

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092220\
 Data File : PQ049941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2020 21:44
 Operator : DD\AJ
 Sample : L4103-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 03:05:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 22 04:20:45 2020
 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...	5.214	4.269	280.9E6	103.0E6	18.137	17.572
2)	SA Decachlor...	11.414	9.621	122.9E6	97457864	17.430	20.337
Target Compounds							
3)	L1 AR-1016-1	0.000	5.530	0	327012	N.D.	1.454 #
4)	L1 AR-1016-2	0.000	5.557	0	1718897	N.D.	5.636 #
5)	L1 AR-1016-3	0.000	5.740	0	1055900	N.D.	6.813 #
6)	L1 AR-1016-4	0.000	5.811	0	1405375	N.D.	11.472 #
7)	L1 AR-1016-5	0.000	6.026	0	2057787	N.D.	12.895 #
8)	L2 AR-1221-1	0.000	4.510f	0	228883	N.D.	3.873 #
9)	L2 AR-1221-2	0.000	4.625	0	1530910	N.D.	33.873 #
10)	L2 AR-1221-3	5.643f	0.000	215.8E6	0	597.487	N.D. #
11)	L3 AR-1232-1	5.643f	0.000	215.8E6	0	699.935	N.D. #
12)	L3 AR-1232-2	0.000	5.557	0	1718897	N.D.	13.668 #
13)	L3 AR-1232-3	0.000	5.740	0	1055900	N.D.	16.609 #
14)	L3 AR-1232-4	0.000	5.841	0	1603158	N.D.	26.691 #
15)	L3 AR-1232-5	0.000	6.026	0	2057787	N.D.	33.279 #
16)	L4 AR-1242-1	0.000	5.530	0	327012	N.D.	2.015 #
17)	L4 AR-1242-2	0.000	5.557	0	1718897	N.D.	7.812 #
18)	L4 AR-1242-3	0.000	5.740	0	1055900	N.D.	9.293 #
19)	L4 AR-1242-4	0.000	5.841	0	1603158	N.D.	14.207 #
20)	L4 AR-1242-5	0.000	6.409	0	3883731	N.D.	24.926 #
21)	L5 AR-1248-1	0.000	5.530	0	327012	N.D.	2.649 #
22)	L5 AR-1248-2	0.000	5.811	0	1405375	N.D.	9.039 #
23)	L5 AR-1248-3	0.000	5.841	0	1603158	N.D.	9.694 #
24)	L5 AR-1248-4	0.000	6.026	0	2057787	N.D.	10.350 #
25)	L5 AR-1248-5	0.000	6.446	0	2107350	N.D.	9.848 #
26)	L6 AR-1254-1	0.000	6.409	0	3883731	N.D.	12.303 #
27)	L6 AR-1254-2	0.000	6.561	0	3288832	N.D.	12.699 #
28)	L6 AR-1254-3	0.000	6.980	0	8699444	N.D.	20.525 #
29)	L6 AR-1254-4	0.000	7.223	0	3462709	N.D.	11.674 #
30)	L6 AR-1254-5	0.000	7.652	0	10265710	N.D.	28.492 #
31)	L7 AR-1260-1	0.000	7.132	0	7262726	N.D.	28.231 #
32)	L7 AR-1260-2	8.504	7.318	18351826	6507445	43.298	17.507 #
33)	L7 AR-1260-3	0.000	7.470	0	4827441	N.D.	14.079 #
34)	L7 AR-1260-4	0.000	7.957	0	4646540	N.D.	17.017 #
35)	L7 AR-1260-5	0.000	8.201	0	6505877	N.D.	9.182 #
36)	L8 AR-1262-1	0.000	7.652	0	10265710	N.D.	54.991 #
37)	L8 AR-1262-2	0.000	8.201	0	6505877	N.D.	9.031 #
38)	L8 AR-1262-3	0.000	8.491	0	3383038	N.D.	11.878 #
39)	L8 AR-1262-4	0.000	8.555	0	3708762	N.D.	7.594 #
40)	L8 AR-1262-5	0.000	9.058	0	2281563	N.D.	9.416 #
41)	L9 AR-1268-1	0.000	8.491	0	3383038	N.D.	3.731 #

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 Sample : L4103-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

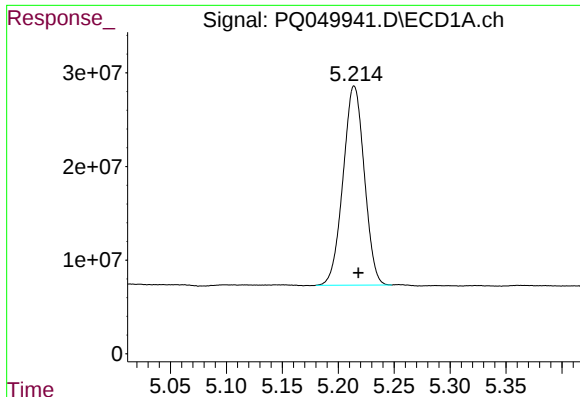
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 03:05:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092120.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	0.000	8.555	0	3708762	N.D.	4.840 #
43) L9	AR-1268-3	0.000	8.779	0	7858220	N.D.	11.569 #
44) L9	AR-1268-4	0.000	9.058	0	2281563	N.D.	8.249 #
45) L9	AR-1268-5	0.000	9.360	0	2375441	N.D.	1.325 #

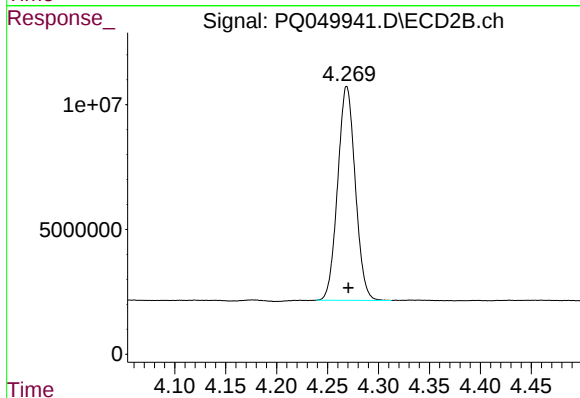
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

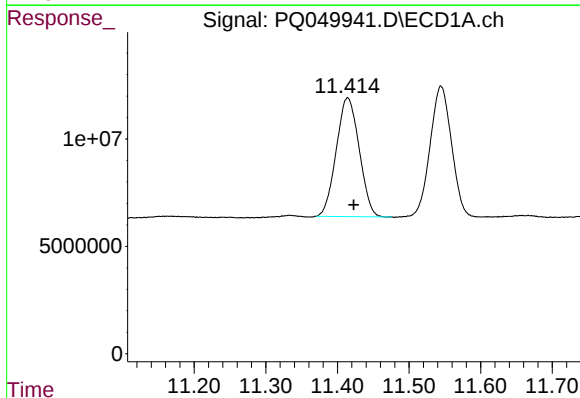
R.T.: 5.214 min
Delta R.T.: -0.004 min
Response: 280873141
Conc: 18.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



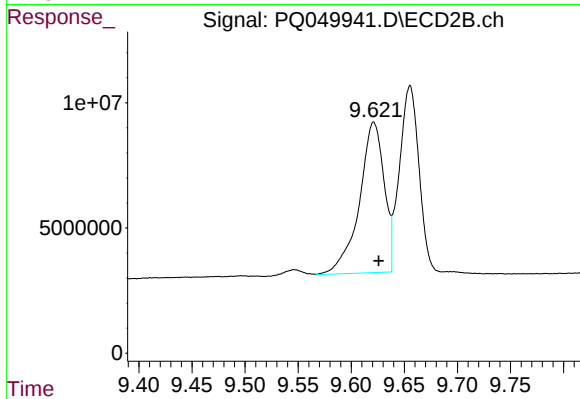
#1 Tetrachloro-m-xylene

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 103002229
Conc: 17.57 ng/ml



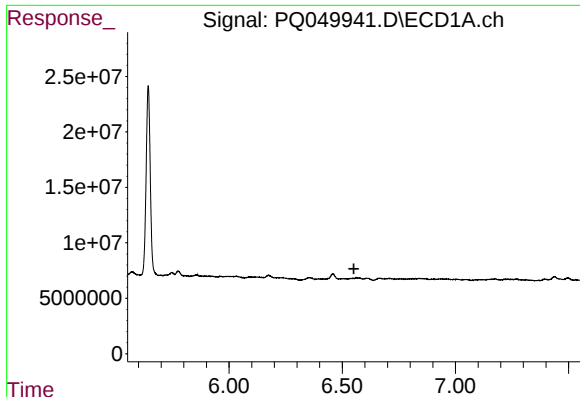
#2 Decachlorobiphenyl

R.T.: 11.414 min
Delta R.T.: -0.008 min
Response: 122882035
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

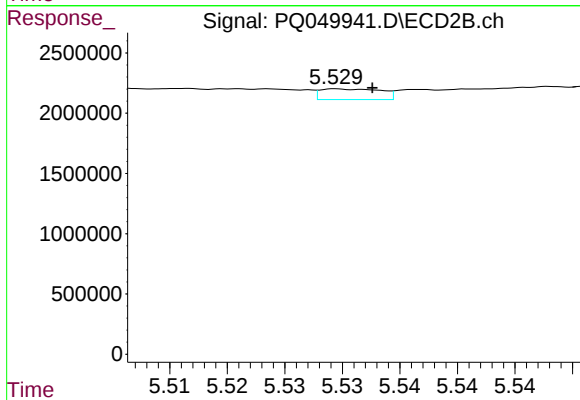
R.T.: 9.621 min
Delta R.T.: -0.005 min
Response: 97457864
Conc: 20.34 ng/ml



#3 AR-1016-1

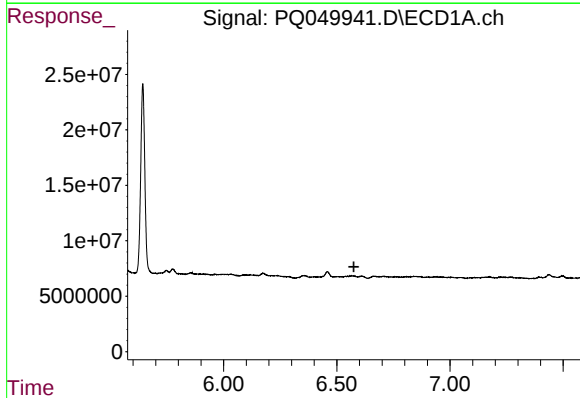
R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



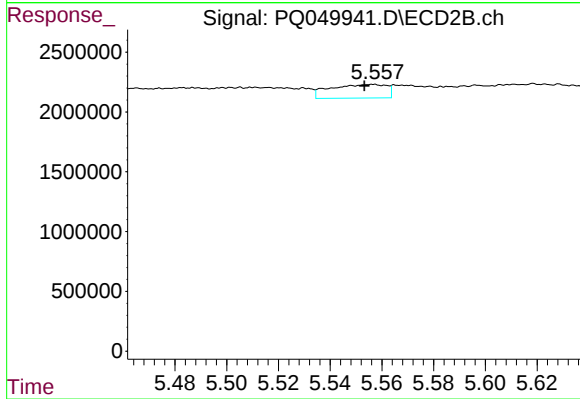
#3 AR-1016-1

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 327012
Conc: 1.45 ng/ml



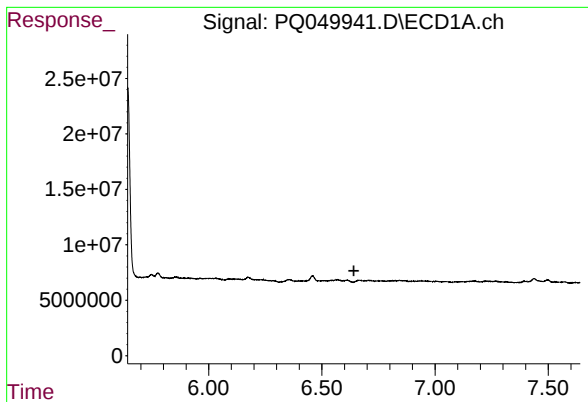
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.576 min
Response: 0
Conc: N.D.



#4 AR-1016-2

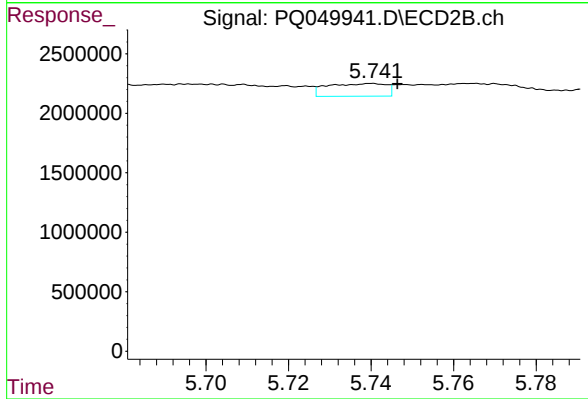
R.T.: 5.557 min
Delta R.T.: 0.004 min
Response: 1718897
Conc: 5.64 ng/ml



#5 AR-1016-3

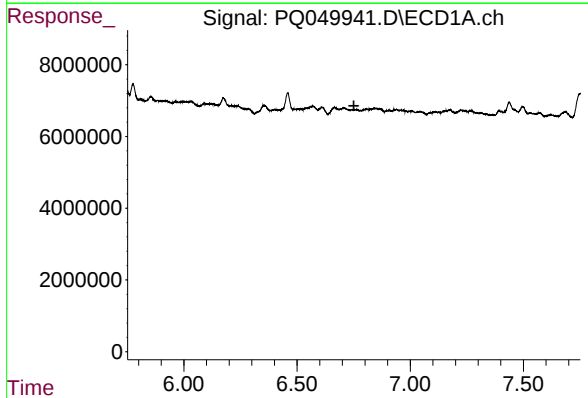
R.T.: 0.000 min
Exp R.T.: 6.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



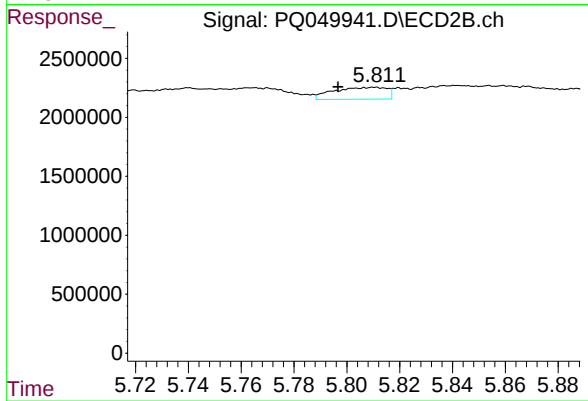
#5 AR-1016-3

R.T.: 5.740 min
Delta R.T.: -0.006 min
Response: 1055900
Conc: 6.81 ng/ml



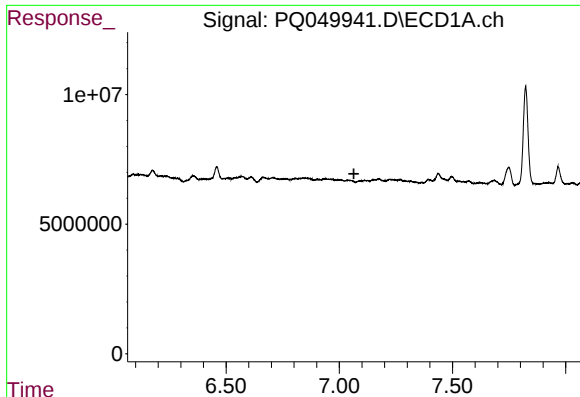
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.751 min
Response: 0
Conc: N.D.



#6 AR-1016-4

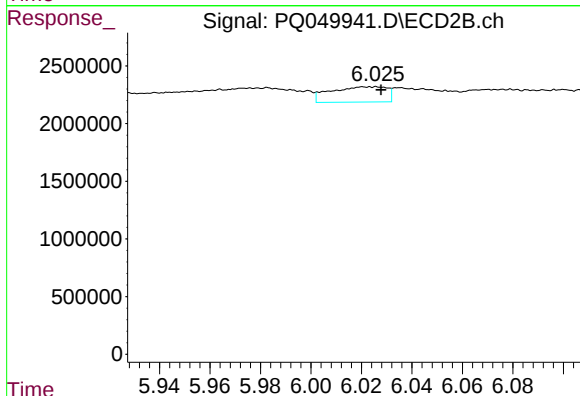
R.T.: 5.811 min
Delta R.T.: 0.014 min
Response: 1405375
Conc: 11.47 ng/ml



#7 AR-1016-5

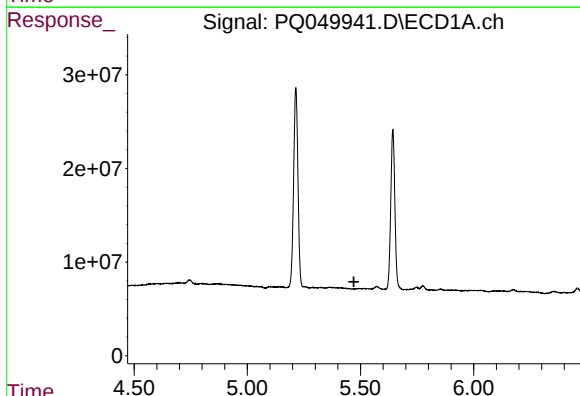
R.T.: 0.000 min
Exp R.T.: 7.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



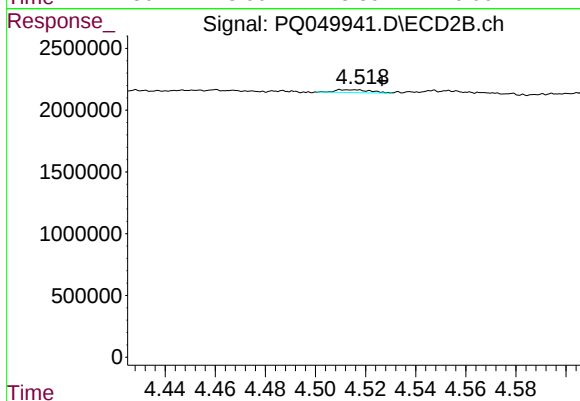
#7 AR-1016-5

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 2057787
Conc: 12.90 ng/ml



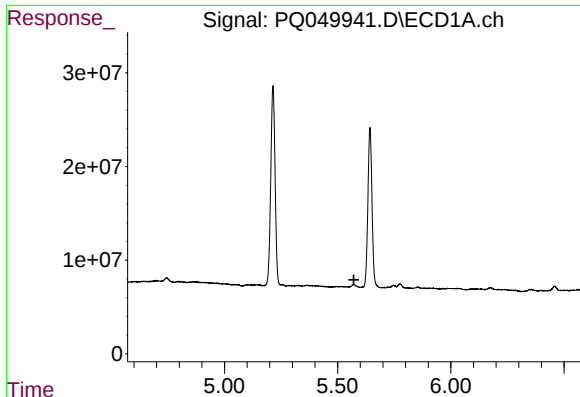
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.



#8 AR-1221-1

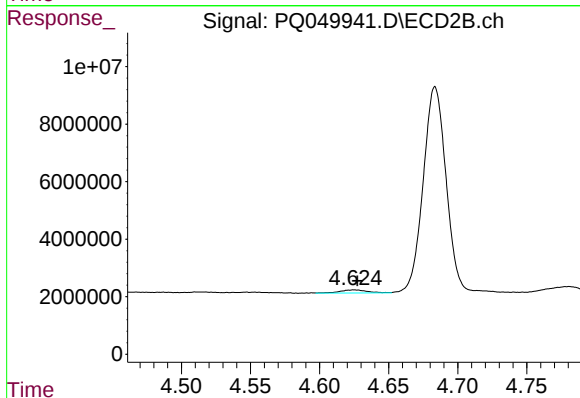
R.T.: 4.510 min
Delta R.T.: -0.017 min
Response: 228883
Conc: 3.87 ng/ml



#9 AR-1221-2

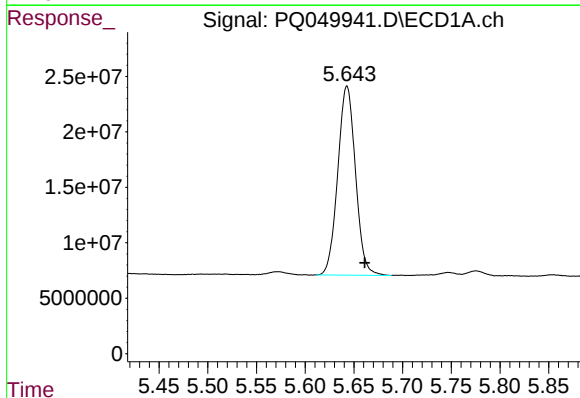
R.T.: 0.000 min
Exp R.T.: 5.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



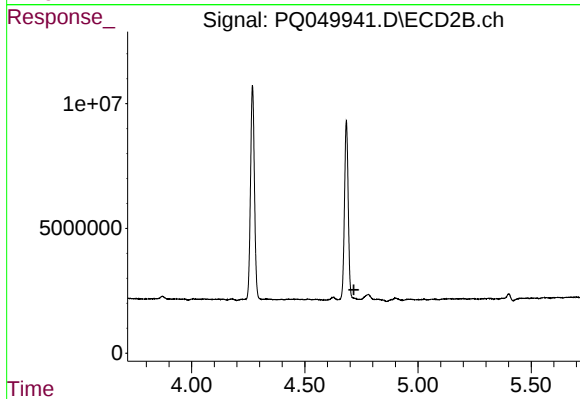
#9 AR-1221-2

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 1530910
Conc: 33.87 ng/ml



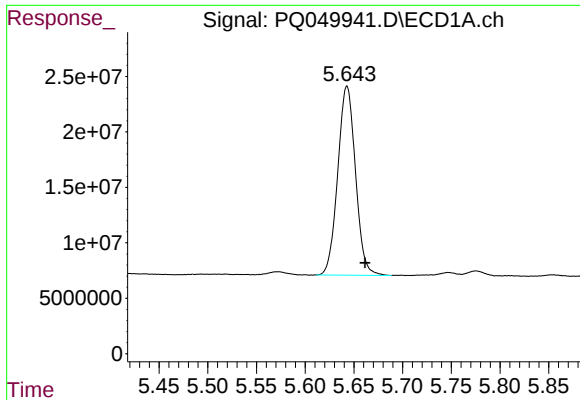
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: -0.018 min
Response: 215771898
Conc: 597.49 ng/ml



#10 AR-1221-3

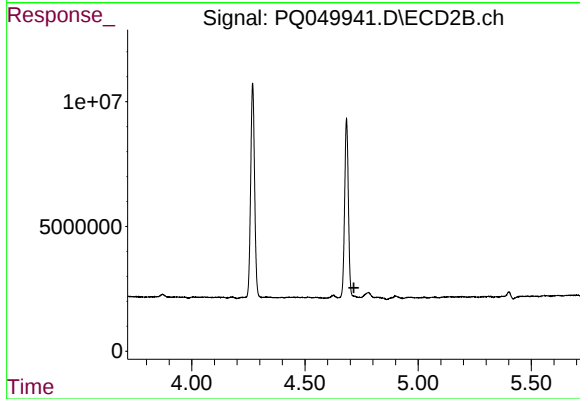
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.



#11 AR-1232-1

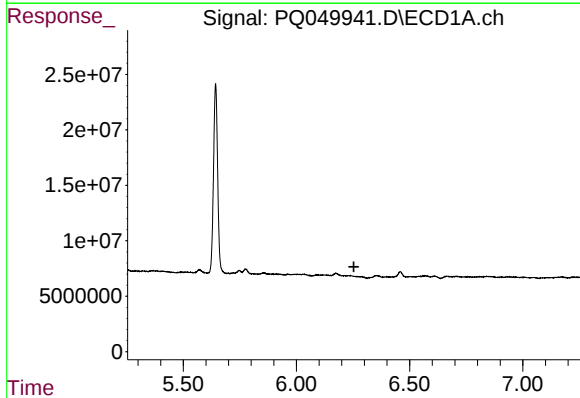
R.T.: 5.643 min
Delta R.T.: -0.018 min
Response: 215771898
Conc: 699.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



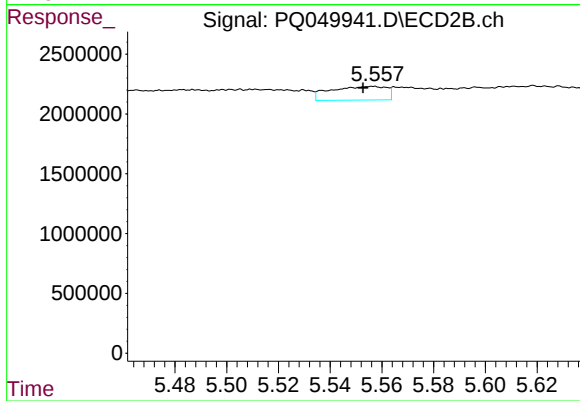
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



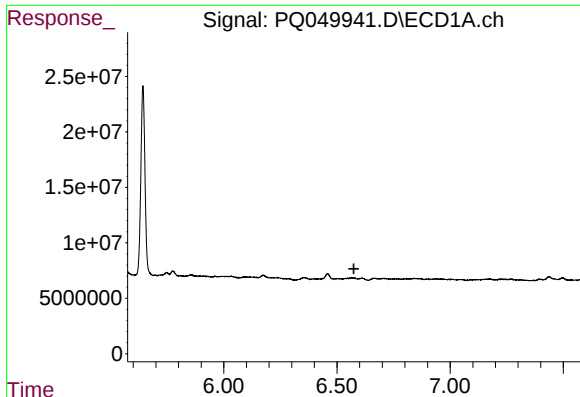
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.254 min
Response: 0
Conc: N.D.



#12 AR-1232-2

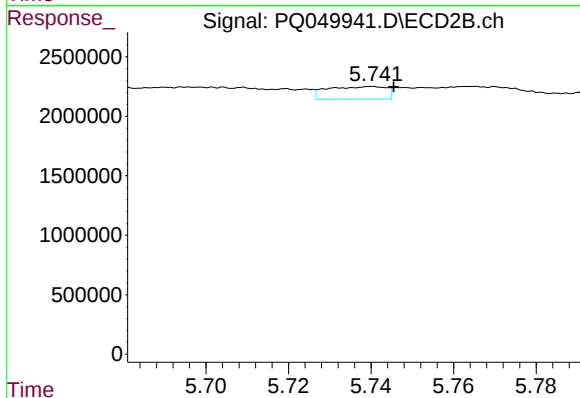
R.T.: 5.557 min
Delta R.T.: 0.004 min
Response: 1718897
Conc: 13.67 ng/ml



#13 AR-1232-3

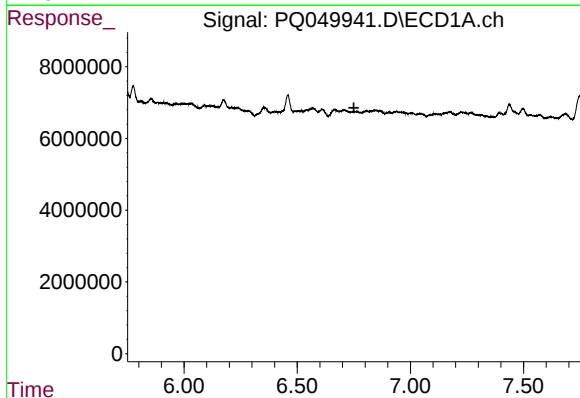
R.T.: 0.000 min
Exp R.T.: 6.575 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



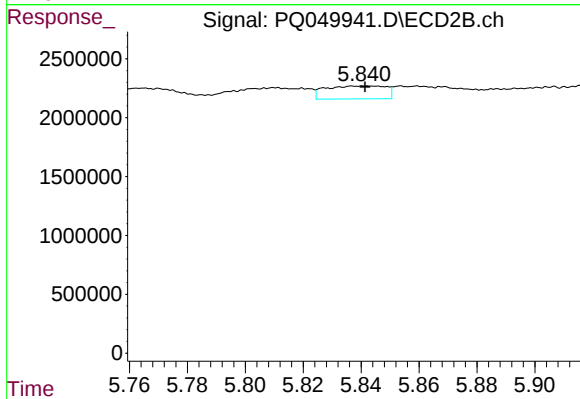
#13 AR-1232-3

R.T.: 5.740 min
Delta R.T.: -0.005 min
Response: 1055900
Conc: 16.61 ng/ml



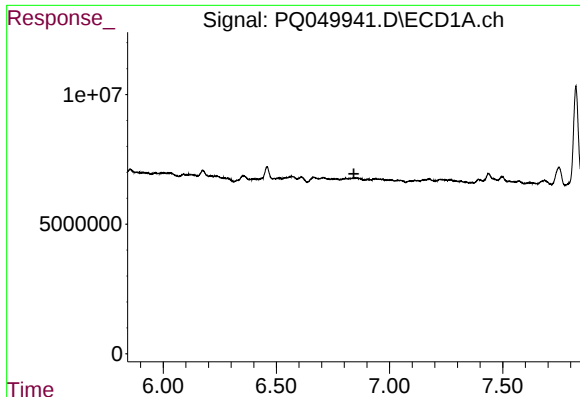
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.750 min
Response: 0
Conc: N.D.



#14 AR-1232-4

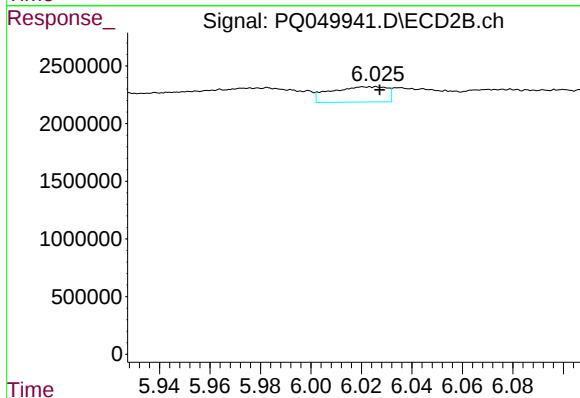
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1603158
Conc: 26.69 ng/ml



#15 AR-1232-5

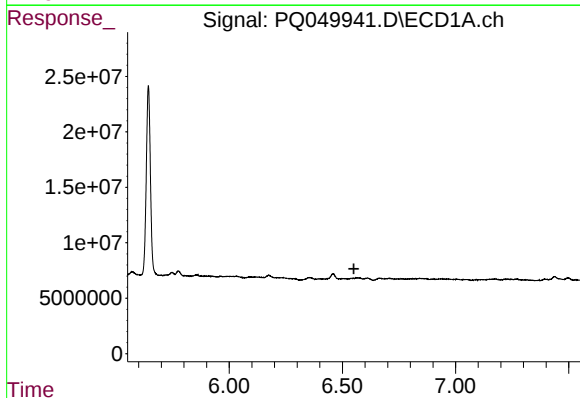
R.T.: 0.000 min
Exp R.T. : 6.843 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



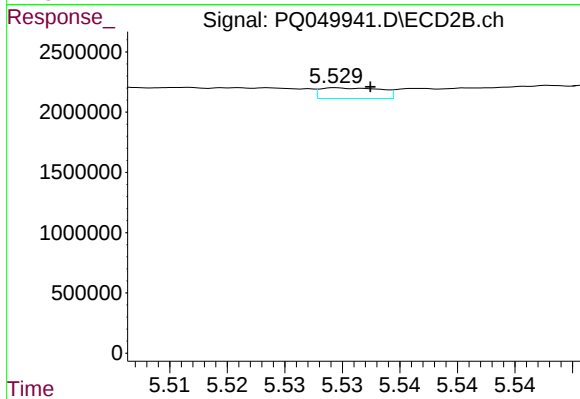
#15 AR-1232-5

R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 2057787
Conc: 33.28 ng/ml



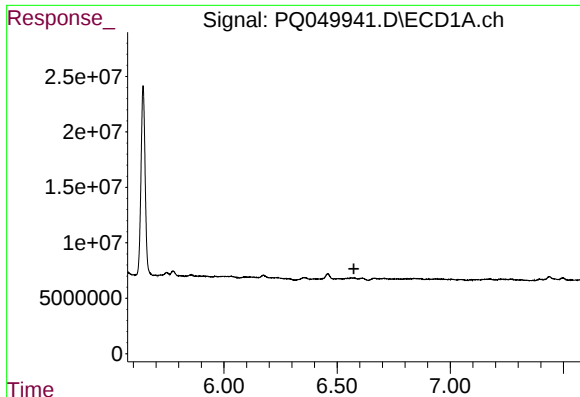
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.551 min
Response: 0
Conc: N.D.



#16 AR-1242-1

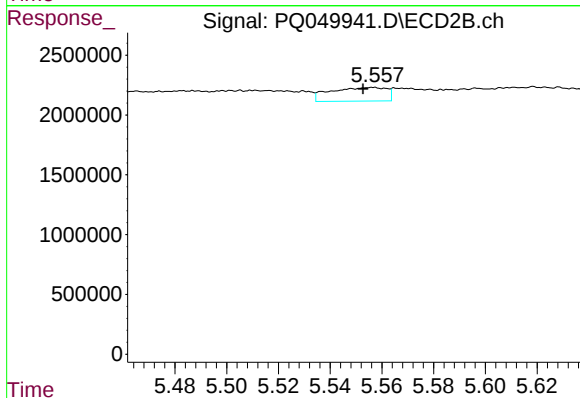
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 327012
Conc: 2.01 ng/ml



#17 AR-1242-2

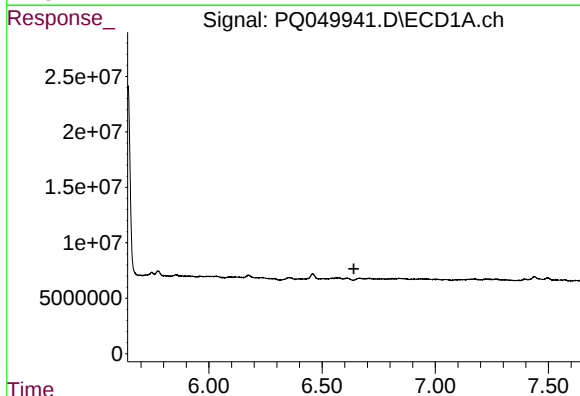
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



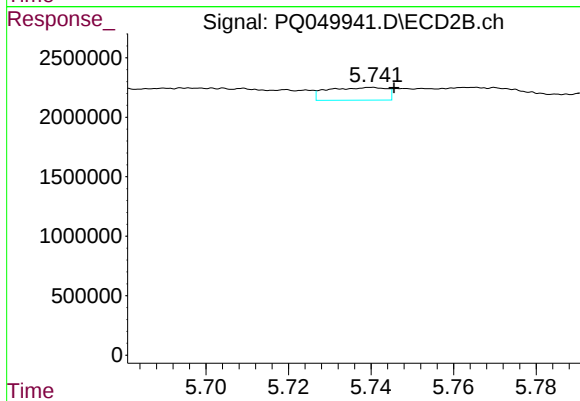
#17 AR-1242-2

R.T.: 5.557 min
Delta R.T.: 0.004 min
Response: 1718897
Conc: 7.81 ng/ml



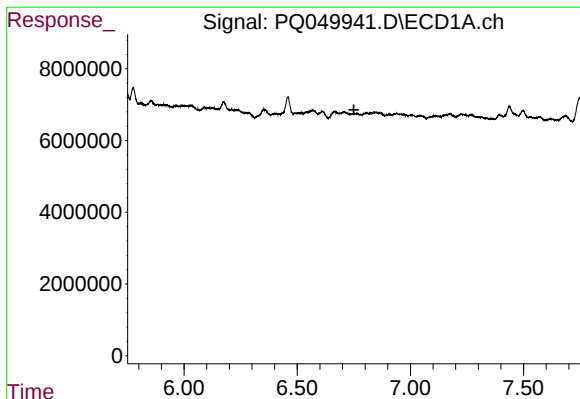
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.641 min
Response: 0
Conc: N.D.



#18 AR-1242-3

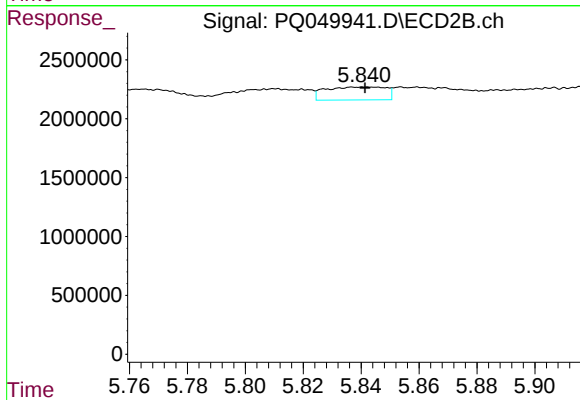
R.T.: 5.740 min
Delta R.T.: -0.005 min
Response: 1055900
Conc: 9.29 ng/ml



#19 AR-1242-4

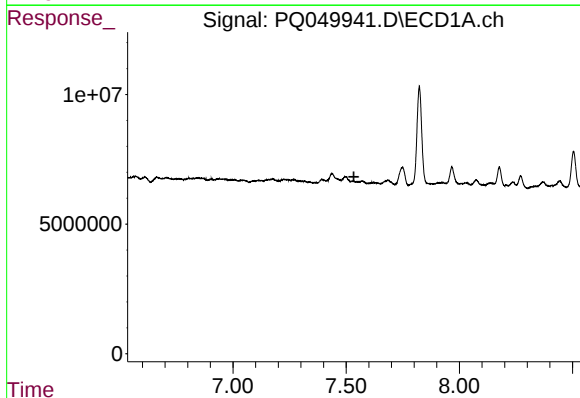
R.T.: 0.000 min
Exp R.T.: 6.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



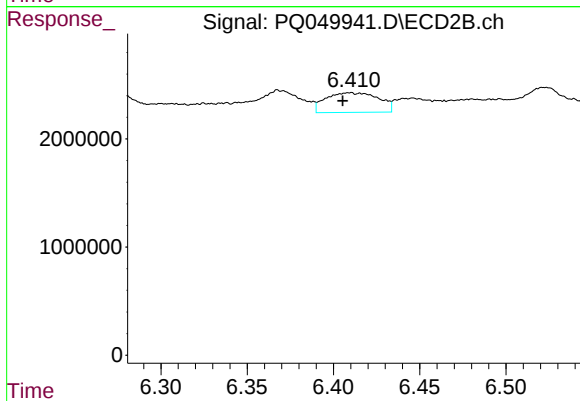
#19 AR-1242-4

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1603158
Conc: 14.21 ng/ml



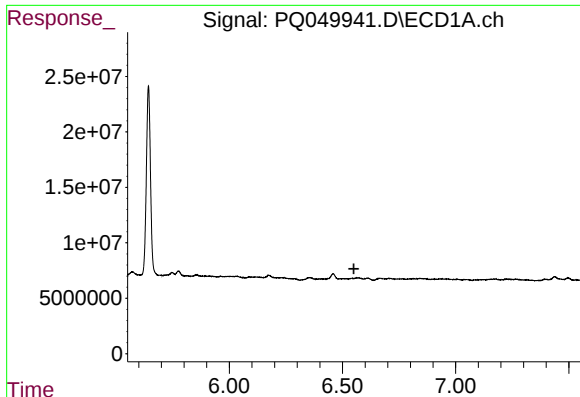
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.



#20 AR-1242-5

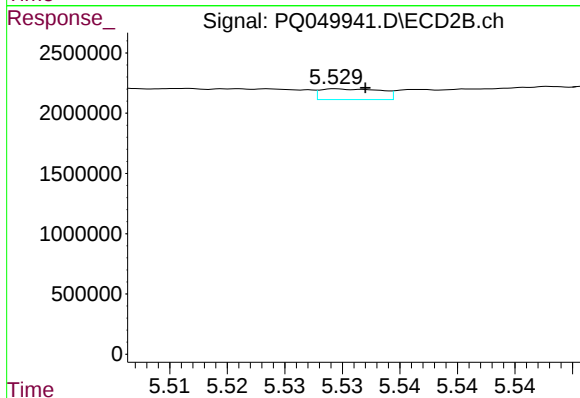
R.T.: 6.409 min
Delta R.T.: 0.004 min
Response: 3883731
Conc: 24.93 ng/ml



#21 AR-1248-1

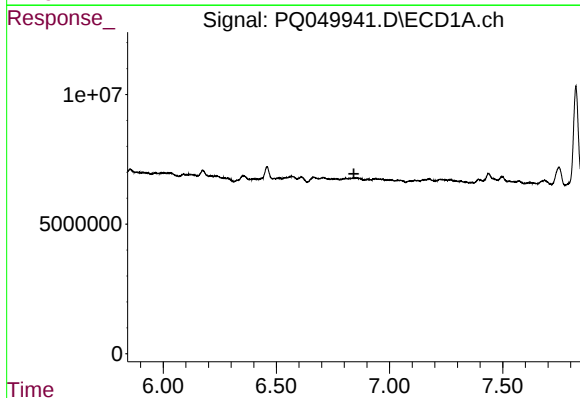
R.T.: 0.000 min
Exp R.T.: 6.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



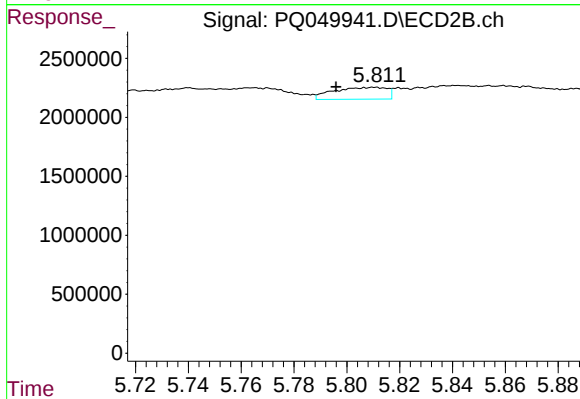
#21 AR-1248-1

R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 327012
Conc: 2.65 ng/ml



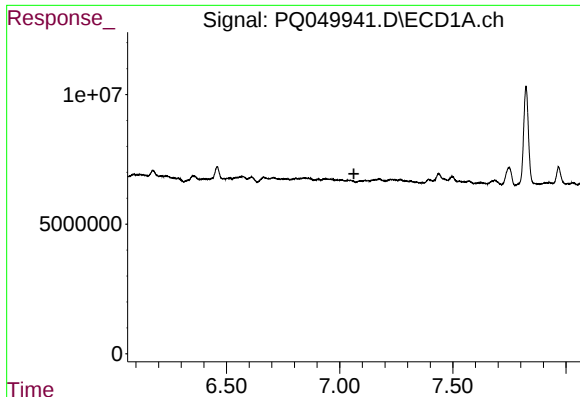
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.843 min
Response: 0
Conc: N.D.



#22 AR-1248-2

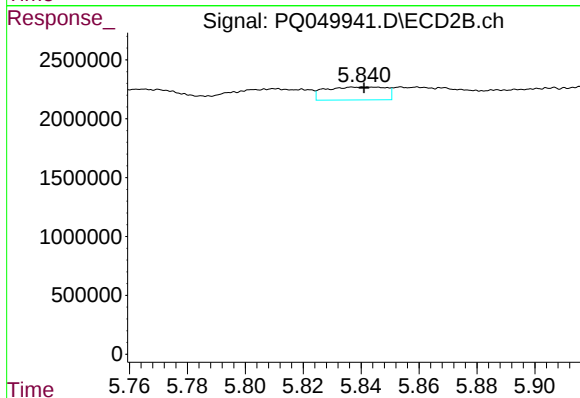
R.T.: 5.811 min
Delta R.T.: 0.015 min
Response: 1405375
Conc: 9.04 ng/ml



#23 AR-1248-3

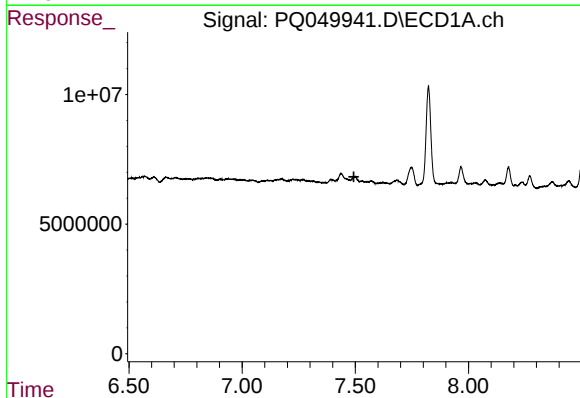
R.T.: 0.000 min
Exp R.T.: 7.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



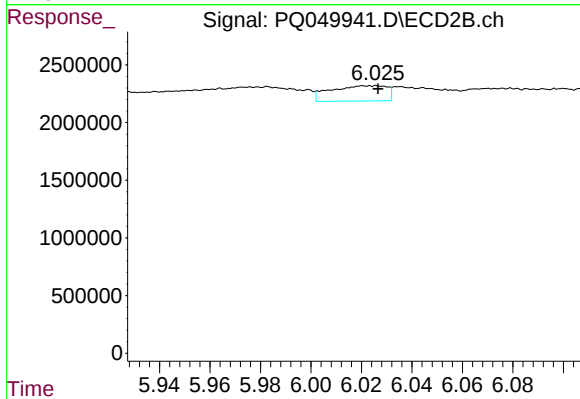
#23 AR-1248-3

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1603158
Conc: 9.69 ng/ml



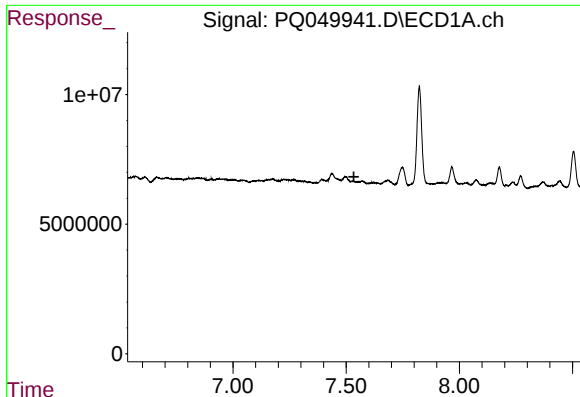
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.494 min
Response: 0
Conc: N.D.



#24 AR-1248-4

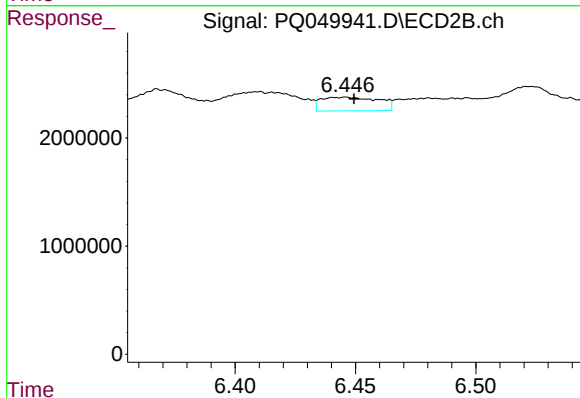
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 2057787
Conc: 10.35 ng/ml



#25 AR-1248-5

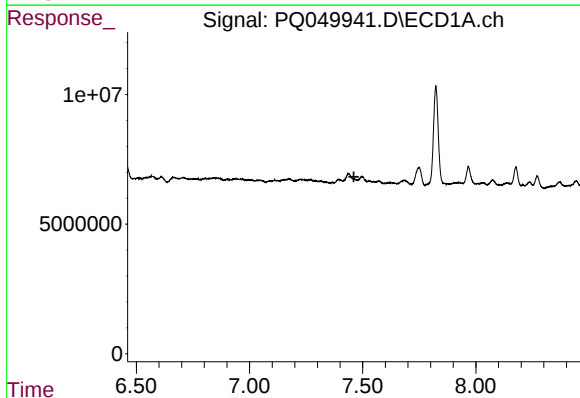
R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



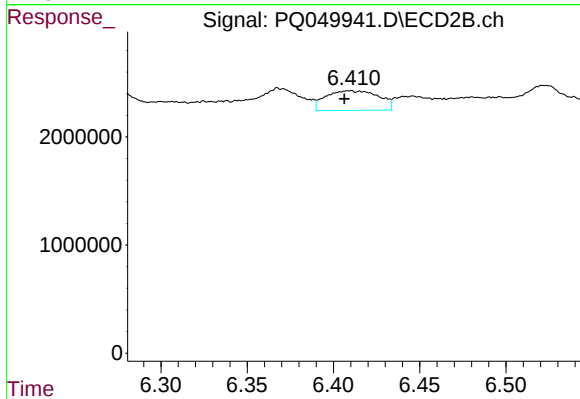
#25 AR-1248-5

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 2107350
Conc: 9.85 ng/ml



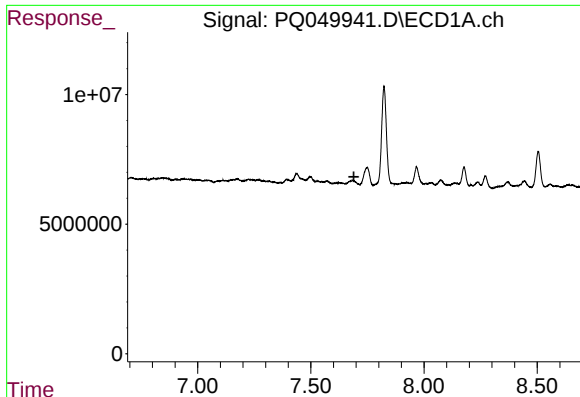
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.



#26 AR-1254-1

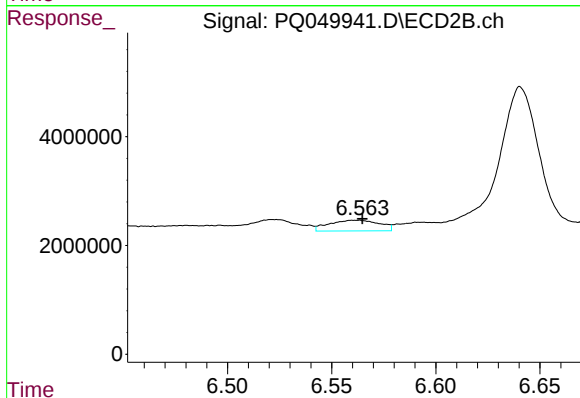
R.T.: 6.409 min
Delta R.T.: 0.003 min
Response: 3883731
Conc: 12.30 ng/ml



#27 AR-1254-2

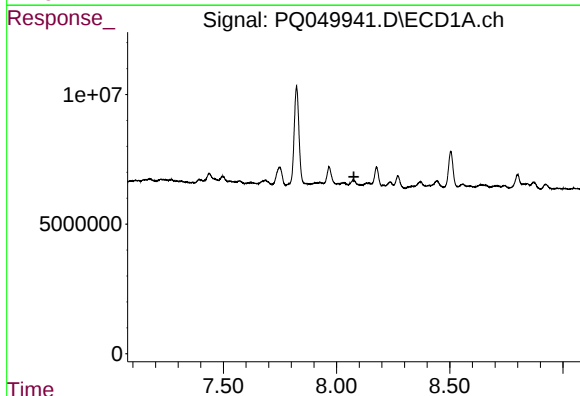
R.T.: 0.000 min
Exp R.T.: 7.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



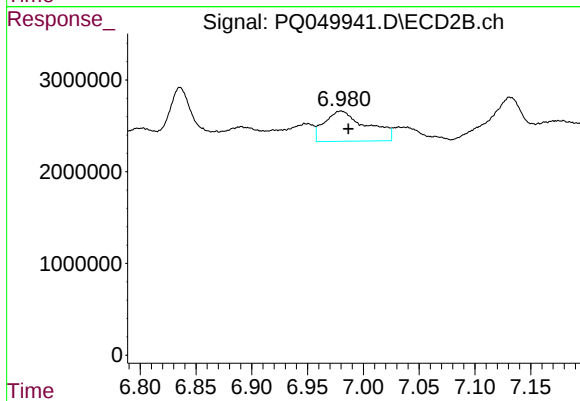
#27 AR-1254-2

R.T.: 6.561 min
Delta R.T.: -0.003 min
Response: 3288832
Conc: 12.70 ng/ml



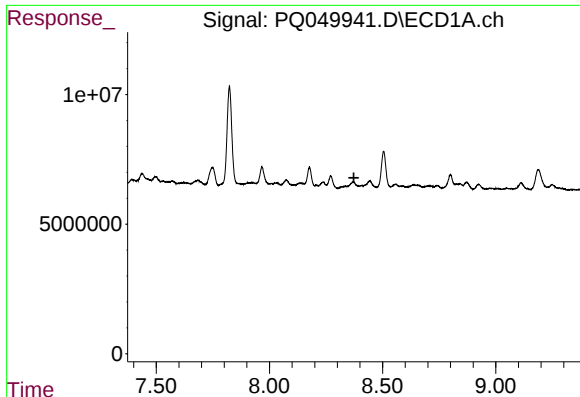
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.077 min
Response: 0
Conc: N.D.



#28 AR-1254-3

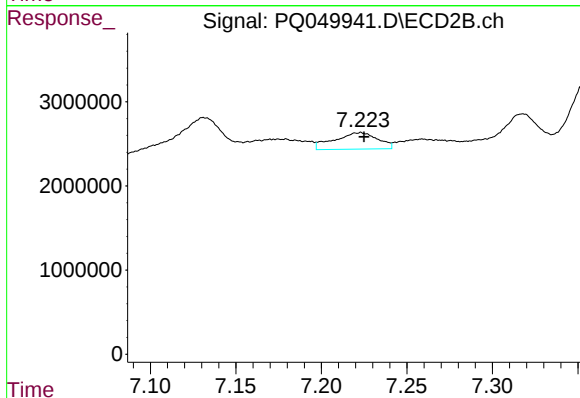
R.T.: 6.980 min
Delta R.T.: -0.007 min
Response: 8699444
Conc: 20.52 ng/ml



#29 AR-1254-4

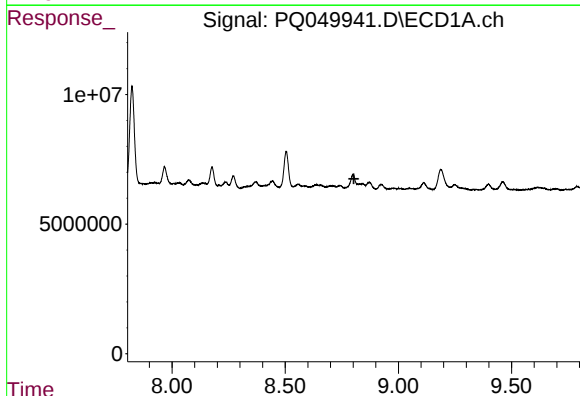
R.T.: 0.000 min
Exp R.T.: 8.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



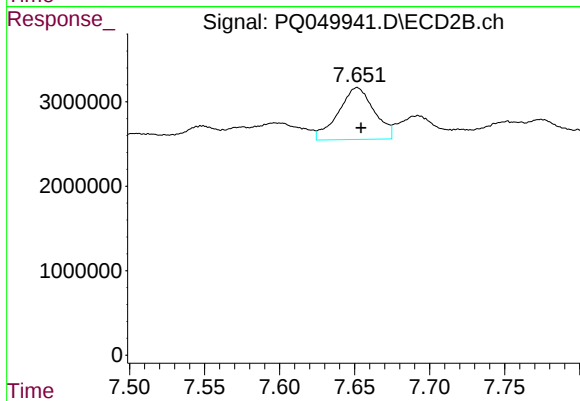
#29 AR-1254-4

R.T.: 7.223 min
Delta R.T.: -0.002 min
Response: 3462709
Conc: 11.67 ng/ml



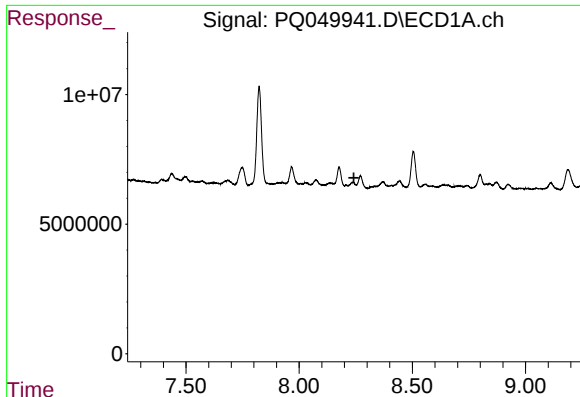
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.804 min
Response: 0
Conc: N.D.



#30 AR-1254-5

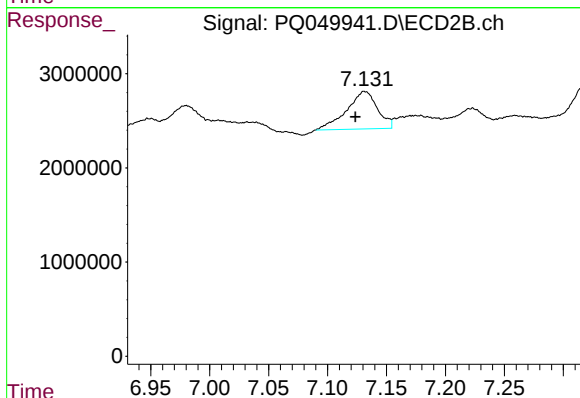
R.T.: 7.652 min
Delta R.T.: -0.003 min
Response: 10265710
Conc: 28.49 ng/ml



#31 AR-1260-1

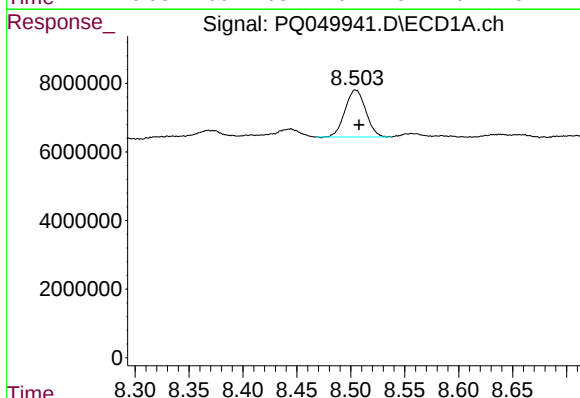
R.T.: 0.000 min
Exp R.T.: 8.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



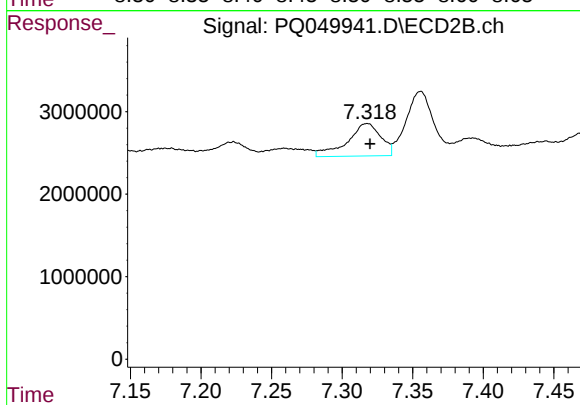
#31 AR-1260-1

R.T.: 7.132 min
Delta R.T.: 0.008 min
Response: 7262726
Conc: 28.23 ng/ml



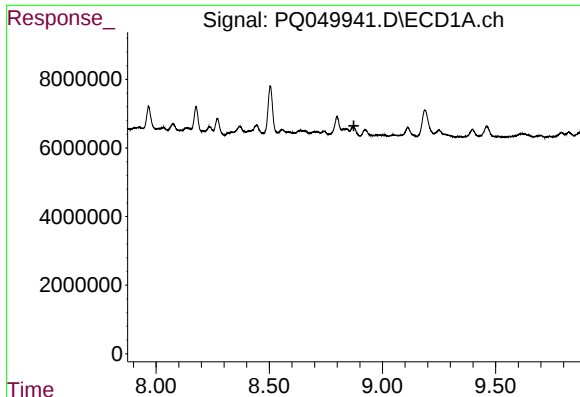
#32 AR-1260-2

R.T.: 8.504 min
Delta R.T.: -0.004 min
Response: 18351826
Conc: 43.30 ng/ml



#32 AR-1260-2

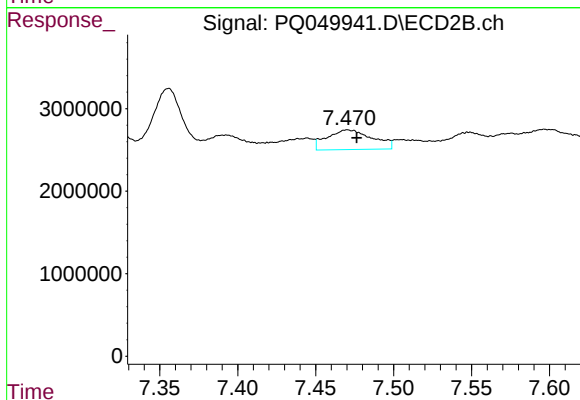
R.T.: 7.318 min
Delta R.T.: -0.002 min
Response: 6507445
Conc: 17.51 ng/ml



#33 AR-1260-3

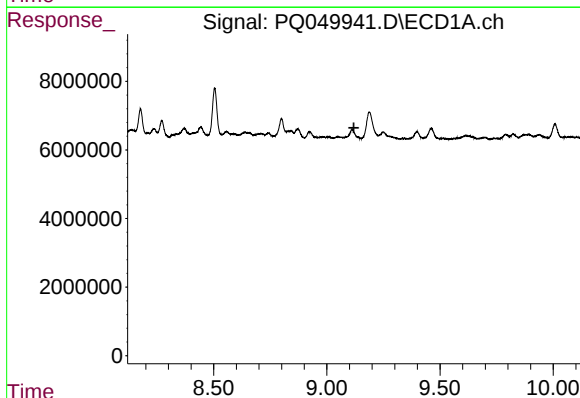
R.T.: 0.000 min
Exp R.T.: 8.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



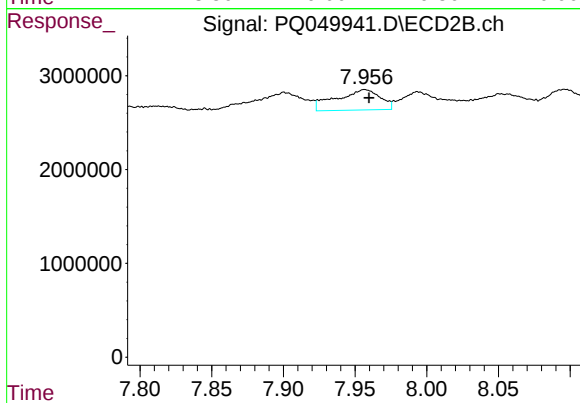
#33 AR-1260-3

R.T.: 7.470 min
Delta R.T.: -0.006 min
Response: 4827441
Conc: 14.08 ng/ml



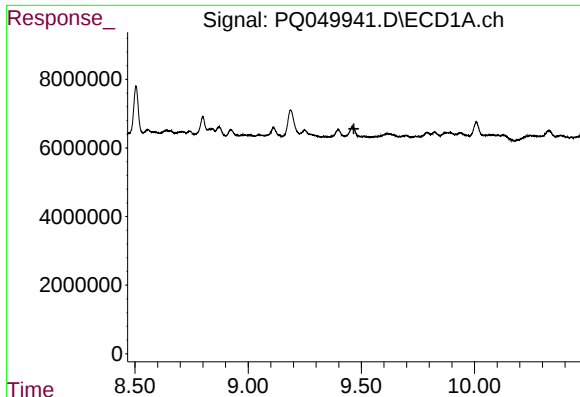
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.120 min
Response: 0
Conc: N.D.



#34 AR-1260-4

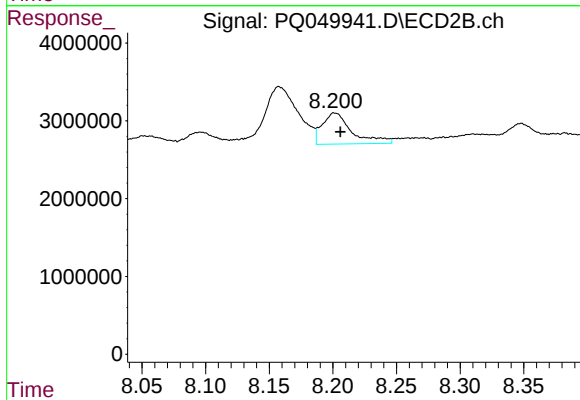
R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 4646540
Conc: 17.02 ng/ml



#35 AR-1260-5

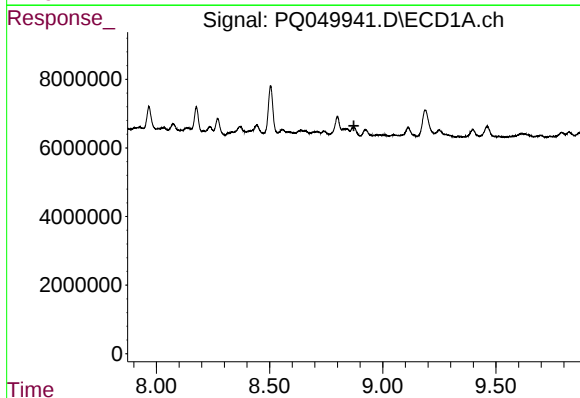
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



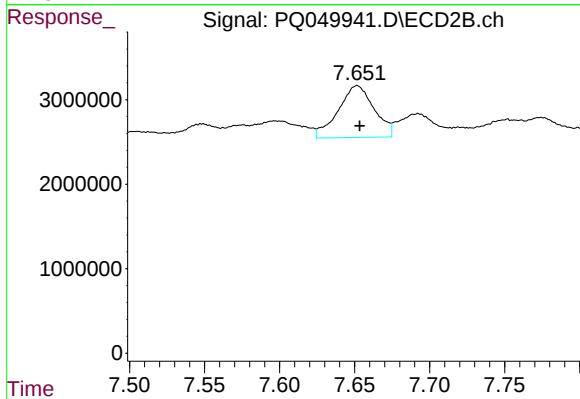
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.004 min
Response: 6505877
Conc: 9.18 ng/ml



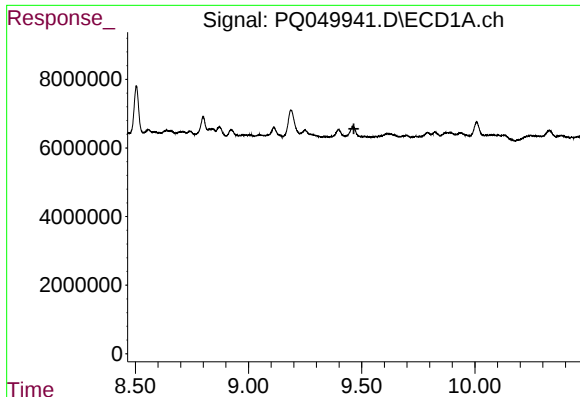
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.872 min
Response: 0
Conc: N.D.



#36 AR-1262-1

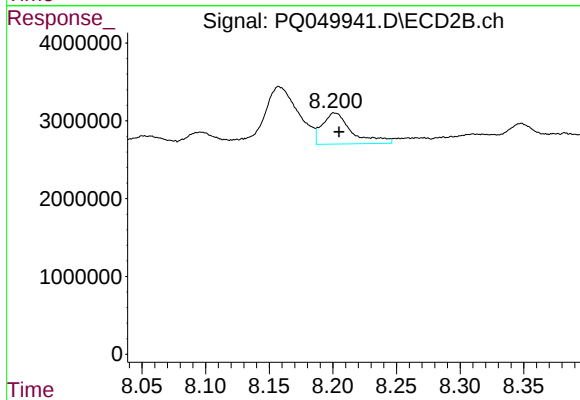
R.T.: 7.652 min
Delta R.T.: -0.002 min
Response: 10265710
Conc: 54.99 ng/ml



#37 AR-1262-2

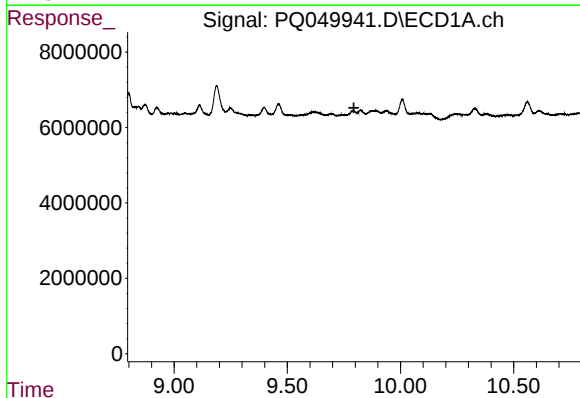
R.T.: 0.000 min
Exp R.T.: 9.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



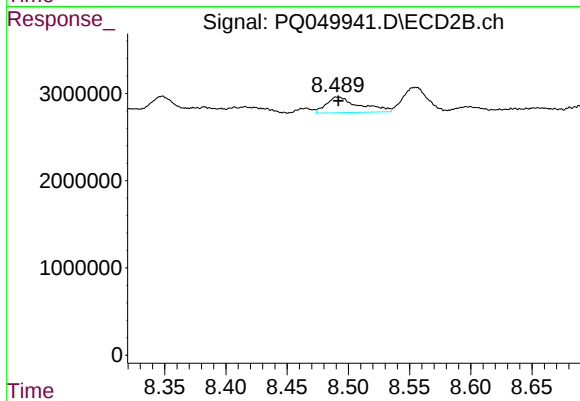
#37 AR-1262-2

R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 6505877
Conc: 9.03 ng/ml



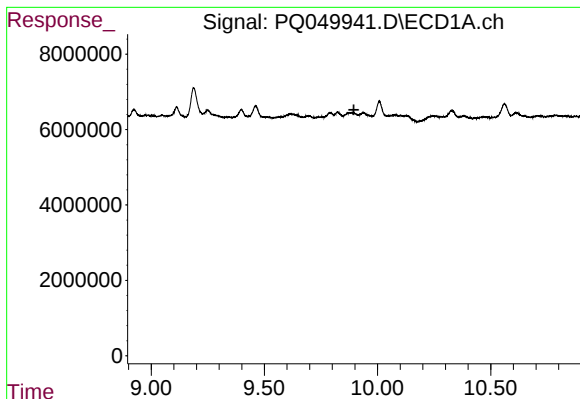
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.794 min
Response: 0
Conc: N.D.



#38 AR-1262-3

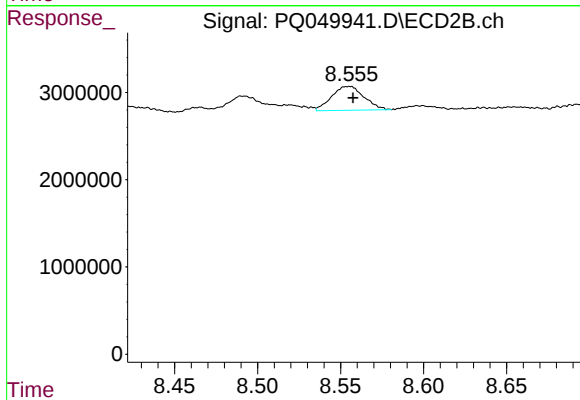
R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 3383038
Conc: 11.88 ng/ml



#39 AR-1262-4

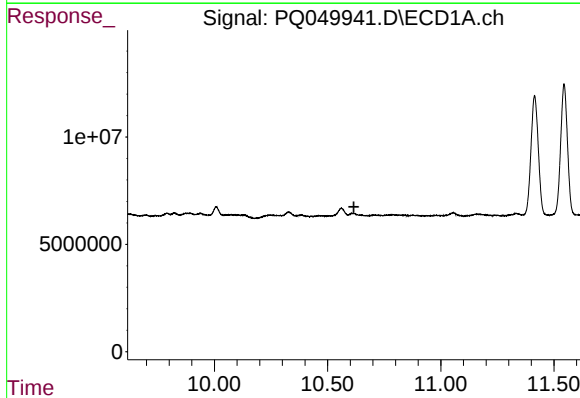
R.T.: 0.000 min
Exp R.T. : 9.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



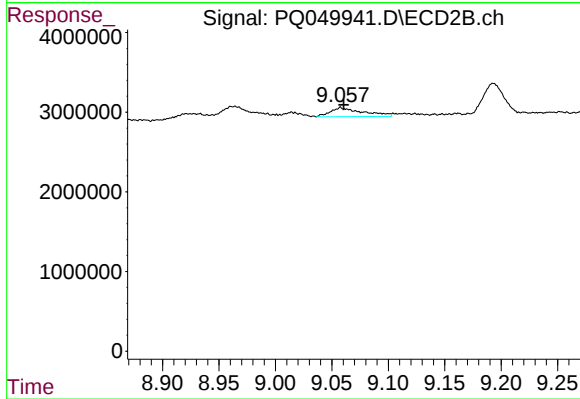
#39 AR-1262-4

R.T.: 8.555 min
Delta R.T.: -0.002 min
Response: 3708762
Conc: 7.59 ng/ml



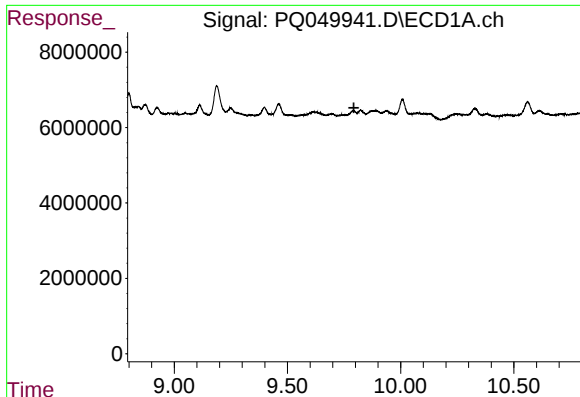
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.616 min
Response: 0
Conc: N.D.



#40 AR-1262-5

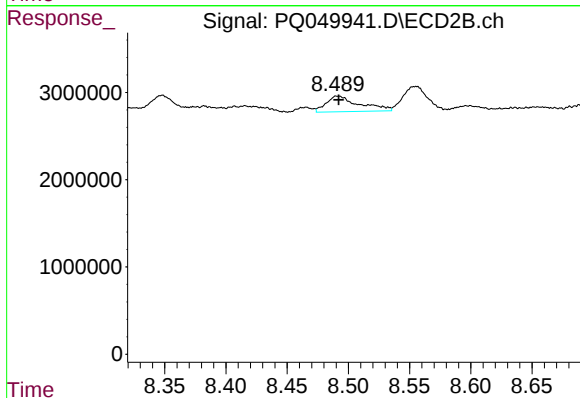
R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 2281563
Conc: 9.42 ng/ml



#41 AR-1268-1

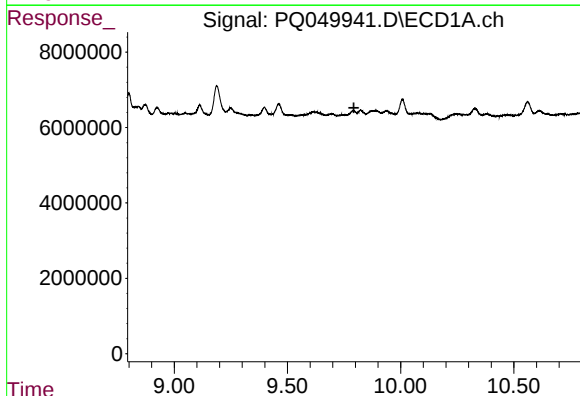
R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



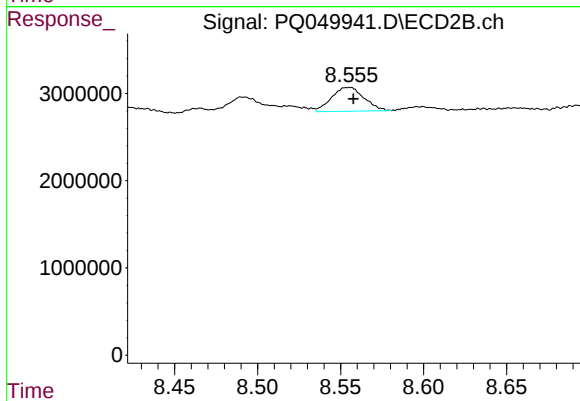
#41 AR-1268-1

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 3383038
Conc: 3.73 ng/ml



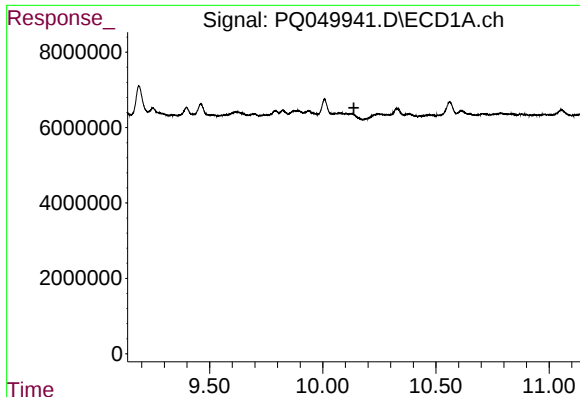
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.



#42 AR-1268-2

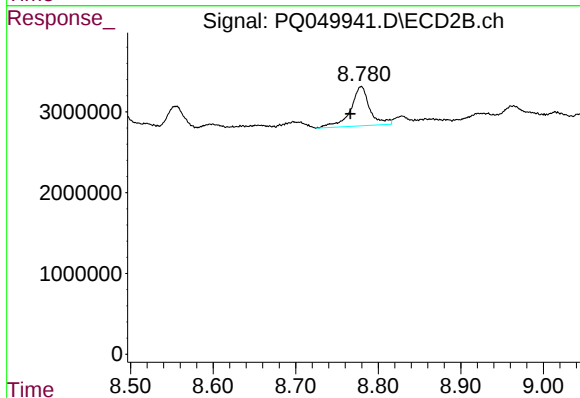
R.T.: 8.555 min
Delta R.T.: -0.003 min
Response: 3708762
Conc: 4.84 ng/ml



#43 AR-1268-3

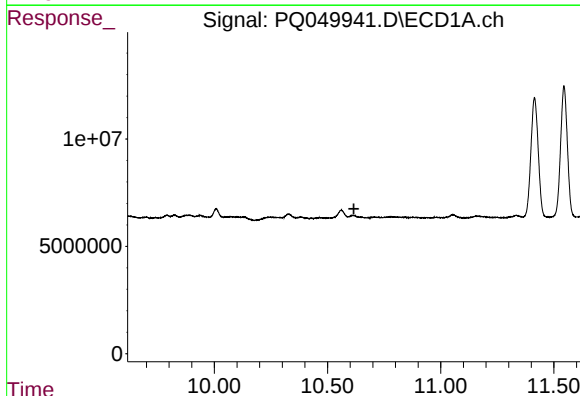
R.T.: 0.000 min
Exp R.T. : 10.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



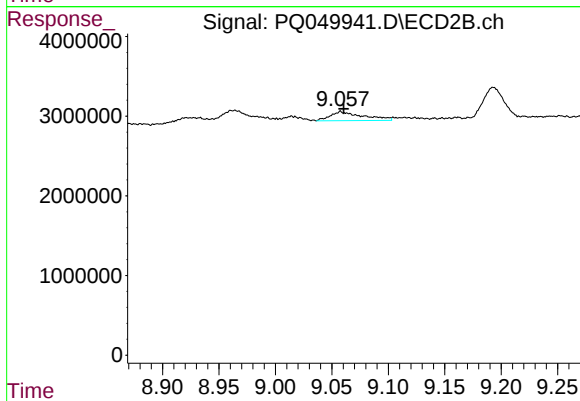
#43 AR-1268-3

R.T.: 8.779 min
Delta R.T.: 0.013 min
Response: 7858220
Conc: 11.57 ng/ml



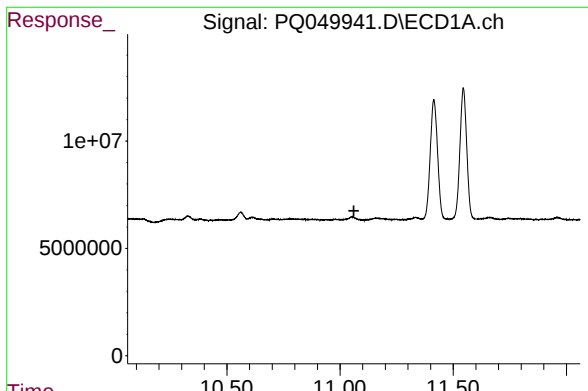
#44 AR-1268-4

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



#44 AR-1268-4

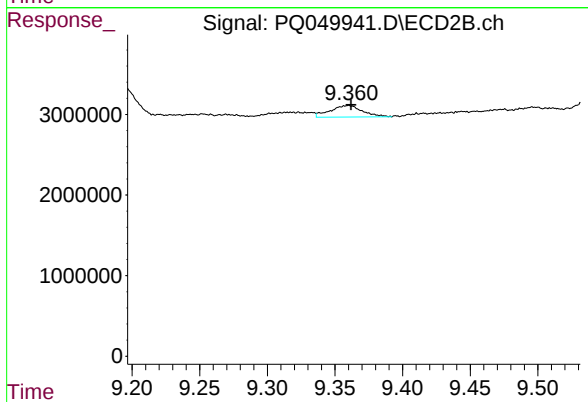
R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 2281563
Conc: 8.25 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: -0.002 min
Response: 2375441
Conc: 1.33 ng/ml