

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 17:31
 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: Apr 08 01:56:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.763	359.2E6	170.5E6	45.761	43.390
2)	SA Decachlor...	8.584	7.540	281.1E6	204.4E6	49.816	43.369
Target Compounds							
3)	L1 AR-1016-1	4.505	3.767	130.1E6	65449568	467.419	457.202
4)	L1 AR-1016-2	4.524	3.782	195.3E6	94759063	469.828	450.157
5)	L1 AR-1016-3	4.582	3.943	125.0E6	50540570	479.225	455.785
6)	L1 AR-1016-4	4.674	3.992	104.7E6	42341312	484.045	449.496
7)	L1 AR-1016-5	4.961	4.187	101.4E6	52756129	455.841	447.549
8)	L2 AR-1221-1	3.602	2.965	14588702	6763099	146.292	138.922
9)	L2 AR-1221-2	3.685	3.042	20977181	9574267	278.595	257.737
10)	L2 AR-1221-3	3.754	3.110	75260015	36078584	338.310	317.584
11)	L3 AR-1232-1	3.754	3.110	75260015	36078584	440.330	416.824
12)	L3 AR-1232-2	4.247	3.782	99794482	94759063	1006.702	997.208
13)	L3 AR-1232-3	4.524	3.943	195.3E6	50540570	1041.078	1012.881
14)	L3 AR-1232-4	4.674	4.029	104.7E6	45984083	1060.032	1079.832
15)	L3 AR-1232-5	4.771	4.187	78891234	52756129	1161.534	1025.858
16)	L4 AR-1242-1	4.505	3.767	130.1E6	65449568	614.037	587.574
17)	L4 AR-1242-2	4.524	3.782	195.3E6	94759063	619.889	585.527
18)	L4 AR-1242-3	4.582	3.943	125.0E6	50540570	620.166	597.562
19)	L4 AR-1242-4	4.674	4.029	104.7E6	45984083	611.900	555.349
20)	L4 AR-1242-5	5.390	4.523	27507174	51947357	162.450	455.415 #
21)	L5 AR-1248-1	4.505	3.767	130.1E6	65449568	770.369	742.016
22)	L5 AR-1248-2	4.771	3.992	78891234	42341312	344.670	324.783
23)	L5 AR-1248-3	4.961	4.029	101.4E6	45984083	362.046	366.279
24)	L5 AR-1248-4	5.354	4.187	35610731	52756129	114.388	338.629 #
25)	L5 AR-1248-5	5.390	4.561	27507174	14184981	91.747	92.474
26)	L6 AR-1254-1	5.327	4.523	92334561	51947357	290.090	223.810
27)	L6 AR-1254-2	5.545	4.670	82799059	37795852	168.103	180.058
28)	L6 AR-1254-3	5.898	5.053	41749756	16847938	82.585	51.036 #
29)	L6 AR-1254-4	6.180	5.278	25798506	6473044	68.896	30.924 #
30)	L6 AR-1254-5	6.594	5.684	261.9E6	150.8E6	619.342	460.941 #
31)	L7 AR-1260-1	6.063	5.181	189.0E6	104.8E6	491.618	452.499
32)	L7 AR-1260-2	6.323	5.371	229.6E6	131.0E6	501.203	457.027
33)	L7 AR-1260-3	6.676	5.513	170.5E6	121.9E6	589.035	447.331
34)	L7 AR-1260-4	6.893	5.975	189.4E6	104.2E6	550.079	515.367
35)	L7 AR-1260-5	7.205	6.221	368.7E6	238.3E6	564.148	514.889
36)	L8 AR-1262-1	6.676	5.728	170.5E6	104.0E6	358.305	327.512
37)	L8 AR-1262-2	7.205	6.221	368.7E6	238.3E6	471.657	408.704
38)	L8 AR-1262-3	7.482	6.499	235.9E6	56755433	448.186	238.666 #
39)	L8 AR-1262-4	7.553	6.558	147.7E6	183.5E6	358.559	415.074
40)	L8 AR-1262-5	8.057	7.054	99455124	67195718	367.661	317.661
41)	L9 AR-1268-1	7.482	6.499	235.9E6	56755433	271.118	84.419 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 17:31
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

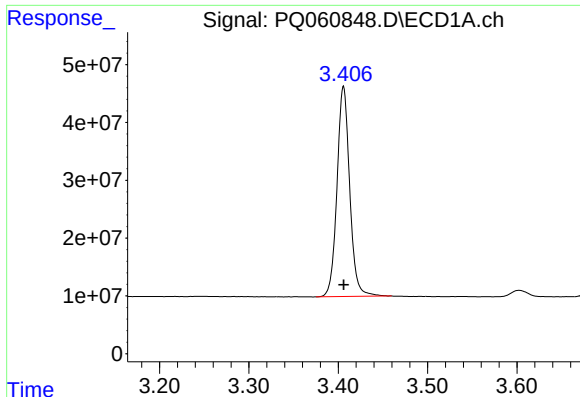
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:56:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.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	7.553	6.558	147.7E6	183.5E6	186.438	296.930 #
43) L9	AR-1268-3	7.736	6.764	5253352	4383245	7.916	8.090
44) L9	AR-1268-4	8.057	7.054	99455124	67195718	337.258	288.170
45) L9	AR-1268-5	8.350	7.323	27742307	20840890	14.696	11.924

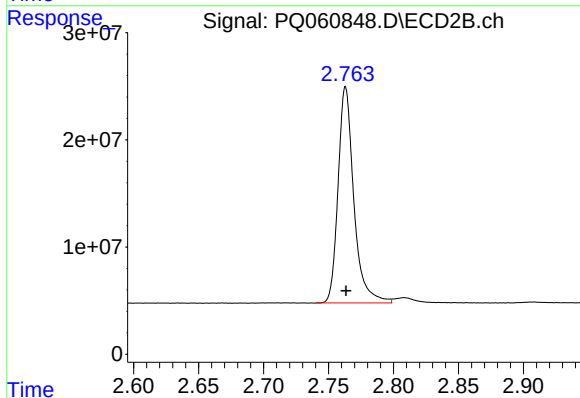
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

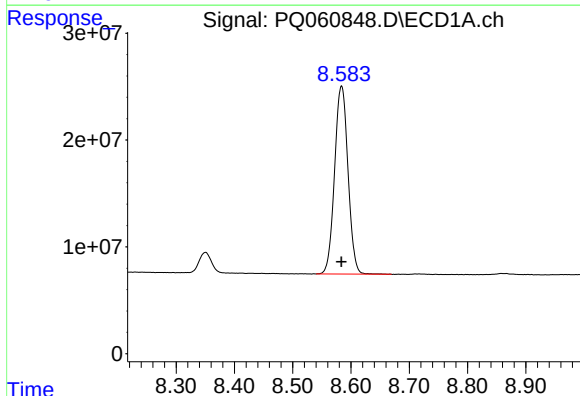
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 359233900
Conc: 45.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



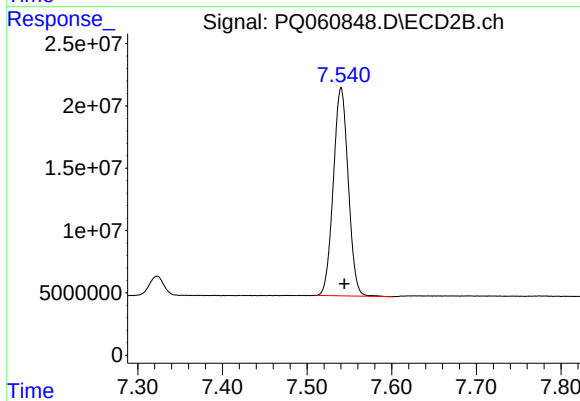
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 170548067
Conc: 43.39 ng/ml



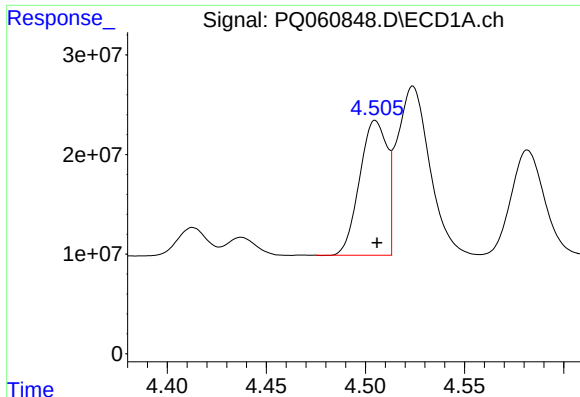
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 281119126
Conc: 49.82 ng/ml



#2 Decachlorobiphenyl

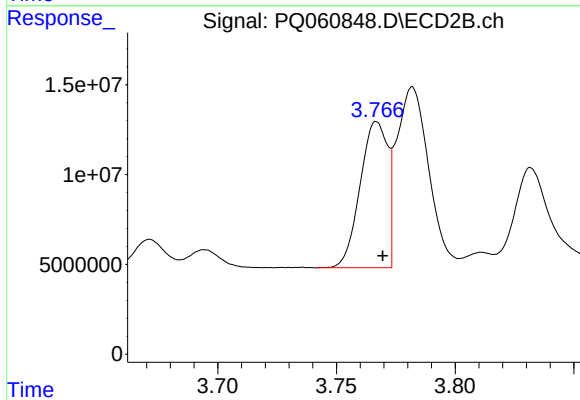
R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 204396847
Conc: 43.37 ng/ml



#3 AR-1016-1

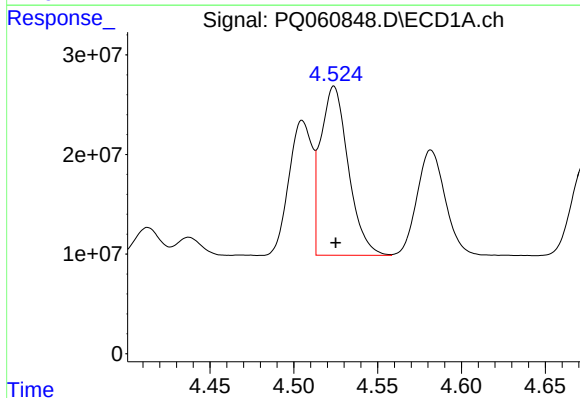
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 130057720
Conc: 467.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



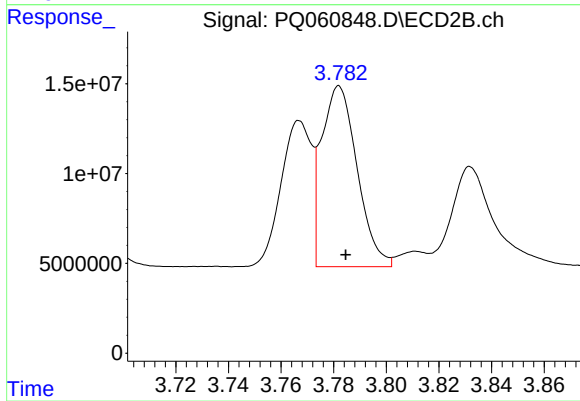
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 65449568
Conc: 457.20 ng/ml



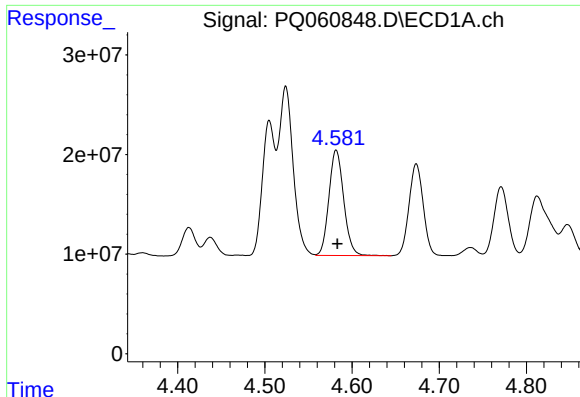
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 195259296
Conc: 469.83 ng/ml



#4 AR-1016-2

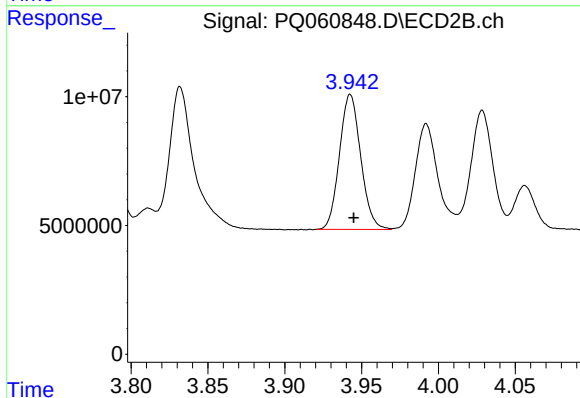
R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 94759063
Conc: 450.16 ng/ml



#5 AR-1016-3

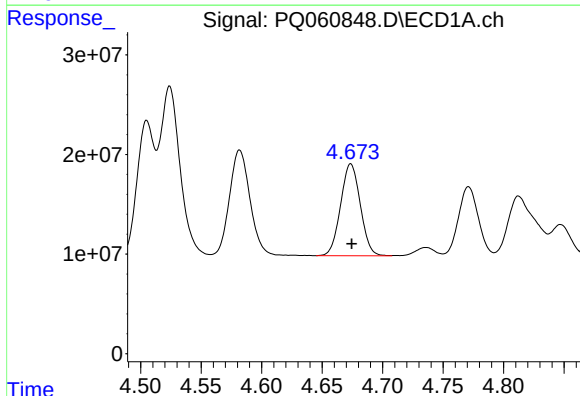
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 125008601
Conc: 479.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



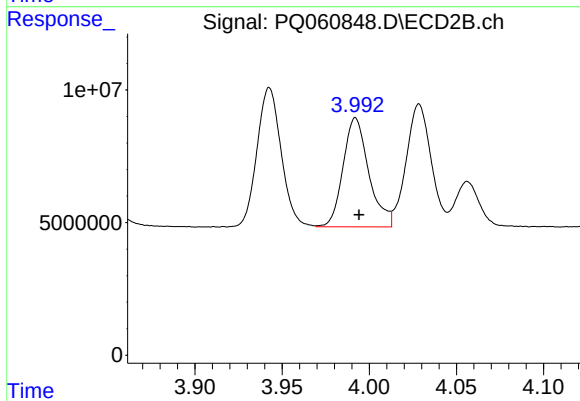
#5 AR-1016-3

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 50540570
Conc: 455.79 ng/ml



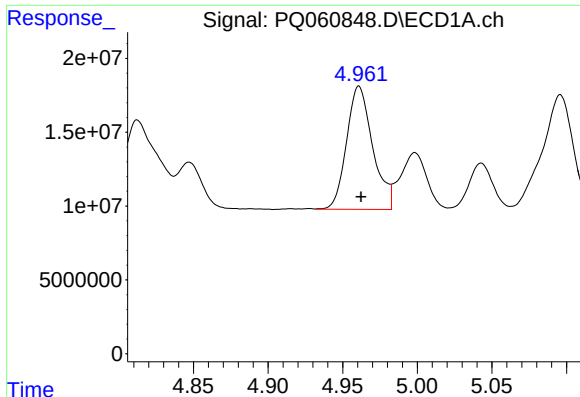
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 104685913
Conc: 484.04 ng/ml



#6 AR-1016-4

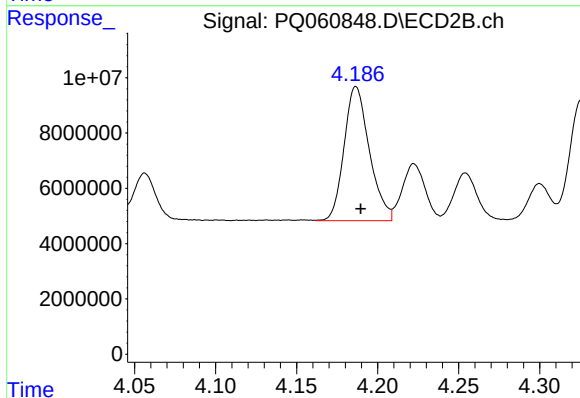
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 42341312
Conc: 449.50 ng/ml



#7 AR-1016-5

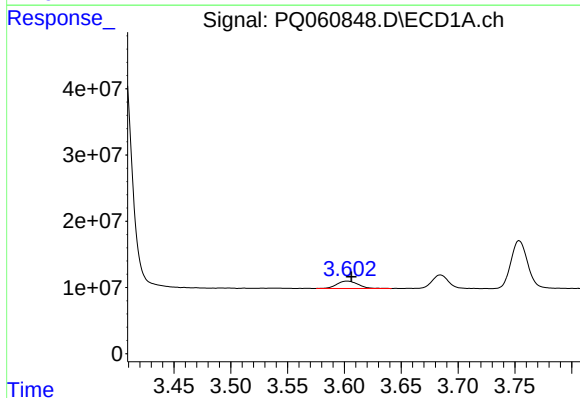
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 101449832
Conc: 455.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



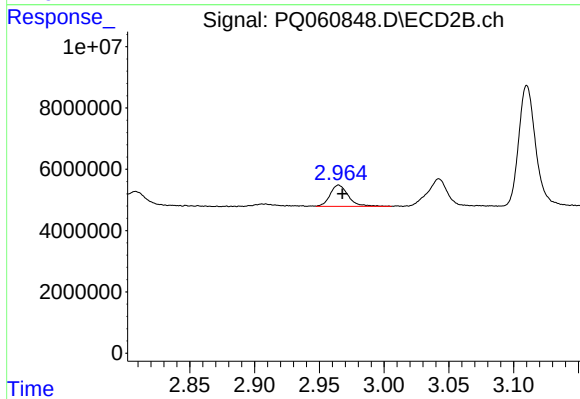
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 52756129
Conc: 447.55 ng/ml



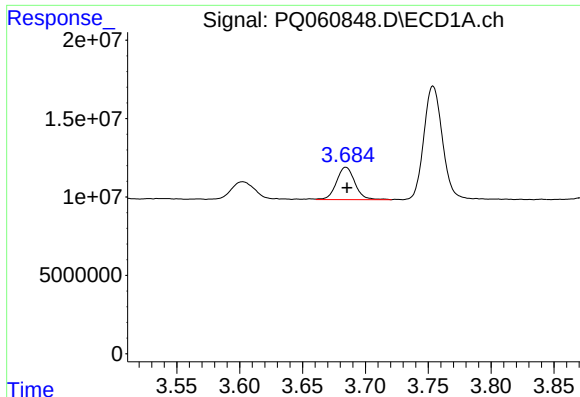
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 14588702
Conc: 146.29 ng/ml



#8 AR-1221-1

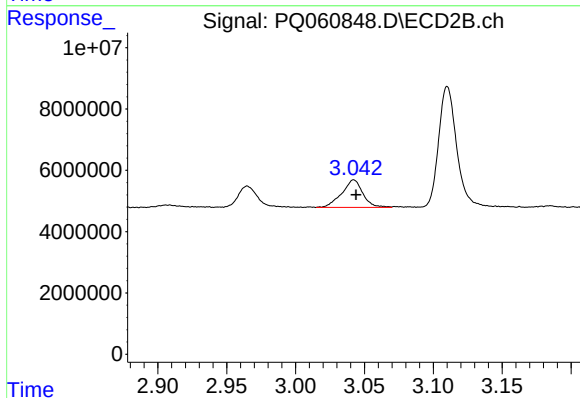
R.T.: 2.965 min
Delta R.T.: -0.003 min
Response: 6763099
Conc: 138.92 ng/ml



#9 AR-1221-2

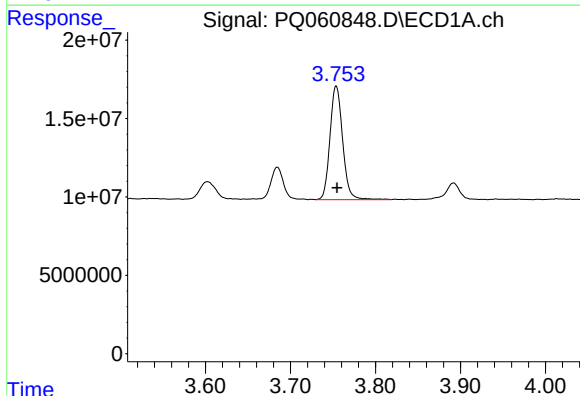
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 20977181
Conc: 278.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



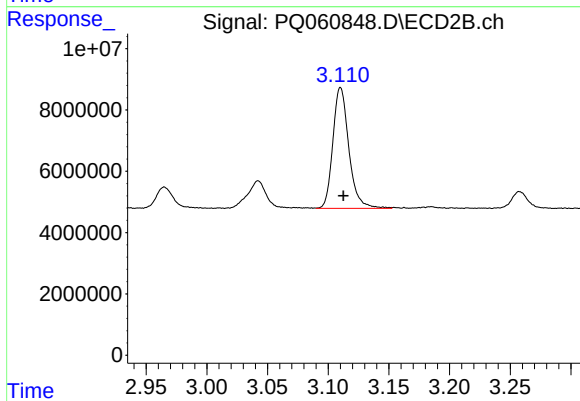
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: -0.002 min
Response: 9574267
Conc: 257.74 ng/ml



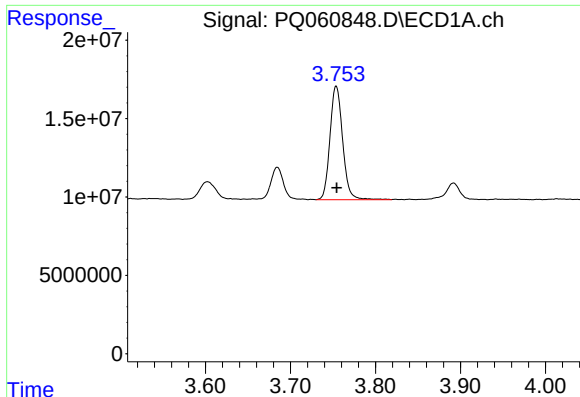
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 75260015
Conc: 338.31 ng/ml



#10 AR-1221-3

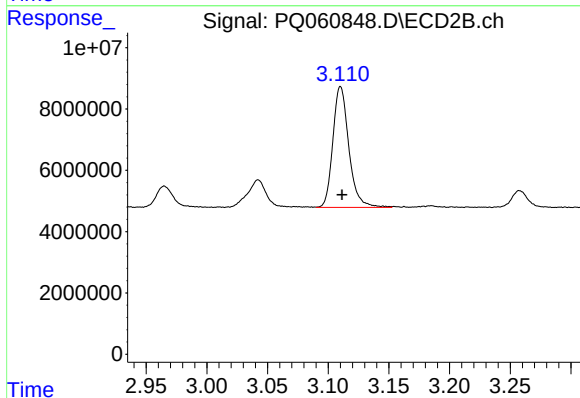
R.T.: 3.110 min
Delta R.T.: -0.002 min
Response: 36078584
Conc: 317.58 ng/ml



#11 AR-1232-1

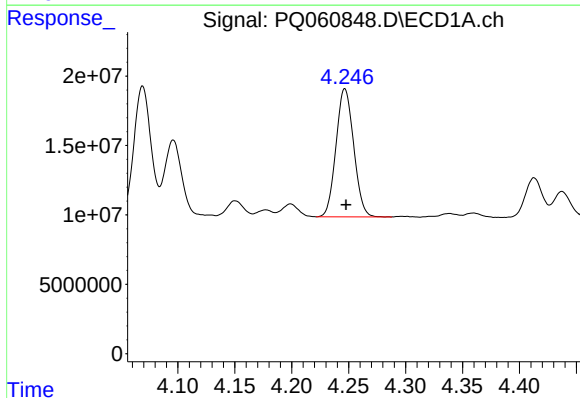
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 75260015
Conc: 440.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



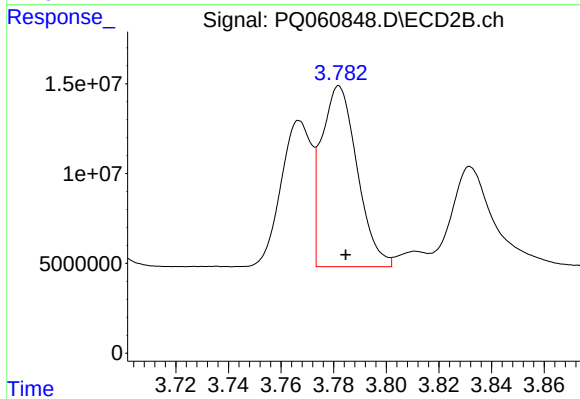
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: -0.001 min
Response: 36078584
Conc: 416.82 ng/ml



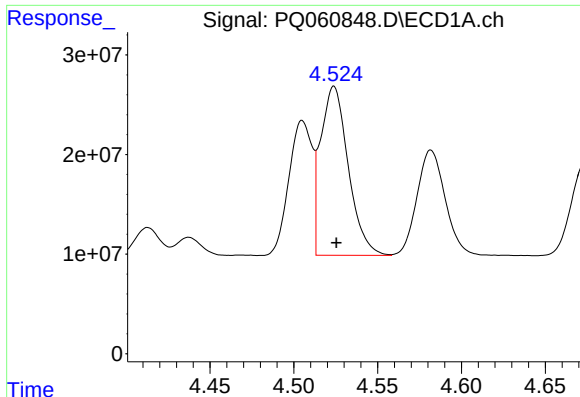
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 99794482
Conc: 1006.70 ng/ml



#12 AR-1232-2

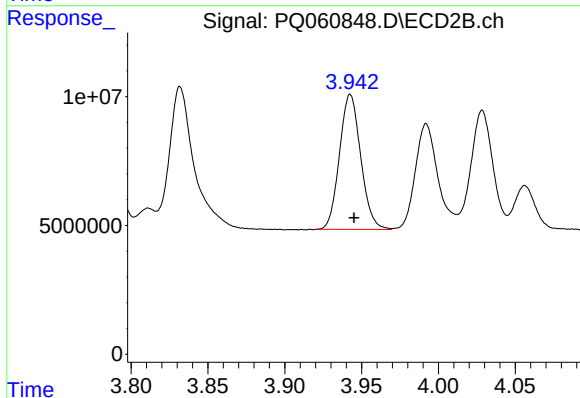
R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 94759063
Conc: 997.21 ng/ml



#13 AR-1232-3

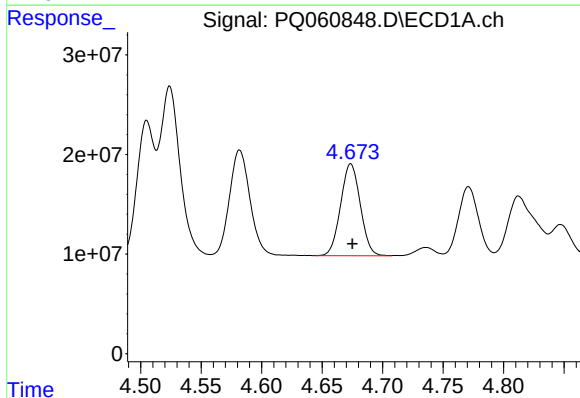
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 195259296
Conc: 1041.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



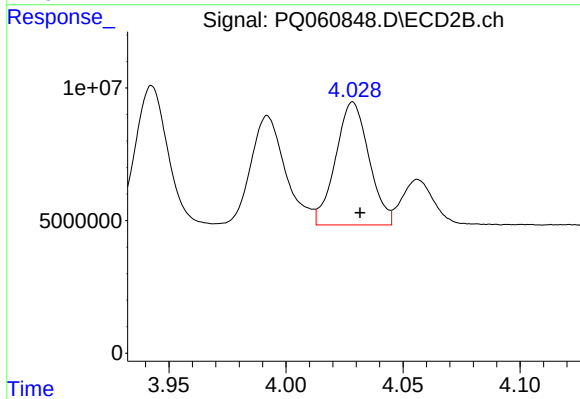
#13 AR-1232-3

R.T.: 3.943 min
Delta R.T.: -0.003 min
Response: 50540570
Conc: 1012.88 ng/ml



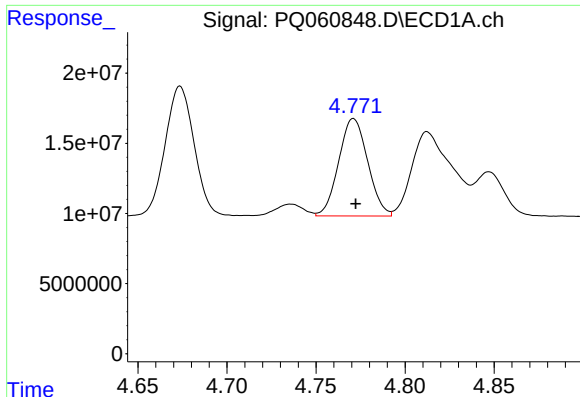
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 104685913
Conc: 1060.03 ng/ml



#14 AR-1232-4

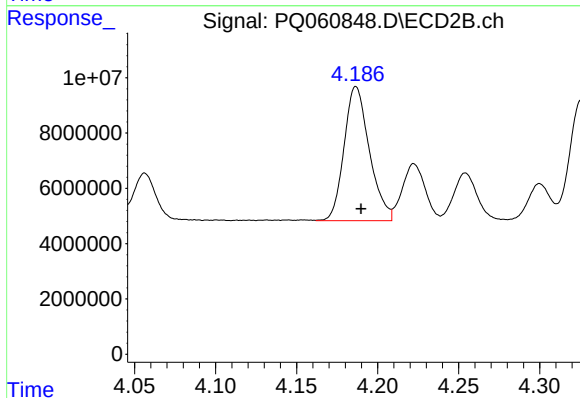
R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 45984083
Conc: 1079.83 ng/ml



#15 AR-1232-5

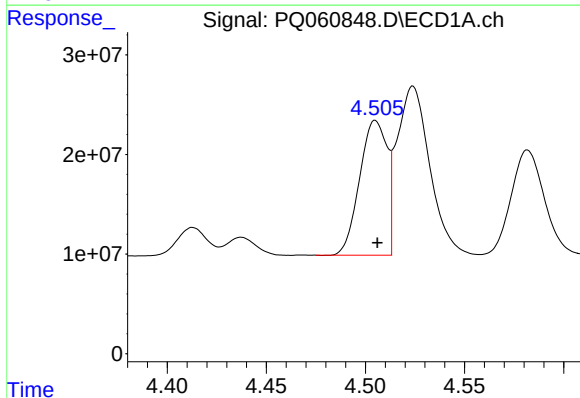
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 78891234
Conc: 1161.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



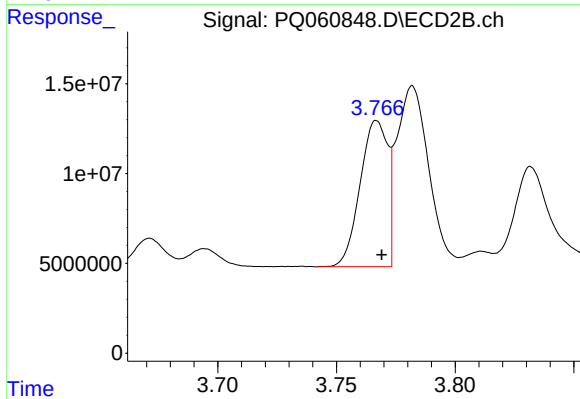
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 52756129
Conc: 1025.86 ng/ml



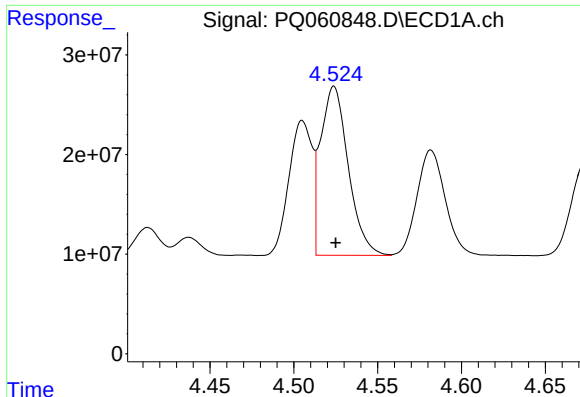
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 130057720
Conc: 614.04 ng/ml



#16 AR-1242-1

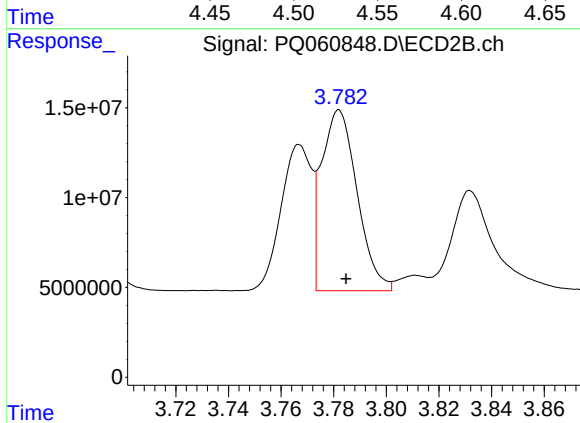
R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 65449568
Conc: 587.57 ng/ml



#17 AR-1242-2

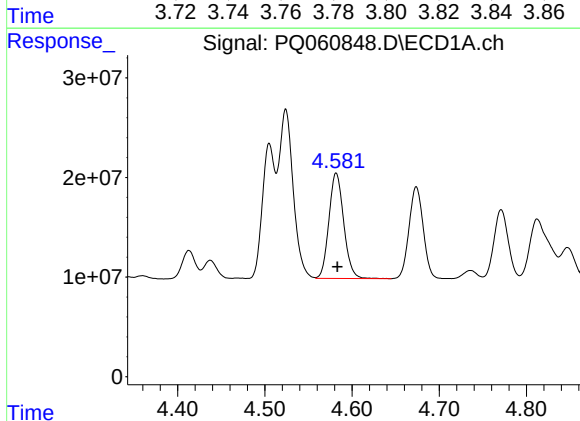
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 195259296
Conc: 619.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



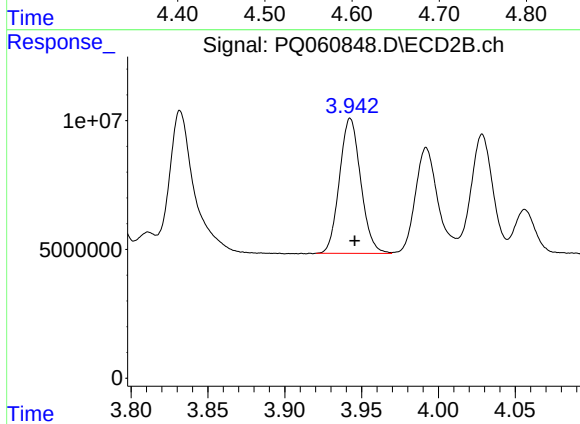
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 94759063
Conc: 585.53 ng/ml



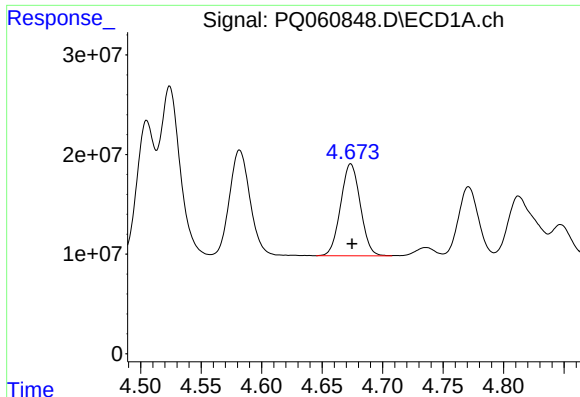
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 125008601
Conc: 620.17 ng/ml



#18 AR-1242-3

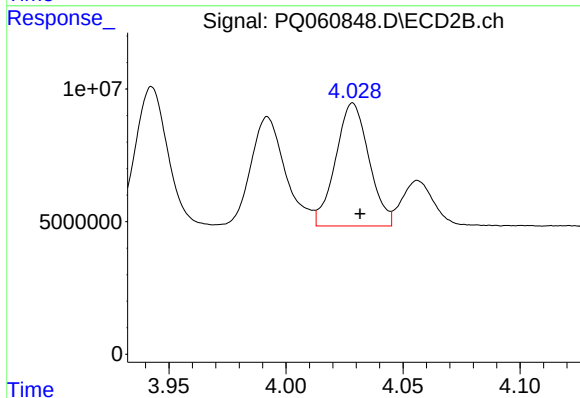
R.T.: 3.943 min
Delta R.T.: -0.003 min
Response: 50540570
Conc: 597.56 ng/ml



#19 AR-1242-4

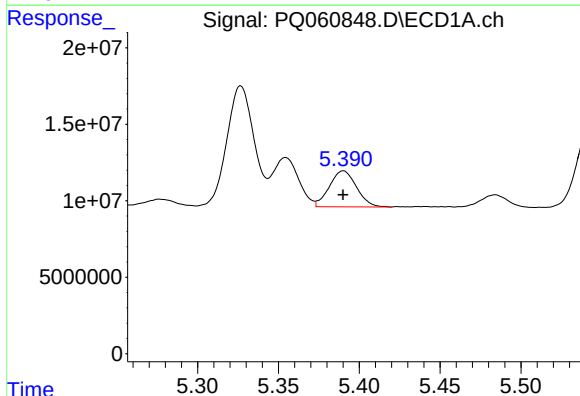
R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 104685913
Conc: 611.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



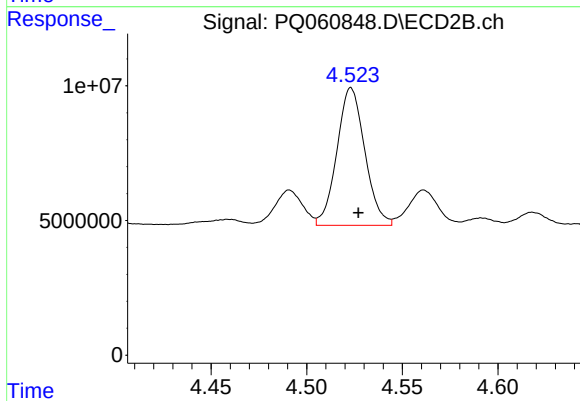
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 45984083
Conc: 555.35 ng/ml



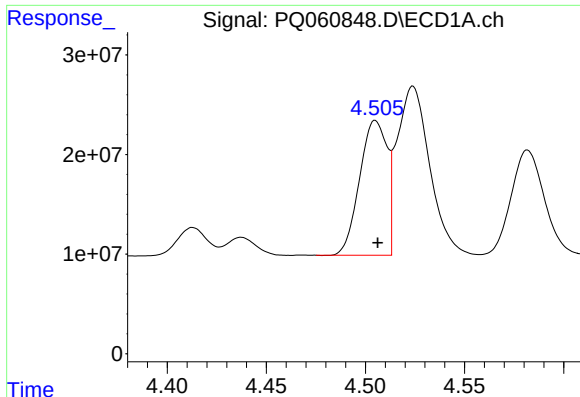
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 27507174
Conc: 162.45 ng/ml



#20 AR-1242-5

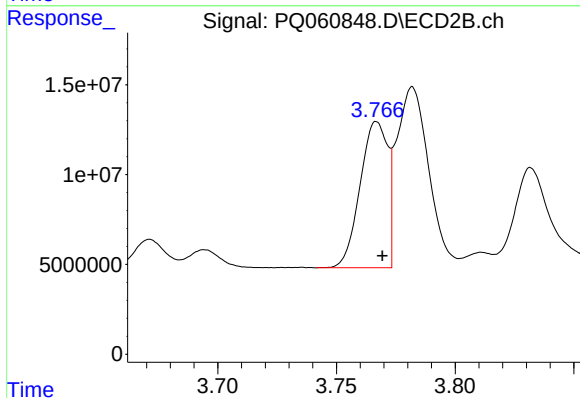
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 51947357
Conc: 455.41 ng/ml



#21 AR-1248-1

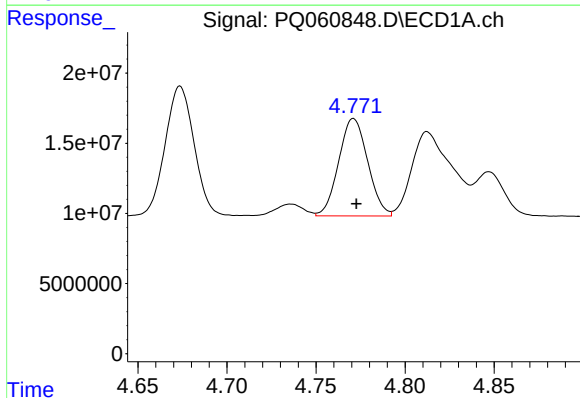
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 130057720
Conc: 770.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



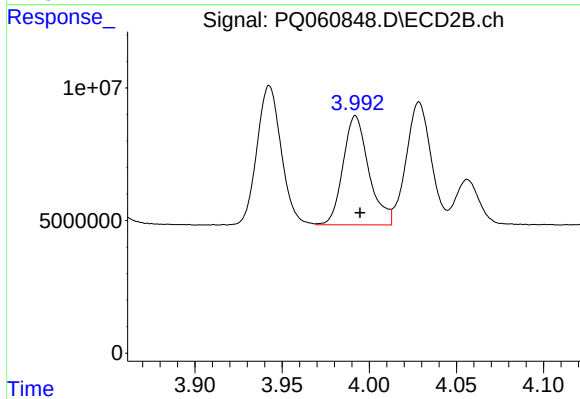
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 65449568
Conc: 742.02 ng/ml



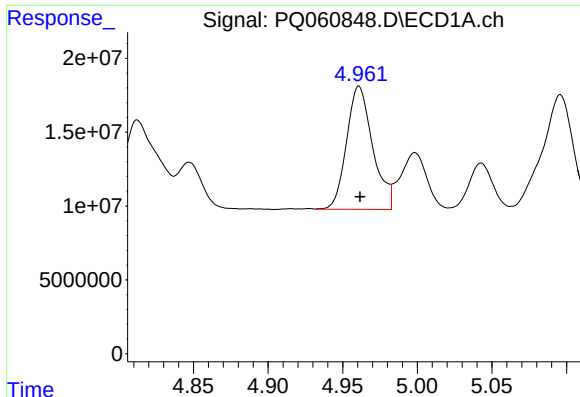
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 78891234
Conc: 344.67 ng/ml



#22 AR-1248-2

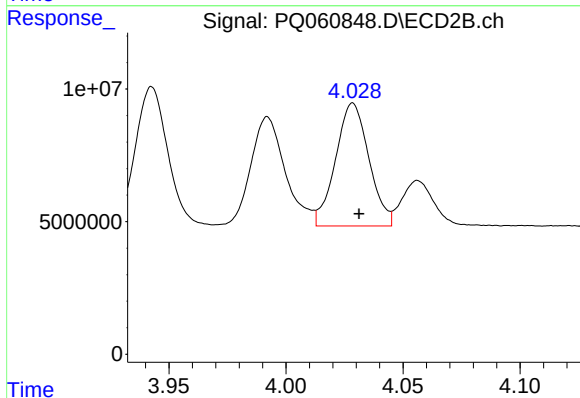
R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 42341312
Conc: 324.78 ng/ml



#23 AR-1248-3

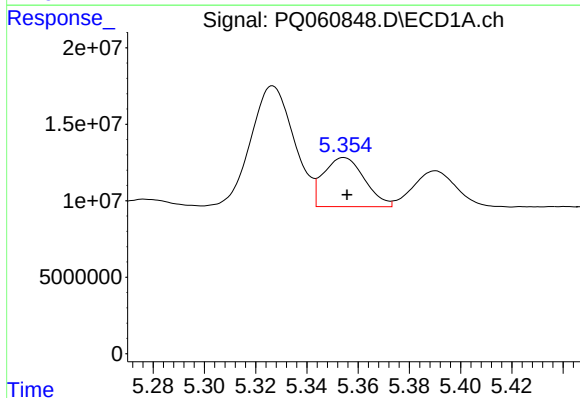
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 101449832
Conc: 362.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



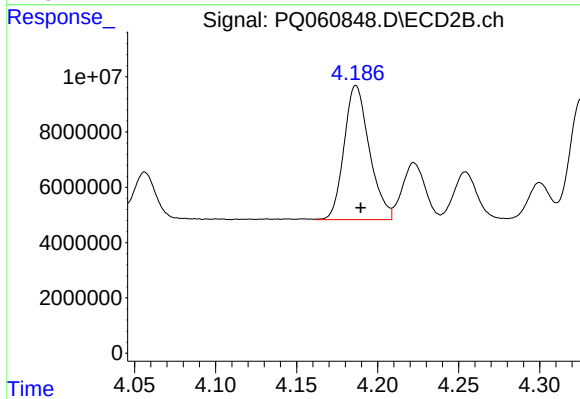
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 45984083
Conc: 366.28 ng/ml



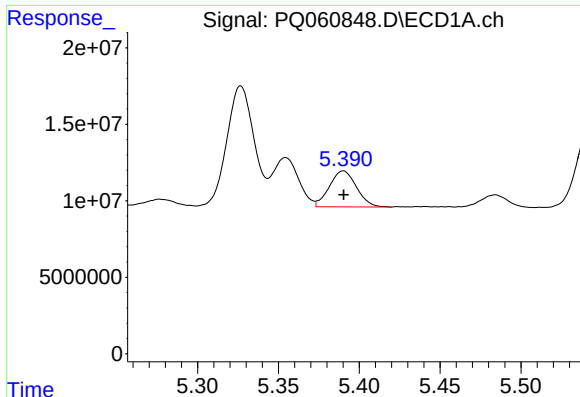
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 35610731
Conc: 114.39 ng/ml



#24 AR-1248-4

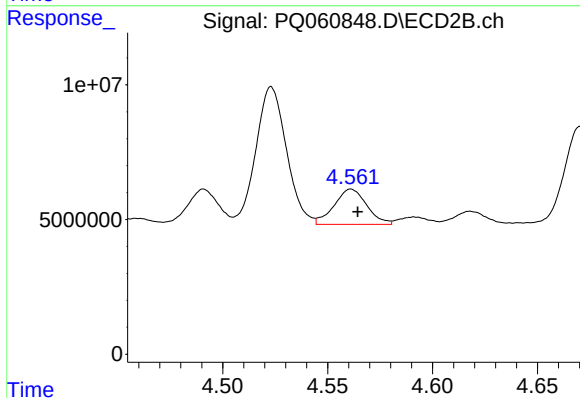
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 52756129
Conc: 338.63 ng/ml



#25 AR-1248-5

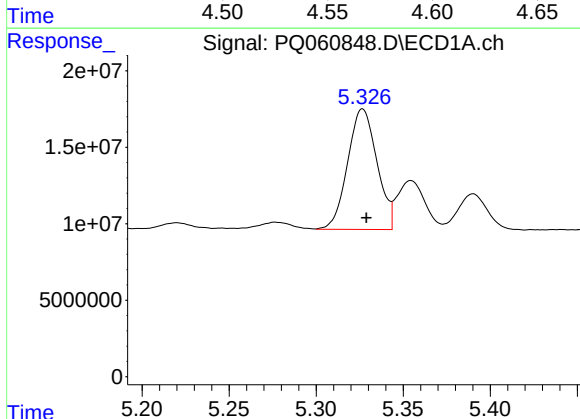
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 27507174
Conc: 91.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



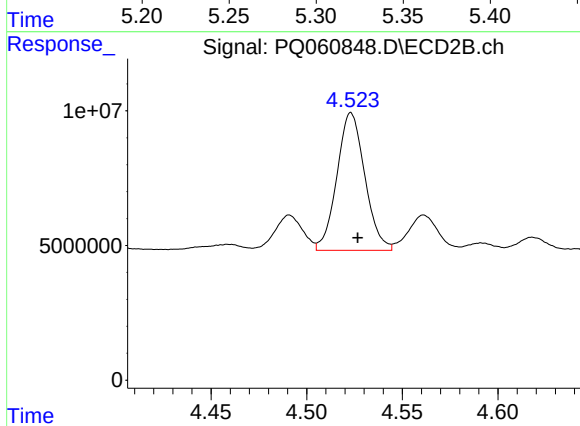
#25 AR-1248-5

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 14184981
Conc: 92.47 ng/ml



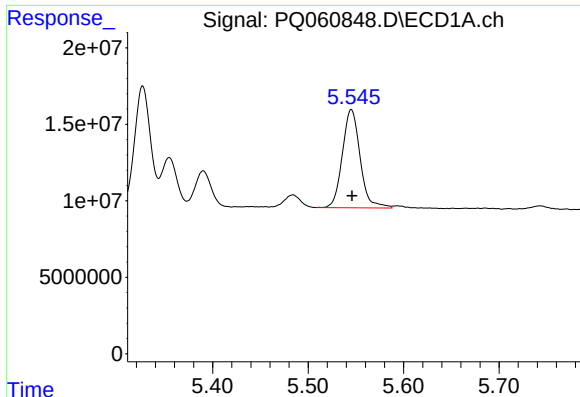
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 92334561
Conc: 290.09 ng/ml



#26 AR-1254-1

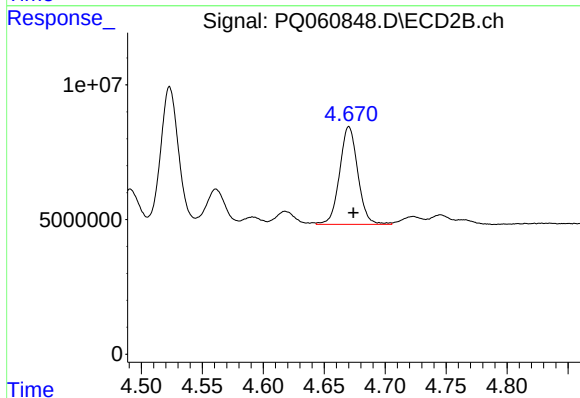
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 51947357
Conc: 223.81 ng/ml



#27 AR-1254-2

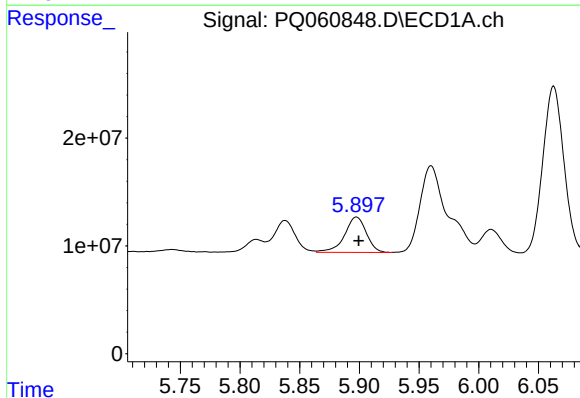
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 82799059
Conc: 168.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



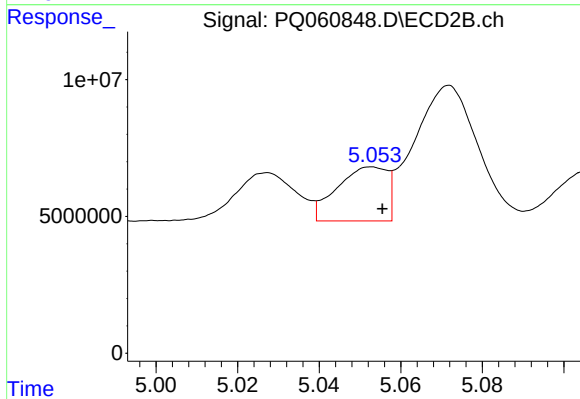
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 37795852
Conc: 180.06 ng/ml



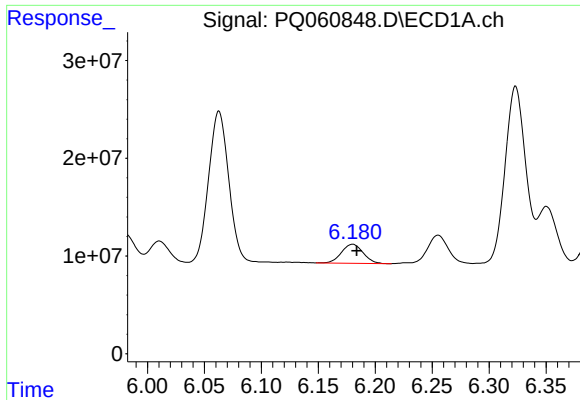
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 41749756
Conc: 82.58 ng/ml



#28 AR-1254-3

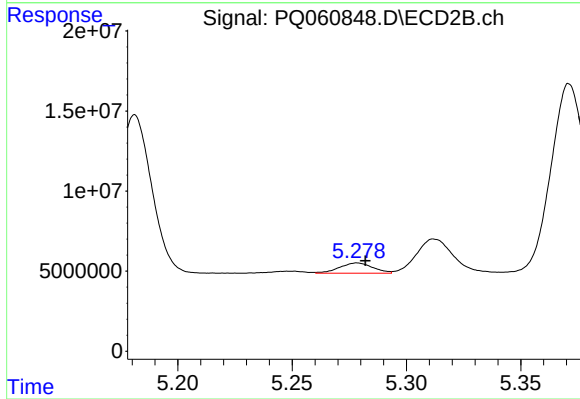
R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 16847938
Conc: 51.04 ng/ml



#29 AR-1254-4

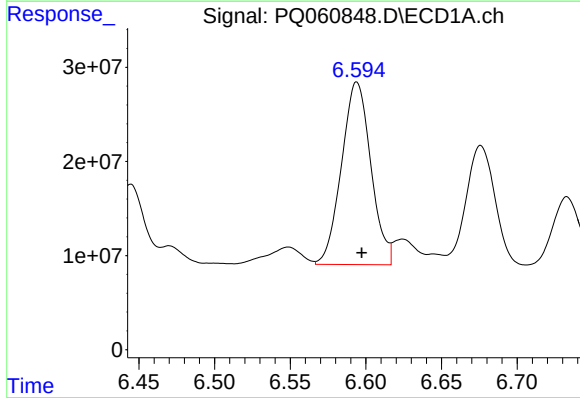
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 25798506
Conc: 68.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



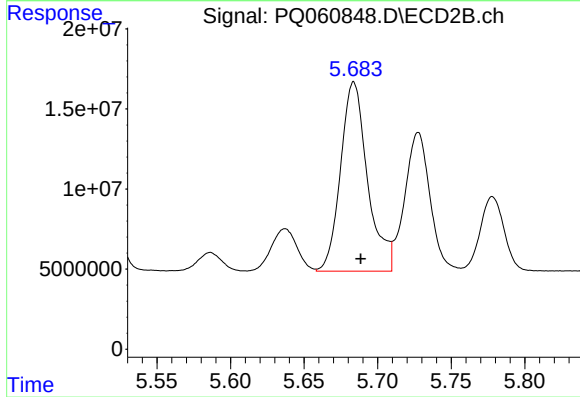
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 6473044
Conc: 30.92 ng/ml



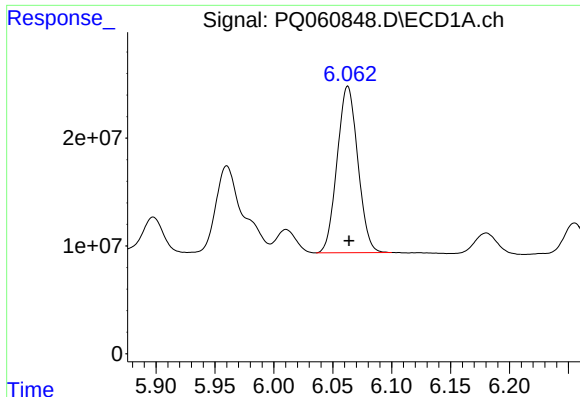
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 261896755
Conc: 619.34 ng/ml



#30 AR-1254-5

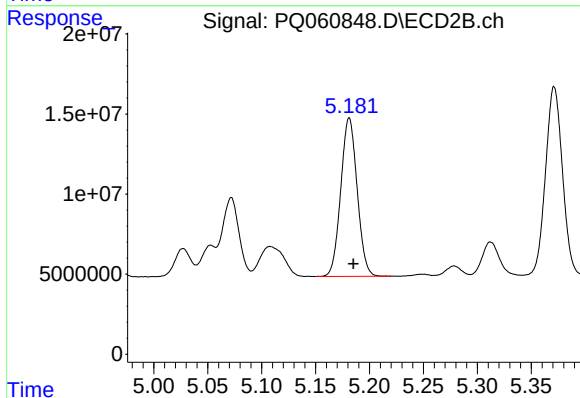
R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 150753774
Conc: 460.94 ng/ml



#31 AR-1260-1

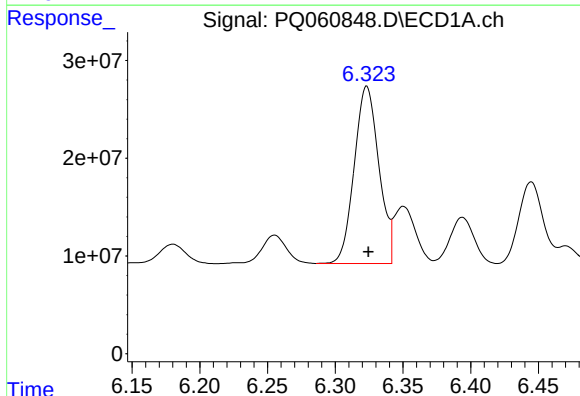
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 189011196
Conc: 491.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



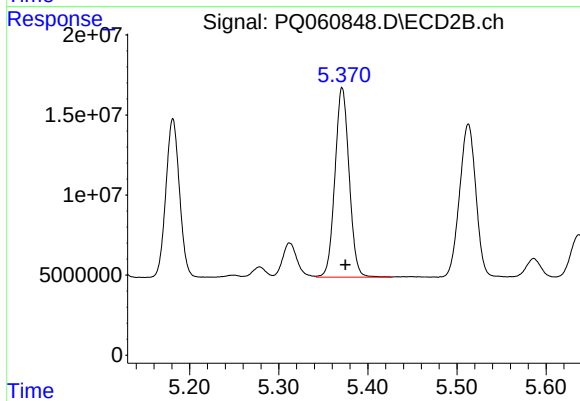
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 104827583
Conc: 452.50 ng/ml



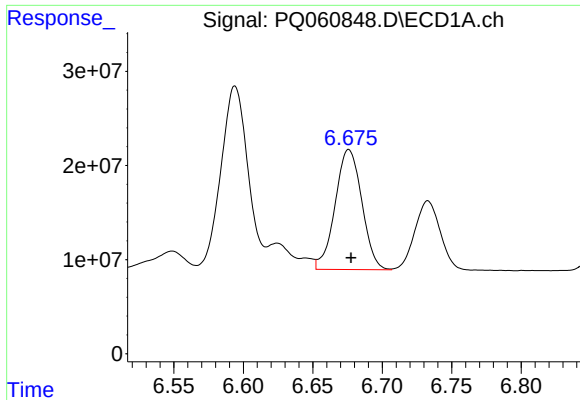
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 229552871
Conc: 501.20 ng/ml



#32 AR-1260-2

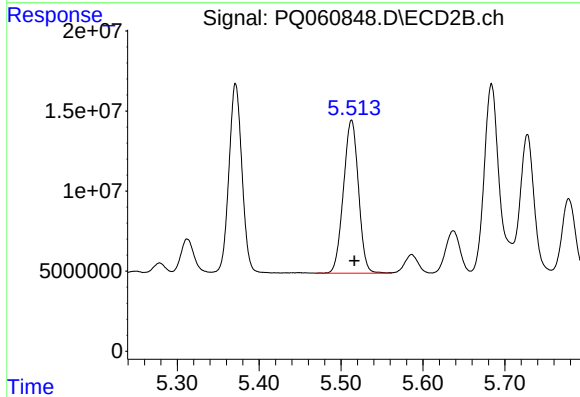
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 130972384
Conc: 457.03 ng/ml



#33 AR-1260-3

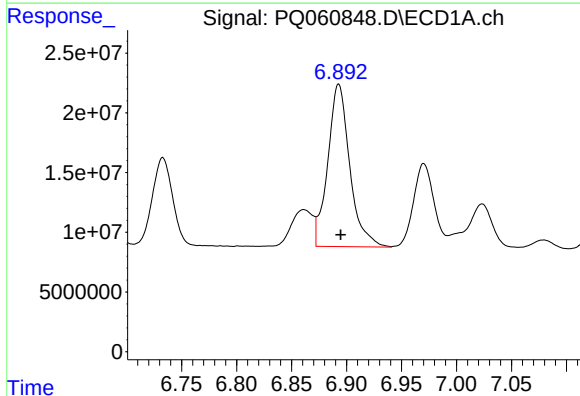
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 170535148
Conc: 589.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



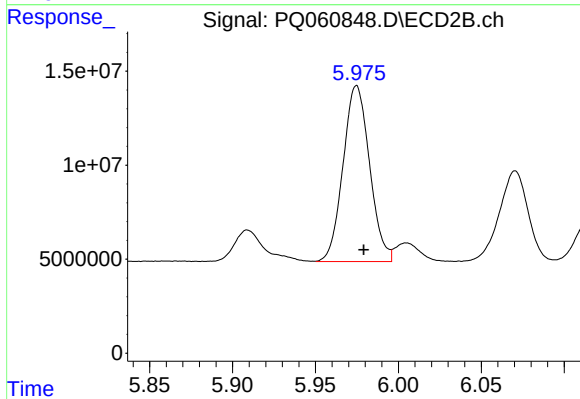
#33 AR-1260-3

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: 121932692
Conc: 447.33 ng/ml



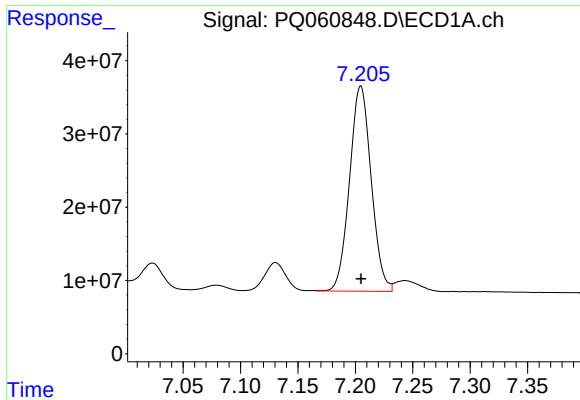
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 189416685
Conc: 550.08 ng/ml



#34 AR-1260-4

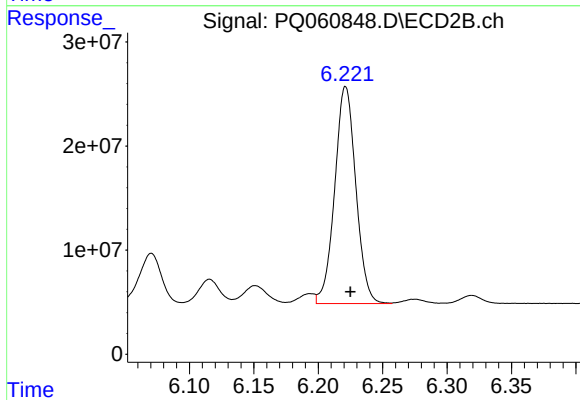
R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 104217016
Conc: 515.37 ng/ml



#35 AR-1260-5

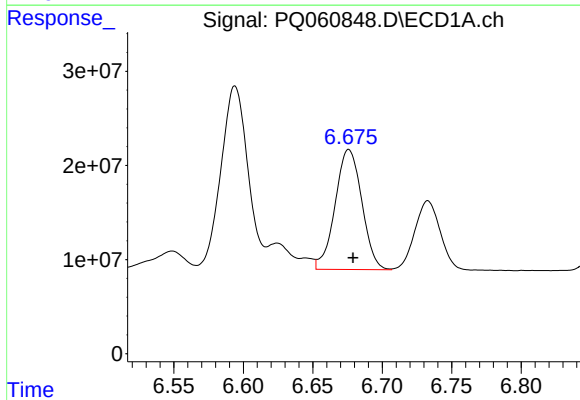
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 368708117
Conc: 564.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



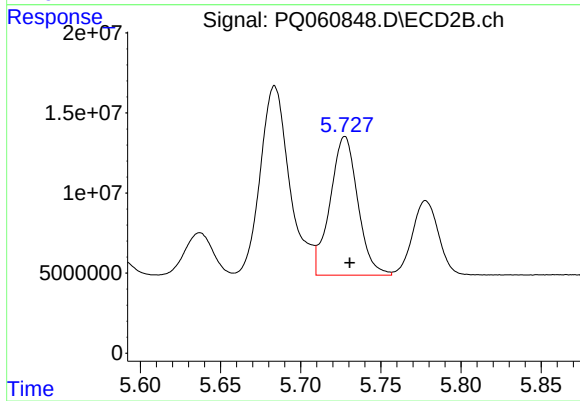
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 238261269
Conc: 514.89 ng/ml



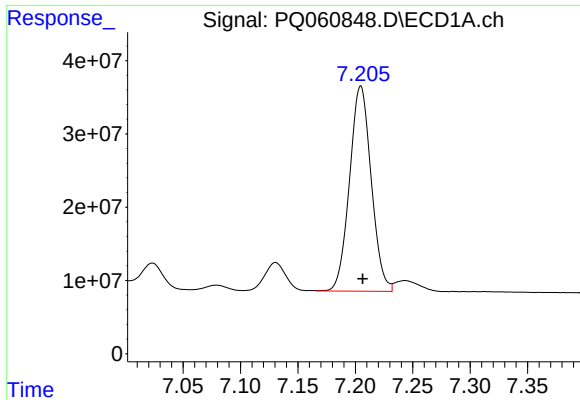
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 170535148
Conc: 358.31 ng/ml



#36 AR-1262-1

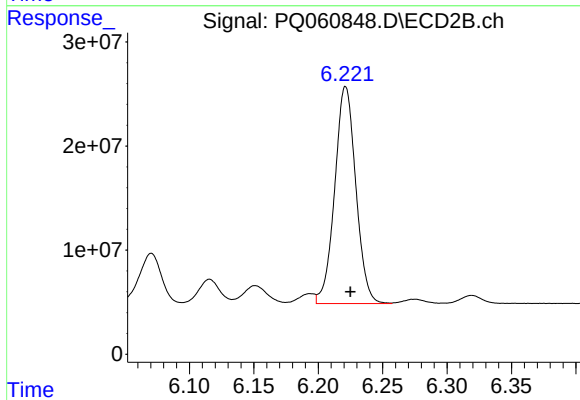
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 104031080
Conc: 327.51 ng/ml



#37 AR-1262-2

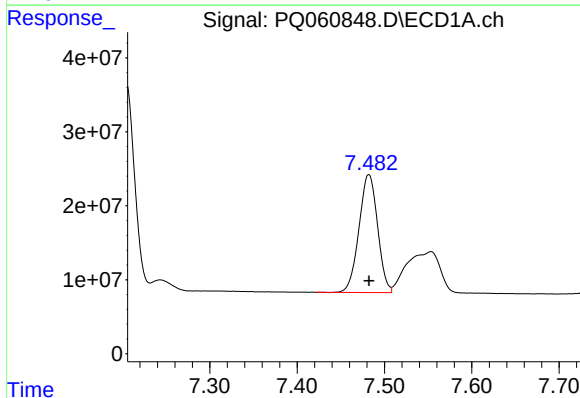
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 368708117
Conc: 471.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



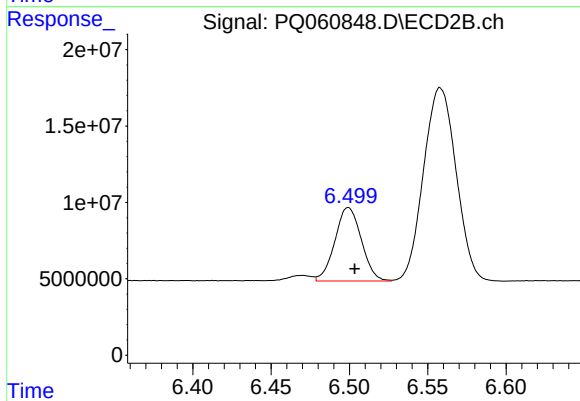
#37 AR-1262-2

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 238261269
Conc: 408.70 ng/ml



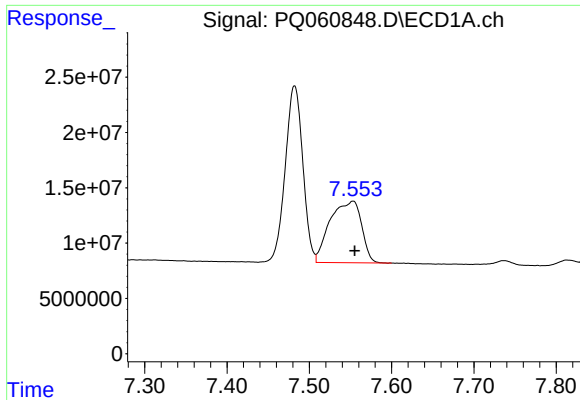
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 235877221
Conc: 448.19 ng/ml



#38 AR-1262-3

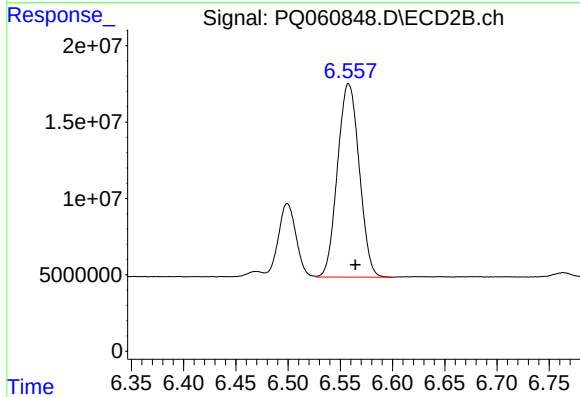
R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 56755433
Conc: 238.67 ng/ml



#39 AR-1262-4

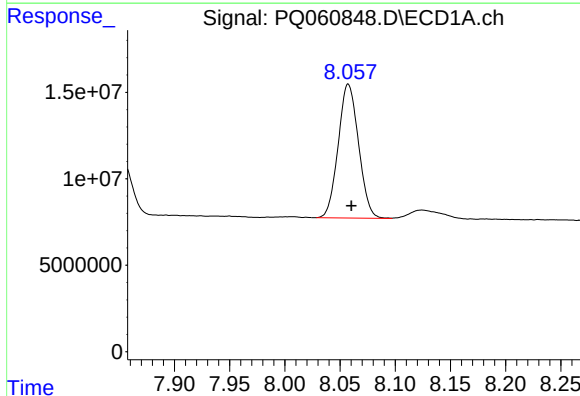
R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 147749497
Conc: 358.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



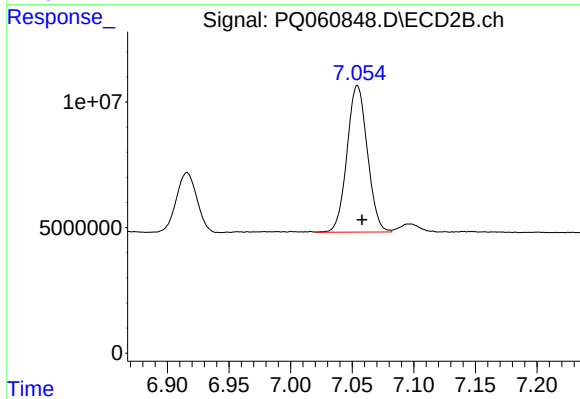
#39 AR-1262-4

R.T.: 6.558 min
Delta R.T.: -0.007 min
Response: 183549973
Conc: 415.07 ng/ml



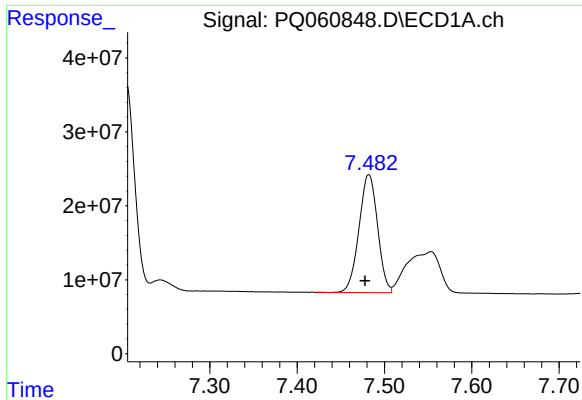
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 99455124
Conc: 367.66 ng/ml



#40 AR-1262-5

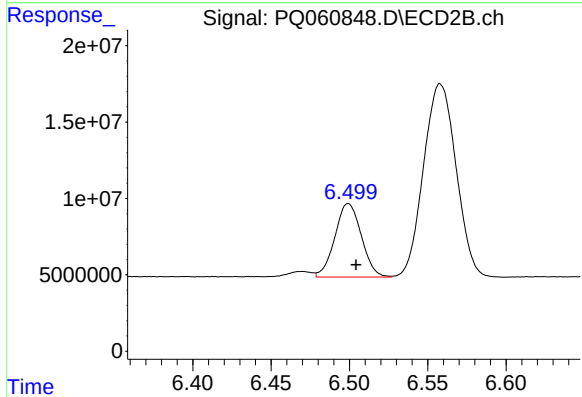
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 67195718
Conc: 317.66 ng/ml



#41 AR-1268-1

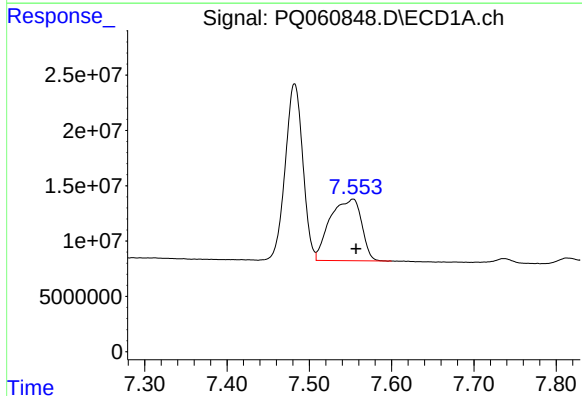
R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 235877221
Conc: 271.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



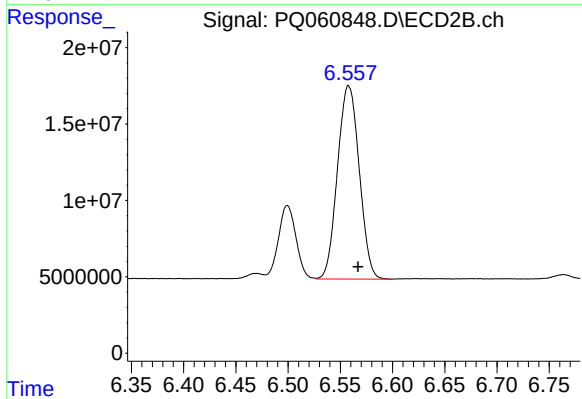
#41 AR-1268-1

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 56755433
Conc: 84.42 ng/ml



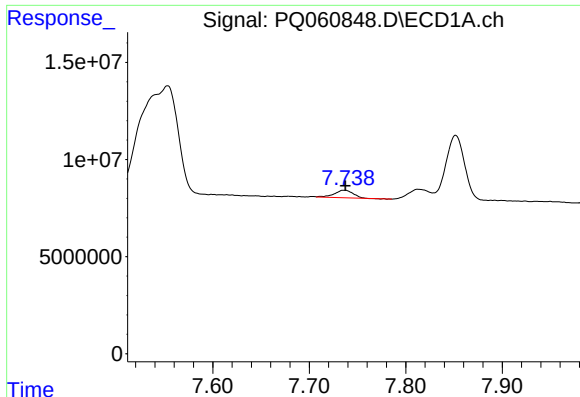
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 147749497
Conc: 186.44 ng/ml



#42 AR-1268-2

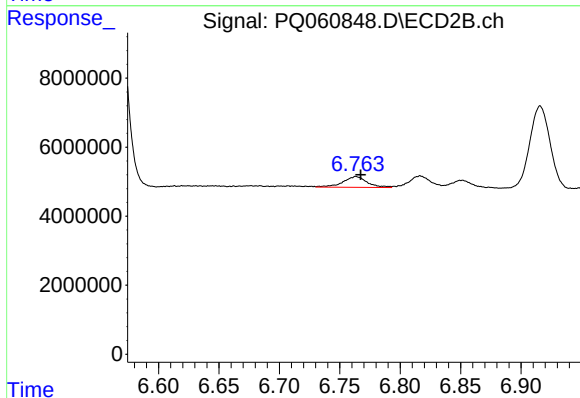
R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 183549973
Conc: 296.93 ng/ml



#43 AR-1268-3

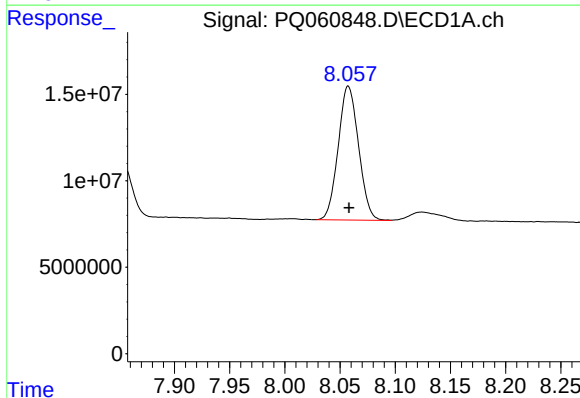
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 5253352
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



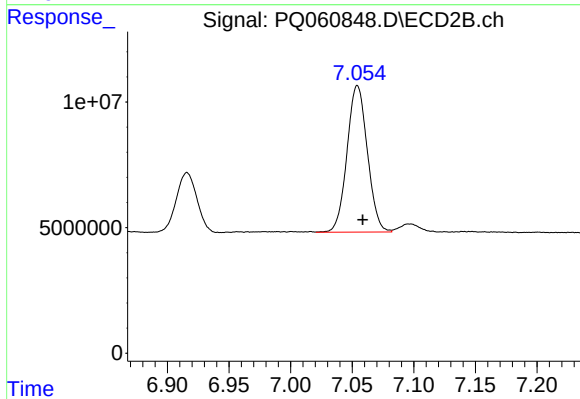
#43 AR-1268-3

R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 4383245
Conc: 8.09 ng/ml



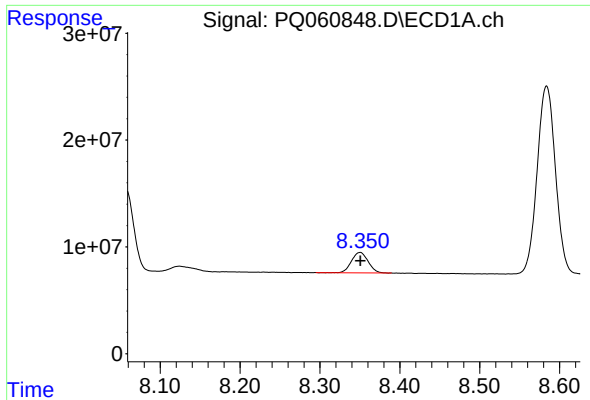
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 99455124
Conc: 337.26 ng/ml



#44 AR-1268-4

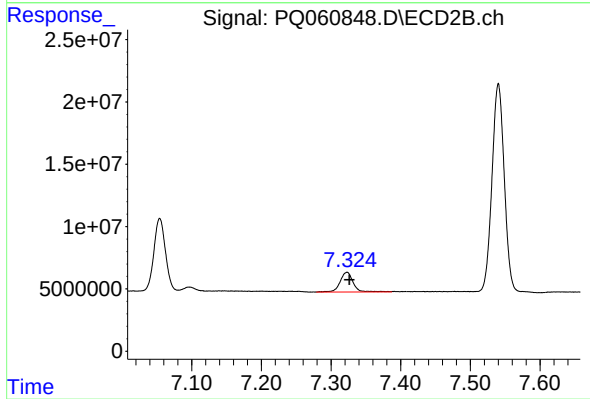
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 67195718
Conc: 288.17 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 27742307
Conc: 14.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 20840890
Conc: 11.92 ng/ml