

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
 Data File : PQ045946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 21:17
 Operator : SM\AJ
 Sample : K6431-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:57:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 27 03:51:29 2019
 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...	5.224	4.360	44699546	27869816	22.451	22.784
2)	SA Decachlor...	11.379	9.791	67543991	44894366	16.397	17.872
Target Compounds							
3)	L1 AR-1016-1	6.499	0.000	1125927	0	15.617	N.D. #
4)	L1 AR-1016-2	6.499	0.000	1125927	0	10.107	N.D. #
6)	L1 AR-1016-4	0.000	5.976	0	1288922	N.D.	48.272 #
8)	L2 AR-1221-1	0.000	4.555	0	13284159	N.D.	940.806 #
9)	L2 AR-1221-2	5.555	4.747	2304549	1852522	154.817	182.703
10)	L2 AR-1221-3	5.699	4.886	6639347	5198773	160.094	193.941
11)	L3 AR-1232-1	5.699	4.886	6639347	5198773	74.003	93.035 #
12)	L3 AR-1232-2	6.200	0.000	7352307	0	164.028	N.D. #
13)	L3 AR-1232-3	6.499	0.000	1125927	0	12.215	N.D. #
14)	L3 AR-1232-4	0.000	5.976	0	1288922	N.D.	48.439 #
16)	L4 AR-1242-1	6.499	0.000	1125927	0	19.867	N.D. #
17)	L4 AR-1242-2	6.499	0.000	1125927	0	12.703	N.D. #
19)	L4 AR-1242-4	0.000	5.976	0	1288922	N.D.	43.843 #
20)	L4 AR-1242-5	7.487	6.521	1808746	1921971	35.229	49.456 #
21)	L5 AR-1248-1	6.499	0.000	1125927	0	22.997	N.D. #
23)	L5 AR-1248-3	0.000	5.976	0	1288922	N.D.	26.879 #
24)	L5 AR-1248-4	7.487	0.000	1808746	0	18.214	N.D. #
25)	L5 AR-1248-5	7.487	6.521	1808746	1921971	17.882	32.159 #
26)	L6 AR-1254-1	7.449	6.521	3452911	1921971	34.516	20.062 #
27)	L6 AR-1254-2	7.679	6.680	7621334	1474681	45.580	17.232 #
28)	L6 AR-1254-3	8.068	7.108	9920495	10459381	50.933	70.701 #
29)	L6 AR-1254-4	8.355	7.345	8275348	4792585	57.563	52.232
30)	L6 AR-1254-5	8.786	7.778	12615616	5263297	73.674	38.373 #
31)	L7 AR-1260-1	8.228	7.243	8030734	4725523	64.341	54.679
32)	L7 AR-1260-2	8.487	7.437	23554195	5719385	152.272	53.245 #
33)	L7 AR-1260-3	8.860	7.598	3565887	3870701	27.588	38.856 #
34)	L7 AR-1260-4	9.097	8.085	5275243	1576511	32.388	16.943 #
35)	L7 AR-1260-5	9.442	8.329	4755721	5472965	14.101	22.849 #
36)	L8 AR-1262-1	8.860	7.778	3565887	5263297	16.183	67.166 #
37)	L8 AR-1262-2	9.442	8.329	4755721	5472965	11.303	16.899 #
38)	L8 AR-1262-3	9.789	8.620	2815707	1351509	9.495	10.799
39)	L8 AR-1262-4	9.852	8.685	605492	2939499	2.598	11.693 #
40)	L8 AR-1262-5	0.000	9.201	0	1296416	N.D.	10.937 #
41)	L9 AR-1268-1	9.789	8.620	2815707	1351509	5.626	3.697 #
42)	L9 AR-1268-2	9.852	8.685	605492	2939499	1.280	8.327 #
43)	L9 AR-1268-3	10.118	8.899	2969142	2336812	7.160	8.233
44)	L9 AR-1268-4	0.000	9.201	0	1296416	N.D.	10.139 #
45)	L9 AR-1268-5	11.014	9.514	3906651	2888488	2.428	2.692

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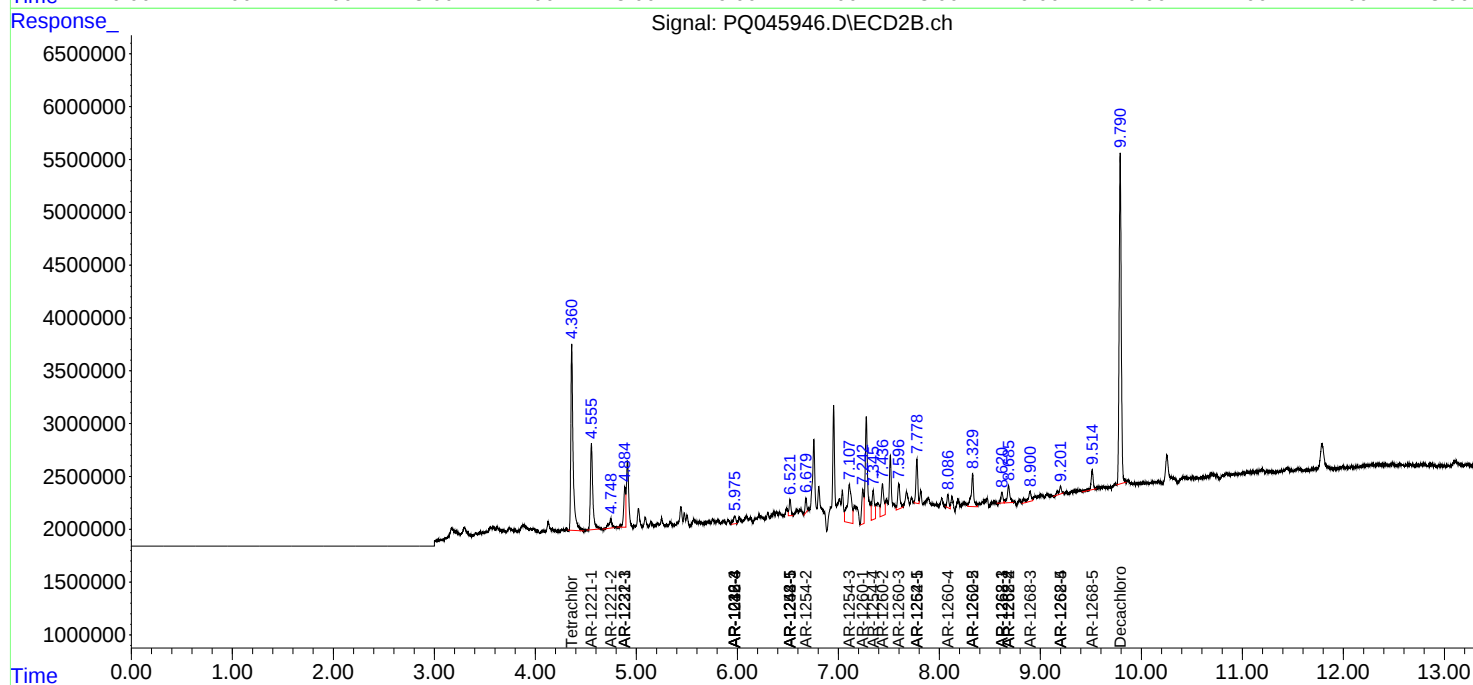
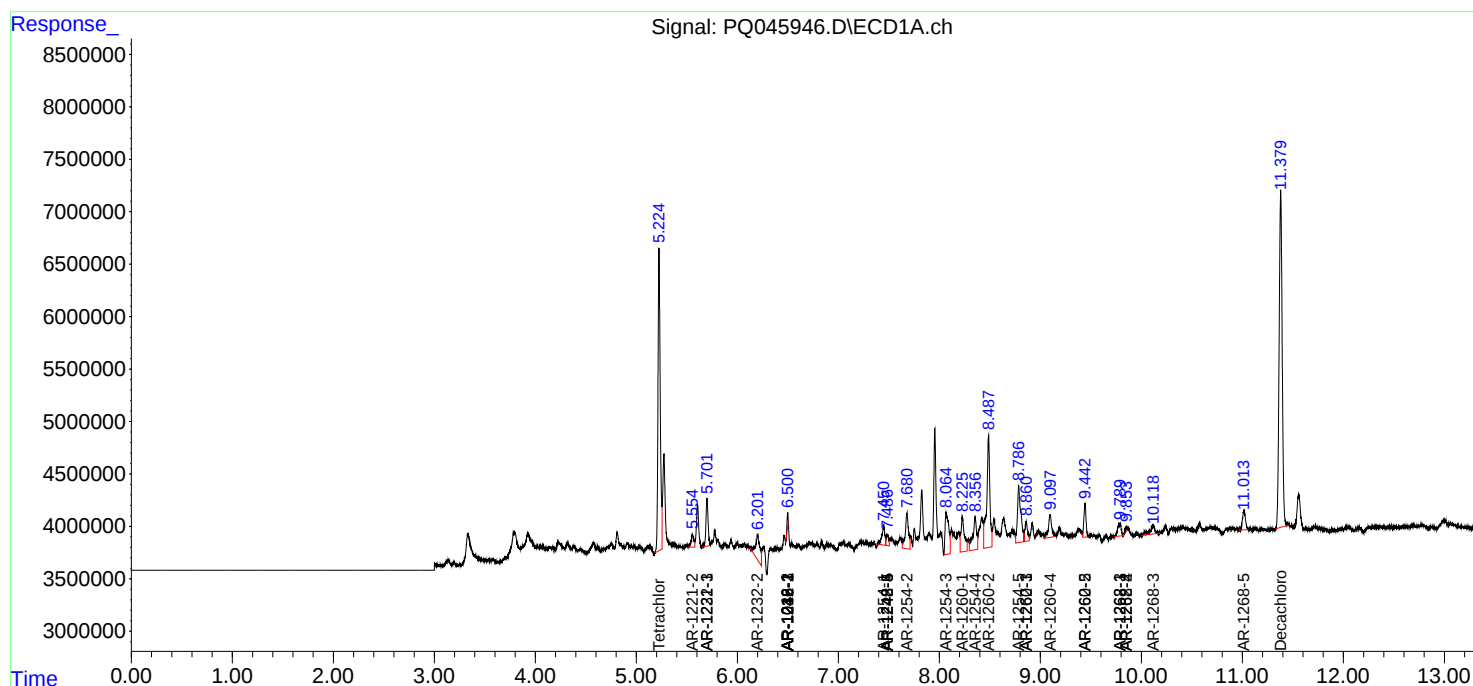
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

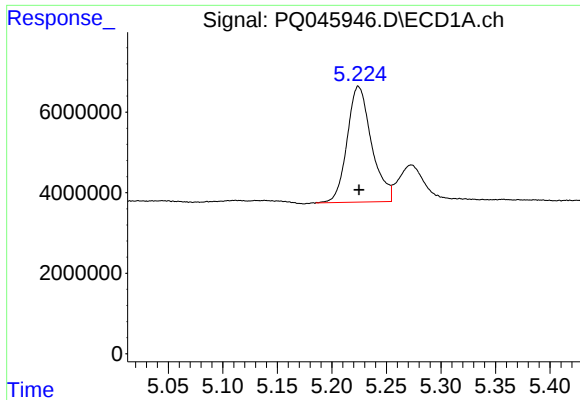
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
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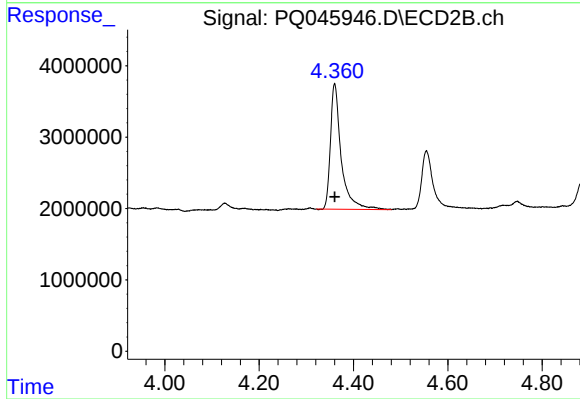




#1 Tetrachloro-m-xylene

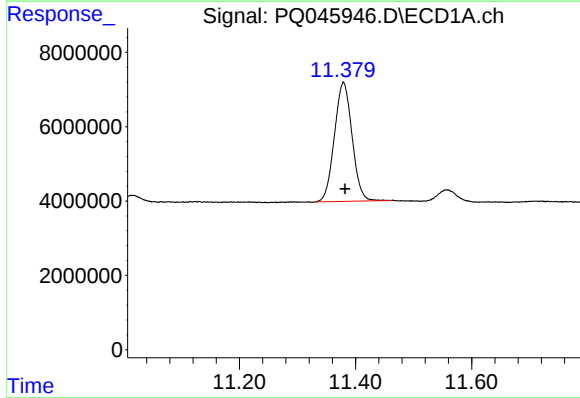
R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 44699546
Conc: 22.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



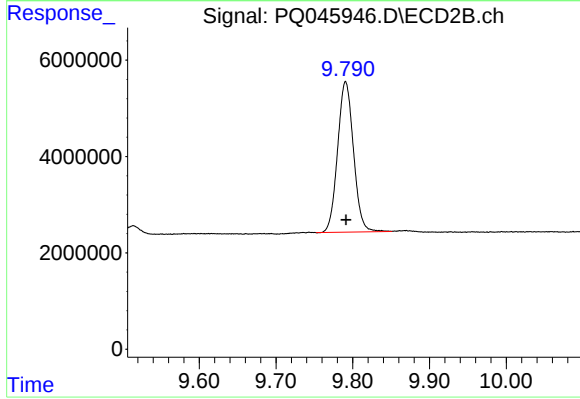
#1 Tetrachloro-m-xylene

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 27869816
Conc: 22.78 ng/ml



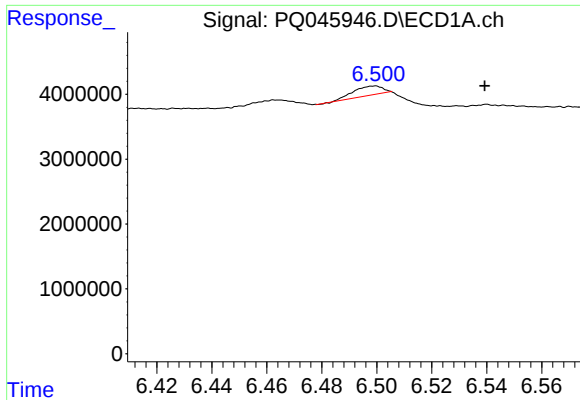
#2 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.002 min
Response: 67543991
Conc: 16.40 ng/ml



#2 Decachlorobiphenyl

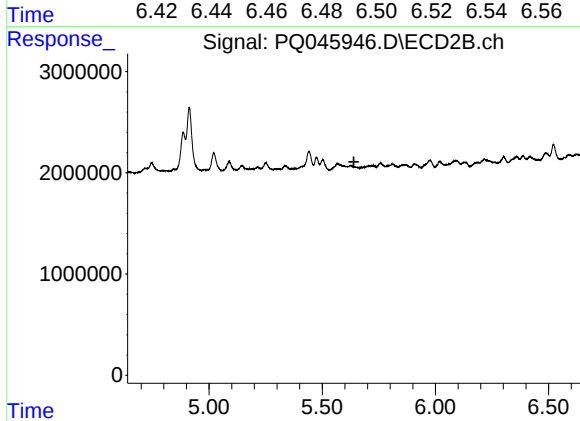
R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 44894366
Conc: 17.87 ng/ml



#3 AR-1016-1

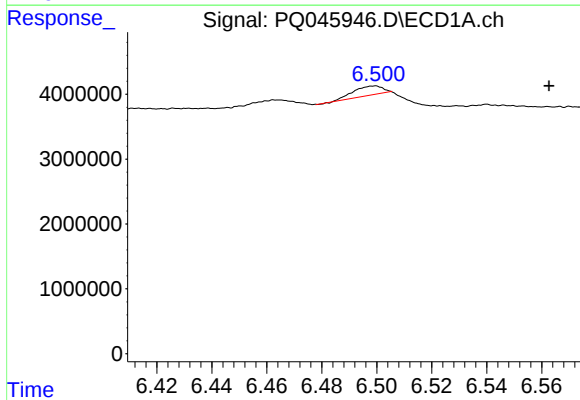
R.T.: 6.499 min
Delta R.T.: -0.040 min
Response: 1125927
Conc: 15.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



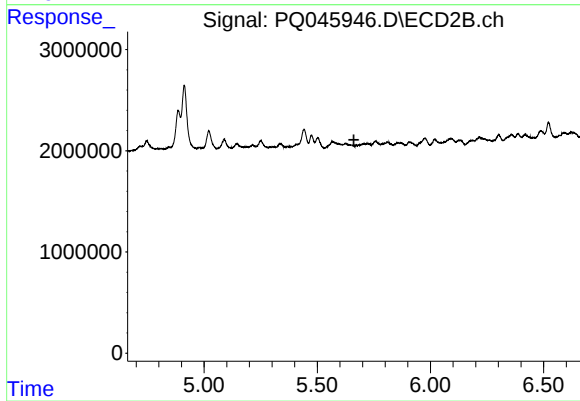
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



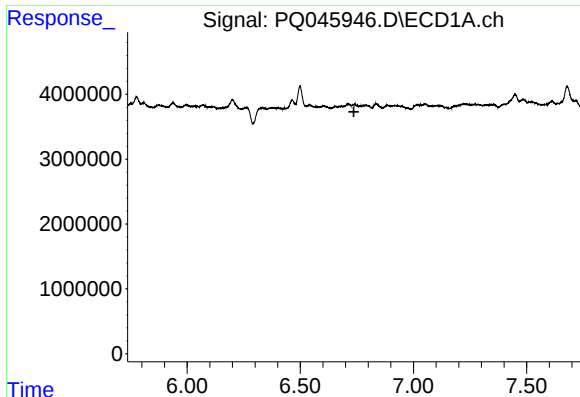
#4 AR-1016-2

R.T.: 6.499 min
Delta R.T.: -0.064 min
Response: 1125927
Conc: 10.11 ng/ml



#4 AR-1016-2

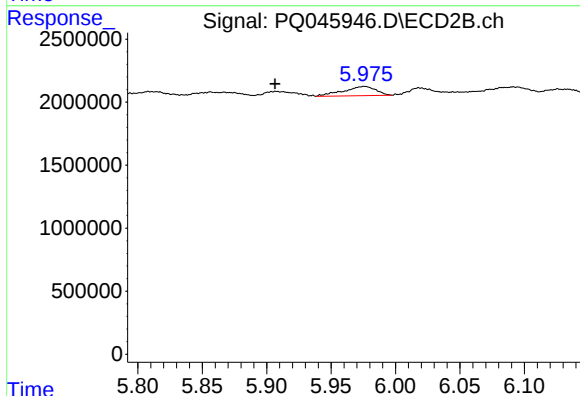
R.T.: 0.000 min
Exp R.T. : 5.662 min
Response: 0
Conc: N.D.



#6 AR-1016-4

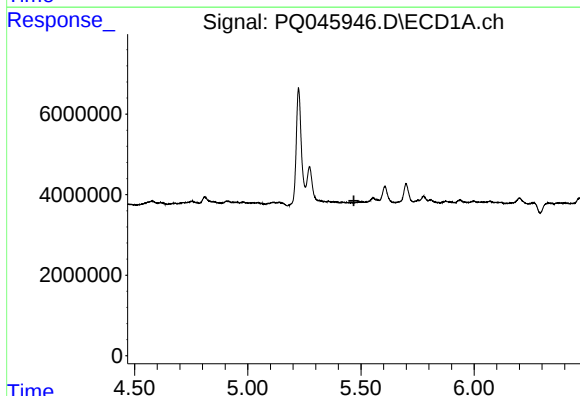
R.T.: 0.000 min
Exp R.T.: 6.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



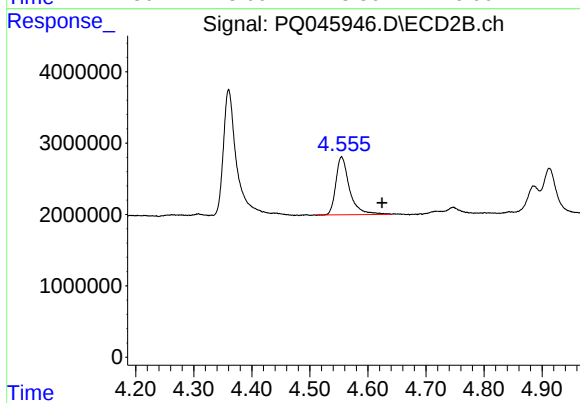
#6 AR-1016-4

R.T.: 5.976 min
Delta R.T.: 0.069 min
Response: 1288922
Conc: 48.27 ng/ml



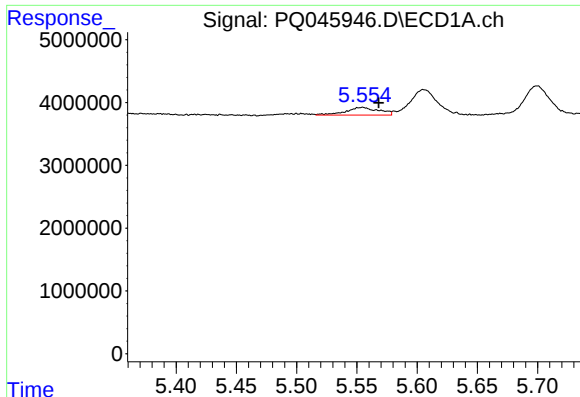
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.469 min
Response: 0
Conc: N.D.



#8 AR-1221-1

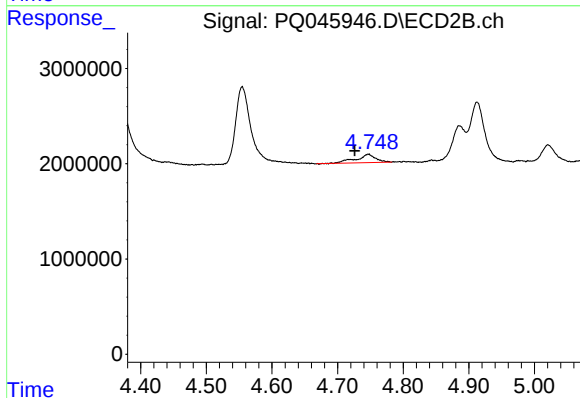
R.T.: 4.555 min
Delta R.T.: -0.070 min
Response: 13284159
Conc: 940.81 ng/ml



#9 AR-1221-2

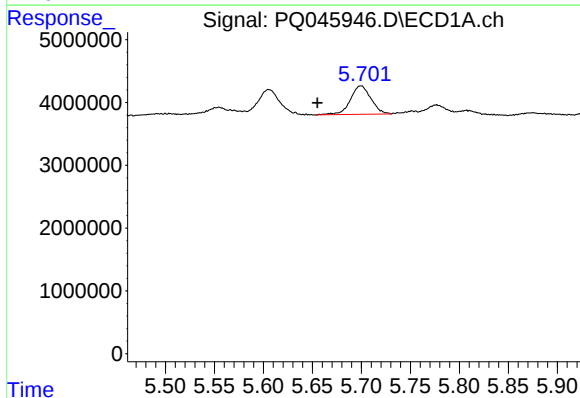
R.T.: 5.555 min
Delta R.T.: -0.013 min
Response: 2304549
Conc: 154.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



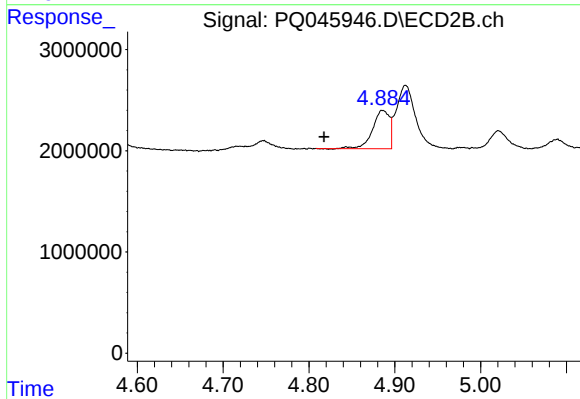
#9 AR-1221-2

R.T.: 4.747 min
Delta R.T.: 0.021 min
Response: 1852522
Conc: 182.70 ng/ml



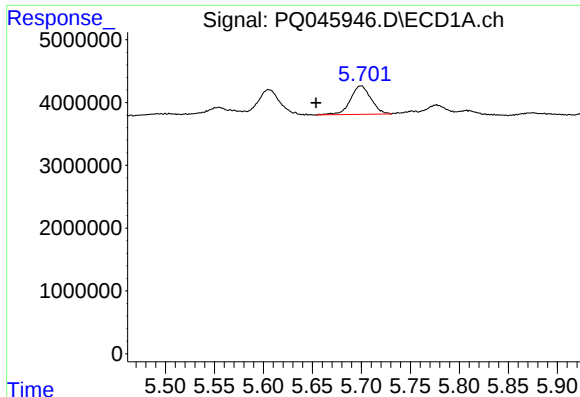
#10 AR-1221-3

R.T.: 5.699 min
Delta R.T.: 0.044 min
Response: 6639347
Conc: 160.09 ng/ml



#10 AR-1221-3

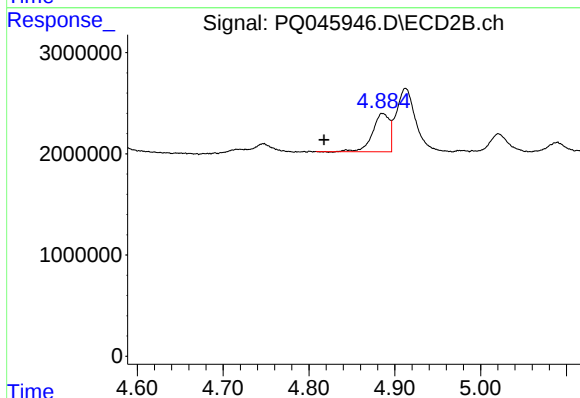
R.T.: 4.886 min
Delta R.T.: 0.068 min
Response: 5198773
Conc: 193.94 ng/ml



#11 AR-1232-1

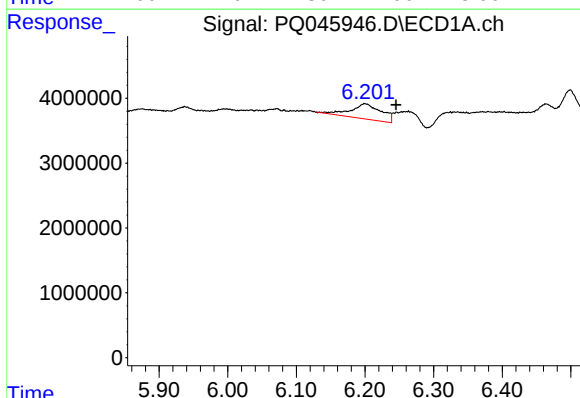
R.T.: 5.699 min
Delta R.T.: 0.046 min
Response: 6639347
Conc: 74.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



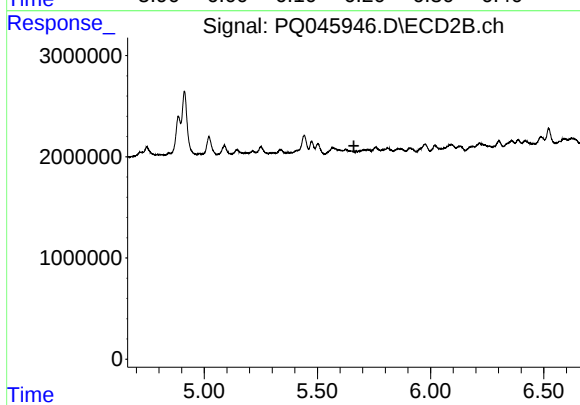
#11 AR-1232-1

R.T.: 4.886 min
Delta R.T.: 0.068 min
Response: 5198773
Conc: 93.03 ng/ml



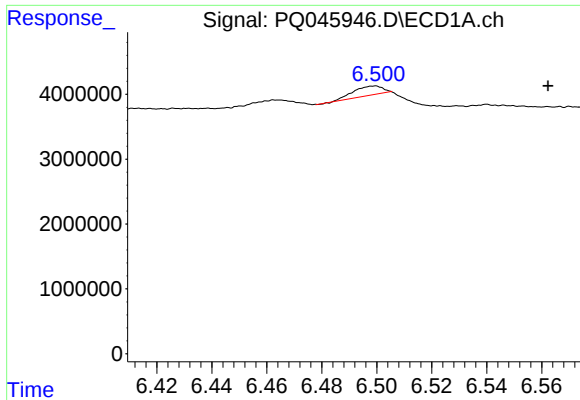
#12 AR-1232-2

R.T.: 6.200 min
Delta R.T.: -0.045 min
Response: 7352307
Conc: 164.03 ng/ml



#12 AR-1232-2

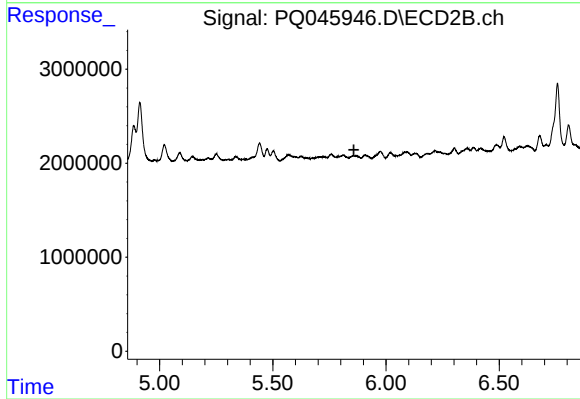
R.T.: 0.000 min
Exp R.T. : 5.661 min
Response: 0
Conc: N.D.



#13 AR-1232-3

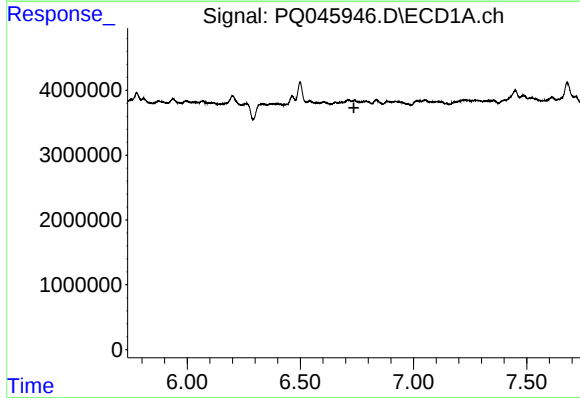
R.T.: 6.499 min
Delta R.T.: -0.063 min
Response: 1125927
Conc: 12.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



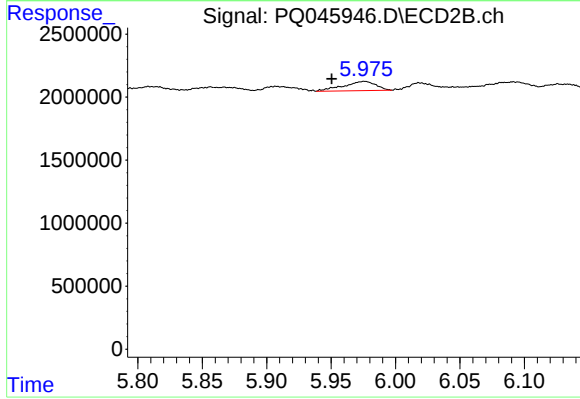
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.858 min
Response: 0
Conc: N.D.



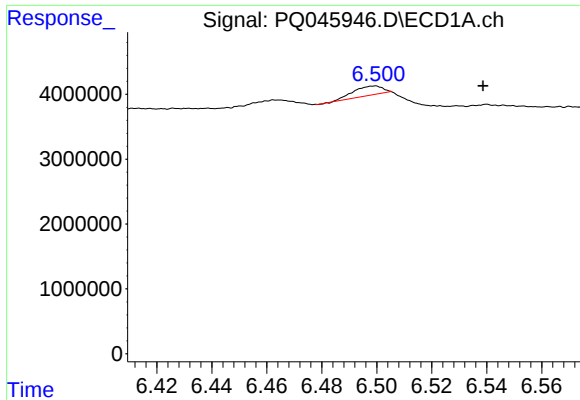
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.736 min
Response: 0
Conc: N.D.



#14 AR-1232-4

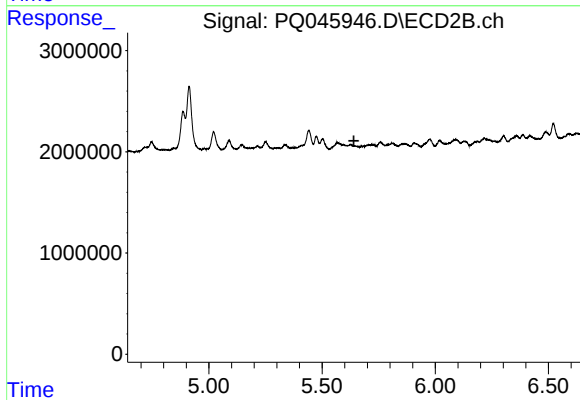
R.T.: 5.976 min
Delta R.T.: 0.025 min
Response: 1288922
Conc: 48.44 ng/ml



#16 AR-1242-1

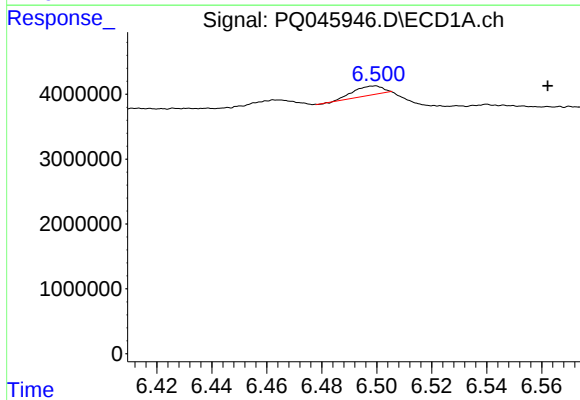
R.T.: 6.499 min
Delta R.T.: -0.040 min
Response: 1125927
Conc: 19.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



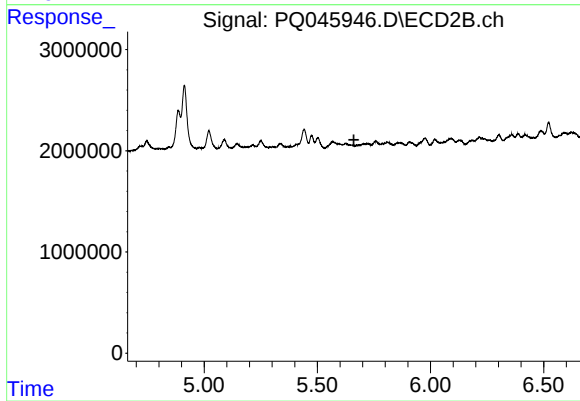
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



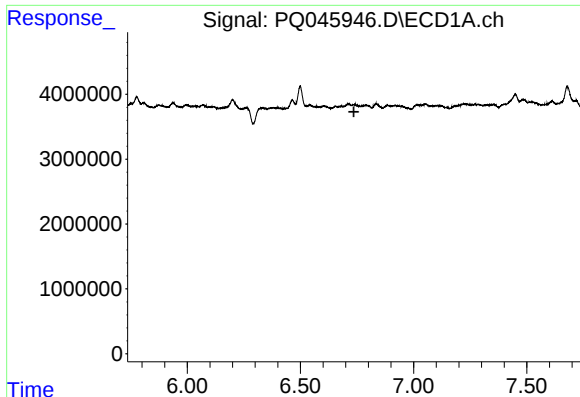
#17 AR-1242-2

R.T.: 6.499 min
Delta R.T.: -0.063 min
Response: 1125927
Conc: 12.70 ng/ml



#17 AR-1242-2

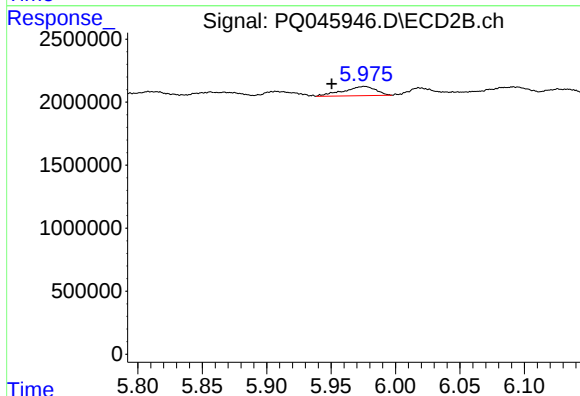
R.T.: 0.000 min
Exp R.T. : 5.661 min
Response: 0
Conc: N.D.



#19 AR-1242-4

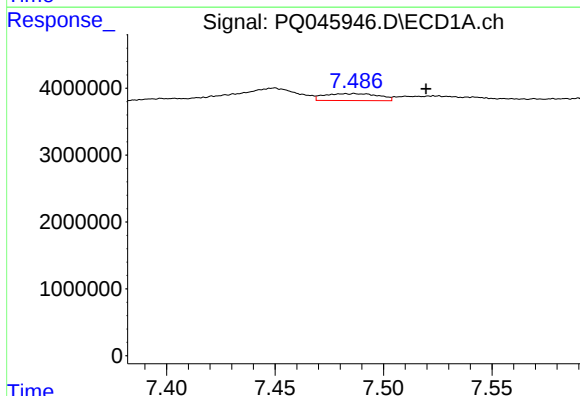
R.T.: 0.000 min
Exp R.T.: 6.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



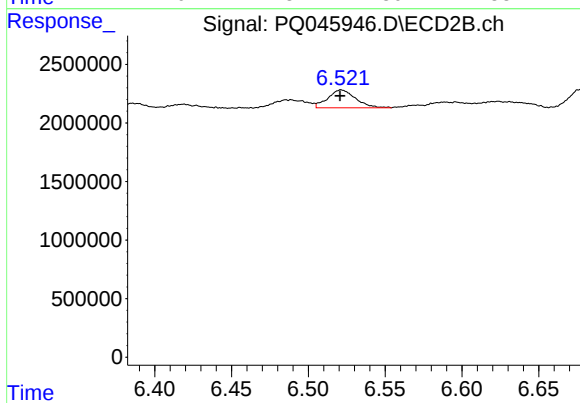
#19 AR-1242-4

R.T.: 5.976 min
Delta R.T.: 0.025 min
Response: 1288922
Conc: 43.84 ng/ml



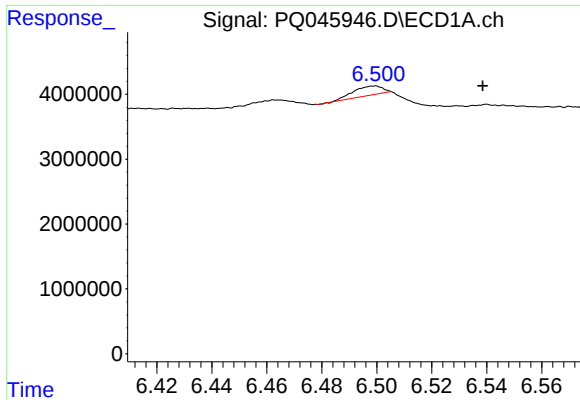
#20 AR-1242-5

R.T.: 7.487 min
Delta R.T.: -0.033 min
Response: 1808746
Conc: 35.23 ng/ml



#20 AR-1242-5

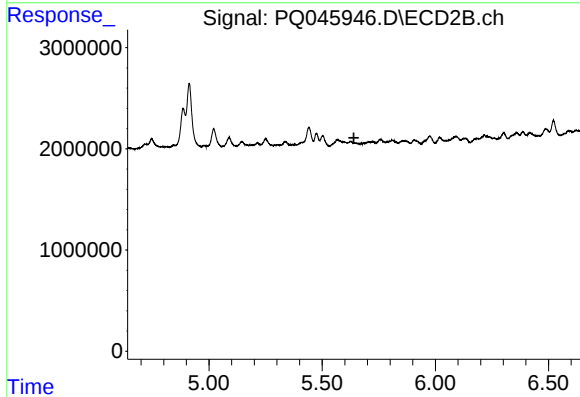
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1921971
Conc: 49.46 ng/ml



#21 AR-1248-1

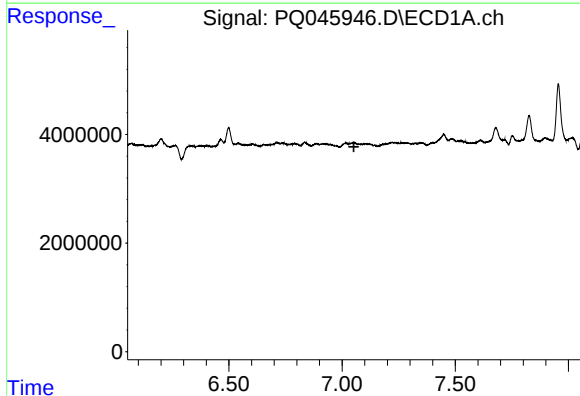
R.T.: 6.499 min
Delta R.T.: -0.039 min
Response: 1125927
Conc: 23.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



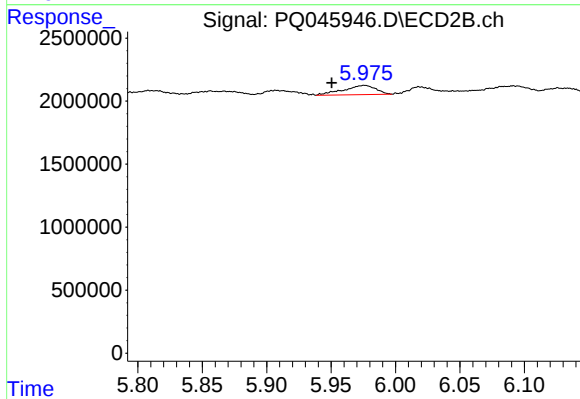
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



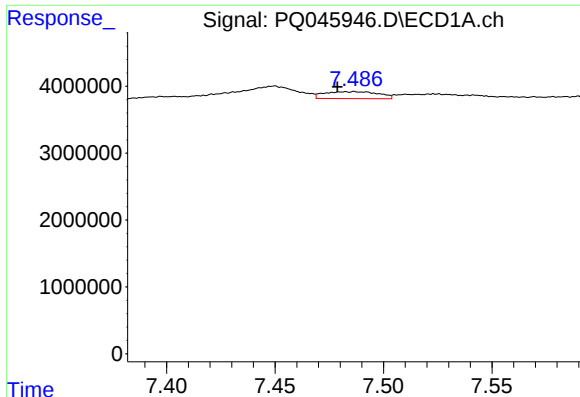
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.052 min
Response: 0
Conc: N.D.



#23 AR-1248-3

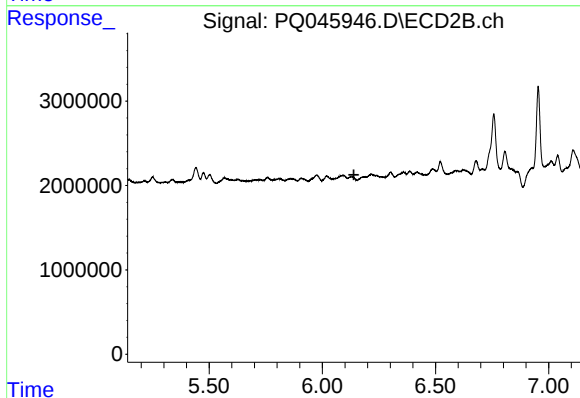
R.T.: 5.976 min
Delta R.T.: 0.025 min
Response: 1288922
Conc: 26.88 ng/ml



#24 AR-1248-4

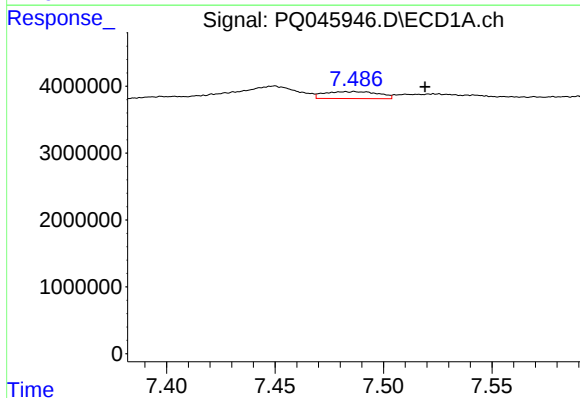
R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 1808746
Conc: 18.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



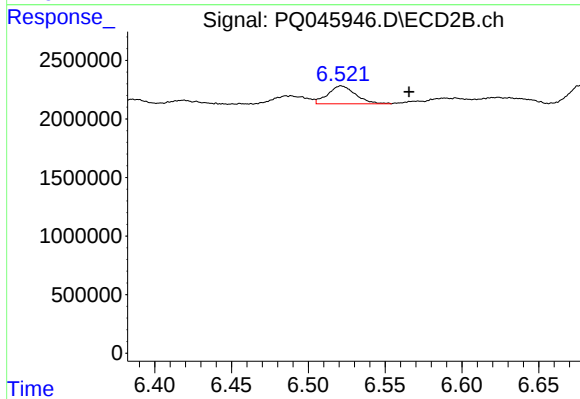
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.



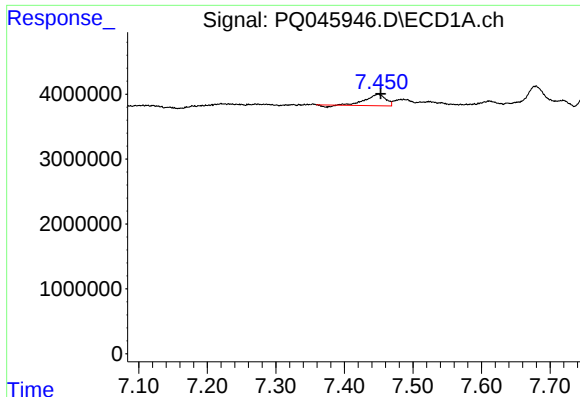
#25 AR-1248-5

R.T.: 7.487 min
Delta R.T.: -0.032 min
Response: 1808746
Conc: 17.88 ng/ml



#25 AR-1248-5

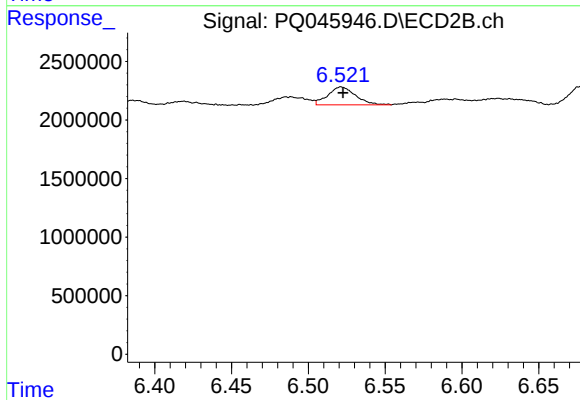
R.T.: 6.521 min
Delta R.T.: -0.044 min
Response: 1921971
Conc: 32.16 ng/ml



#26 AR-1254-1

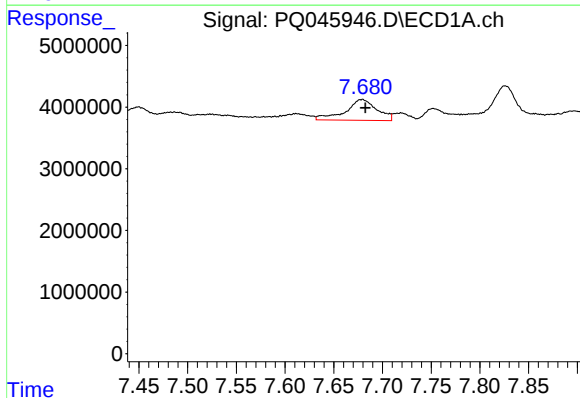
R.T.: 7.449 min
Delta R.T.: -0.004 min
Response: 3452911
Conc: 34.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



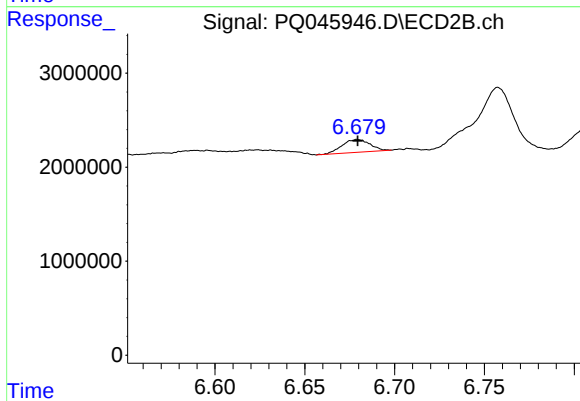
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 1921971
Conc: 20.06 ng/ml



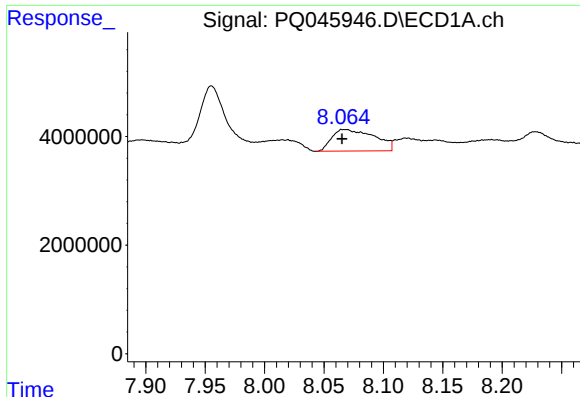
#27 AR-1254-2

R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 7621334
Conc: 45.58 ng/ml



#27 AR-1254-2

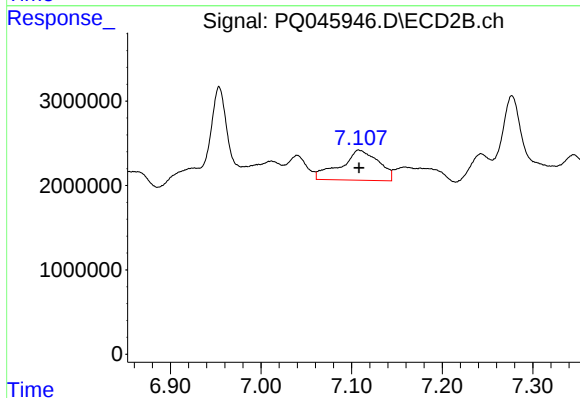
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1474681
Conc: 17.23 ng/ml



#28 AR-1254-3

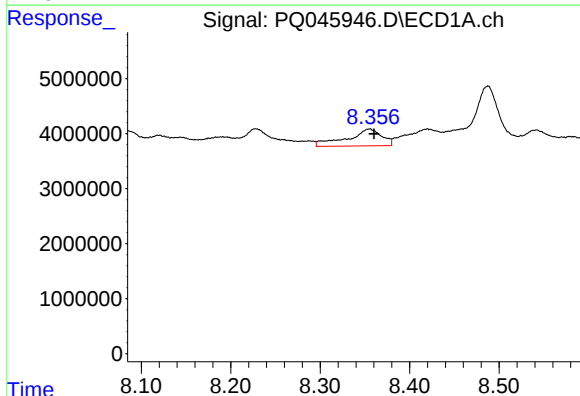
R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 9920495
Conc: 50.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



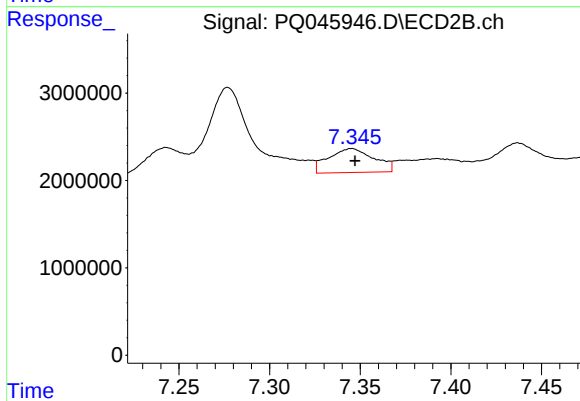
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 10459381
Conc: 70.70 ng/ml



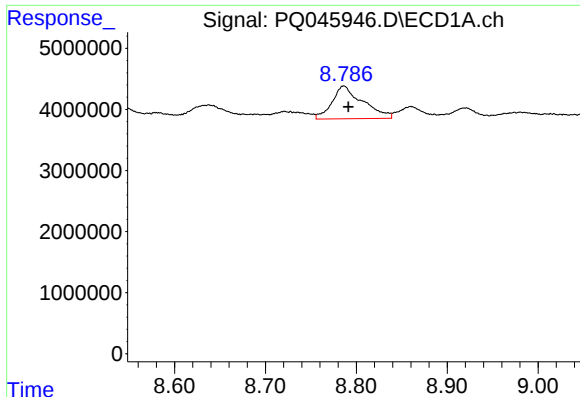
#29 AR-1254-4

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 8275348
Conc: 57.56 ng/ml



#29 AR-1254-4

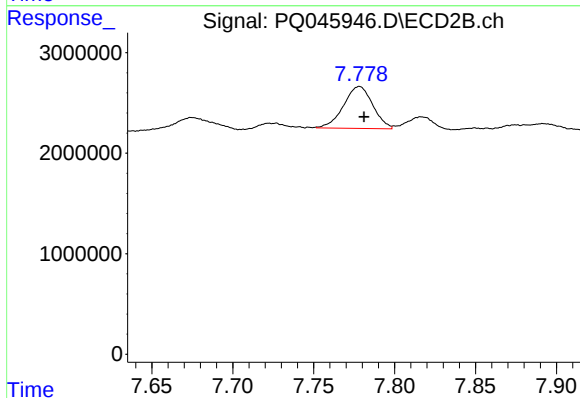
R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 4792585
Conc: 52.23 ng/ml



#30 AR-1254-5

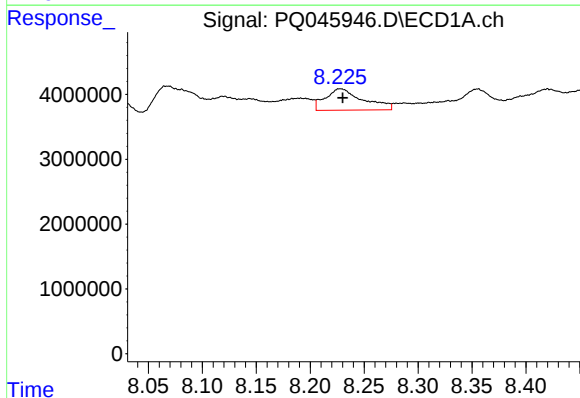
R.T.: 8.786 min
Delta R.T.: -0.005 min
Response: 12615616
Conc: 73.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



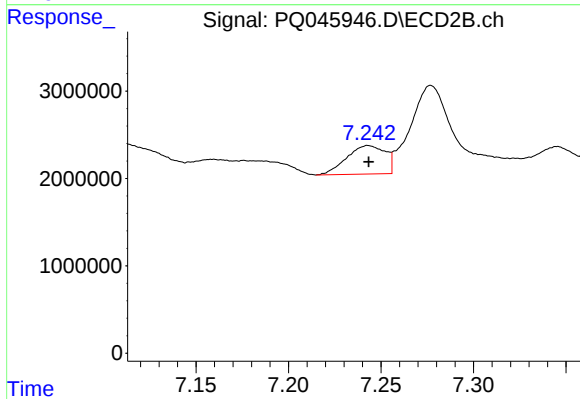
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 5263297
Conc: 38.37 ng/ml



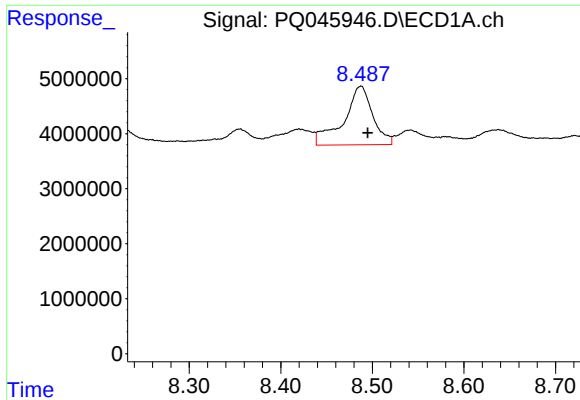
#31 AR-1260-1

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 8030734
Conc: 64.34 ng/ml



#31 AR-1260-1

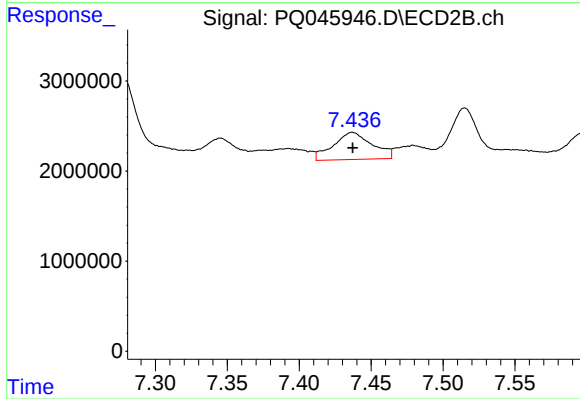
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 4725523
Conc: 54.68 ng/ml



#32 AR-1260-2

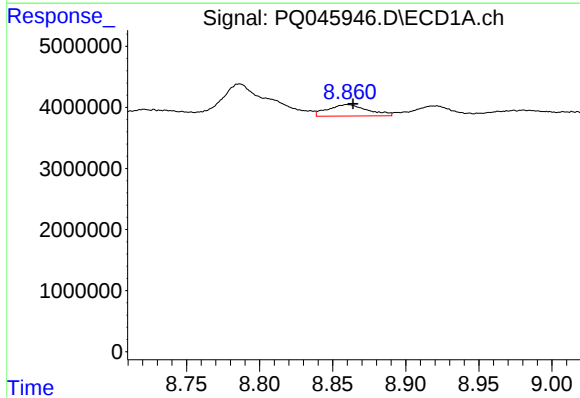
R.T.: 8.487 min
Delta R.T.: -0.007 min
Response: 23554195
Conc: 152.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



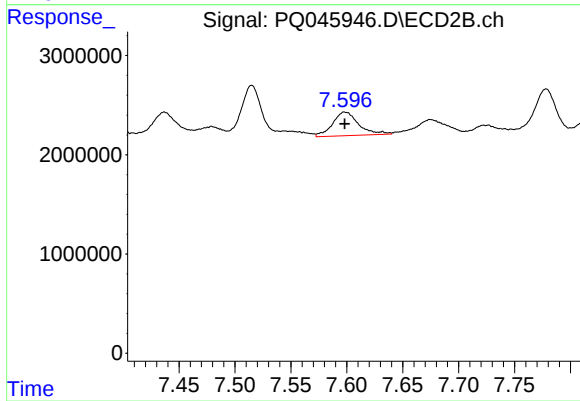
#32 AR-1260-2

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 5719385
Conc: 53.25 ng/ml



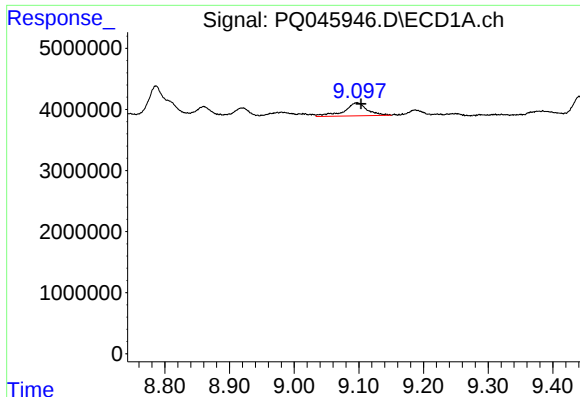
#33 AR-1260-3

R.T.: 8.860 min
Delta R.T.: -0.004 min
Response: 3565887
Conc: 27.59 ng/ml



#33 AR-1260-3

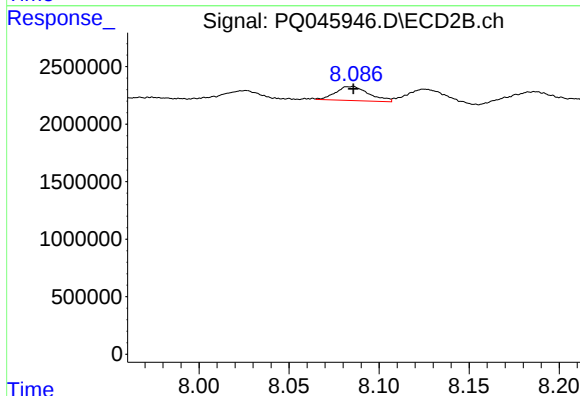
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 3870701
Conc: 38.86 ng/ml



#34 AR-1260-4

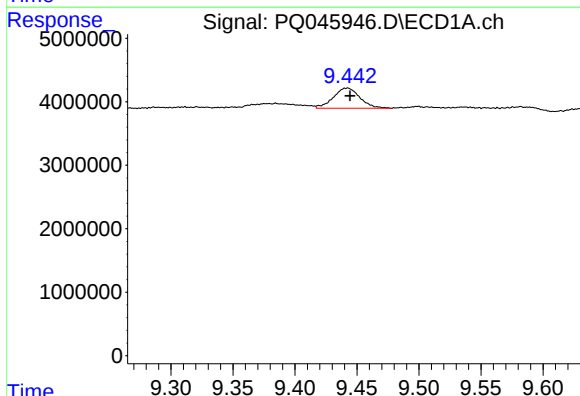
R.T.: 9.097 min
Delta R.T.: -0.006 min
Response: 5275243
Conc: 32.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



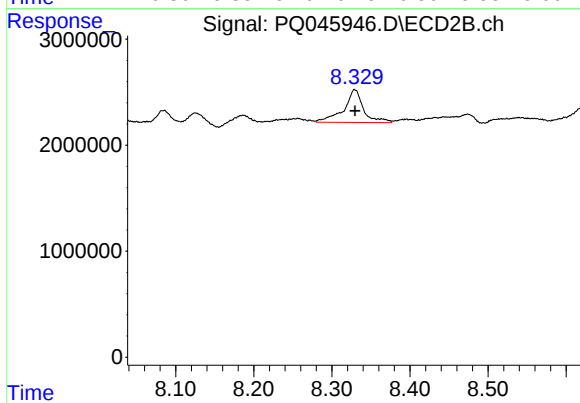
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 1576511
Conc: 16.94 ng/ml



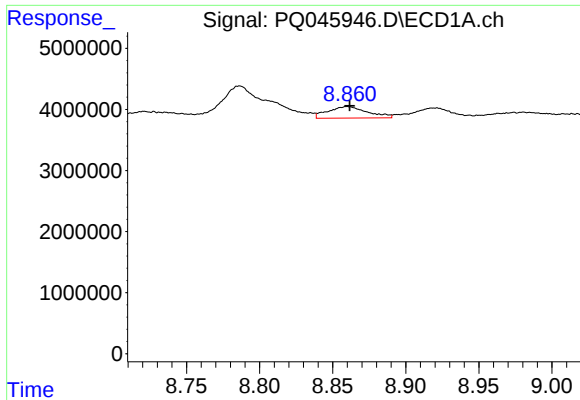
#35 AR-1260-5

R.T.: 9.442 min
Delta R.T.: -0.003 min
Response: 4755721
Conc: 14.10 ng/ml



#35 AR-1260-5

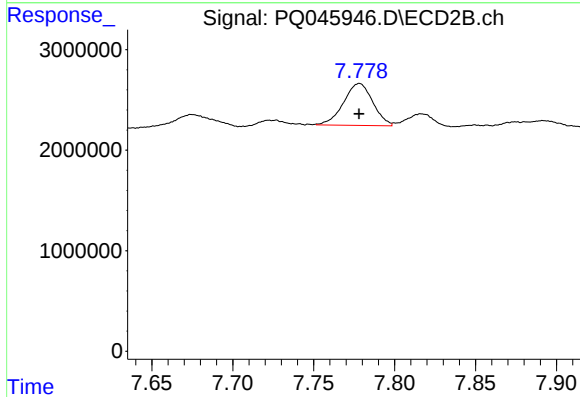
R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 5472965
Conc: 22.85 ng/ml



#36 AR-1262-1

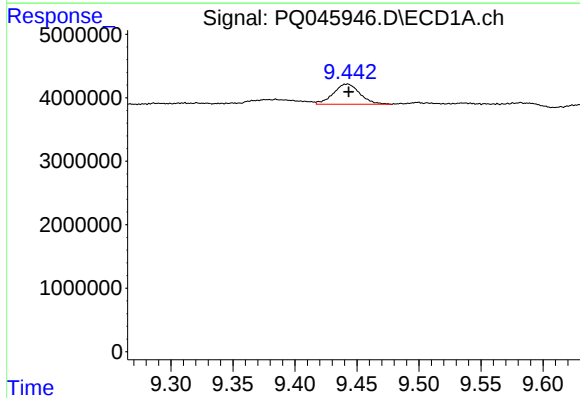
R.T.: 8.860 min
Delta R.T.: -0.001 min
Response: 3565887
Conc: 16.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



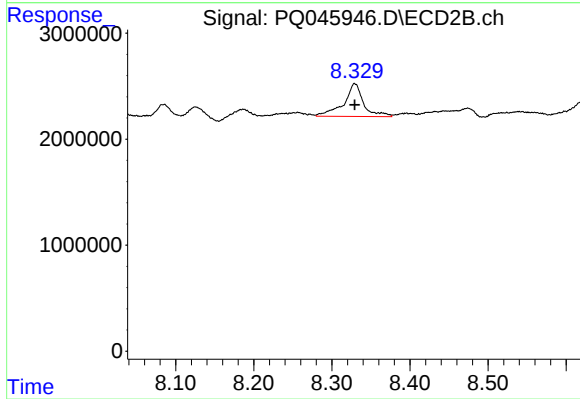
#36 AR-1262-1

R.T.: 7.778 min
Delta R.T.: 0.000 min
Response: 5263297
Conc: 67.17 ng/ml



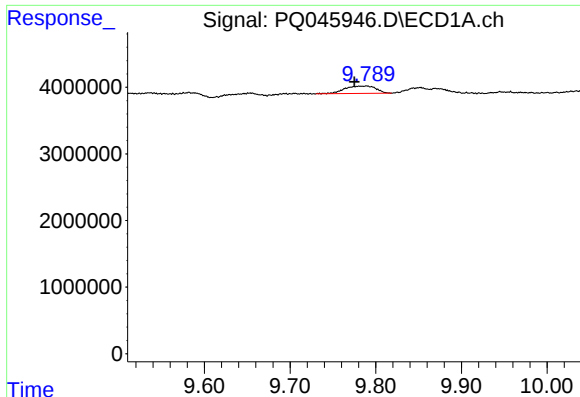
#37 AR-1262-2

R.T.: 9.442 min
Delta R.T.: -0.001 min
Response: 4755721
Conc: 11.30 ng/ml



#37 AR-1262-2

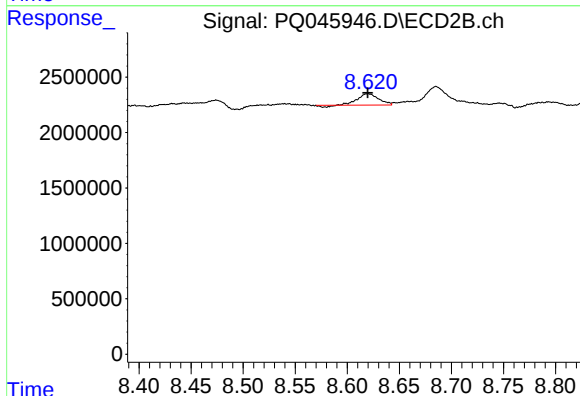
R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 5472965
Conc: 16.90 ng/ml



#38 AR-1262-3

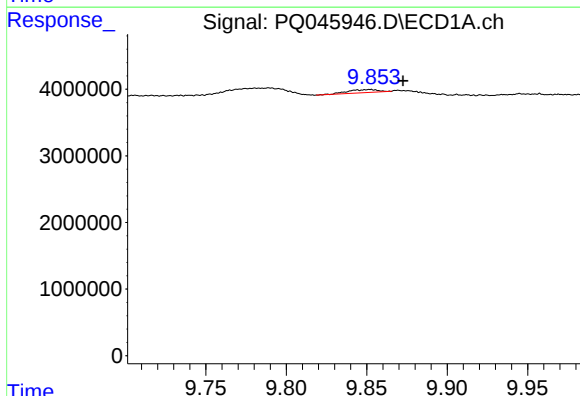
R.T.: 9.789 min
Delta R.T.: 0.014 min
Response: 2815707
Conc: 9.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



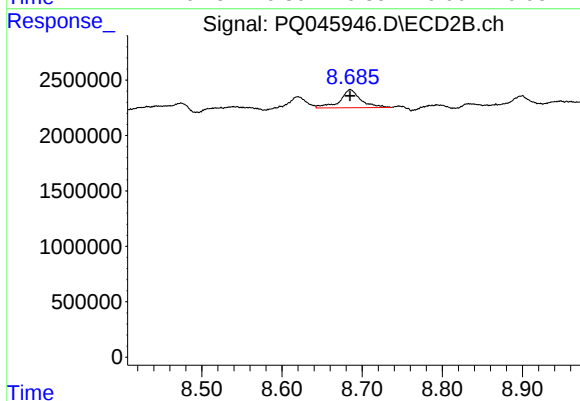
#38 AR-1262-3

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 1351509
Conc: 10.80 ng/ml



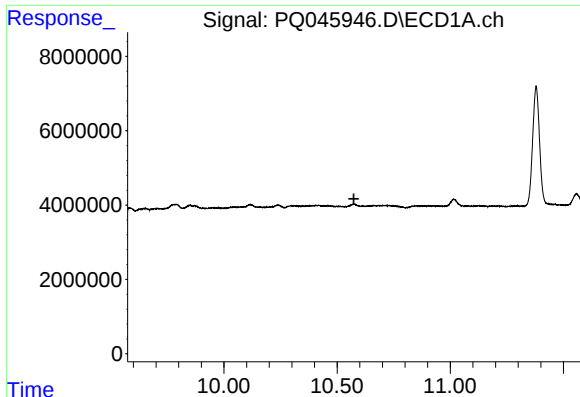
#39 AR-1262-4

R.T.: 9.852 min
Delta R.T.: -0.021 min
Response: 605492
Conc: 2.60 ng/ml



#39 AR-1262-4

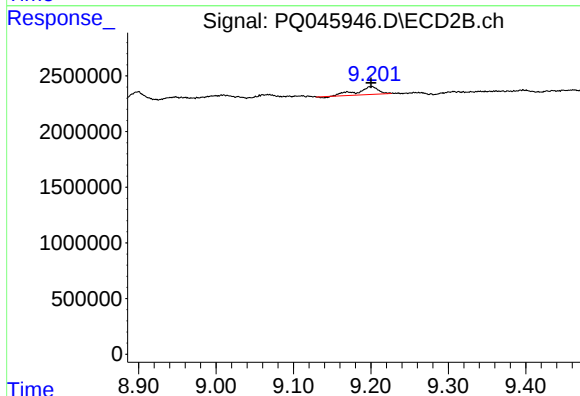
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2939499
Conc: 11.69 ng/ml



#40 AR-1262-5

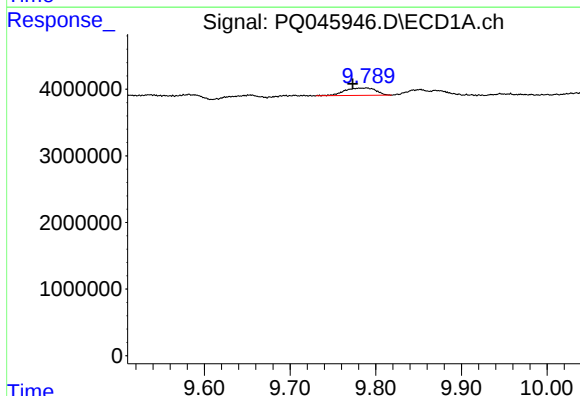
R.T.: 0.000 min
Exp R.T.: 10.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



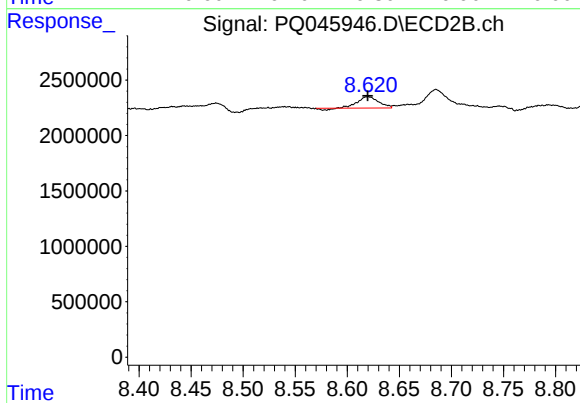
#40 AR-1262-5

R.T.: 9.201 min
Delta R.T.: 0.001 min
Response: 1296416
Conc: 10.94 ng/ml



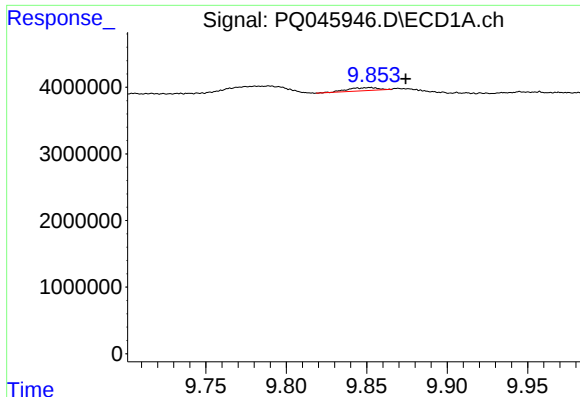
#41 AR-1268-1

R.T.: 9.789 min
Delta R.T.: 0.016 min
Response: 2815707
Conc: 5.63 ng/ml



#41 AR-1268-1

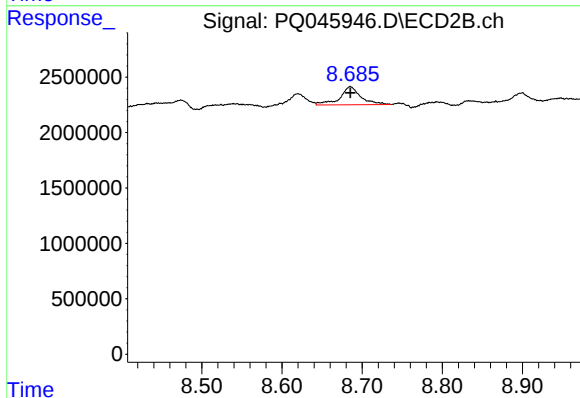
R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 1351509
Conc: 3.70 ng/ml



#42 AR-1268-2

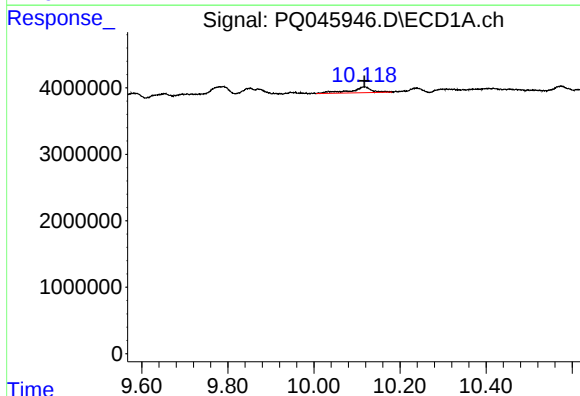
R.T.: 9.852 min
Delta R.T.: -0.022 min
Response: 605492
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



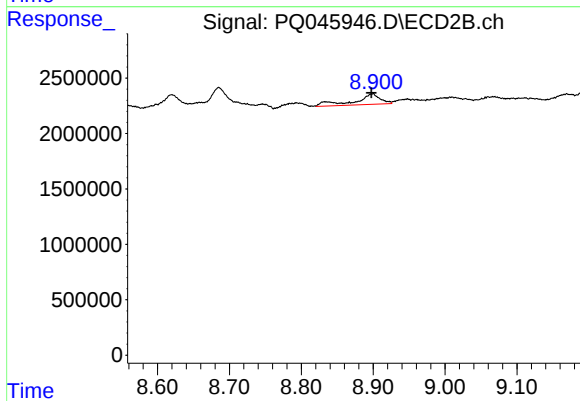
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2939499
Conc: 8.33 ng/ml



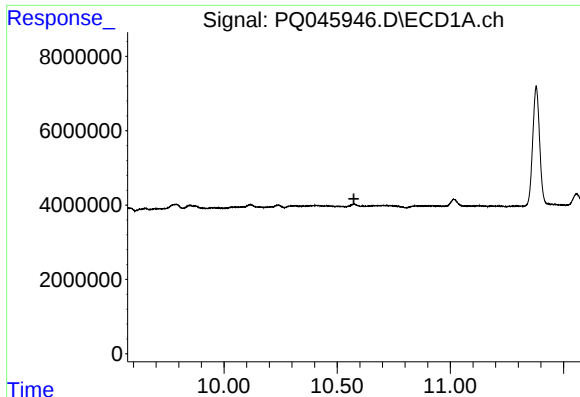
#43 AR-1268-3

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 2969142
Conc: 7.16 ng/ml



#43 AR-1268-3

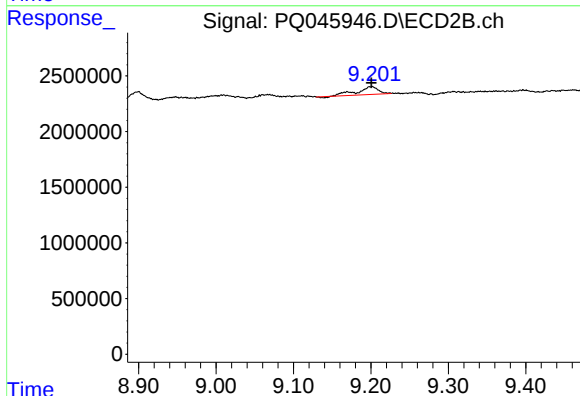
R.T.: 8.899 min
Delta R.T.: 0.002 min
Response: 2336812
Conc: 8.23 ng/ml



#44 AR-1268-4

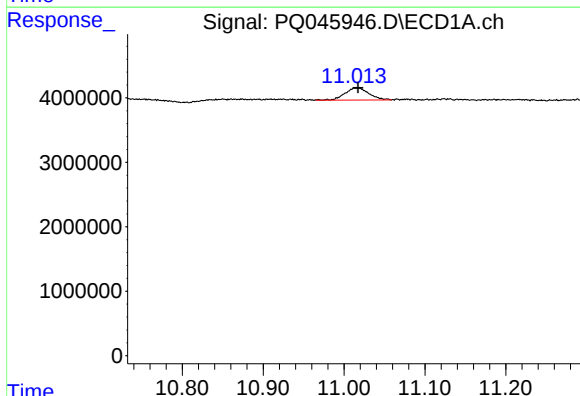
R.T.: 0.000 min
Exp R.T.: 10.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



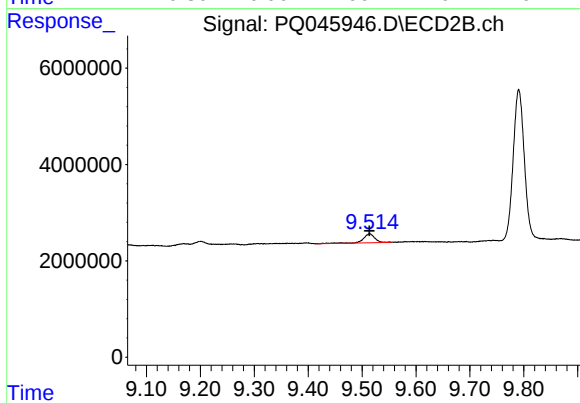
#44 AR-1268-4

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 1296416
Conc: 10.14 ng/ml



#45 AR-1268-5

R.T.: 11.014 min
Delta R.T.: -0.003 min
Response: 3906651
Conc: 2.43 ng/ml



#45 AR-1268-5

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 2888488
Conc: 2.69 ng/ml