

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111119\
 Data File : PQ044923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2019 11:08
 Operator : SM\AJ
 Sample : K5719-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 17:15:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.101	4.308	169.8E6	111.5E6	21.388	23.655
2)	SA Decachlor...	11.168	9.726	110.2E6	125.0E6	15.909	18.420
Target Compounds							
3)	L1 AR-1016-1	0.000	5.542	0	2607047	N.D.	14.155 #
4)	L1 AR-1016-2	0.000	5.542	0	2607047	N.D.	9.866 #
5)	L1 AR-1016-3	0.000	5.862	0	2326916	N.D.	18.030 #
6)	L1 AR-1016-4	0.000	5.862	0	2326916	N.D.	21.429 #
9)	L2 AR-1221-2	5.454	4.672	1933445	1761626	32.931	44.620 #
10)	L2 AR-1221-3	0.000	4.760	0	960069	N.D.	7.345 #
11)	L3 AR-1232-1	0.000	4.760	0	960069	N.D.	8.324 #
12)	L3 AR-1232-2	6.140	5.542	3392517	2607047	37.826	20.961 #
13)	L3 AR-1232-3	0.000	5.862	0	2326916	N.D.	39.293 #
14)	L3 AR-1232-4	0.000	5.922	0	4251798	N.D.	70.729 #
15)	L3 AR-1232-5	0.000	6.018	0	2065876	N.D.	28.365 #
16)	L4 AR-1242-1	0.000	5.542	0	2607047	N.D.	16.628 #
17)	L4 AR-1242-2	0.000	5.542	0	2607047	N.D.	11.652 #
18)	L4 AR-1242-3	0.000	5.862	0	2326916	N.D.	20.936 #
19)	L4 AR-1242-4	0.000	5.922	0	4251798	N.D.	35.656 #
20)	L4 AR-1242-5	0.000	6.430	0	984731	N.D.	5.997 #
21)	L5 AR-1248-1	0.000	5.542	0	2607047	N.D.	20.948 #
22)	L5 AR-1248-2	0.000	5.862	0	2326916	N.D.	13.669 #
23)	L5 AR-1248-3	0.000	5.922	0	4251798	N.D.	23.774 #
24)	L5 AR-1248-4	0.000	6.018	0	2065876	N.D.	9.491 #
25)	L5 AR-1248-5	0.000	6.516	0	14174366	N.D.	63.566 #
26)	L6 AR-1254-1	0.000	6.430	0	984731	N.D.	2.707 #
27)	L6 AR-1254-2	7.566	6.579	12535558	1242823	25.248	3.859 #
28)	L6 AR-1254-3	7.952	7.096	-129231	13809339	N.D.	24.895 #
29)	L6 AR-1254-4	0.000	7.287	0	3479302	N.D.	9.734 #
30)	L6 AR-1254-5	0.000	7.664	0	1487732	N.D.	2.975 #
31)	L7 AR-1260-1	0.000	7.210	0	6513256	N.D.	21.259 #
32)	L7 AR-1260-2	0.000	7.381	0	3243341	N.D.	8.214 #
34)	L7 AR-1260-4	8.995	0.000	20933532	0	55.049	N.D. #
35)	L7 AR-1260-5	9.364	8.256	1881965	16123571	2.445	20.602 #
36)	L8 AR-1262-1	0.000	7.664	0	1487732	N.D.	5.878 #
37)	L8 AR-1262-2	9.364	8.256	1881965	16123571	2.084	16.340 #
38)	L8 AR-1262-3	0.000	8.548	0	6410589	N.D.	16.637 #
39)	L8 AR-1262-4	0.000	8.657	0	5425140	N.D.	7.364 #
40)	L8 AR-1262-5	0.000	9.156	0	1824604	N.D.	5.241 #
41)	L9 AR-1268-1	0.000	8.548	0	6410589	N.D.	5.331 #
42)	L9 AR-1268-2	0.000	8.657	0	5425140	N.D.	4.872 #
43)	L9 AR-1268-3	0.000	8.841	0	1701430	N.D.	1.829 #
44)	L9 AR-1268-4	0.000	9.156	0	1824604	N.D.	4.530 #

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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
45) L9	AR-1268-5	0.000	9.459	0	1077826	N.D.	0.357 #

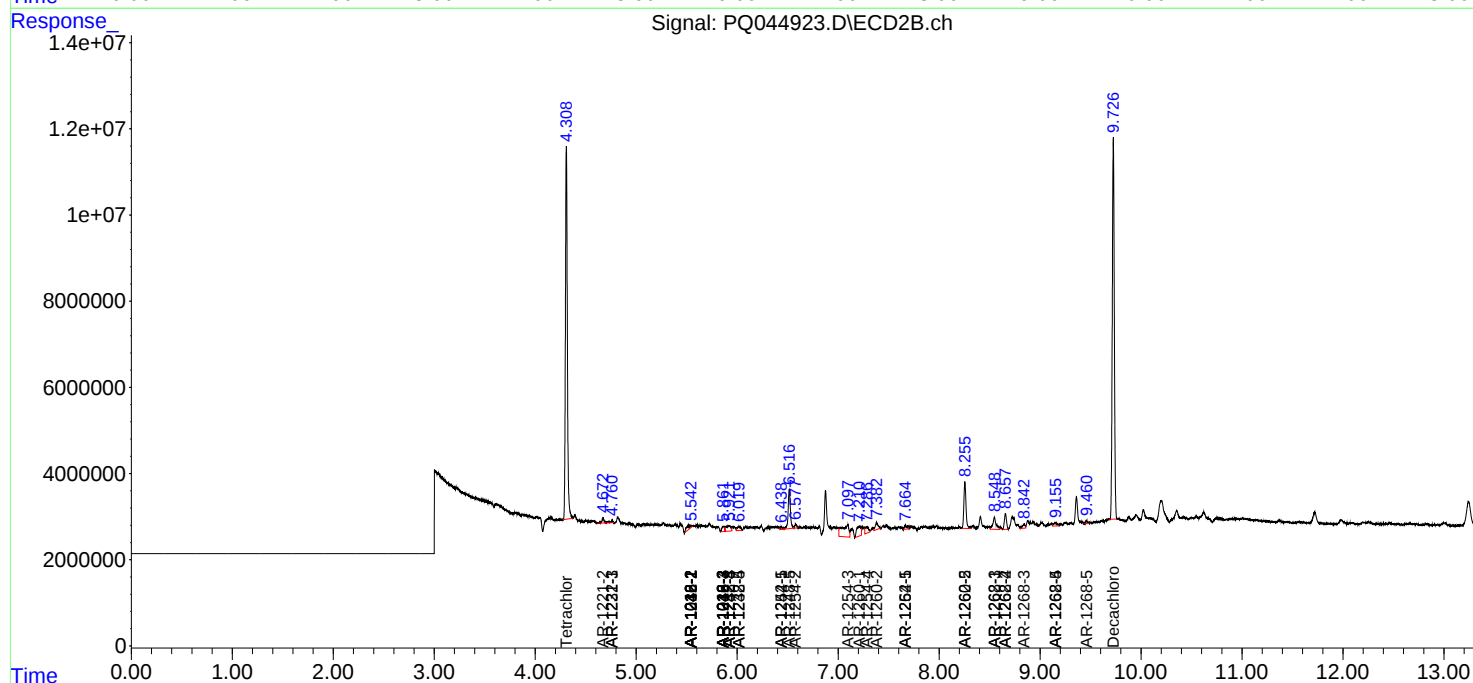
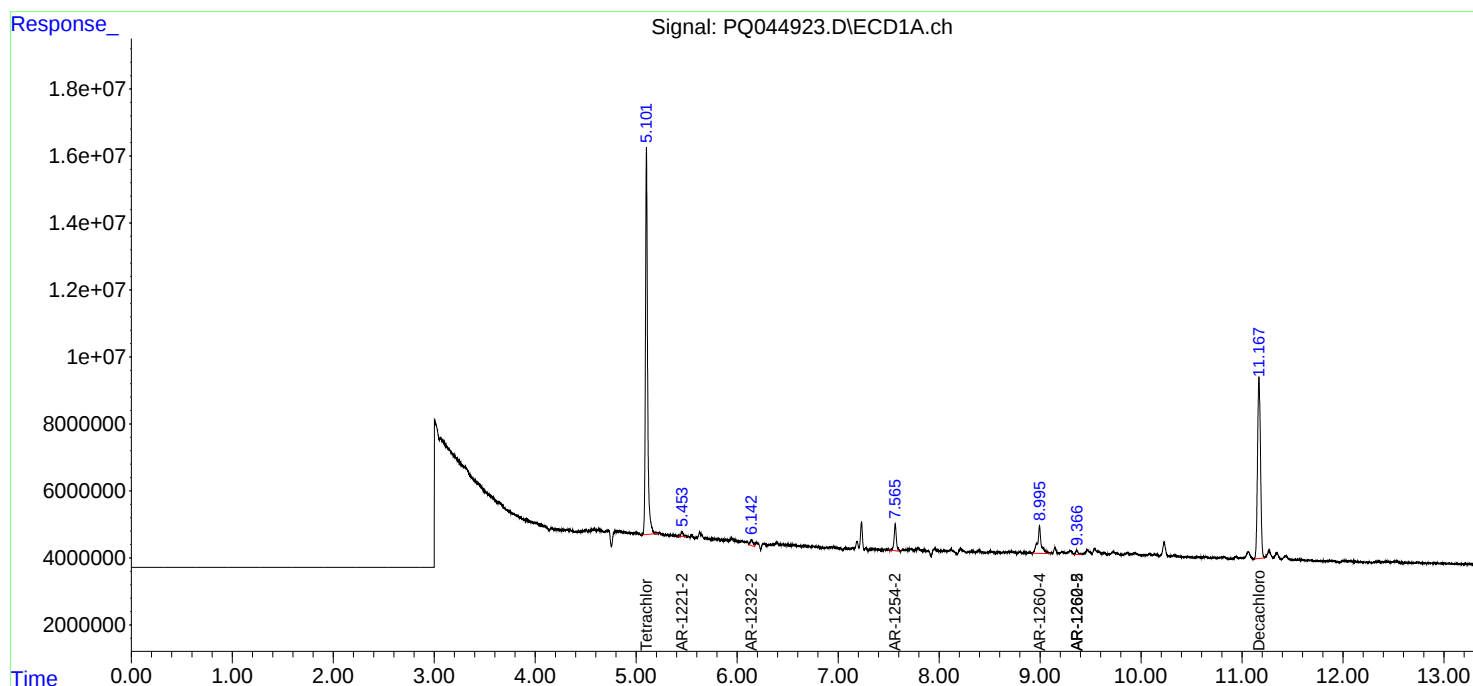
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

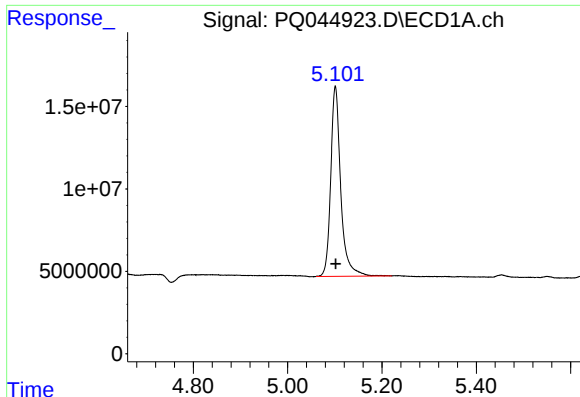
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111119\
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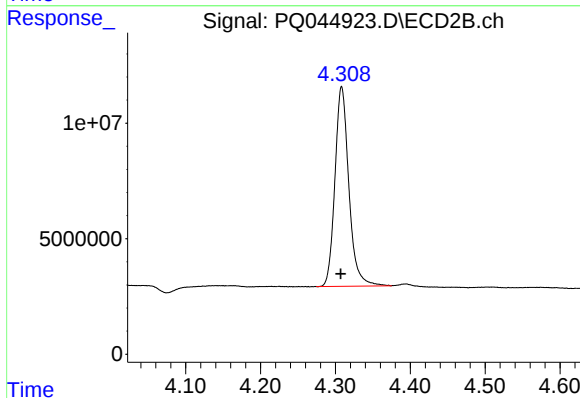




#1 Tetrachloro-m-xylene

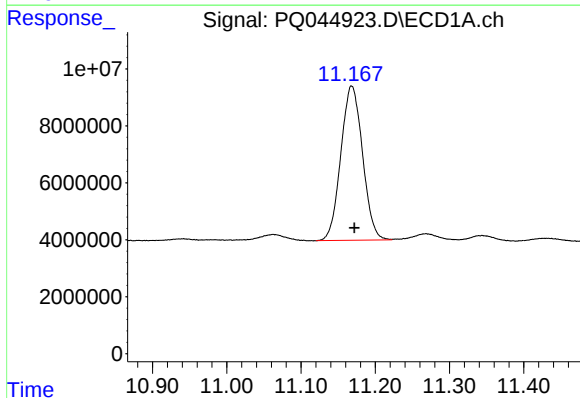
R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 169776642
Conc: 21.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



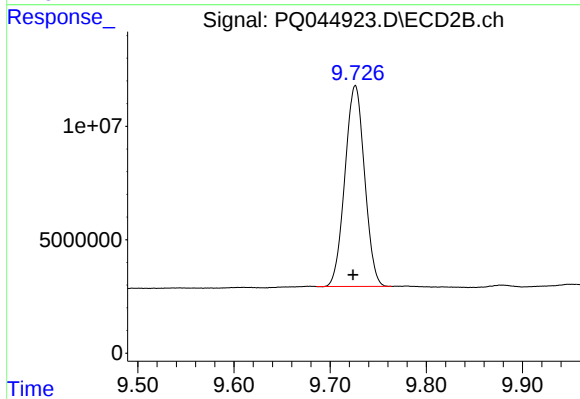
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.001 min
Response: 111537775
Conc: 23.65 ng/ml



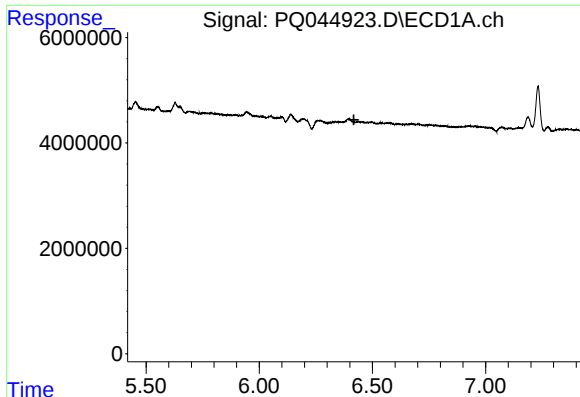
#2 Decachlorobiphenyl

R.T.: 11.168 min
Delta R.T.: -0.003 min
Response: 110186500
Conc: 15.91 ng/ml



#2 Decachlorobiphenyl

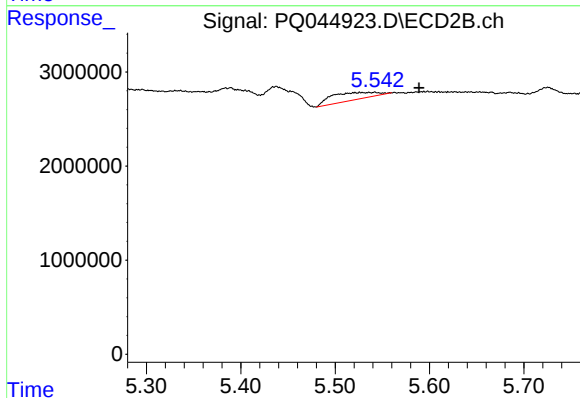
R.T.: 9.726 min
Delta R.T.: 0.003 min
Response: 124983725
Conc: 18.42 ng/ml



#3 AR-1016-1

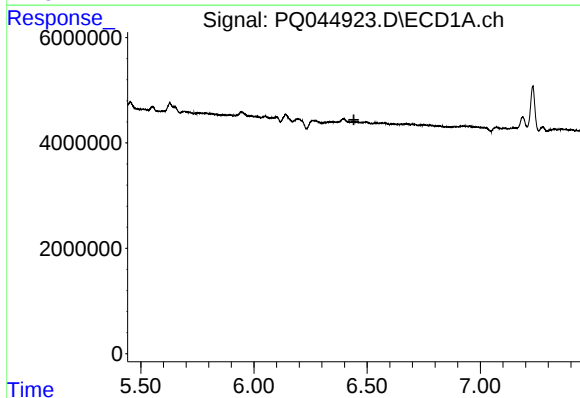
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



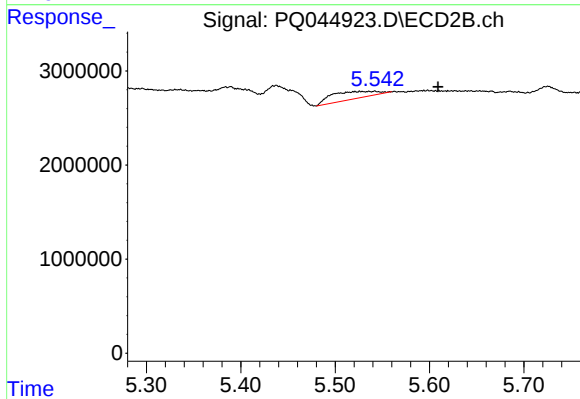
#3 AR-1016-1

R.T.: 5.542 min
Delta R.T.: -0.047 min
Response: 2607047
Conc: 14.15 ng/ml



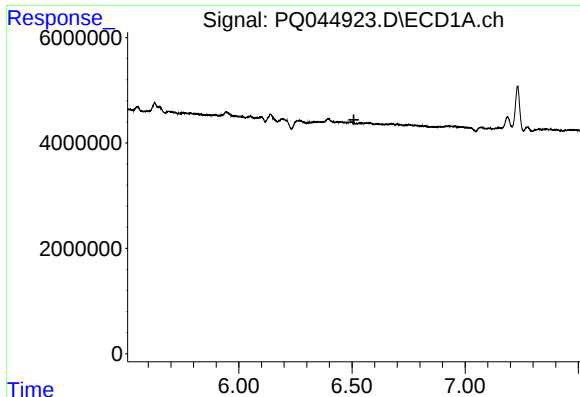
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.442 min
Response: 0
Conc: N.D.



#4 AR-1016-2

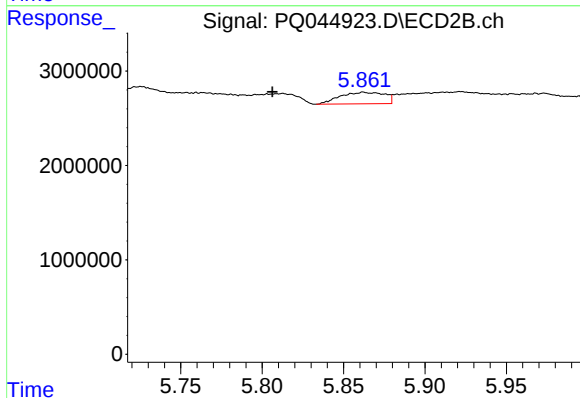
R.T.: 5.542 min
Delta R.T.: -0.067 min
Response: 2607047
Conc: 9.87 ng/ml



#5 AR-1016-3

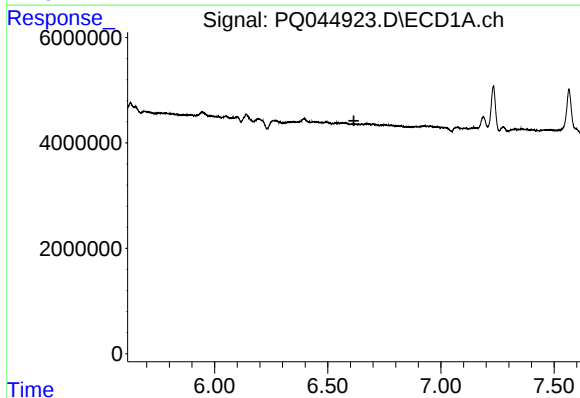
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



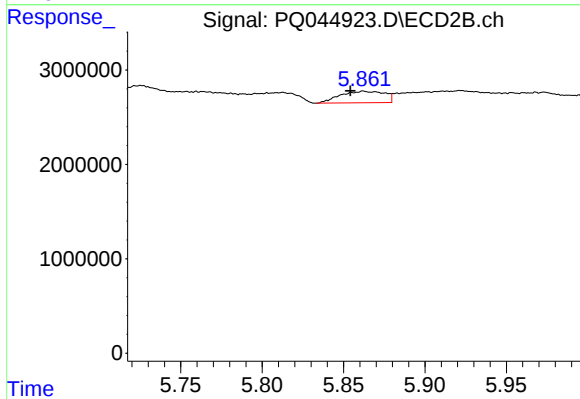
#5 AR-1016-3

R.T.: 5.862 min
Delta R.T.: 0.056 min
Response: 2326916
Conc: 18.03 ng/ml



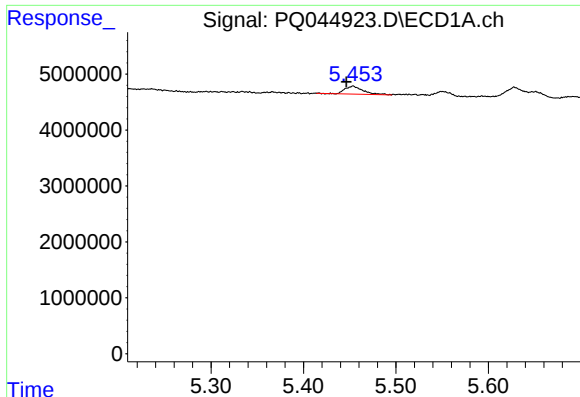
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

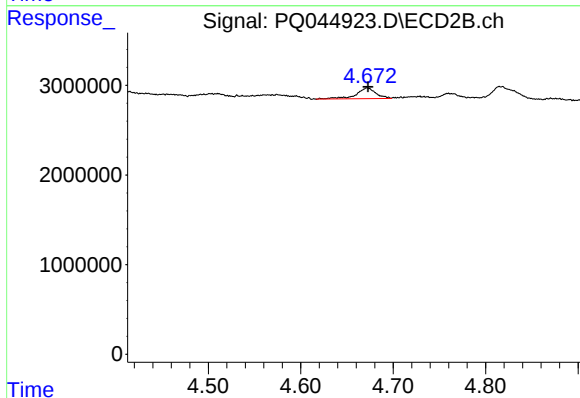
R.T.: 5.862 min
Delta R.T.: 0.008 min
Response: 2326916
Conc: 21.43 ng/ml



#9 AR-1221-2

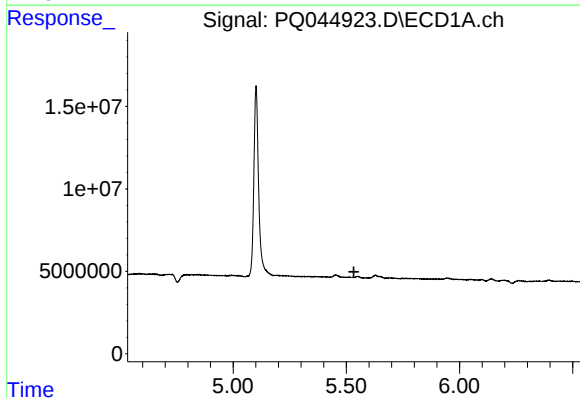
R.T.: 5.454 min
Delta R.T.: 0.007 min
Response: 1933445
Conc: 32.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



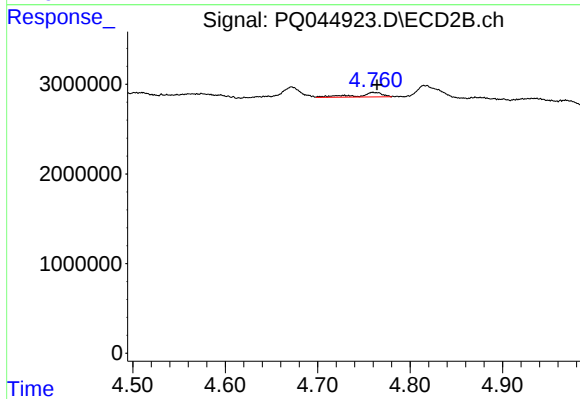
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1761626
Conc: 44.62 ng/ml



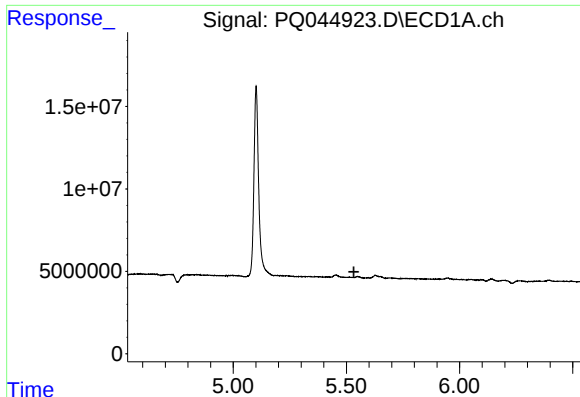
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#10 AR-1221-3

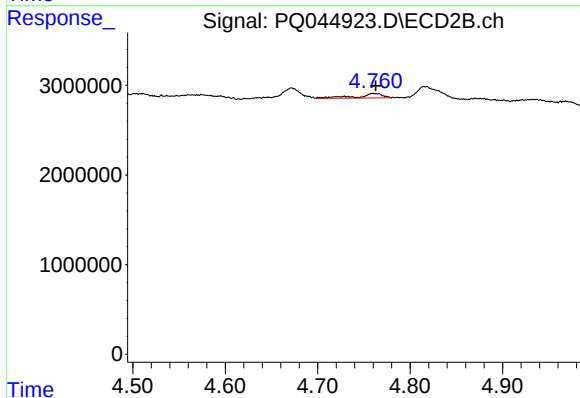
R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 960069
Conc: 7.34 ng/ml



#11 AR-1232-1

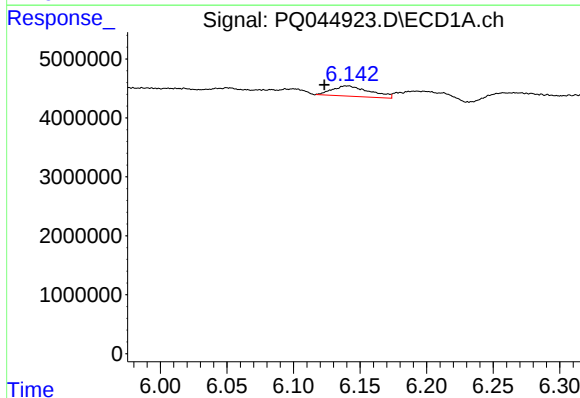
R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



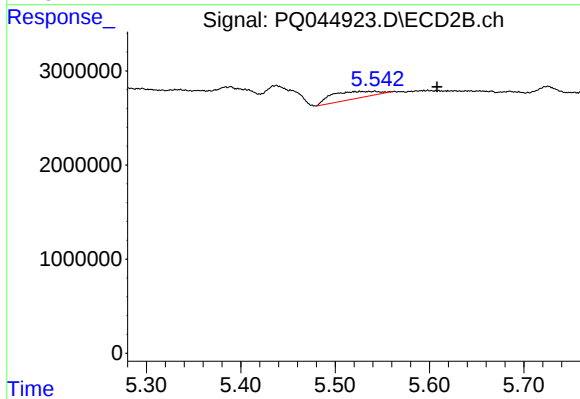
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.003 min
Response: 960069
Conc: 8.32 ng/ml



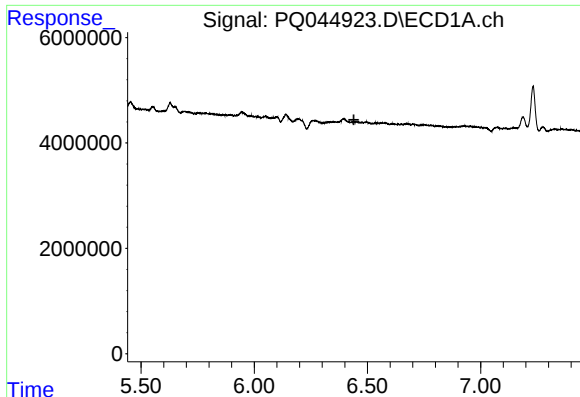
#12 AR-1232-2

R.T.: 6.140 min
Delta R.T.: 0.017 min
Response: 3392517
Conc: 37.83 ng/ml



#12 AR-1232-2

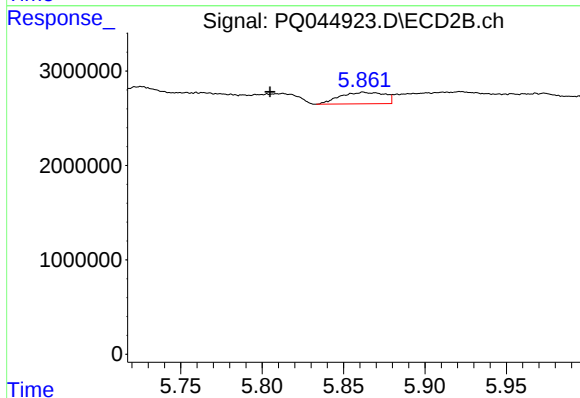
R.T.: 5.542 min
Delta R.T.: -0.066 min
Response: 2607047
Conc: 20.96 ng/ml



#13 AR-1232-3

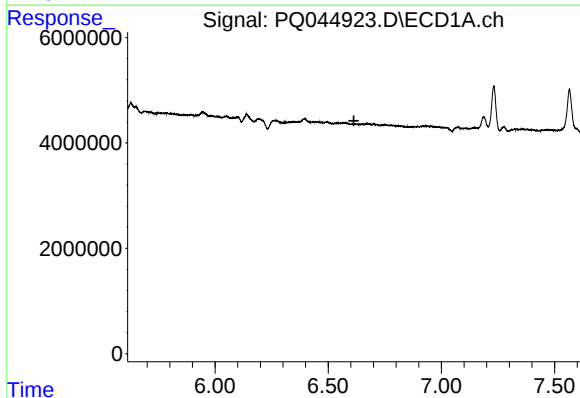
R.T.: 0.000 min
Exp R.T.: 6.440 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



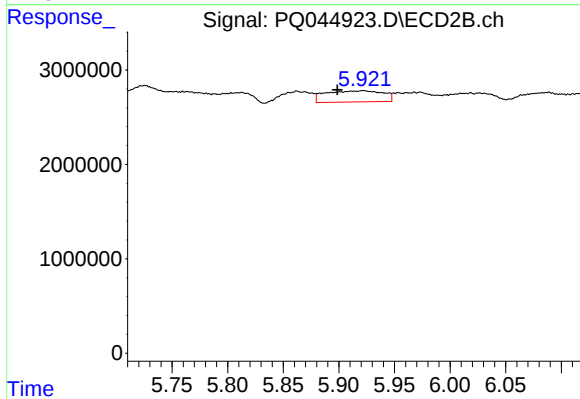
#13 AR-1232-3

R.T.: 5.862 min
Delta R.T.: 0.057 min
Response: 2326916
Conc: 39.29 ng/ml



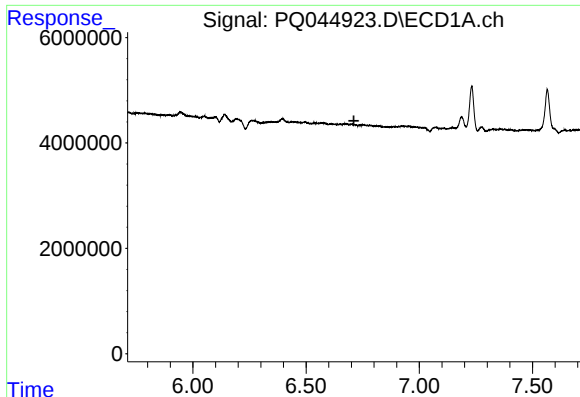
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#14 AR-1232-4

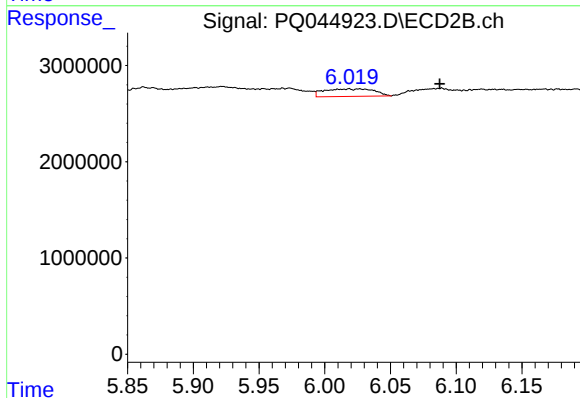
R.T.: 5.922 min
Delta R.T.: 0.023 min
Response: 4251798
Conc: 70.73 ng/ml



#15 AR-1232-5

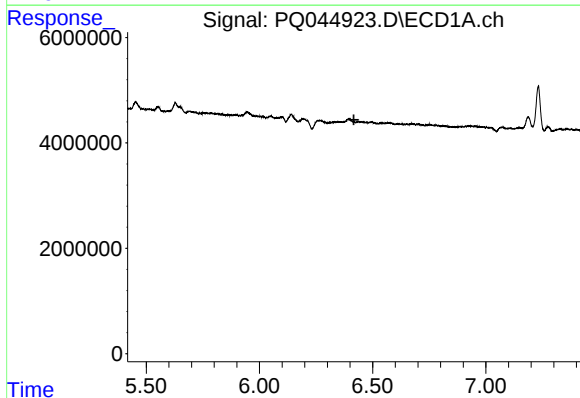
R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



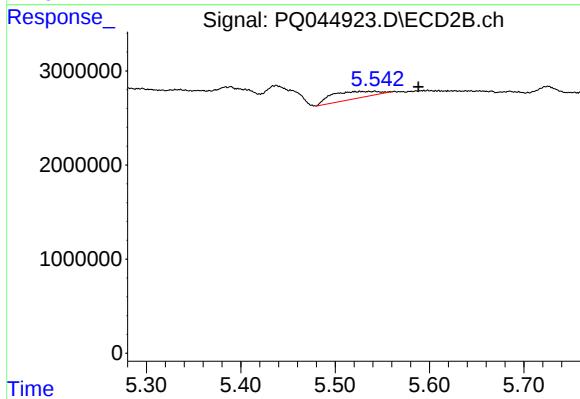
#15 AR-1232-5

R.T.: 6.018 min
Delta R.T.: -0.069 min
Response: 2065876
Conc: 28.36 ng/ml



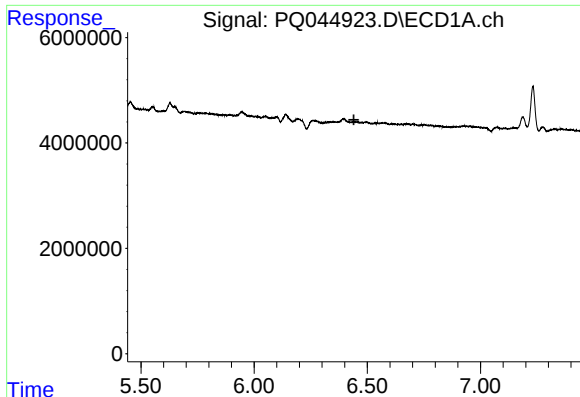
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.



#16 AR-1242-1

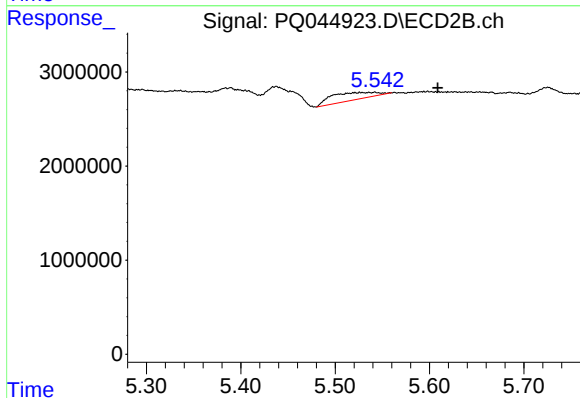
R.T.: 5.542 min
Delta R.T.: -0.046 min
Response: 2607047
Conc: 16.63 ng/ml



#17 AR-1242-2

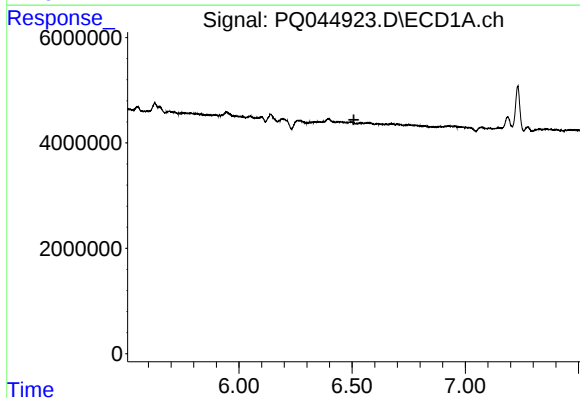
R.T.: 0.000 min
Exp R.T.: 6.441 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



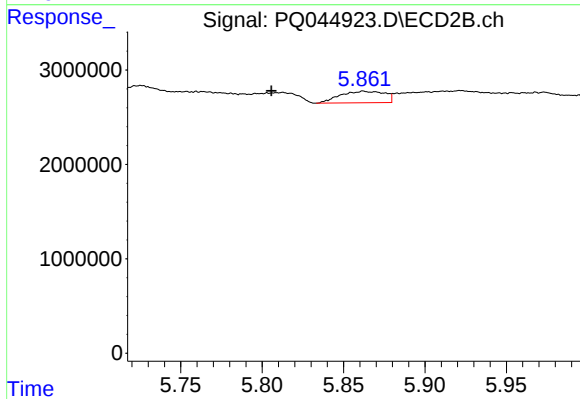
#17 AR-1242-2

R.T.: 5.542 min
Delta R.T.: -0.066 min
Response: 2607047
Conc: 11.65 ng/ml



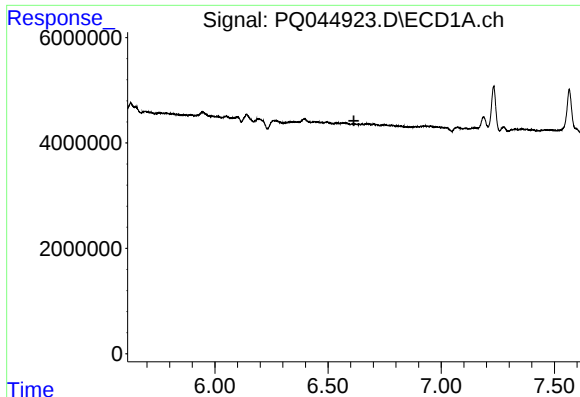
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.508 min
Response: 0
Conc: N.D.



#18 AR-1242-3

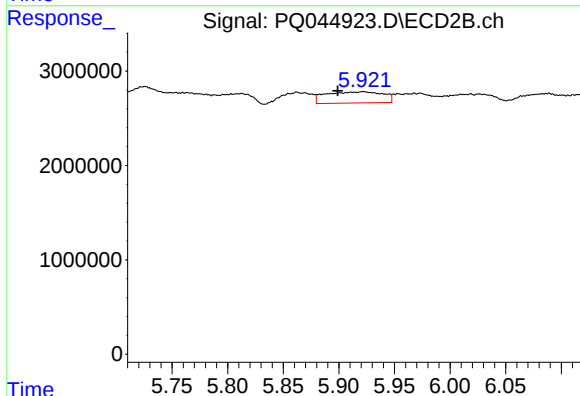
R.T.: 5.862 min
Delta R.T.: 0.057 min
Response: 2326916
Conc: 20.94 ng/ml



#19 AR-1242-4

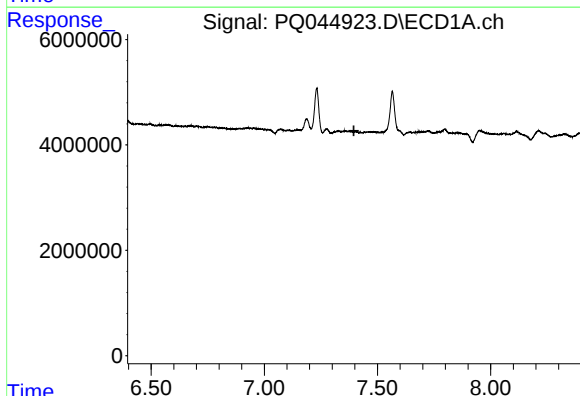
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



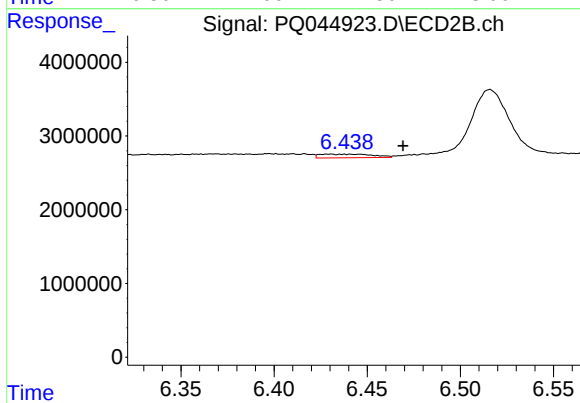
#19 AR-1242-4

R.T.: 5.922 min
Delta R.T.: 0.023 min
Response: 4251798
Conc: 35.66 ng/ml



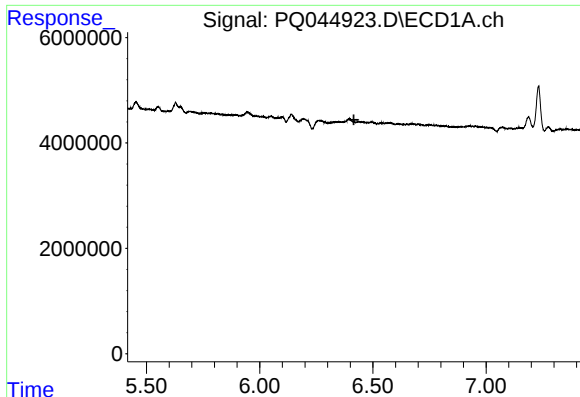
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.396 min
Response: 0
Conc: N.D.



#20 AR-1242-5

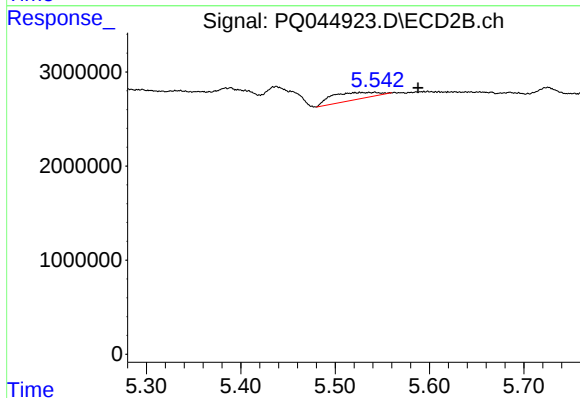
R.T.: 6.430 min
Delta R.T.: -0.039 min
Response: 984731
Conc: 6.00 ng/ml



#21 AR-1248-1

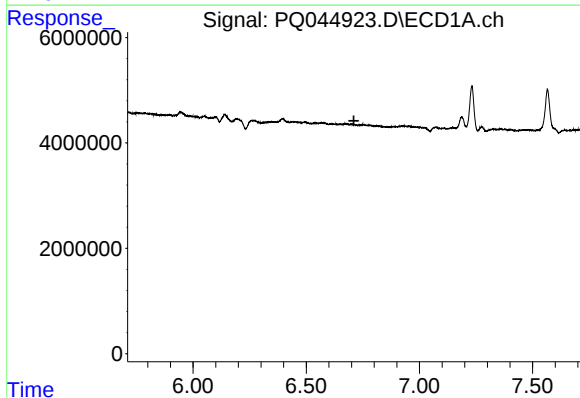
R.T.: 0.000 min
Exp R.T.: 6.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



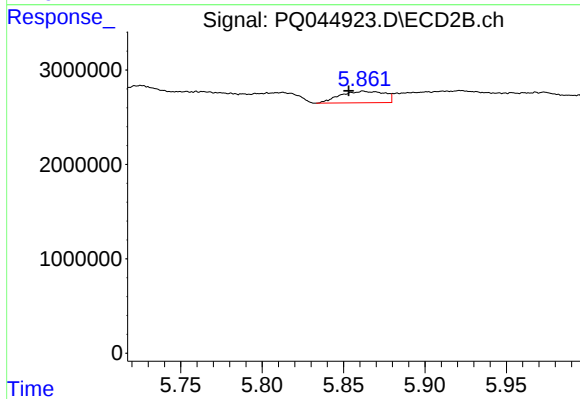
#21 AR-1248-1

R.T.: 5.542 min
Delta R.T.: -0.046 min
Response: 2607047
Conc: 20.95 ng/ml



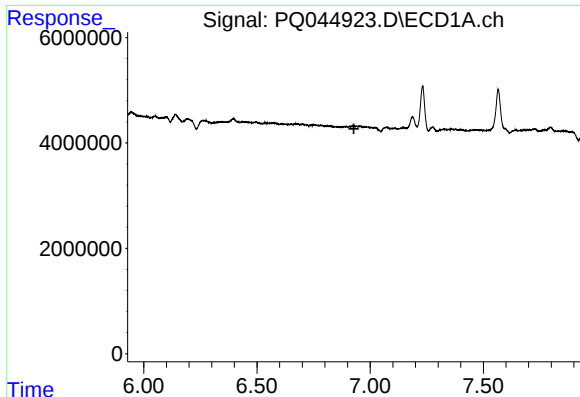
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.



#22 AR-1248-2

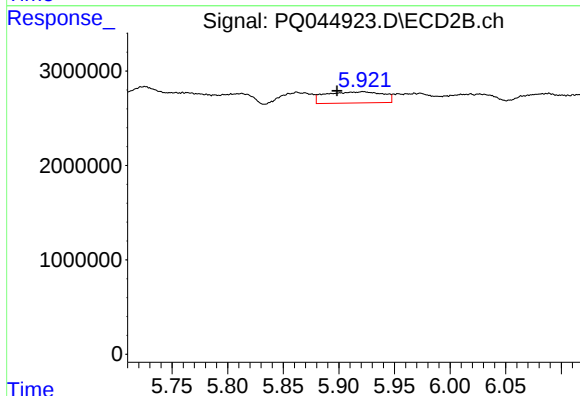
R.T.: 5.862 min
Delta R.T.: 0.009 min
Response: 2326916
Conc: 13.67 ng/ml



#23 AR-1248-3

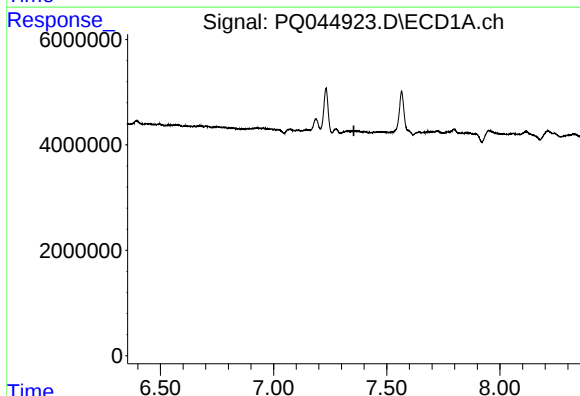
R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



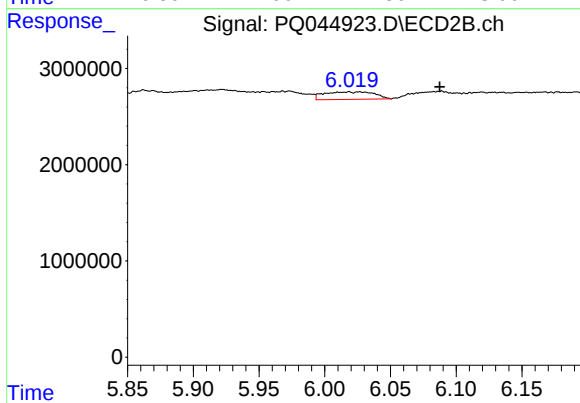
#23 AR-1248-3

R.T.: 5.922 min
Delta R.T.: 0.023 min
Response: 4251798
Conc: 23.77 ng/ml



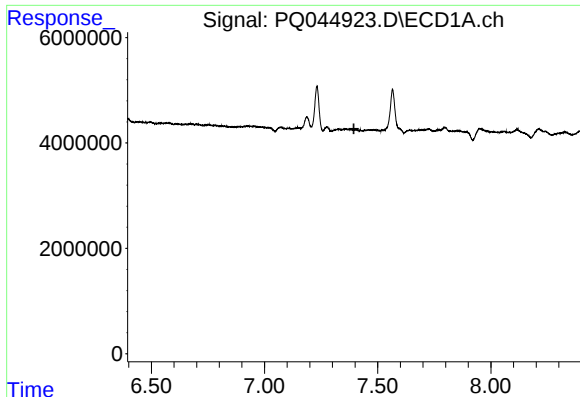
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.



#24 AR-1248-4

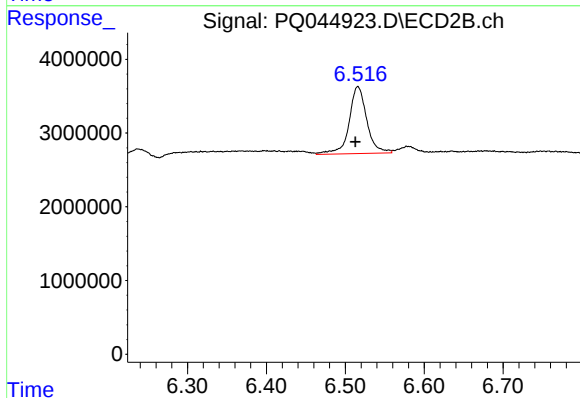
R.T.: 6.018 min
Delta R.T.: -0.069 min
Response: 2065876
Conc: 9.49 ng/ml



#25 AR-1248-5

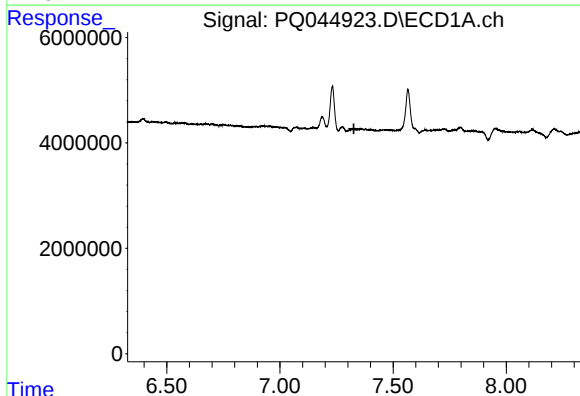
R.T.: 0.000 min
Exp R.T.: 7.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



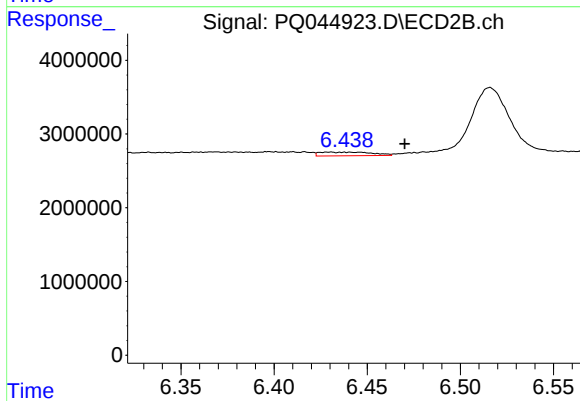
#25 AR-1248-5

R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 14174366
Conc: 63.57 ng/ml



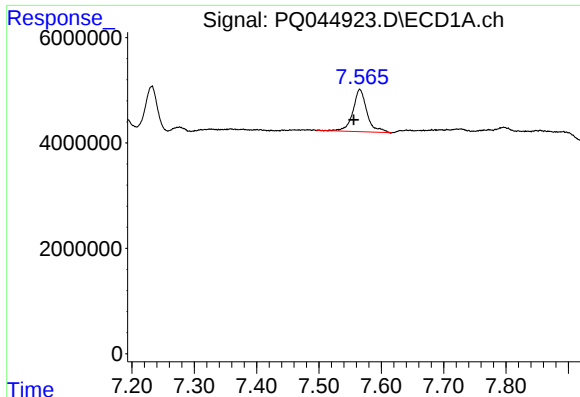
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.327 min
Response: 0
Conc: N.D.



#26 AR-1254-1

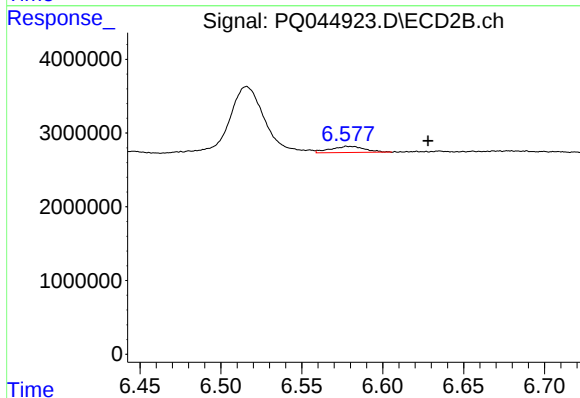
R.T.: 6.430 min
Delta R.T.: -0.040 min
Response: 984731
Conc: 2.71 ng/ml



#27 AR-1254-2

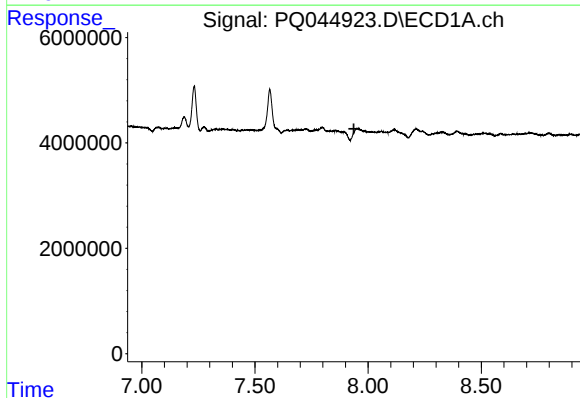
R.T.: 7.566 min
Delta R.T.: 0.010 min
Response: 12535558
Conc: 25.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



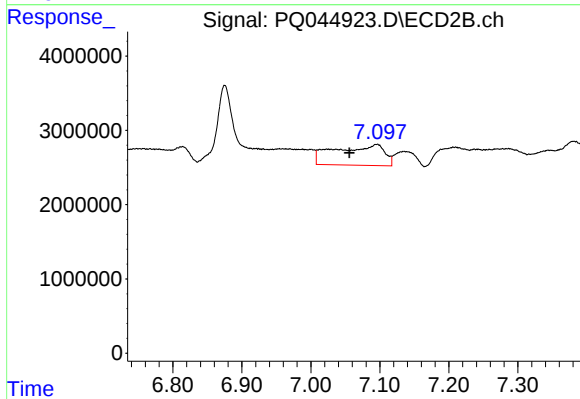
#27 AR-1254-2

R.T.: 6.579 min
Delta R.T.: -0.049 min
Response: 1242823
Conc: 3.86 ng/ml



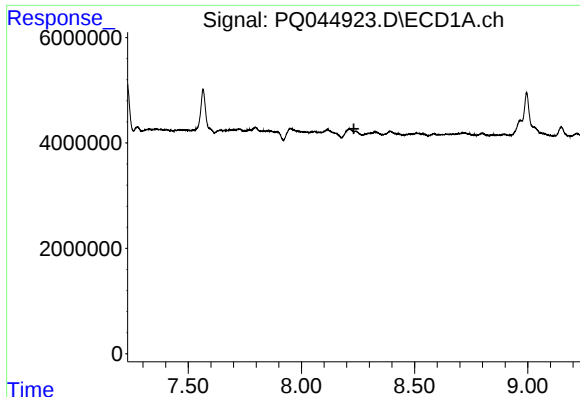
#28 AR-1254-3

R.T.: 7.952 min
Delta R.T.: 0.014 min
Response: -129231
Conc: N.D.



#28 AR-1254-3

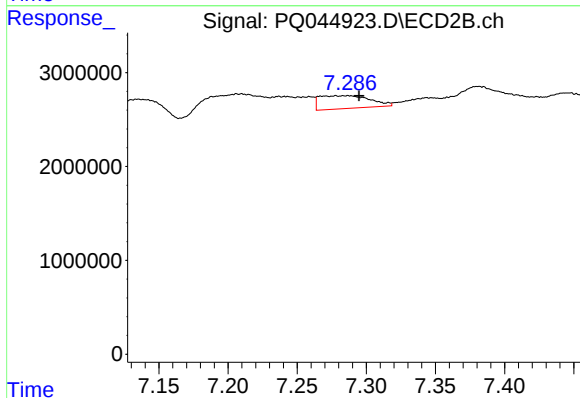
R.T.: 7.096 min
Delta R.T.: 0.040 min
Response: 13809339
Conc: 24.90 ng/ml



#29 AR-1254-4

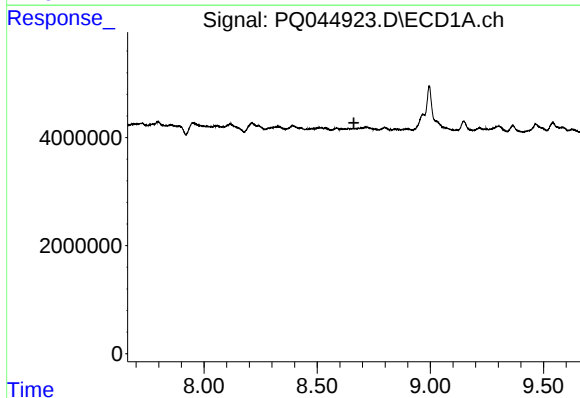
R.T.: 0.000 min
Exp R.T.: 8.232 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



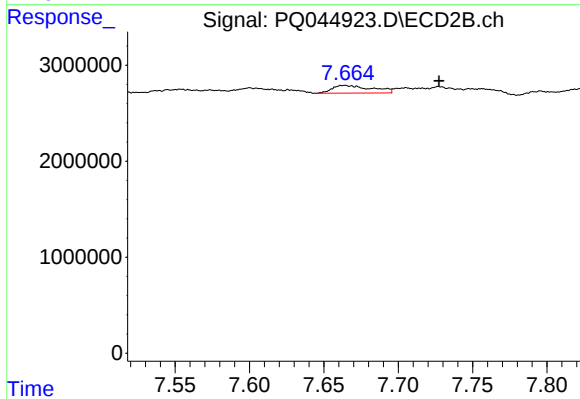
#29 AR-1254-4

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 3479302
Conc: 9.73 ng/ml



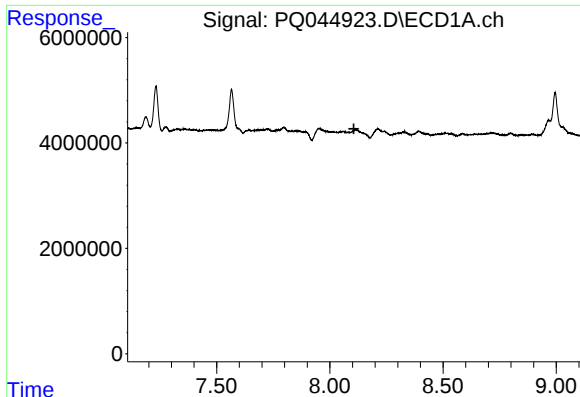
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.662 min
Response: 0
Conc: N.D.



#30 AR-1254-5

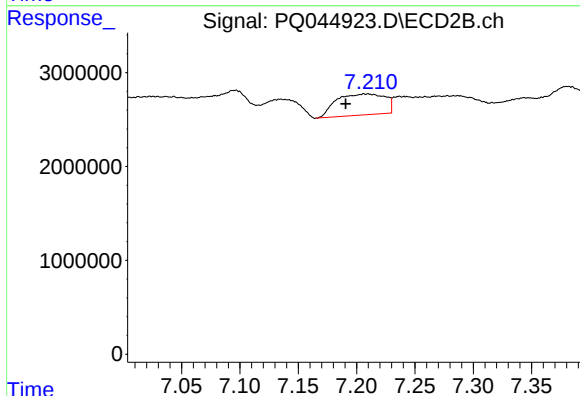
R.T.: 7.664 min
Delta R.T.: -0.064 min
Response: 1487732
Conc: 2.98 ng/ml



#31 AR-1260-1

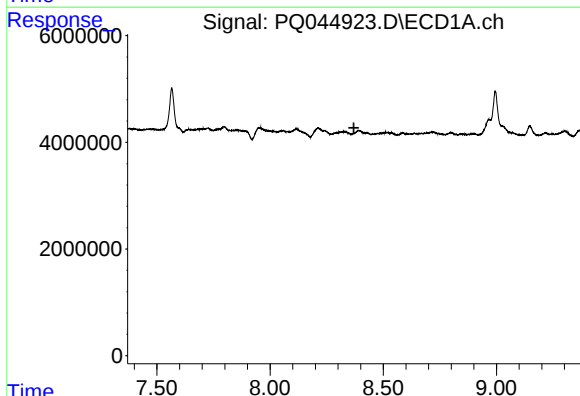
R.T.: 0.000 min
Exp R.T.: 8.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



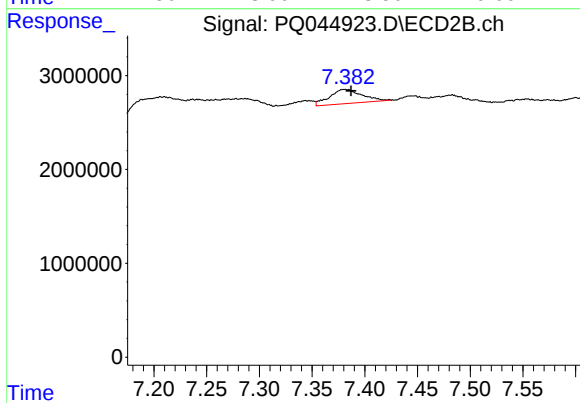
#31 AR-1260-1

R.T.: 7.210 min
Delta R.T.: 0.019 min
Response: 6513256
Conc: 21.26 ng/ml



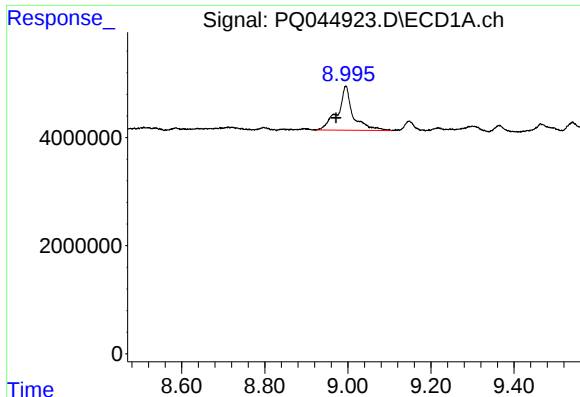
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.370 min
Response: 0
Conc: N.D.



#32 AR-1260-2

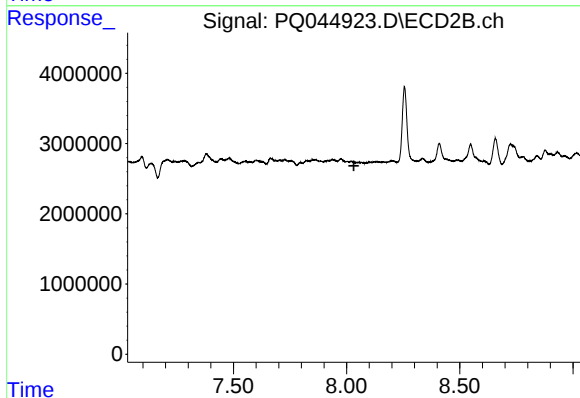
R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 3243341
Conc: 8.21 ng/ml



#34 AR-1260-4

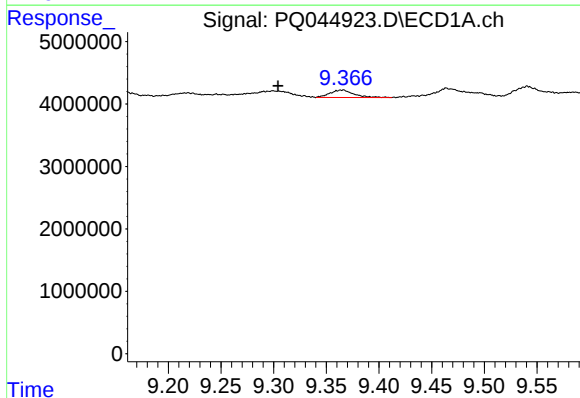
R.T.: 8.995 min
Delta R.T.: 0.023 min
Response: 20933532
Conc: 55.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



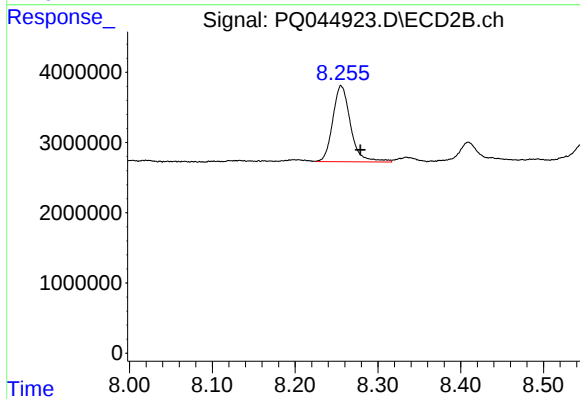
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.032 min
Response: 0
Conc: N.D.



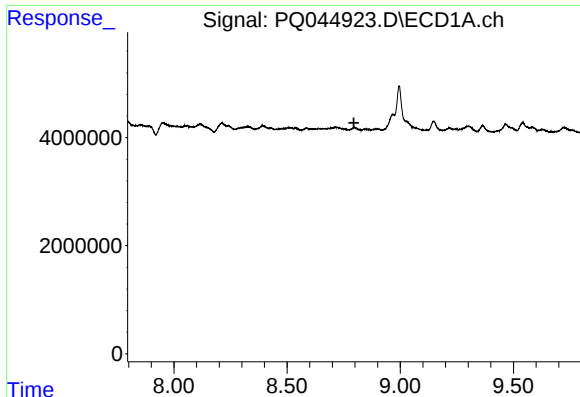
#35 AR-1260-5

R.T.: 9.364 min
Delta R.T.: 0.060 min
Response: 1881965
Conc: 2.44 ng/ml



#35 AR-1260-5

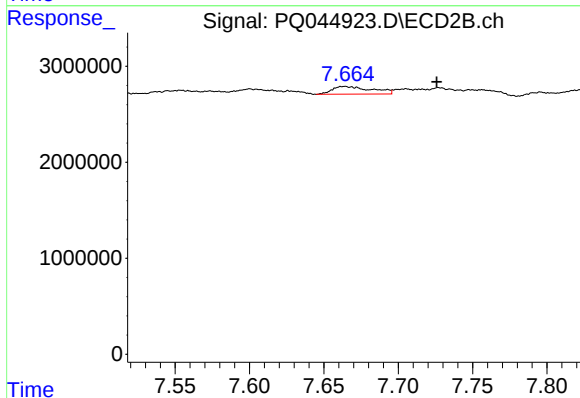
R.T.: 8.256 min
Delta R.T.: -0.023 min
Response: 16123571
Conc: 20.60 ng/ml



#36 AR-1262-1

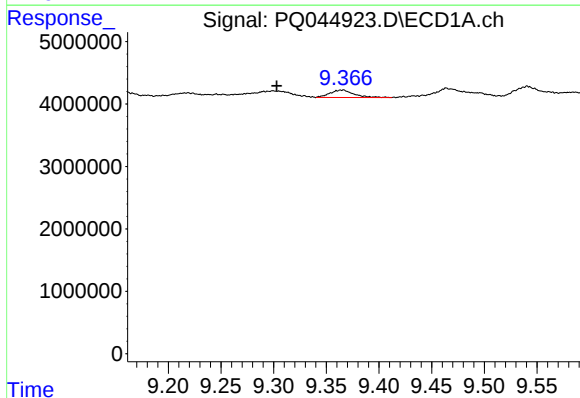
R.T.: 0.000 min
Exp R.T.: 8.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



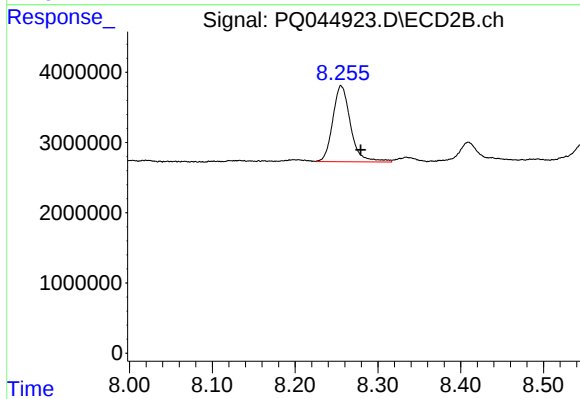
#36 AR-1262-1

R.T.: 7.664 min
Delta R.T.: -0.062 min
Response: 1487732
Conc: 5.88 ng/ml



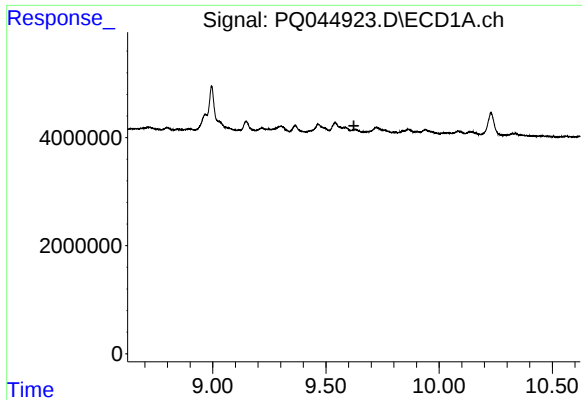
#37 AR-1262-2

R.T.: 9.364 min
Delta R.T.: 0.061 min
Response: 1881965
Conc: 2.08 ng/ml



#37 AR-1262-2

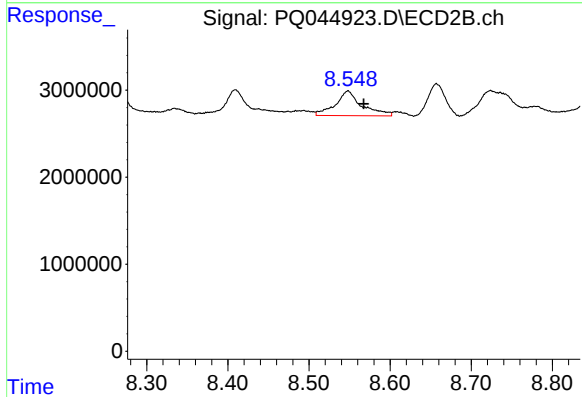
R.T.: 8.256 min
Delta R.T.: -0.023 min
Response: 16123571
Conc: 16.34 ng/ml



#38 AR-1262-3

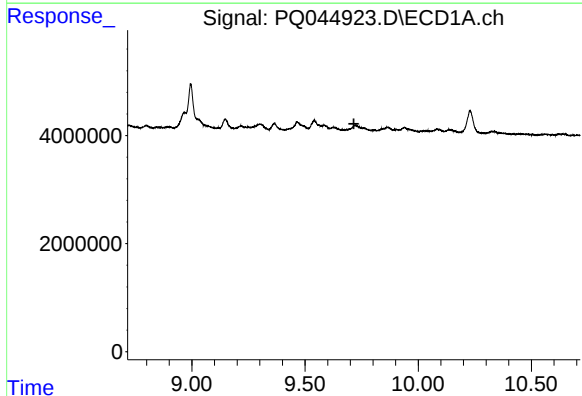
R.T.: 0.000 min
Exp R.T. : 9.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



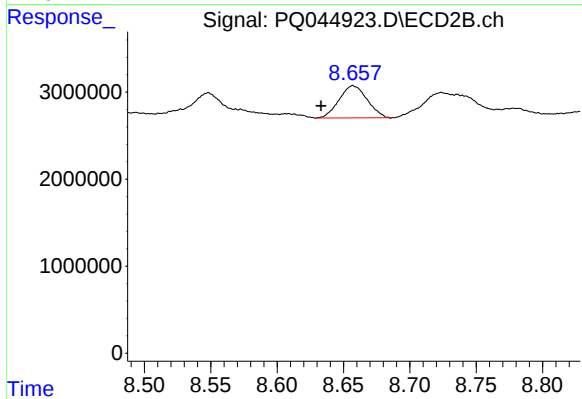
#38 AR-1262-3

R.T.: 8.548 min
Delta R.T.: -0.019 min
Response: 6410589
Conc: 16.64 ng/ml



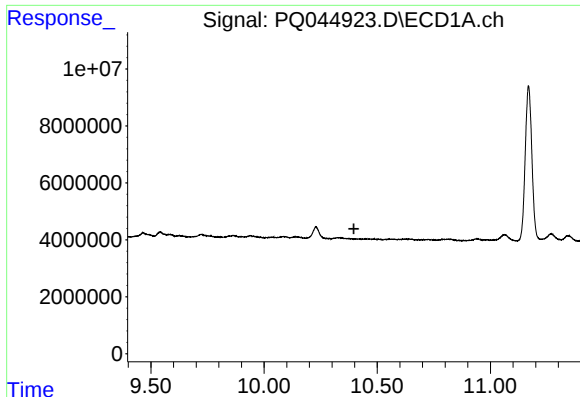
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.716 min
Response: 0
Conc: N.D.



#39 AR-1262-4

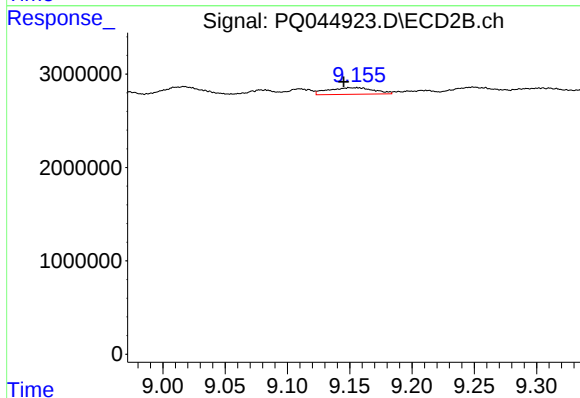
R.T.: 8.657 min
Delta R.T.: 0.024 min
Response: 5425140
Conc: 7.36 ng/ml



#40 AR-1262-5

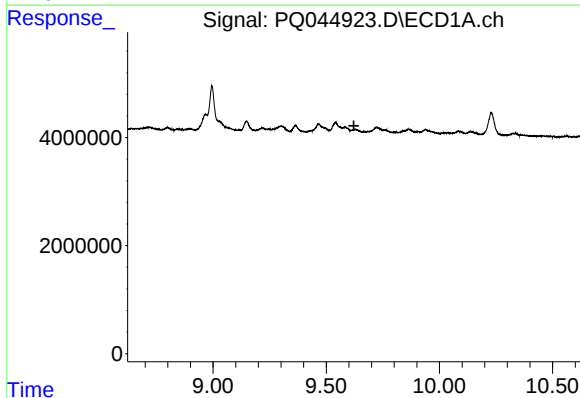
R.T.: 0.000 min
Exp R.T. : 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



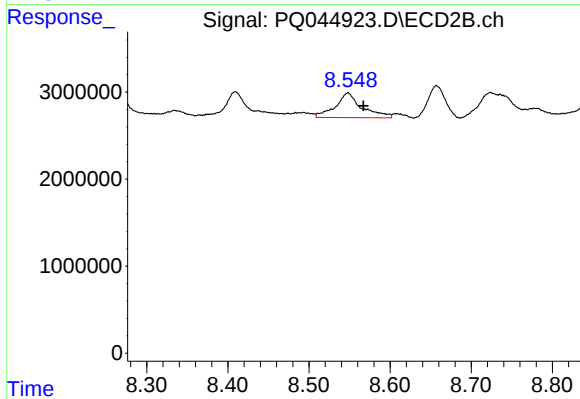
#40 AR-1262-5

R.T.: 9.156 min
Delta R.T.: 0.010 min
Response: 1824604
Conc: 5.24 ng/ml



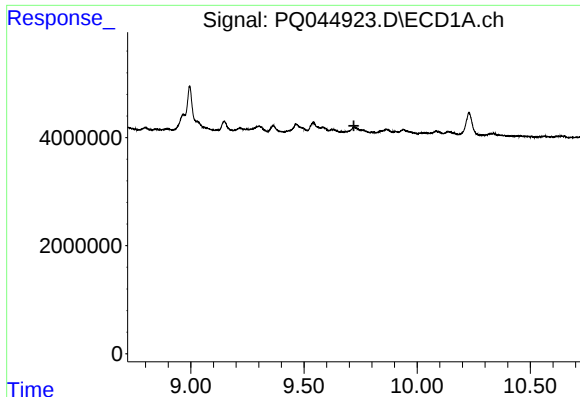
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.622 min
Response: 0
Conc: N.D.



#41 AR-1268-1

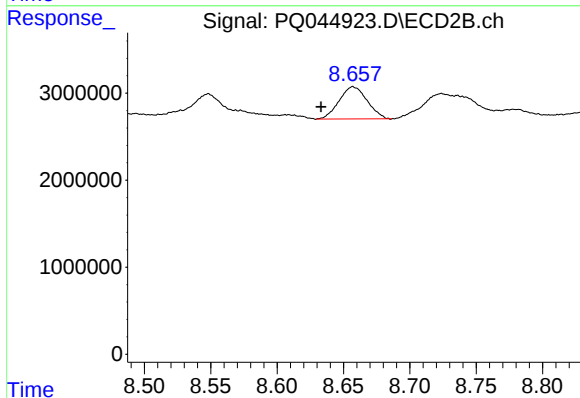
R.T.: 8.548 min
Delta R.T.: -0.019 min
Response: 6410589
Conc: 5.33 ng/ml



#42 AR-1268-2

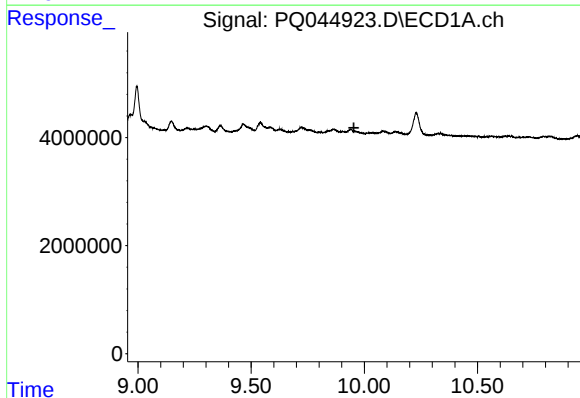
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



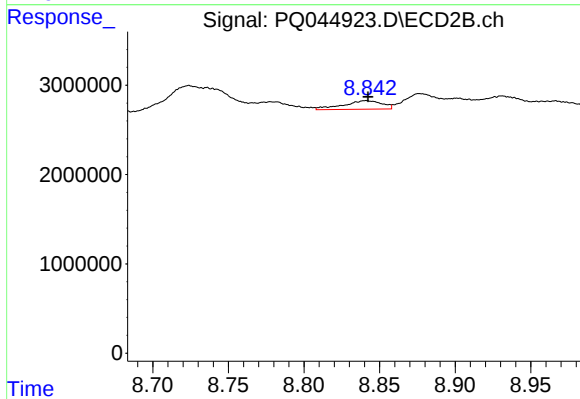
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: 0.024 min
Response: 5425140
Conc: 4.87 ng/ml



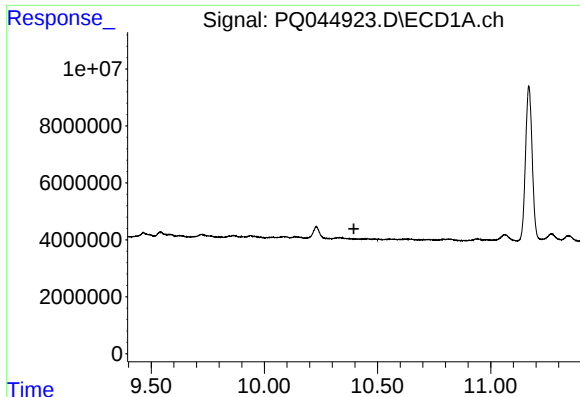
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

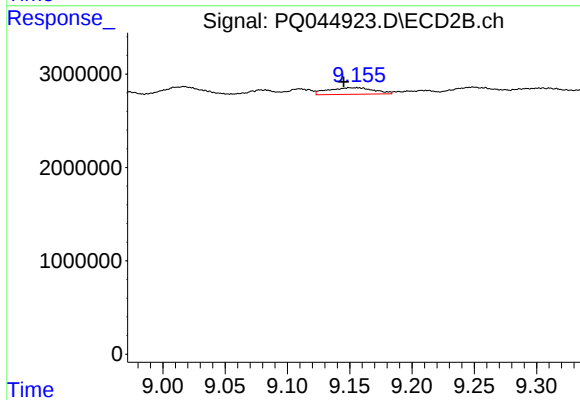
R.T.: 8.841 min
Delta R.T.: -0.001 min
Response: 1701430
Conc: 1.83 ng/ml



#44 AR-1268-4

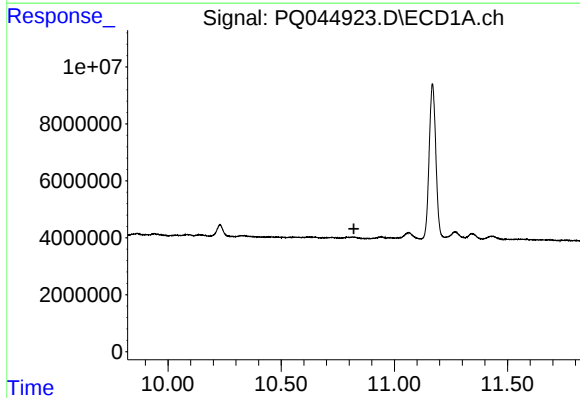
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



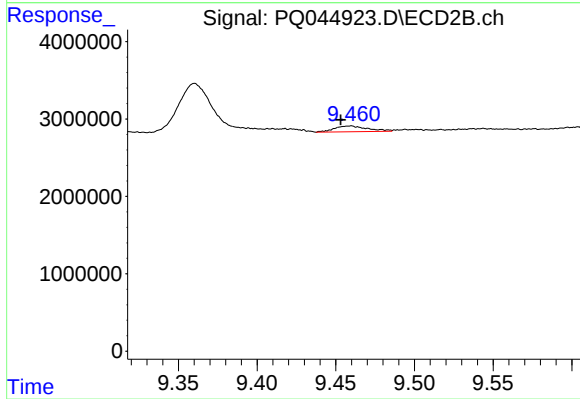
#44 AR-1268-4

R.T.: 9.156 min
Delta R.T.: 0.010 min
Response: 1824604
Conc: 4.53 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.459 min
Delta R.T.: 0.006 min
Response: 1077826
Conc: 0.36 ng/ml