

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 10:24
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:45:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.246	462.3E6	159.7E6	18.825	19.035
2)	SA Decachlor...	11.420	9.591	849.2E6	293.8E6	41.434	38.087
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	7663633	2917795	9.538	9.473
4)	L1 AR-1016-2	6.580	5.527	9538396	2186811	8.079	5.100 #
5)	L1 AR-1016-3	6.645	5.719	4510931	1486385	6.320	6.785
6)	L1 AR-1016-4	6.752	5.768	5707483	64984354	9.481	388.053 #
7)	L1 AR-1016-5	7.066	5.999	103.9E6	38709317	184.682	181.261
8)	L2 AR-1221-1	5.523f	0.000	3421373	0	13.415	N.D. #
9)	L2 AR-1221-2	5.584	4.602	6513574	4813319	37.031	76.068 #
10)	L2 AR-1221-3	5.665	4.694	3147552	2033937	5.346	9.432 #
11)	L3 AR-1232-1	5.665	4.694	3147552	2033937	6.405	11.247 #
12)	L3 AR-1232-2	6.255	5.527	5065016	2186811	19.680	11.076 #
13)	L3 AR-1232-3	6.580	5.719	9538396	1486385	18.131	15.110
14)	L3 AR-1232-4	6.752	5.813	5707483	18110150	21.772	218.798 #
15)	L3 AR-1232-5	6.846	5.999	174.6E6	38709317	944.978	435.091 #
16)	L4 AR-1242-1	6.552	5.505	7663633	2917795	11.151	11.076
17)	L4 AR-1242-2	6.580	5.527	9538396	2186811	9.448	5.952 #
18)	L4 AR-1242-3	6.645	5.719	4510931	1486385	7.428	7.797
19)	L4 AR-1242-4	6.752	5.813	5707483	18110150	11.224	102.543 #
20)	L4 AR-1242-5	7.535	6.379	102.1E6	177.9E6	181.015	709.380 #
21)	L5 AR-1248-1	6.552	5.505	7663633	2917795	13.993	14.189
22)	L5 AR-1248-2	6.846	5.768	174.6E6	64984354	227.126	240.431
23)	L5 AR-1248-3	7.066	5.813	103.9E6	18110150	117.690	64.946 #
24)	L5 AR-1248-4	7.493	5.999	164.8E6	38709317	158.502	116.332 #
25)	L5 AR-1248-5	7.535	6.422	102.1E6	21104630	99.691	59.026 #
26)	L6 AR-1254-1	7.464	6.379	325.9E6	177.9E6	328.035	333.498
27)	L6 AR-1254-2	7.691	6.537	510.2E6	150.1E6	330.082	328.796
28)	L6 AR-1254-3	8.074	6.959	555.7E6	247.5E6	328.766	329.059
29)	L6 AR-1254-4	8.369	7.197	416.7E6	165.4E6	332.227	327.779
30)	L6 AR-1254-5	8.798	7.627	437.2E6	223.0E6	325.371	327.864
31)	L7 AR-1260-1	8.240	7.096	209.5E6	114.8E6	209.679	280.306 #
32)	L7 AR-1260-2	8.503	7.291	246.7E6	101.7E6	200.857	191.494
33)	L7 AR-1260-3	8.861	7.446	56354521	97217376	61.623	203.419 #
34)	L7 AR-1260-4	9.107	7.931	178.2E6	10286948	165.414	25.397 #
35)	L7 AR-1260-5	9.458	8.177	75864174	24774442	33.436	23.009 #
36)	L8 AR-1262-1	8.861	7.627	56354521	223.0E6	35.793	645.781 #
37)	L8 AR-1262-2	9.458	8.177	75864174	24774442	25.323	18.473 #
38)	L8 AR-1262-3	9.817	8.466	52727227	-149943	26.488	N.D. #
39)	L8 AR-1262-4	9.871	8.525	14862201	24462826	9.767	25.035 #
40)	L8 AR-1262-5	10.611	9.030	3819491	1152441	3.510	2.543 #
41)	L9 AR-1268-1	9.817	8.466	52727227	-149943	15.000	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 10:24
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

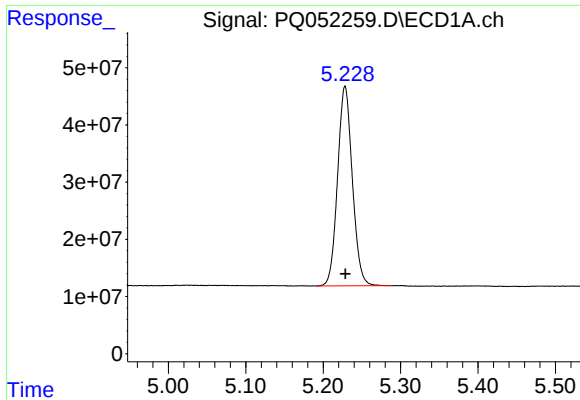
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:45:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
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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	9.871	8.525	14862201	24462826	4.526	16.410 #
43) L9	AR-1268-3	10.131	8.784f	3889275	1946511	1.398	1.552
44) L9	AR-1268-4	10.611	9.030	3819491	1152441	3.132	2.205 #
45) L9	AR-1268-5	11.055	9.332	13091881	1955728	1.340	0.487 #

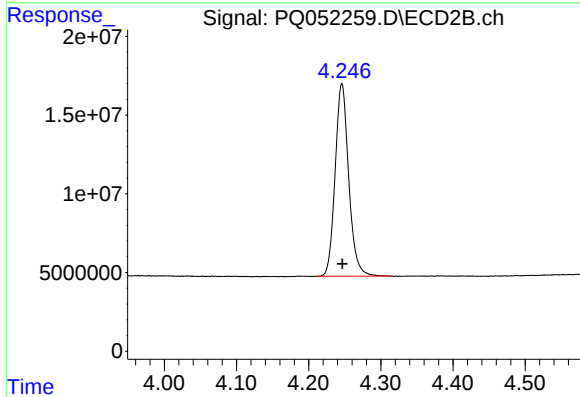
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

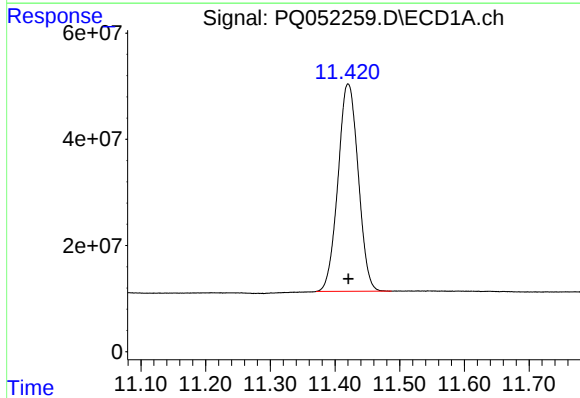
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 462310114
Conc: 18.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



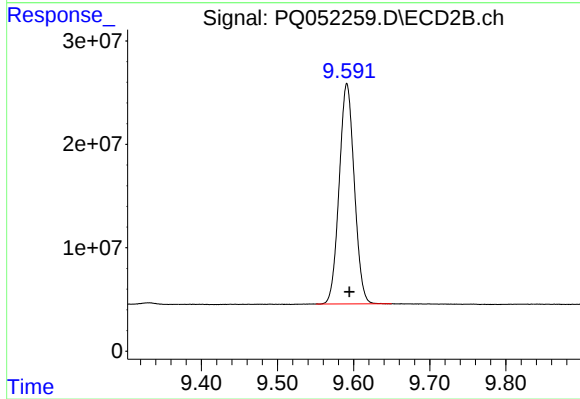
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 159675483
Conc: 19.04 ng/ml



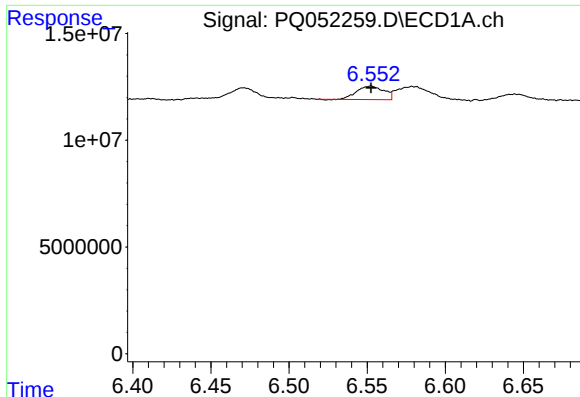
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 849196552
Conc: 41.43 ng/ml



#2 Decachlorobiphenyl

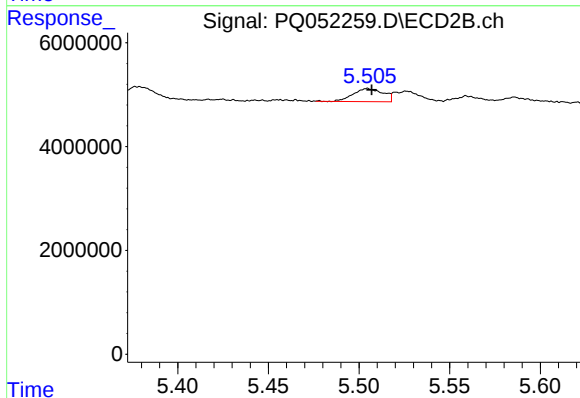
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 293762472
Conc: 38.09 ng/ml



#3 AR-1016-1

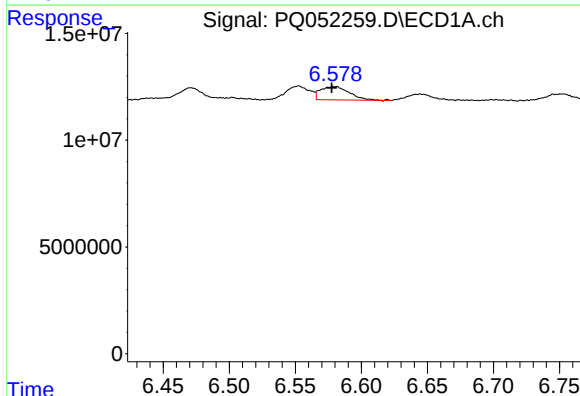
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7663633
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



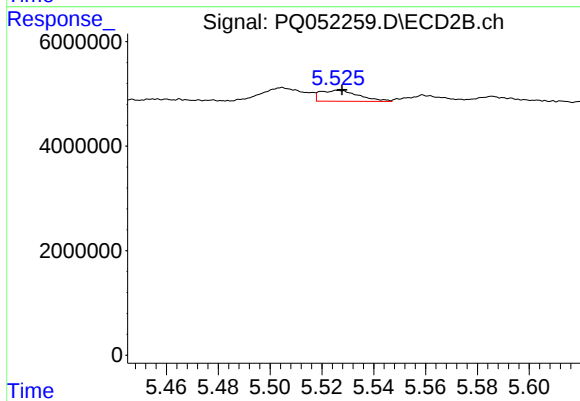
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 2917795
Conc: 9.47 ng/ml



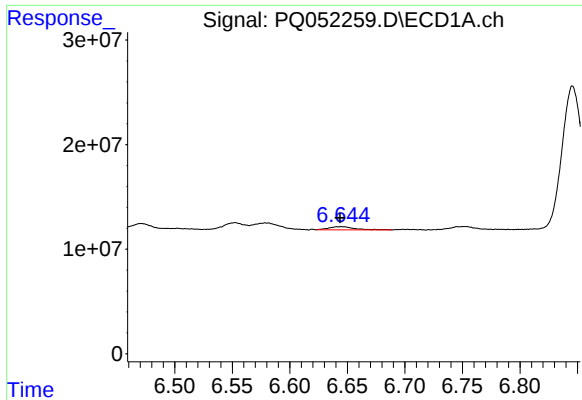
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 9538396
Conc: 8.08 ng/ml



#4 AR-1016-2

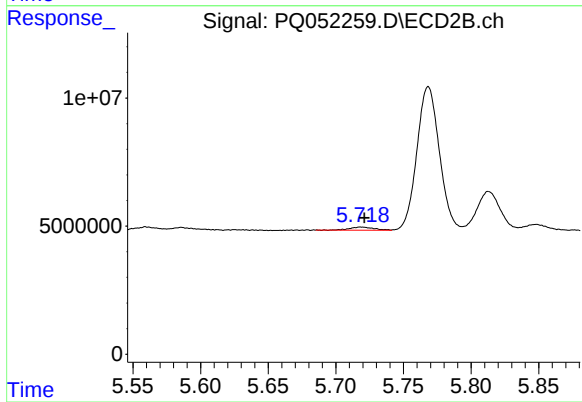
R.T.: 5.527 min
Delta R.T.: -0.001 min
Response: 2186811
Conc: 5.10 ng/ml



#5 AR-1016-3

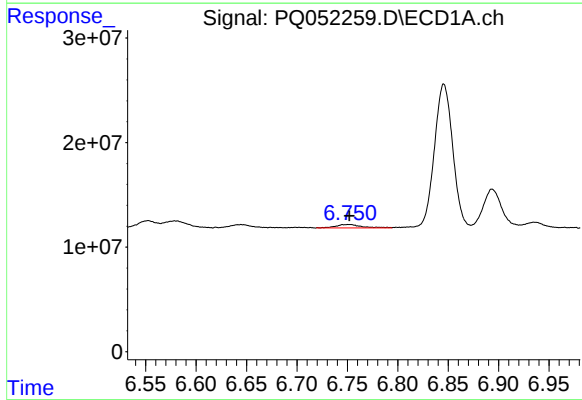
R.T.: 6.645 min
Delta R.T.: 0.001 min
Response: 4510931
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



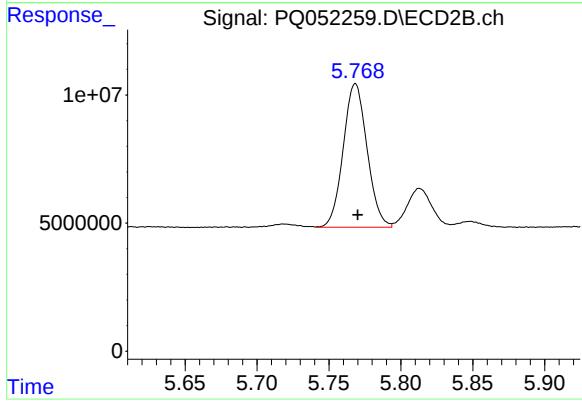
#5 AR-1016-3

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 1486385
Conc: 6.79 ng/ml



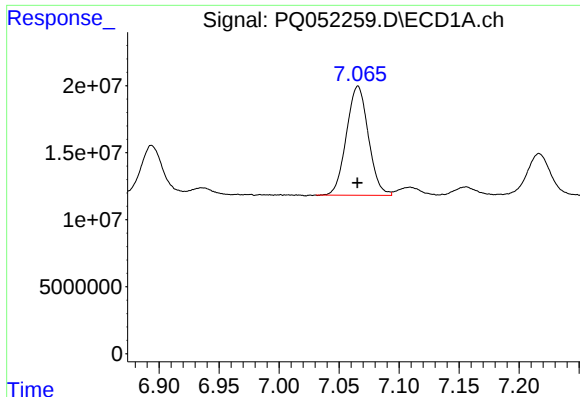
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 5707483
Conc: 9.48 ng/ml



#6 AR-1016-4

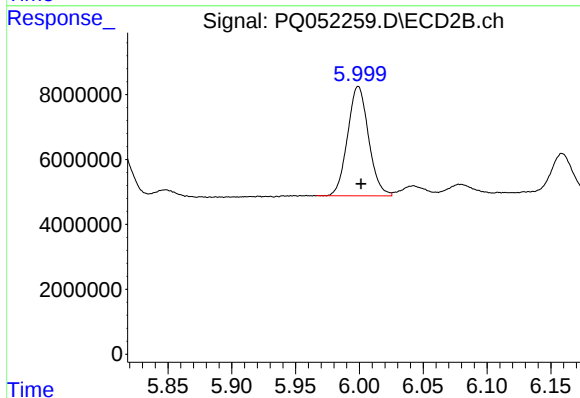
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 64984354
Conc: 388.05 ng/ml



#7 AR-1016-5

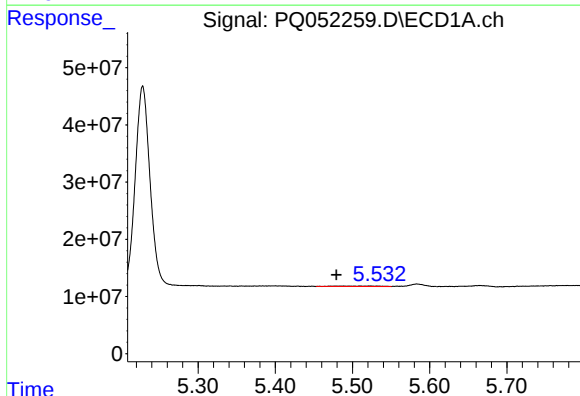
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 103911093
Conc: 184.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



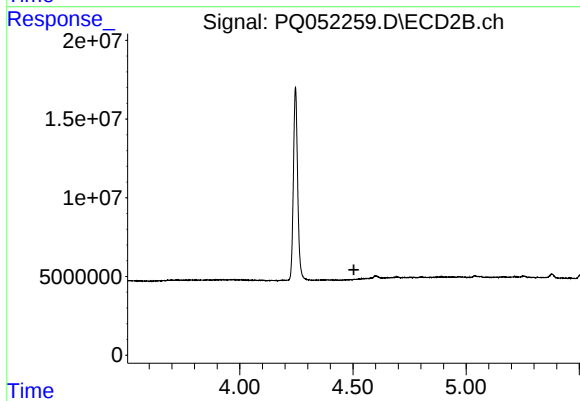
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 38709317
Conc: 181.26 ng/ml



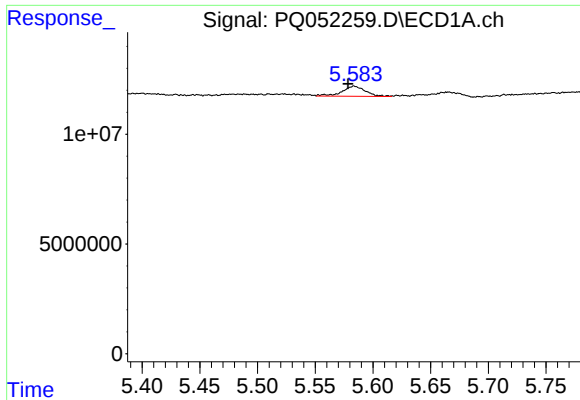
#8 AR-1221-1

R.T.: 5.523 min
Delta R.T.: 0.043 min
Response: 3421373
Conc: 13.42 ng/ml



#8 AR-1221-1

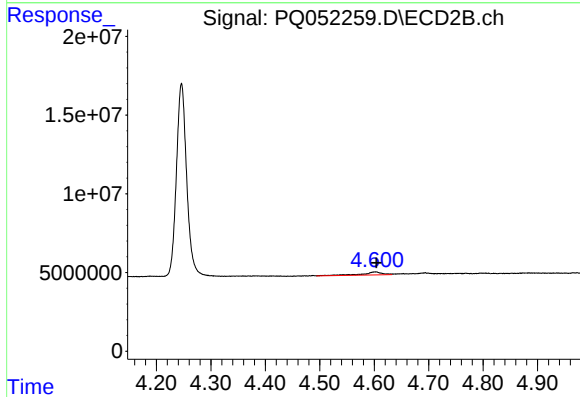
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

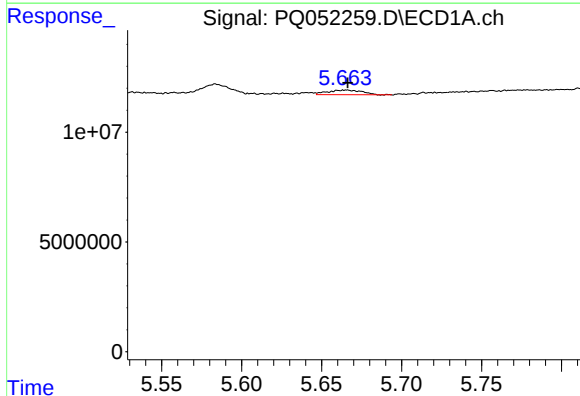
R.T.: 5.584 min
Delta R.T.: 0.005 min
Response: 6513574
Conc: 37.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



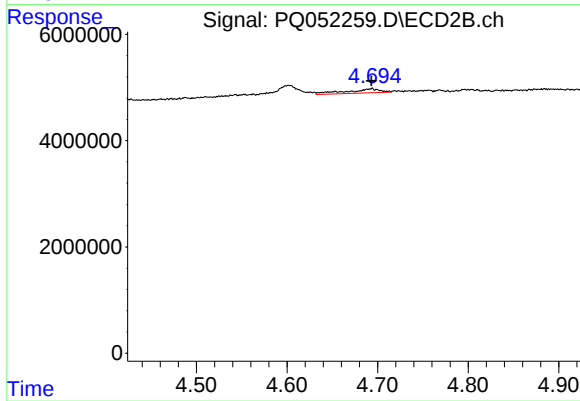
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 4813319
Conc: 76.07 ng/ml



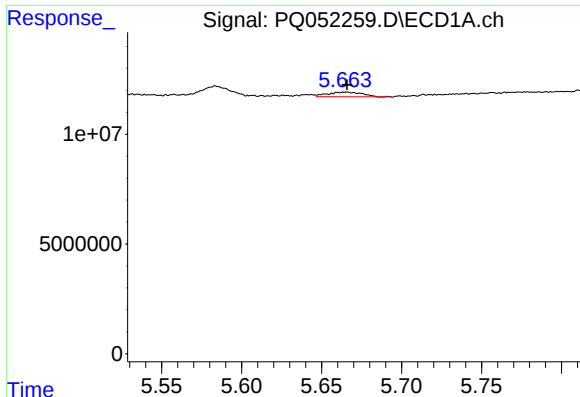
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 3147552
Conc: 5.35 ng/ml



#10 AR-1221-3

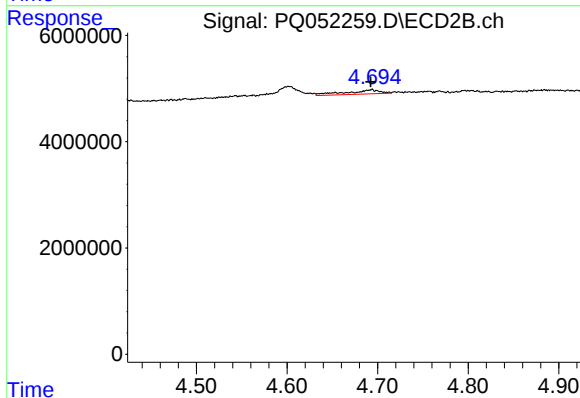
R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 2033937
Conc: 9.43 ng/ml



#11 AR-1232-1

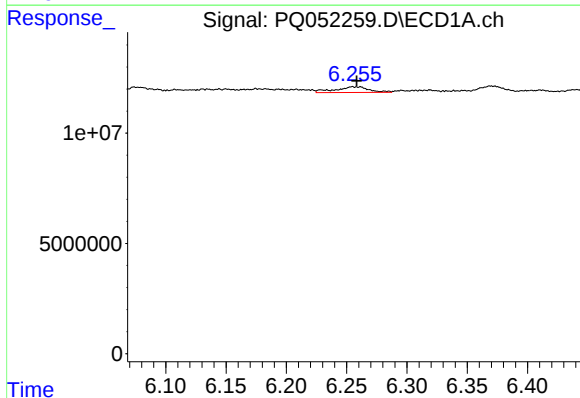
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 3147552
Conc: 6.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



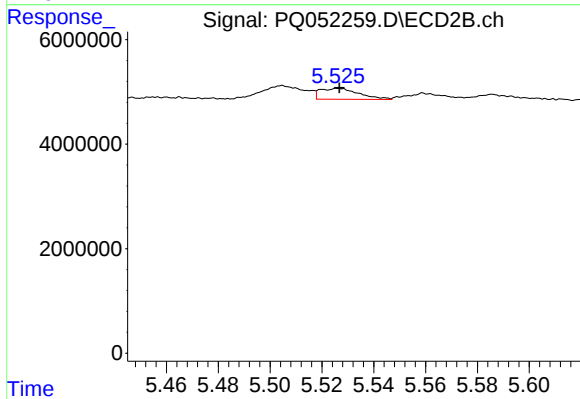
#11 AR-1232-1

R.T.: 4.694 min
Delta R.T.: 0.001 min
Response: 2033937
Conc: 11.25 ng/ml



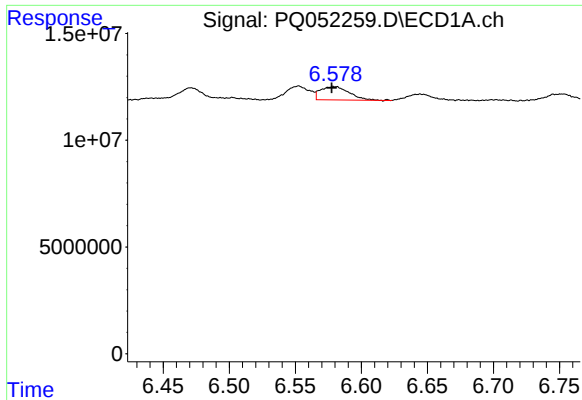
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 5065016
Conc: 19.68 ng/ml



#12 AR-1232-2

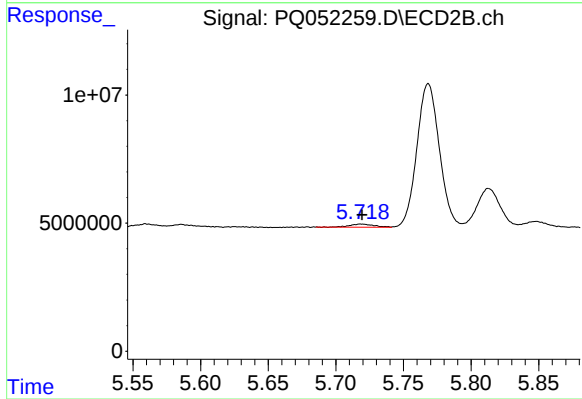
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 2186811
Conc: 11.08 ng/ml



#13 AR-1232-3

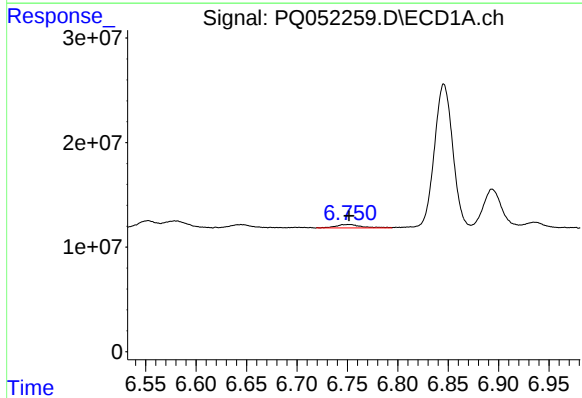
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 9538396
Conc: 18.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



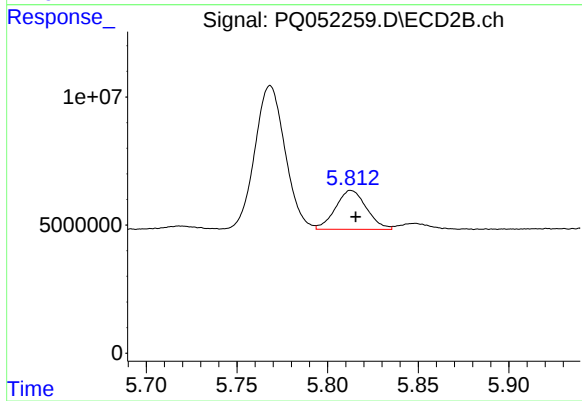
#13 AR-1232-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1486385
Conc: 15.11 ng/ml



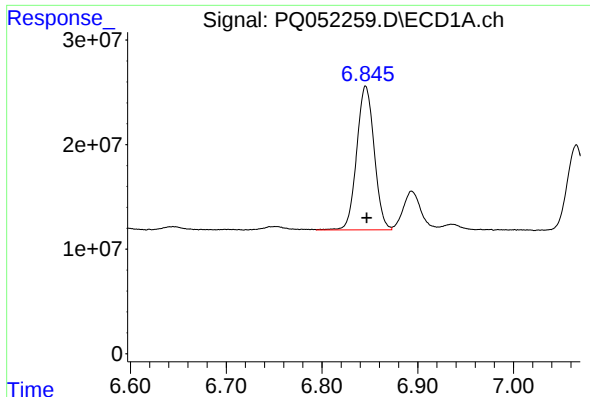
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 5707483
Conc: 21.77 ng/ml



#14 AR-1232-4

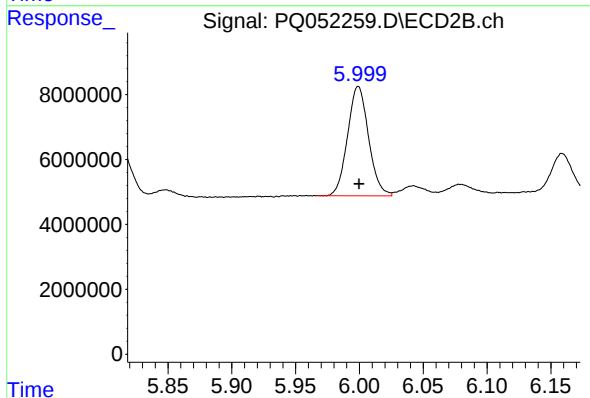
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 18110150
Conc: 218.80 ng/ml



#15 AR-1232-5

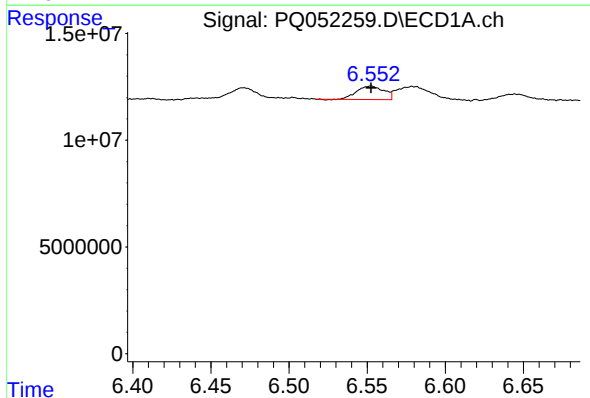
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 174576201
Conc: 944.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



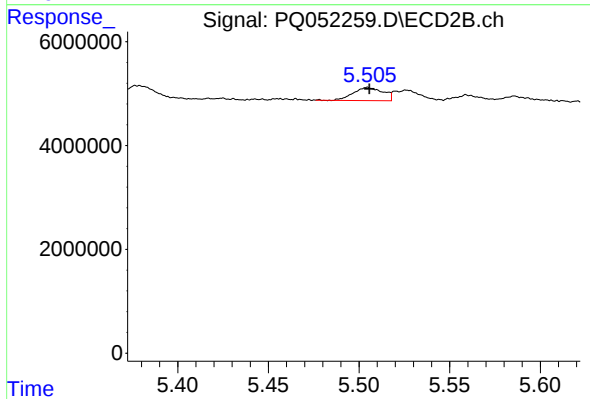
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 38709317
Conc: 435.09 ng/ml



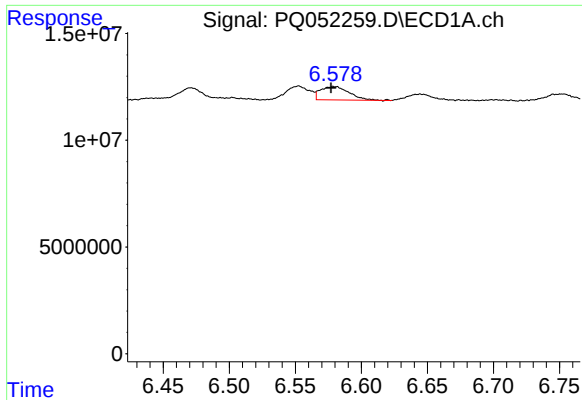
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7663633
Conc: 11.15 ng/ml



#16 AR-1242-1

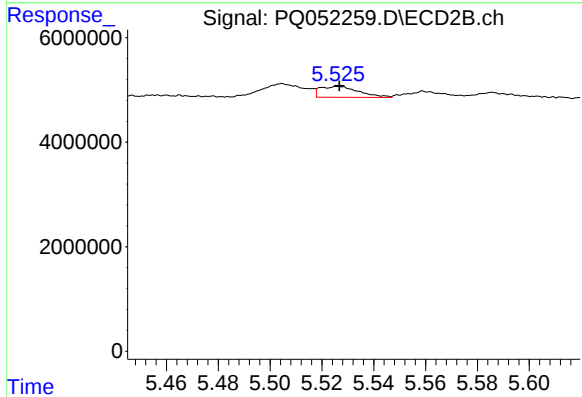
R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 2917795
Conc: 11.08 ng/ml



#17 AR-1242-2

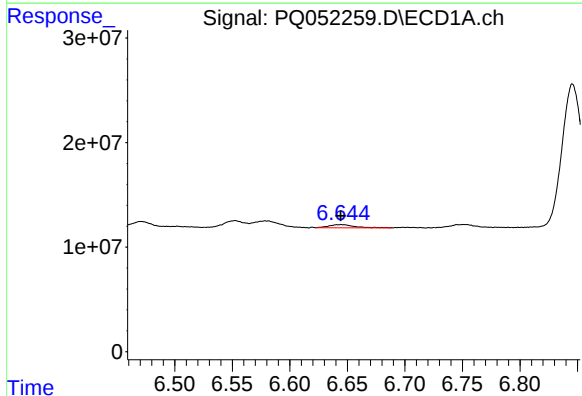
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 9538396
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



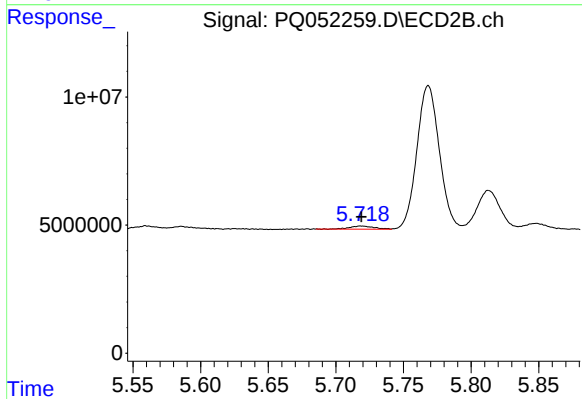
#17 AR-1242-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 2186811
Conc: 5.95 ng/ml



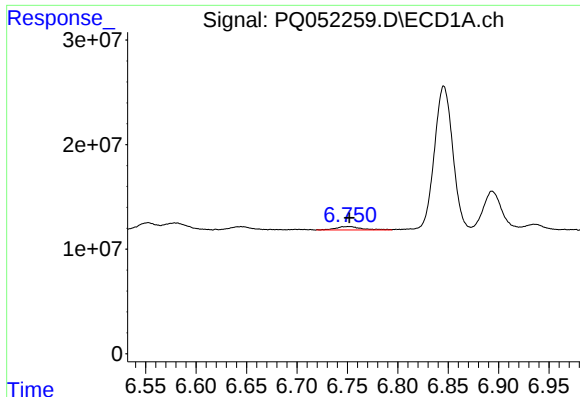
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 4510931
Conc: 7.43 ng/ml



#18 AR-1242-3

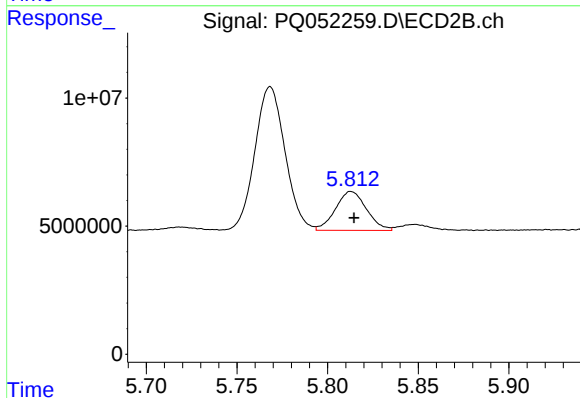
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1486385
Conc: 7.80 ng/ml



#19 AR-1242-4

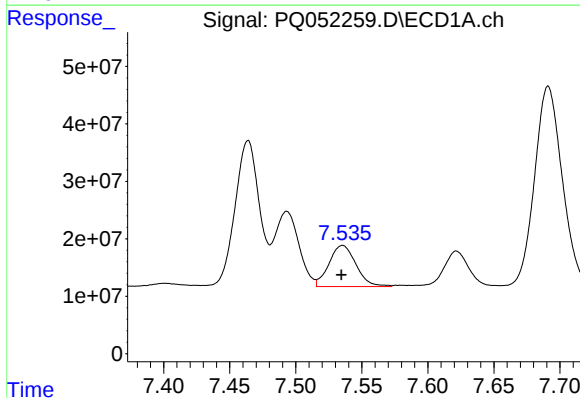
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 5707483
Conc: 11.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



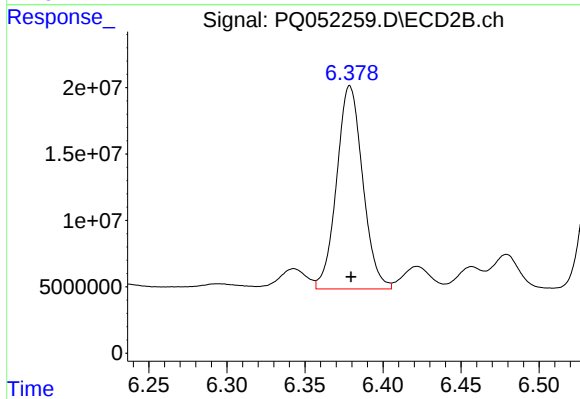
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 18110150
Conc: 102.54 ng/ml



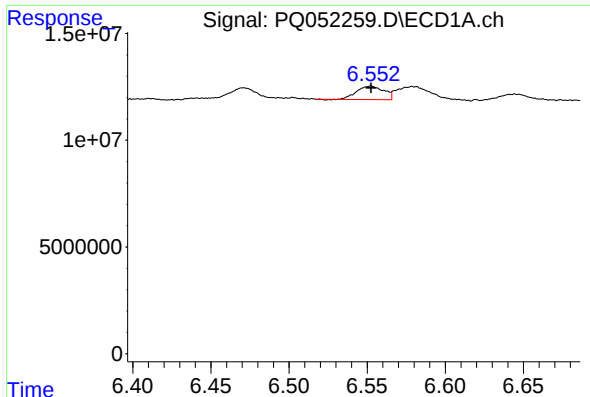
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 102121706
Conc: 181.01 ng/ml



#20 AR-1242-5

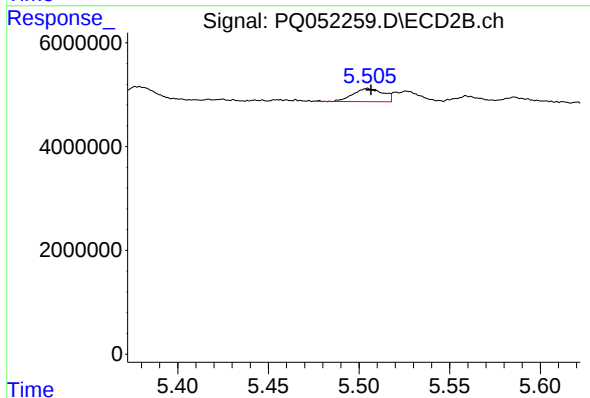
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 177851294
Conc: 709.38 ng/ml



#21 AR-1248-1

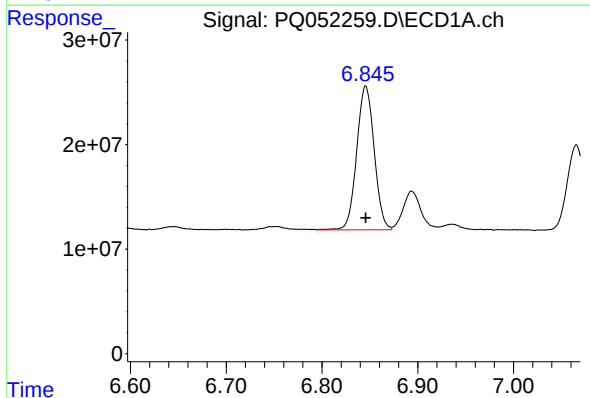
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 7663633
Conc: 13.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



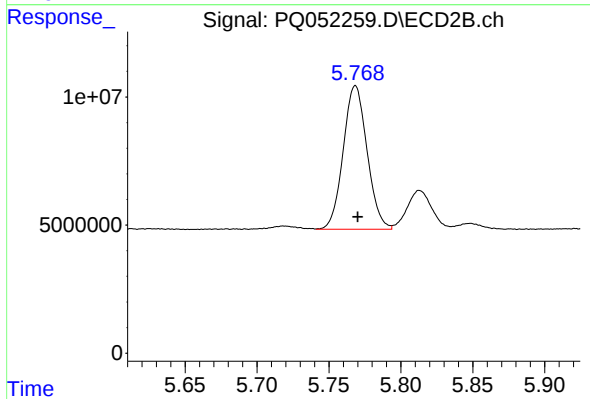
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 2917795
Conc: 14.19 ng/ml



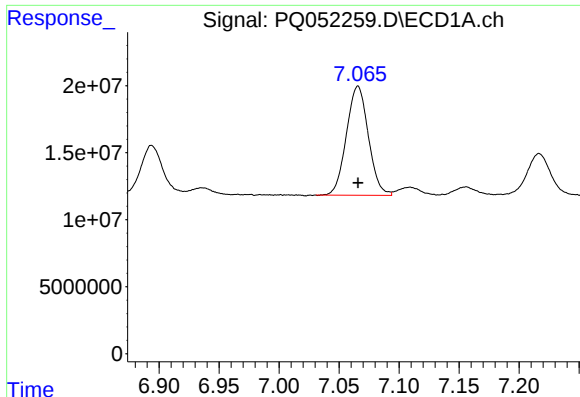
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 174576201
Conc: 227.13 ng/ml



#22 AR-1248-2

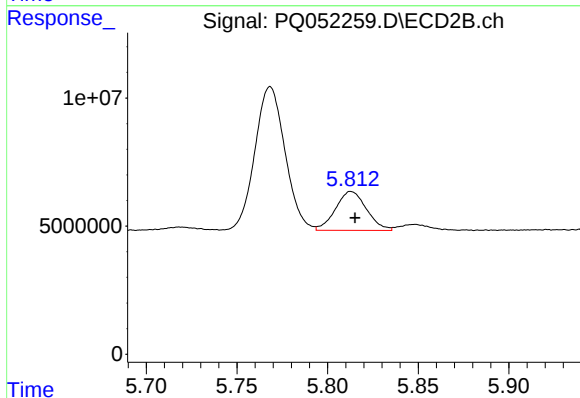
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 64984354
Conc: 240.43 ng/ml



#23 AR-1248-3

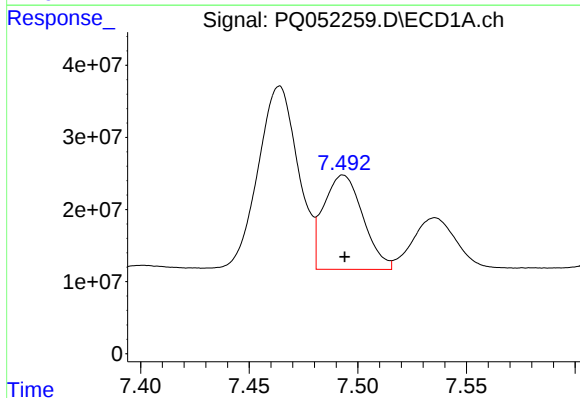
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 103911093
Conc: 117.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



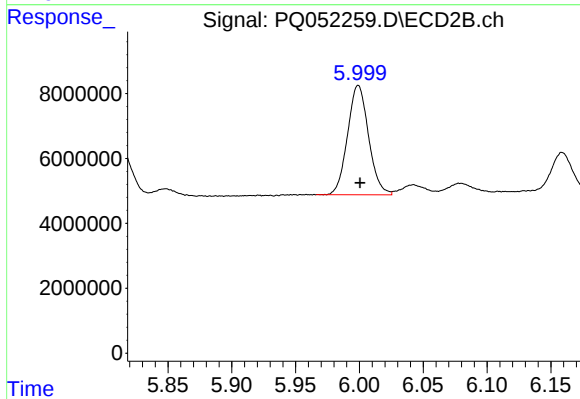
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 18110150
Conc: 64.95 ng/ml



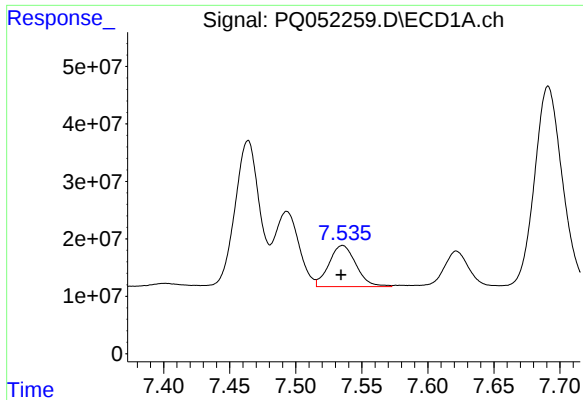
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 164791706
Conc: 158.50 ng/ml



#24 AR-1248-4

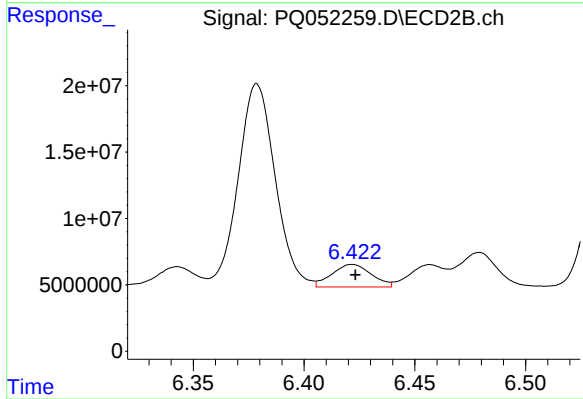
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 38709317
Conc: 116.33 ng/ml



#25 AR-1248-5

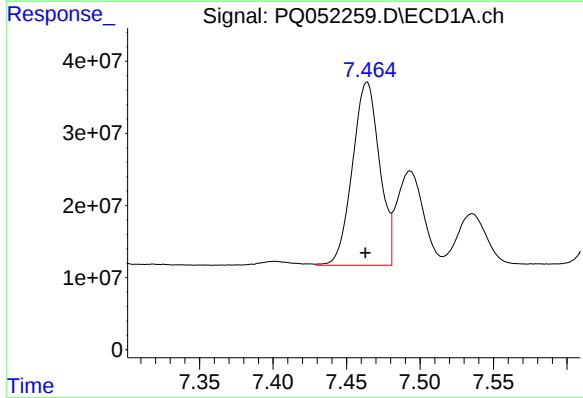
R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 102121706
Conc: 99.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



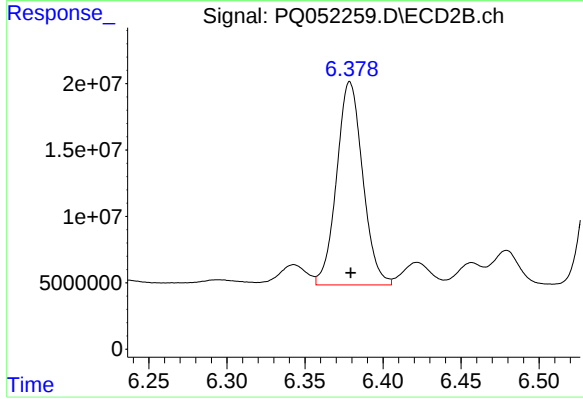
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 21104630
Conc: 59.03 ng/ml



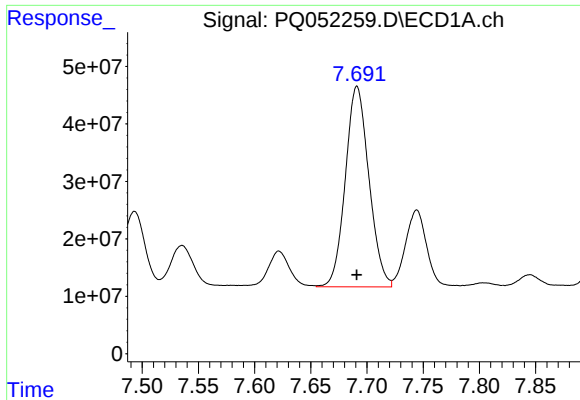
#26 AR-1254-1

R.T.: 7.464 min
Delta R.T.: 0.001 min
Response: 325873990
Conc: 328.04 ng/ml



#26 AR-1254-1

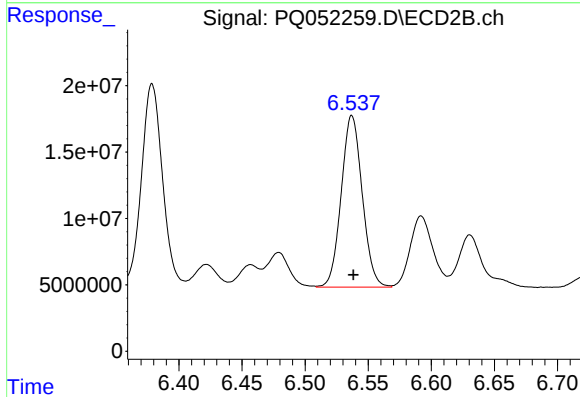
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 177851294
Conc: 333.50 ng/ml



#27 AR-1254-2

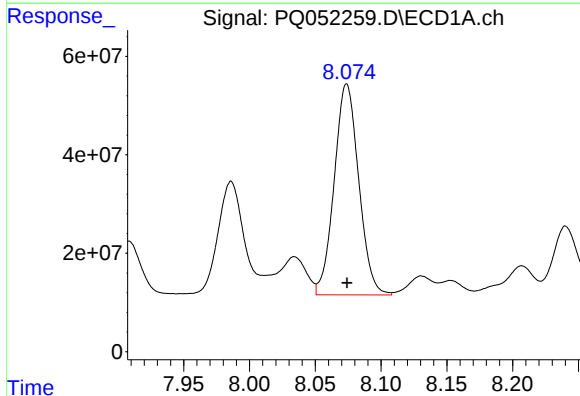
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 510183601
Conc: 330.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



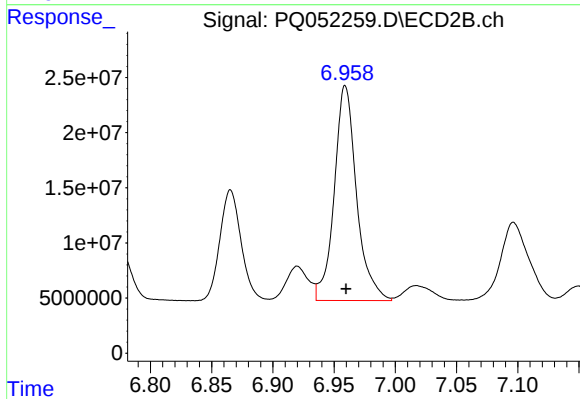
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 150136407
Conc: 328.80 ng/ml



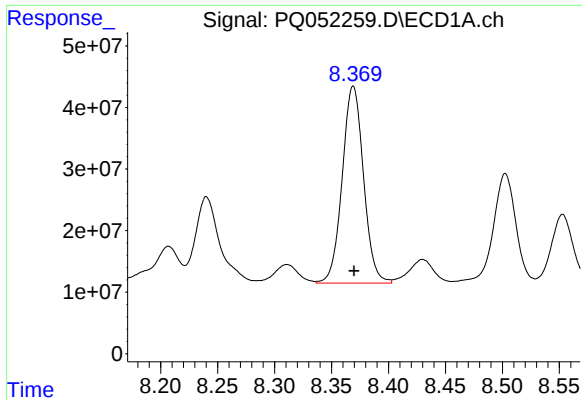
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 555664925
Conc: 328.77 ng/ml



#28 AR-1254-3

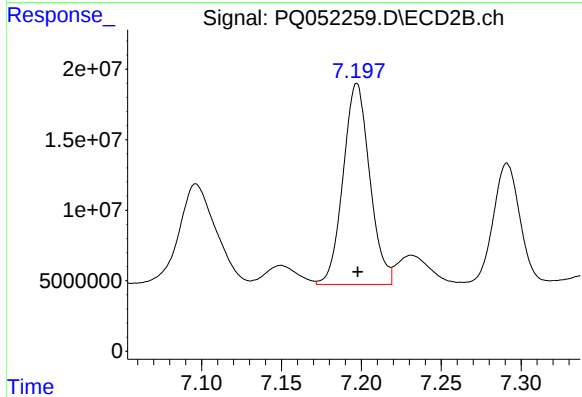
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 247455884
Conc: 329.06 ng/ml



#29 AR-1254-4

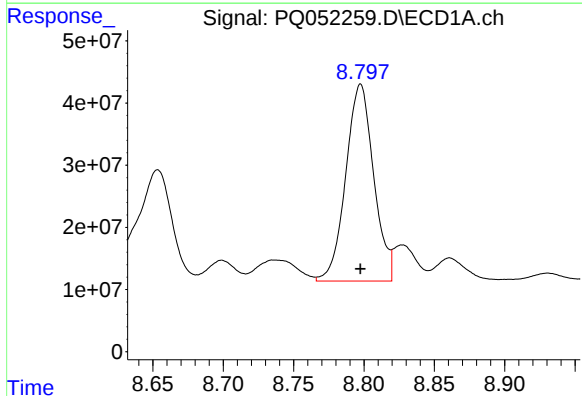
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 416714648
Conc: 332.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



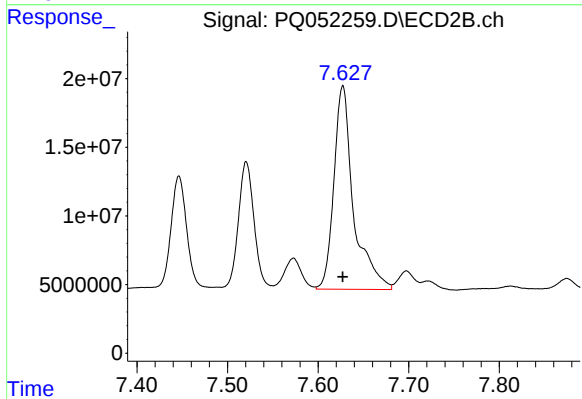
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 165377201
Conc: 327.78 ng/ml



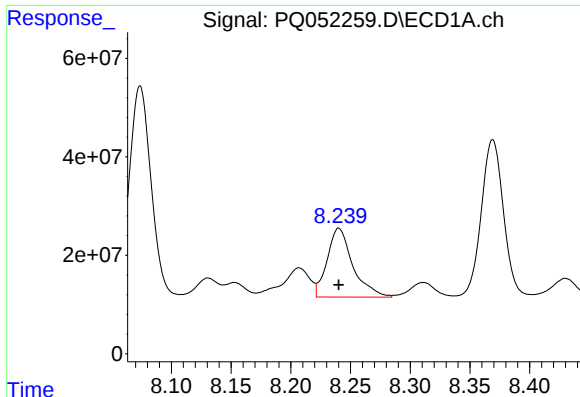
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 437236398
Conc: 325.37 ng/ml



#30 AR-1254-5

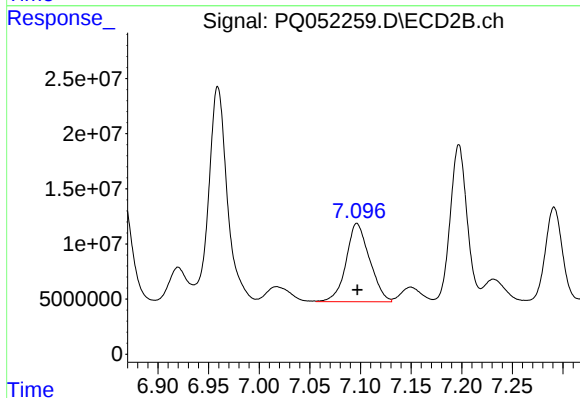
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 222996913
Conc: 327.86 ng/ml



#31 AR-1260-1

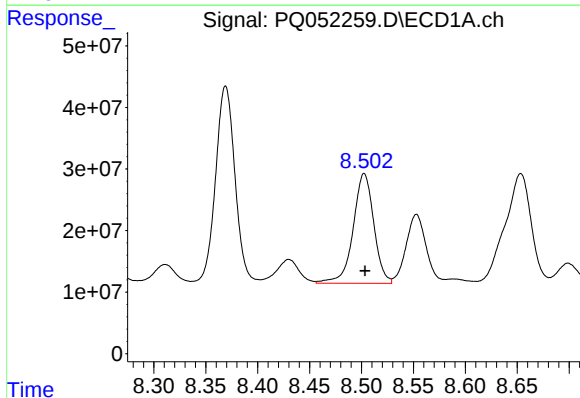
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 209547219
Conc: 209.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



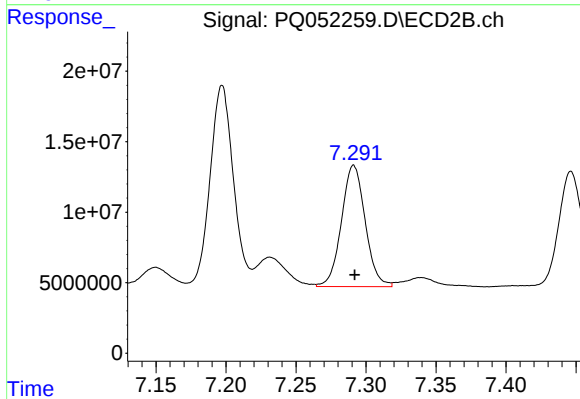
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 114806445
Conc: 280.31 ng/ml



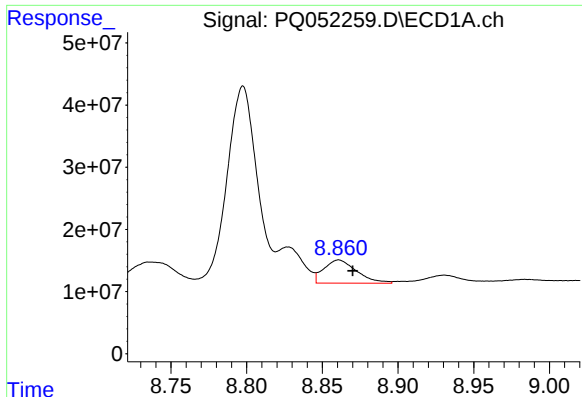
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 246707767
Conc: 200.86 ng/ml



#32 AR-1260-2

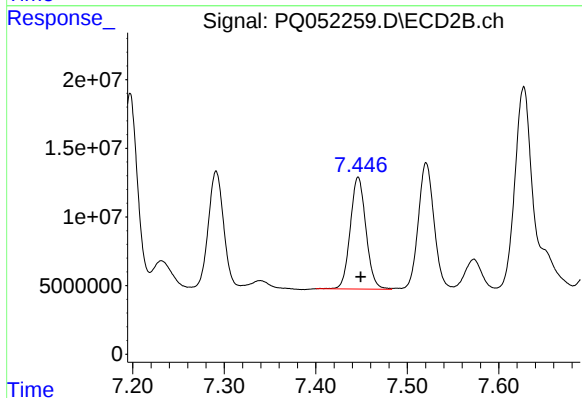
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 101674600
Conc: 191.49 ng/ml



#33 AR-1260-3

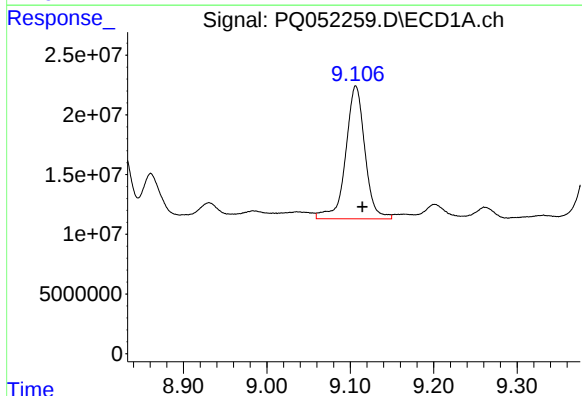
R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 56354521
Conc: 61.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



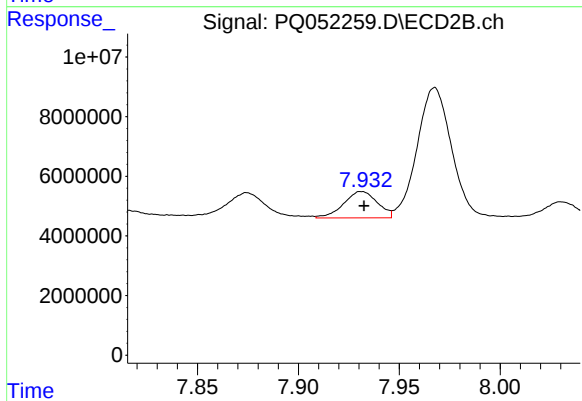
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 97217376
Conc: 203.42 ng/ml



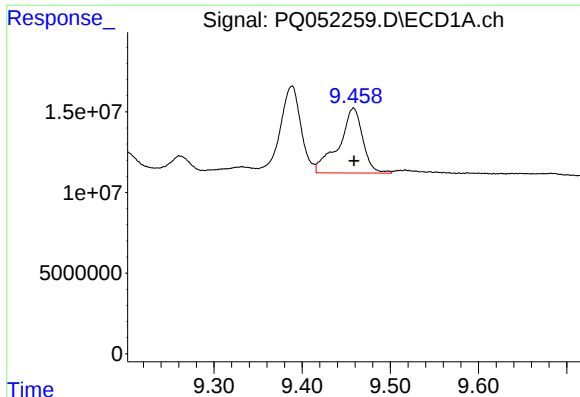
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.008 min
Response: 178219432
Conc: 165.41 ng/ml



#34 AR-1260-4

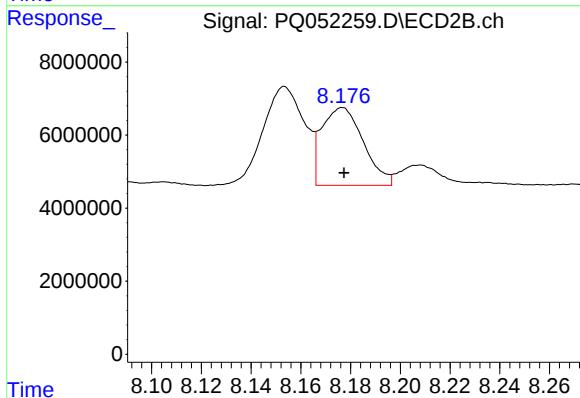
R.T.: 7.931 min
Delta R.T.: -0.001 min
Response: 10286948
Conc: 25.40 ng/ml



#35 AR-1260-5

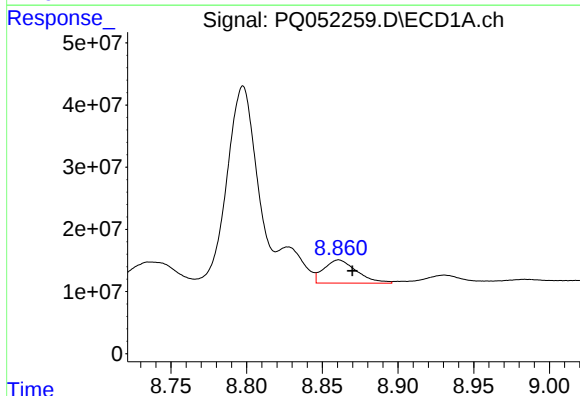
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 75864174
Conc: 33.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



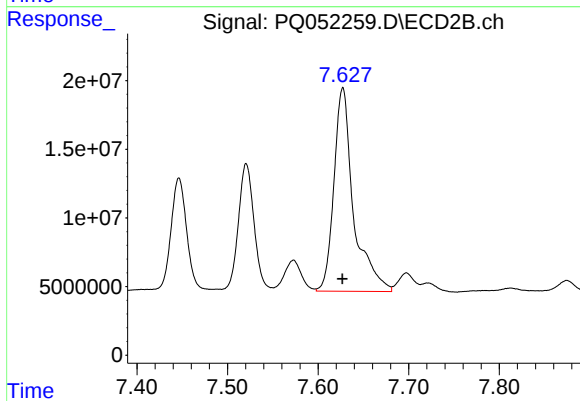
#35 AR-1260-5

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 24774442
Conc: 23.01 ng/ml



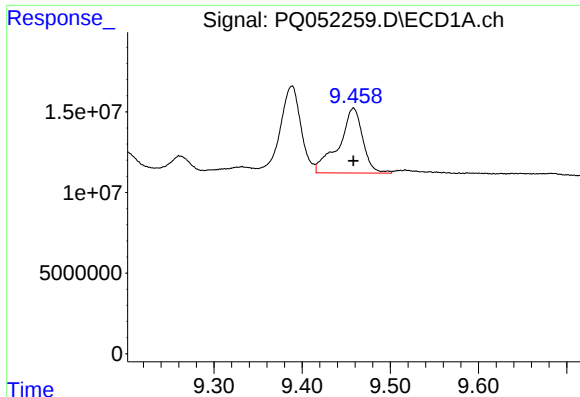
#36 AR-1262-1

R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 56354521
Conc: 35.79 ng/ml



#36 AR-1262-1

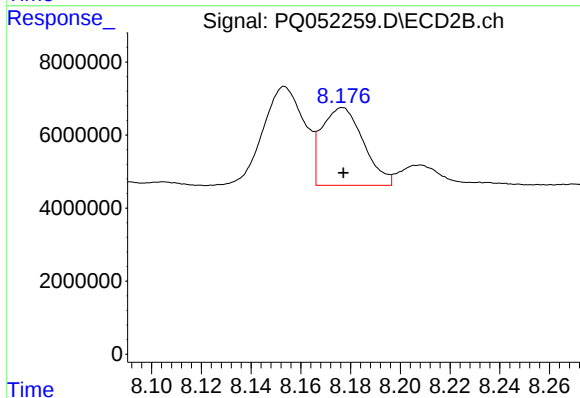
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 222996913
Conc: 645.78 ng/ml



#37 AR-1262-2

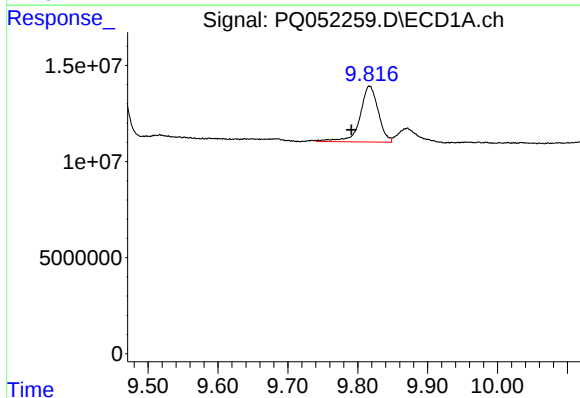
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 75864174
Conc: 25.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



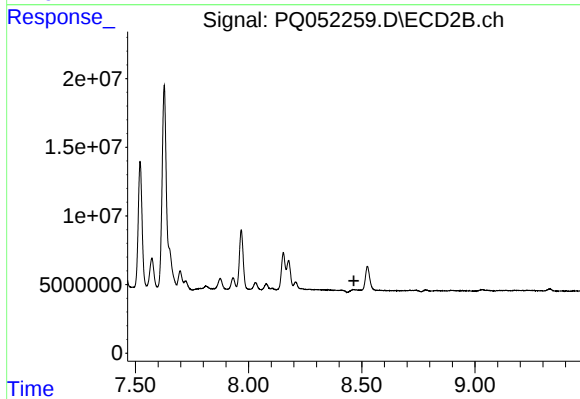
#37 AR-1262-2

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 24774442
Conc: 18.47 ng/ml



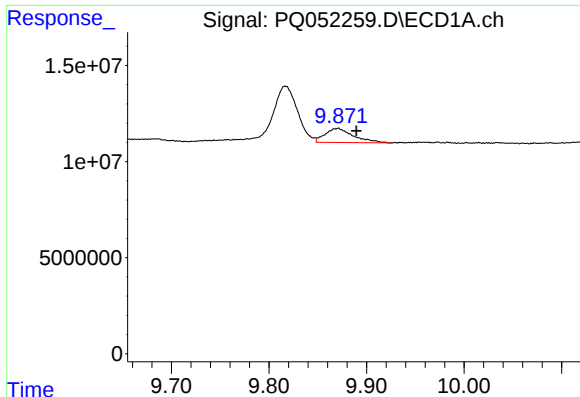
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.026 min
Response: 52727227
Conc: 26.49 ng/ml



#38 AR-1262-3

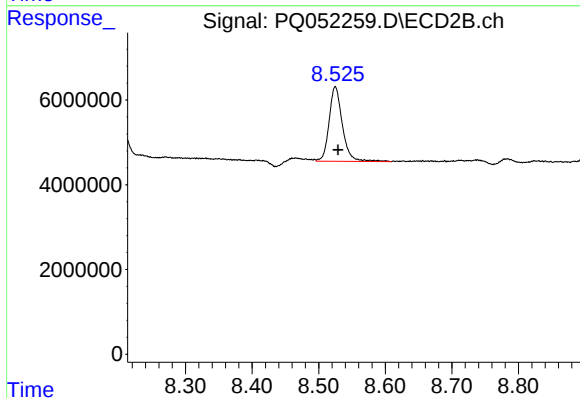
R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: -149943
Conc: N.D.



#39 AR-1262-4

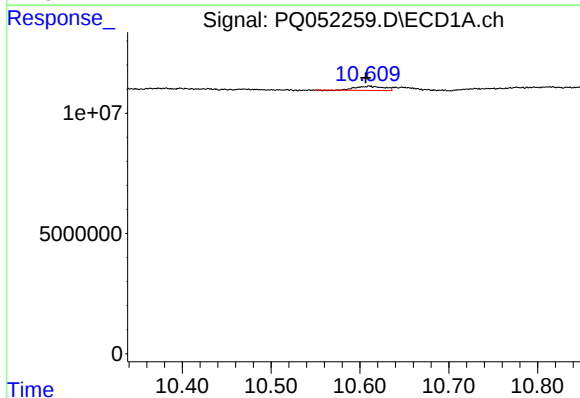
R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 14862201
Conc: 9.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



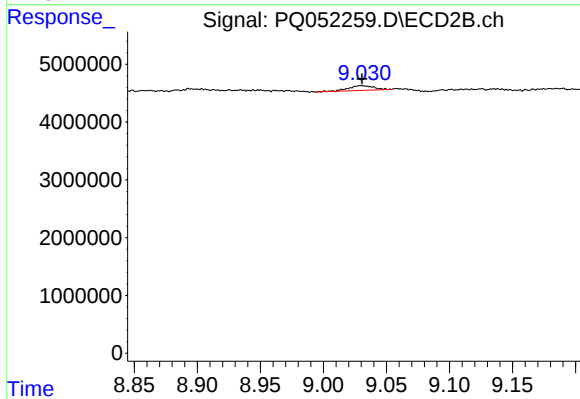
#39 AR-1262-4

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 24462826
Conc: 25.03 ng/ml



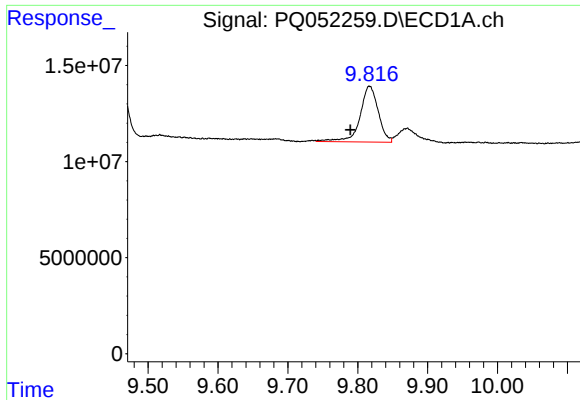
#40 AR-1262-5

R.T.: 10.611 min
Delta R.T.: 0.004 min
Response: 3819491
Conc: 3.51 ng/ml



#40 AR-1262-5

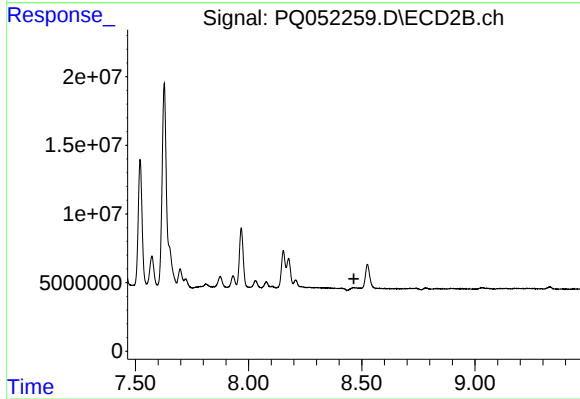
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 1152441
Conc: 2.54 ng/ml



#41 AR-1268-1

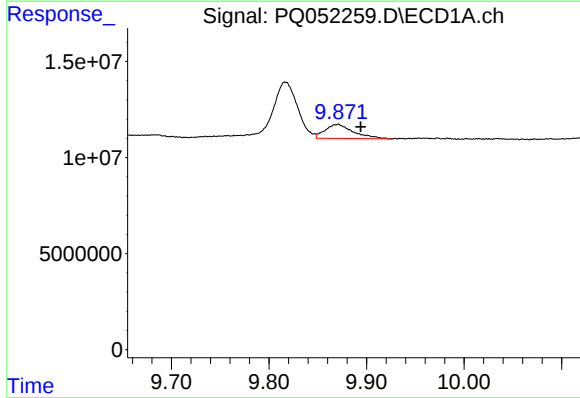
R.T.: 9.817 min
Delta R.T.: 0.027 min
Response: 52727227
Conc: 15.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



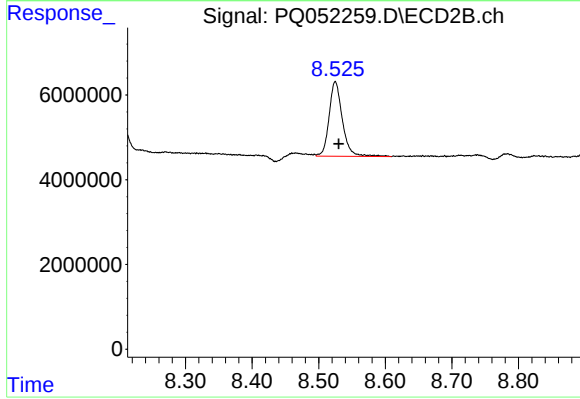
#41 AR-1268-1

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: -149943
Conc: N.D.



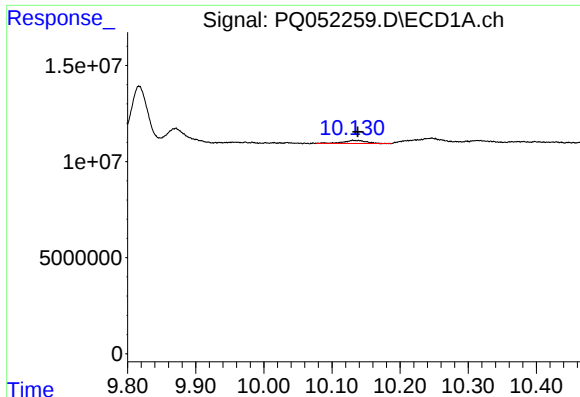
#42 AR-1268-2

R.T.: 9.871 min
Delta R.T.: -0.023 min
Response: 14862201
Conc: 4.53 ng/ml



#42 AR-1268-2

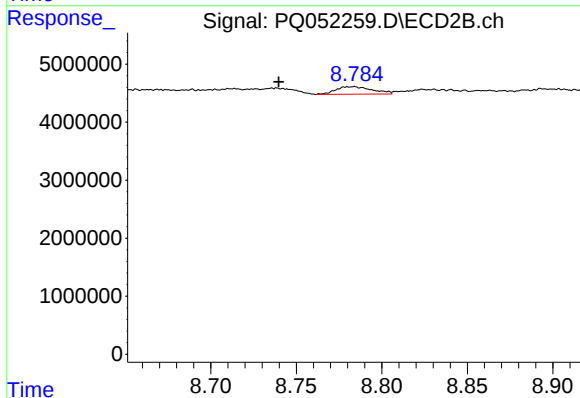
R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 24462826
Conc: 16.41 ng/ml



#43 AR-1268-3

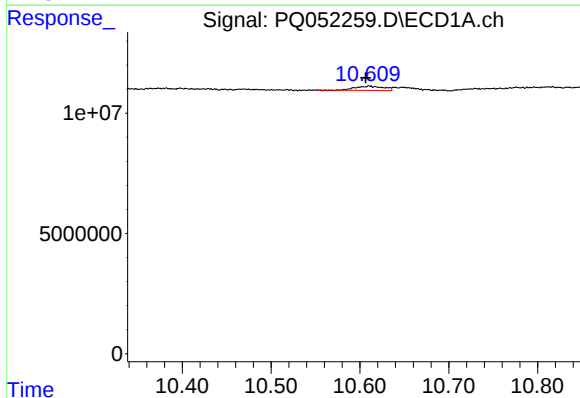
R.T.: 10.131 min
Delta R.T.: -0.007 min
Response: 3889275
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



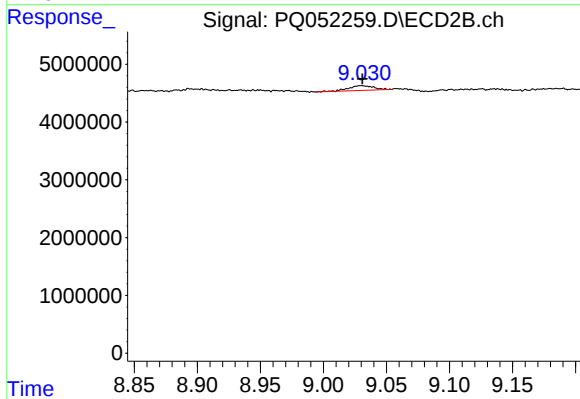
#43 AR-1268-3

R.T.: 8.784 min
Delta R.T.: 0.044 min
Response: 1946511
Conc: 1.55 ng/ml



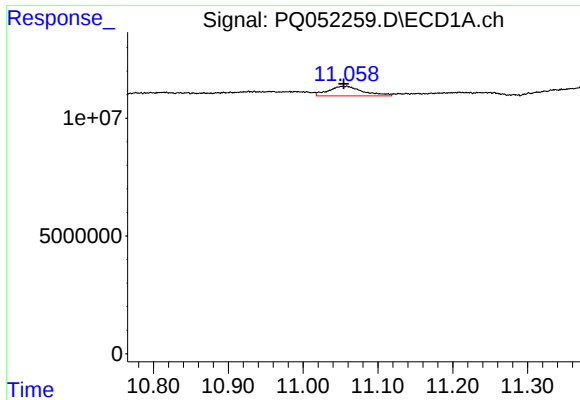
#44 AR-1268-4

R.T.: 10.611 min
Delta R.T.: 0.004 min
Response: 3819491
Conc: 3.13 ng/ml



#44 AR-1268-4

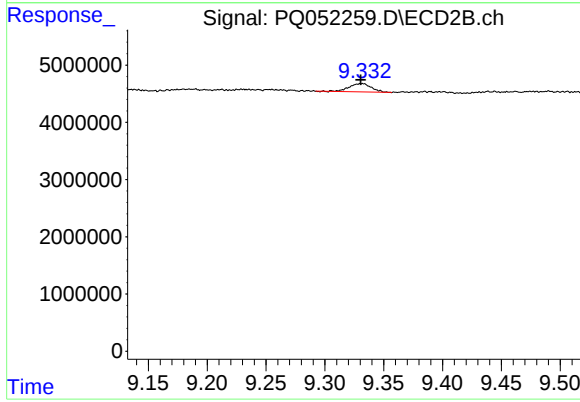
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 1152441
Conc: 2.20 ng/ml



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 13091881
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.001 min
Response: 1955728
Conc: 0.49 ng/ml