

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011621\
 Data File : PQ051738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 16:09
 Operator : DD\AJ
 Sample : AR1248CCC400
 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: Jan 15 03:02:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.237	4.257	583.3E6	168.2E6	22.619	23.034
2)	SA Decachlor...	11.430	9.602	665.3E6	208.4E6	36.285	34.265
Target Compounds							
3)	L1 AR-1016-1	6.559	5.514	217.2E6	65978947	257.075	257.375
4)	L1 AR-1016-2	6.583	5.535	259.8E6	65763997	209.703	183.707
5)	L1 AR-1016-3	6.649	5.729	121.0E6	41454166	165.400	225.202 #
6)	L1 AR-1016-4	6.756	5.777	140.9E6	87140935	229.178	603.864 #
7)	L1 AR-1016-5	7.071	6.007	348.8E6	107.4E6	586.154	564.359
8)	L2 AR-1221-1	5.481	4.511	3682632	721991	13.874	9.367 #
9)	L2 AR-1221-2	5.591	4.612	10381820	2737439	56.840	51.187
10)	L2 AR-1221-3	5.673	4.702	16372269	4779526	26.526	26.092
11)	L3 AR-1232-1	5.673	4.702	16372269	4779526	35.567	34.963
12)	L3 AR-1232-2	6.265	5.535	89581398	65763997	362.966	467.630 #
13)	L3 AR-1232-3	6.583	5.729	259.8E6	41454166	513.290	579.293
14)	L3 AR-1232-4	6.756	5.823	140.9E6	90661987	564.045	1474.707 #
15)	L3 AR-1232-5	6.852	6.007	303.4E6	107.4E6	1710.406	1673.877
16)	L4 AR-1242-1	6.559	5.514	217.2E6	65978947	309.116	313.812
17)	L4 AR-1242-2	6.583	5.535	259.8E6	65763997	252.074	225.366
18)	L4 AR-1242-3	6.649	5.729	121.0E6	41454166	196.864	274.740 #
19)	L4 AR-1242-4	6.756	5.823	140.9E6	90661987	274.077	626.265 #
20)	L4 AR-1242-5	7.539	6.387	379.9E6	157.8E6	689.186	825.921
21)	L5 AR-1248-1	6.559	5.514	217.2E6	65978947	383.942	392.622
22)	L5 AR-1248-2	6.852	5.777	303.4E6	87140935	377.184	384.760
23)	L5 AR-1248-3	7.071	5.823	348.8E6	90661987	376.197	385.546
24)	L5 AR-1248-4	7.499	6.007	388.4E6	107.4E6	366.045	390.621
25)	L5 AR-1248-5	7.539	6.430	379.9E6	108.9E6	366.155	377.371
26)	L6 AR-1254-1	7.468	6.387	303.2E6	157.8E6	308.281	371.856
27)	L6 AR-1254-2	7.704	6.545	372.1E6	43081268	244.366	117.368 #
28)	L6 AR-1254-3	8.080	6.967	191.6E6	66946529	115.984	109.709
29)	L6 AR-1254-4	8.374	7.205	124.2E6	45678961	104.449	120.950
30)	L6 AR-1254-5	8.802	7.635	28148105	14411930	22.302	27.440
31)	L7 AR-1260-1	8.246	7.116	18688794	30623852	18.044	86.328 #
32)	L7 AR-1260-2	8.504	7.299	28944601	5672012	23.406	12.821 #
33)	L7 AR-1260-3	8.864	7.454	4635184	7072665	5.104	17.068 #
34)	L7 AR-1260-4	9.112	7.940	11262642	1036539	10.564	2.989 #
35)	L7 AR-1260-5	9.464	8.184	6409596	1940112	2.878	2.247
36)	L8 AR-1262-1	8.864	7.635	4635184	14411930	3.055	50.270 #
37)	L8 AR-1262-2	9.464	8.184	6409596	1940112	2.284	1.903
38)	L8 AR-1262-3	9.823	8.475	3608921	579927	3.007	1.541 #
39)	L8 AR-1262-4	0.000	8.534	0	1693935	N.D.	2.310 #
40)	L8 AR-1262-5	0.000	9.040	0	2247364	N.D.	6.827 #
41)	L9 AR-1268-1	9.823	8.475	3608921	579927	1.094	0.499 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011621\
 Data File : PQ051738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 16:09
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

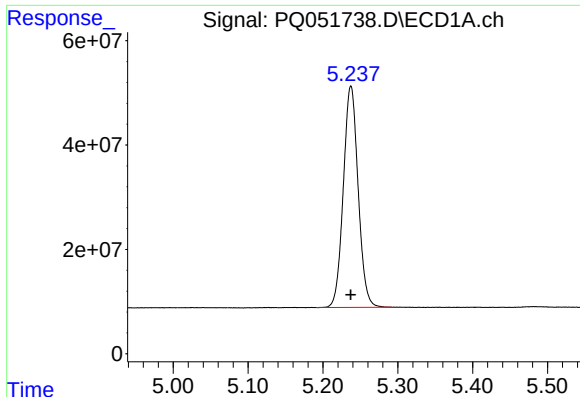
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 03:02:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	8.534	0	1693935	N.D.	1.592 #
43) L9	AR-1268-3	0.000	8.749	0	1126052	N.D.	1.263 #
44) L9	AR-1268-4	0.000	9.040	0	2247364	N.D.	6.092 #
45) L9	AR-1268-5	11.061	9.340	5590315	1496882	0.669	0.537

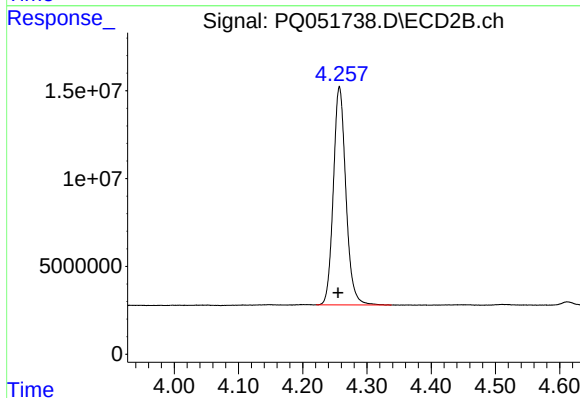
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

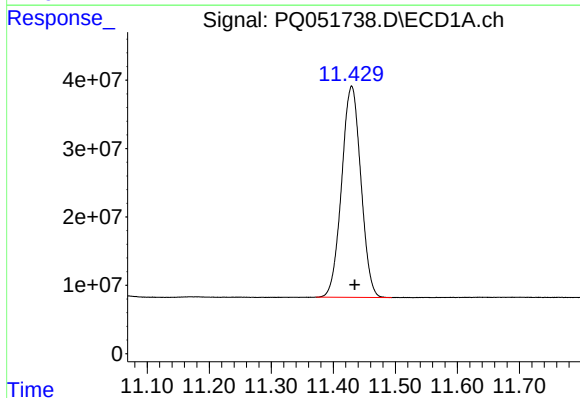
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 583254423
Conc: 22.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



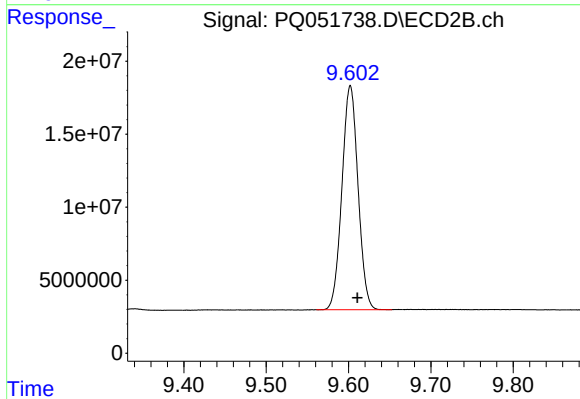
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 168217944
Conc: 23.03 ng/ml



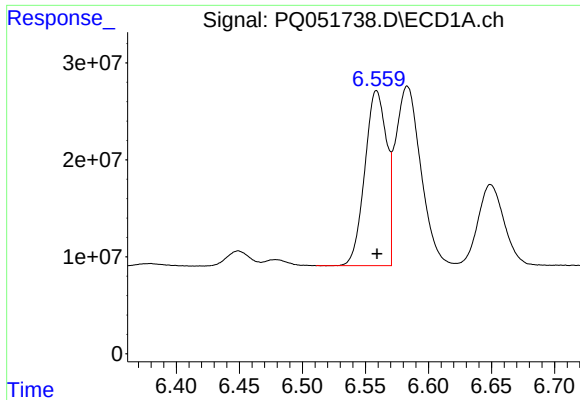
#2 Decachlorobiphenyl

R.T.: 11.430 min
Delta R.T.: -0.005 min
Response: 665270256
Conc: 36.28 ng/ml



#2 Decachlorobiphenyl

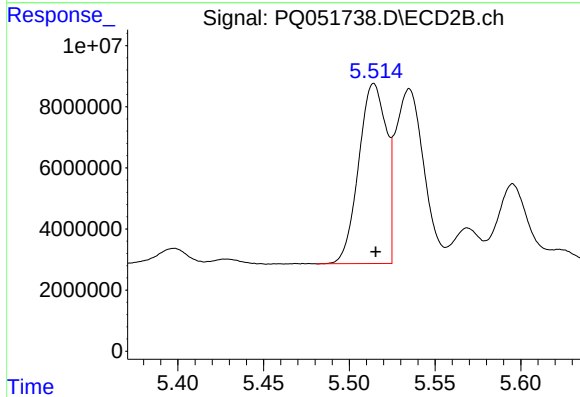
R.T.: 9.602 min
Delta R.T.: -0.008 min
Response: 208394480
Conc: 34.27 ng/ml



#3 AR-1016-1

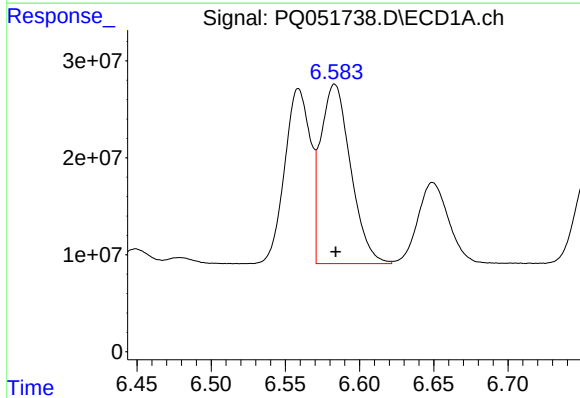
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 217205761
Conc: 257.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



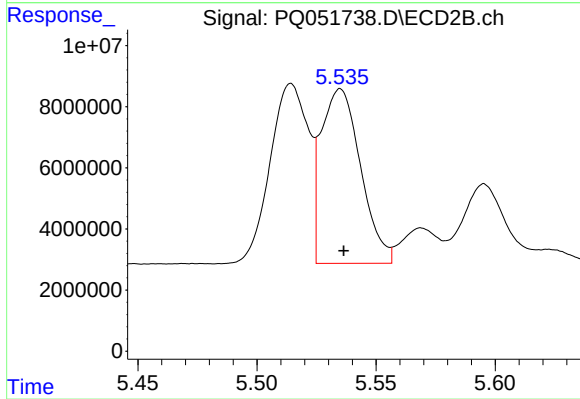
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 65978947
Conc: 257.38 ng/ml



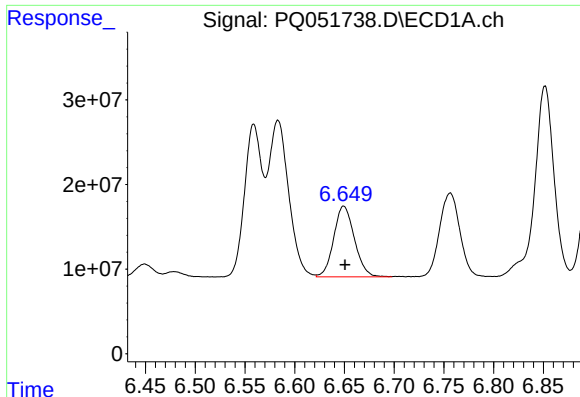
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 259752271
Conc: 209.70 ng/ml



#4 AR-1016-2

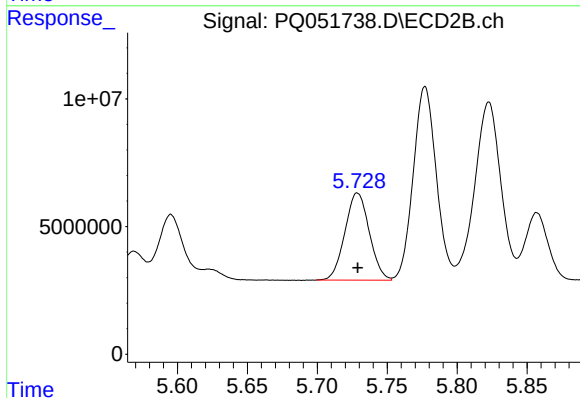
R.T.: 5.535 min
Delta R.T.: -0.001 min
Response: 65763997
Conc: 183.71 ng/ml



#5 AR-1016-3

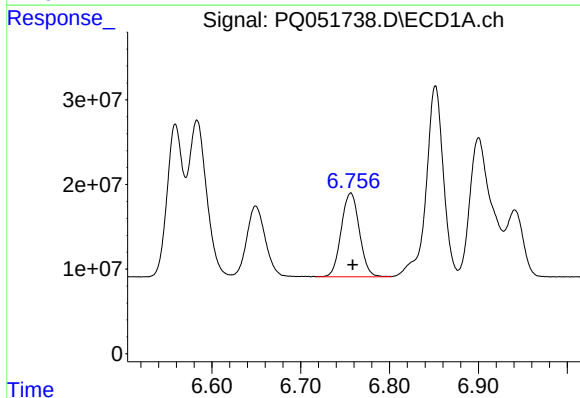
R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 121043794
Conc: 165.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



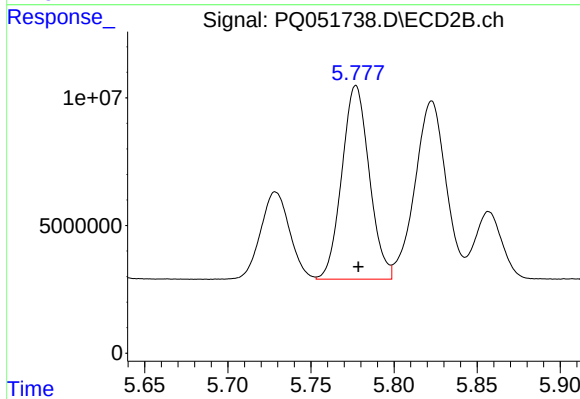
#5 AR-1016-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 41454166
Conc: 225.20 ng/ml



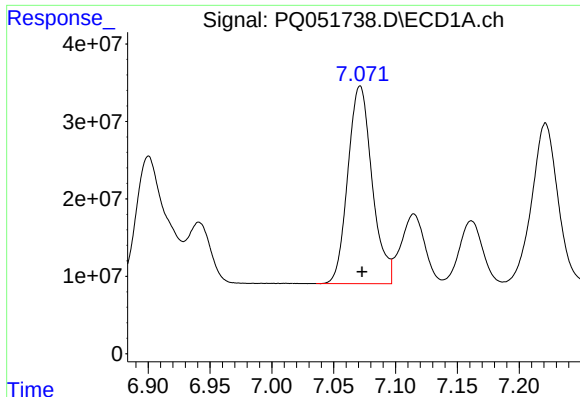
#6 AR-1016-4

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 140861666
Conc: 229.18 ng/ml



#6 AR-1016-4

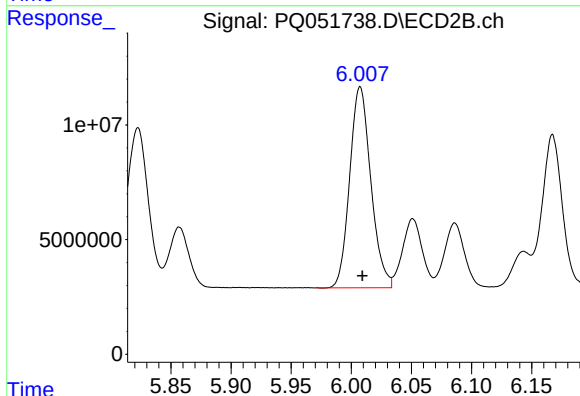
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 87140935
Conc: 603.86 ng/ml



#7 AR-1016-5

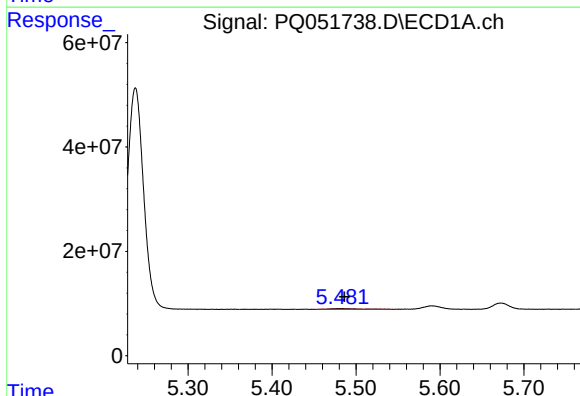
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 348759850
Conc: 586.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



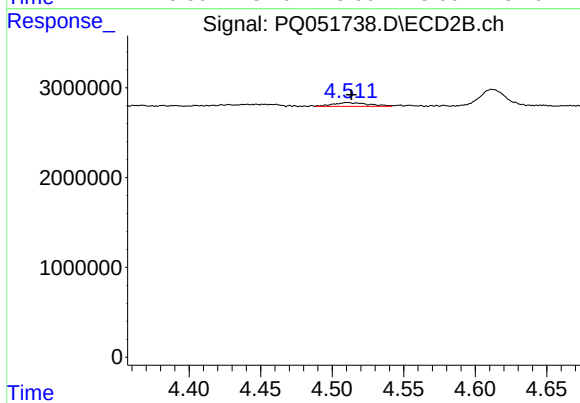
#7 AR-1016-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 107378528
Conc: 564.36 ng/ml



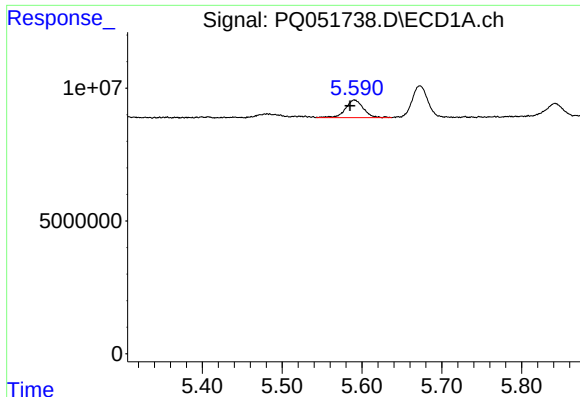
#8 AR-1221-1

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 3682632
Conc: 13.87 ng/ml



#8 AR-1221-1

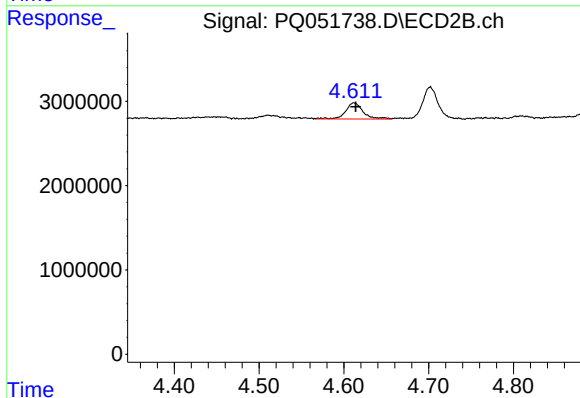
R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 721991
Conc: 9.37 ng/ml



#9 AR-1221-2

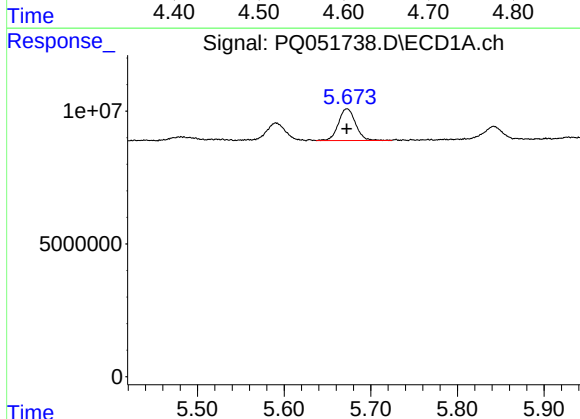
R.T.: 5.591 min
Delta R.T.: 0.005 min
Response: 10381820
Conc: 56.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



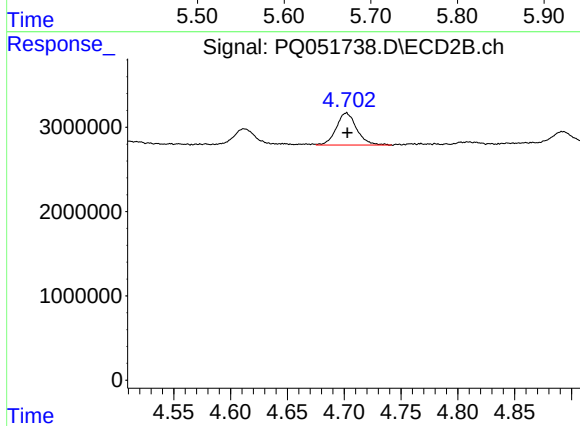
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2737439
Conc: 51.19 ng/ml



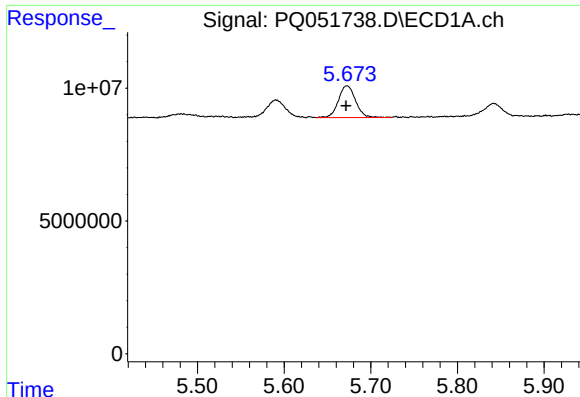
#10 AR-1221-3

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 16372269
Conc: 26.53 ng/ml



#10 AR-1221-3

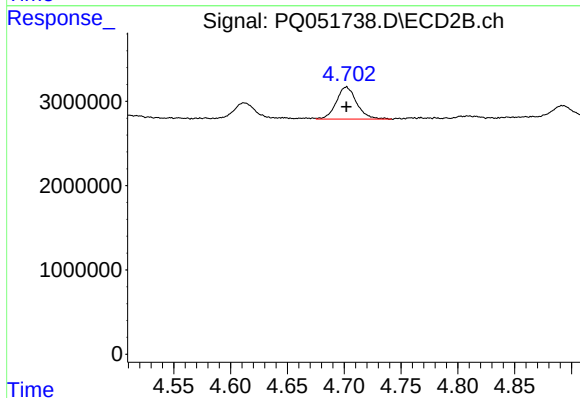
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 4779526
Conc: 26.09 ng/ml



#11 AR-1232-1

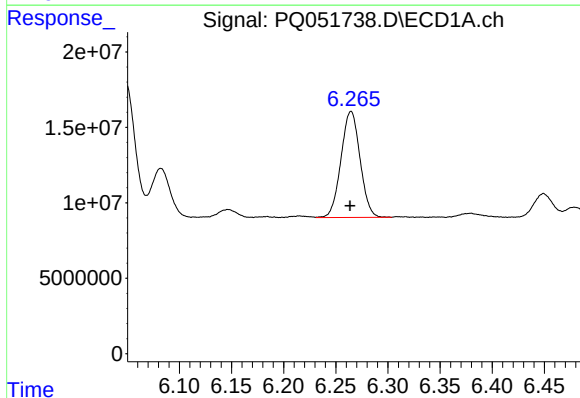
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 16372269
Conc: 35.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



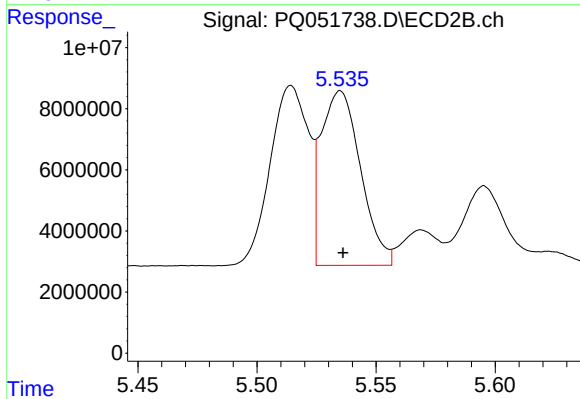
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 4779526
Conc: 34.96 ng/ml



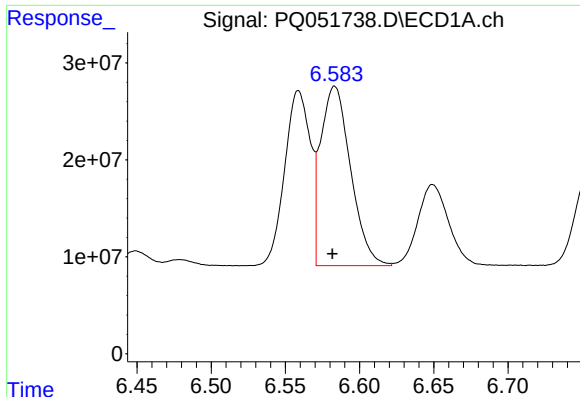
#12 AR-1232-2

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 89581398
Conc: 362.97 ng/ml



#12 AR-1232-2

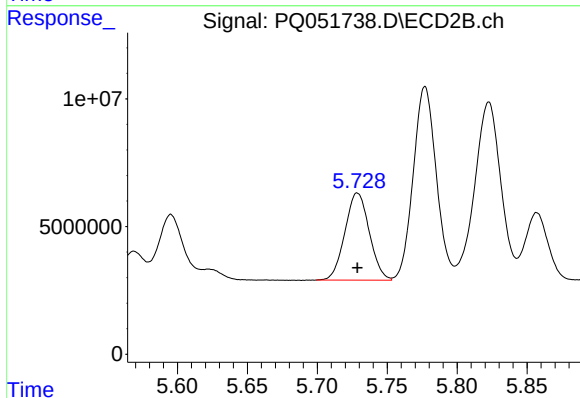
R.T.: 5.535 min
Delta R.T.: -0.001 min
Response: 65763997
Conc: 467.63 ng/ml



#13 AR-1232-3

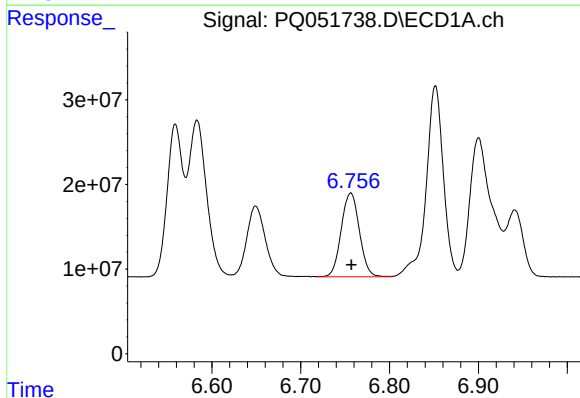
R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 259752271
Conc: 513.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



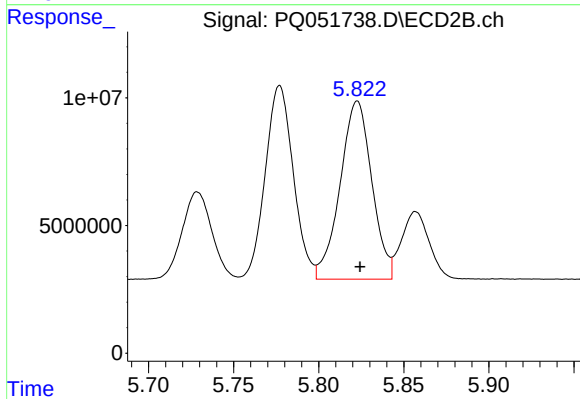
#13 AR-1232-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 41454166
Conc: 579.29 ng/ml



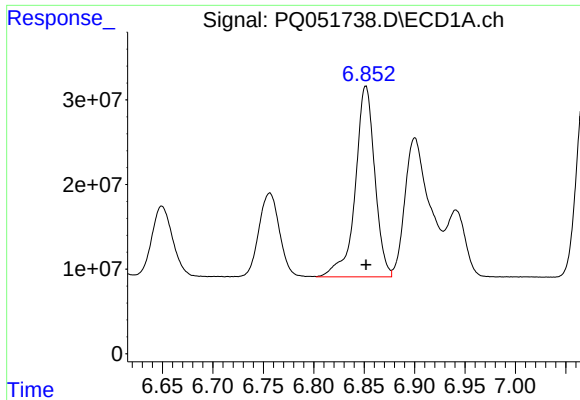
#14 AR-1232-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 140861666
Conc: 564.04 ng/ml



#14 AR-1232-4

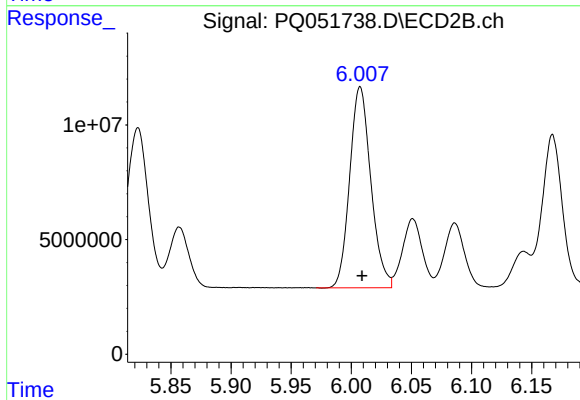
R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 90661987
Conc: 1474.71 ng/ml



#15 AR-1232-5

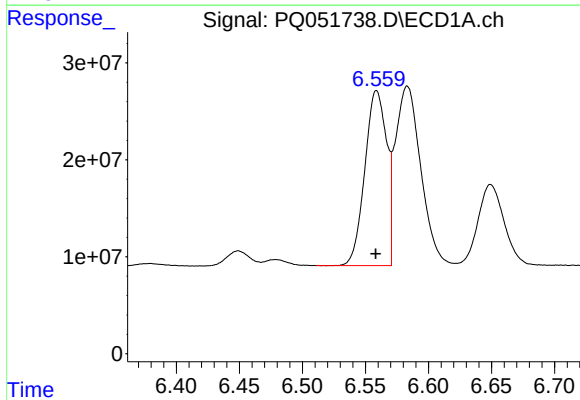
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 303444333
Conc: 1710.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



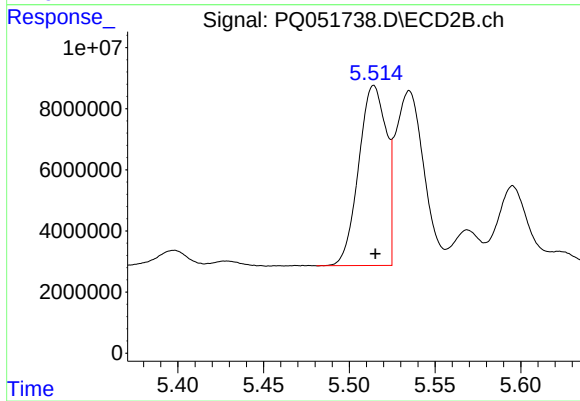
#15 AR-1232-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 107378528
Conc: 1673.88 ng/ml



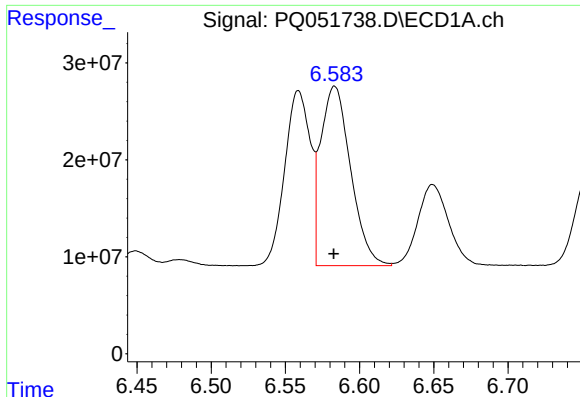
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 217205761
Conc: 309.12 ng/ml



#16 AR-1242-1

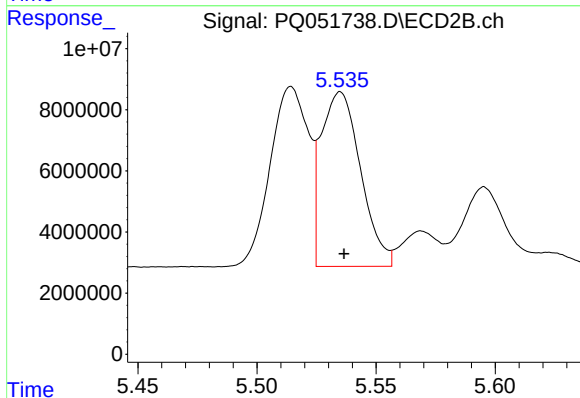
R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 65978947
Conc: 313.81 ng/ml



#17 AR-1242-2

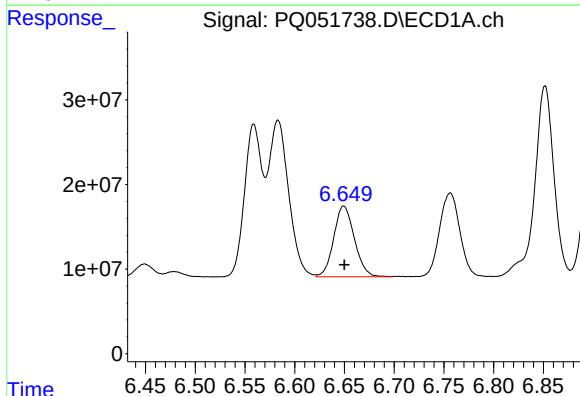
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 259752271
Conc: 252.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



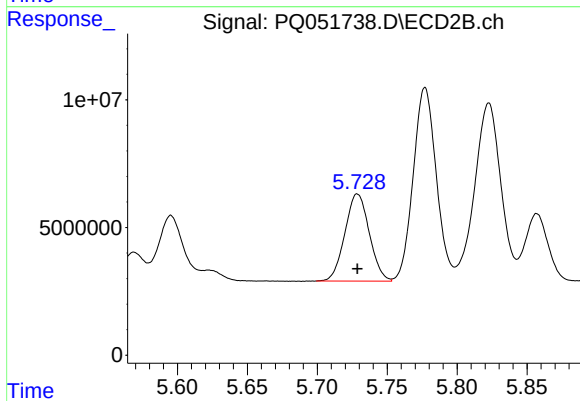
#17 AR-1242-2

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 65763997
Conc: 225.37 ng/ml



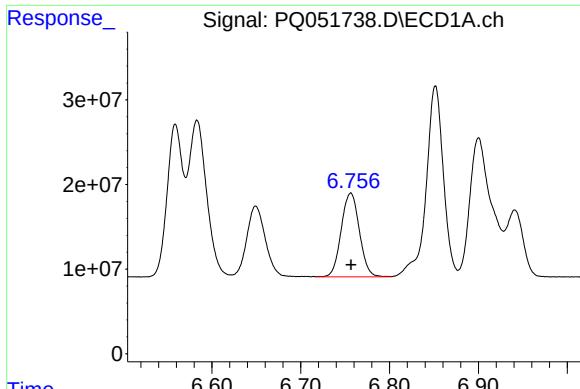
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 121043794
Conc: 196.86 ng/ml



#18 AR-1242-3

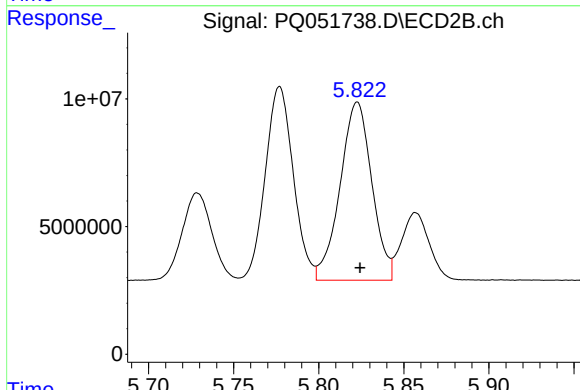
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 41454166
Conc: 274.74 ng/ml



#19 AR-1242-4

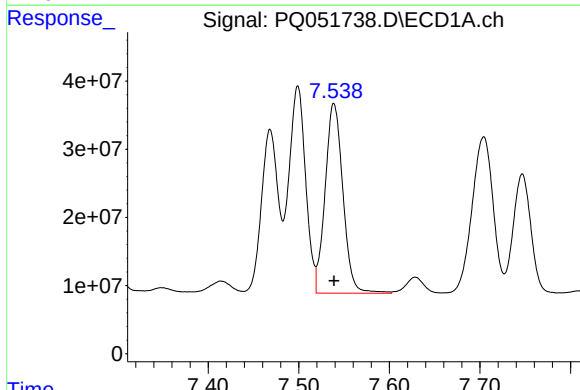
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 140861666
Conc: 274.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



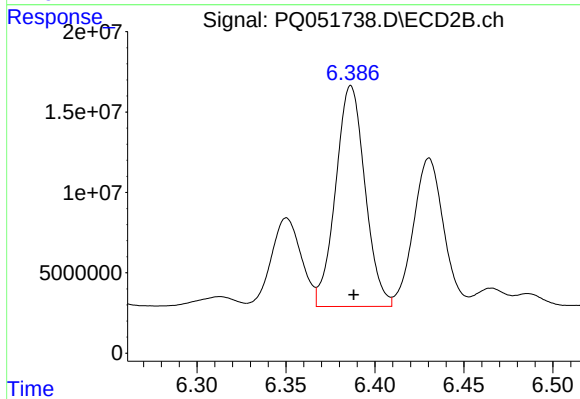
#19 AR-1242-4

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 90661987
Conc: 626.27 ng/ml



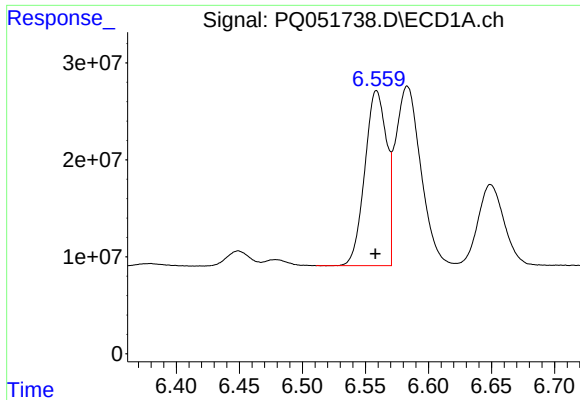
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 379940201
Conc: 689.19 ng/ml



#20 AR-1242-5

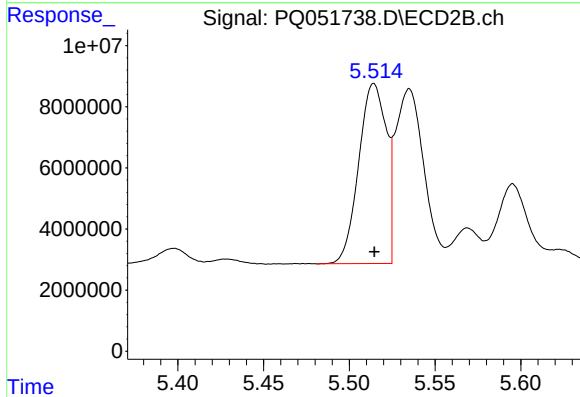
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 157812658
Conc: 825.92 ng/ml



#21 AR-1248-1

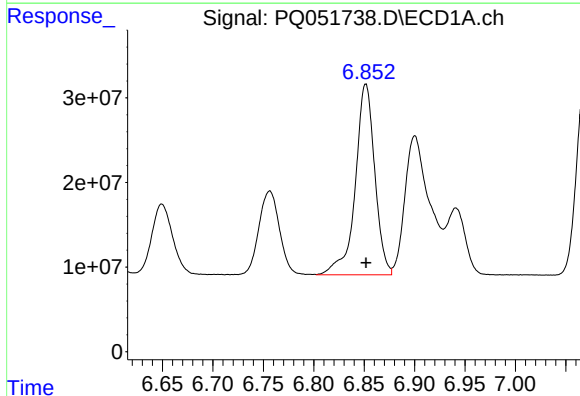
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 217205761
Conc: 383.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



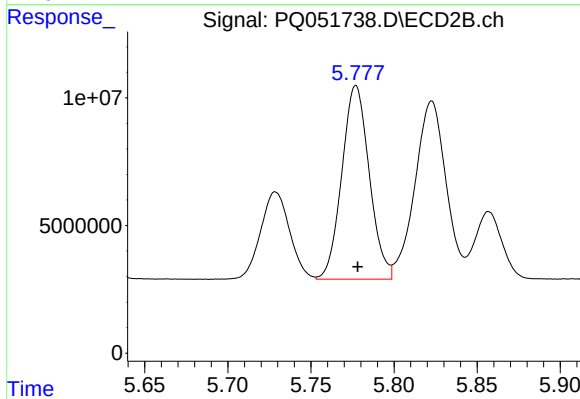
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 65978947
Conc: 392.62 ng/ml



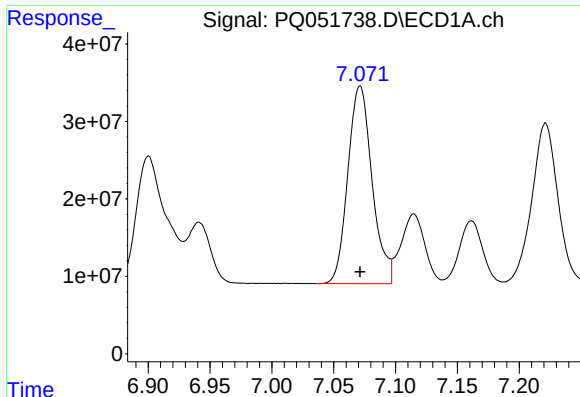
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 303444333
Conc: 377.18 ng/ml



#22 AR-1248-2

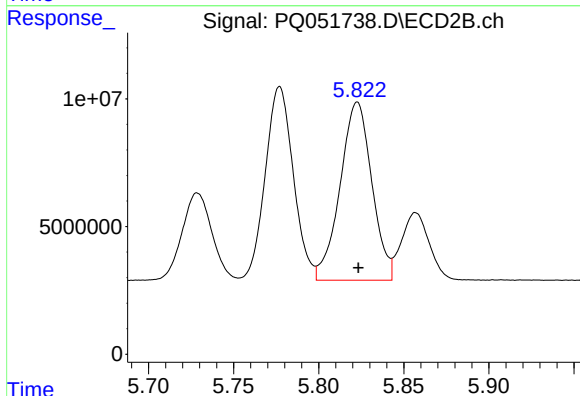
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 87140935
Conc: 384.76 ng/ml



#23 AR-1248-3

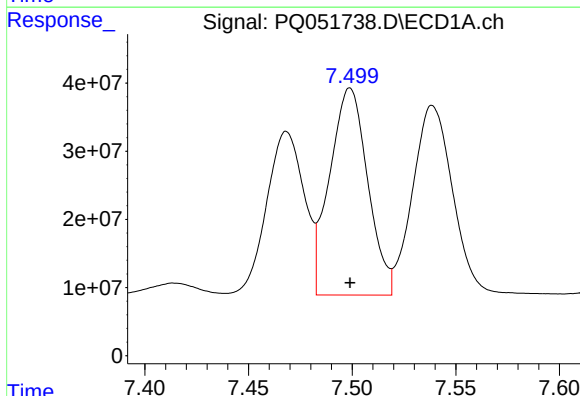
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 348759850
Conc: 376.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



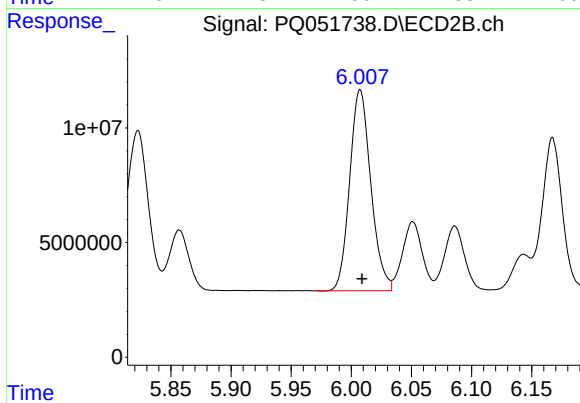
#23 AR-1248-3

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 90661987
Conc: 385.55 ng/ml



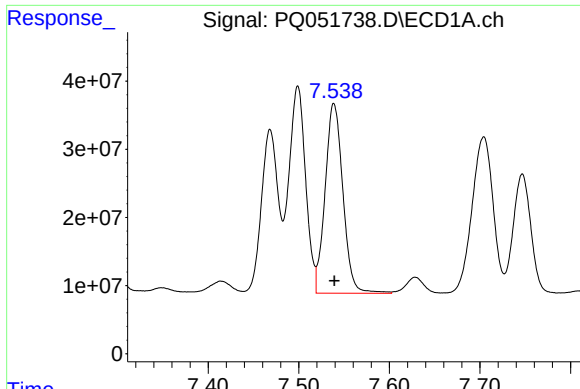
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 388408577
Conc: 366.04 ng/ml



#24 AR-1248-4

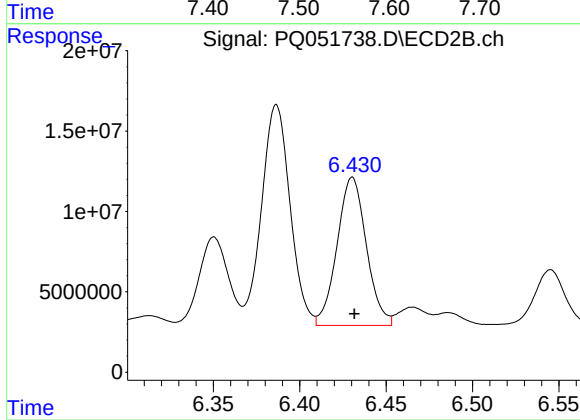
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 107378528
Conc: 390.62 ng/ml



#25 AR-1248-5

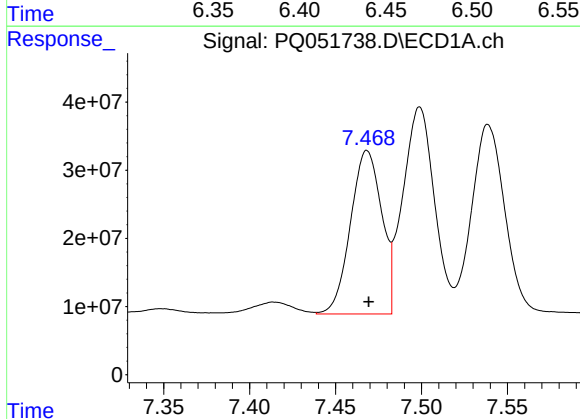
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 379940201
Conc: 366.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



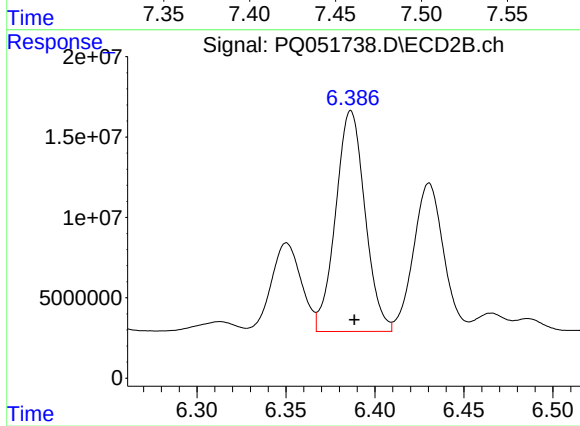
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.001 min
Response: 108890317
Conc: 377.37 ng/ml



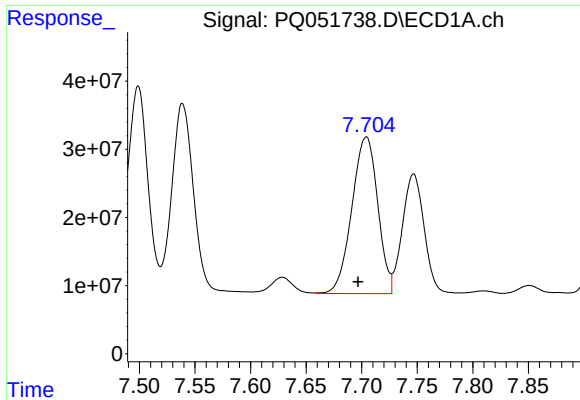
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 303181334
Conc: 308.28 ng/ml



#26 AR-1254-1

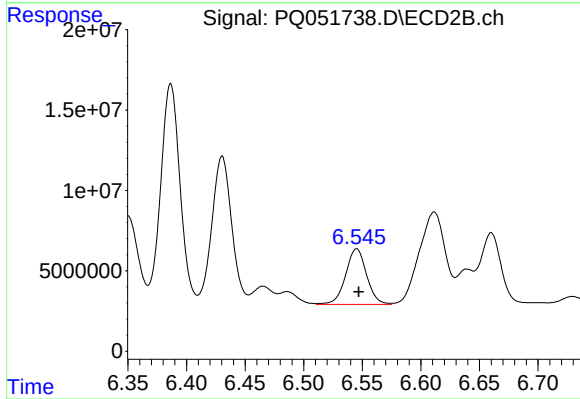
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 157812658
Conc: 371.86 ng/ml



#27 AR-1254-2

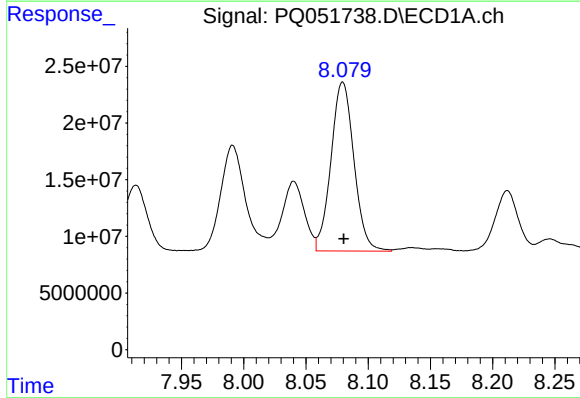
R.T.: 7.704 min
Delta R.T.: 0.007 min
Response: 372097235
Conc: 244.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



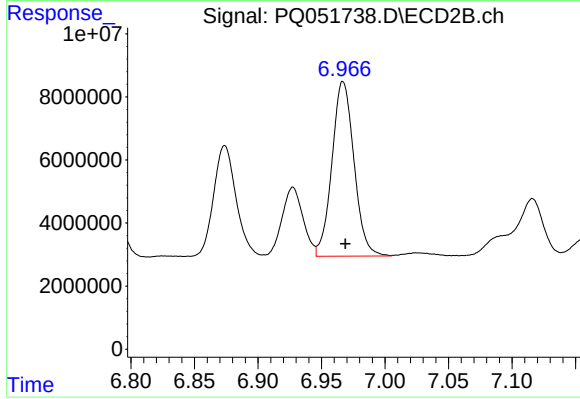
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 43081268
Conc: 117.37 ng/ml



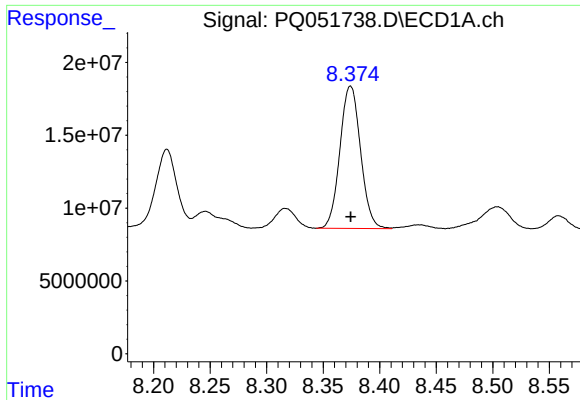
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 191636762
Conc: 115.98 ng/ml



#28 AR-1254-3

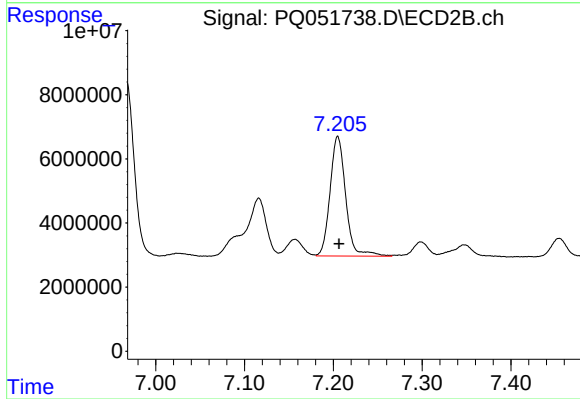
R.T.: 6.967 min
Delta R.T.: -0.002 min
Response: 66946529
Conc: 109.71 ng/ml



#29 AR-1254-4

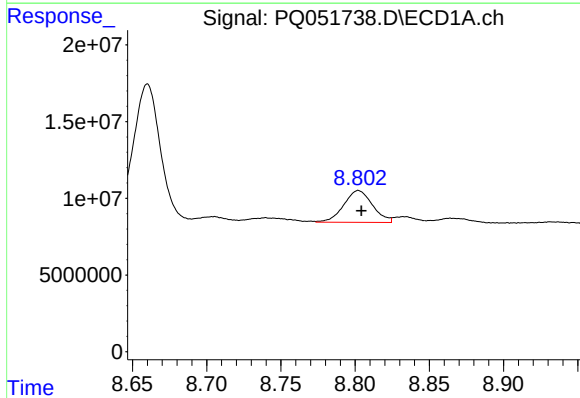
R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 124191933
Conc: 104.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



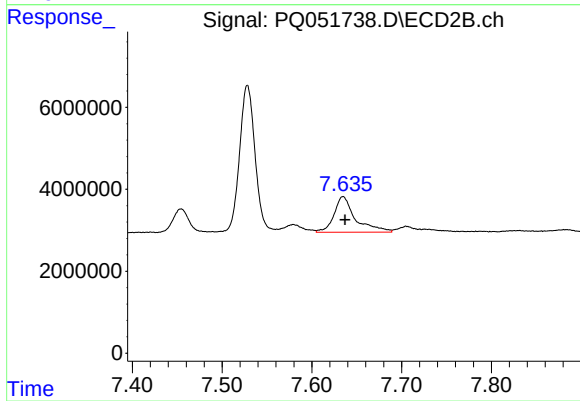
#29 AR-1254-4

R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 45678961
Conc: 120.95 ng/ml



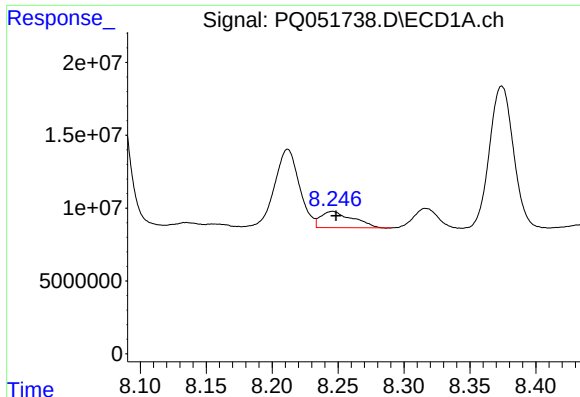
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: -0.002 min
Response: 28148105
Conc: 22.30 ng/ml



#30 AR-1254-5

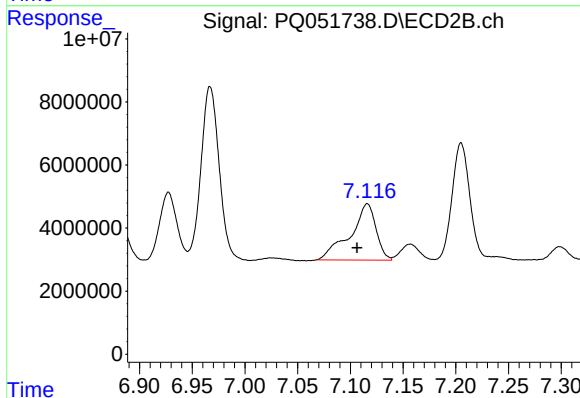
R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 14411930
Conc: 27.44 ng/ml



#31 AR-1260-1

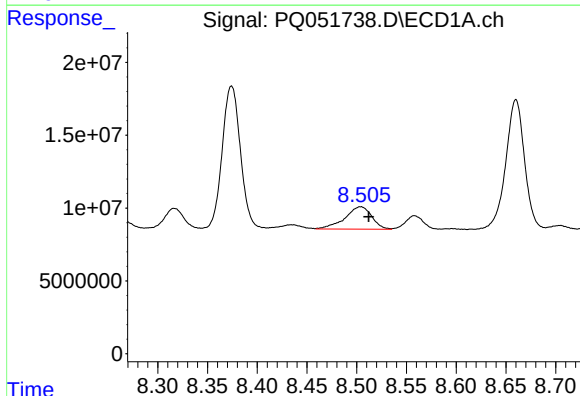
R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 18688794
Conc: 18.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



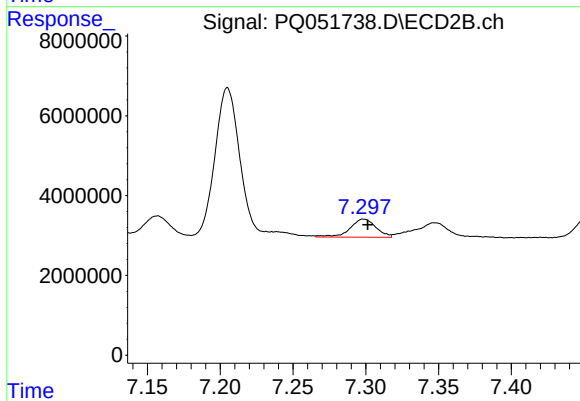
#31 AR-1260-1

R.T.: 7.116 min
Delta R.T.: 0.010 min
Response: 30623852
Conc: 86.33 ng/ml



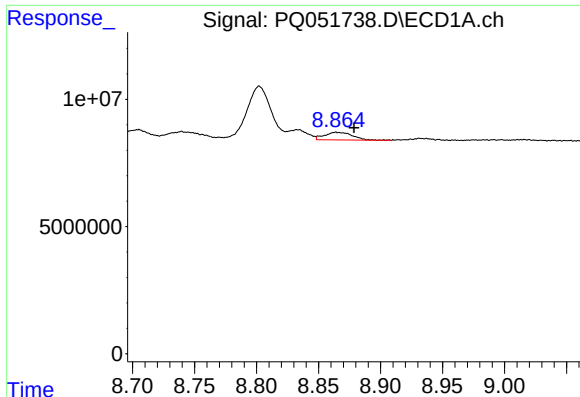
#32 AR-1260-2

R.T.: 8.504 min
Delta R.T.: -0.008 min
Response: 28944601
Conc: 23.41 ng/ml



#32 AR-1260-2

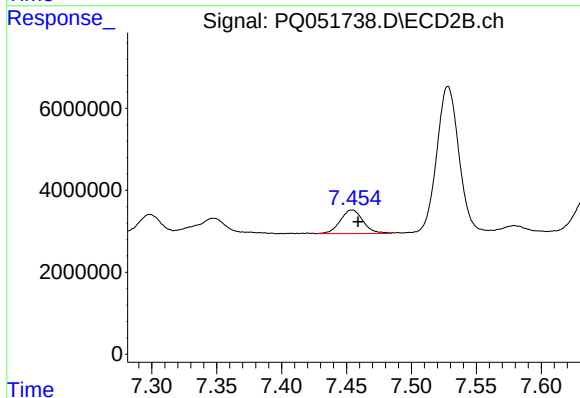
R.T.: 7.299 min
Delta R.T.: -0.003 min
Response: 5672012
Conc: 12.82 ng/ml



#33 AR-1260-3

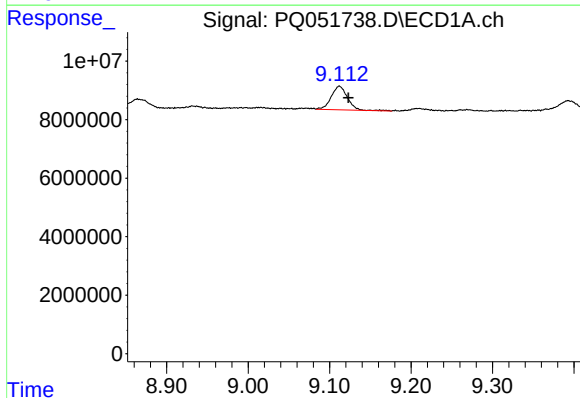
R.T.: 8.864 min
Delta R.T.: -0.014 min
Response: 4635184
Conc: 5.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



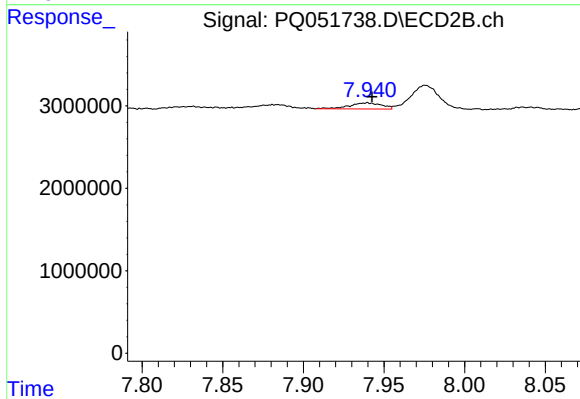
#33 AR-1260-3

R.T.: 7.454 min
Delta R.T.: -0.005 min
Response: 7072665
Conc: 17.07 ng/ml



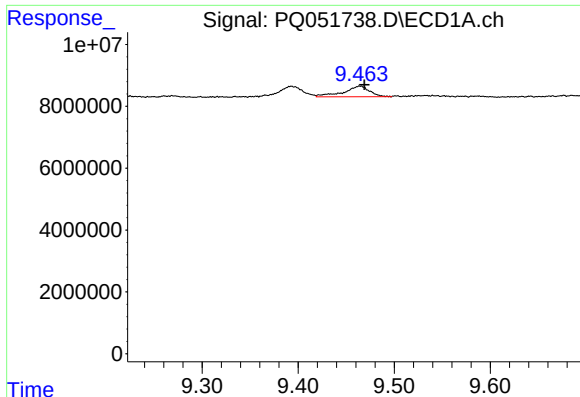
#34 AR-1260-4

R.T.: 9.112 min
Delta R.T.: -0.011 min
Response: 11262642
Conc: 10.56 ng/ml



#34 AR-1260-4

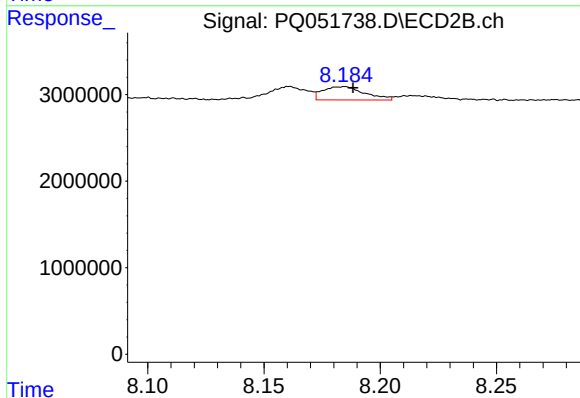
R.T.: 7.940 min
Delta R.T.: -0.003 min
Response: 1036539
Conc: 2.99 ng/ml



#35 AR-1260-5

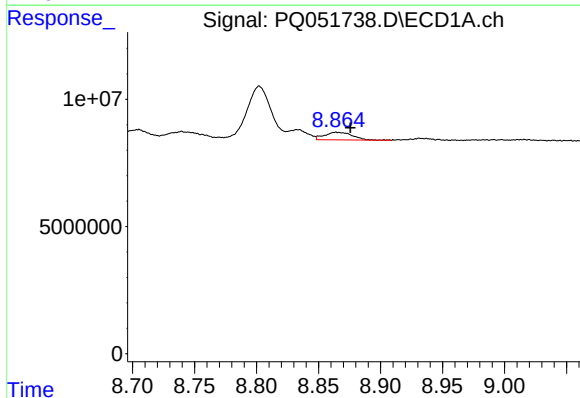
R.T.: 9.464 min
Delta R.T.: -0.004 min
Response: 6409596
Conc: 2.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



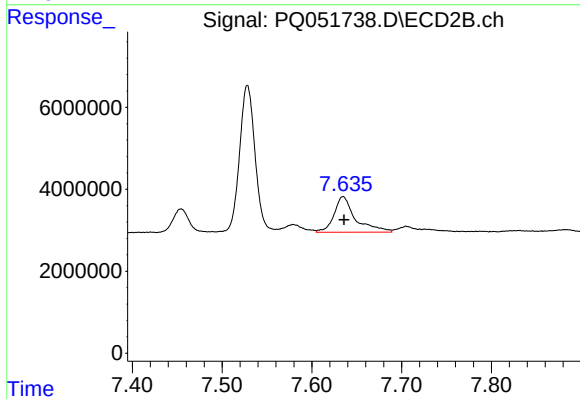
#35 AR-1260-5

R.T.: 8.184 min
Delta R.T.: -0.004 min
Response: 1940112
Conc: 2.25 ng/ml



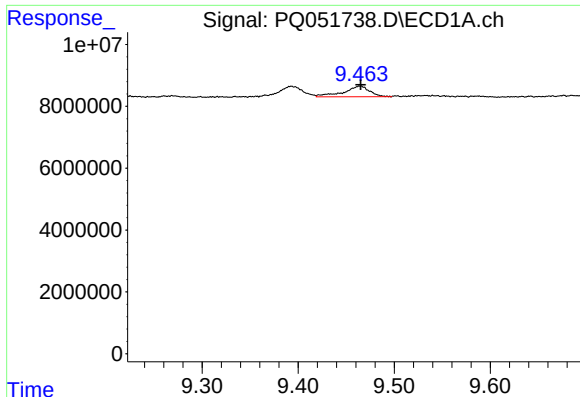
#36 AR-1262-1

R.T.: 8.864 min
Delta R.T.: -0.011 min
Response: 4635184
Conc: 3.05 ng/ml



#36 AR-1262-1

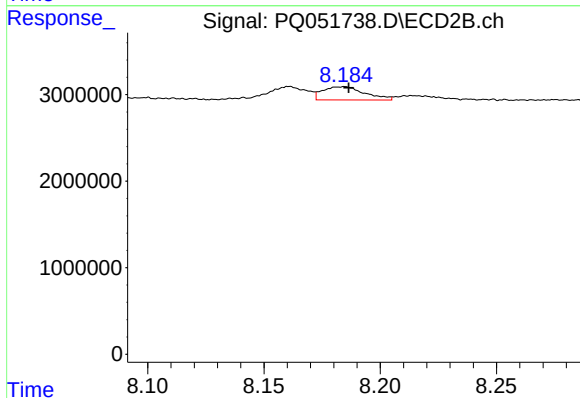
R.T.: 7.635 min
Delta R.T.: -0.001 min
Response: 14411930
Conc: 50.27 ng/ml



#37 AR-1262-2

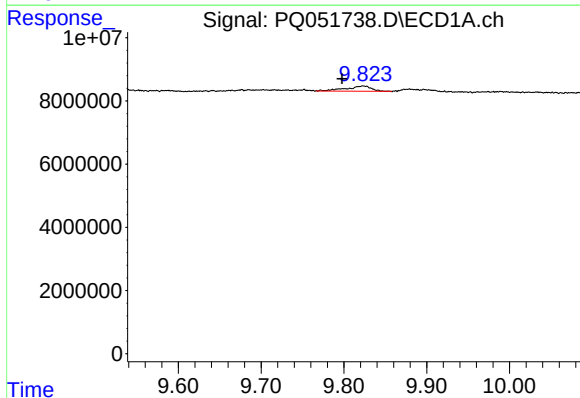
R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 6409596
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



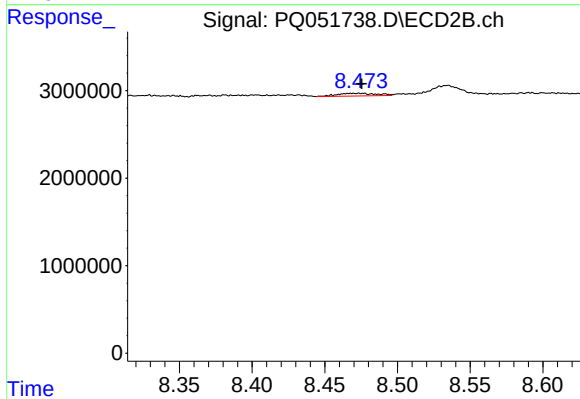
#37 AR-1262-2

R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 1940112
Conc: 1.90 ng/ml



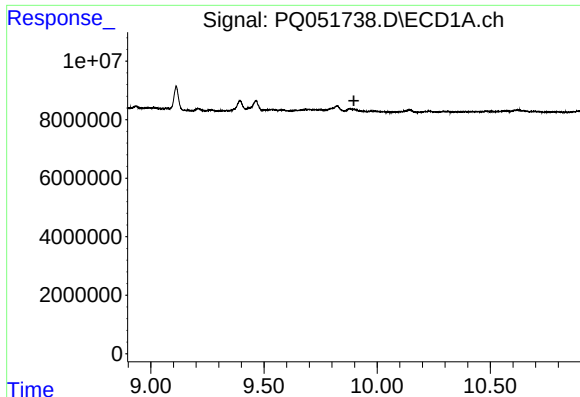
#38 AR-1262-3

R.T.: 9.823 min
Delta R.T.: 0.025 min
Response: 3608921
Conc: 3.01 ng/ml



#38 AR-1262-3

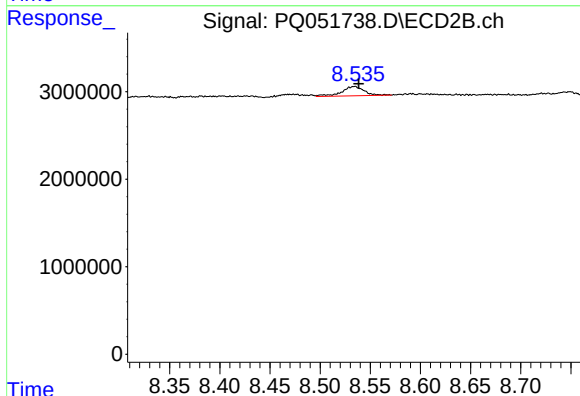
R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 579927
Conc: 1.54 ng/ml



#39 AR-1262-4

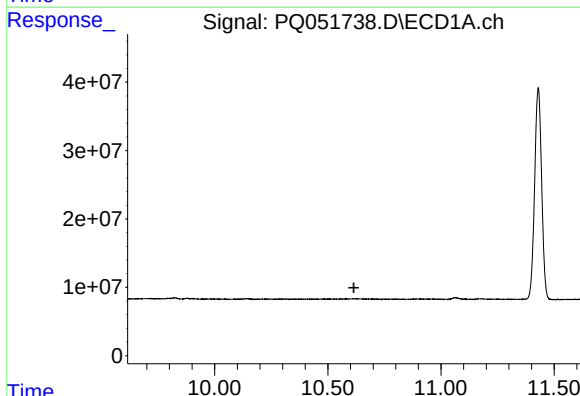
R.T.: 0.000 min
Exp R.T. : 9.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



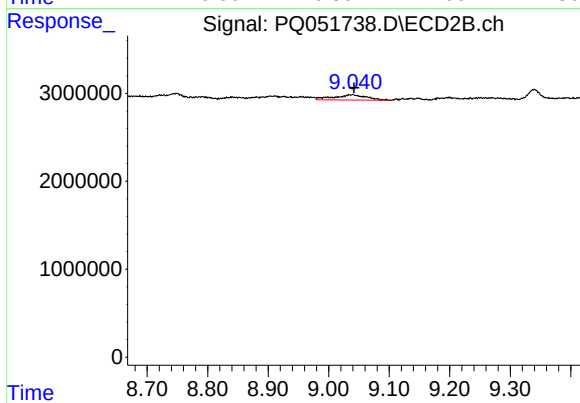
#39 AR-1262-4

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 1693935
Conc: 2.31 ng/ml



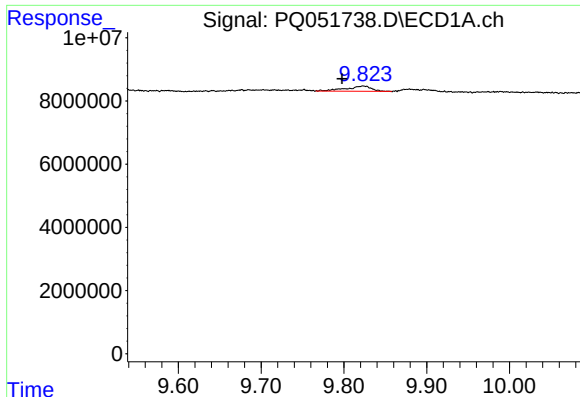
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.615 min
Response: 0
Conc: N.D.



#40 AR-1262-5

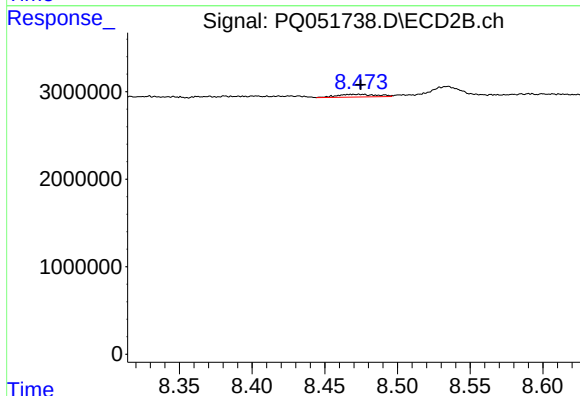
R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 2247364
Conc: 6.83 ng/ml



#41 AR-1268-1

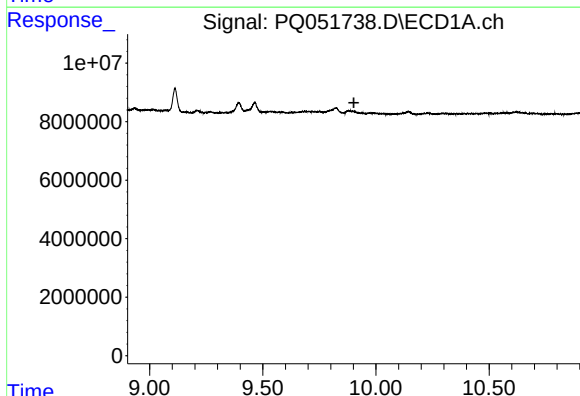
R.T.: 9.823 min
Delta R.T.: 0.025 min
Response: 3608921
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



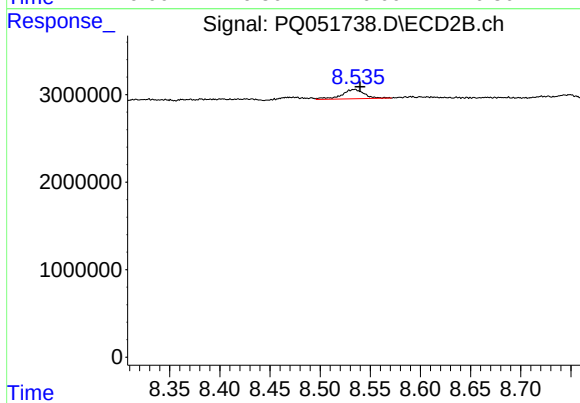
#41 AR-1268-1

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 579927
Conc: 0.50 ng/ml



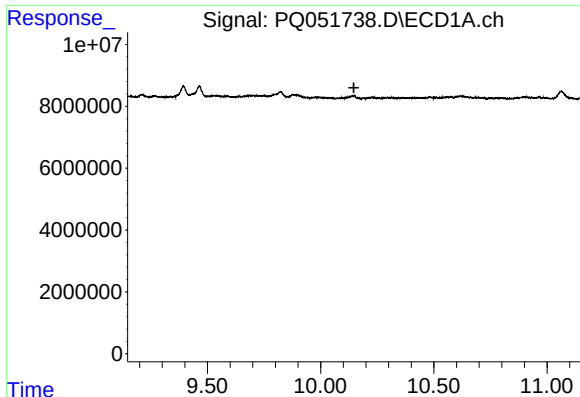
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

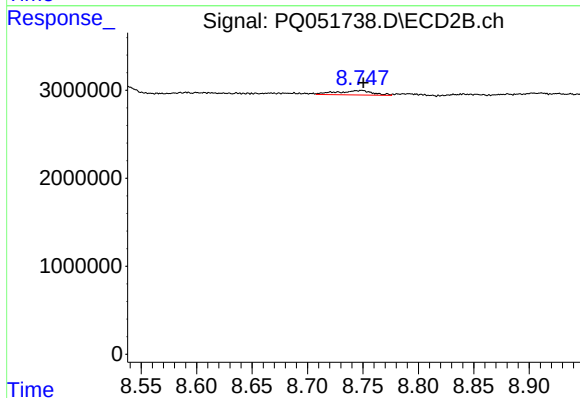
R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 1693935
Conc: 1.59 ng/ml



#43 AR-1268-3

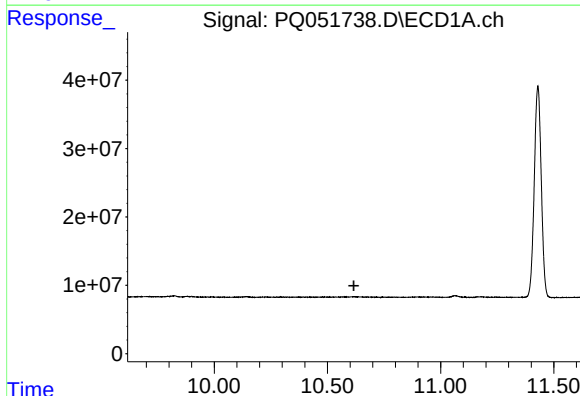
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



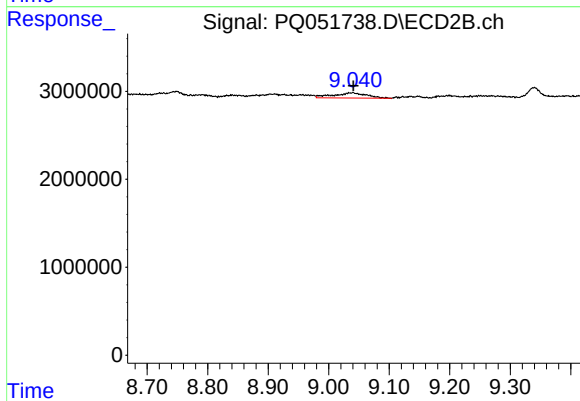
#43 AR-1268-3

R.T.: 8.749 min
Delta R.T.: -0.001 min
Response: 1126052
Conc: 1.26 ng/ml



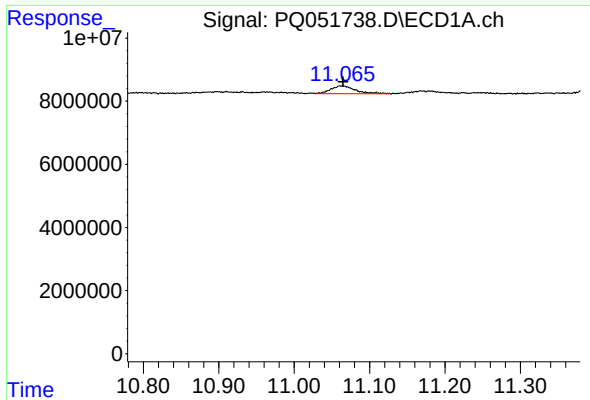
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.617 min
Response: 0
Conc: N.D.



#44 AR-1268-4

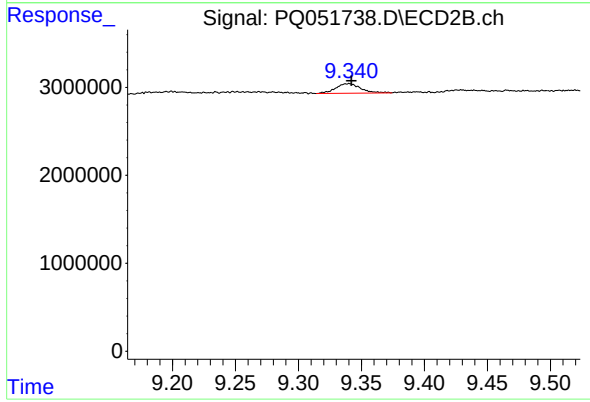
R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 2247364
Conc: 6.09 ng/ml



#45 AR-1268-5

R.T.: 11.061 min
Delta R.T.: -0.004 min
Response: 5590315
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.002 min
Response: 1496882
Conc: 0.54 ng/ml