

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020821\
 Data File : PQ052106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2021 04:28
 Operator : DD\AJ
 Sample : M1324-01 500X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 06:52:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 06:20:03 2021
 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...	5.233	4.247	6417016	2224923	0.258	0.258
2)	SA Decachlor...	11.438	0.000	709.2E6	0	41.105	N.D. #
Target Compounds							
3)	L1 AR-1016-1	6.555	5.508	1494.6E6	604.8E6	1851.780	2058.542
4)	L1 AR-1016-2	6.580	5.529	1767.2E6	505.8E6	1474.879	1208.624
5)	L1 AR-1016-3	6.645	5.723	1121.3E6	633.9E6	1555.667	2916.074 #
6)	L1 AR-1016-4	6.752	5.772	1587.7E6	15726.4E6	2641.771	91347.053 #
7)	L1 AR-1016-5	7.070	6.003	34624.0E6	14136.6E6	59904.955	65568.297
10)	L2 AR-1221-3	5.671	4.695	3988316	1262655	6.927	6.059
11)	L3 AR-1232-1	5.671	4.695	3988316	1262655	8.761	8.005
12)	L3 AR-1232-2	6.260	5.529	161.2E6	505.8E6	697.063	3127.898 #
13)	L3 AR-1232-3	6.580	5.723	1767.2E6	633.9E6	3816.887	7654.241 #
14)	L3 AR-1232-4	6.752	5.817	1587.7E6	5681.3E6	6870.789	80828.532 #
15)	L3 AR-1232-5	6.852	6.003	36013.6E6	14136.6E6	215520.170	186778.877
16)	L4 AR-1242-1	6.555	5.508	1494.6E6	604.8E6	2765.538	3055.568
17)	L4 AR-1242-2	6.580	5.529	1767.2E6	505.8E6	2190.818	1827.700
18)	L4 AR-1242-3	6.645	5.723	1121.3E6	633.9E6	2307.280	4384.333 #
19)	L4 AR-1242-4	6.752	5.817	1587.7E6	5681.3E6	3913.897	41312.269 #
20)	L4 AR-1242-5	7.543	6.393	45956.0E6	45217.6E6	107394.293	253995.045 #
21)	L5 AR-1248-1	6.555	5.508	1494.6E6	604.8E6	3046.685	3423.980
22)	L5 AR-1248-2	6.852	5.772	36013.6E6	15726.4E6	51750.053	65320.034 #
23)	L5 AR-1248-3	7.070	5.817	34624.0E6	5681.3E6	43396.891	22947.867 #
24)	L5 AR-1248-4	7.510	6.003	91579.8E6	14136.6E6	102921.040	47227.771 #
25)	L5 AR-1248-5	7.543	6.426	45956.0E6	18006.3E6	52201.579	61207.552
26)	L6 AR-1254-1	0.000	6.393	0	45217.6E6	N.D.	91614.839 #
27)	L6 AR-1254-2	7.715f	6.553	70845.8E6	47730.9E6	48601.725	112683.025 #
28)	L6 AR-1254-3	8.097f	6.980f	179729.8E6	66983.6E6	115893.987	97388.726
29)	L6 AR-1254-4	8.383	7.213	68176.2E6	53079.8E6	64669.349	132371.170 #
31)	L7 AR-1260-1	8.260f	7.113	134380.2E6	64055.8E6	136881.133	161099.543
32)	L7 AR-1260-2	8.517	7.305	74901.2E6	50192.1E6	64350.055	101596.662 #
33)	L7 AR-1260-3	8.867	7.458	149057.2E6	49639.2E6	175944.639	108202.842 #
34)	L7 AR-1260-4	9.120	7.935	77566.2E6	23433.5E6	79118.669	61263.228
35)	L7 AR-1260-5	9.460	8.183	83665.3E6	73259.5E6	42557.690	78706.057 #
36)	L8 AR-1262-1	8.867	0.000	149057.2E6	0	109480.409	N.D. #
37)	L8 AR-1262-2	9.460	8.183	83665.3E6	73259.5E6	34537.223	65364.186 #
38)	L8 AR-1262-3	9.820f	8.466	68459.7E6	4385.2E6	66342.839	10150.150 #
39)	L8 AR-1262-4	9.872f	8.530	40222.1E6	43206.0E6	33986.695	54027.591 #
40)	L8 AR-1262-5	10.607	9.032	13316.3E6	5731.4E6	16592.948	16453.756
41)	L9 AR-1268-1	9.820f	8.466	68459.7E6	4385.2E6	25176.067	3515.510 #
42)	L9 AR-1268-2	9.872f	8.530	40222.1E6	43206.0E6	16262.253	37556.858 #
43)	L9 AR-1268-3	10.138	8.741	1137.1E6	265.4E6	536.873	271.746 #
44)	L9 AR-1268-4	10.607	9.032	13316.3E6	5731.4E6	15788.289	15674.666

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020821\
 Data File : PQ052106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2021 04:28
 Operator : DD\AJ
 Sample : M1324-01 500X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 06:52:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 06:20:03 2021
 Response via : Initial Calibration
 Integrator: ChemStation

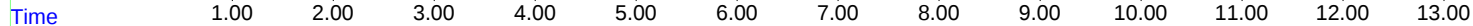
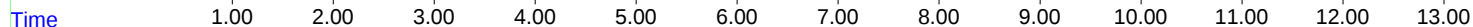
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

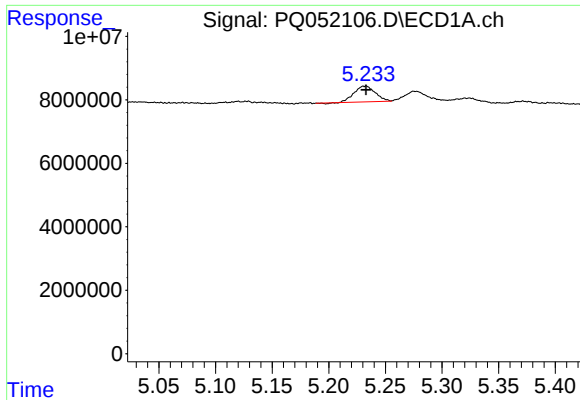
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.057	9.332	2460.5E6	1143.1E6	363.149	393.420

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

Instrument :
ECD_Q
ClientSampleId :

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

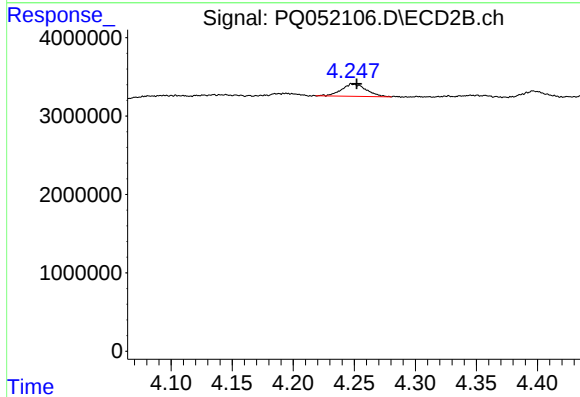




#1 Tetrachloro-m-xylene

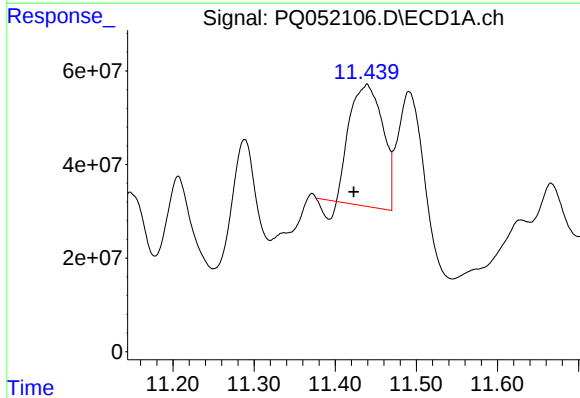
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 6417016
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



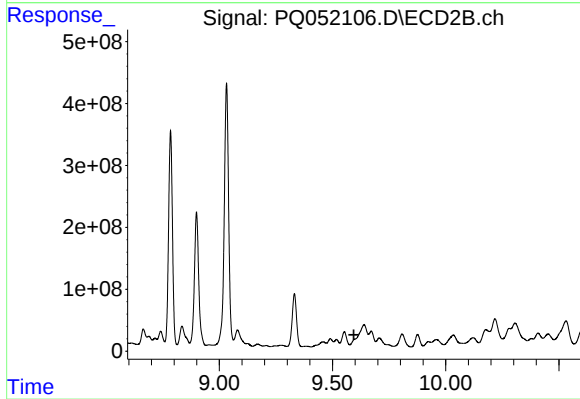
#1 Tetrachloro-m-xylene

R.T.: 4.247 min
Delta R.T.: -0.004 min
Response: 2224923
Conc: 0.26 ng/ml



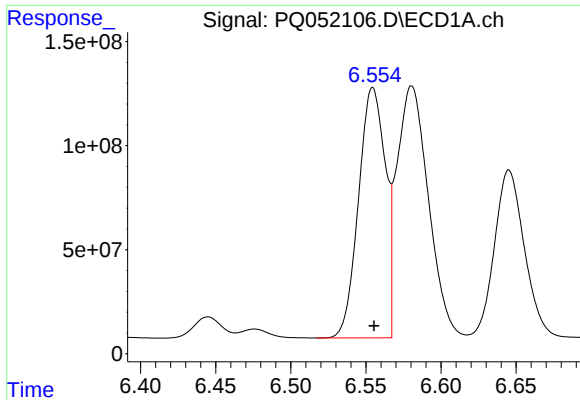
#2 Decachlorobiphenyl

R.T.: 11.438 min
Delta R.T.: 0.015 min
Response: 709192401
Conc: 41.10 ng/ml



#2 Decachlorobiphenyl

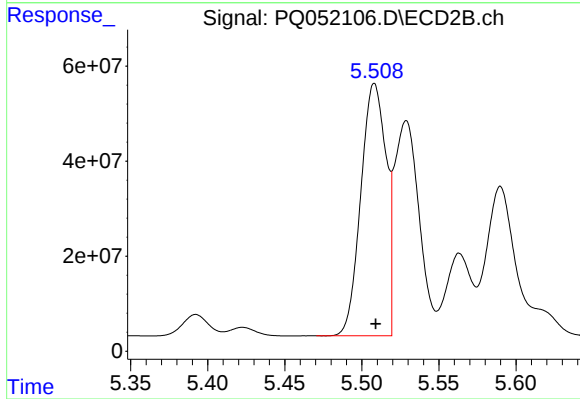
R.T.: 0.000 min
Exp R.T.: 9.595 min
Response: 0
Conc: N.D.



#3 AR-1016-1

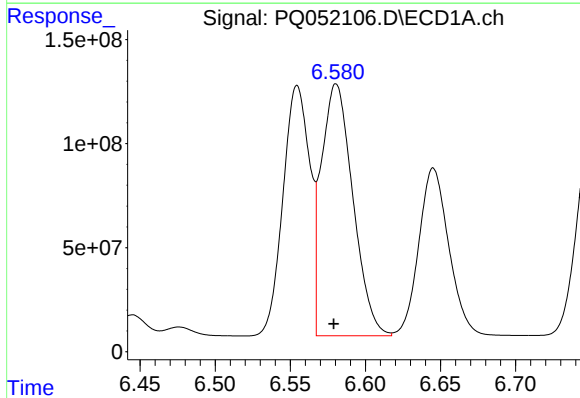
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 1494621937
Conc: 1851.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



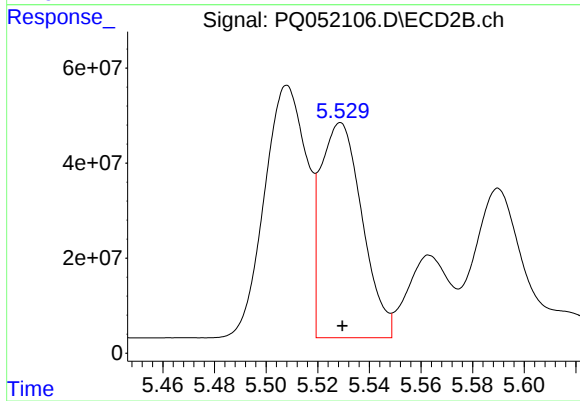
#3 AR-1016-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 604847933
Conc: 2058.54 ng/ml



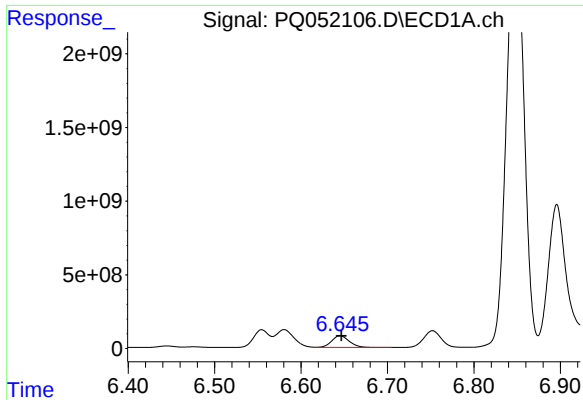
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 1767229453
Conc: 1474.88 ng/ml



#4 AR-1016-2

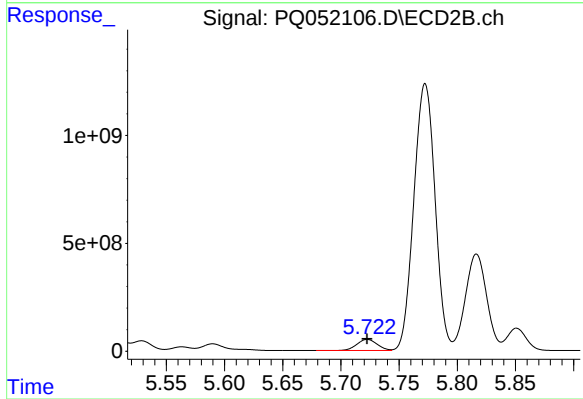
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 505802319
Conc: 1208.62 ng/ml



#5 AR-1016-3

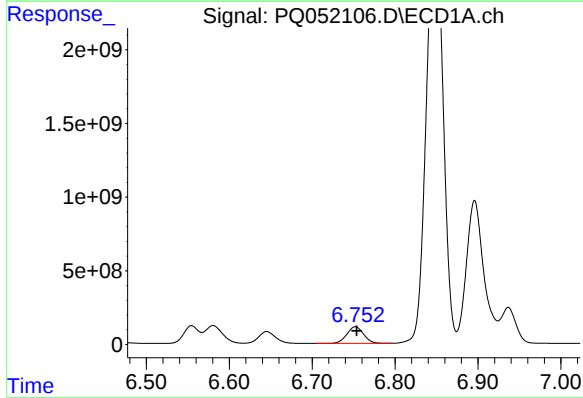
R.T.: 6.645 min
Delta R.T.: -0.002 min
Response: 1121315993
Conc: 1555.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



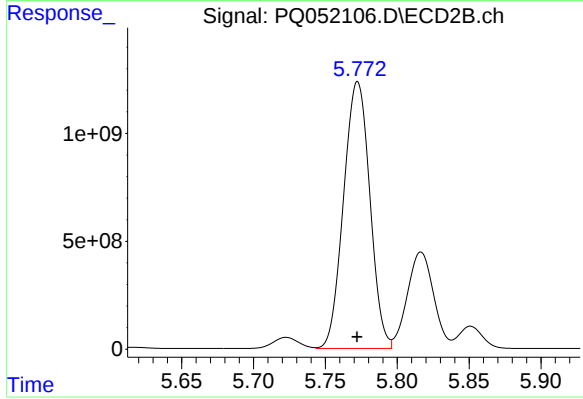
#5 AR-1016-3

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 633859979
Conc: 2916.07 ng/ml



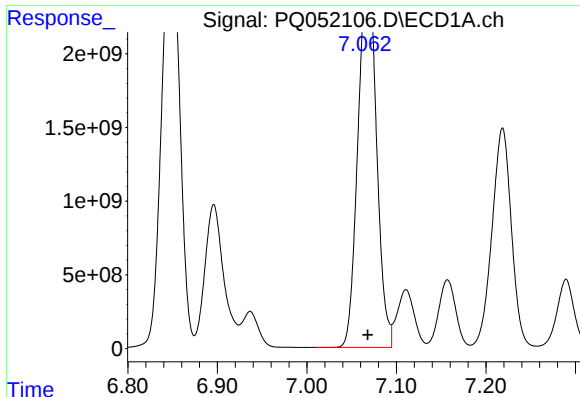
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 1587663657
Conc: 2641.77 ng/ml



#6 AR-1016-4

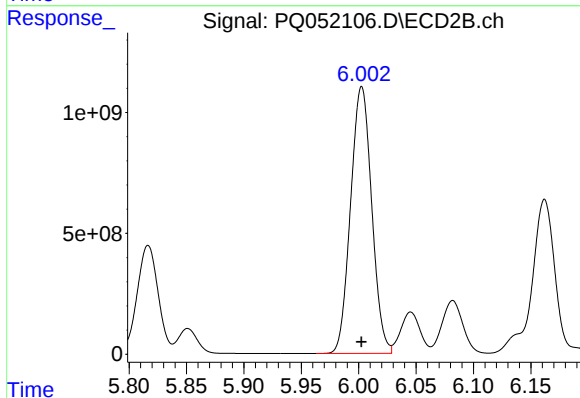
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 15726400410
Conc: 91347.05 ng/ml



#7 AR-1016-5

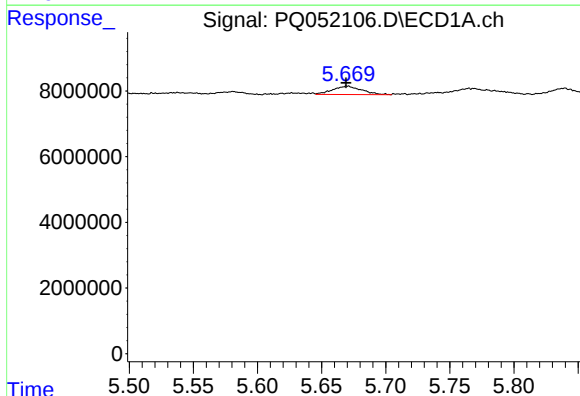
R.T.: 7.070 min
Delta R.T.: 0.002 min
Response: 34624046541
Conc: 59904.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



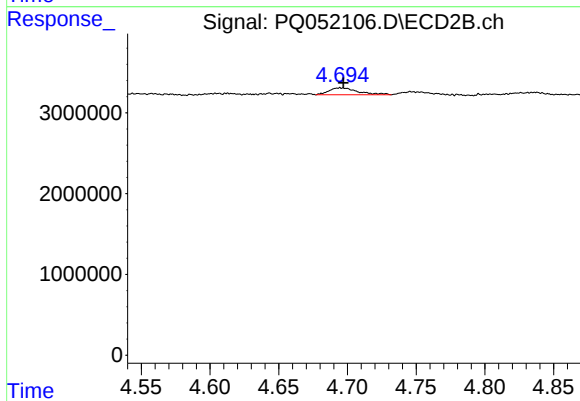
#7 AR-1016-5

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 14136634323
Conc: 65568.30 ng/ml



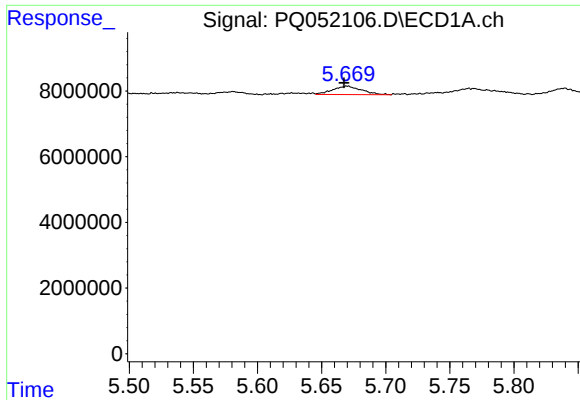
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 3988316
Conc: 6.93 ng/ml



#10 AR-1221-3

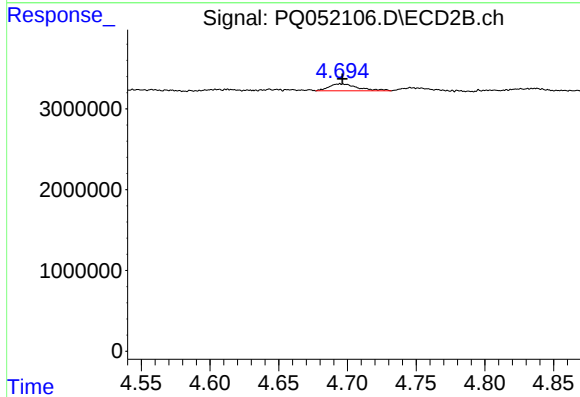
R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 1262655
Conc: 6.06 ng/ml



#11 AR-1232-1

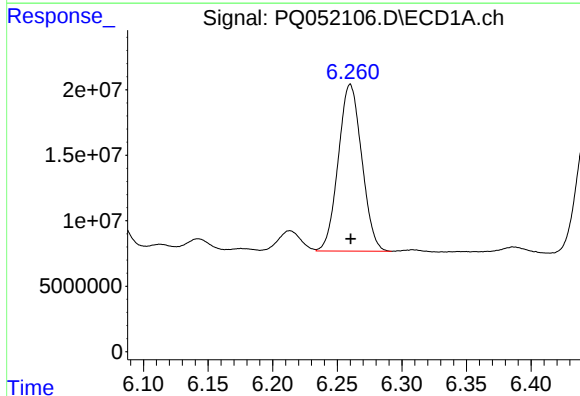
R.T.: 5.671 min
Delta R.T.: 0.003 min
Response: 3988316
Conc: 8.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



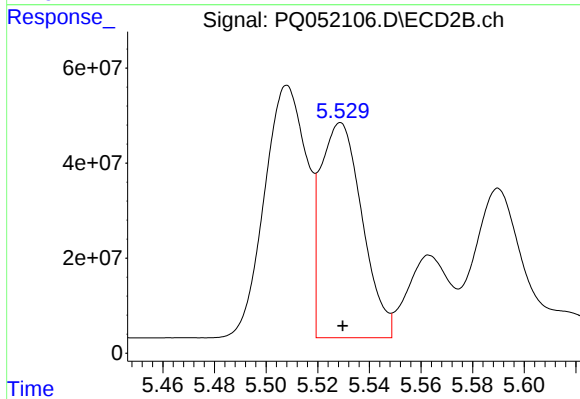
#11 AR-1232-1

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 1262655
Conc: 8.00 ng/ml



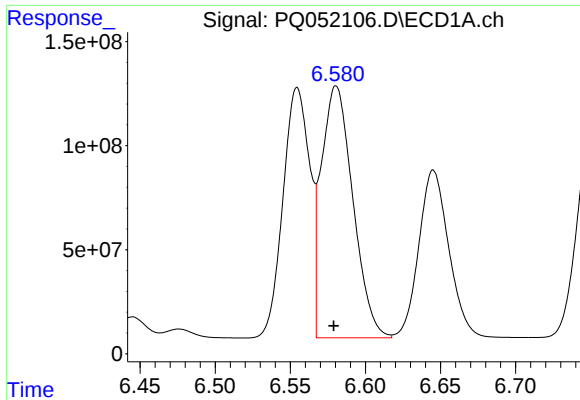
#12 AR-1232-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 161222415
Conc: 697.06 ng/ml



#12 AR-1232-2

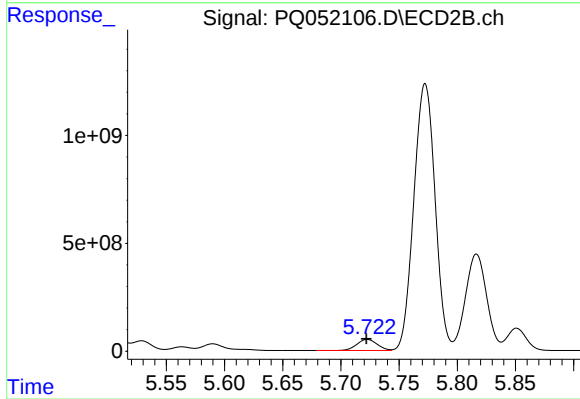
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 505802319
Conc: 3127.90 ng/ml



#13 AR-1232-3

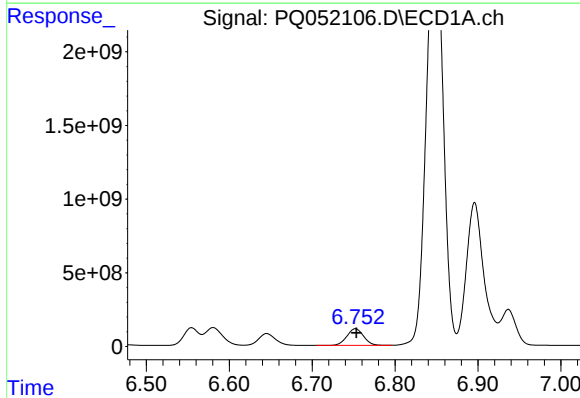
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 1767229453
Conc: 3816.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



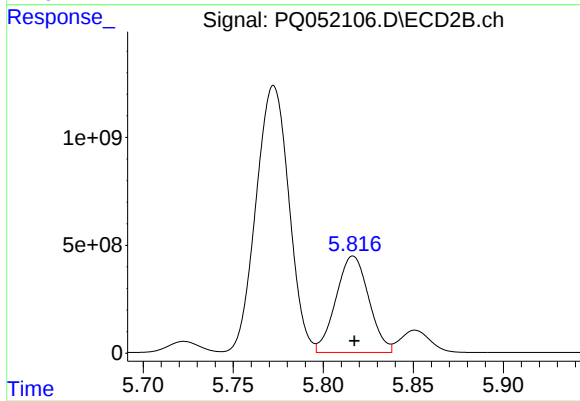
#13 AR-1232-3

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 633859979
Conc: 7654.24 ng/ml



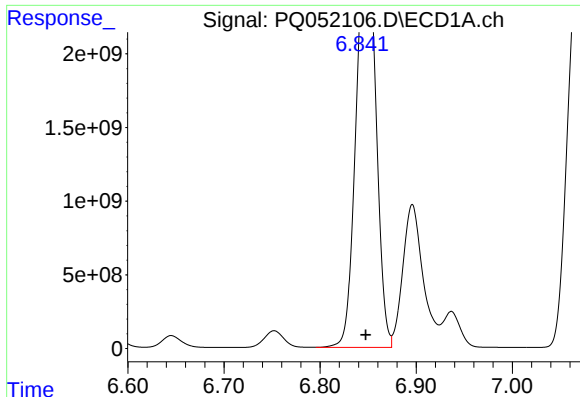
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 1587663657
Conc: 6870.79 ng/ml



#14 AR-1232-4

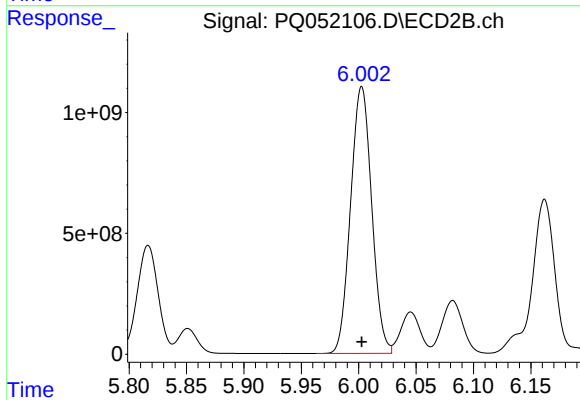
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 5681266786
Conc: 80828.53 ng/ml



#15 AR-1232-5

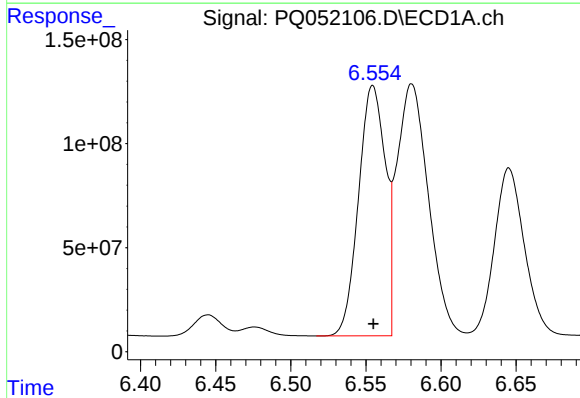
R.T.: 6.852 min
Delta R.T.: 0.005 min
Response: 36013567126
Conc: 215520.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



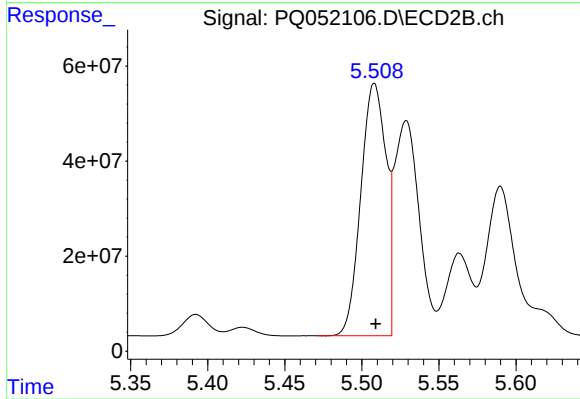
#15 AR-1232-5

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 14136634323
Conc: 186778.88 ng/ml



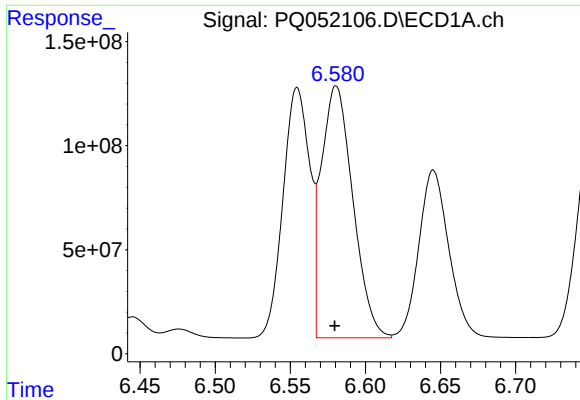
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 1494621937
Conc: 2765.54 ng/ml



#16 AR-1242-1

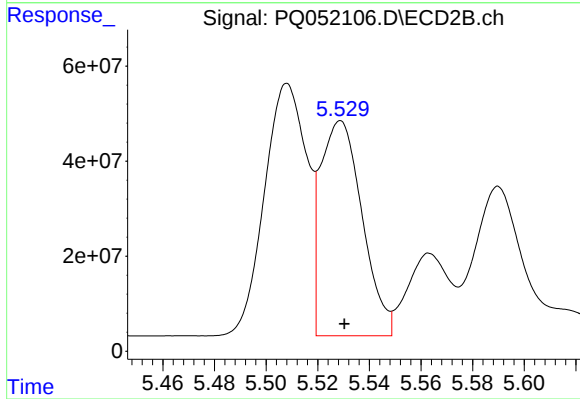
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 604847933
Conc: 3055.57 ng/ml



#17 AR-1242-2

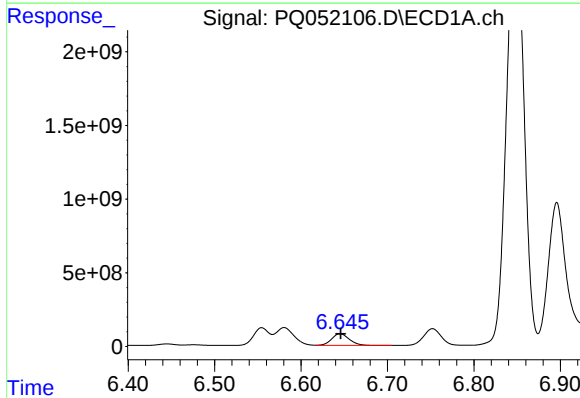
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 1767229453
Conc: 2190.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



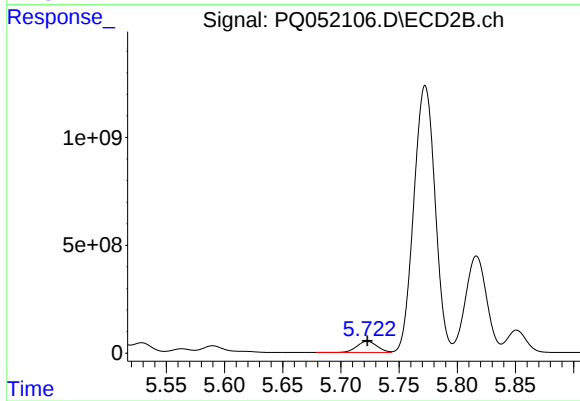
#17 AR-1242-2

R.T.: 5.529 min
Delta R.T.: -0.001 min
Response: 505802319
Conc: 1827.70 ng/ml



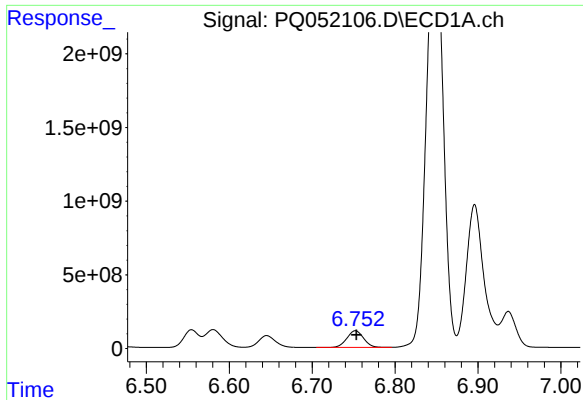
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 1121315993
Conc: 2307.28 ng/ml



#18 AR-1242-3

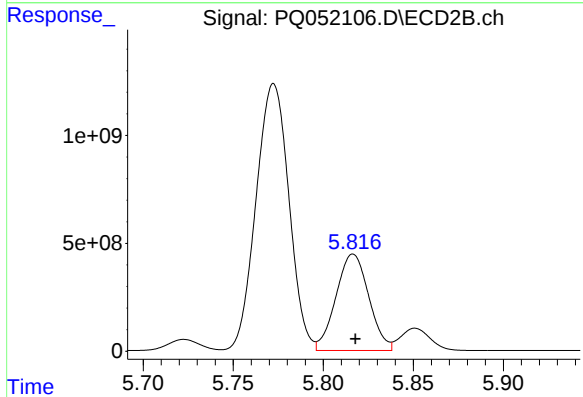
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 633859979
Conc: 4384.33 ng/ml



#19 AR-1242-4

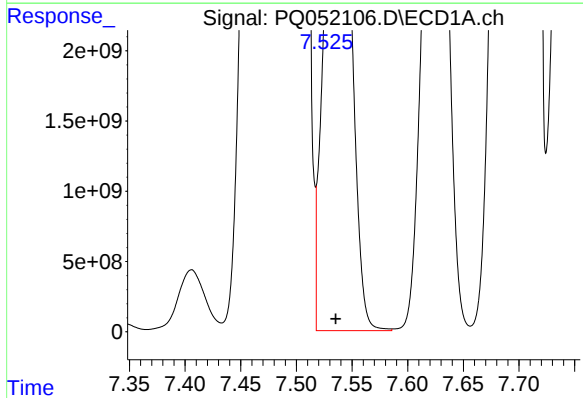
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 1587663657
Conc: 3913.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



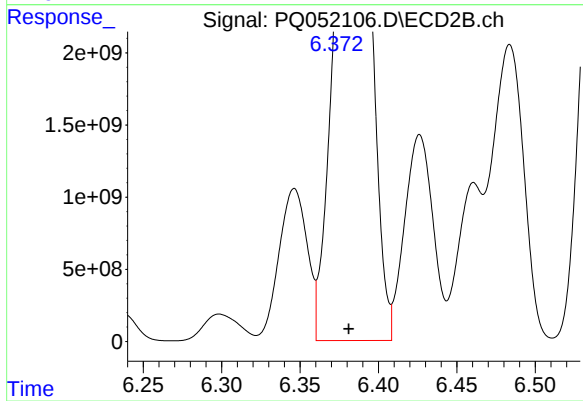
#19 AR-1242-4

R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 5681266786
Conc: 41312.27 ng/ml



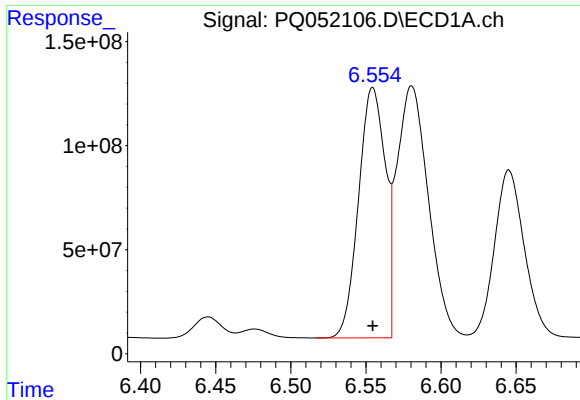
#20 AR-1242-5

R.T.: 7.543 min
Delta R.T.: 0.008 min
Response: 45956040105
Conc: 107394.29 ng/ml



#20 AR-1242-5

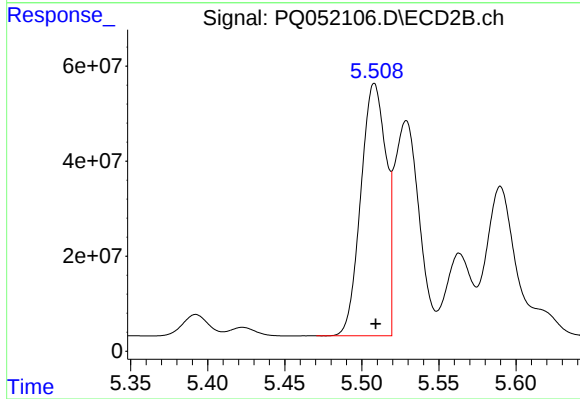
R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 45217560672
Conc: 253995.05 ng/ml



#21 AR-1248-1

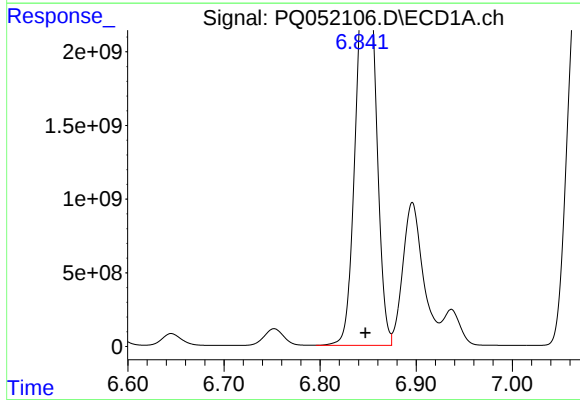
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 1494621937
Conc: 3046.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



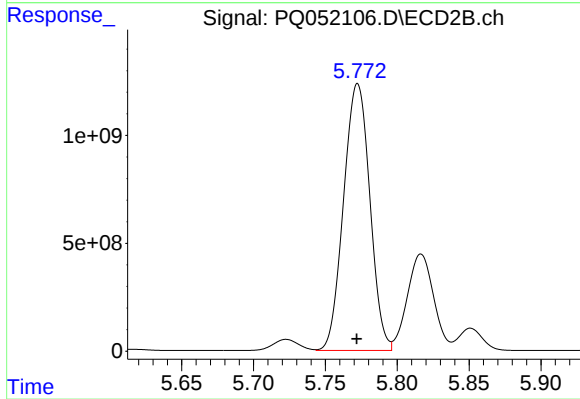
#21 AR-1248-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 604847933
Conc: 3423.98 ng/ml



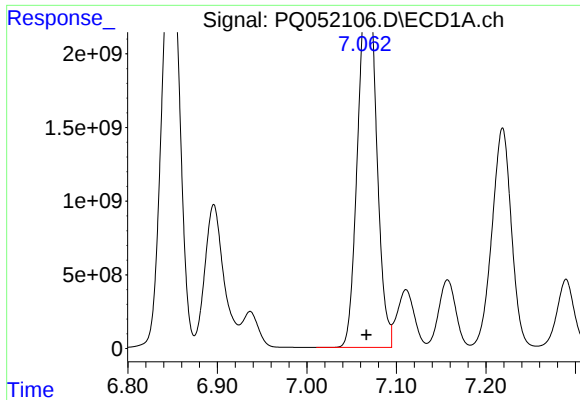
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.005 min
Response: 36013567126
Conc: 51750.05 ng/ml



#22 AR-1248-2

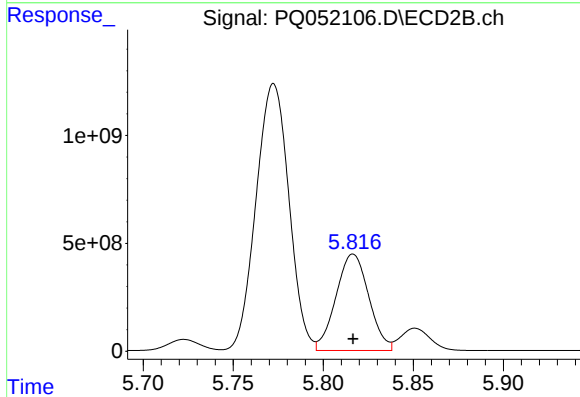
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 15726400410
Conc: 65320.03 ng/ml



#23 AR-1248-3

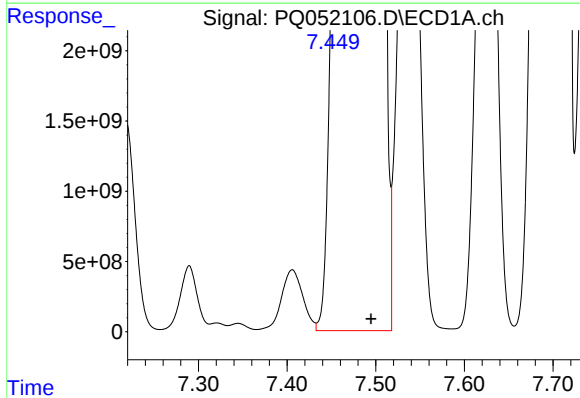
R.T.: 7.070 min
Delta R.T.: 0.003 min
Response: 34624046541
Conc: 43396.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



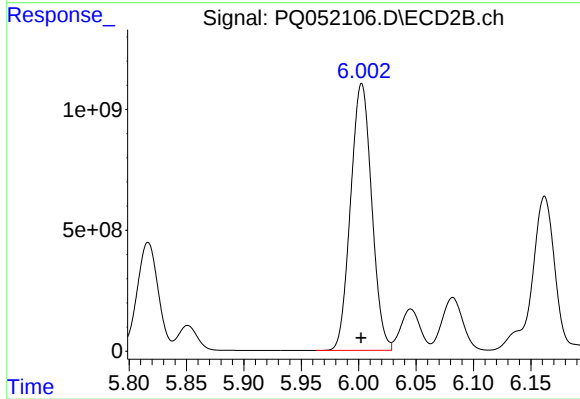
#23 AR-1248-3

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 5681266786
Conc: 22947.87 ng/ml



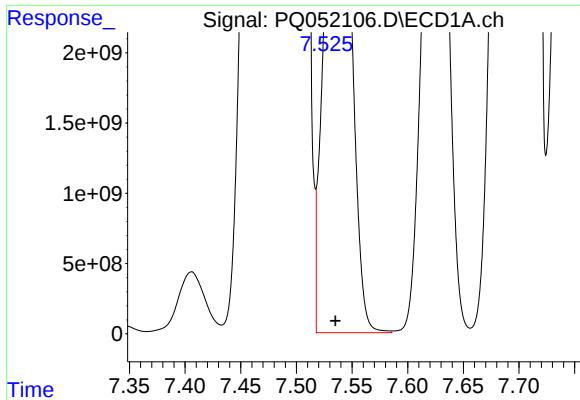
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: 0.015 min
Response: 91579846040
Conc: 102921.04 ng/ml



#24 AR-1248-4

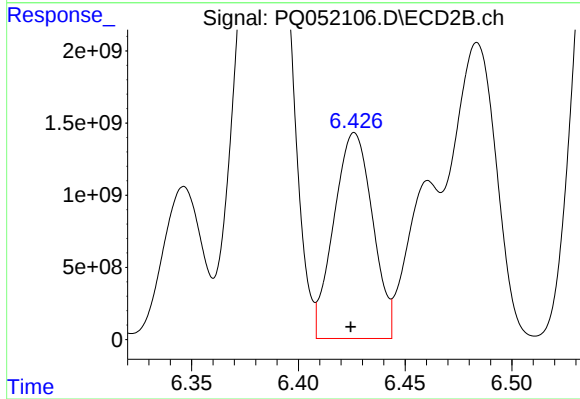
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 14136634323
Conc: 47227.77 ng/ml



#25 AR-1248-5

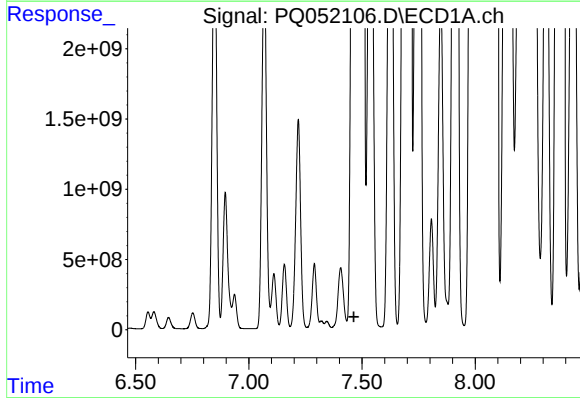
R.T.: 7.543 min
Delta R.T.: 0.008 min
Response: 45956040105
Conc: 52201.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



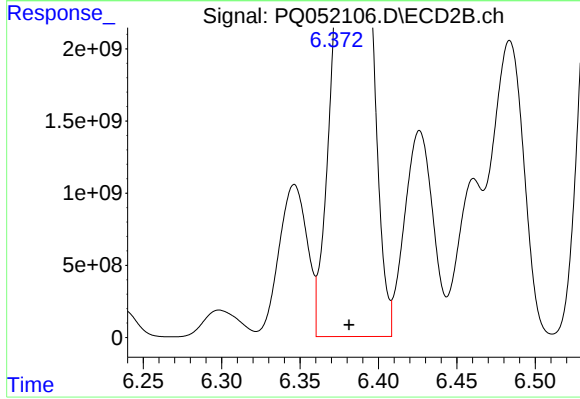
#25 AR-1248-5

R.T.: 6.426 min
Delta R.T.: 0.002 min
Response: 18006331928
Conc: 61207.55 ng/ml



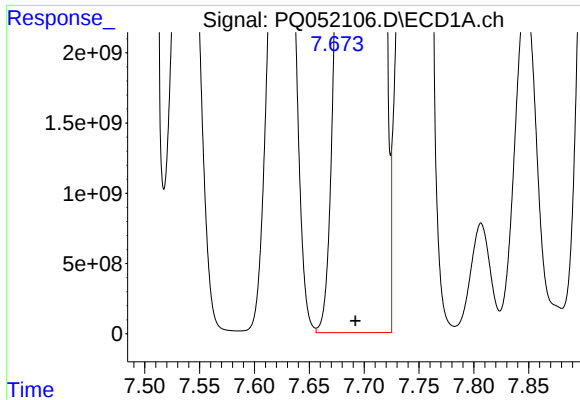
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 7.464 min
Response: 0
Conc: N.D.



#26 AR-1254-1

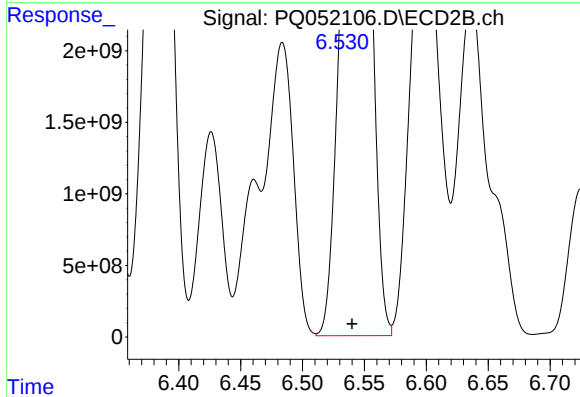
R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 45217560672
Conc: 91614.84 ng/ml



#27 AR-1254-2

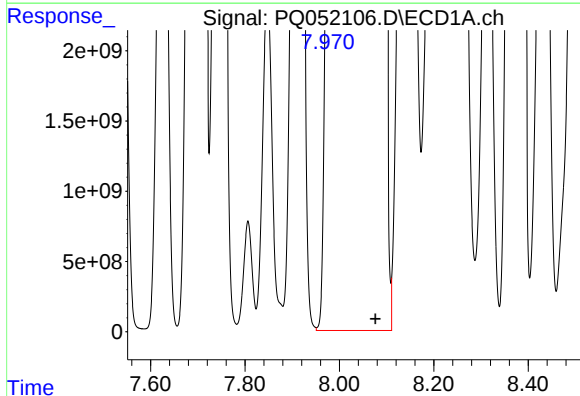
R.T.: 7.715 min
Delta R.T.: 0.023 min
Response: 70845811253
Conc: 48601.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



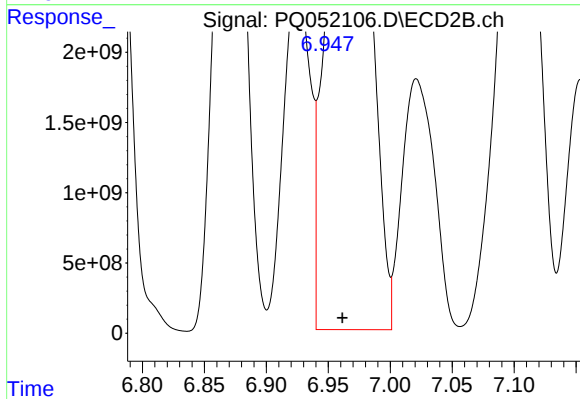
#27 AR-1254-2

R.T.: 6.553 min
Delta R.T.: 0.013 min
Response: 47730912511
Conc: 112683.03 ng/ml



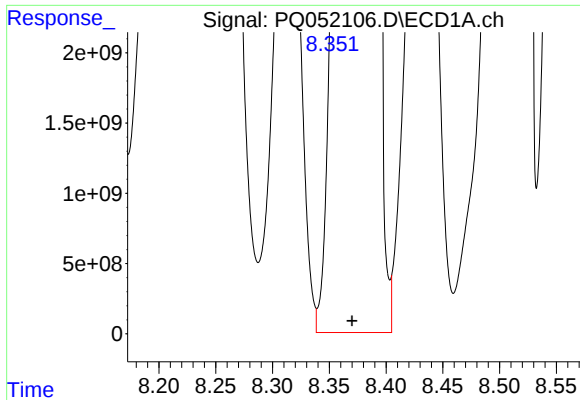
#28 AR-1254-3

R.T.: 8.097 min
Delta R.T.: 0.020 min
Response: 1.7973e+011
Conc: 115893.99 ng/ml



#28 AR-1254-3

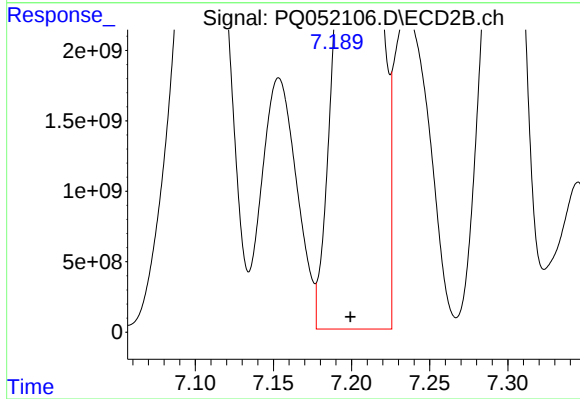
R.T.: 6.980 min
Delta R.T.: 0.019 min
Response: 66983597578
Conc: 97388.73 ng/ml



#29 AR-1254-4

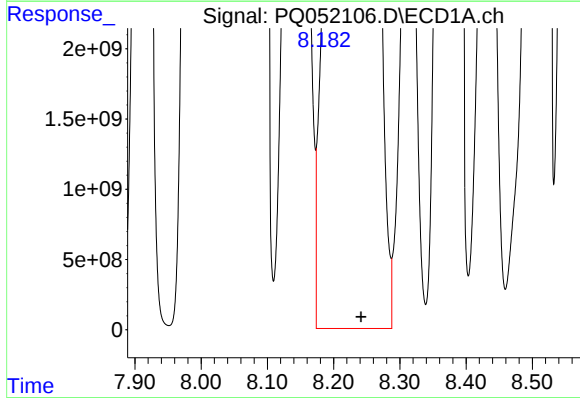
R.T.: 8.383 min
Delta R.T.: 0.013 min
Response: 68176173240
Conc: 64669.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



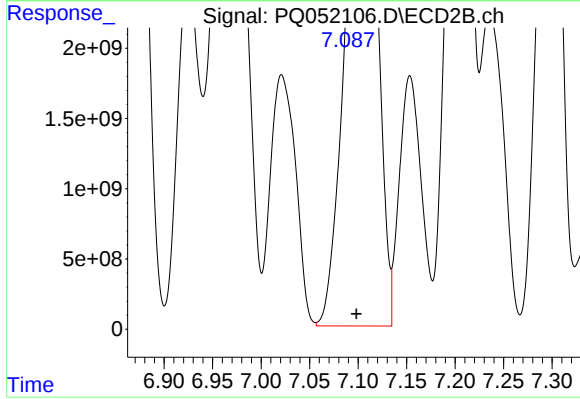
#29 AR-1254-4

R.T.: 7.213 min
Delta R.T.: 0.014 min
Response: 53079832046
Conc: 132371.17 ng/ml



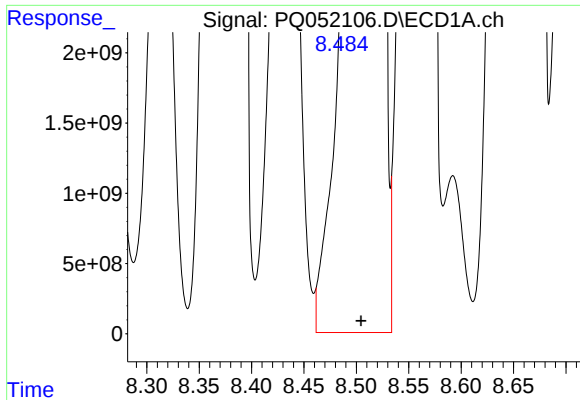
#31 AR-1260-1

R.T.: 8.260 min
Delta R.T.: 0.019 min
Response: 1.3438e+011
Conc: 136881.13 ng/ml



#31 AR-1260-1

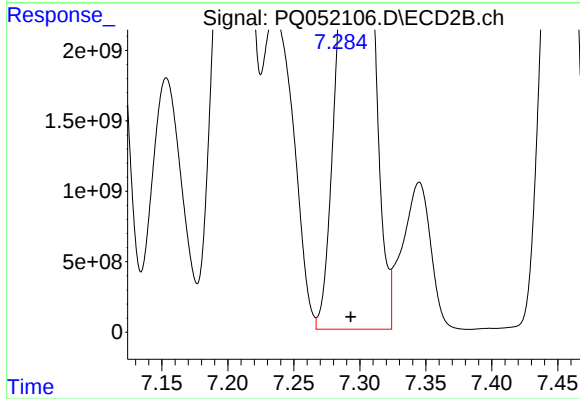
R.T.: 7.113 min
Delta R.T.: 0.015 min
Response: 64055797857
Conc: 161099.54 ng/ml



#32 AR-1260-2

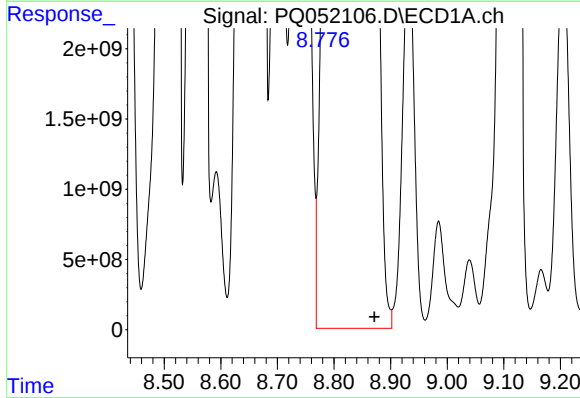
R.T.: 8.517 min
Delta R.T.: 0.012 min
Response: 74901166509
Conc: 64350.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



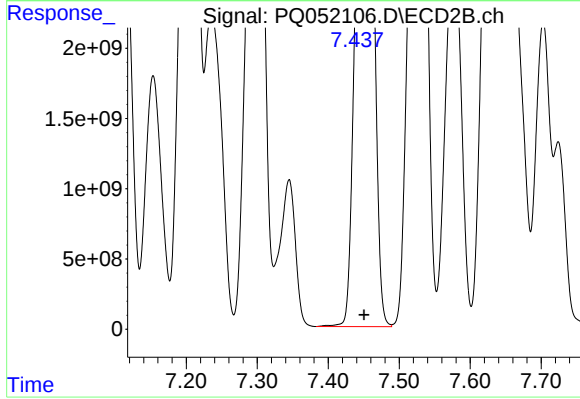
#32 AR-1260-2

R.T.: 7.305 min
Delta R.T.: 0.012 min
Response: 50192100077
Conc: 101596.66 ng/ml



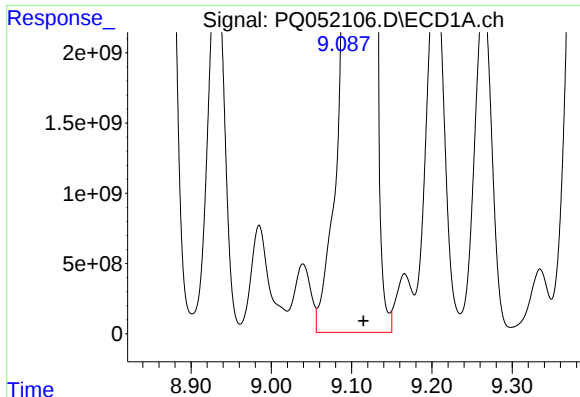
#33 AR-1260-3

R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 1.49057e+011
Conc: 175944.64 ng/ml



#33 AR-1260-3

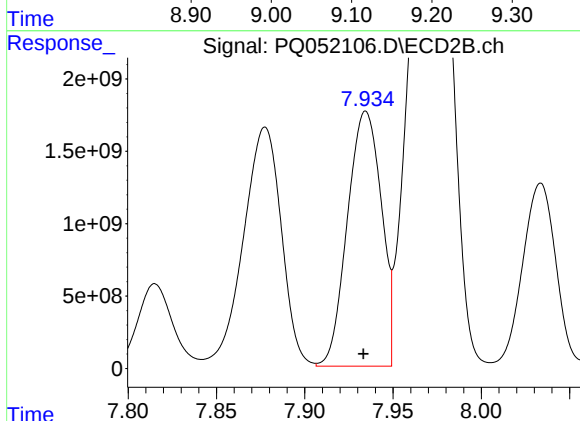
R.T.: 7.458 min
Delta R.T.: 0.008 min
Response: 49639156378
Conc: 108202.84 ng/ml



#34 AR-1260-4

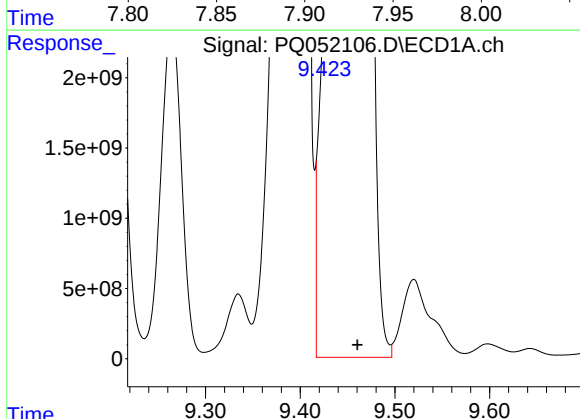
R.T.: 9.120 min
Delta R.T.: 0.005 min
Response: 77566172791
Conc: 79118.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



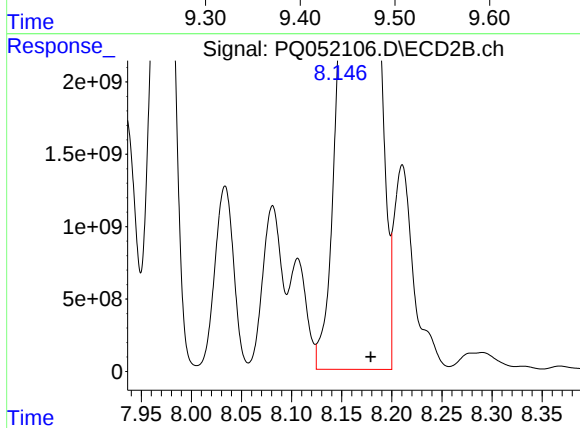
#34 AR-1260-4

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 23433541114
Conc: 61263.23 ng/ml



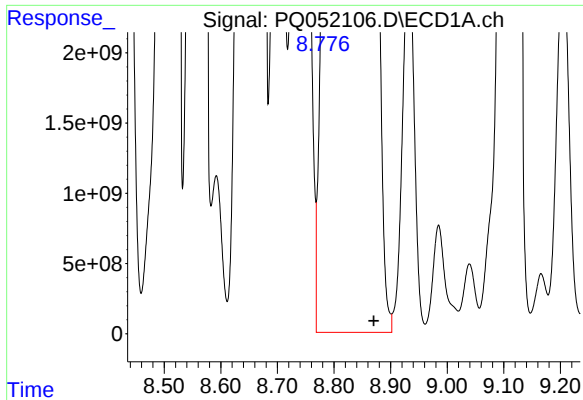
#35 AR-1260-5

R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 83665345579
Conc: 42557.69 ng/ml



#35 AR-1260-5

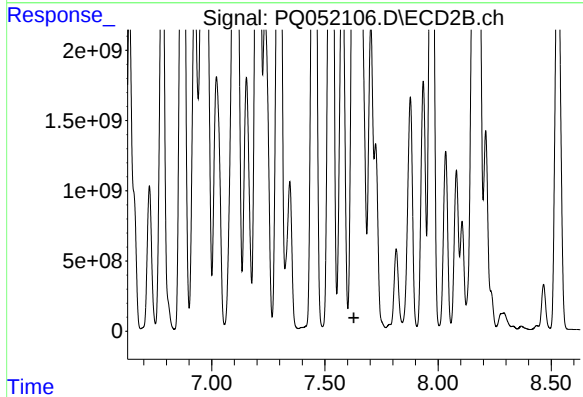
R.T.: 8.183 min
Delta R.T.: 0.004 min
Response: 73259453622
Conc: 78706.06 ng/ml



#36 AR-1262-1

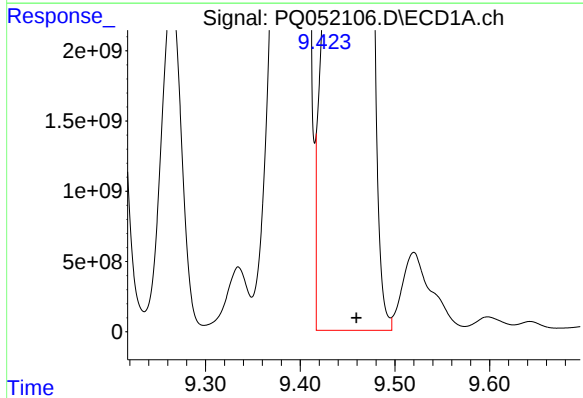
R.T.: 8.867 min
Delta R.T.: -0.004 min
Response: 1.49057e+011
Conc: 109480.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



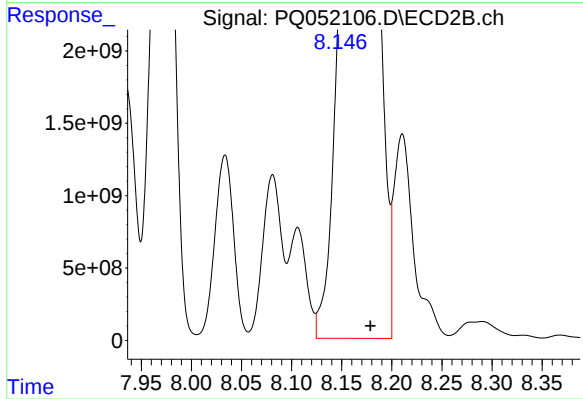
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.628 min
Response: 0
Conc: N.D.



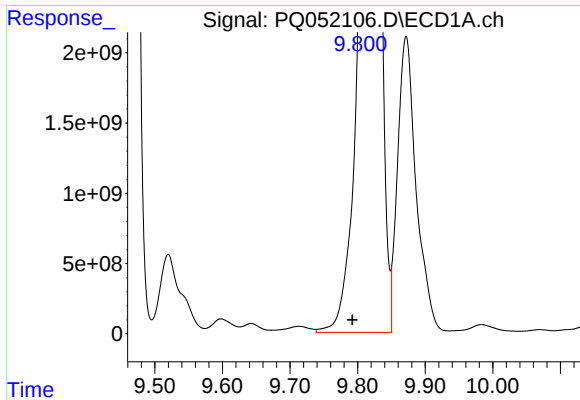
#37 AR-1262-2

R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 83665345579
Conc: 34537.22 ng/ml



#37 AR-1262-2

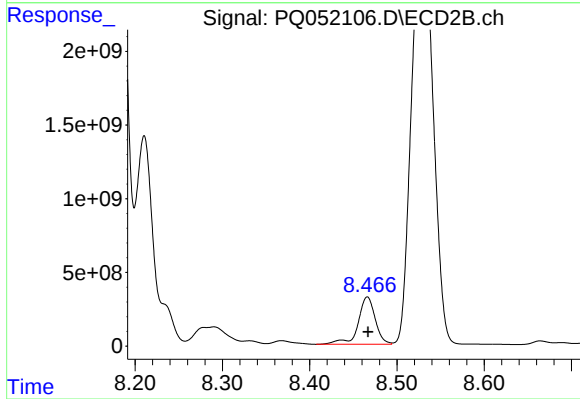
R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 73259453622
Conc: 65364.19 ng/ml



#38 AR-1262-3

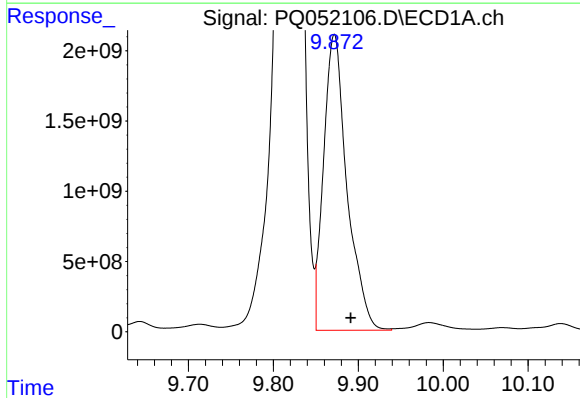
R.T.: 9.820 min
Delta R.T.: 0.028 min
Response: 68459684560
Conc: 66342.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



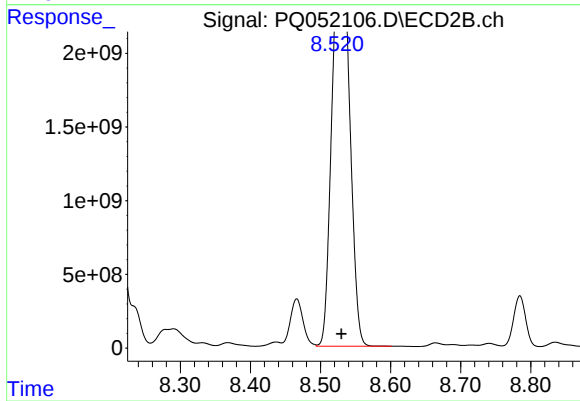
#38 AR-1262-3

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 4385161076
Conc: 10150.15 ng/ml



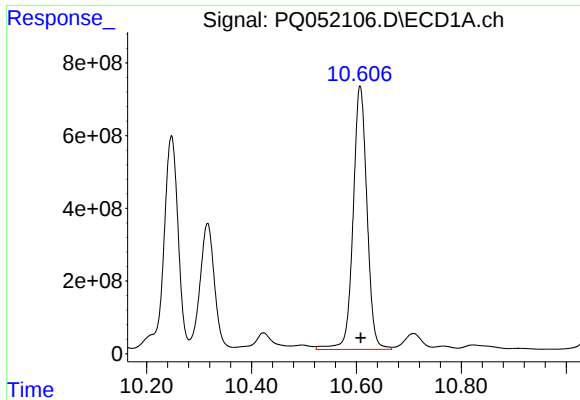
#39 AR-1262-4

R.T.: 9.872 min
Delta R.T.: -0.019 min
Response: 40222131290
Conc: 33986.69 ng/ml



#39 AR-1262-4

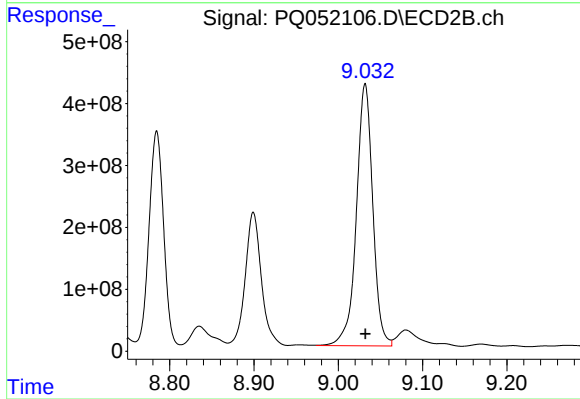
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 43206038426
Conc: 54027.59 ng/ml



#40 AR-1262-5

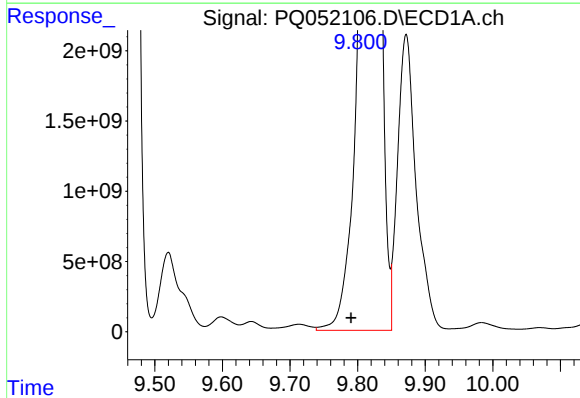
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 13316333547
Conc: 16592.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



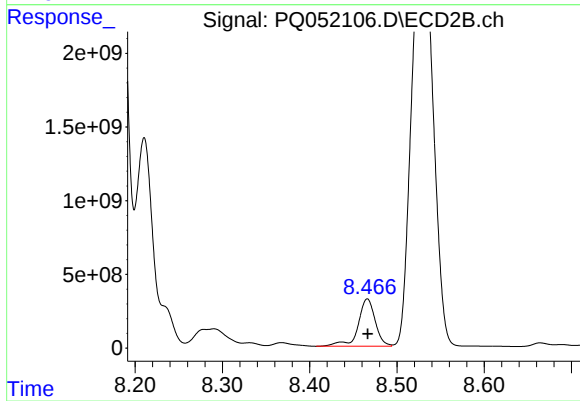
#40 AR-1262-5

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 5731411605
Conc: 16453.76 ng/ml



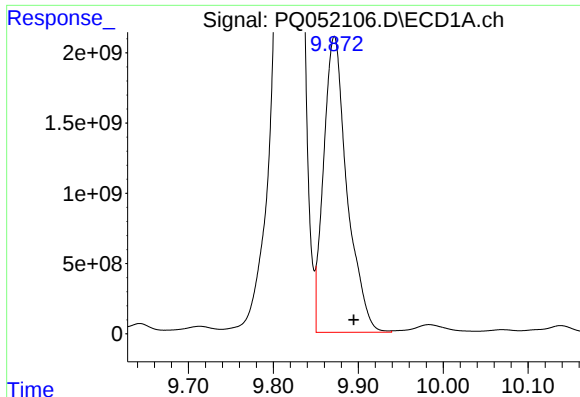
#41 AR-1268-1

R.T.: 9.820 min
Delta R.T.: 0.030 min
Response: 68459684560
Conc: 25176.07 ng/ml



#41 AR-1268-1

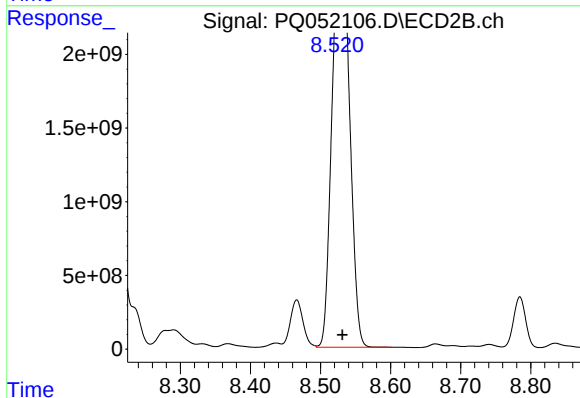
R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 4385161076
Conc: 3515.51 ng/ml



#42 AR-1268-2

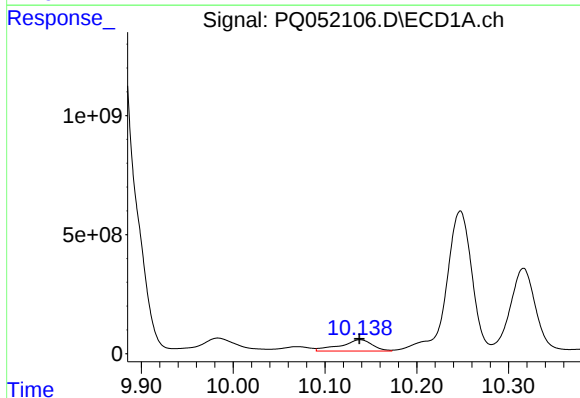
R.T.: 9.872 min
Delta R.T.: -0.023 min
Response: 40222131290
Conc: 16262.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



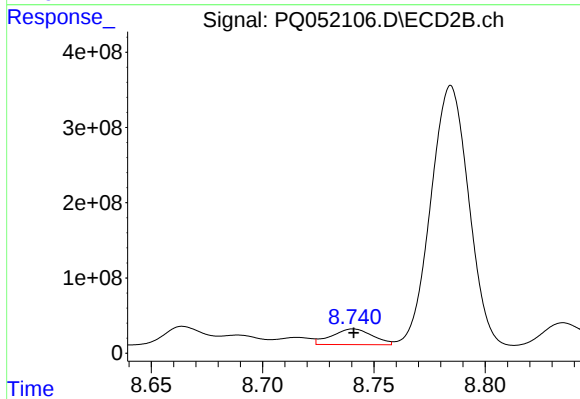
#42 AR-1268-2

R.T.: 8.530 min
Delta R.T.: -0.002 min
Response: 43206038426
Conc: 37556.86 ng/ml



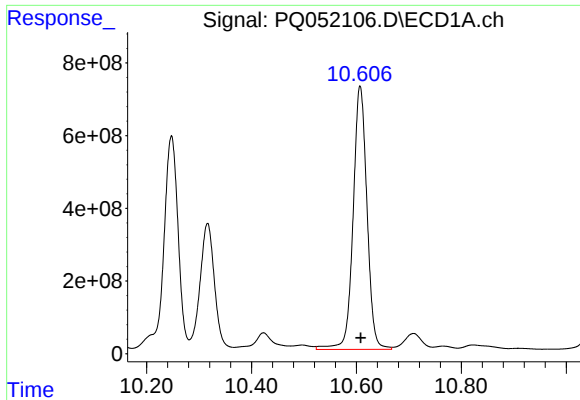
#43 AR-1268-3

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 1137131790
Conc: 536.87 ng/ml



#43 AR-1268-3

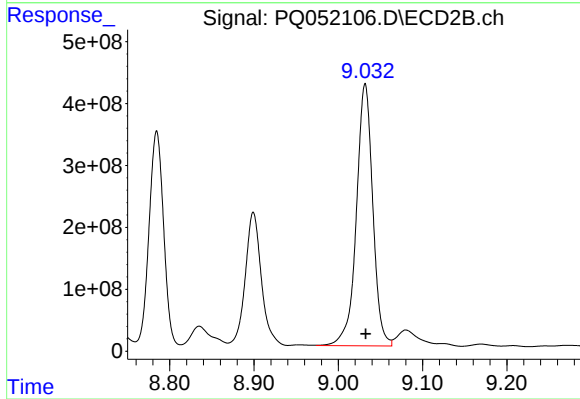
R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 265439695
Conc: 271.75 ng/ml



#44 AR-1268-4

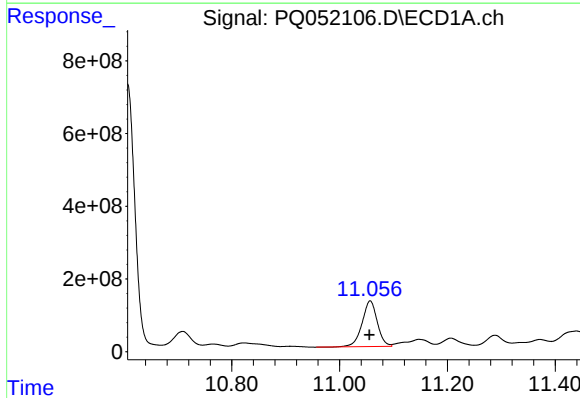
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 13316333547
Conc: 15788.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



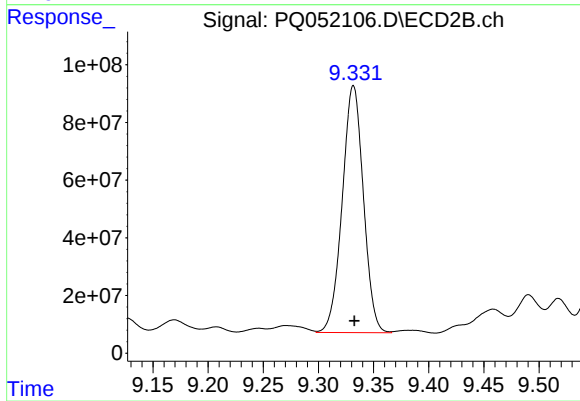
#44 AR-1268-4

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 5731411605
Conc: 15674.67 ng/ml



#45 AR-1268-5

R.T.: 11.057 min
Delta R.T.: 0.002 min
Response: 2460535589
Conc: 363.15 ng/ml



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 1143139301
Conc: 393.42 ng/ml