

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111519\
 Data File : PQ045052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2019 15:17
 Operator : SM\AJ
 Sample : K5809-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 15:52:30 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...	5.104	4.309	129.7E6	84229268	16.338	17.863
2)	SA Decachlor...	11.170	9.724	113.6E6	118.7E6	16.399	17.496
Target Compounds							
3)	L1 AR-1016-1	6.402	0.000	2332971	0	9.283	N.D. #
4)	L1 AR-1016-2	6.402	0.000	2332971	0	6.170	N.D. #
5)	L1 AR-1016-3	0.000	5.752	0	3572201	N.D.	27.680 #
6)	L1 AR-1016-4	0.000	5.862	0	3631194	N.D.	33.440 #
7)	L1 AR-1016-5	0.000	6.030	0	981487	N.D.	6.424 #
8)	L2 AR-1221-1	5.358	4.511	3252081	1308188	39.242	24.389 #
9)	L2 AR-1221-2	5.456	4.673	1431610	1382395	24.383	35.015 #
10)	L2 AR-1221-3	5.564	0.000	1981221	0	10.096	N.D. #
11)	L3 AR-1232-1	5.564	0.000	1981221	0	11.365	N.D. #
12)	L3 AR-1232-2	6.105	0.000	4894250	0	54.570	N.D. #
13)	L3 AR-1232-3	6.402	5.752	2332971	3572201	13.213	60.321 #
14)	L3 AR-1232-4	0.000	5.916	0	9951848	N.D.	165.549 #
15)	L3 AR-1232-5	6.746	6.030	1310763	981487	19.758	13.476 #
16)	L4 AR-1242-1	6.402	0.000	2332971	0	10.854	N.D. #
17)	L4 AR-1242-2	6.402	0.000	2332971	0	7.255	N.D. #
18)	L4 AR-1242-3	0.000	5.752	0	3572201	N.D.	32.140 #
19)	L4 AR-1242-4	0.000	5.916	0	9951848	N.D.	83.457 #
20)	L4 AR-1242-5	0.000	6.513	0	10657678	N.D.	64.906 #
21)	L5 AR-1248-1	6.402	0.000	2332971	0	13.852	N.D. #
22)	L5 AR-1248-2	6.746	5.862	1310763	3631194	5.352	21.331 #
23)	L5 AR-1248-3	0.000	5.916	0	9951848	N.D.	55.646 #
24)	L5 AR-1248-4	0.000	6.030	0	981487	N.D.	4.509 #
25)	L5 AR-1248-5	0.000	6.513	0	10657678	N.D.	47.795 #
26)	L6 AR-1254-1	7.272	6.513	5261418	10657678	16.261	29.297 #
27)	L6 AR-1254-2	0.000	6.584	0	9286607	N.D.	28.833 #
28)	L6 AR-1254-3	0.000	7.106	0	2521447	N.D.	4.546 #
29)	L6 AR-1254-4	0.000	7.249	0	7679447	N.D.	21.486 #
31)	L7 AR-1260-1	0.000	7.249	0	7679447	N.D.	25.066 #
32)	L7 AR-1260-2	0.000	7.380	0	2717779	N.D.	6.883 #
33)	L7 AR-1260-3	0.000	7.504	0	427588	N.D.	1.248 #
34)	L7 AR-1260-4	0.000	8.068	0	4031747	N.D.	13.147 #
35)	L7 AR-1260-5	0.000	8.307	0	3037642	N.D.	3.881 #
37)	L8 AR-1262-2	0.000	8.307	0	3037642	N.D.	3.078 #
38)	L8 AR-1262-3	0.000	8.586	0	3563363	N.D.	9.248 #
39)	L8 AR-1262-4	0.000	8.629	0	4498527	N.D.	6.106 #
40)	L8 AR-1262-5	0.000	9.132	0	2230599	N.D.	6.407 #
41)	L9 AR-1268-1	0.000	8.586	0	3563363	N.D.	2.963 #
42)	L9 AR-1268-2	0.000	8.629	0	4498527	N.D.	4.040 #
43)	L9 AR-1268-3	0.000	8.840	0	1972356	N.D.	2.120 #

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Instrument :
 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 15:52:30 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
44) L9	AR-1268-4	0.000	9.132	0	2230599	N.D.	5.538 #
45) L9	AR-1268-5	0.000	9.452	0	2520202	N.D.	0.834 #

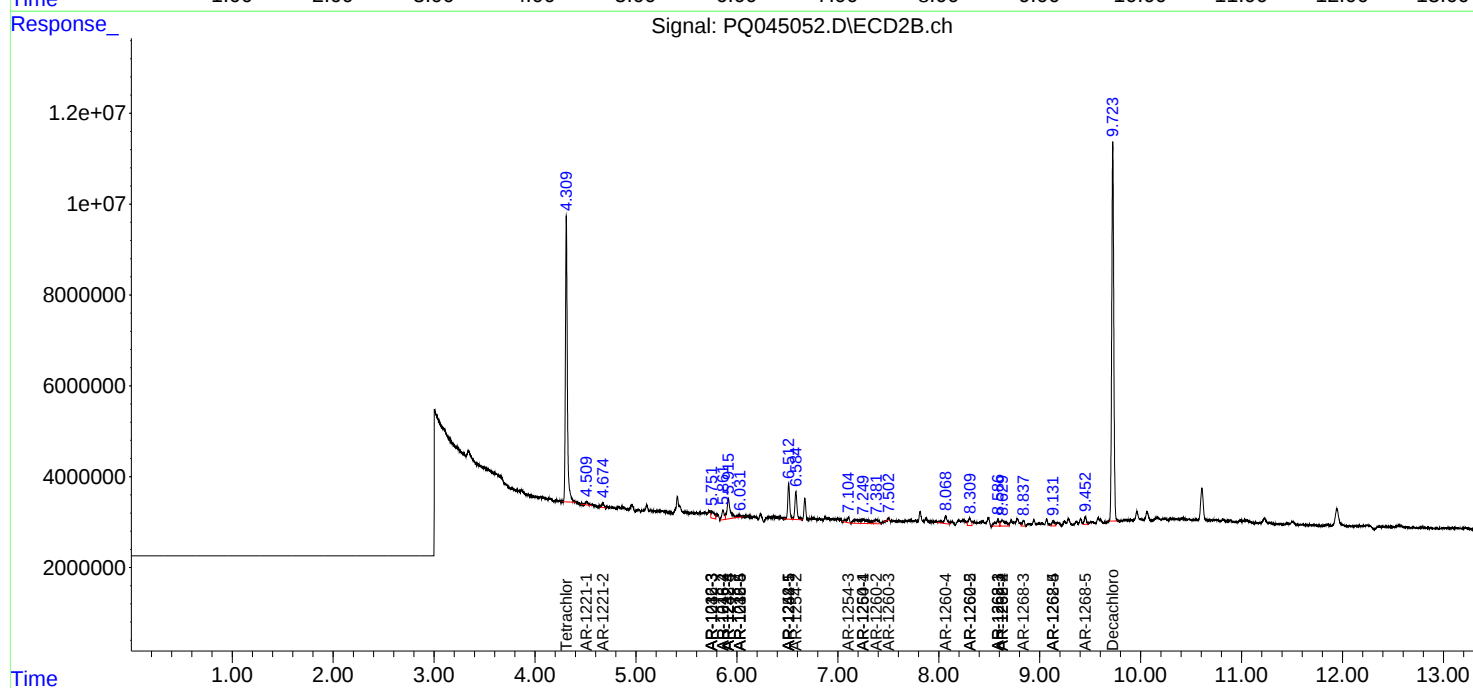
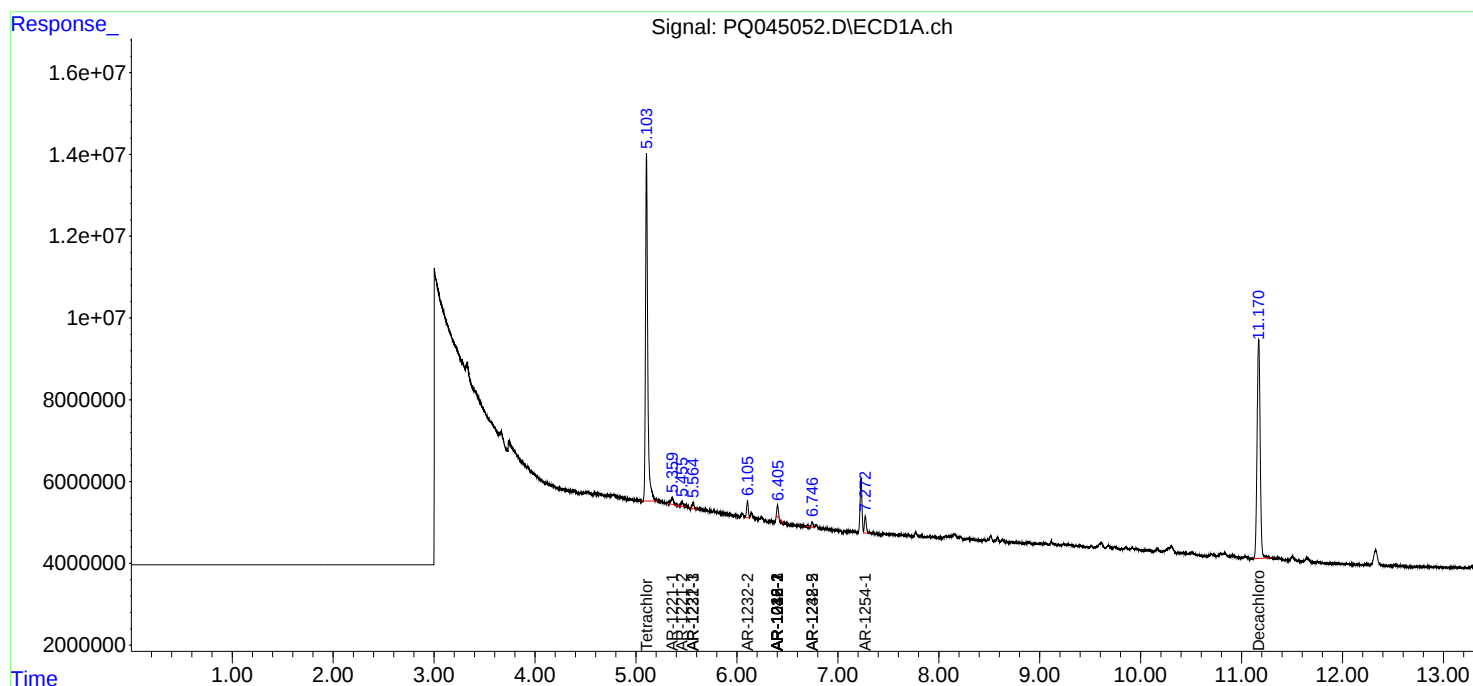
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

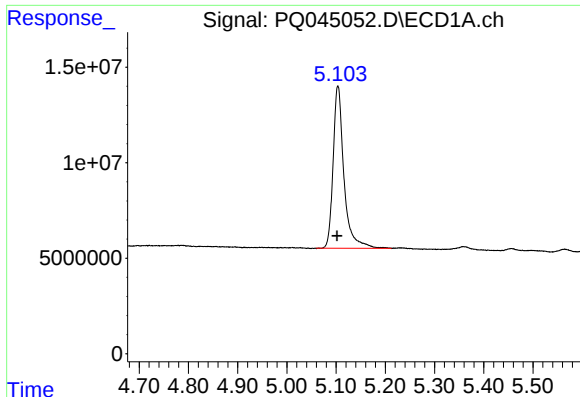
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111519\
Data File : PQ045052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2019 15:17
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

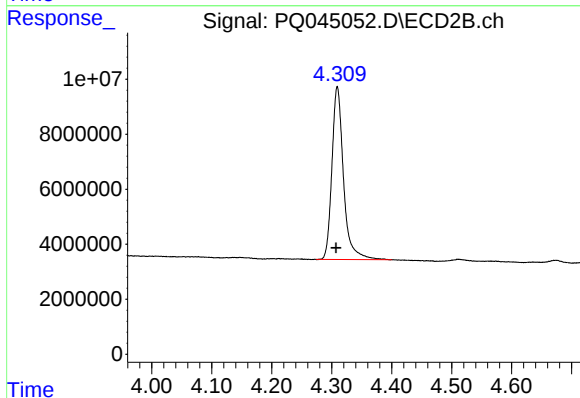




#1 Tetrachloro-m-xylene

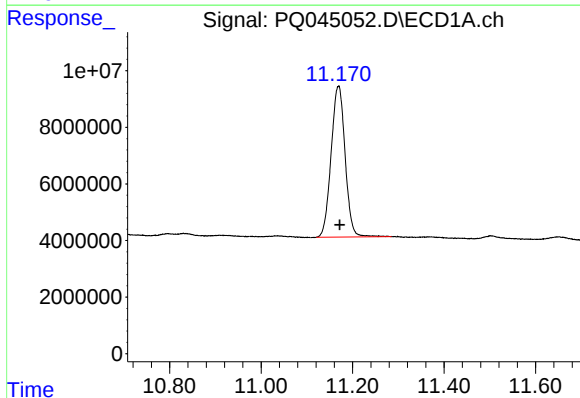
R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 129692588
Conc: 16.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



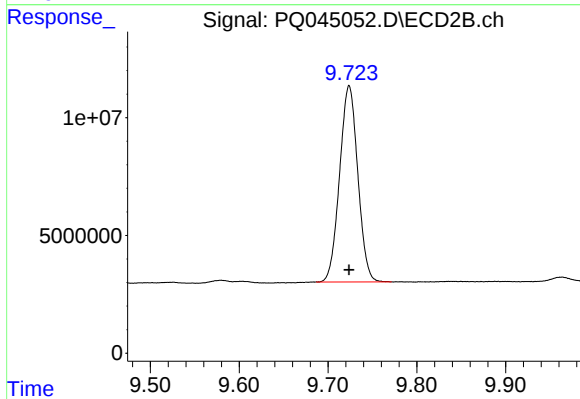
#1 Tetrachloro-m-xylene

R.T.: 4.309 min
Delta R.T.: 0.002 min
Response: 84229268
Conc: 17.86 ng/ml



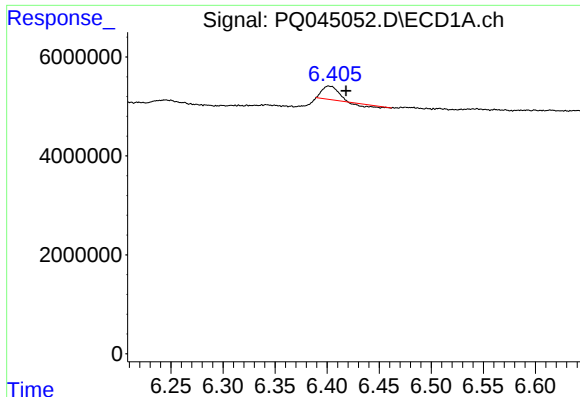
#2 Decachlorobiphenyl

R.T.: 11.170 min
Delta R.T.: -0.002 min
Response: 113575632
Conc: 16.40 ng/ml



#2 Decachlorobiphenyl

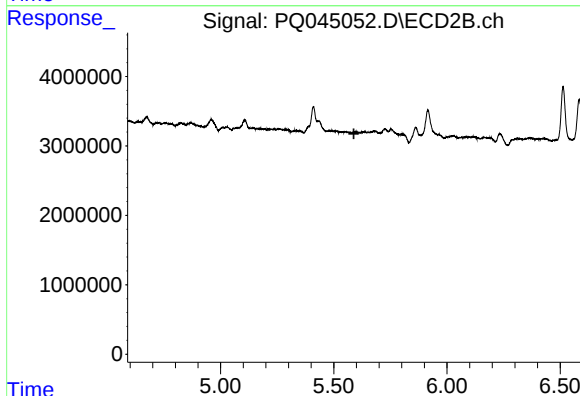
R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 118715287
Conc: 17.50 ng/ml



#3 AR-1016-1

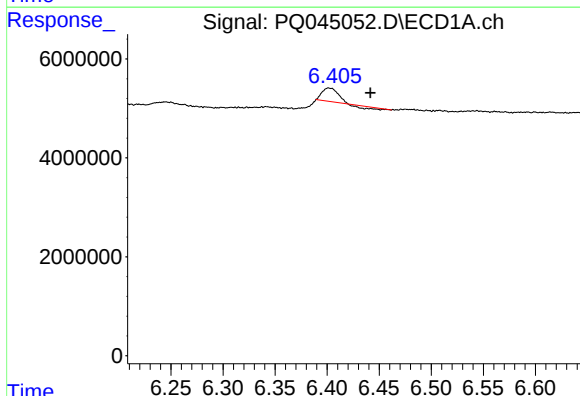
R.T.: 6.402 min
Delta R.T.: -0.016 min
Response: 2332971
Conc: 9.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



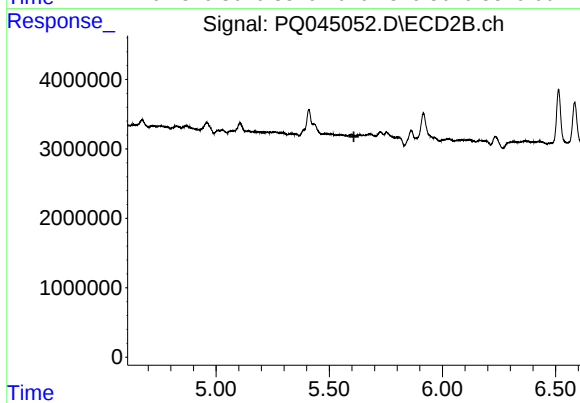
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.589 min
Response: 0
Conc: N.D.



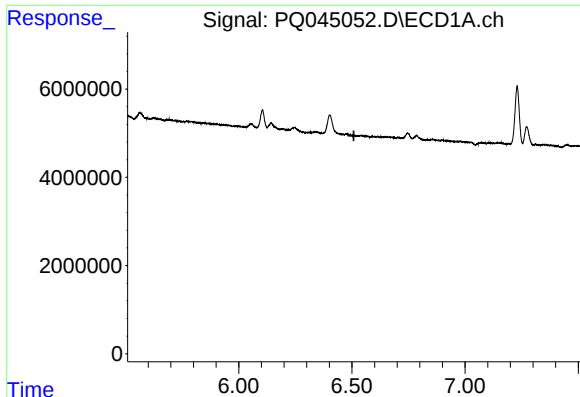
#4 AR-1016-2

R.T.: 6.402 min
Delta R.T.: -0.040 min
Response: 2332971
Conc: 6.17 ng/ml



#4 AR-1016-2

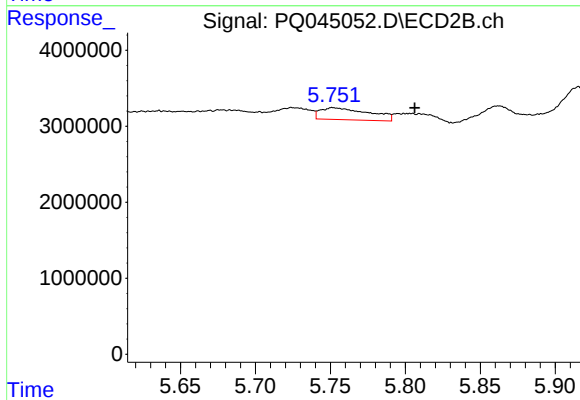
R.T.: 0.000 min
Exp R.T. : 5.609 min
Response: 0
Conc: N.D.



#5 AR-1016-3

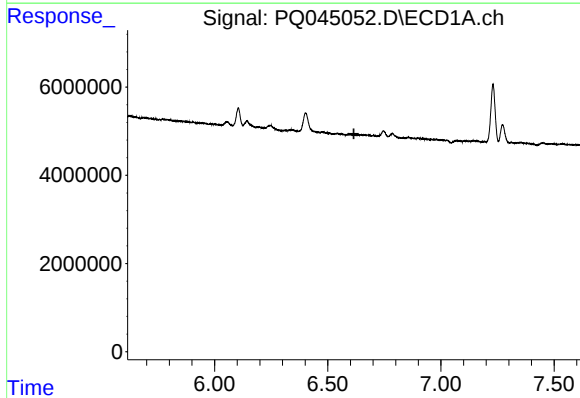
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



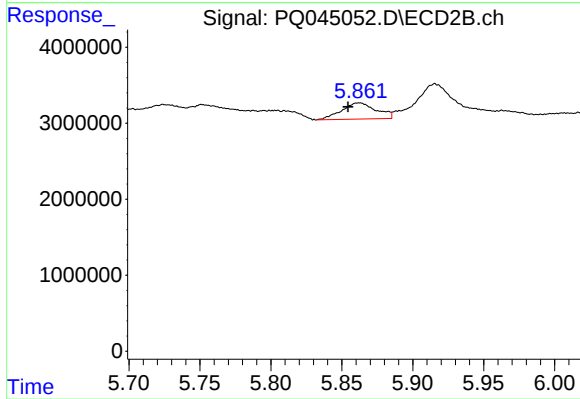
#5 AR-1016-3

R.T.: 5.752 min
Delta R.T.: -0.054 min
Response: 3572201
Conc: 27.68 ng/ml



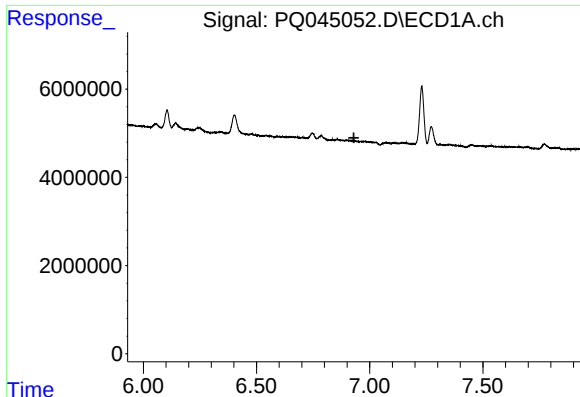
#6 AR-1016-4

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



#6 AR-1016-4

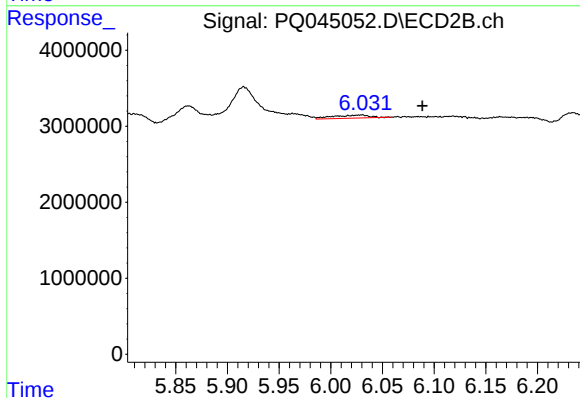
R.T.: 5.862 min
Delta R.T.: 0.008 min
Response: 3631194
Conc: 33.44 ng/ml



#7 AR-1016-5

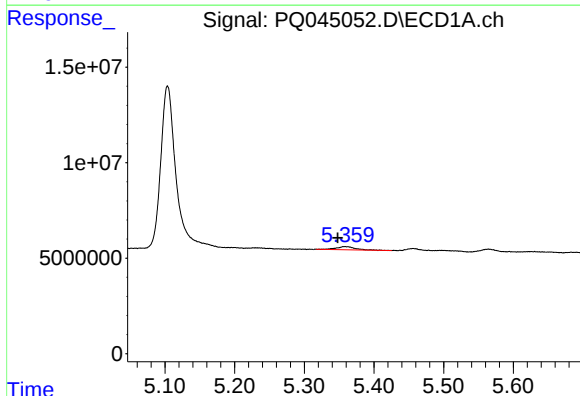
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



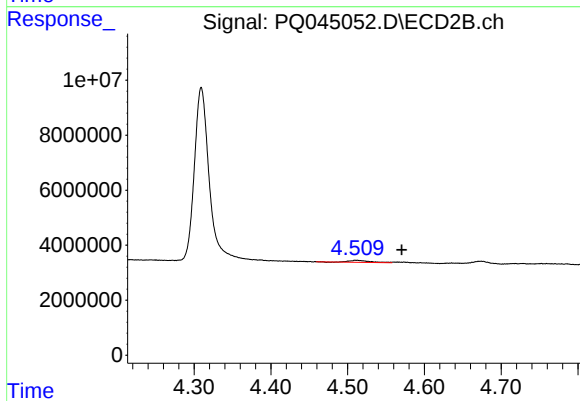
#7 AR-1016-5

R.T.: 6.030 min
Delta R.T.: -0.059 min
Response: 981487
Conc: 6.42 ng/ml



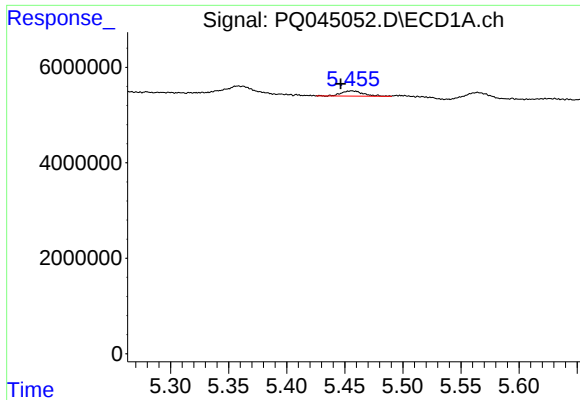
#8 AR-1221-1

R.T.: 5.358 min
Delta R.T.: 0.010 min
Response: 3252081
Conc: 39.24 ng/ml



#8 AR-1221-1

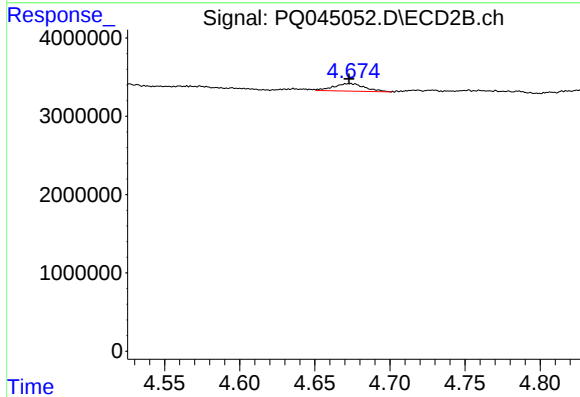
R.T.: 4.511 min
Delta R.T.: -0.060 min
Response: 1308188
Conc: 24.39 ng/ml



#9 AR-1221-2

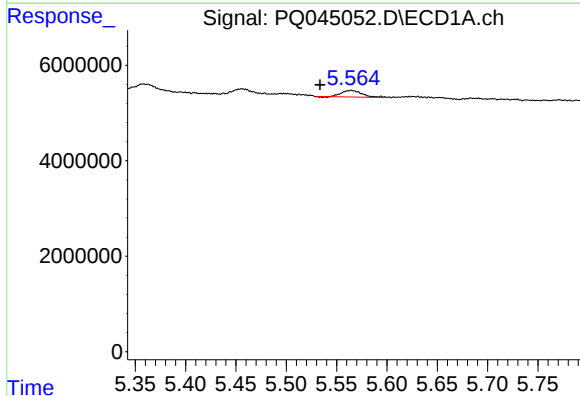
R.T.: 5.456 min
Delta R.T.: 0.010 min
Response: 1431610
Conc: 24.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



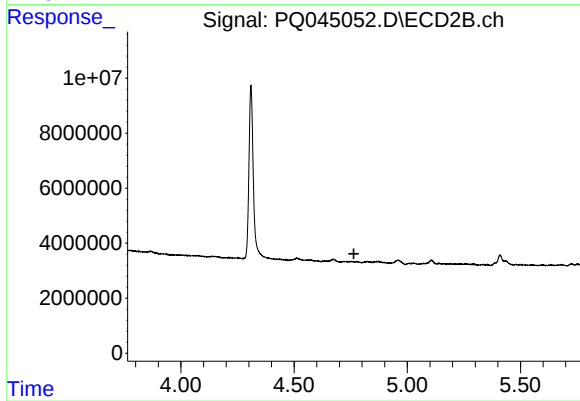
#9 AR-1221-2

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 1382395
Conc: 35.01 ng/ml



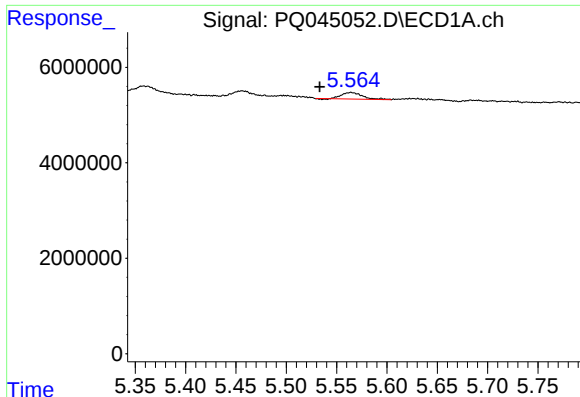
#10 AR-1221-3

R.T.: 5.564 min
Delta R.T.: 0.031 min
Response: 1981221
Conc: 10.10 ng/ml



#10 AR-1221-3

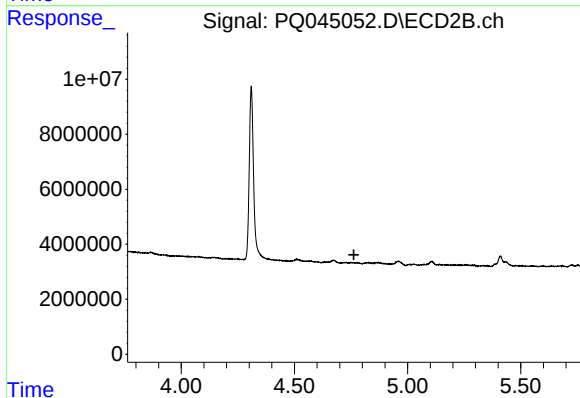
R.T.: 0.000 min
Exp R.T.: 4.764 min
Response: 0
Conc: N.D.



#11 AR-1232-1

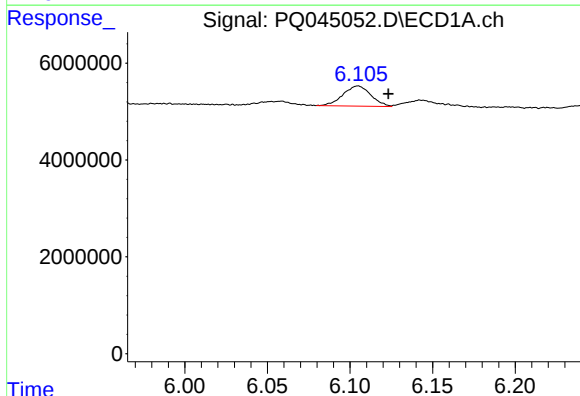
R.T.: 5.564 min
Delta R.T.: 0.031 min
Response: 1981221
Conc: 11.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



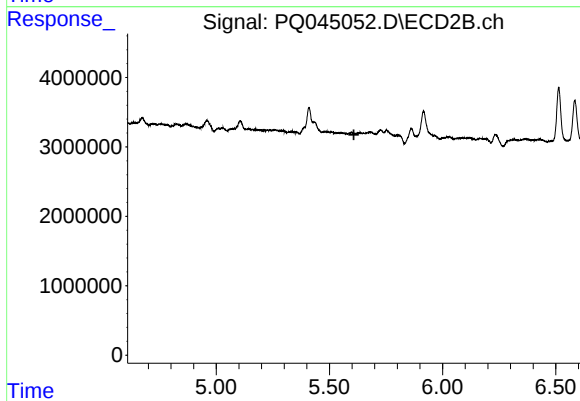
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



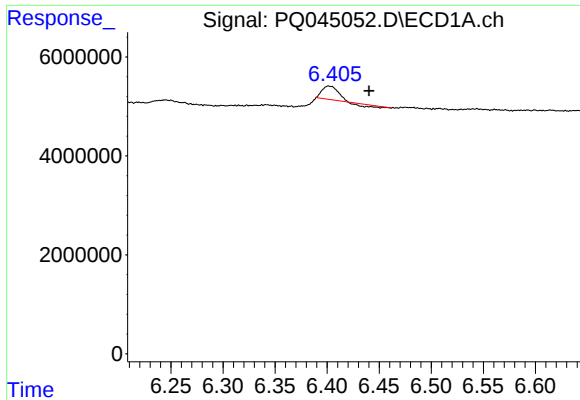
#12 AR-1232-2

R.T.: 6.105 min
Delta R.T.: -0.018 min
Response: 4894250
Conc: 54.57 ng/ml



#12 AR-1232-2

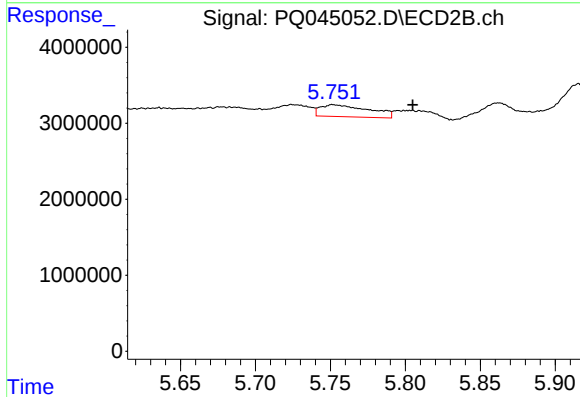
R.T.: 0.000 min
Exp R.T. : 5.608 min
Response: 0
Conc: N.D.



#13 AR-1232-3

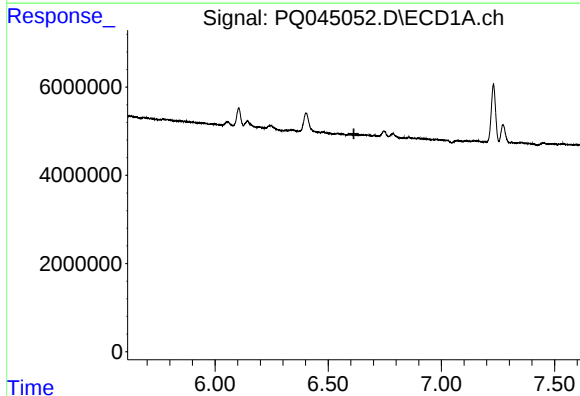
R.T.: 6.402 min
Delta R.T.: -0.038 min
Response: 2332971
Conc: 13.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



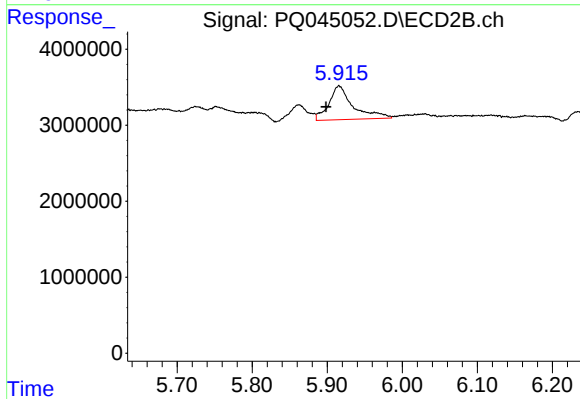
#13 AR-1232-3

R.T.: 5.752 min
Delta R.T.: -0.053 min
Response: 3572201
Conc: 60.32 ng/ml



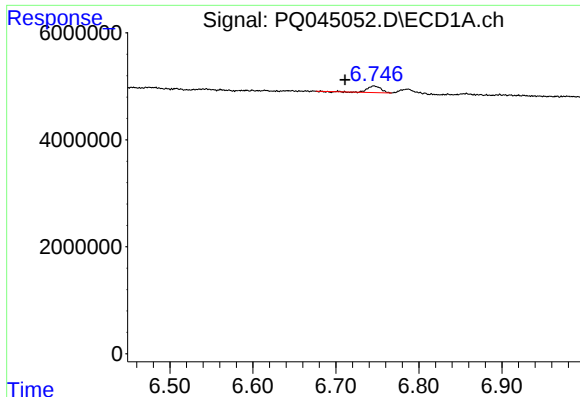
#14 AR-1232-4

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



#14 AR-1232-4

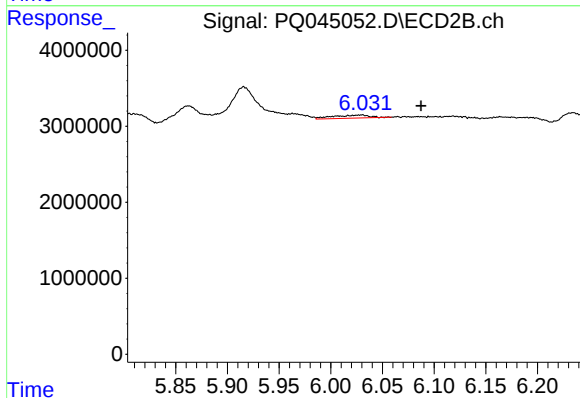
R.T.: 5.916 min
Delta R.T.: 0.017 min
Response: 9951848
Conc: 165.55 ng/ml



#15 AR-1232-5

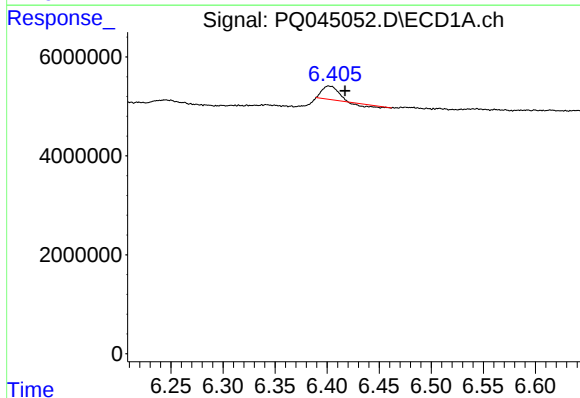
R.T.: 6.746 min
Delta R.T.: 0.035 min
Response: 1310763
Conc: 19.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



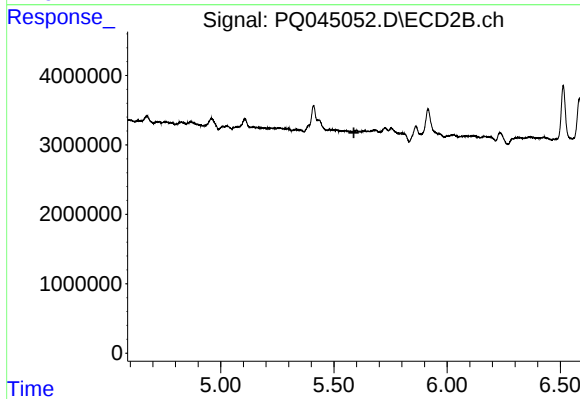
#15 AR-1232-5

R.T.: 6.030 min
Delta R.T.: -0.058 min
Response: 981487
Conc: 13.48 ng/ml



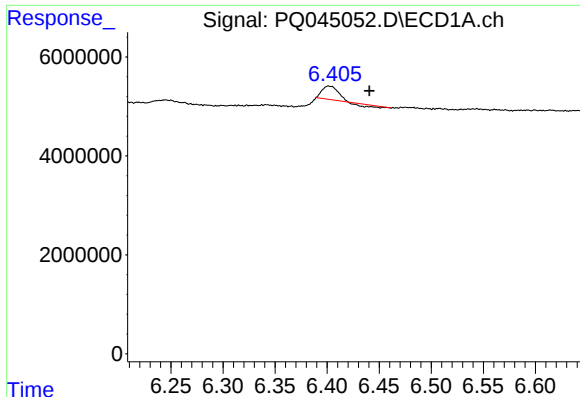
#16 AR-1242-1

R.T.: 6.402 min
Delta R.T.: -0.015 min
Response: 2332971
Conc: 10.85 ng/ml



#16 AR-1242-1

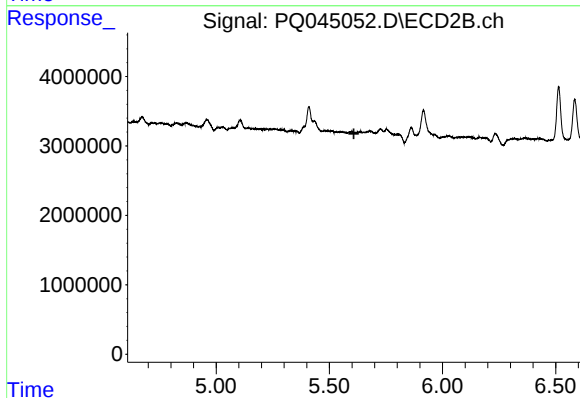
R.T.: 0.000 min
Exp R.T.: 5.588 min
Response: 0
Conc: N.D.



#17 AR-1242-2

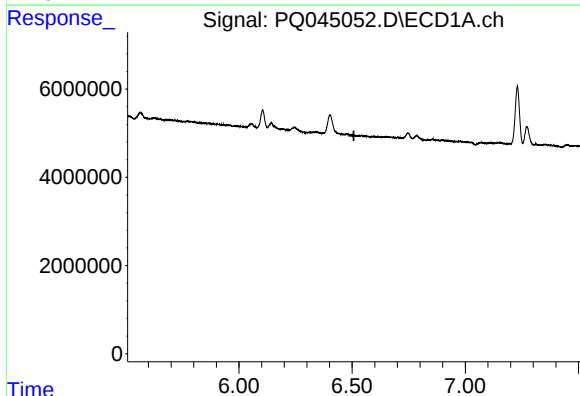
R.T.: 6.402 min
Delta R.T.: -0.039 min
Response: 2332971
Conc: 7.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



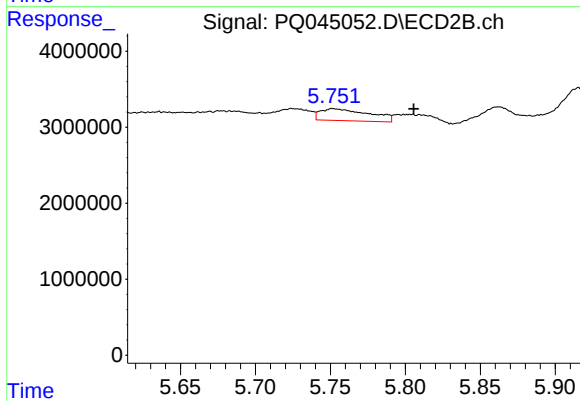
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.609 min
Response: 0
Conc: N.D.



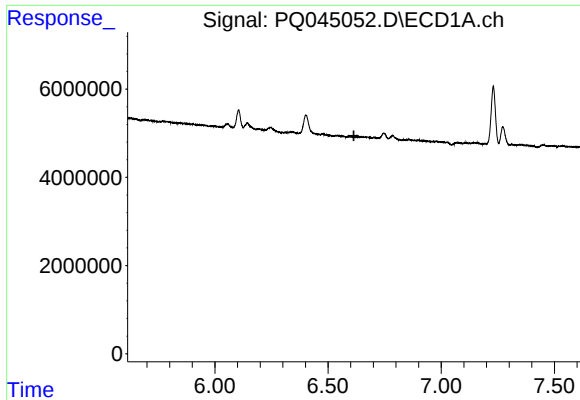
#18 AR-1242-3

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



#18 AR-1242-3

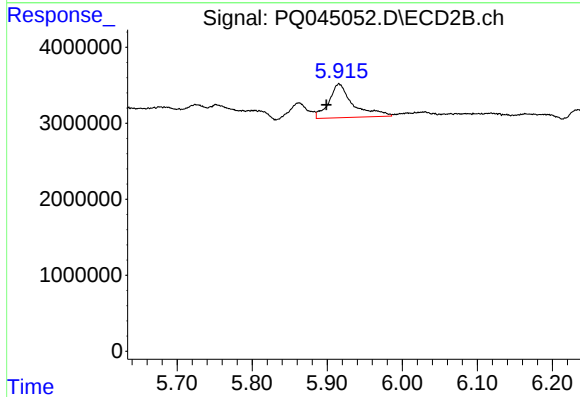
R.T.: 5.752 min
Delta R.T.: -0.054 min
Response: 3572201
Conc: 32.14 ng/ml



#19 AR-1242-4

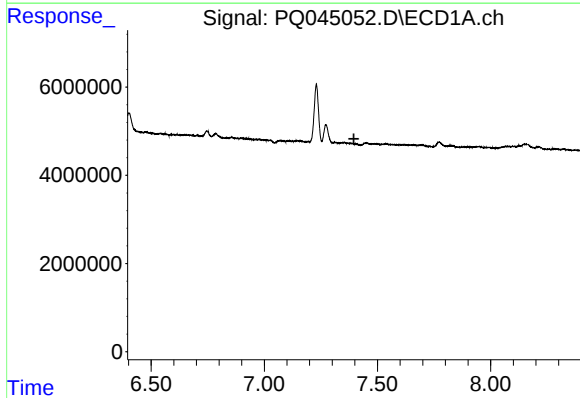
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



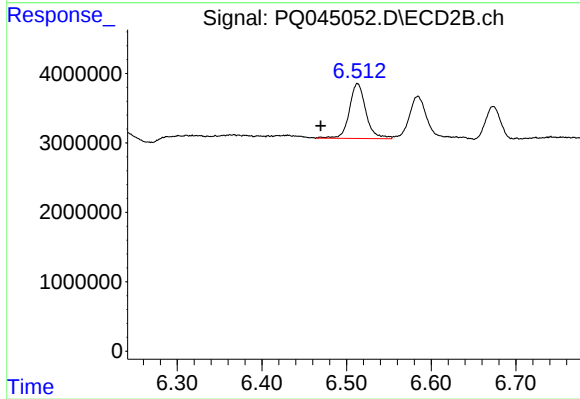
#19 AR-1242-4

R.T.: 5.916 min
Delta R.T.: 0.017 min
Response: 9951848
Conc: 83.46 ng/ml



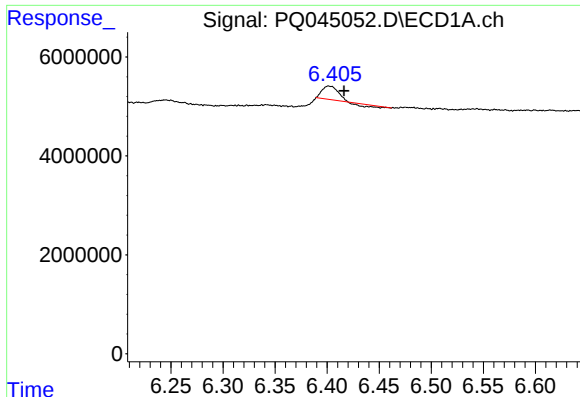
#20 AR-1242-5

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



#20 AR-1242-5

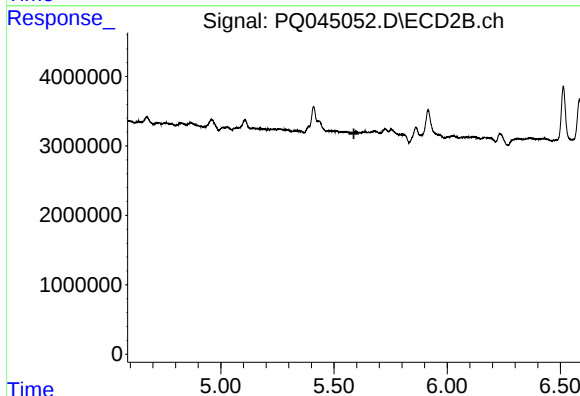
R.T.: 6.513 min
Delta R.T.: 0.044 min
Response: 10657678
Conc: 64.91 ng/ml



#21 AR-1248-1

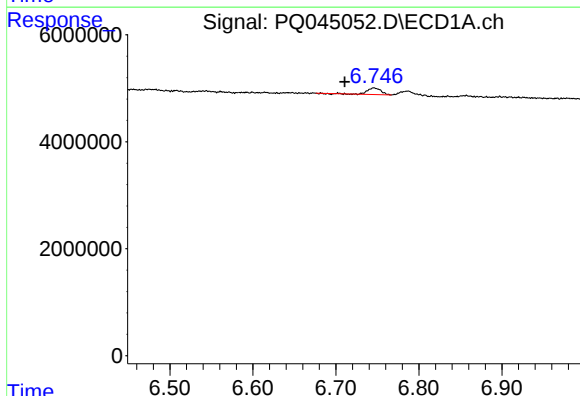
R.T.: 6.402 min
Delta R.T.: -0.014 min
Response: 2332971
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



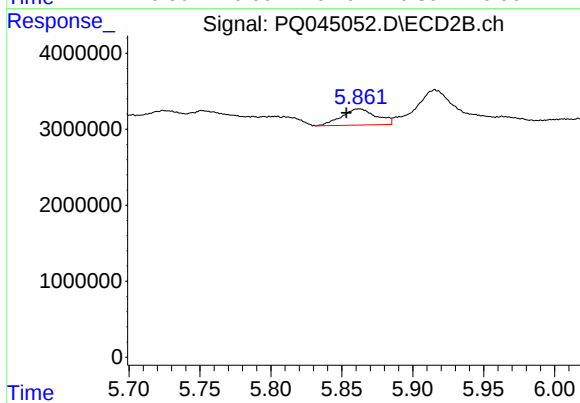
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.588 min
Response: 0
Conc: N.D.



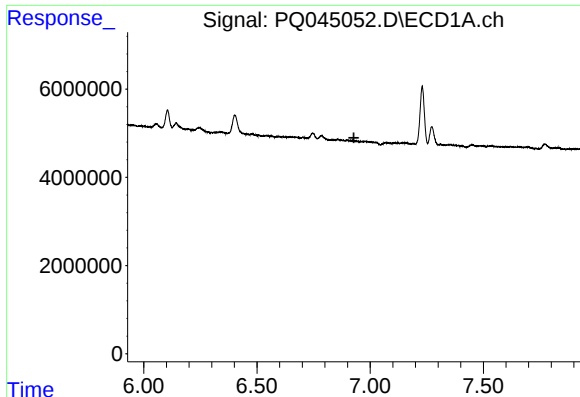
#22 AR-1248-2

R.T.: 6.746 min
Delta R.T.: 0.035 min
Response: 1310763
Conc: 5.35 ng/ml



#22 AR-1248-2

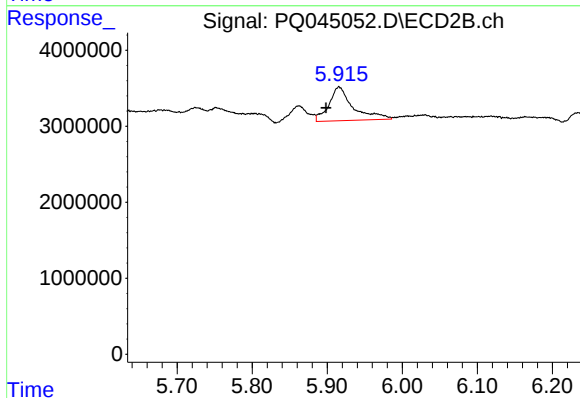
R.T.: 5.862 min
Delta R.T.: 0.009 min
Response: 3631194
Conc: 21.33 ng/ml



#23 AR-1248-3

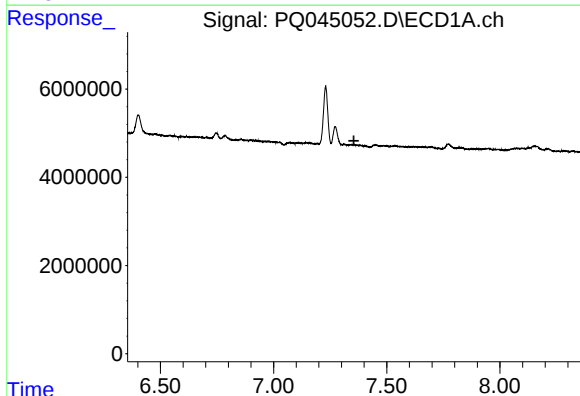
R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



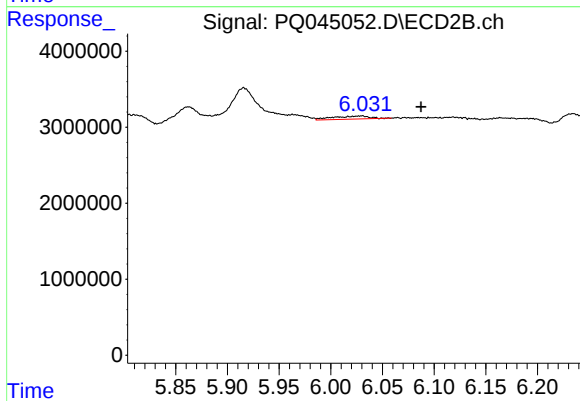
#23 AR-1248-3

R.T.: 5.916 min
Delta R.T.: 0.017 min
Response: 9951848
Conc: 55.65 ng/ml



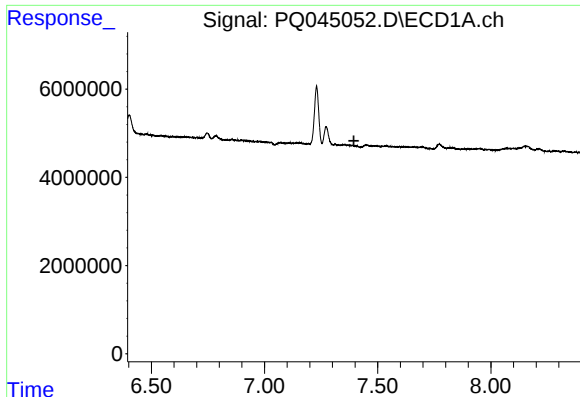
#24 AR-1248-4

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



#24 AR-1248-4

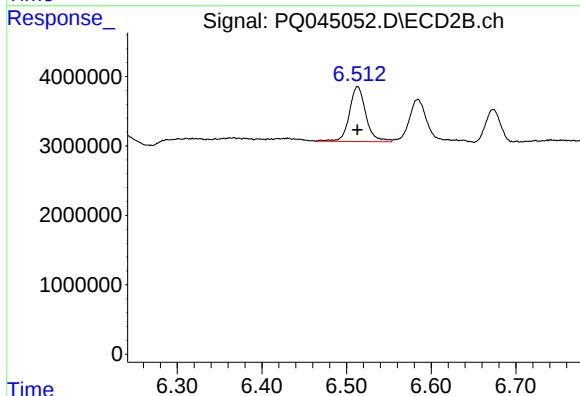
R.T.: 6.030 min
Delta R.T.: -0.058 min
Response: 981487
Conc: 4.51 ng/ml



#25 AR-1248-5

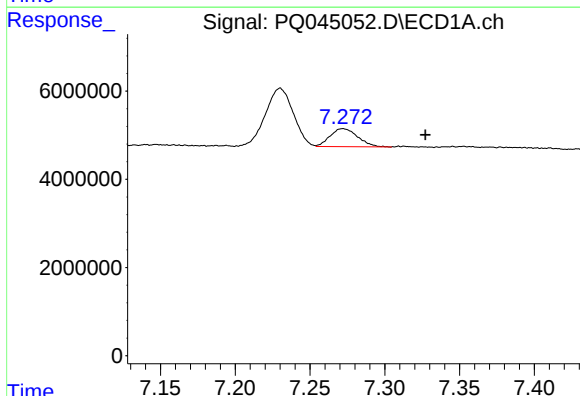
R.T.: 0.000 min
Exp R.T.: 7.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



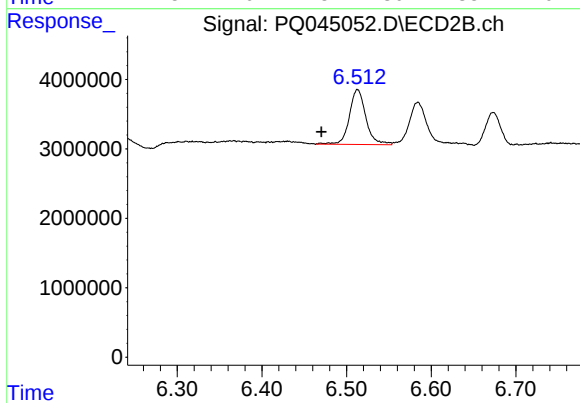
#25 AR-1248-5

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 10657678
Conc: 47.79 ng/ml



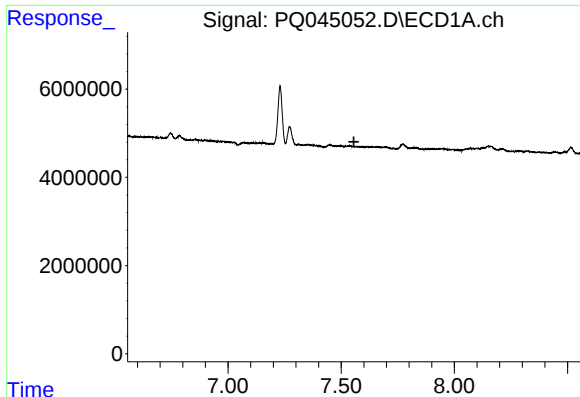
#26 AR-1254-1

R.T.: 7.272 min
Delta R.T.: -0.055 min
Response: 5261418
Conc: 16.26 ng/ml



#26 AR-1254-1

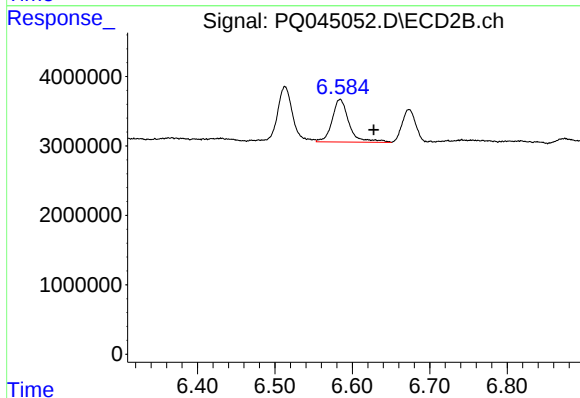
R.T.: 6.513 min
Delta R.T.: 0.043 min
Response: 10657678
Conc: 29.30 ng/ml



#27 AR-1254-2

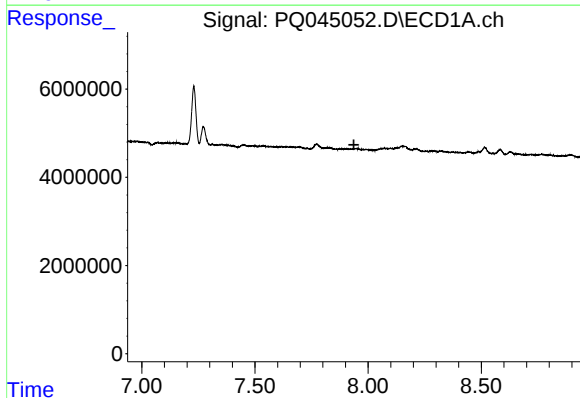
R.T.: 0.000 min
Exp R.T. : 7.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



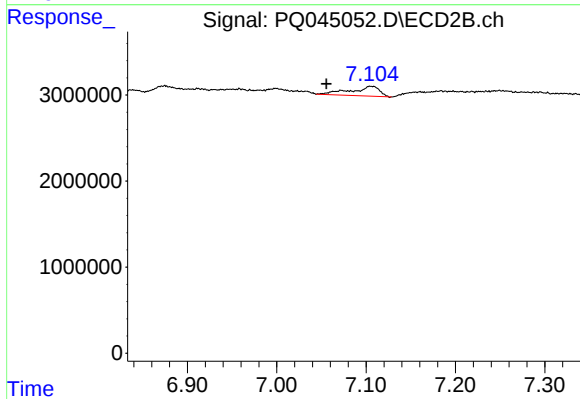
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: -0.044 min
Response: 9286607
Conc: 28.83 ng/ml



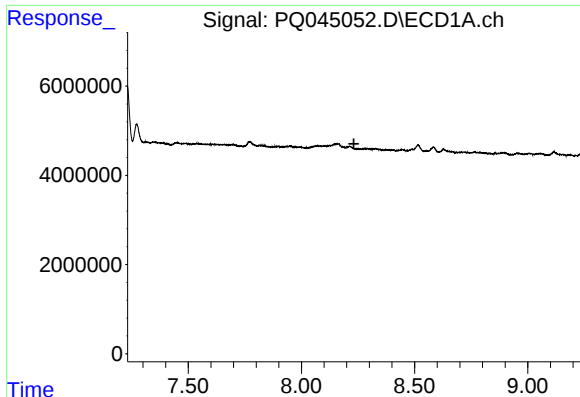
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.937 min
Response: 0
Conc: N.D.



#28 AR-1254-3

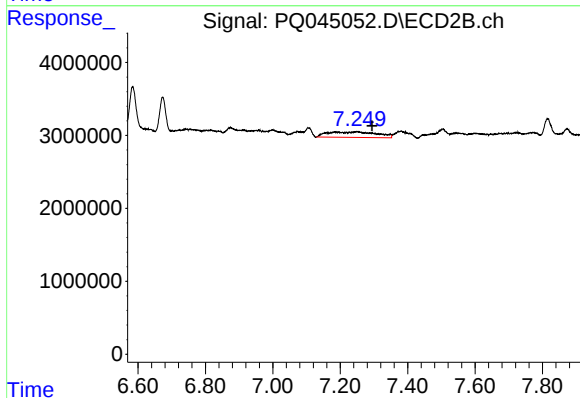
R.T.: 7.106 min
Delta R.T.: 0.050 min
Response: 2521447
Conc: 4.55 ng/ml



#29 AR-1254-4

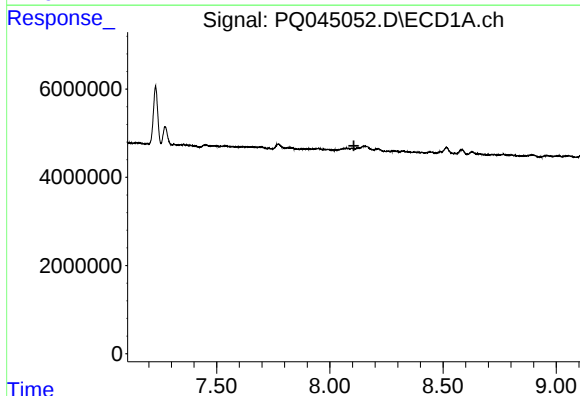
R.T.: 0.000 min
Exp R.T. : 8.232 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



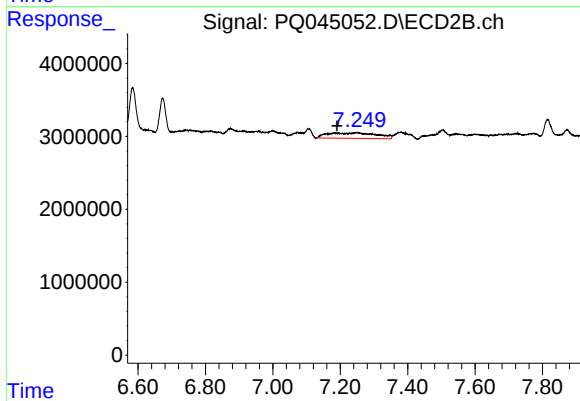
#29 AR-1254-4

R.T.: 7.249 min
Delta R.T.: -0.045 min
Response: 7679447
Conc: 21.49 ng/ml



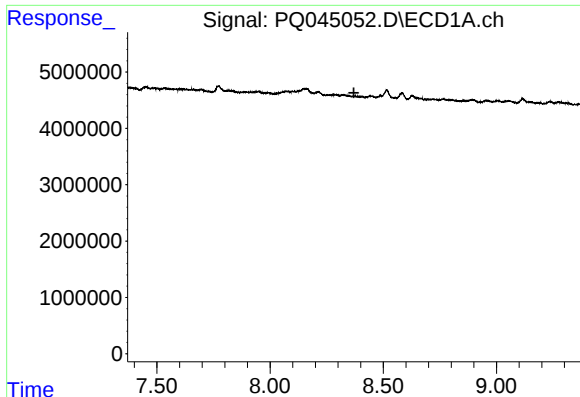
#31 AR-1260-1

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



#31 AR-1260-1

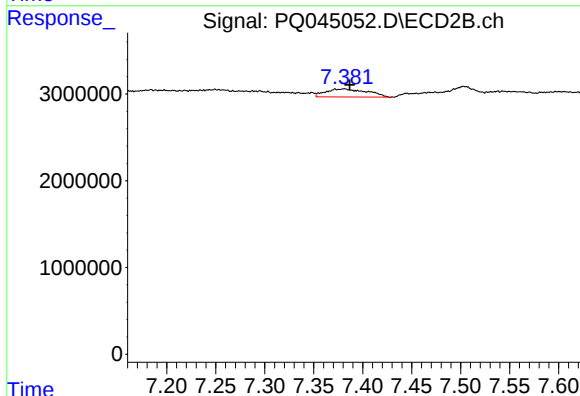
R.T.: 7.249 min
Delta R.T.: 0.059 min
Response: 7679447
Conc: 25.07 ng/ml



#32 AR-1260-2

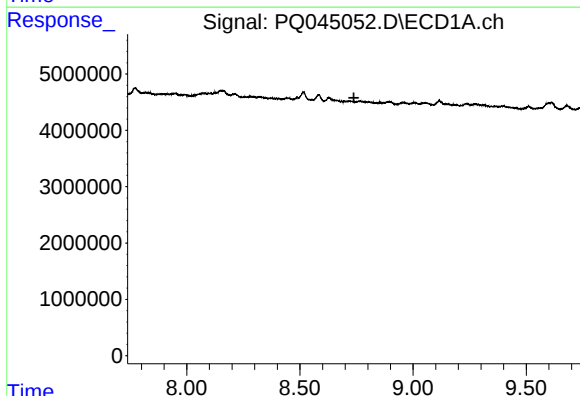
R.T.: 0.000 min
Exp R.T.: 8.370 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



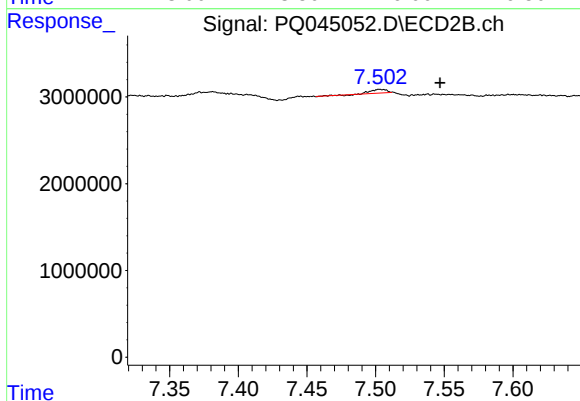
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 2717779
Conc: 6.88 ng/ml



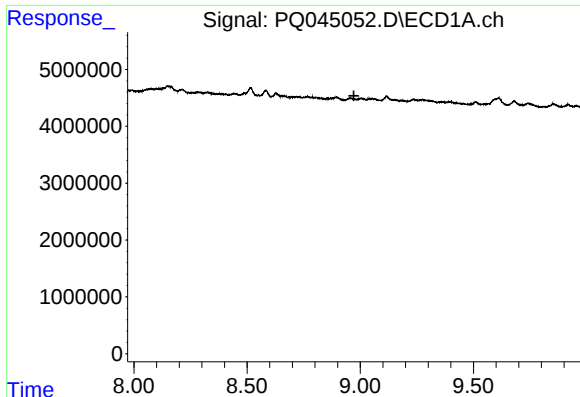
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 8.739 min
Response: 0
Conc: N.D.



#33 AR-1260-3

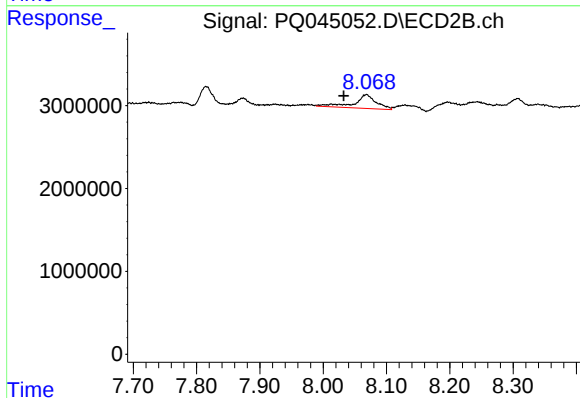
R.T.: 7.504 min
Delta R.T.: -0.043 min
Response: 427588
Conc: 1.25 ng/ml



#34 AR-1260-4

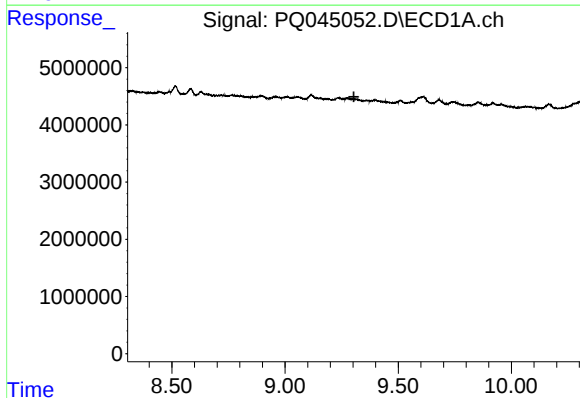
R.T.: 0.000 min
Exp R.T.: 8.972 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



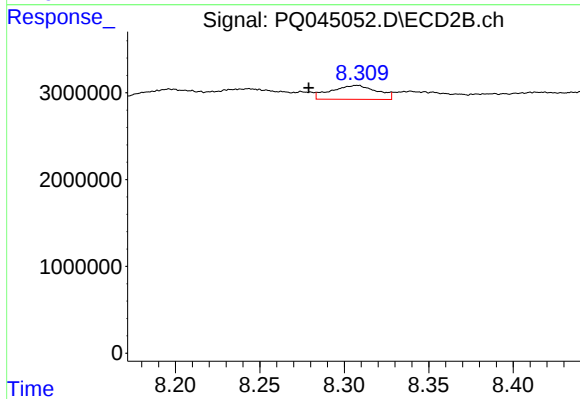
#34 AR-1260-4

R.T.: 8.068 min
Delta R.T.: 0.036 min
Response: 4031747
Conc: 13.15 ng/ml



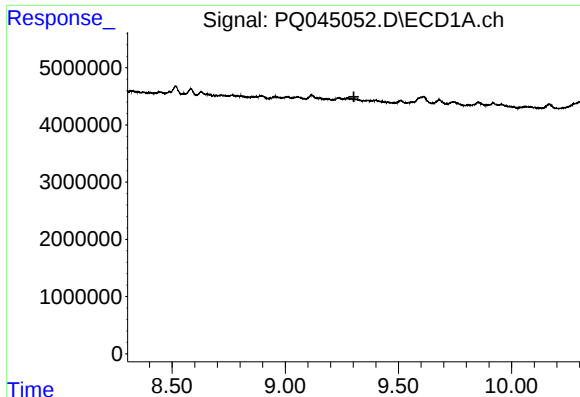
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.304 min
Response: 0
Conc: N.D.



#35 AR-1260-5

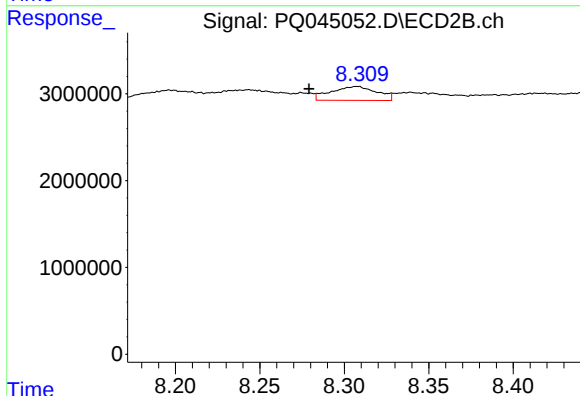
R.T.: 8.307 min
Delta R.T.: 0.028 min
Response: 3037642
Conc: 3.88 ng/ml



#37 AR-1262-2

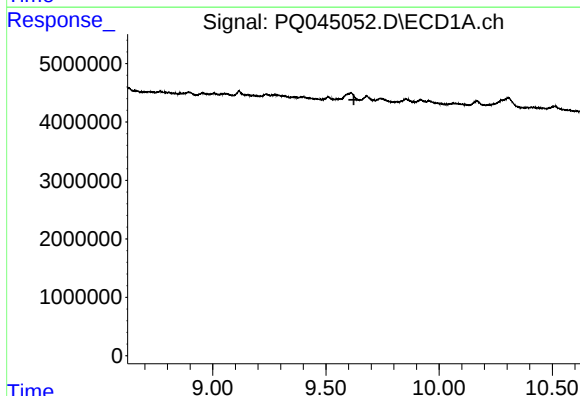
R.T.: 0.000 min
Exp R.T.: 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



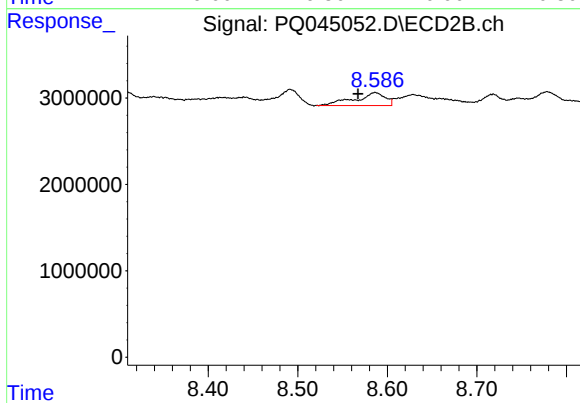
#37 AR-1262-2

R.T.: 8.307 min
Delta R.T.: 0.028 min
Response: 3037642
Conc: 3.08 ng/ml



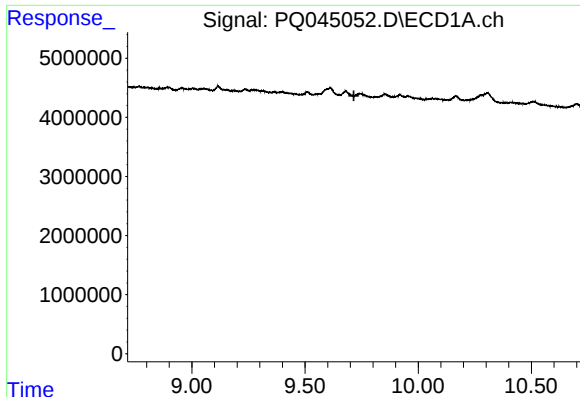
#38 AR-1262-3

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



#38 AR-1262-3

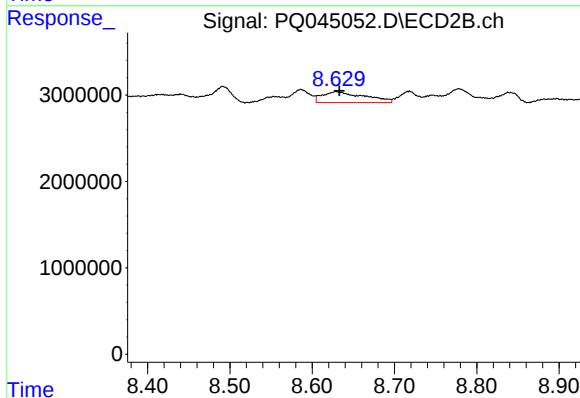
R.T.: 8.586 min
Delta R.T.: 0.019 min
Response: 3563363
Conc: 9.25 ng/ml



#39 AR-1262-4

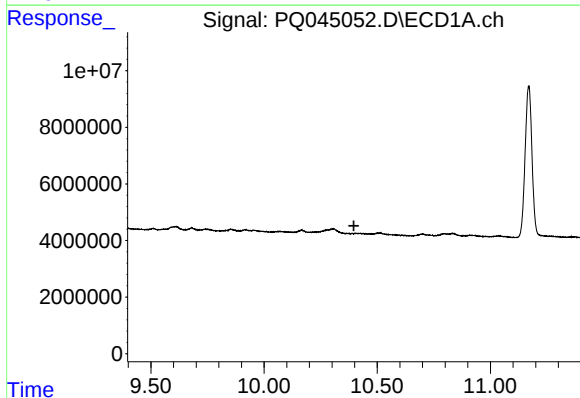
R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



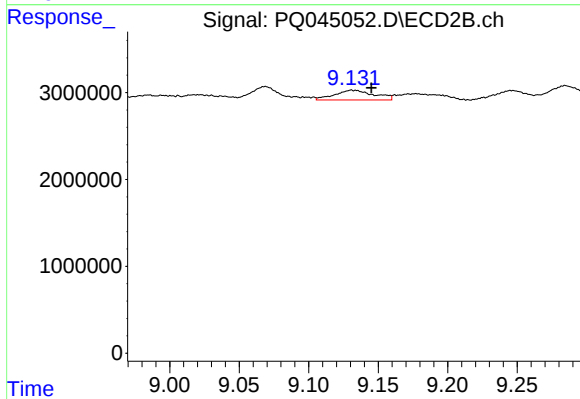
#39 AR-1262-4

R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 4498527
Conc: 6.11 ng/ml



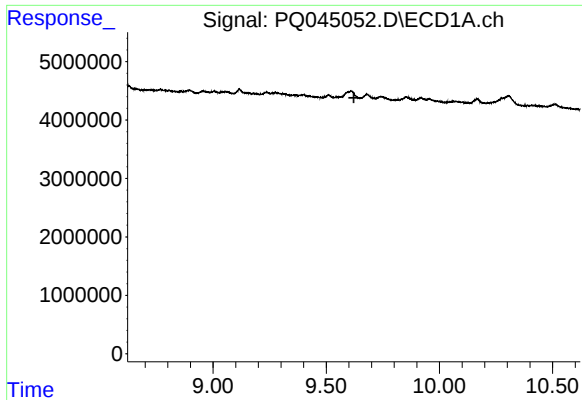
#40 AR-1262-5

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



#40 AR-1262-5

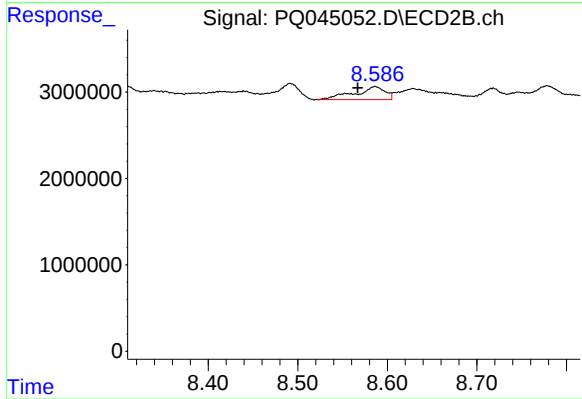
R.T.: 9.132 min
Delta R.T.: -0.013 min
Response: 2230599
Conc: 6.41 ng/ml



#41 AR-1268-1

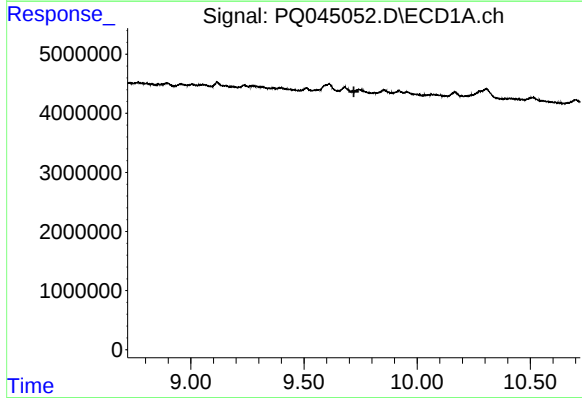
R.T.: 0.000 min
Exp R.T.: 9.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



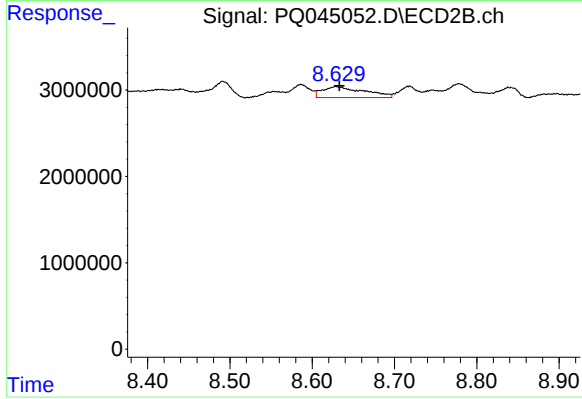
#41 AR-1268-1

R.T.: 8.586 min
Delta R.T.: 0.019 min
Response: 3563363
Conc: 2.96 ng/ml



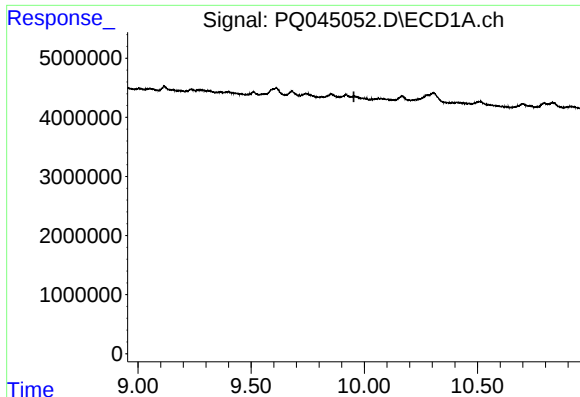
#42 AR-1268-2

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



#42 AR-1268-2

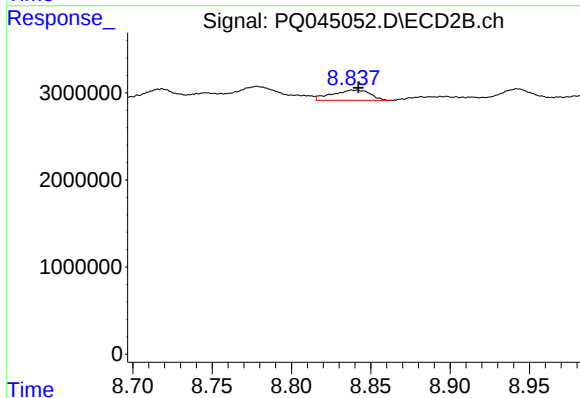
R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 4498527
Conc: 4.04 ng/ml



#43 AR-1268-3

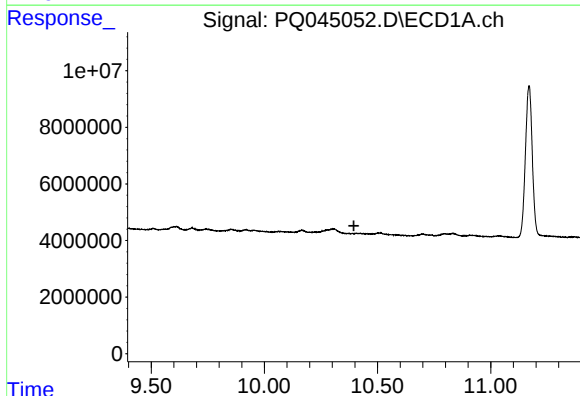
R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



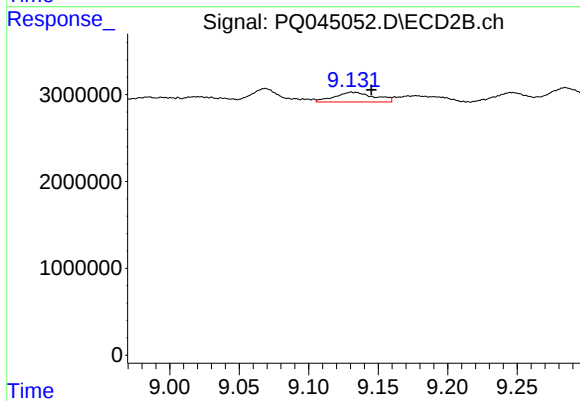
#43 AR-1268-3

R.T.: 8.840 min
Delta R.T.: -0.002 min
Response: 1972356
Conc: 2.12 ng/ml



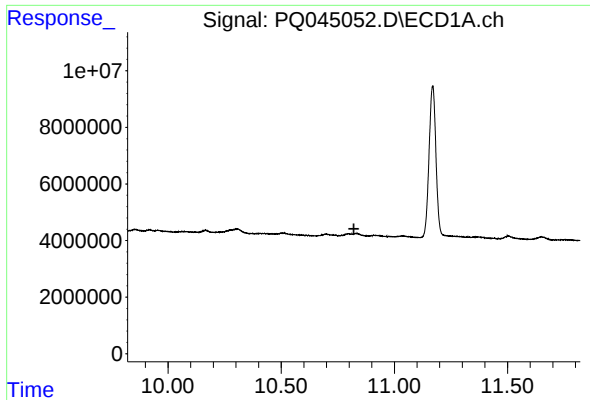
#44 AR-1268-4

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



#44 AR-1268-4

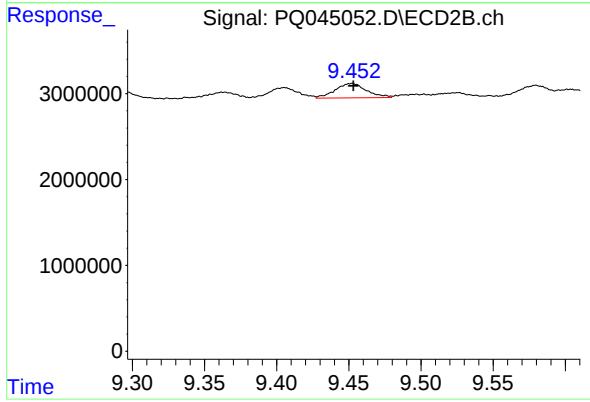
R.T.: 9.132 min
Delta R.T.: -0.013 min
Response: 2230599
Conc: 5.54 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.001 min
Response: 2520202
Conc: 0.83 ng/ml