

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
 Data File : PQ043712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 14:42
 Operator : SM\AJ
 Sample : MDL-AR1242-S-2
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-AR1242-S-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 15:37:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 19 00:01:44 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...	5.232	4.409	27077006	14273323	12.659	15.571
2)	SA Decachlor...	11.401	9.864	287.0E6	105.1E6	36.616	34.394
Target Compounds							
3)	L1 AR-1016-1	6.570	5.713	4903009	2127022	50.144	56.058
4)	L1 AR-1016-2	6.570	5.713	4903009	2127022	34.501	40.733
5)	L1 AR-1016-3	6.639	5.909	1566576	577797	18.194	20.545
6)	L1 AR-1016-4	6.745	5.955	1465471	457199	20.028	19.485
7)	L1 AR-1016-5	7.061	6.191	1433248	690085	18.493	21.564
9)	L2 AR-1221-2	5.582	0.000	419917	0	24.277	N.D. #
10)	L2 AR-1221-3	5.661	4.867	675618	775805	11.211	28.333 #
11)	L3 AR-1232-1	5.661	4.867	675618	775805	13.264	32.672 #
12)	L3 AR-1232-2	6.254	5.713	1131462	2127022	39.993	87.136 #
13)	L3 AR-1232-3	6.570	5.909	4903009	577797	77.649	45.561 #
14)	L3 AR-1232-4	6.745	6.002	1465471	540506	44.856	48.361
15)	L3 AR-1232-5	6.842	6.191	1700778	690085	68.208	51.148 #
16)	L4 AR-1242-1	6.570	5.713	4903009	2127022	58.603	64.923
17)	L4 AR-1242-2	6.570	5.713	4903009	2127022	40.358	46.727
18)	L4 AR-1242-3	6.639	5.909	1566576	577797	21.310	23.839
19)	L4 AR-1242-4	6.745	6.002	1465471	540506	23.268	22.206
20)	L4 AR-1242-5	7.528	6.573	3257409	1052451	35.589	29.999
21)	L5 AR-1248-1	6.570	5.713	4903009	2127022	69.568	77.086
22)	L5 AR-1248-2	6.842	5.955	1700778	457199	16.742	12.146 #
23)	L5 AR-1248-3	7.061	6.002	1433248	540506	11.899	14.051
24)	L5 AR-1248-4	7.488	6.191	3944570	690085	24.659	14.662 #
25)	L5 AR-1248-5	7.528	6.618	3257409	977278	20.867	18.561
26)	L6 AR-1254-1	7.488	6.573	3944570	1052451	23.648	12.125 #
27)	L6 AR-1254-2	7.694	0.000	2494229	0	8.611	N.D. #
28)	L6 AR-1254-3	8.072	7.161	2130276	507409	6.312	3.639 #
29)	L6 AR-1254-4	8.367	7.399	1290984	349796	4.413	3.648
30)	L6 AR-1254-5	8.747	0.000	1675992	0	4.555	N.D. #
31)	L7 AR-1260-1	8.200	7.313	692955	814768	3.641	11.651 #
32)	L7 AR-1260-2	8.461	0.000	1328242	0	5.434	N.D. #
35)	L7 AR-1260-5	0.000	8.356	0	523218	N.D.	2.479 #
37)	L8 AR-1262-2	0.000	8.356	0	523218	N.D.	1.996 #
38)	L8 AR-1262-3	9.837	0.000	5121150	0	9.584	N.D. #
39)	L8 AR-1262-4	9.837	0.000	5121150	0	12.531	N.D. #
40)	L8 AR-1262-5	10.536	0.000	820763	0	2.324	N.D. #
41)	L9 AR-1268-1	9.837	0.000	5121150	0	5.175	N.D. #
42)	L9 AR-1268-2	9.837	0.000	5121150	0	5.400	N.D. #
43)	L9 AR-1268-3	10.133	8.957	1593919	708592	2.007	2.156
44)	L9 AR-1268-4	10.536	0.000	820763	0	1.838	N.D. #
45)	L9 AR-1268-5	11.038	9.582	3122198	824638	0.936	0.618 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
Data File : PQ043712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2019 14:42
Operator : SM\AJ
Sample : MDL-AR1242-S-2
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 15:37:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 19 00:01:44 2019
Response via : Initial Calibration
Integrator: ChemStation

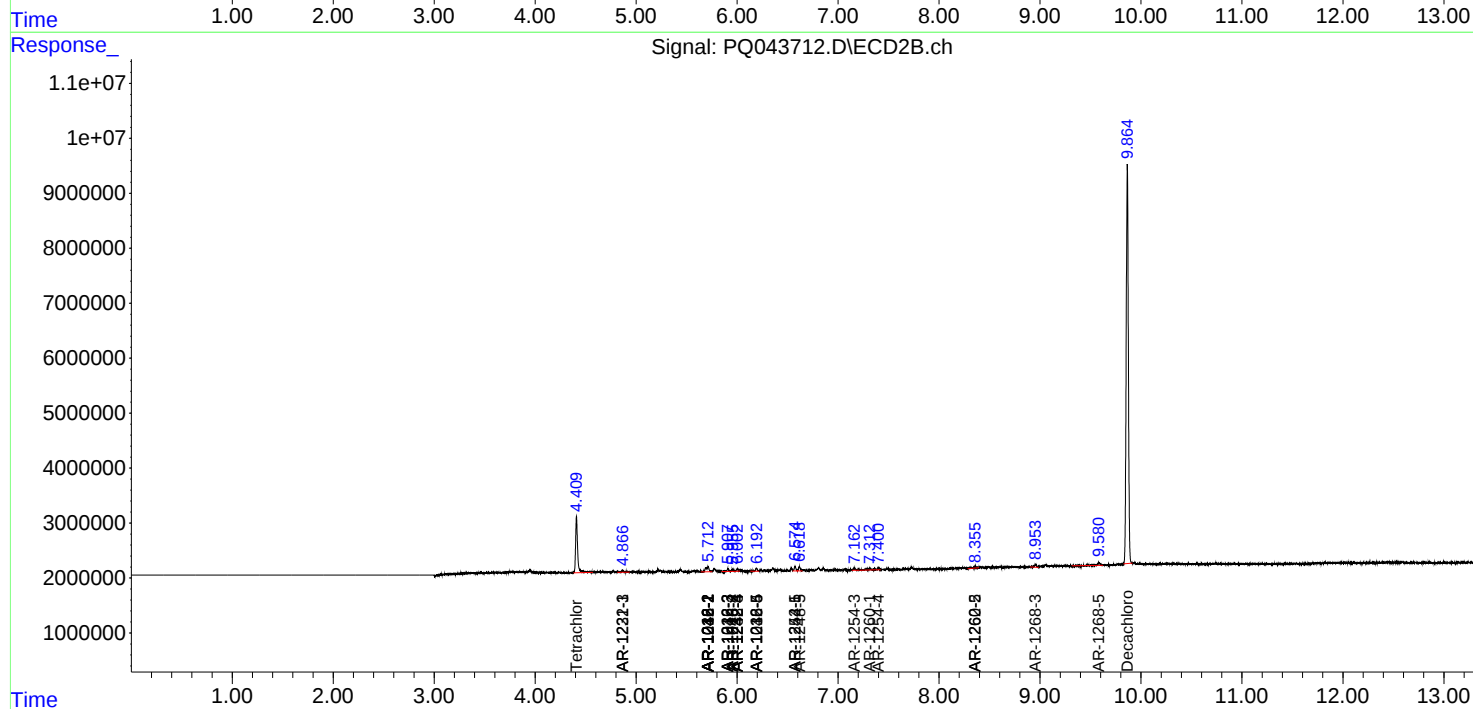
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

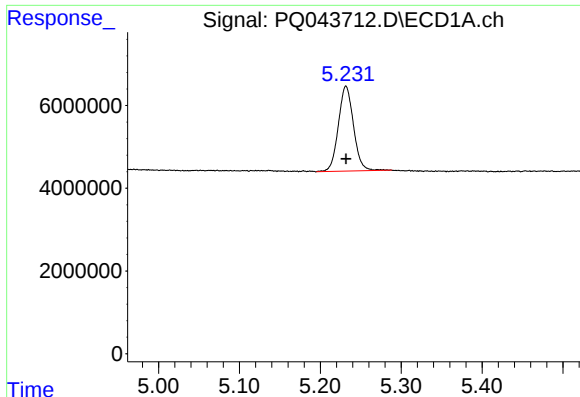
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2

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

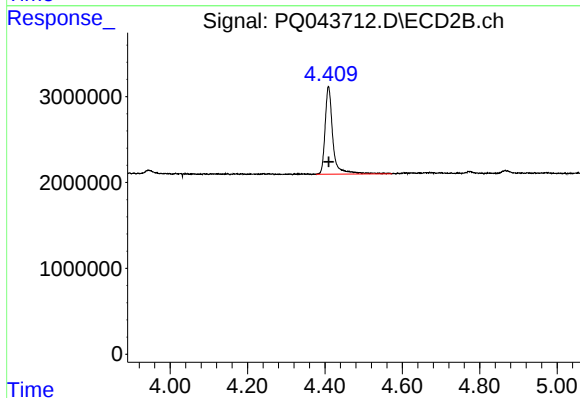




#1 Tetrachloro-m-xylene

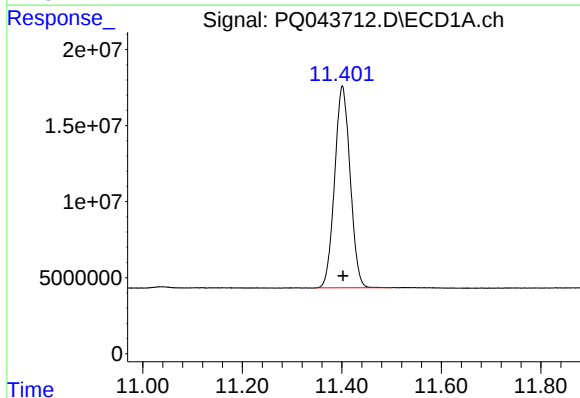
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 27077006
Conc: 12.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



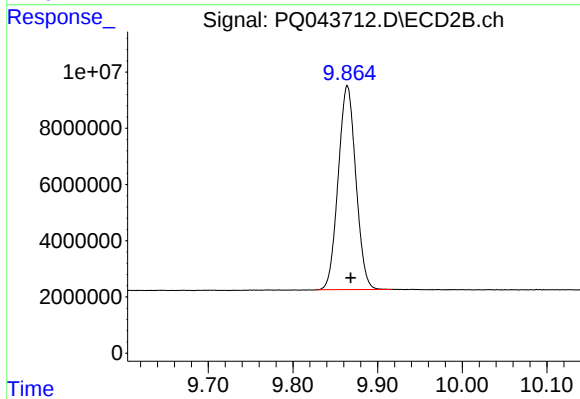
#1 Tetrachloro-m-xylene

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 14273323
Conc: 15.57 ng/ml



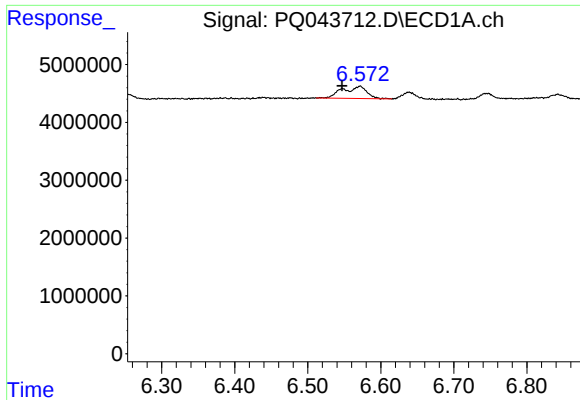
#2 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: -0.001 min
Response: 286966763
Conc: 36.62 ng/ml



#2 Decachlorobiphenyl

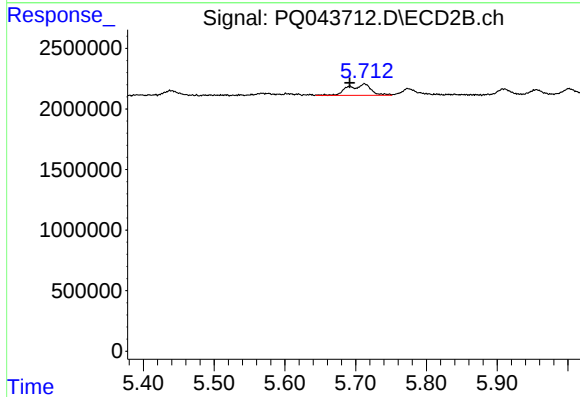
R.T.: 9.864 min
Delta R.T.: -0.004 min
Response: 105084796
Conc: 34.39 ng/ml



#3 AR-1016-1

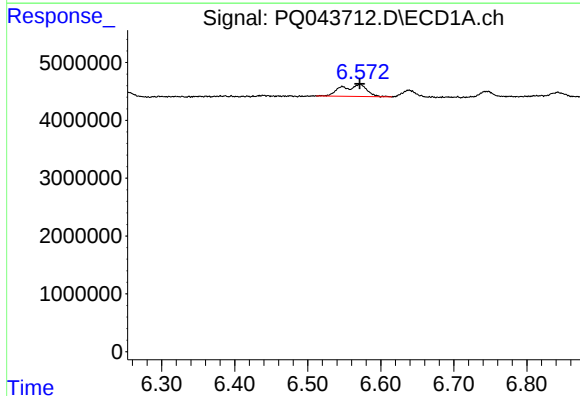
R.T.: 6.570 min
Delta R.T.: 0.023 min
Response: 4903009
Conc: 50.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



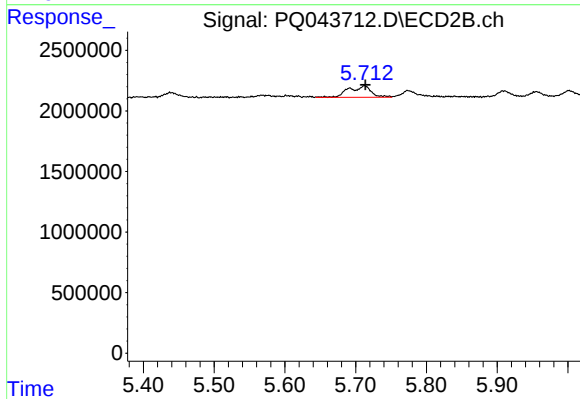
#3 AR-1016-1

R.T.: 5.713 min
Delta R.T.: 0.021 min
Response: 2127022
Conc: 56.06 ng/ml



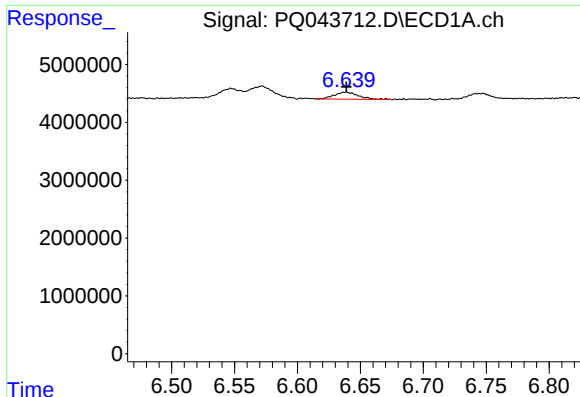
#4 AR-1016-2

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 4903009
Conc: 34.50 ng/ml



#4 AR-1016-2

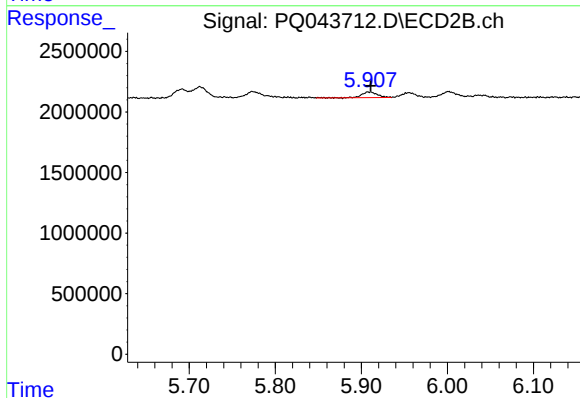
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 2127022
Conc: 40.73 ng/ml



#5 AR-1016-3

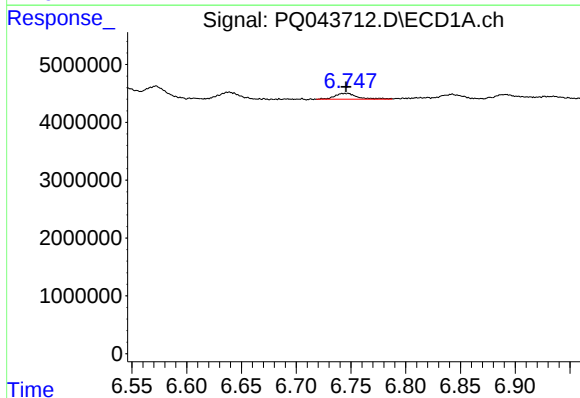
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1566576
Conc: 18.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



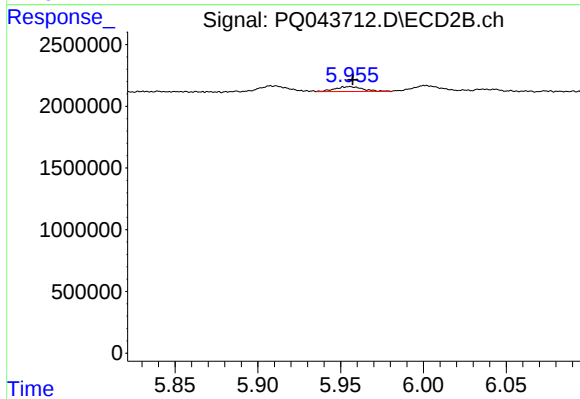
#5 AR-1016-3

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 577797
Conc: 20.54 ng/ml



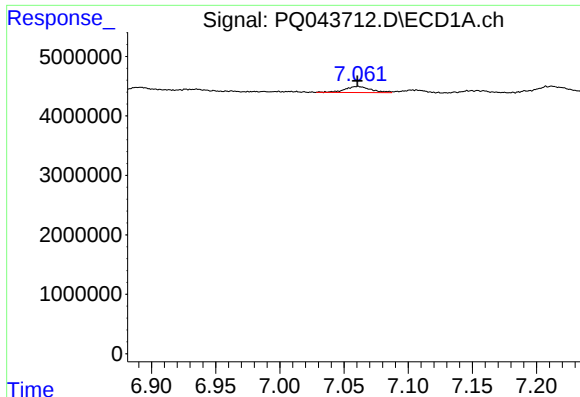
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1465471
Conc: 20.03 ng/ml



#6 AR-1016-4

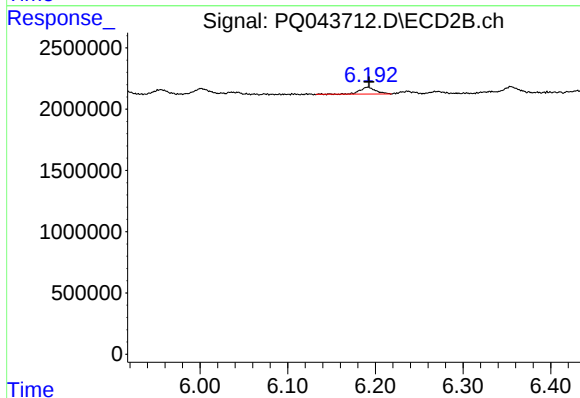
R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 457199
Conc: 19.48 ng/ml



#7 AR-1016-5

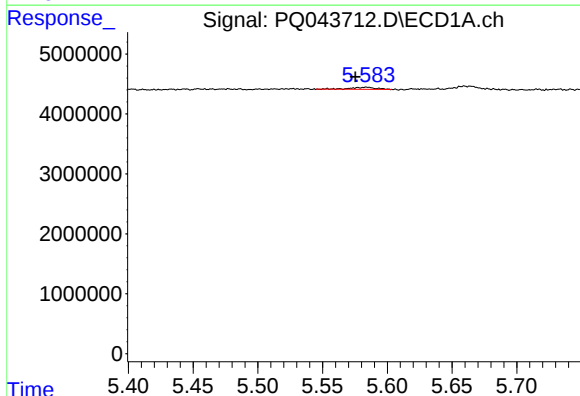
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 1433248
Conc: 18.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



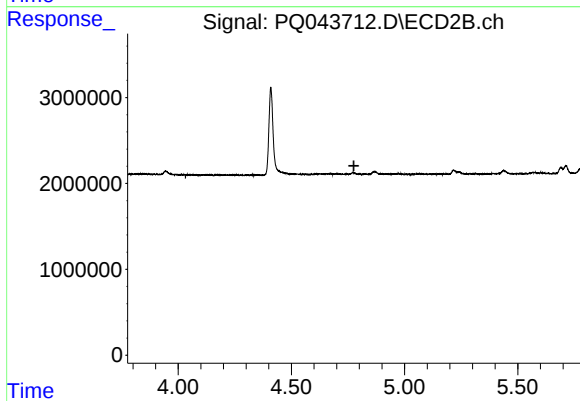
#7 AR-1016-5

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 690085
Conc: 21.56 ng/ml



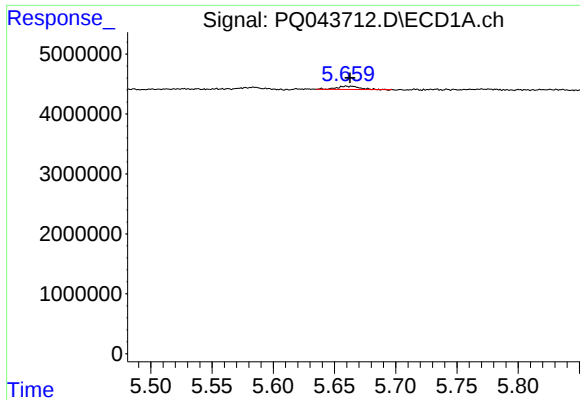
#9 AR-1221-2

R.T.: 5.582 min
Delta R.T.: 0.007 min
Response: 419917
Conc: 24.28 ng/ml



#9 AR-1221-2

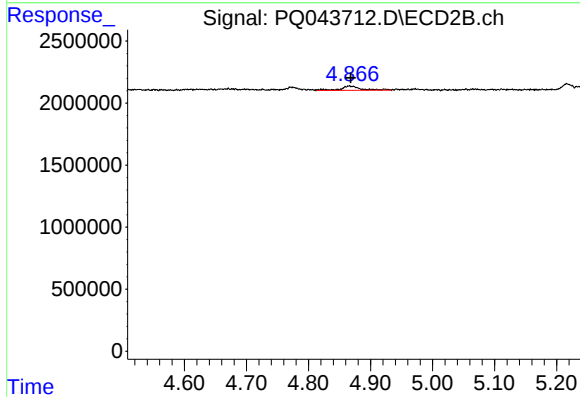
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.



#10 AR-1221-3

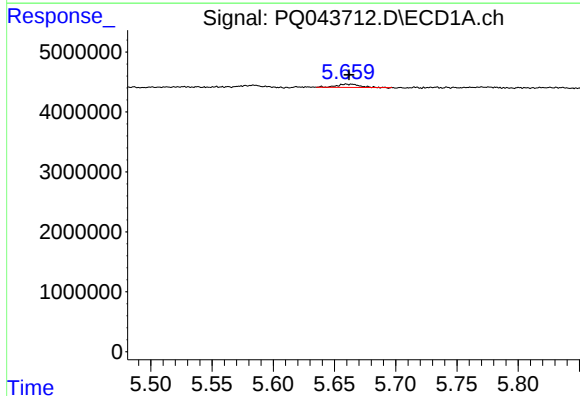
R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 675618
Conc: 11.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



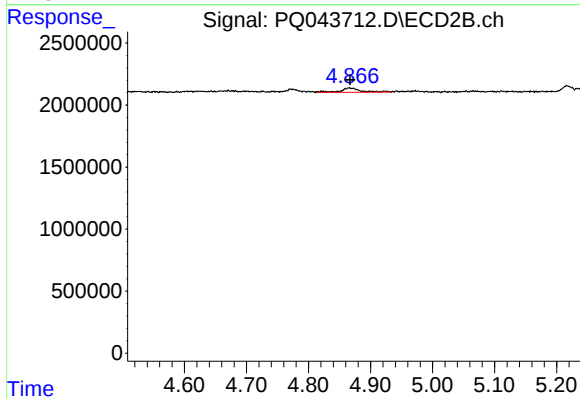
#10 AR-1221-3

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 775805
Conc: 28.33 ng/ml



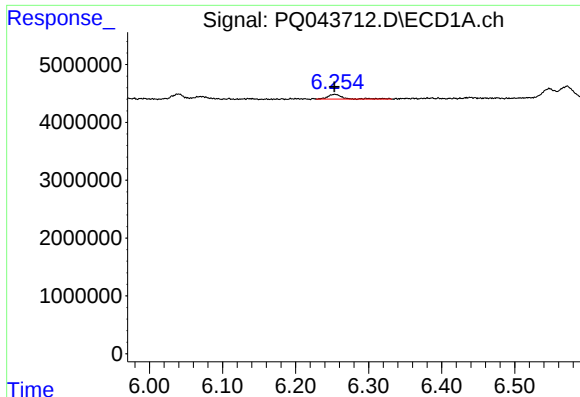
#11 AR-1232-1

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 675618
Conc: 13.26 ng/ml



#11 AR-1232-1

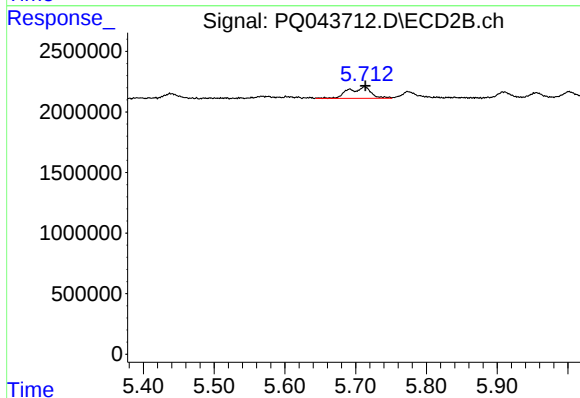
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 775805
Conc: 32.67 ng/ml



#12 AR-1232-2

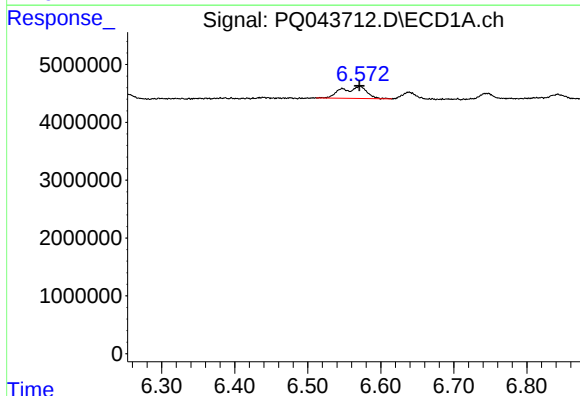
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1131462
Conc: 39.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



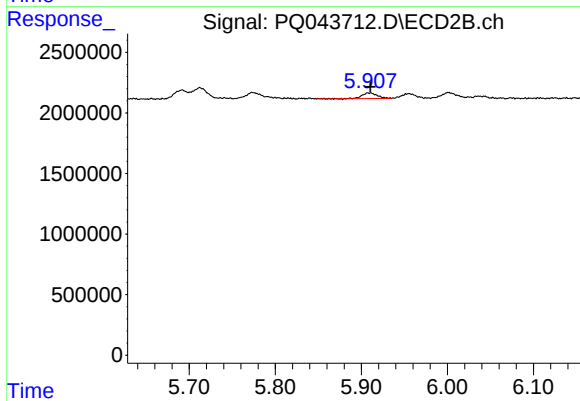
#12 AR-1232-2

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 2127022
Conc: 87.14 ng/ml



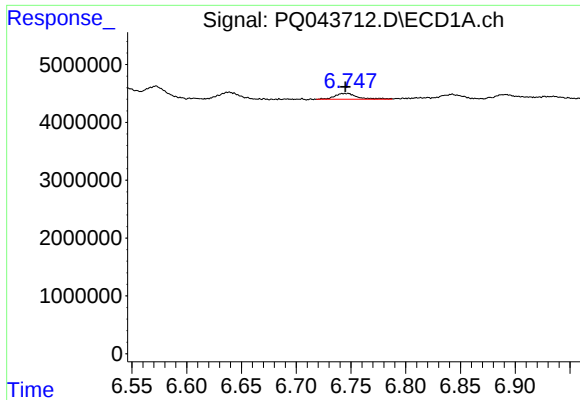
#13 AR-1232-3

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 4903009
Conc: 77.65 ng/ml



#13 AR-1232-3

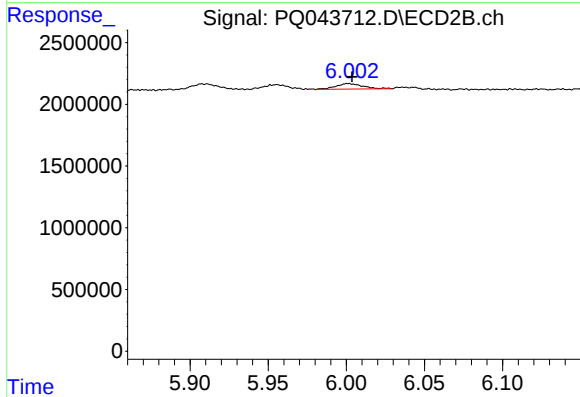
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 577797
Conc: 45.56 ng/ml



#14 AR-1232-4

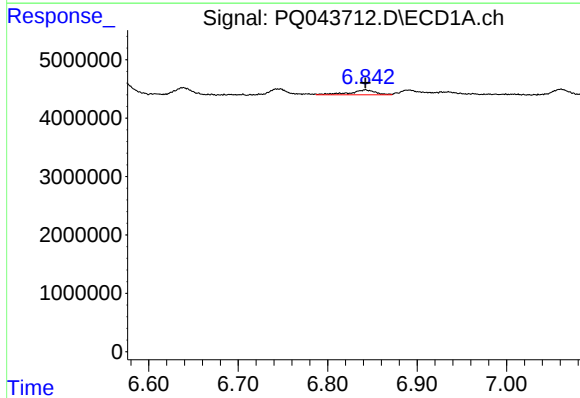
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1465471
Conc: 44.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



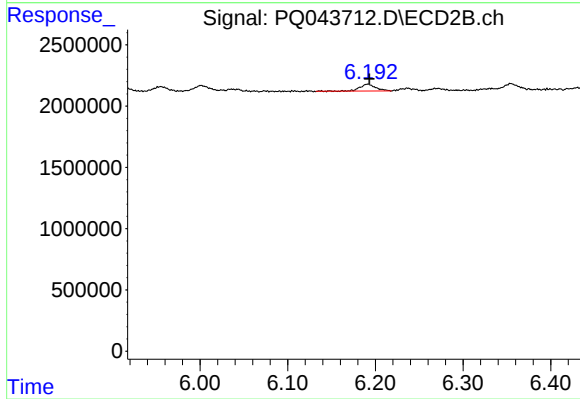
#14 AR-1232-4

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 540506
Conc: 48.36 ng/ml



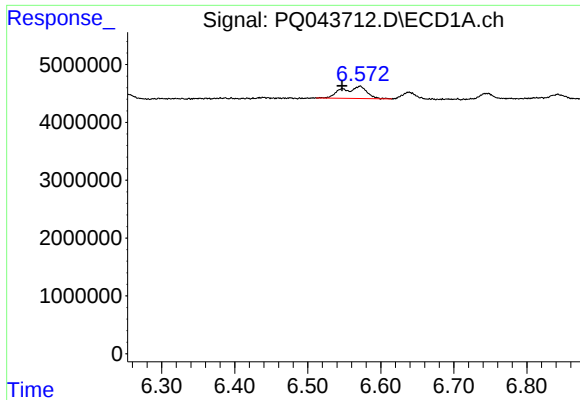
#15 AR-1232-5

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 1700778
Conc: 68.21 ng/ml



#15 AR-1232-5

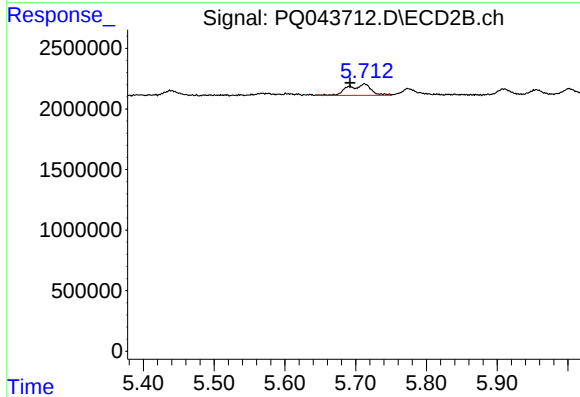
R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 690085
Conc: 51.15 ng/ml



#16 AR-1242-1

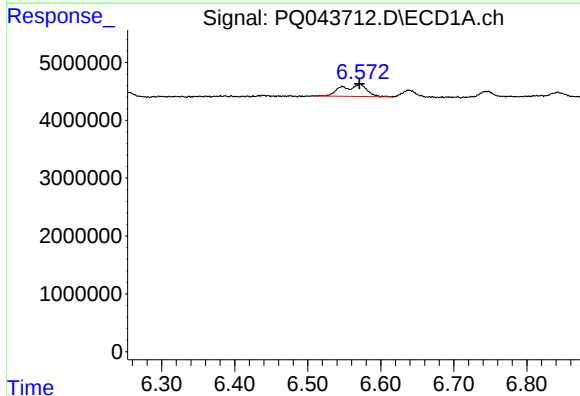
R.T.: 6.570 min
Delta R.T.: 0.023 min
Response: 4903009
Conc: 58.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



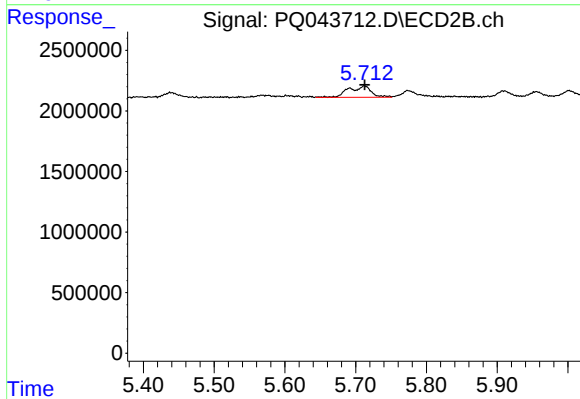
#16 AR-1242-1

R.T.: 5.713 min
Delta R.T.: 0.020 min
Response: 2127022
Conc: 64.92 ng/ml



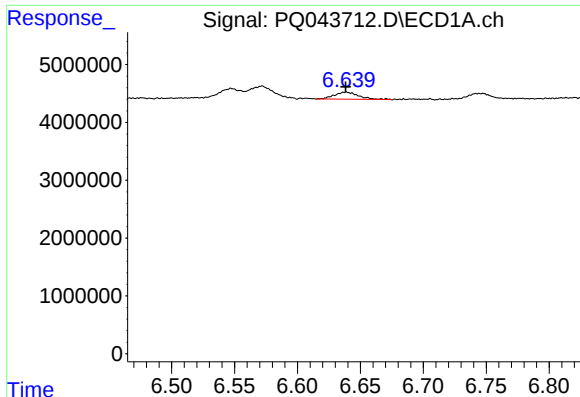
#17 AR-1242-2

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 4903009
Conc: 40.36 ng/ml



#17 AR-1242-2

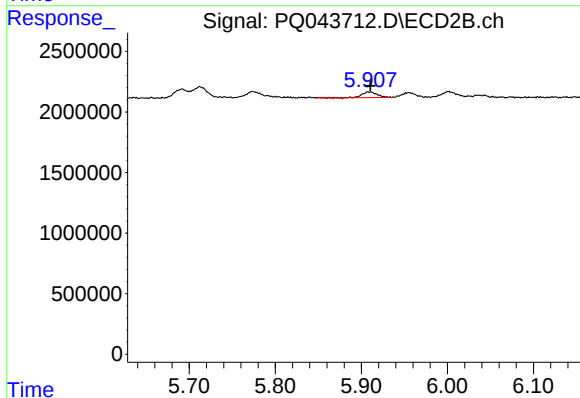
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 2127022
Conc: 46.73 ng/ml



#18 AR-1242-3

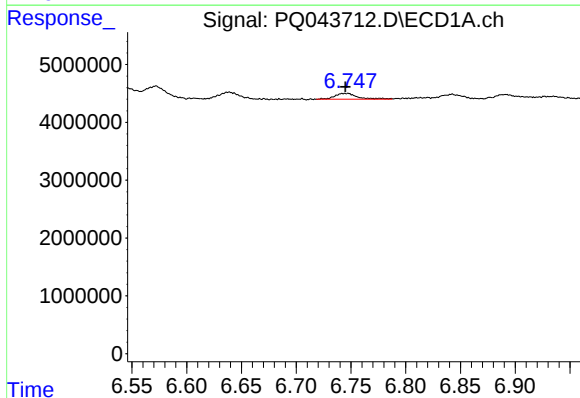
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1566576
Conc: 21.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



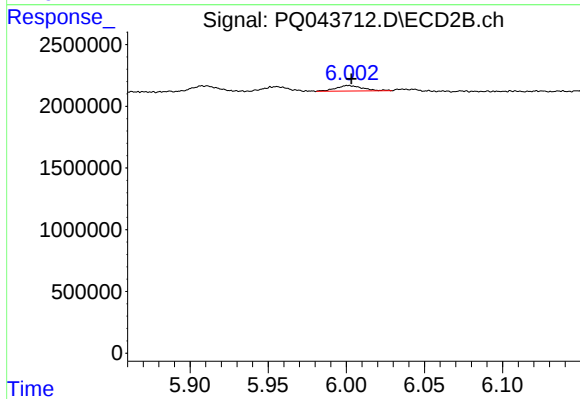
#18 AR-1242-3

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 577797
Conc: 23.84 ng/ml



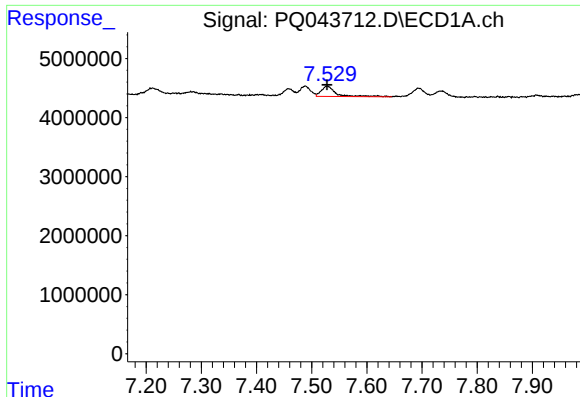
#19 AR-1242-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1465471
Conc: 23.27 ng/ml



#19 AR-1242-4

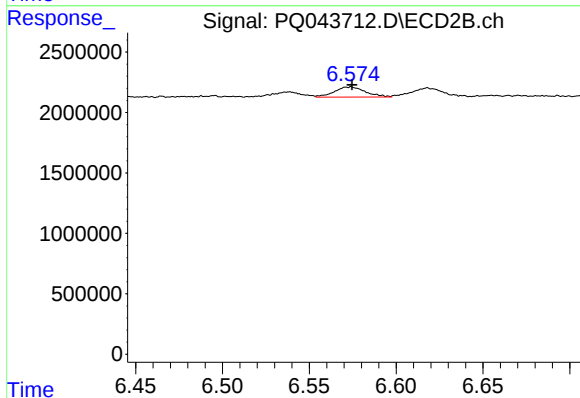
R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 540506
Conc: 22.21 ng/ml



#20 AR-1242-5

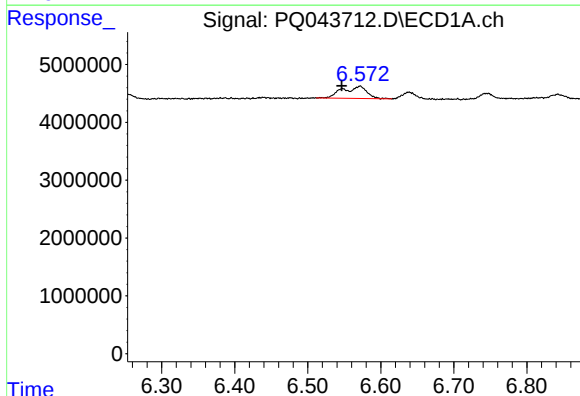
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 3257409
Conc: 35.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



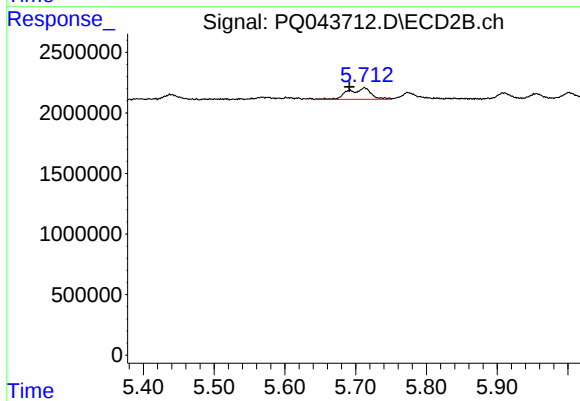
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 1052451
Conc: 30.00 ng/ml



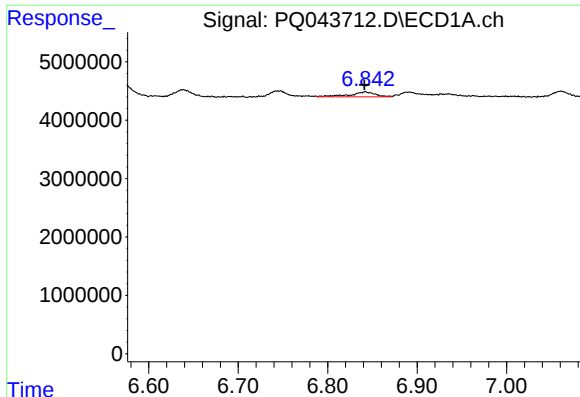
#21 AR-1248-1

R.T.: 6.570 min
Delta R.T.: 0.024 min
Response: 4903009
Conc: 69.57 ng/ml



#21 AR-1248-1

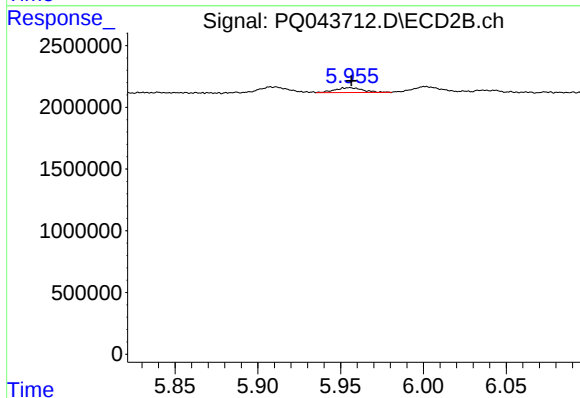
R.T.: 5.713 min
Delta R.T.: 0.021 min
Response: 2127022
Conc: 77.09 ng/ml



#22 AR-1248-2

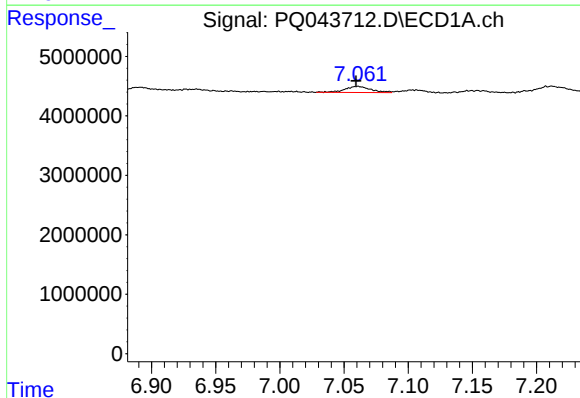
R.T.: 6.842 min
Delta R.T.: 0.001 min
Response: 1700778
Conc: 16.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



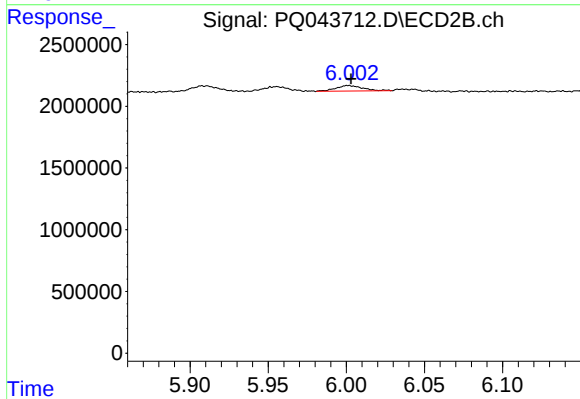
#22 AR-1248-2

R.T.: 5.955 min
Delta R.T.: -0.001 min
Response: 457199
Conc: 12.15 ng/ml



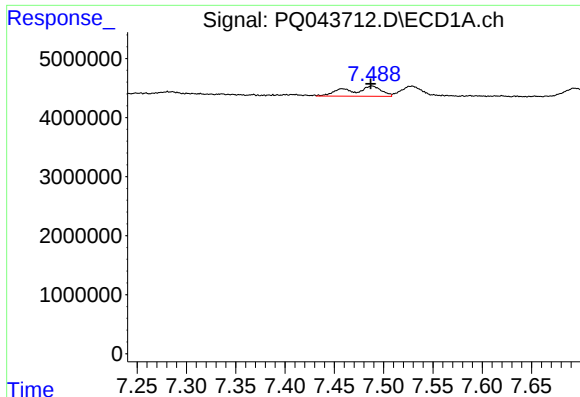
#23 AR-1248-3

R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 1433248
Conc: 11.90 ng/ml



#23 AR-1248-3

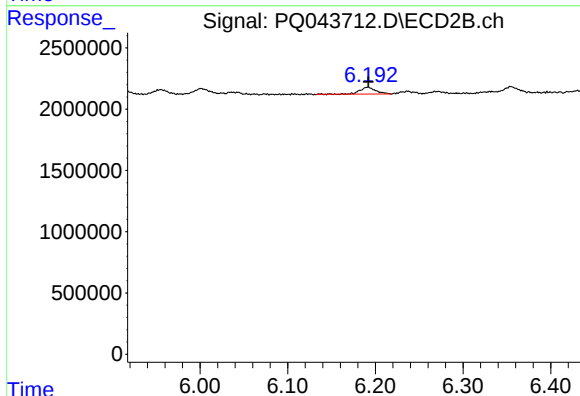
R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 540506
Conc: 14.05 ng/ml



#24 AR-1248-4

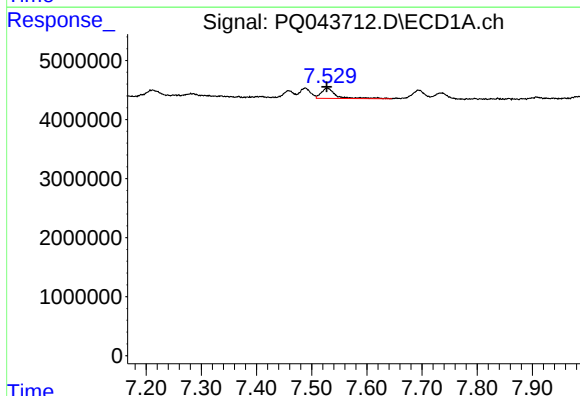
R.T.: 7.488 min
Delta R.T.: 0.001 min
Response: 3944570
Conc: 24.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



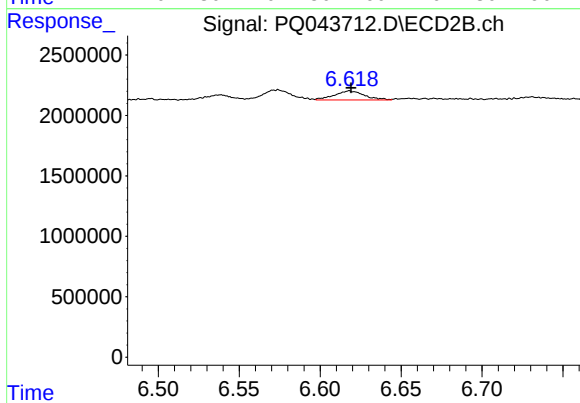
#24 AR-1248-4

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 690085
Conc: 14.66 ng/ml



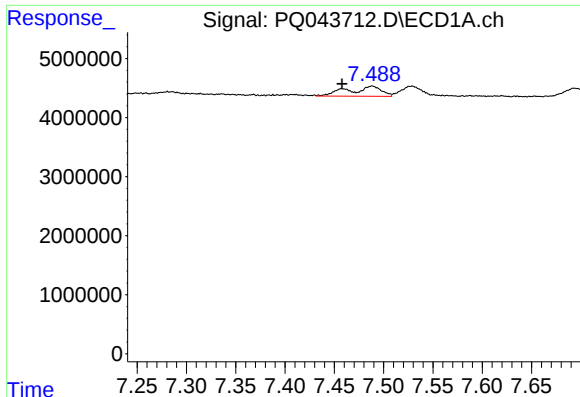
#25 AR-1248-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 3257409
Conc: 20.87 ng/ml



#25 AR-1248-5

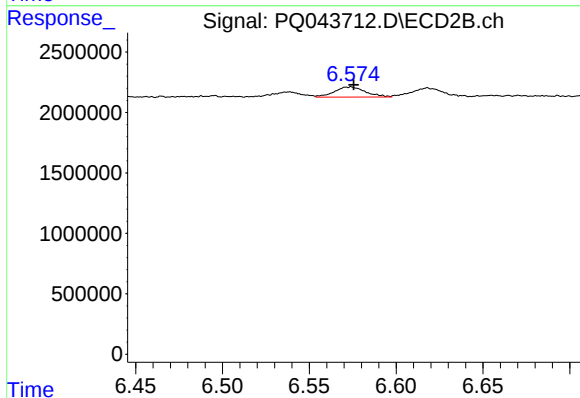
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 977278
Conc: 18.56 ng/ml



#26 AR-1254-1

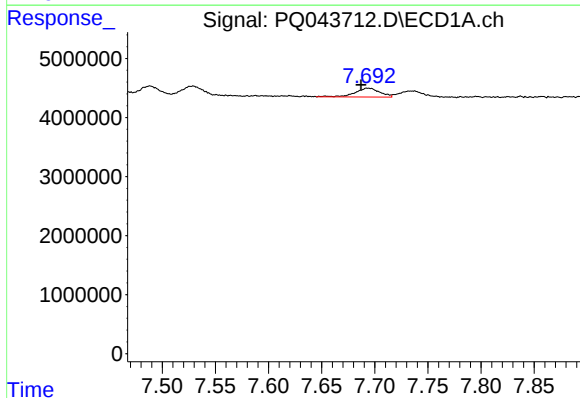
R.T.: 7.488 min
Delta R.T.: 0.030 min
Response: 3944570
Conc: 23.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



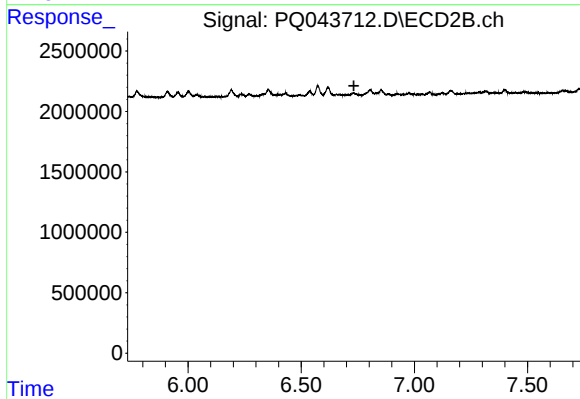
#26 AR-1254-1

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 1052451
Conc: 12.12 ng/ml



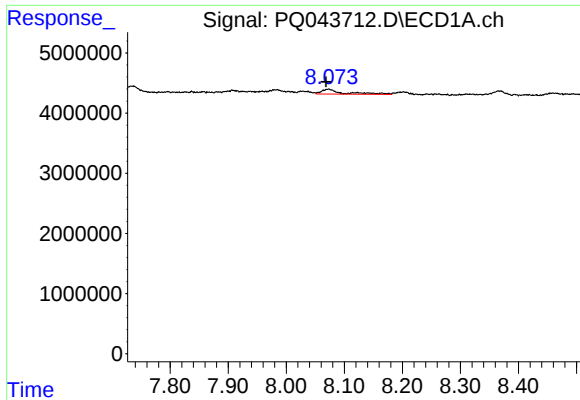
#27 AR-1254-2

R.T.: 7.694 min
Delta R.T.: 0.007 min
Response: 2494229
Conc: 8.61 ng/ml



#27 AR-1254-2

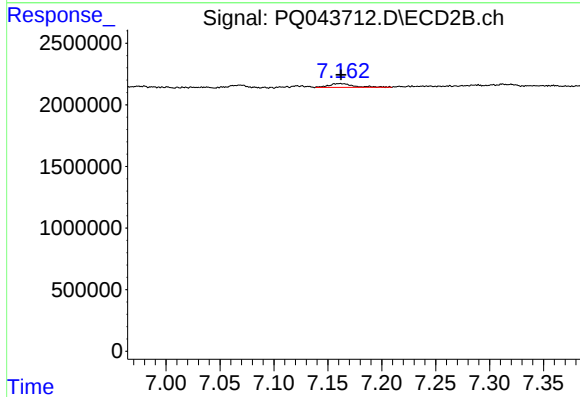
R.T.: 0.000 min
Exp R.T.: 6.733 min
Response: 0
Conc: N.D.



#28 AR-1254-3

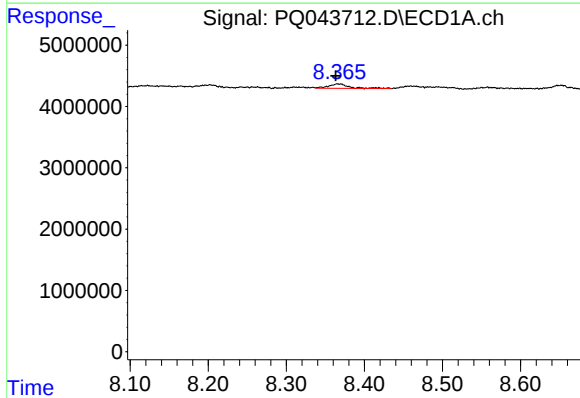
R.T.: 8.072 min
Delta R.T.: 0.004 min
Response: 2130276
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



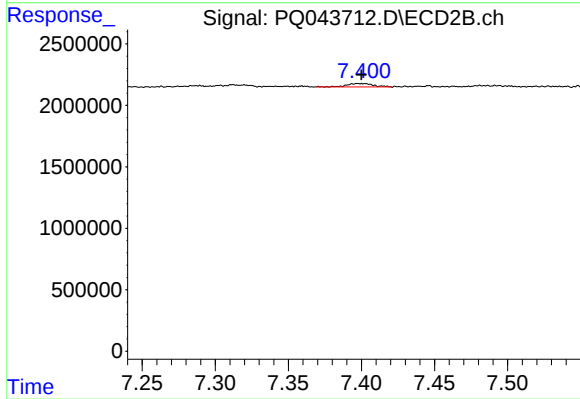
#28 AR-1254-3

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 507409
Conc: 3.64 ng/ml



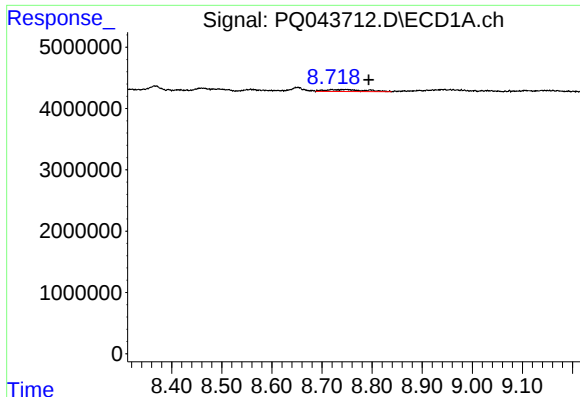
#29 AR-1254-4

R.T.: 8.367 min
Delta R.T.: 0.003 min
Response: 1290984
Conc: 4.41 ng/ml



#29 AR-1254-4

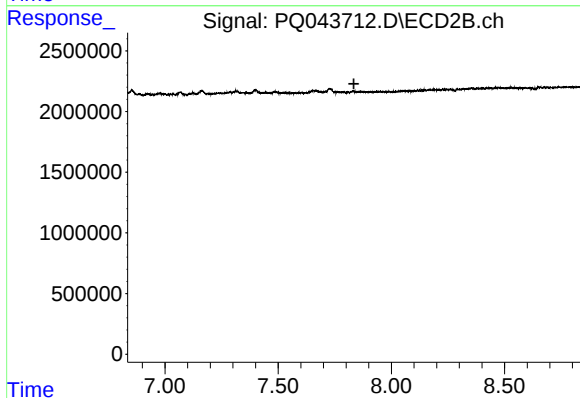
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 349796
Conc: 3.65 ng/ml



#30 AR-1254-5

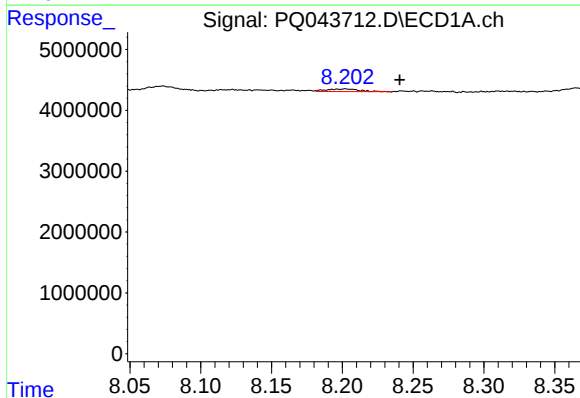
R.T.: 8.747 min
Delta R.T.: -0.046 min
Response: 1675992
Conc: 4.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



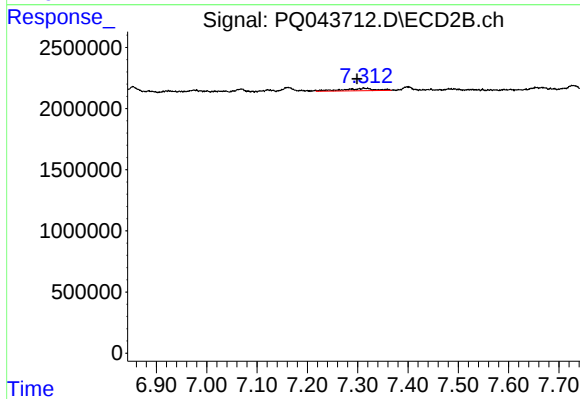
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.835 min
Response: 0
Conc: N.D.



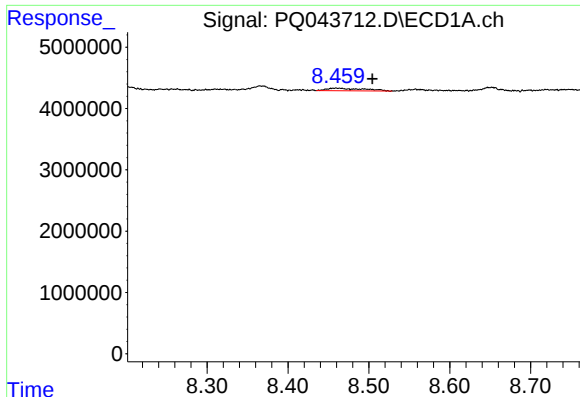
#31 AR-1260-1

R.T.: 8.200 min
Delta R.T.: -0.040 min
Response: 692955
Conc: 3.64 ng/ml



#31 AR-1260-1

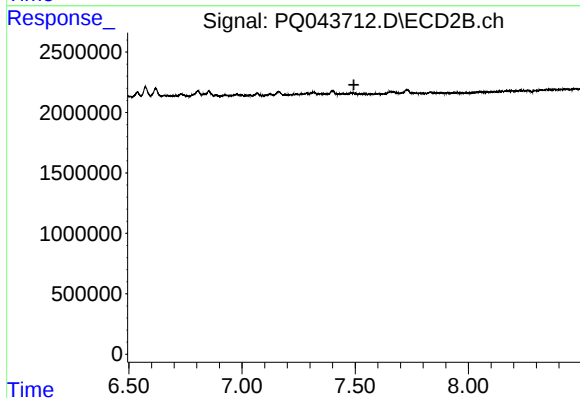
R.T.: 7.313 min
Delta R.T.: 0.014 min
Response: 814768
Conc: 11.65 ng/ml



#32 AR-1260-2

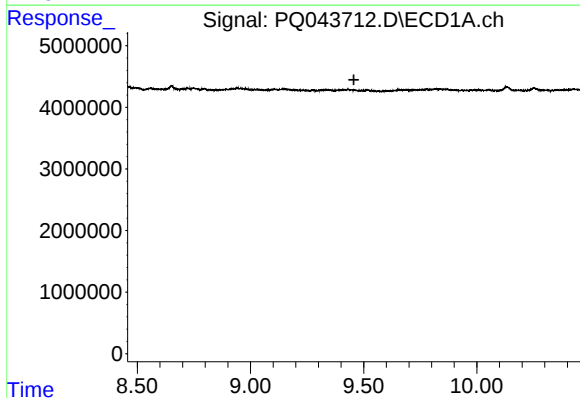
R.T.: 8.461 min
Delta R.T.: -0.044 min
Response: 1328242
Conc: 5.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



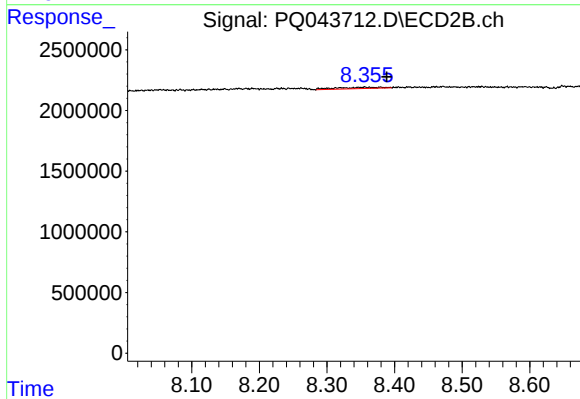
#32 AR-1260-2

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



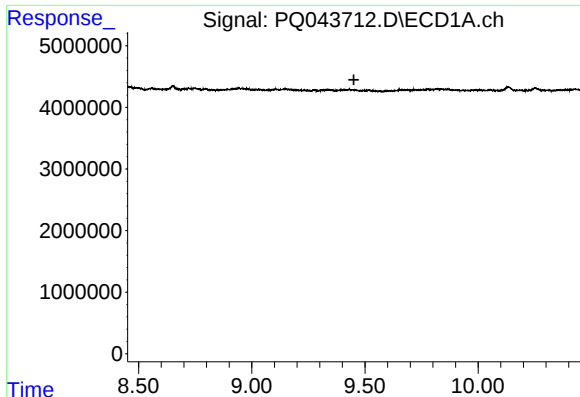
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.457 min
Response: 0
Conc: N.D.



#35 AR-1260-5

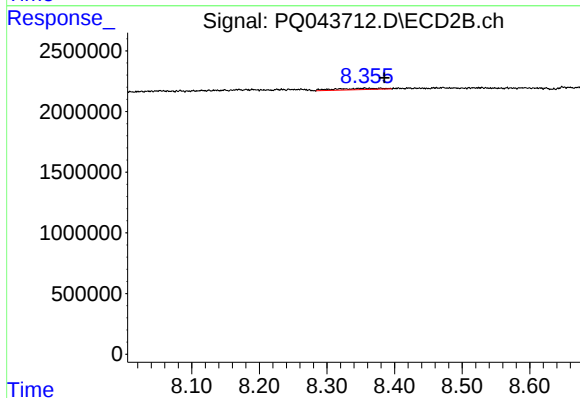
R.T.: 8.356 min
Delta R.T.: -0.033 min
Response: 523218
Conc: 2.48 ng/ml



#37 AR-1262-2

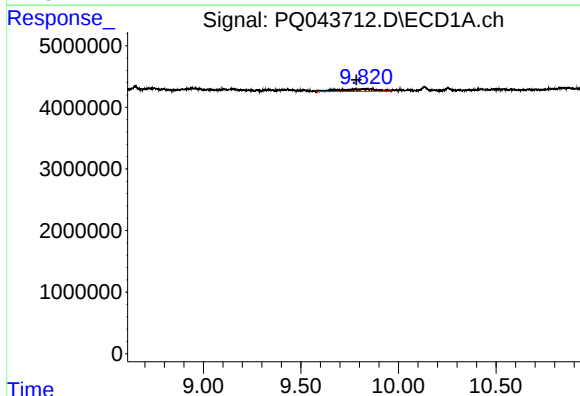
R.T.: 0.000 min
Exp R.T.: 9.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



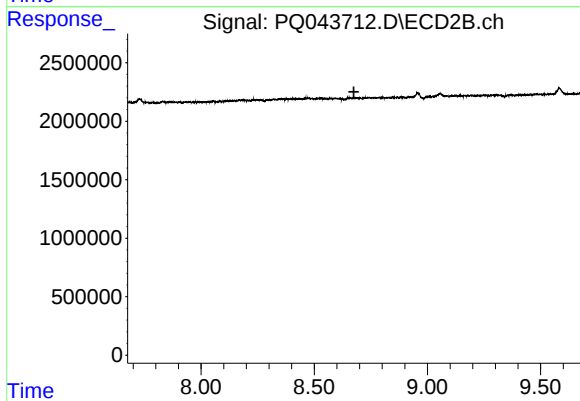
#37 AR-1262-2

R.T.: 8.356 min
Delta R.T.: -0.029 min
Response: 523218
Conc: 2.00 ng/ml



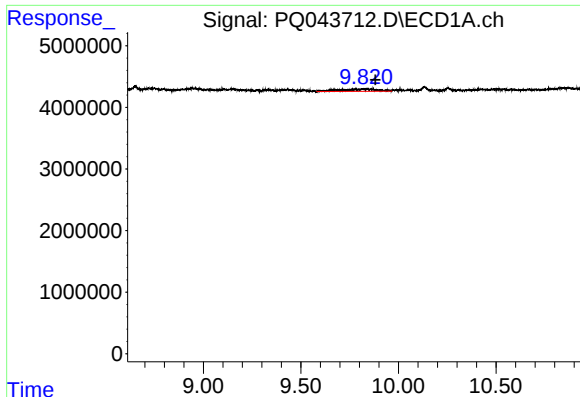
#38 AR-1262-3

R.T.: 9.837 min
Delta R.T.: 0.052 min
Response: 5121150
Conc: 9.58 ng/ml



#38 AR-1262-3

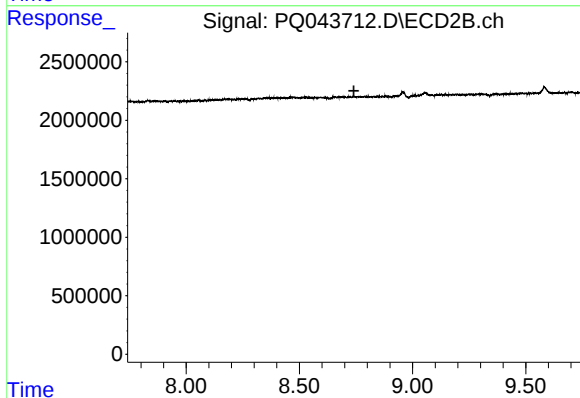
R.T.: 0.000 min
Exp R.T.: 8.675 min
Response: 0
Conc: N.D.



#39 AR-1262-4

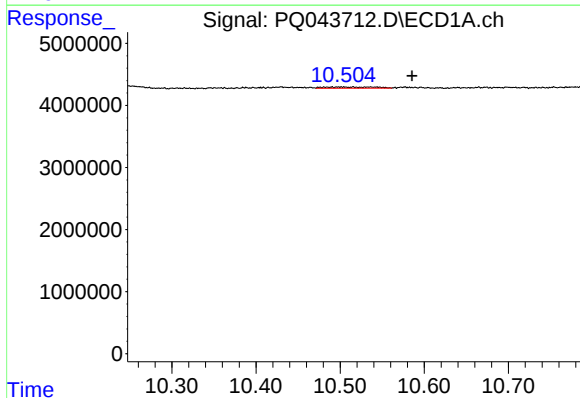
R.T.: 9.837 min
Delta R.T.: -0.045 min
Response: 5121150
Conc: 12.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



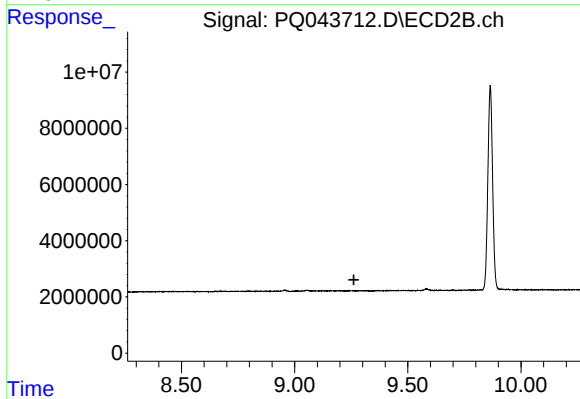
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.741 min
Response: 0
Conc: N.D.



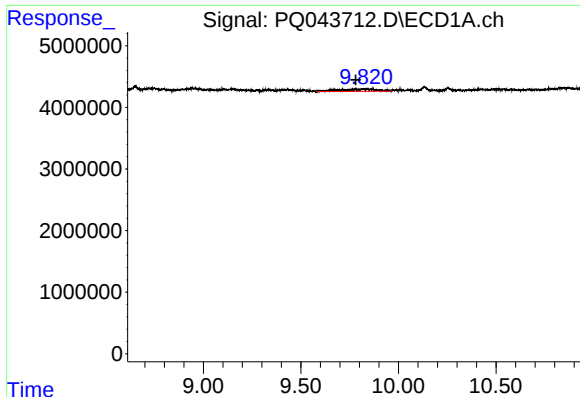
#40 AR-1262-5

R.T.: 10.536 min
Delta R.T.: -0.049 min
Response: 820763
Conc: 2.32 ng/ml



#40 AR-1262-5

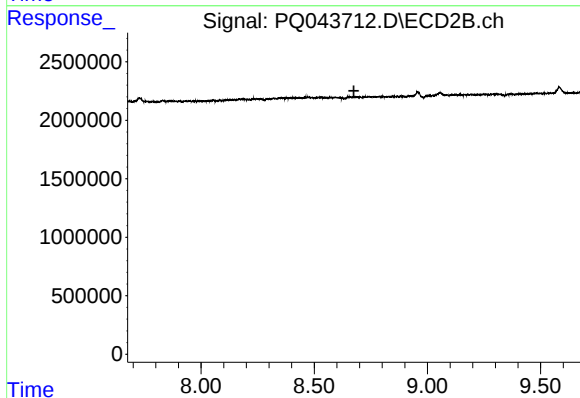
R.T.: 0.000 min
Exp R.T. : 9.262 min
Response: 0
Conc: N.D.



#41 AR-1268-1

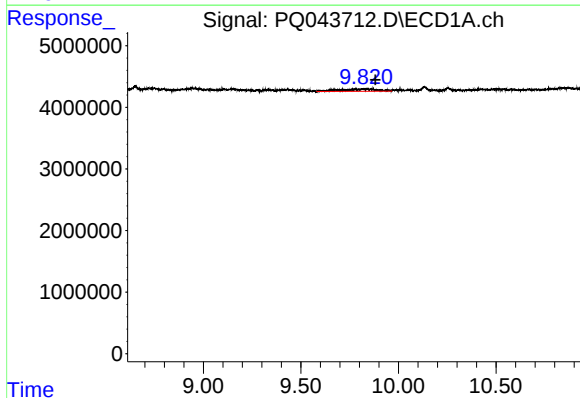
R.T.: 9.837 min
Delta R.T.: 0.055 min
Response: 5121150
Conc: 5.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



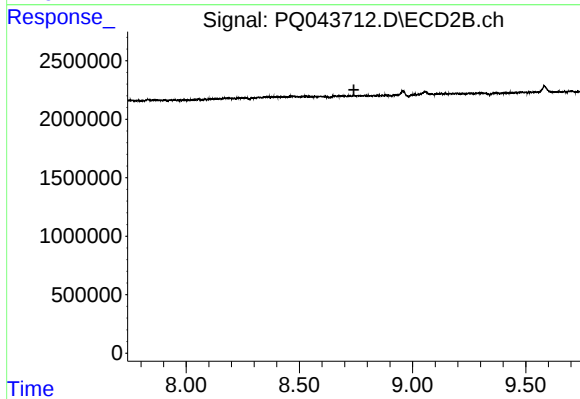
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.675 min
Response: 0
Conc: N.D.



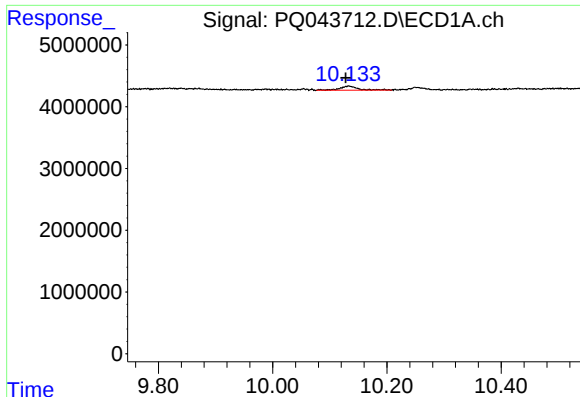
#42 AR-1268-2

R.T.: 9.837 min
Delta R.T.: -0.046 min
Response: 5121150
Conc: 5.40 ng/ml



#42 AR-1268-2

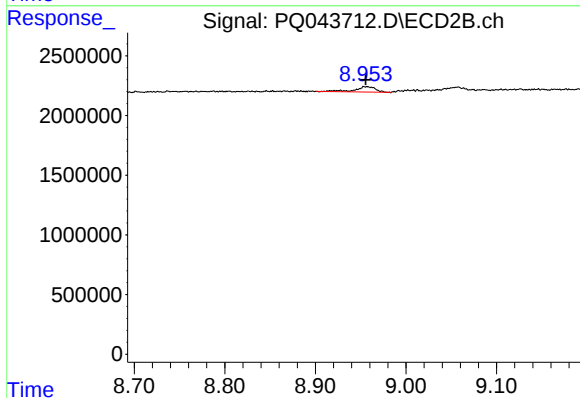
R.T.: 0.000 min
Exp R.T. : 8.741 min
Response: 0
Conc: N.D.



#43 AR-1268-3

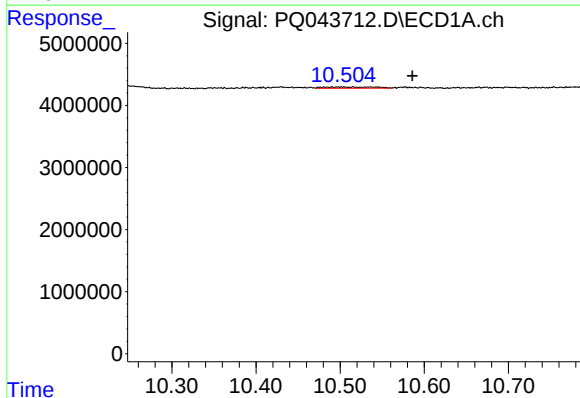
R.T.: 10.133 min
Delta R.T.: 0.005 min
Response: 1593919
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



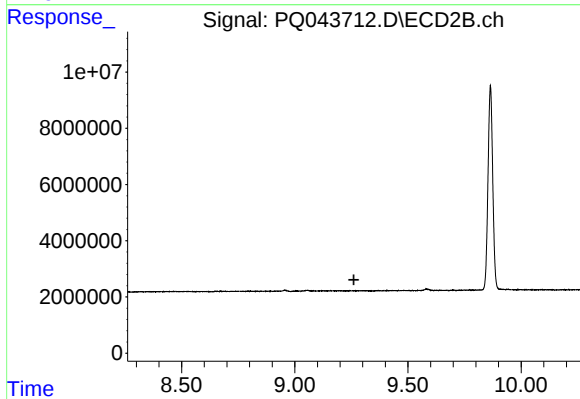
#43 AR-1268-3

R.T.: 8.957 min
Delta R.T.: 0.001 min
Response: 708592
Conc: 2.16 ng/ml



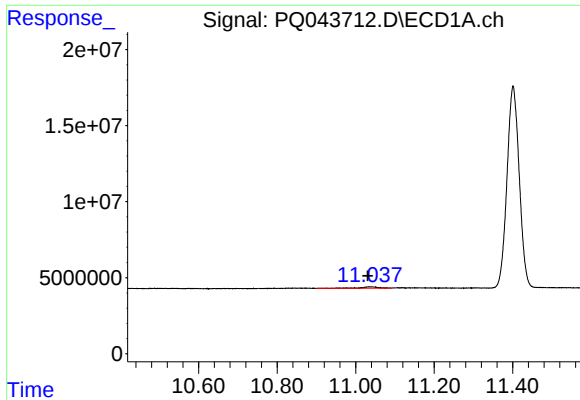
#44 AR-1268-4

R.T.: 10.536 min
Delta R.T.: -0.050 min
Response: 820763
Conc: 1.84 ng/ml



#44 AR-1268-4

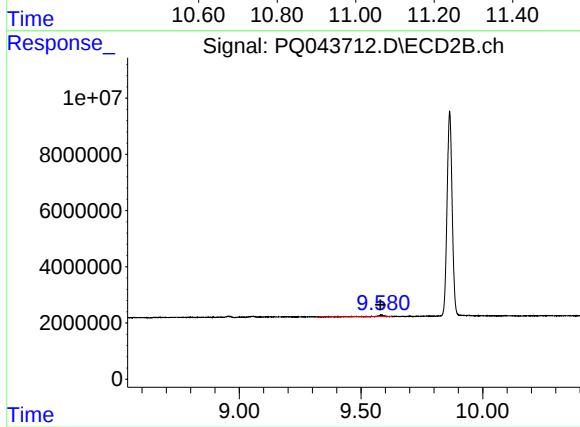
R.T.: 0.000 min
Exp R.T.: 9.261 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.038 min
Delta R.T.: 0.007 min
Response: 3122198
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1242-S-2



#45 AR-1268-5

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 824638
Conc: 0.62 ng/ml