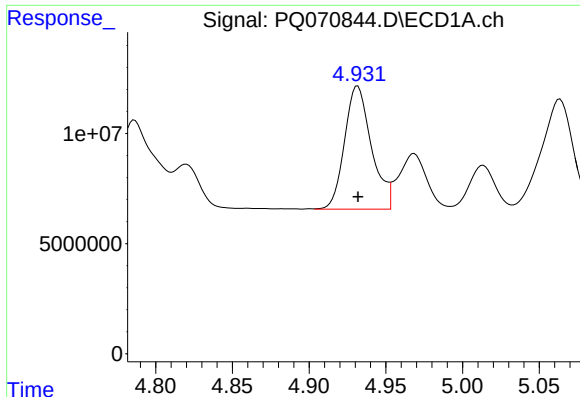
#6 AR-1016-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 68200433
Conc: 503.77 ng/ml



#6 AR-1016-4

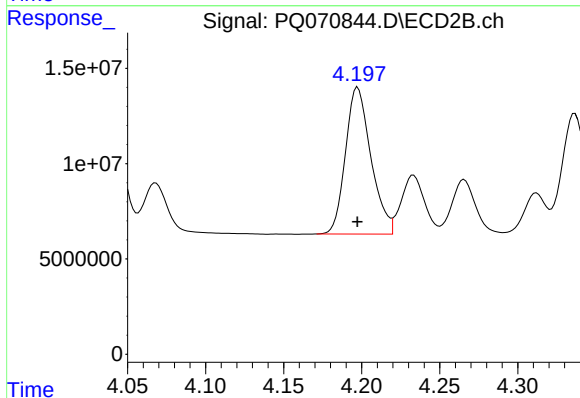
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 72952734
Conc: 460.28 ng/ml



#7 AR-1016-5

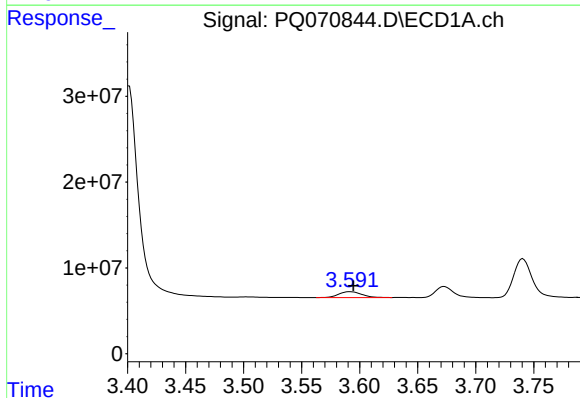
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 68343931
Conc: 511.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



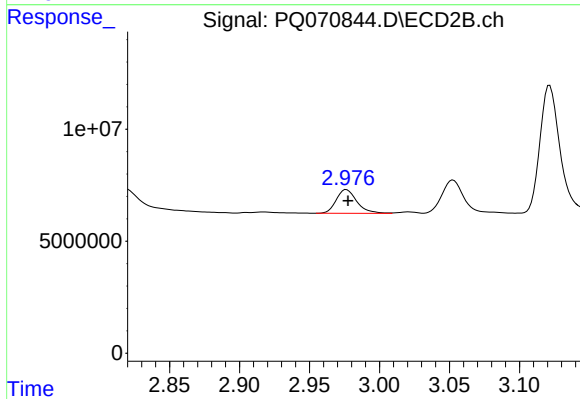
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 87334445
Conc: 468.64 ng/ml



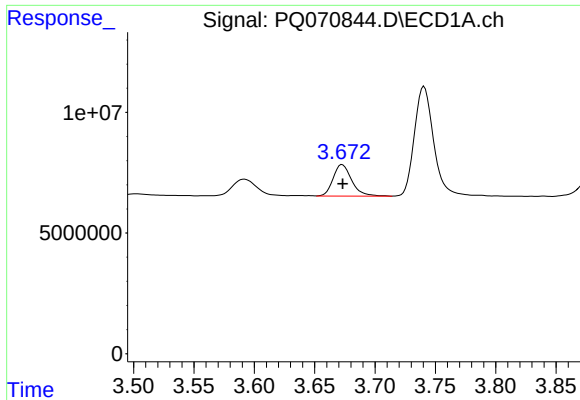
#8 AR-1221-1

R.T.: 3.592 min
Delta R.T.: -0.003 min
Response: 9537709
Conc: 129.62 ng/ml



#8 AR-1221-1

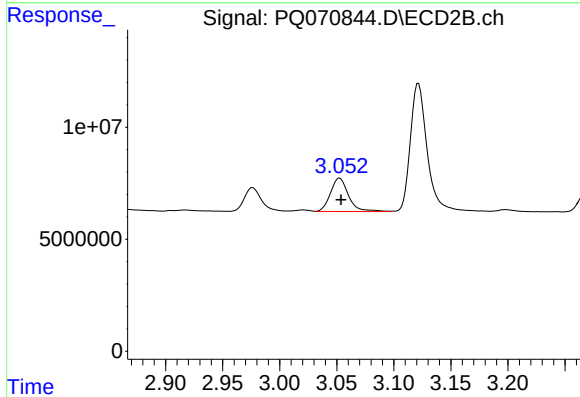
R.T.: 2.976 min
Delta R.T.: -0.001 min
Response: 10925866
Conc: 122.37 ng/ml



#9 AR-1221-2

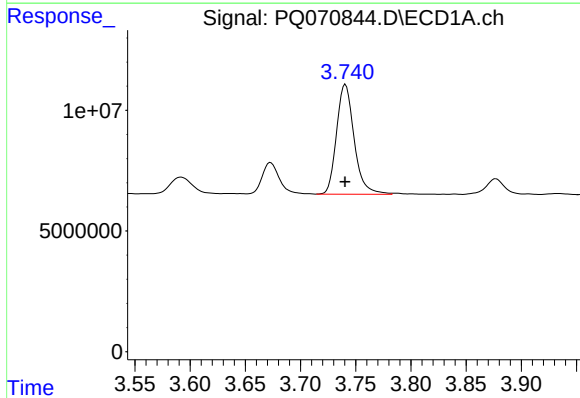
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 13959273
Conc: 260.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



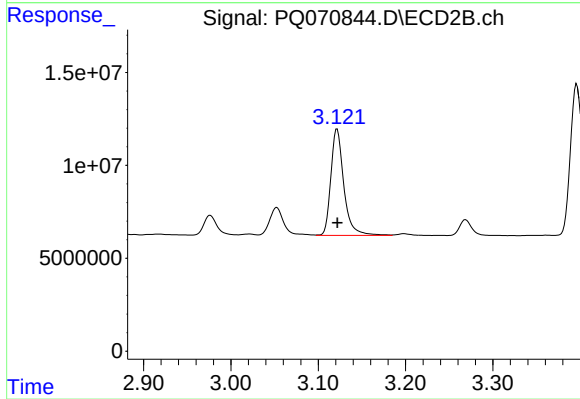
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 16483424
Conc: 246.22 ng/ml



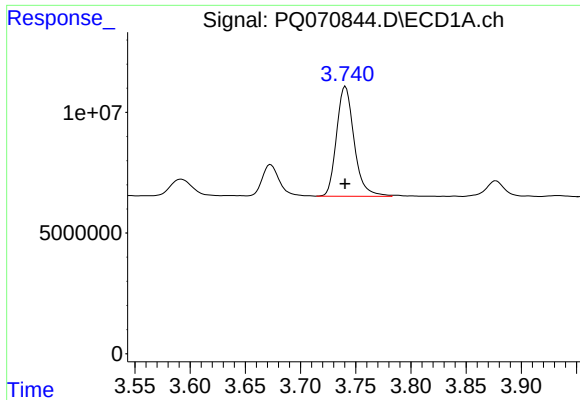
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 50443086
Conc: 306.13 ng/ml



#10 AR-1221-3

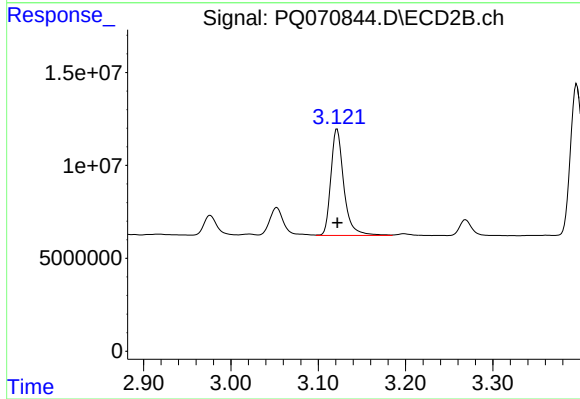
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 59110881
Conc: 295.98 ng/ml



#11 AR-1232-1

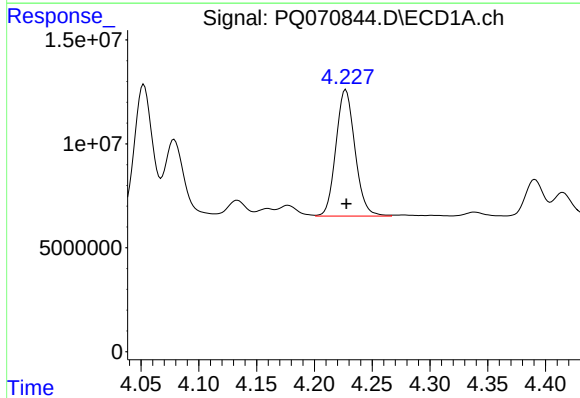
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 50443086
Conc: 361.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



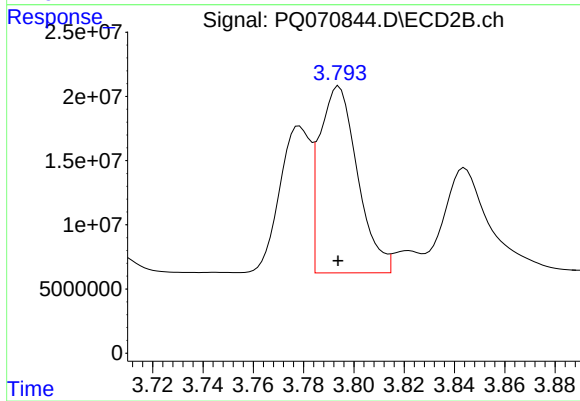
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 59110881
Conc: 346.22 ng/ml



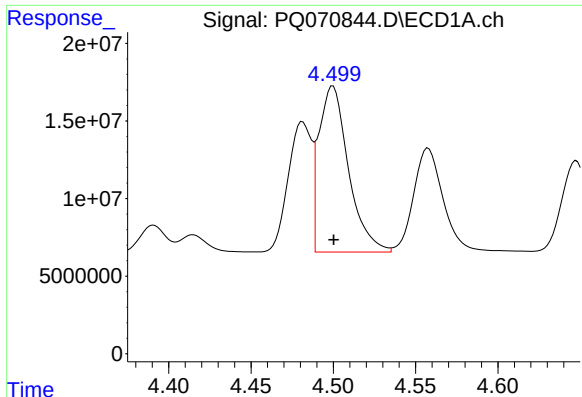
#12 AR-1232-2

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 69746014
Conc: 911.17 ng/ml



#12 AR-1232-2

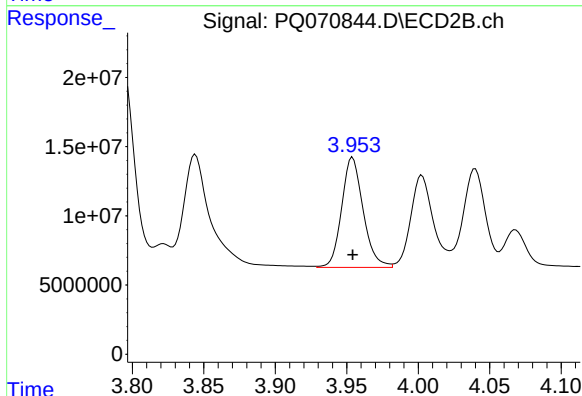
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 152303738
Conc: 877.33 ng/ml



#13 AR-1232-3

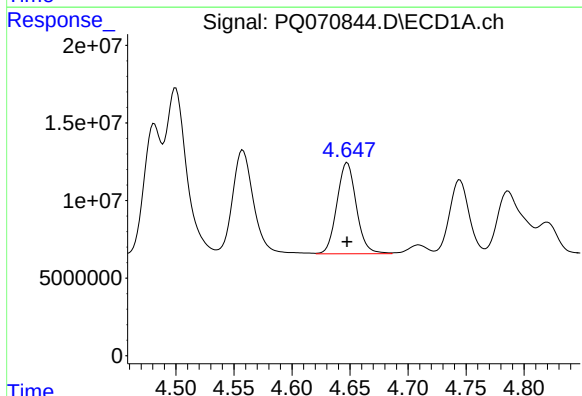
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 134010255
Conc: 934.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



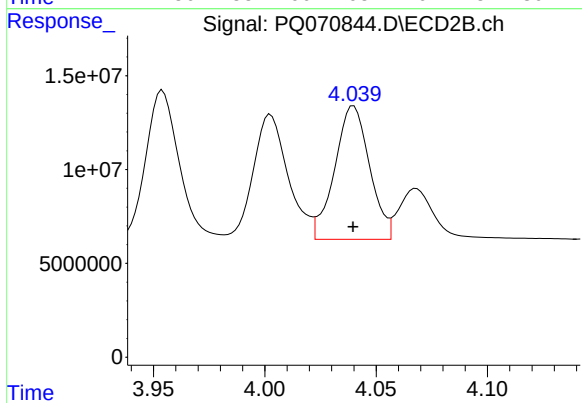
#13 AR-1232-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 83262484
Conc: 891.94 ng/ml



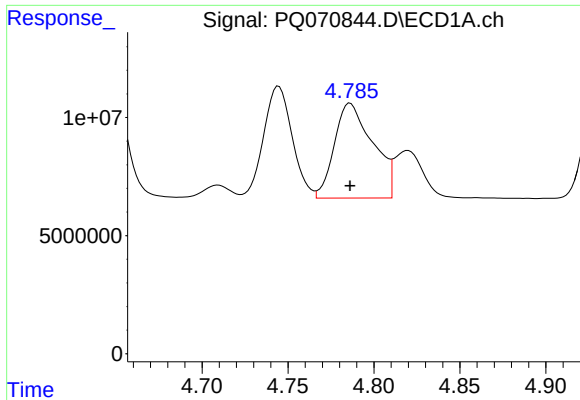
#14 AR-1232-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 68200433
Conc: 952.76 ng/ml



#14 AR-1232-4

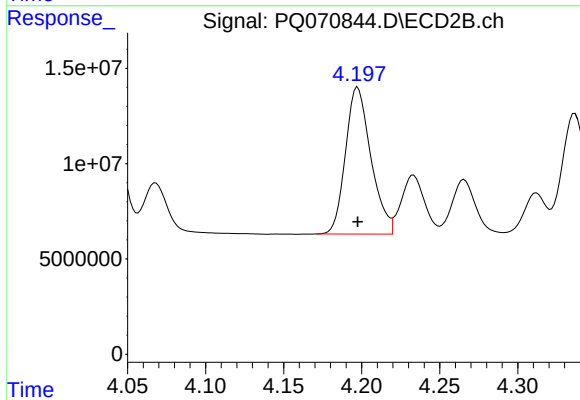
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 77621121
Conc: 972.86 ng/ml



#15 AR-1232-5

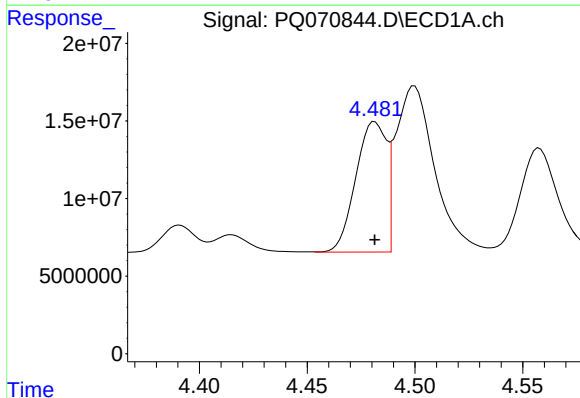
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 62453803
Conc: 1075.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



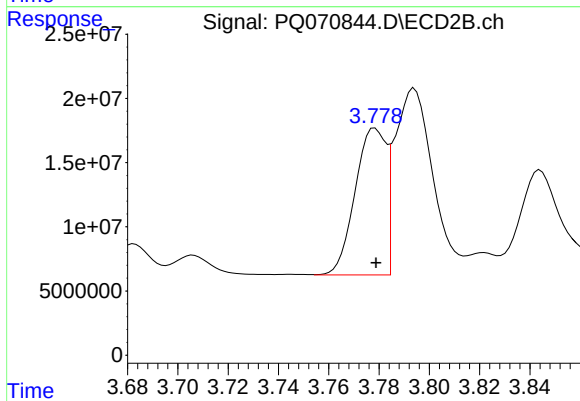
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 87334445
Conc: 982.44 ng/ml



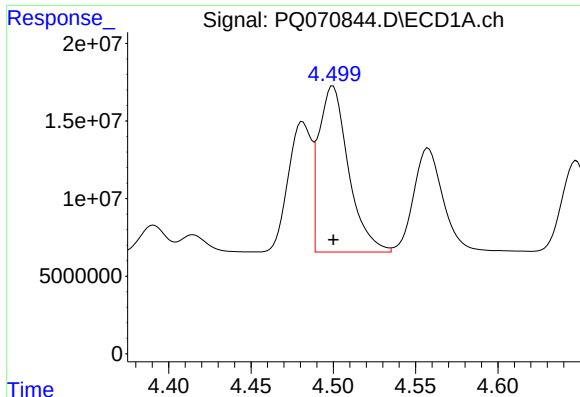
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 82840388
Conc: 538.85 ng/ml



#16 AR-1242-1

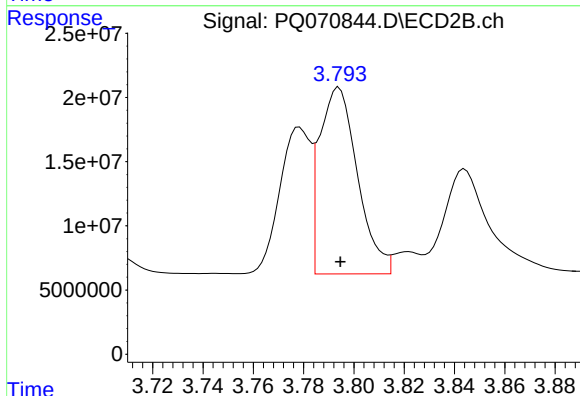
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 97542479
Conc: 524.66 ng/ml



#17 AR-1242-2

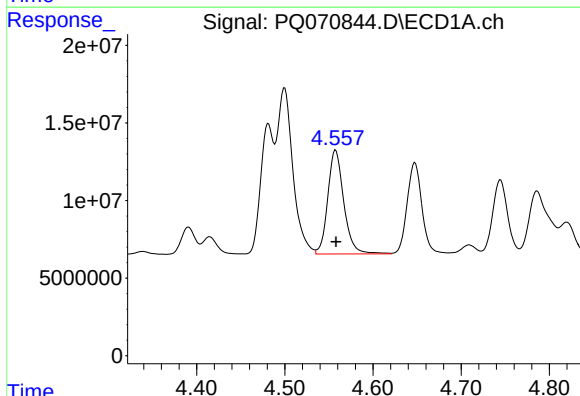
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 134010255
Conc: 559.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



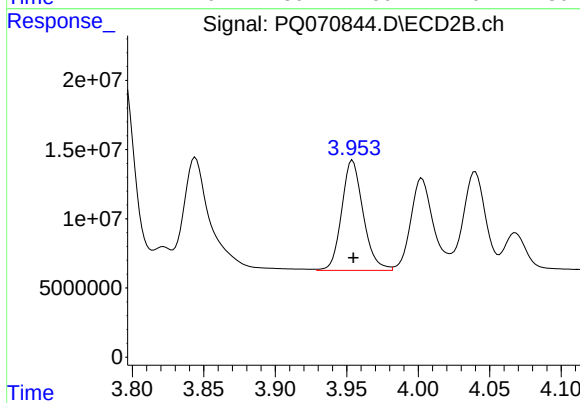
#17 AR-1242-2

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 152303738
Conc: 540.82 ng/ml



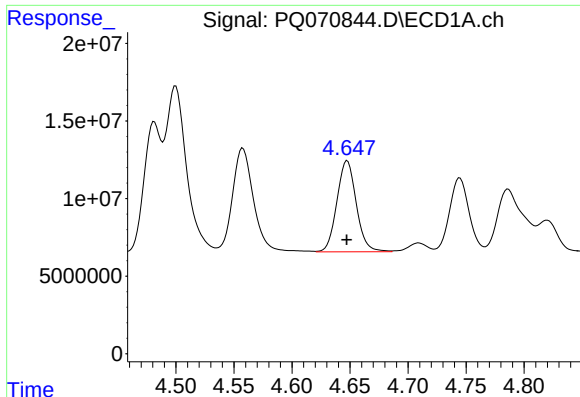
#18 AR-1242-3

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 84256298
Conc: 565.95 ng/ml



#18 AR-1242-3

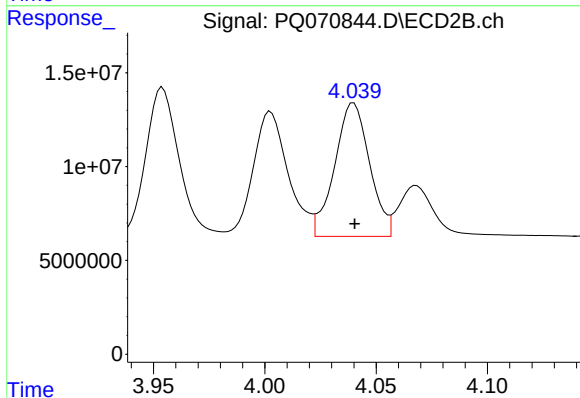
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 83262484
Conc: 531.43 ng/ml



#19 AR-1242-4

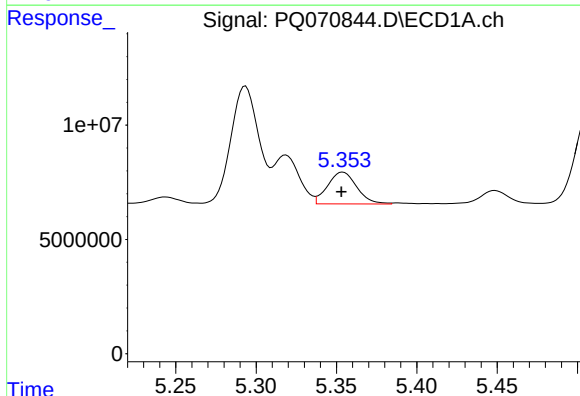
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 68200433
Conc: 554.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



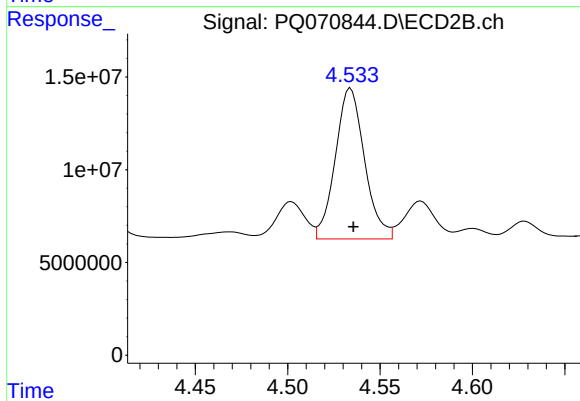
#19 AR-1242-4

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 77621121
Conc: 531.45 ng/ml



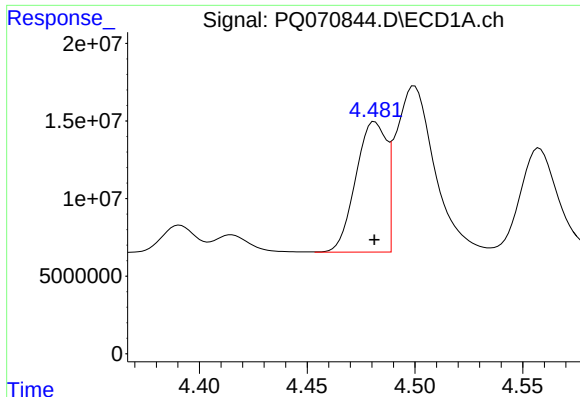
#20 AR-1242-5

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 17613728
Conc: 133.48 ng/ml



#20 AR-1242-5

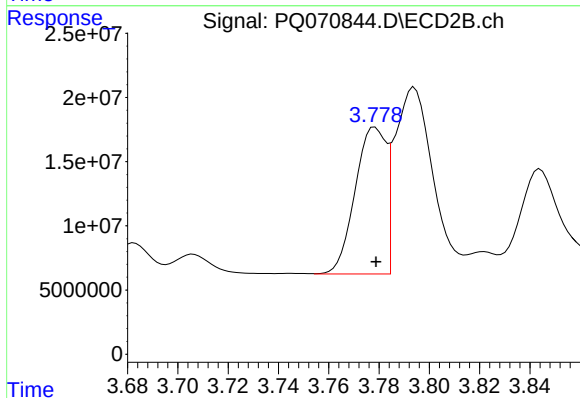
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 89508821
Conc: 462.96 ng/ml



#21 AR-1248-1

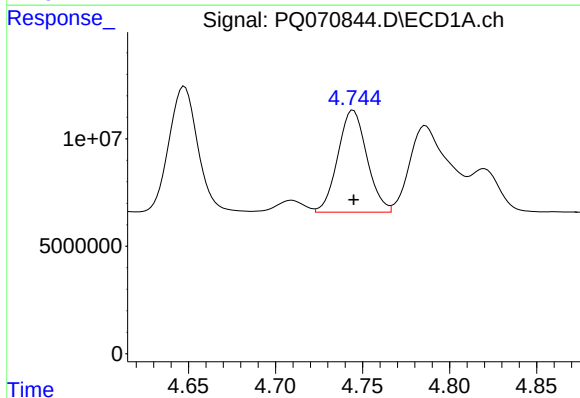
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 82840388
Conc: 723.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



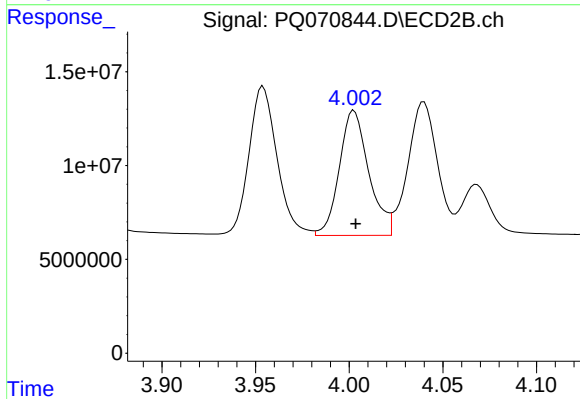
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 97542479
Conc: 683.03 ng/ml



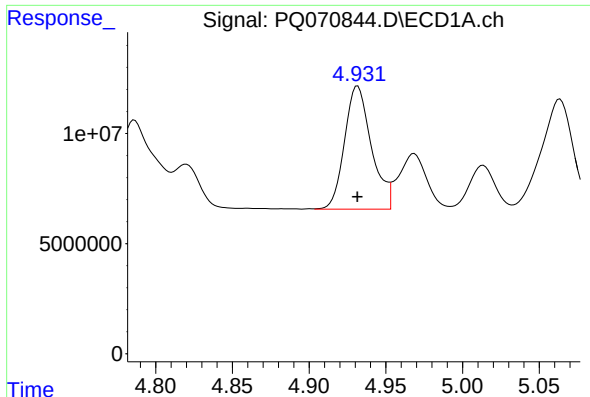
#22 AR-1248-2

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 55178553
Conc: 337.44 ng/ml



#22 AR-1248-2

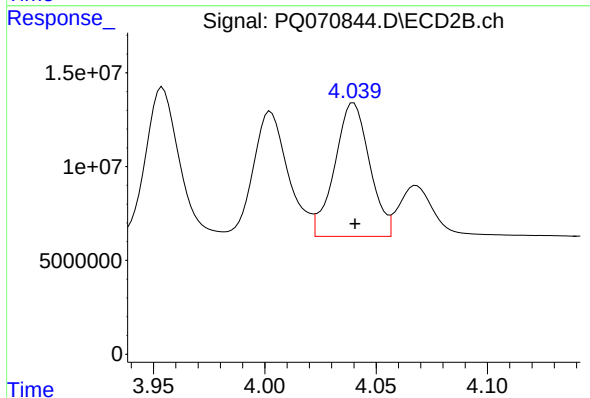
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 72952734
Conc: 337.68 ng/ml



#23 AR-1248-3

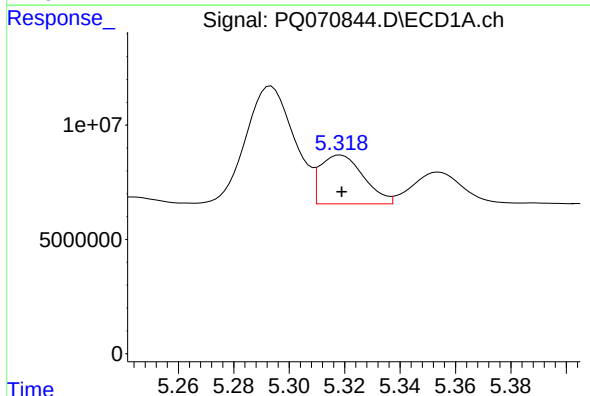
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 68343931
Conc: 349.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



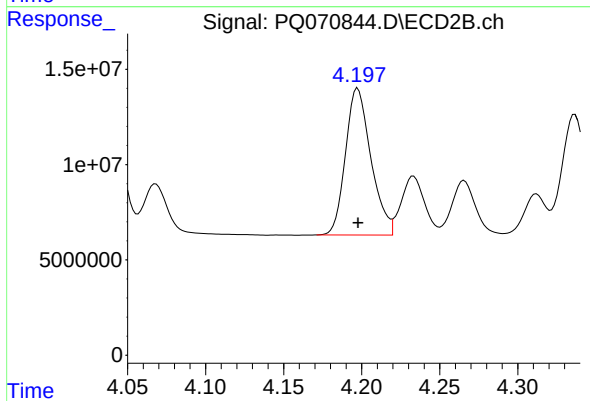
#23 AR-1248-3

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 77621121
Conc: 373.20 ng/ml



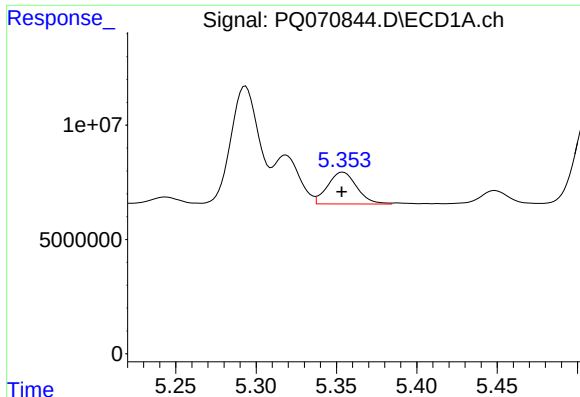
#24 AR-1248-4

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 23260545
Conc: 107.60 ng/ml



#24 AR-1248-4

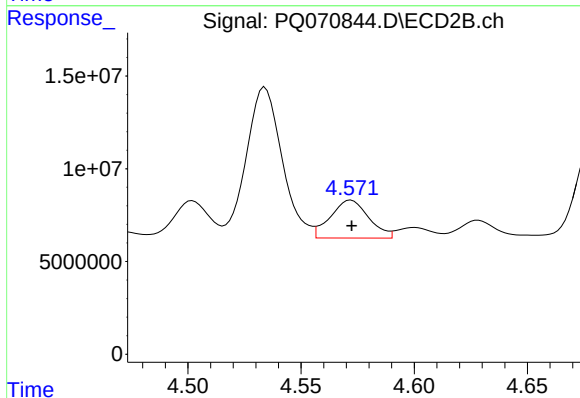
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 87334445
Conc: 342.04 ng/ml



#25 AR-1248-5

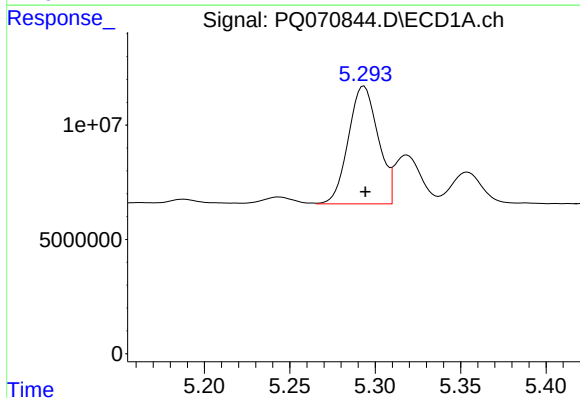
R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 17613728
Conc: 80.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



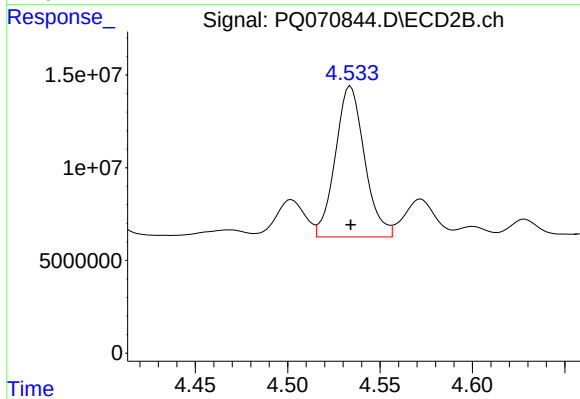
#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 24053223
Conc: 93.02 ng/ml



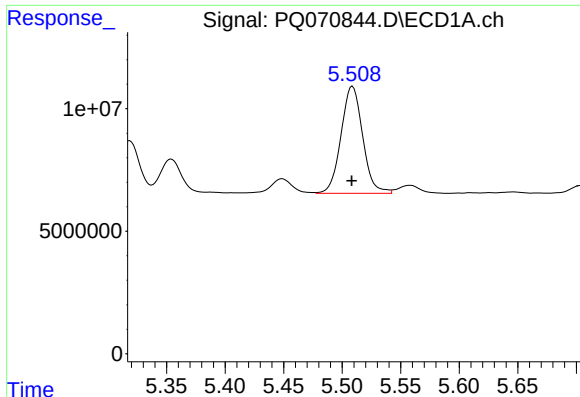
#26 AR-1254-1

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 62464364
Conc: 267.40 ng/ml



#26 AR-1254-1

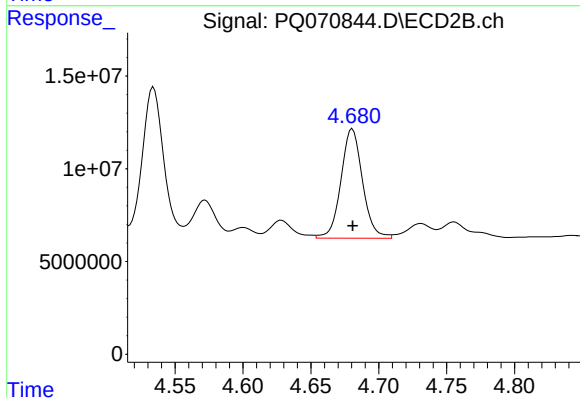
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 89508821
Conc: 224.91 ng/ml



#27 AR-1254-2

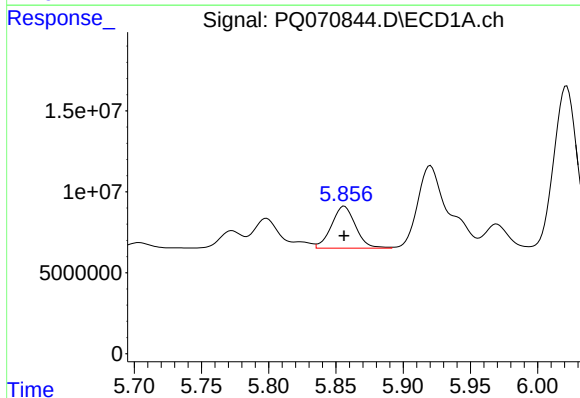
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 56182056
Conc: 157.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



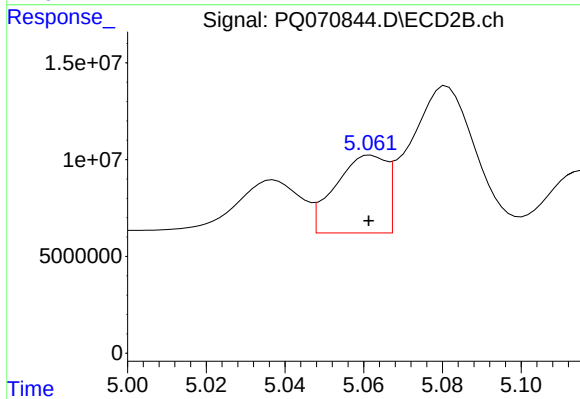
#27 AR-1254-2

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 65430466
Conc: 186.82 ng/ml



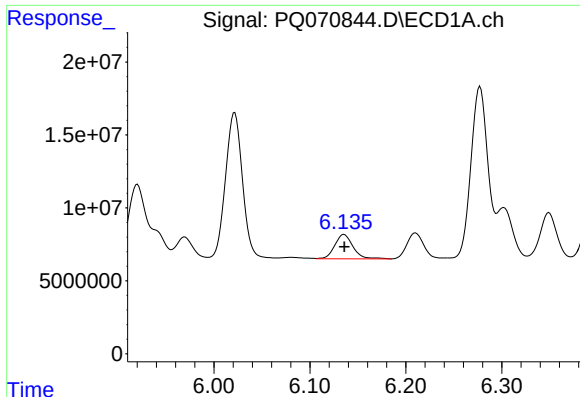
#28 AR-1254-3

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 32122161
Conc: 84.75 ng/ml



#28 AR-1254-3

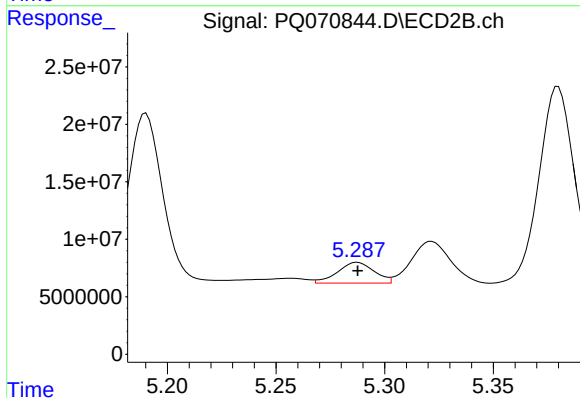
R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 36054337
Conc: 63.74 ng/ml



#29 AR-1254-4

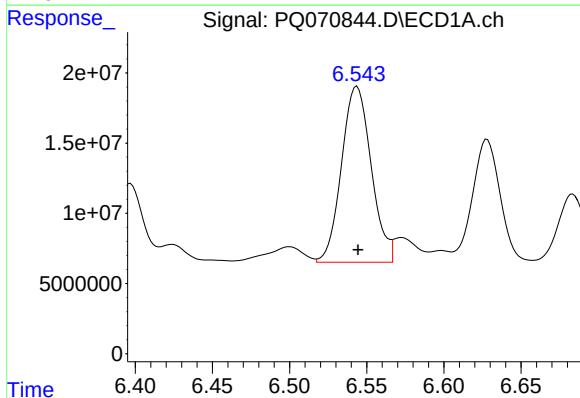
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 22114231
Conc: 82.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



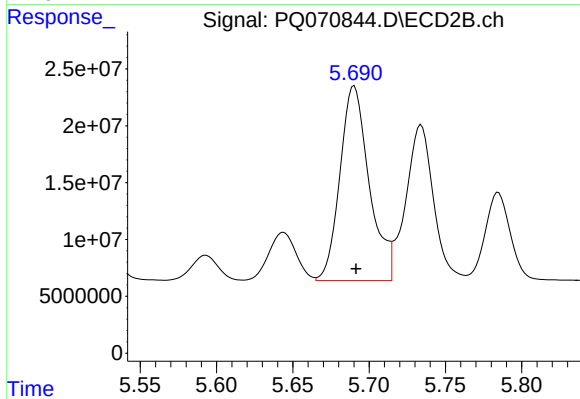
#29 AR-1254-4

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 21220425
Conc: 61.37 ng/ml



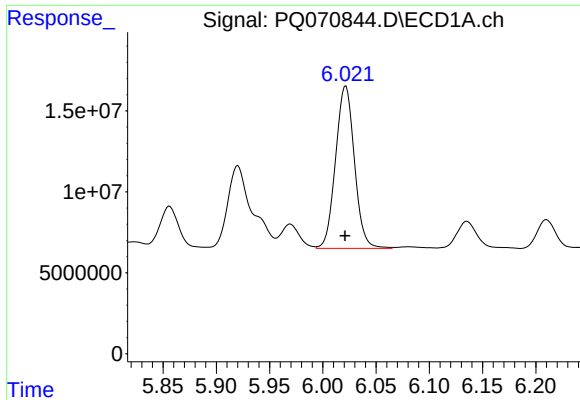
#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 167571350
Conc: 559.16 ng/ml



#30 AR-1254-5

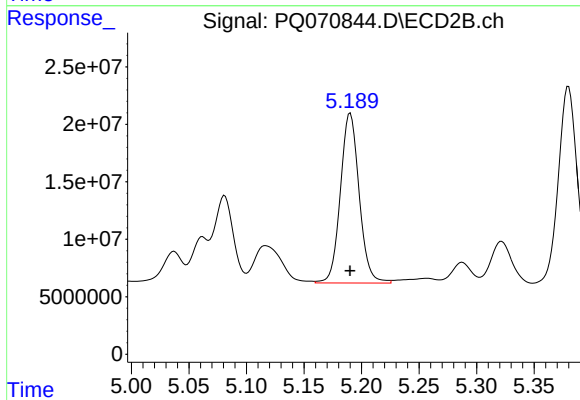
R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 228644665
Conc: 436.02 ng/ml



#31 AR-1260-1

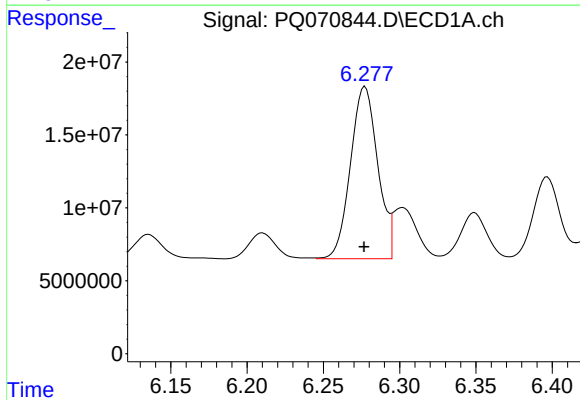
R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 123567629
Conc: 504.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



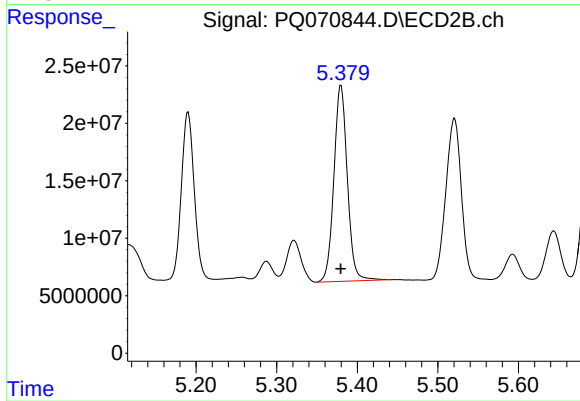
#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 168366248
Conc: 471.72 ng/ml



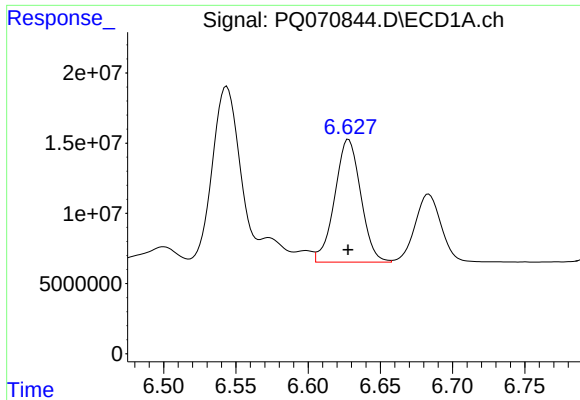
#32 AR-1260-2

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 146686308
Conc: 489.57 ng/ml



#32 AR-1260-2

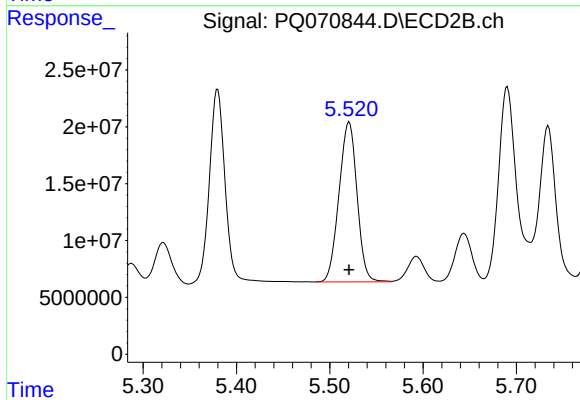
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 197435374
Conc: 464.13 ng/ml



#33 AR-1260-3

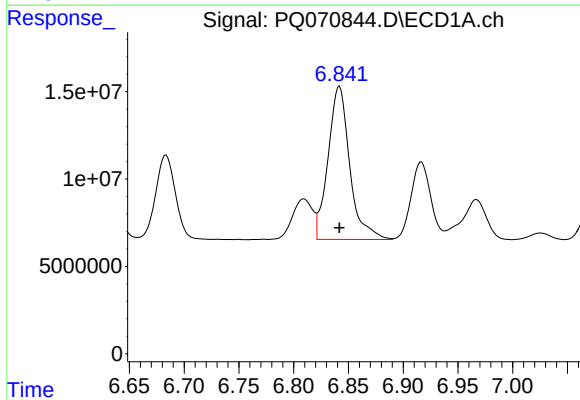
R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 109688104
Conc: 512.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



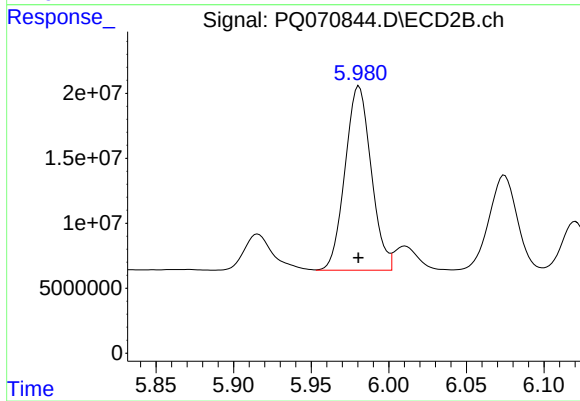
#33 AR-1260-3

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 188716019
Conc: 466.53 ng/ml



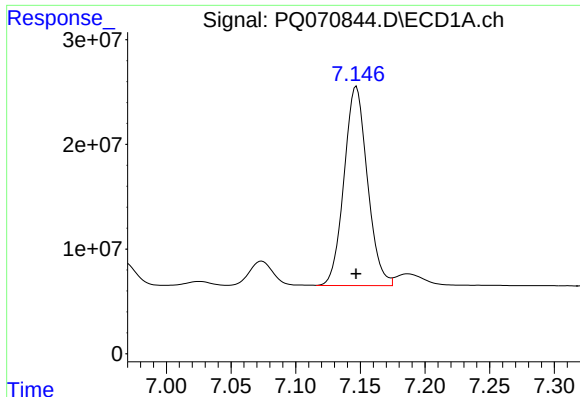
#34 AR-1260-4

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 120702710
Conc: 507.68 ng/ml



#34 AR-1260-4

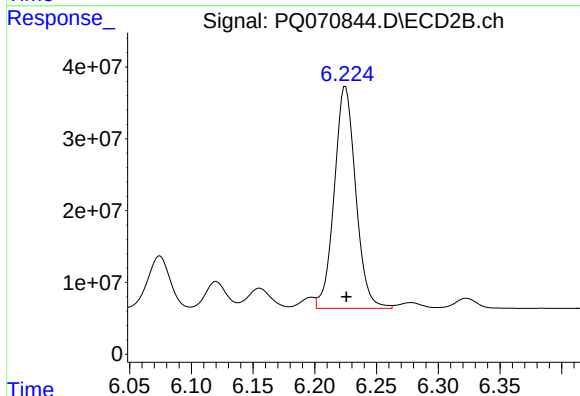
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 165830962
Conc: 468.44 ng/ml



#35 AR-1260-5

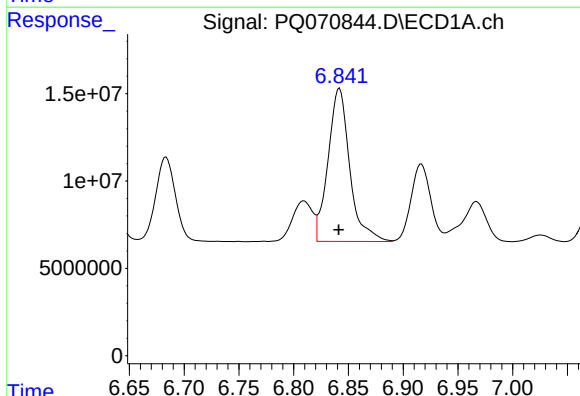
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 239030817
Conc: 500.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



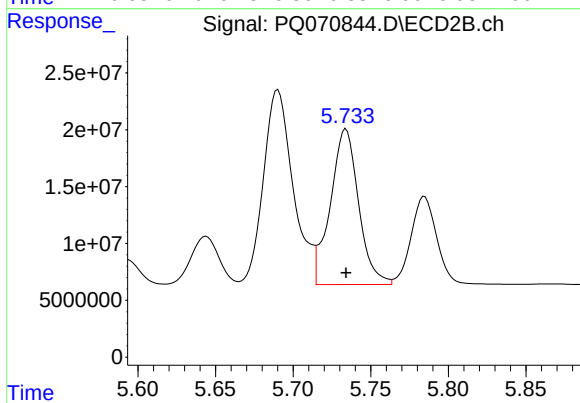
#35 AR-1260-5

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 374404085
Conc: 456.05 ng/ml



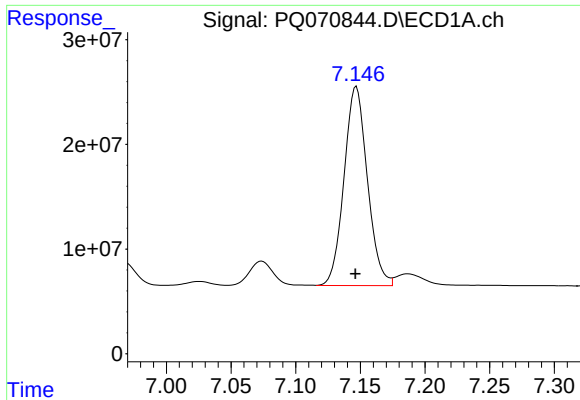
#36 AR-1262-1

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 120702710
Conc: 360.14 ng/ml



#36 AR-1262-1

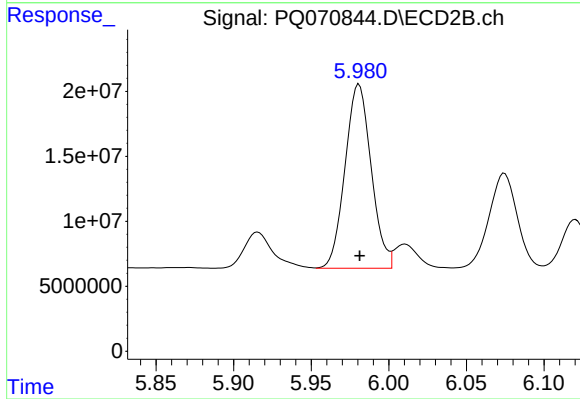
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 173389792
Conc: 326.54 ng/ml



#37 AR-1262-2

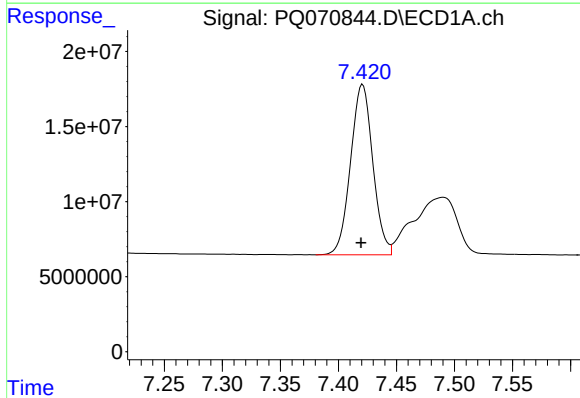
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 239030817
Conc: 399.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



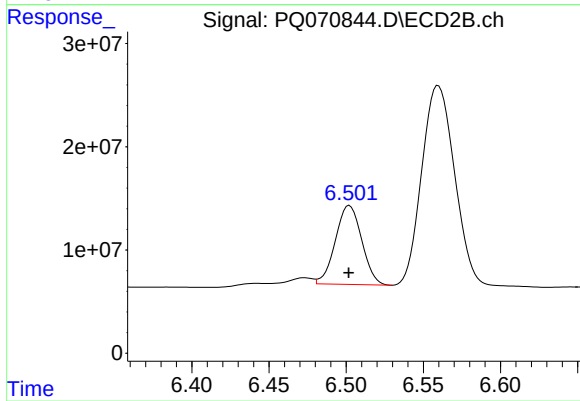
#37 AR-1262-2

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 165830962
Conc: 333.31 ng/ml



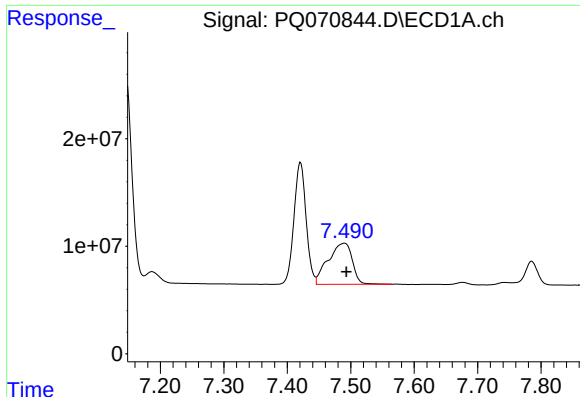
#38 AR-1262-3

R.T.: 7.421 min
Delta R.T.: 0.001 min
Response: 151265202
Conc: 377.60 ng/ml



#38 AR-1262-3

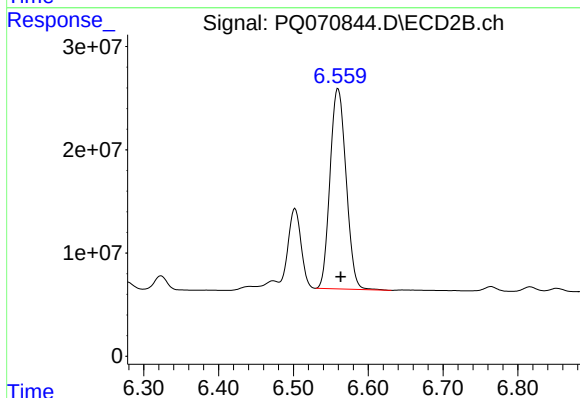
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 91077135
Conc: 229.65 ng/ml



#39 AR-1262-4

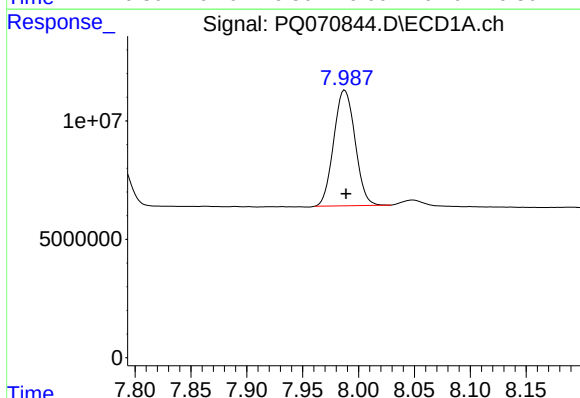
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 101202223
Conc: 319.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



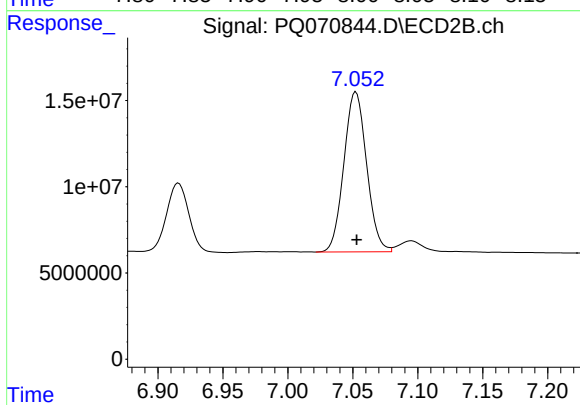
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: -0.003 min
Response: 289575328
Conc: 395.92 ng/ml



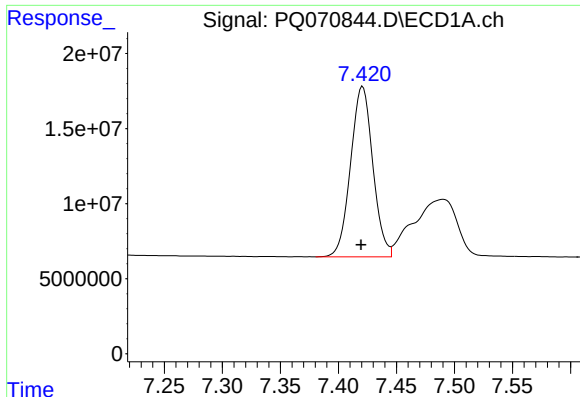
#40 AR-1262-5

R.T.: 7.988 min
Delta R.T.: -0.001 min
Response: 64958600
Conc: 330.77 ng/ml



#40 AR-1262-5

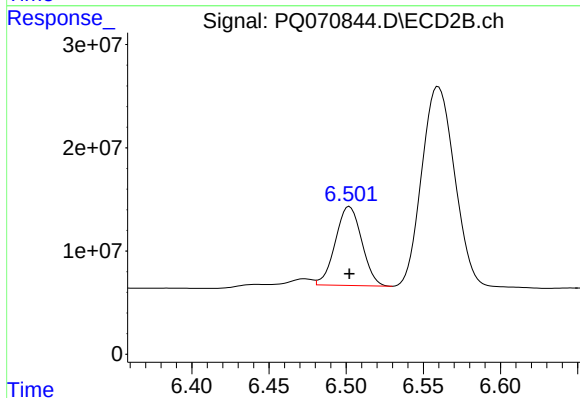
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 113110484
Conc: 325.52 ng/ml



#41 AR-1268-1

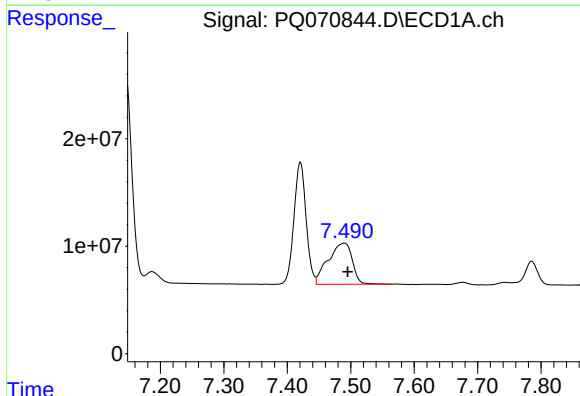
R.T.: 7.421 min
Delta R.T.: 0.001 min
Response: 151265202
Conc: 221.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



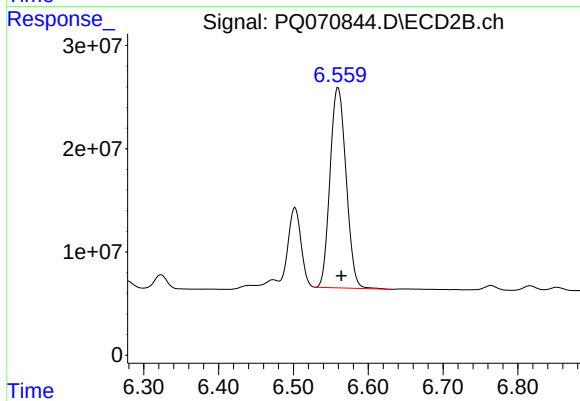
#41 AR-1268-1

R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 91077135
Conc: 81.11 ng/ml



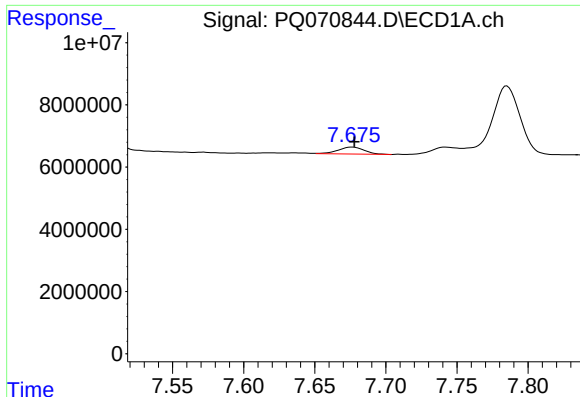
#42 AR-1268-2

R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 101202223
Conc: 160.33 ng/ml



#42 AR-1268-2

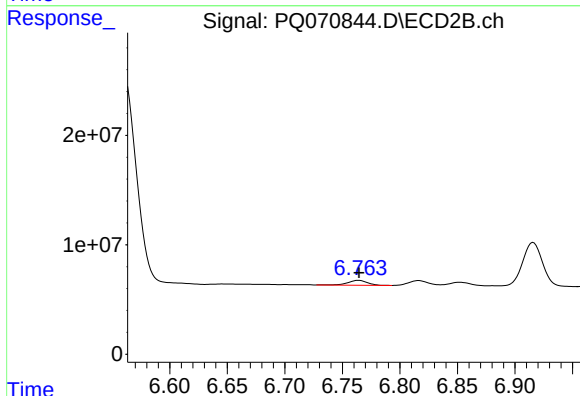
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 289575328
Conc: 277.36 ng/ml



#43 AR-1268-3

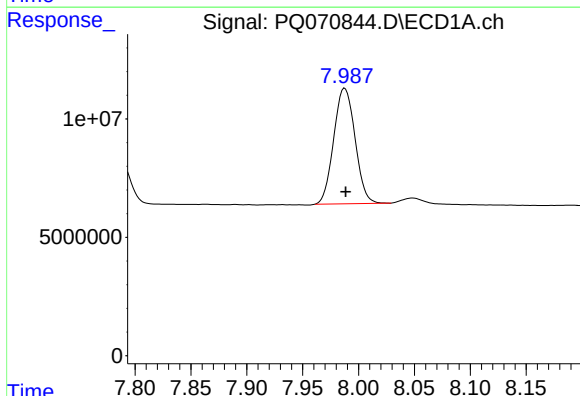
R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 2892239
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



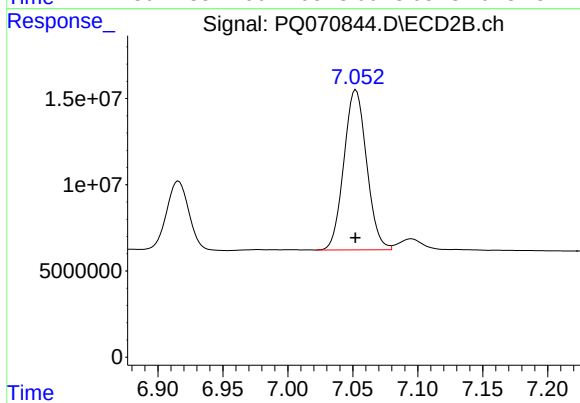
#43 AR-1268-3

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 5182653
Conc: 5.80 ng/ml



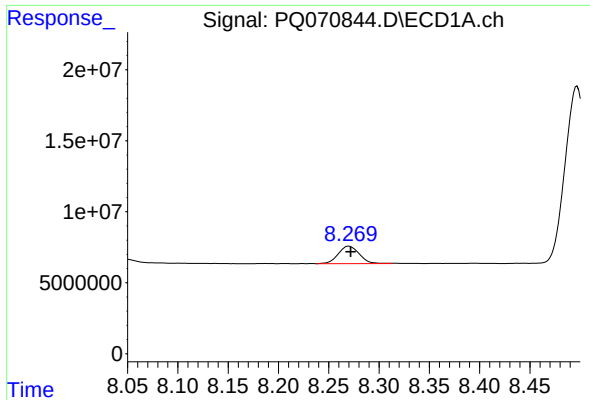
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: -0.001 min
Response: 64958600
Conc: 296.32 ng/ml



#44 AR-1268-4

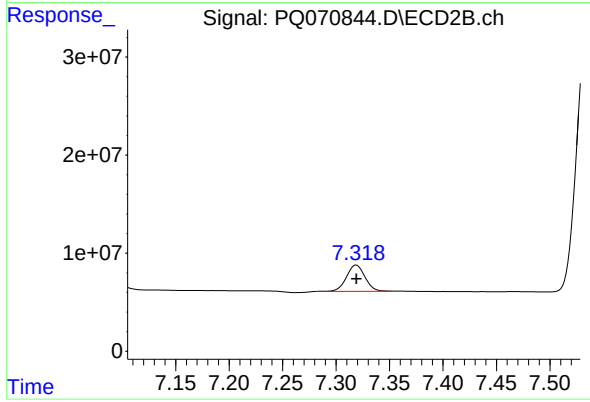
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 113110484
Conc: 285.30 ng/ml



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 18031755
Conc: 11.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 32400226
Conc: 11.84 ng/ml