

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
 Data File : PQ043703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 12:08
 Operator : SM\AJ
 Sample : MDL-AR1232-W-4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleID :
 MDL-AR1232-W-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 14:52:20 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	4.410	20551759	10998187	9.608	11.998
2)	SA Decachlor...	11.401	9.865	266.0E6	100.4E6	33.940	32.869
Target Compounds							
3)	L1 AR-1016-1	6.547	5.711	1331843	1429373	13.621	37.671 #
4)	L1 AR-1016-2	6.570	5.711	1912339	1429373	13.457	27.373 #
5)	L1 AR-1016-3	6.637	5.910	1108111	478583	12.870	17.017 #
6)	L1 AR-1016-4	6.743	5.958	1018904	526523	13.925	22.439 #
7)	L1 AR-1016-5	7.061	6.192	1010385	583040	13.037	18.219 #
10)	L2 AR-1221-3	5.663	4.867	1257718	761984	20.871	27.828 #
11)	L3 AR-1232-1	5.663	4.867	1257718	761984	24.692	32.090 #
12)	L3 AR-1232-2	6.253	5.711	722874	1429373	25.551	58.556 #
13)	L3 AR-1232-3	6.570	5.910	1912339	478583	30.286	37.738
14)	L3 AR-1232-4	6.743	6.003	1018904	1089120	31.187	97.448 #
15)	L3 AR-1232-5	6.842	6.192	801362	583040	32.138	43.214 #
16)	L4 AR-1242-1	6.547	5.711	1331843	1429373	15.919	43.629 #
17)	L4 AR-1242-2	6.570	5.711	1912339	1429373	15.741	31.401 #
18)	L4 AR-1242-3	6.637	5.910	1108111	478583	15.074	19.745 #
19)	L4 AR-1242-4	6.743	6.003	1018904	1089120	16.177	44.744 #
20)	L4 AR-1242-5	7.527	6.574	2182813	702336	23.848	20.019
21)	L5 AR-1248-1	6.547	5.711	1331843	1429373	18.897	51.802 #
22)	L5 AR-1248-2	6.842	5.958	801362	526523	7.888	13.987 #
23)	L5 AR-1248-3	7.061	6.003	1010385	1089120	8.388	28.312 #
24)	L5 AR-1248-4	7.488	6.192	1729179	583040	10.810	12.387
25)	L5 AR-1248-5	7.527	6.618	2182813	1066071	13.983	20.247 #
26)	L6 AR-1254-1	7.459	6.574	1634408	702336	9.798	8.091
27)	L6 AR-1254-2	7.692	0.000	1678540	0	5.795	N.D. #
28)	L6 AR-1254-3	8.078	7.161	1511339	601699	4.478	4.315
29)	L6 AR-1254-4	8.366	0.000	2100006	0	7.178	N.D. #
30)	L6 AR-1254-5	8.795	0.000	1960323	0	5.328	N.D. #
31)	L7 AR-1260-1	8.257	0.000	1113748	0	5.852	N.D. #
32)	L7 AR-1260-2	8.500	0.000	1130815	0	4.627	N.D. #
35)	L7 AR-1260-5	9.454	0.000	758414	0	1.340	N.D. #
37)	L8 AR-1262-2	9.454	0.000	758414	0	1.038	N.D. #
38)	L8 AR-1262-3	9.737	0.000	628164	0	1.176	N.D. #
39)	L8 AR-1262-4	9.945	0.000	645039	0	1.578	N.D. #
40)	L8 AR-1262-5	0.000	9.223	0	3783577	N.D.	25.160 #
41)	L9 AR-1268-1	9.737	0.000	628164	0	0.635	N.D. #
42)	L9 AR-1268-2	9.945	0.000	645039	0	0.680	N.D. #
43)	L9 AR-1268-3	10.133	8.957	1661229	5669088	2.092	17.252 #
44)	L9 AR-1268-4	0.000	9.223	0	3783577	N.D.	21.072 #
45)	L9 AR-1268-5	11.037	9.583	4060330	3691086	1.217	2.768 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
Data File : PQ043703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2019 12:08
Operator : SM\AJ
Sample : MDL-AR1232-W-4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 14:52:20 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
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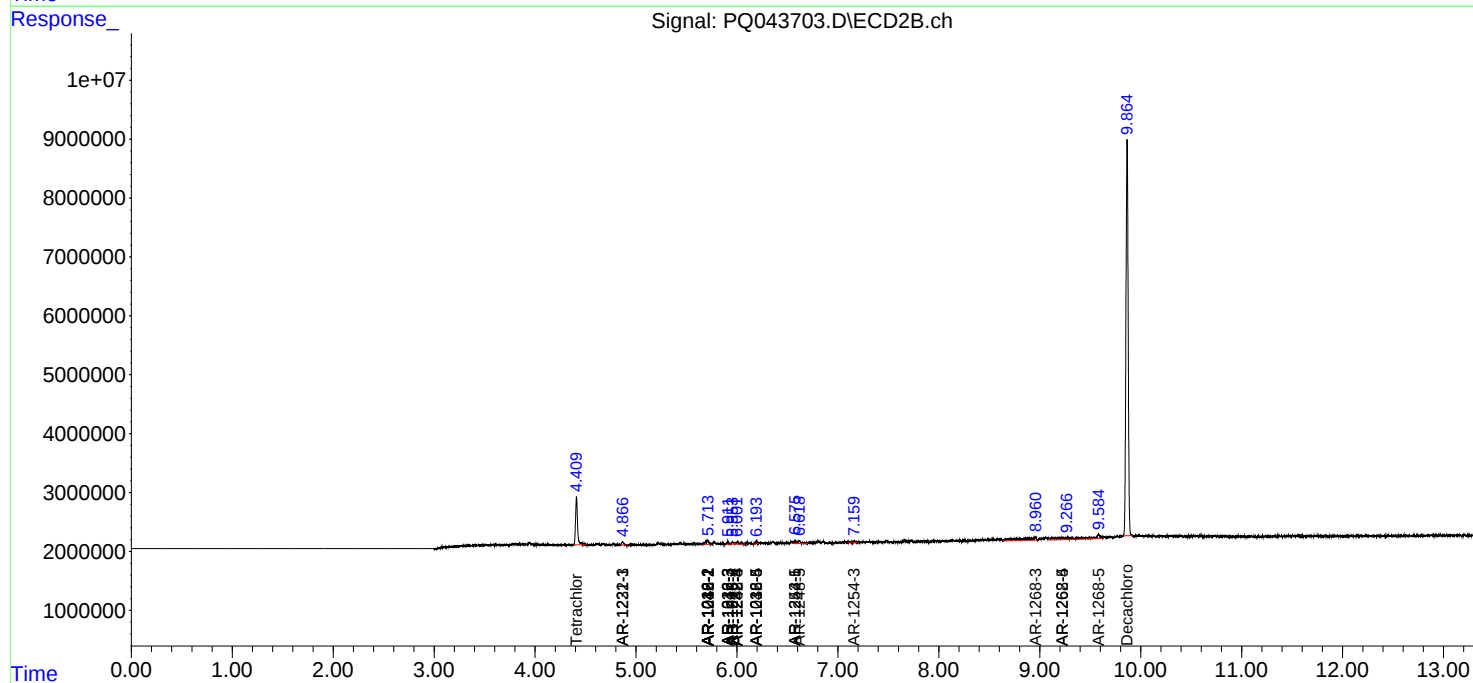
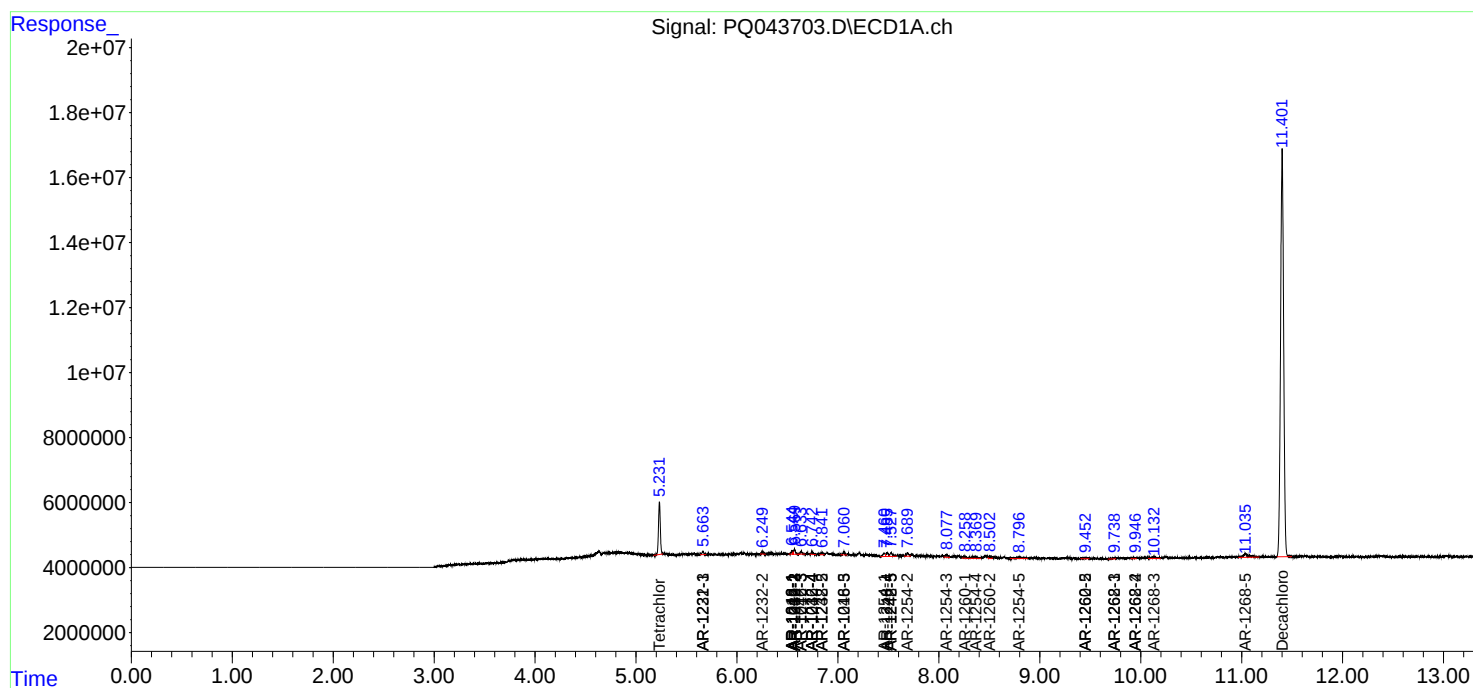
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

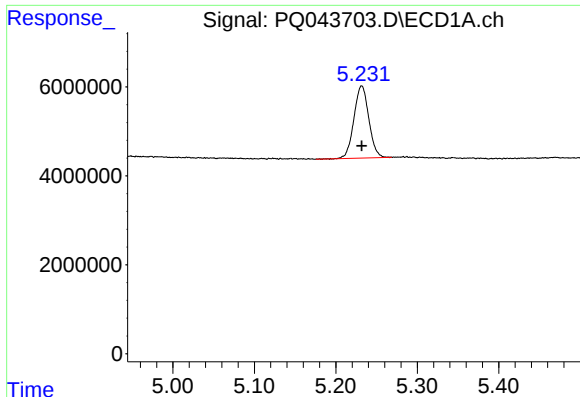
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
Data File : PQ043703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2019 12:08
Operator : SM\AJ
Sample : MDL-AR1232-W-4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4

Integration File signal 1: autoint1.e
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Quant Time: Sep 20 14:52:20 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

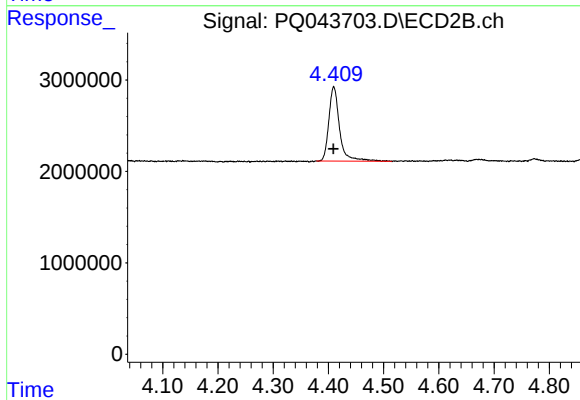




#1 Tetrachloro-m-xylene

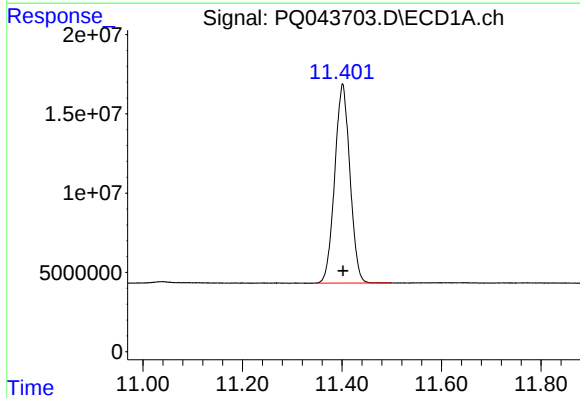
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 20551759
Conc: 9.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



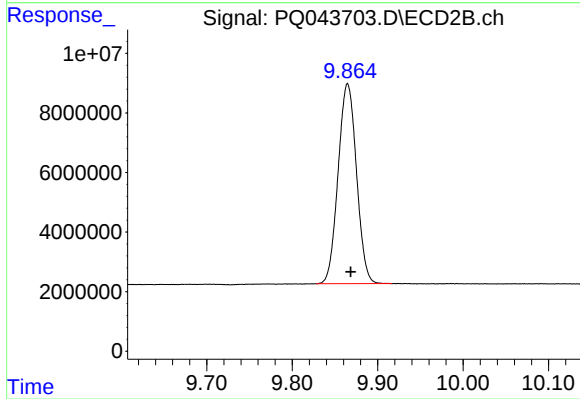
#1 Tetrachloro-m-xylene

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 10998187
Conc: 12.00 ng/ml



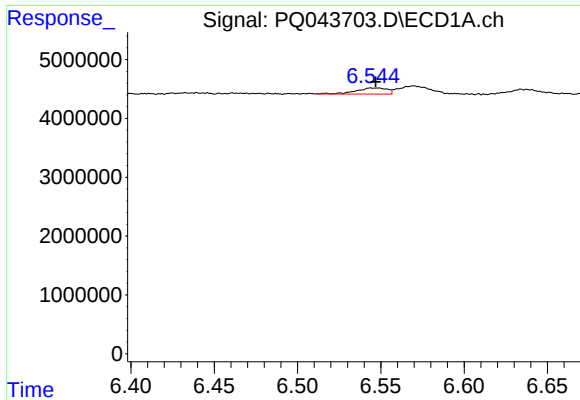
#2 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: -0.001 min
Response: 265992695
Conc: 33.94 ng/ml



#2 Decachlorobiphenyl

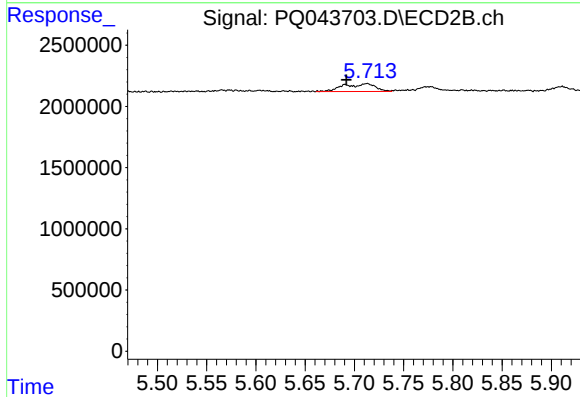
R.T.: 9.865 min
Delta R.T.: -0.004 min
Response: 100424825
Conc: 32.87 ng/ml



#3 AR-1016-1

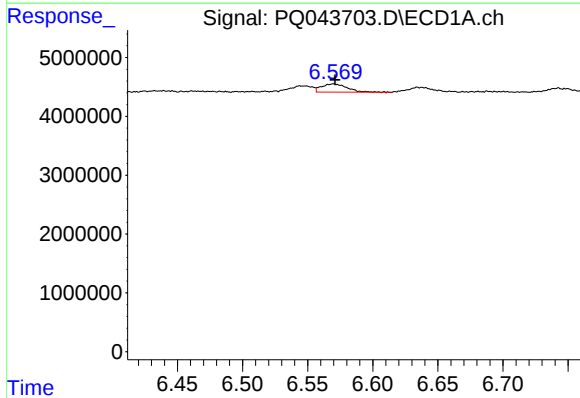
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1331843
Conc: 13.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



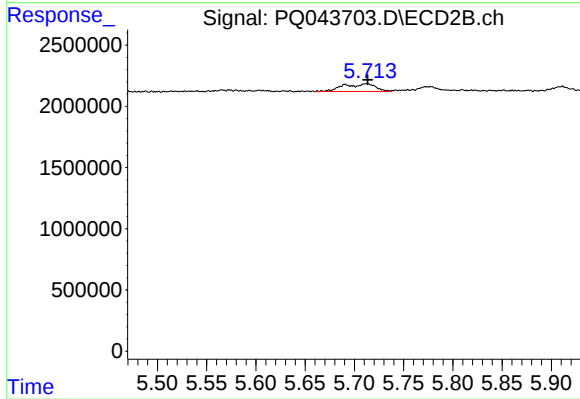
#3 AR-1016-1

R.T.: 5.711 min
Delta R.T.: 0.020 min
Response: 1429373
Conc: 37.67 ng/ml



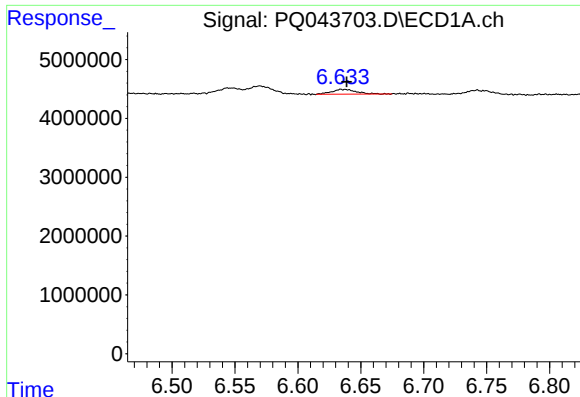
#4 AR-1016-2

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 1912339
Conc: 13.46 ng/ml



#4 AR-1016-2

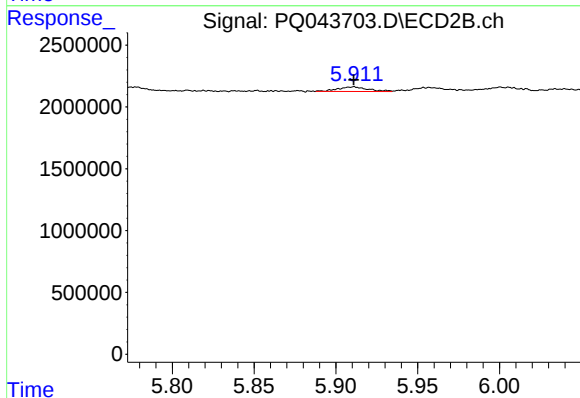
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1429373
Conc: 27.37 ng/ml



#5 AR-1016-3

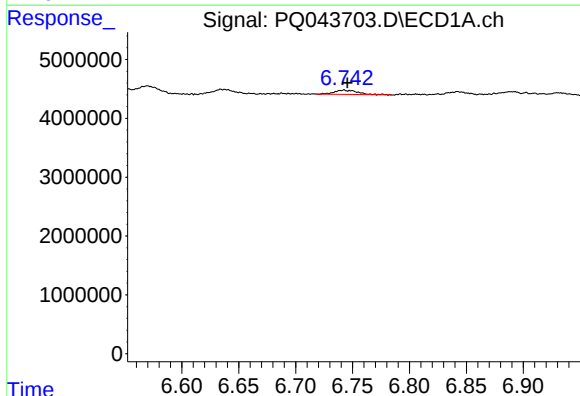
R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 1108111
Conc: 12.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



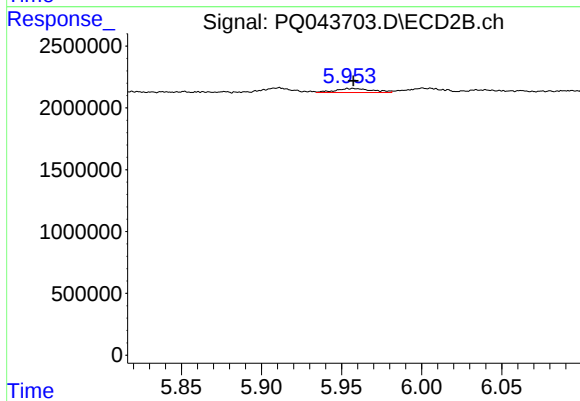
#5 AR-1016-3

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 478583
Conc: 17.02 ng/ml



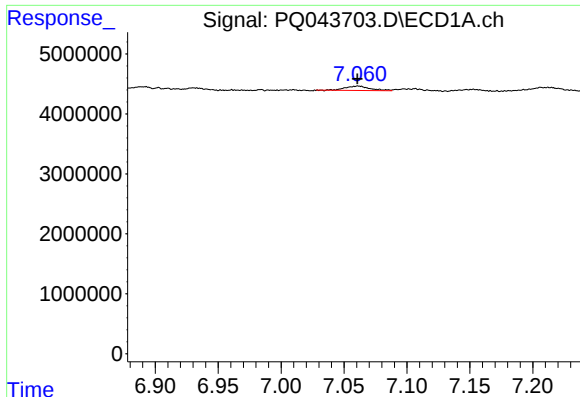
#6 AR-1016-4

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 1018904
Conc: 13.92 ng/ml



#6 AR-1016-4

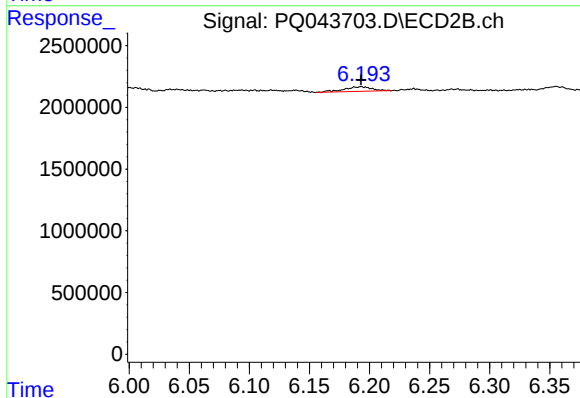
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 526523
Conc: 22.44 ng/ml



#7 AR-1016-5

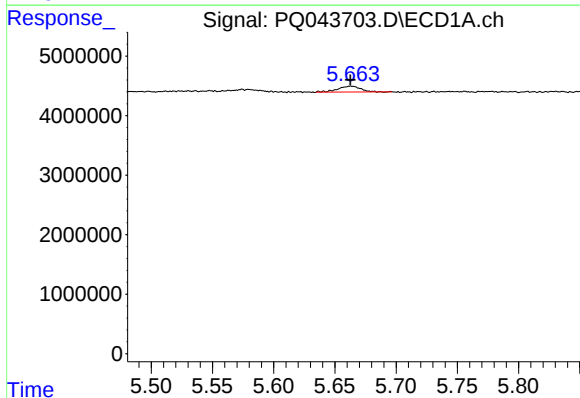
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 1010385
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



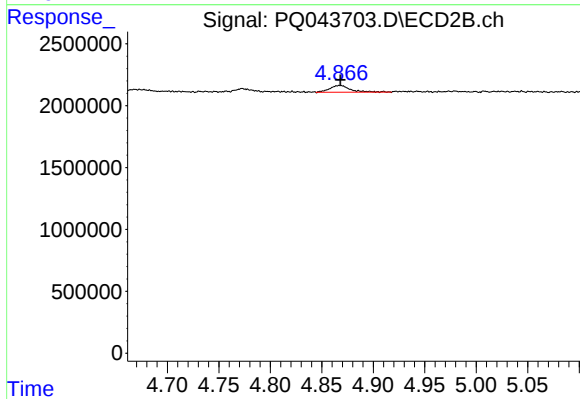
#7 AR-1016-5

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 583040
Conc: 18.22 ng/ml



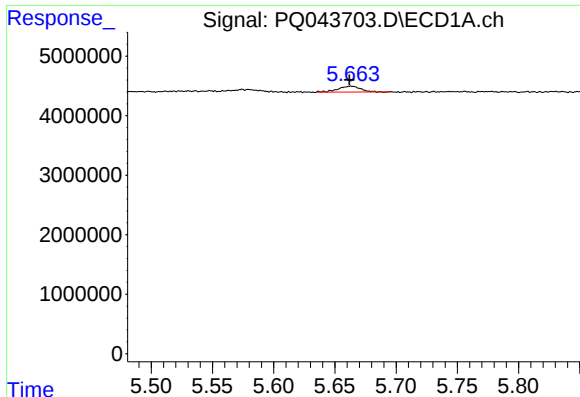
#10 AR-1221-3

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 1257718
Conc: 20.87 ng/ml



#10 AR-1221-3

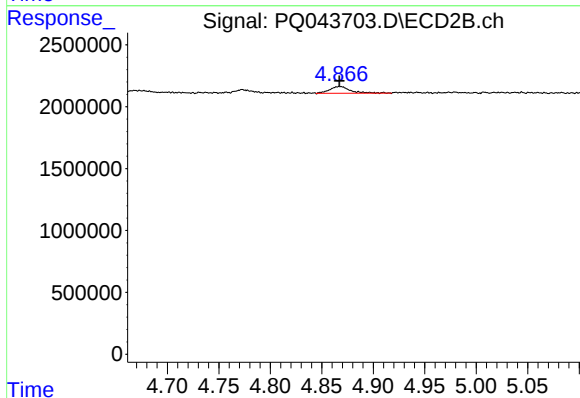
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 761984
Conc: 27.83 ng/ml



#11 AR-1232-1

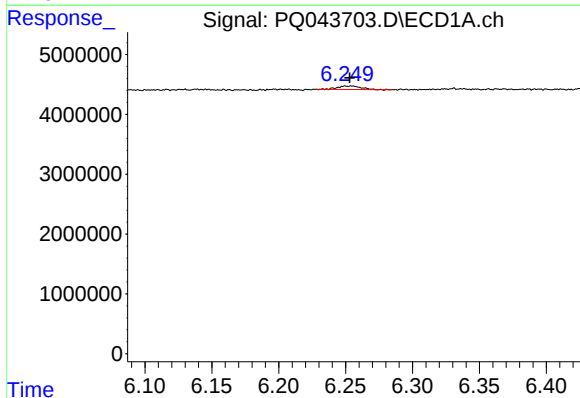
R.T.: 5.663 min
Delta R.T.: 0.001 min
Response: 1257718
Conc: 24.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



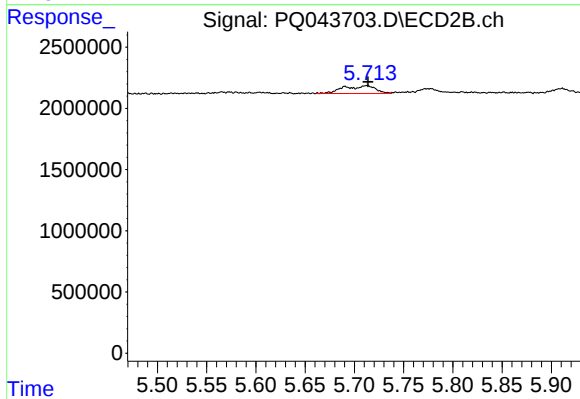
#11 AR-1232-1

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 761984
Conc: 32.09 ng/ml



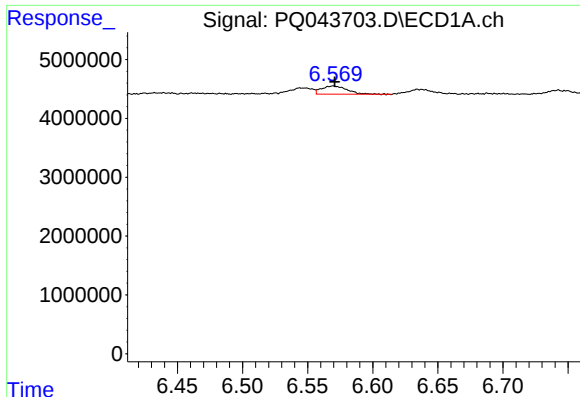
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 722874
Conc: 25.55 ng/ml



#12 AR-1232-2

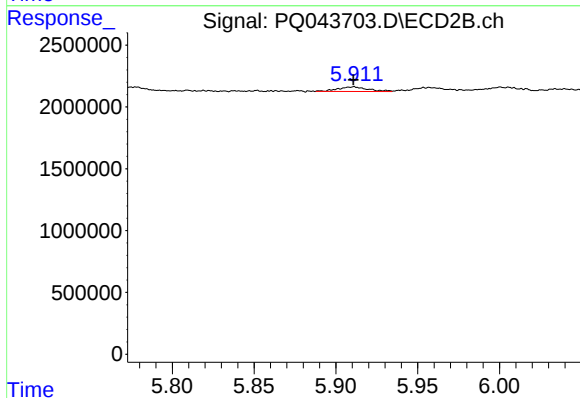
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1429373
Conc: 58.56 ng/ml



#13 AR-1232-3

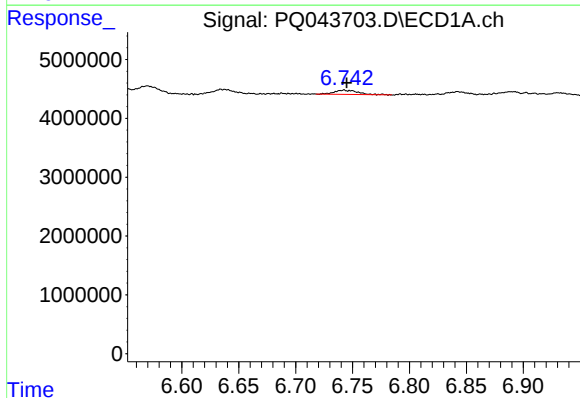
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 1912339
Conc: 30.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



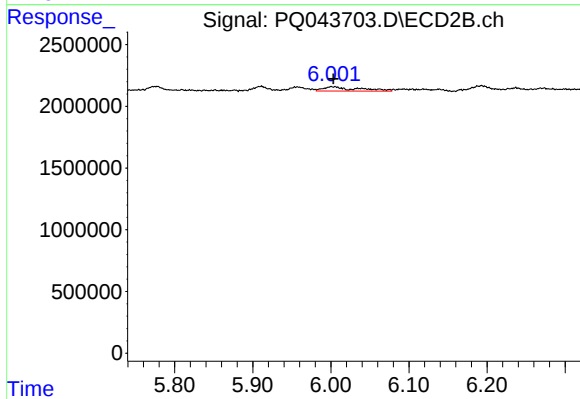
#13 AR-1232-3

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 478583
Conc: 37.74 ng/ml



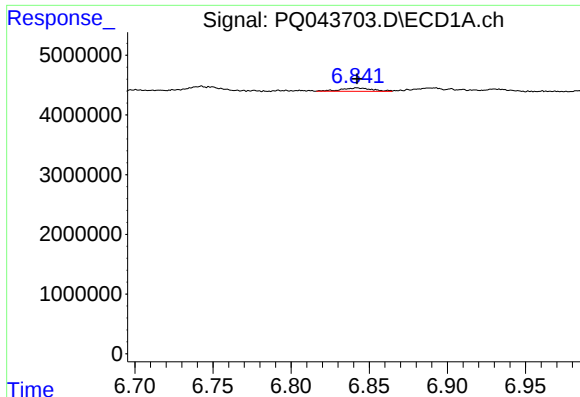
#14 AR-1232-4

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 1018904
Conc: 31.19 ng/ml



#14 AR-1232-4

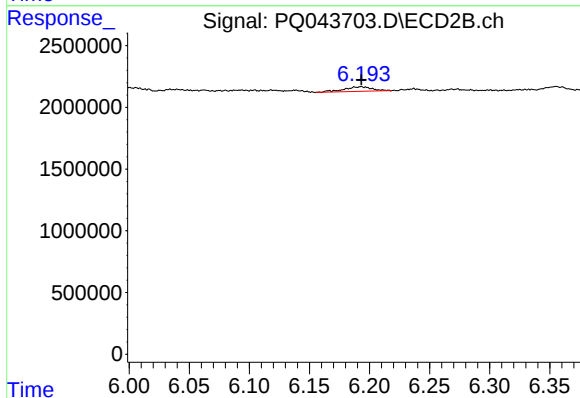
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 1089120
Conc: 97.45 ng/ml



#15 AR-1232-5

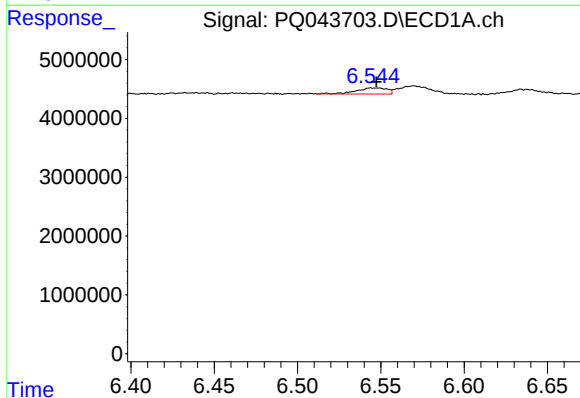
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 801362
Conc: 32.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



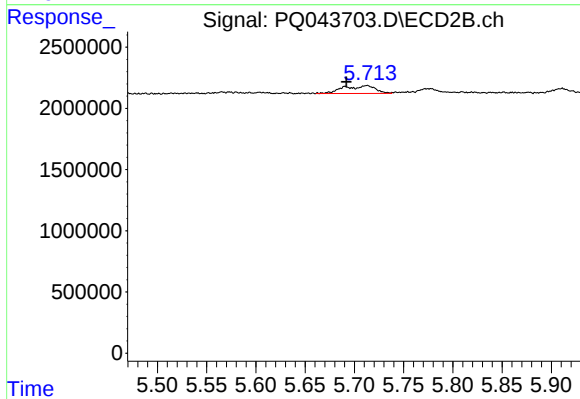
#15 AR-1232-5

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 583040
Conc: 43.21 ng/ml



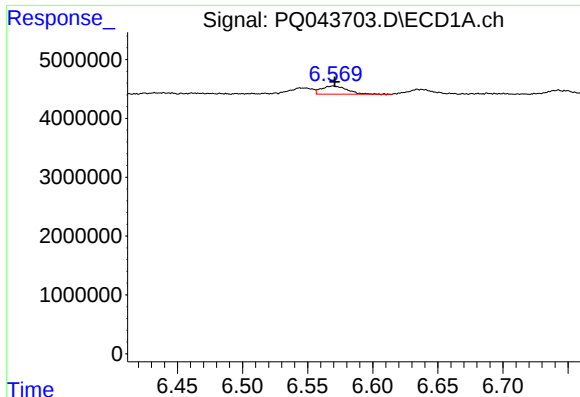
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1331843
Conc: 15.92 ng/ml



#16 AR-1242-1

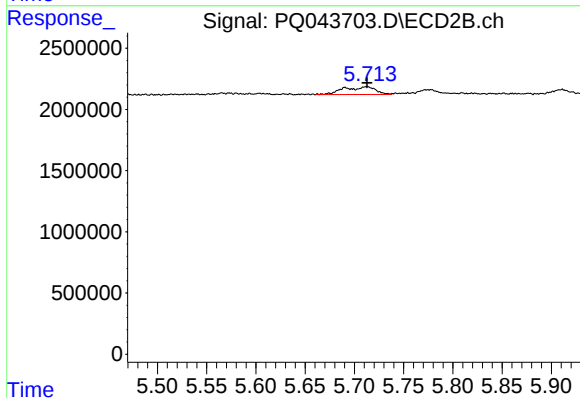
R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 1429373
Conc: 43.63 ng/ml



#17 AR-1242-2

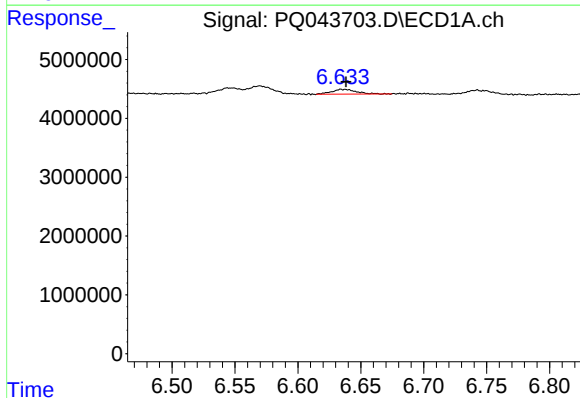
R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 1912339
Conc: 15.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



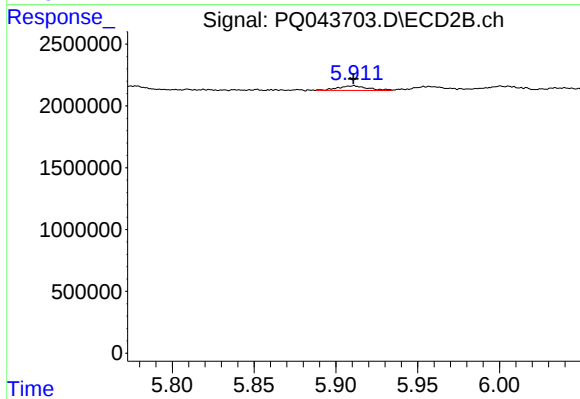
#17 AR-1242-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1429373
Conc: 31.40 ng/ml



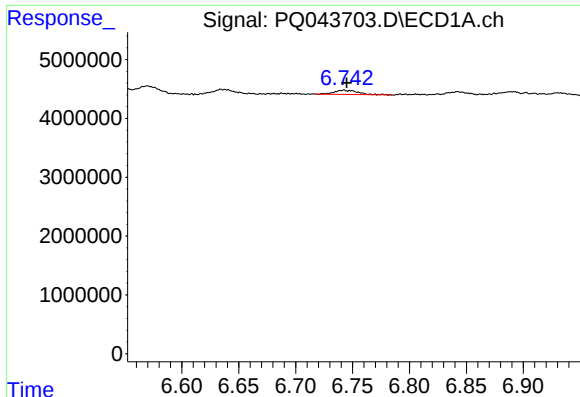
#18 AR-1242-3

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 1108111
Conc: 15.07 ng/ml



#18 AR-1242-3

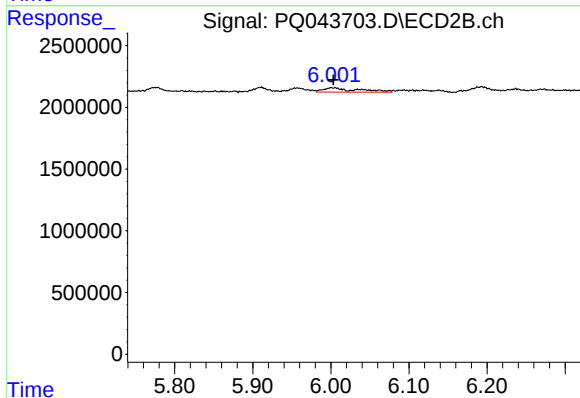
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 478583
Conc: 19.75 ng/ml



#19 AR-1242-4

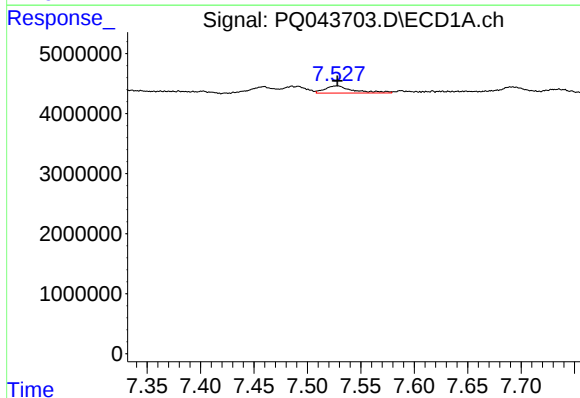
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 1018904
Conc: 16.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



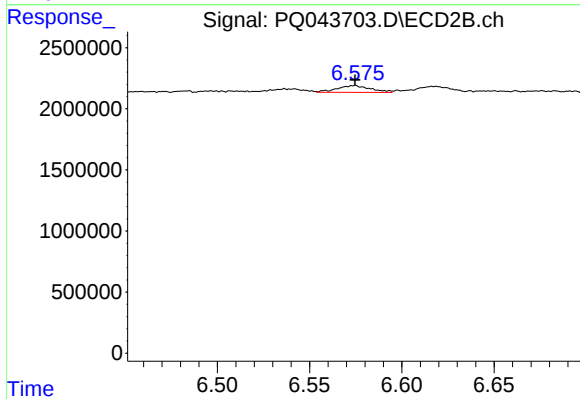
#19 AR-1242-4

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 1089120
Conc: 44.74 ng/ml



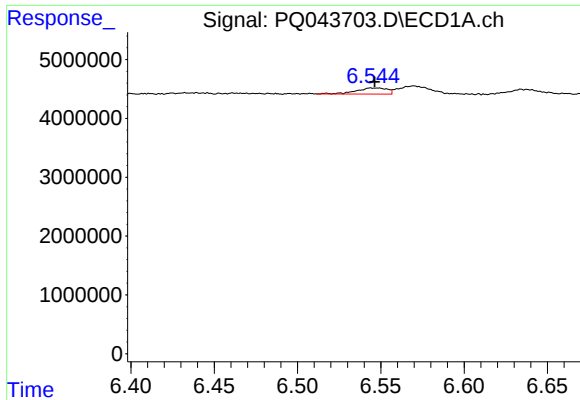
#20 AR-1242-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 2182813
Conc: 23.85 ng/ml



#20 AR-1242-5

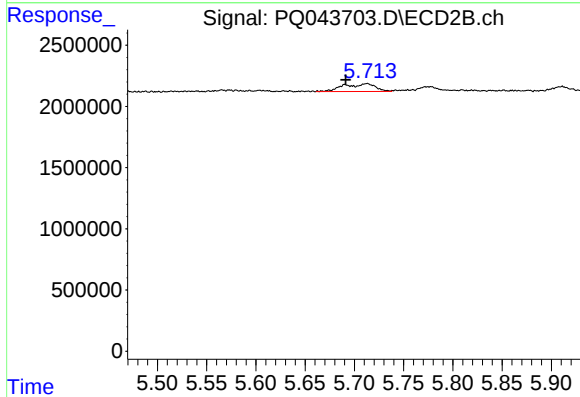
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 702336
Conc: 20.02 ng/ml



#21 AR-1248-1

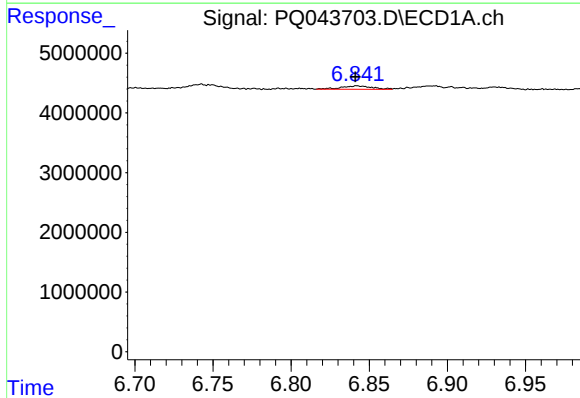
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1331843
Conc: 18.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



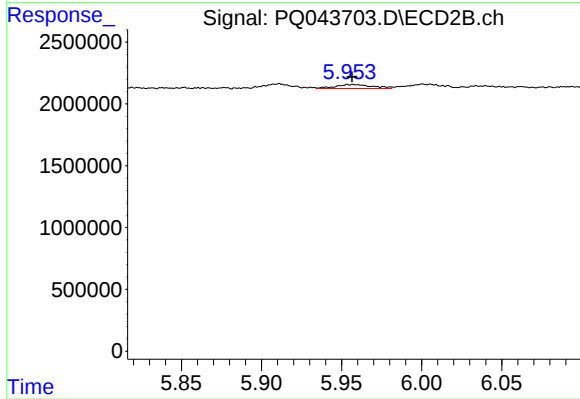
#21 AR-1248-1

R.T.: 5.711 min
Delta R.T.: 0.020 min
Response: 1429373
Conc: 51.80 ng/ml



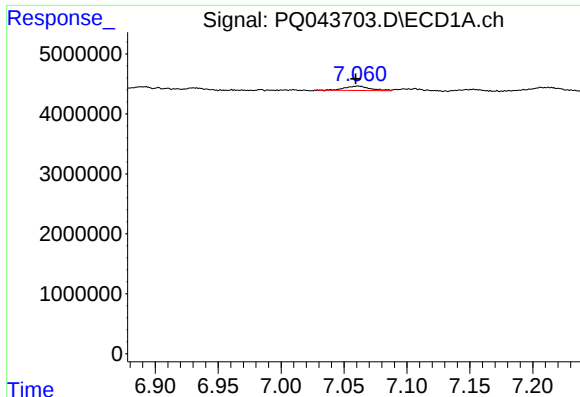
#22 AR-1248-2

R.T.: 6.842 min
Delta R.T.: 0.001 min
Response: 801362
Conc: 7.89 ng/ml



#22 AR-1248-2

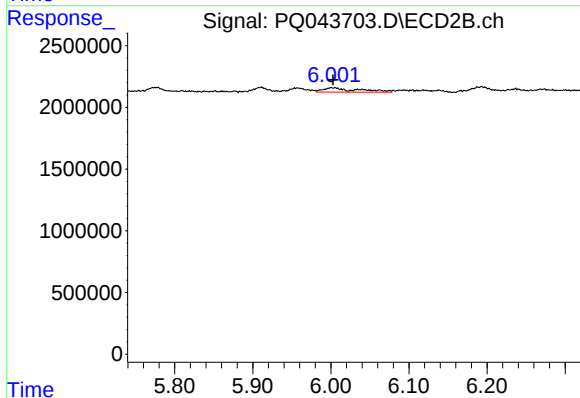
R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 526523
Conc: 13.99 ng/ml



#23 AR-1248-3

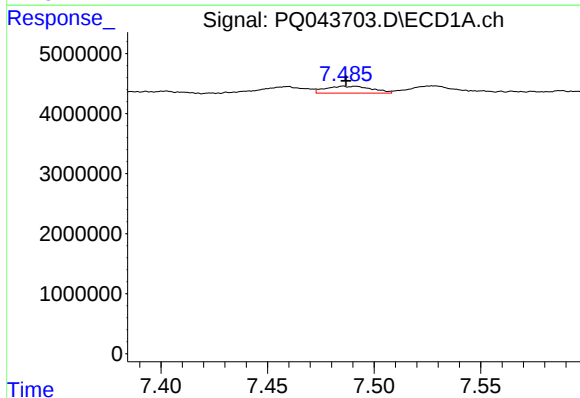
R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 1010385
Conc: 8.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



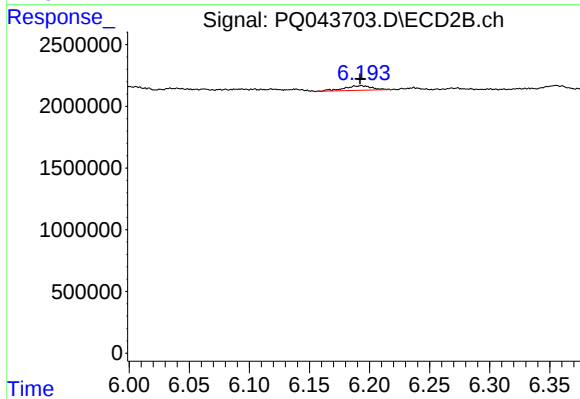
#23 AR-1248-3

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 1089120
Conc: 28.31 ng/ml



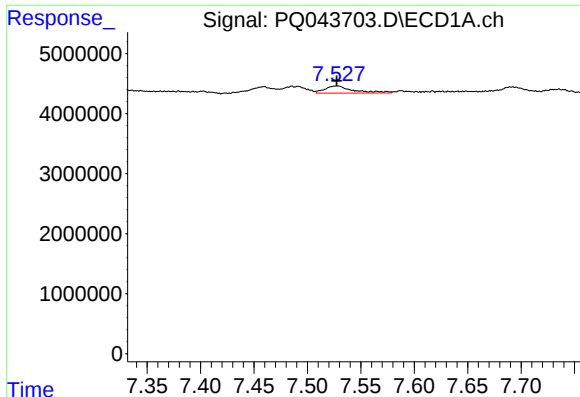
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.001 min
Response: 1729179
Conc: 10.81 ng/ml



#24 AR-1248-4

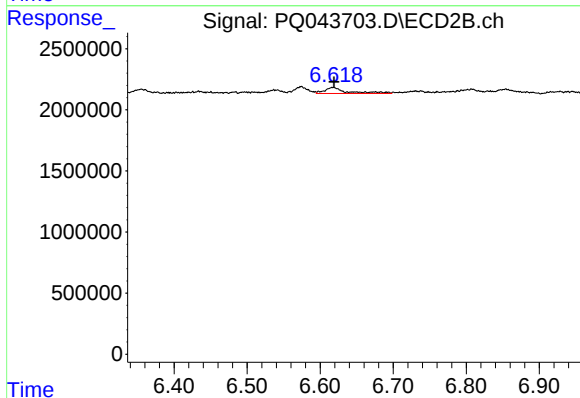
R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 583040
Conc: 12.39 ng/ml



#25 AR-1248-5

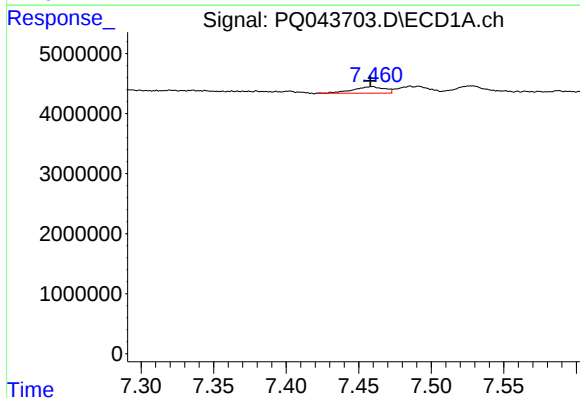
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 2182813
Conc: 13.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



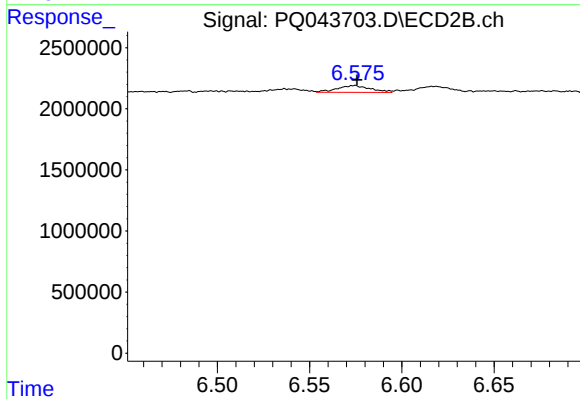
#25 AR-1248-5

R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 1066071
Conc: 20.25 ng/ml



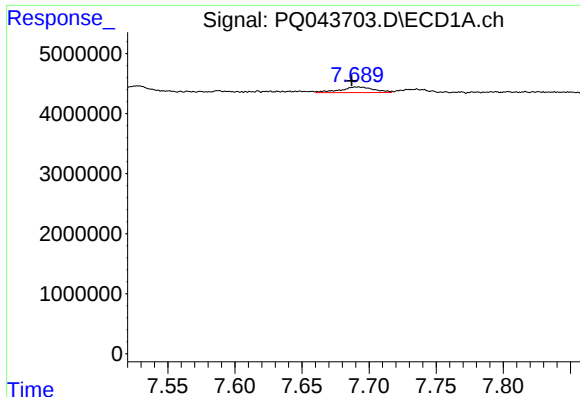
#26 AR-1254-1

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 1634408
Conc: 9.80 ng/ml



#26 AR-1254-1

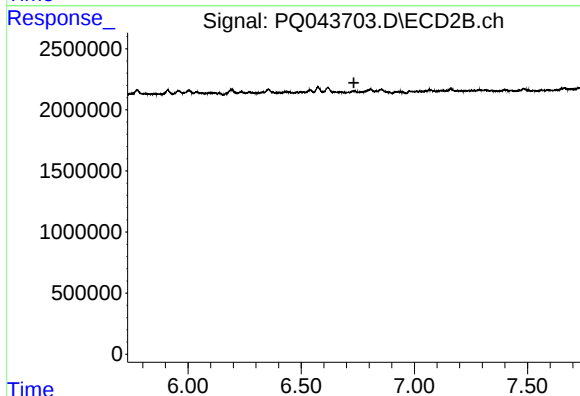
R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 702336
Conc: 8.09 ng/ml



#27 AR-1254-2

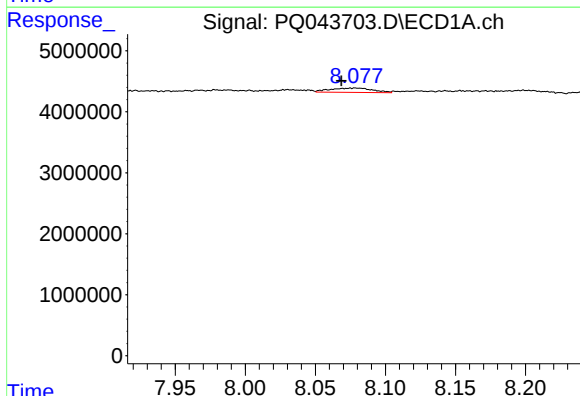
R.T.: 7.692 min
Delta R.T.: 0.005 min
Response: 1678540
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



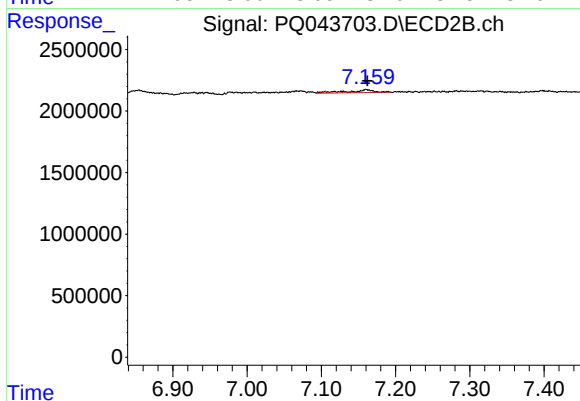
#27 AR-1254-2

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



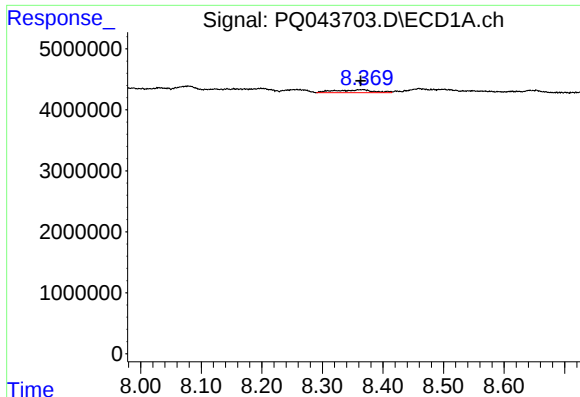
#28 AR-1254-3

R.T.: 8.078 min
Delta R.T.: 0.009 min
Response: 1511339
Conc: 4.48 ng/ml



#28 AR-1254-3

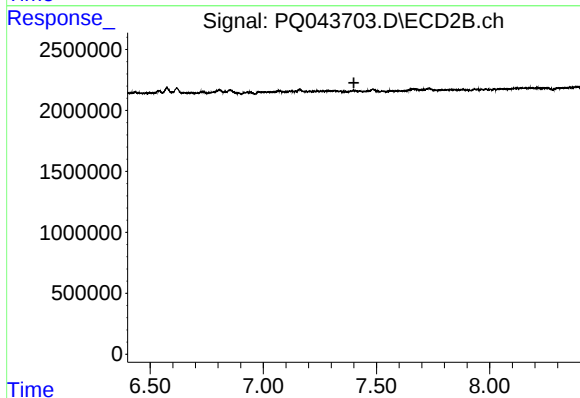
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 601699
Conc: 4.31 ng/ml



#29 AR-1254-4

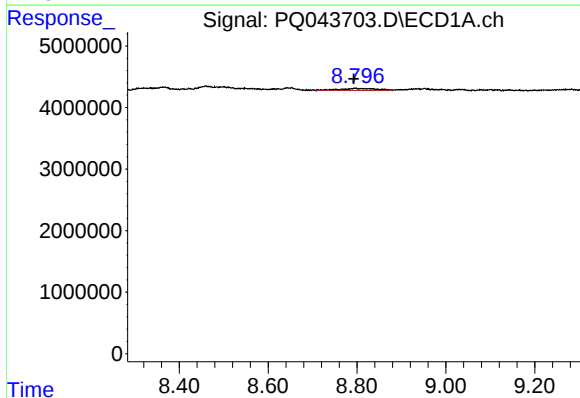
R.T.: 8.366 min
Delta R.T.: 0.003 min
Response: 2100006
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



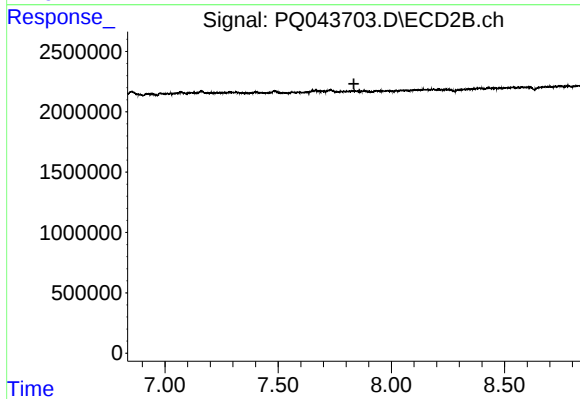
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.400 min
Response: 0
Conc: N.D.



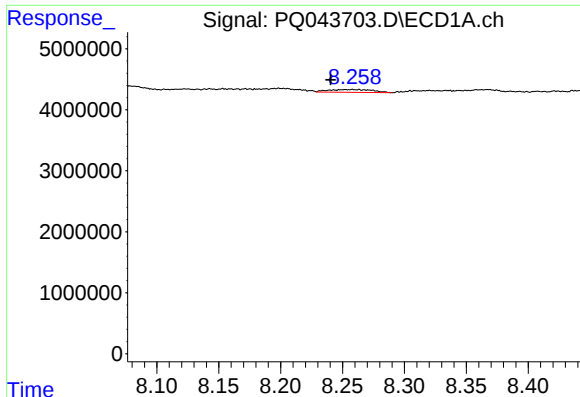
#30 AR-1254-5

R.T.: 8.795 min
Delta R.T.: 0.001 min
Response: 1960323
Conc: 5.33 ng/ml



#30 AR-1254-5

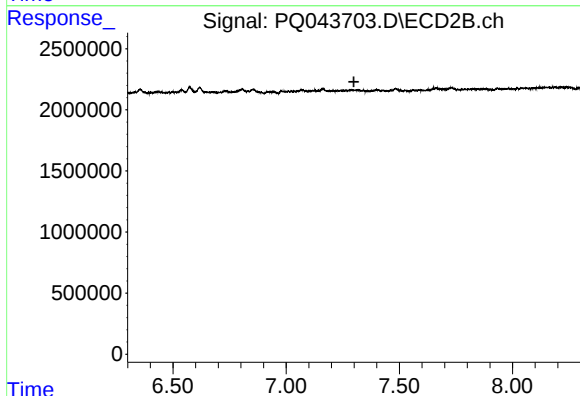
R.T.: 0.000 min
Exp R.T. : 7.835 min
Response: 0
Conc: N.D.



#31 AR-1260-1

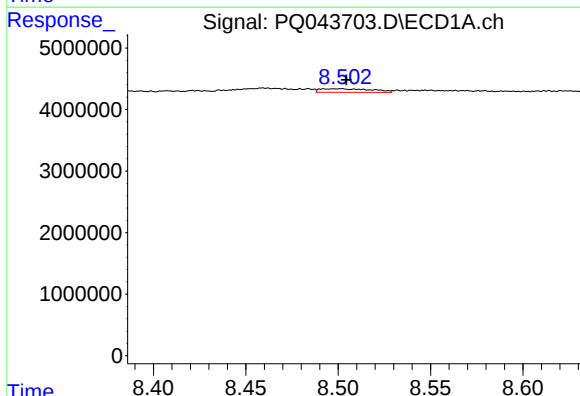
R.T.: 8.257 min
Delta R.T.: 0.016 min
Response: 1113748
Conc: 5.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



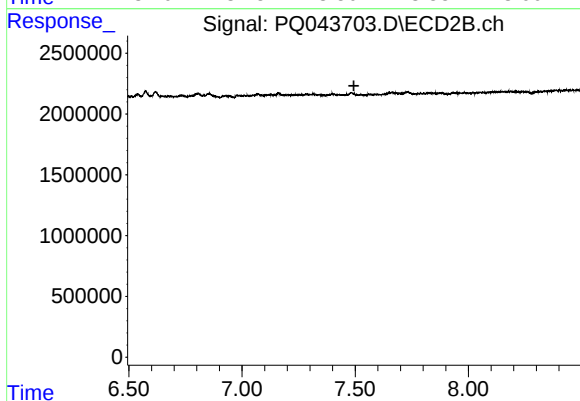
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.299 min
Response: 0
Conc: N.D.



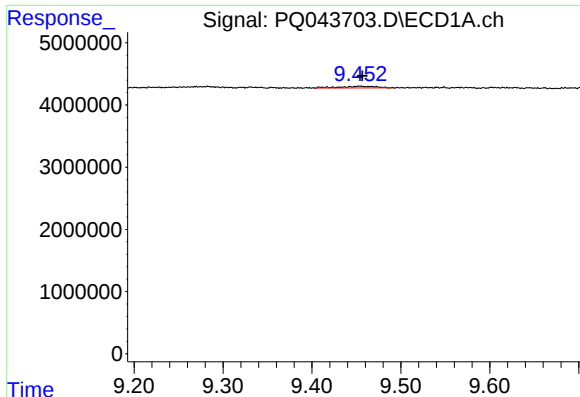
#32 AR-1260-2

R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 1130815
Conc: 4.63 ng/ml



#32 AR-1260-2

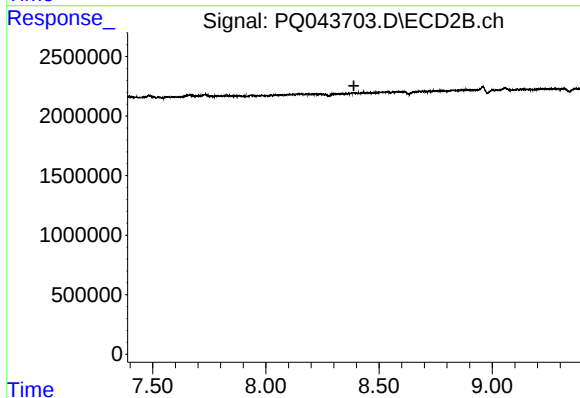
R.T.: 0.000 min
Exp R.T. : 7.494 min
Response: 0
Conc: N.D.



#35 AR-1260-5

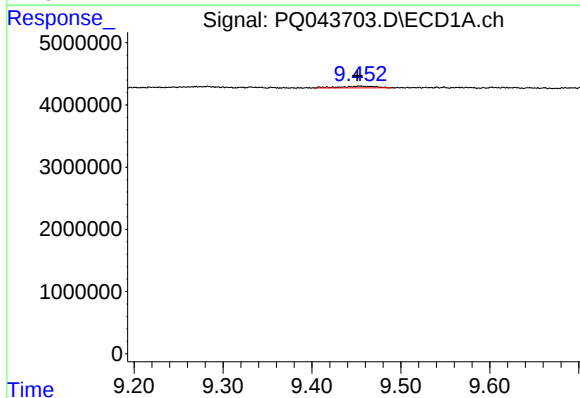
R.T.: 9.454 min
Delta R.T.: -0.003 min
Response: 758414
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



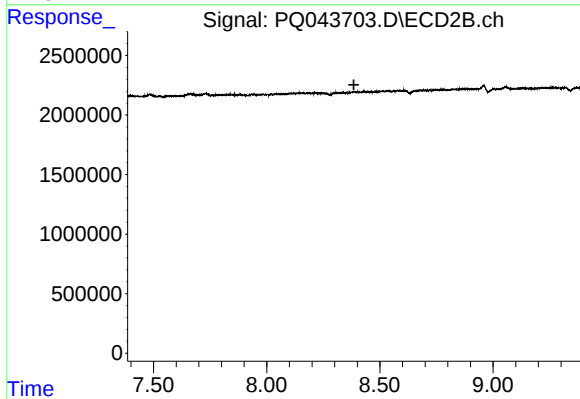
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.389 min
Response: 0
Conc: N.D.



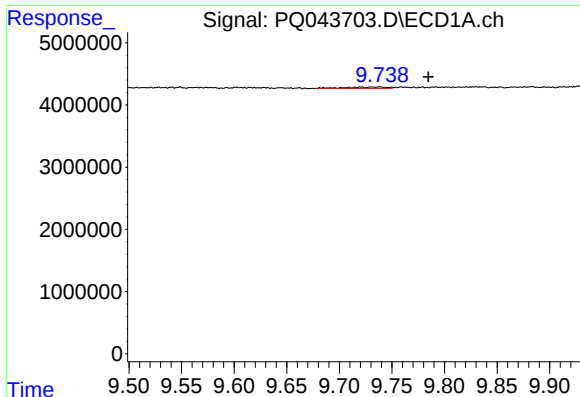
#37 AR-1262-2

R.T.: 9.454 min
Delta R.T.: 0.003 min
Response: 758414
Conc: 1.04 ng/ml



#37 AR-1262-2

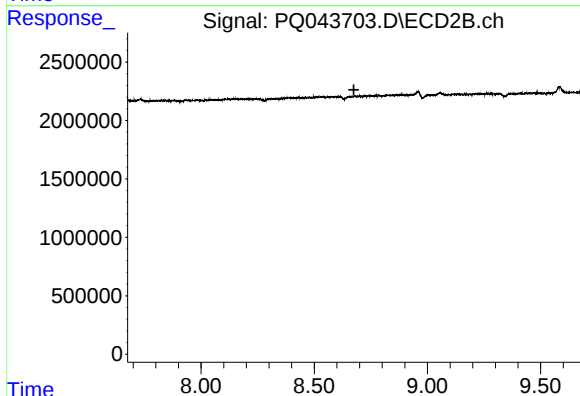
R.T.: 0.000 min
Exp R.T. : 8.385 min
Response: 0
Conc: N.D.



#38 AR-1262-3

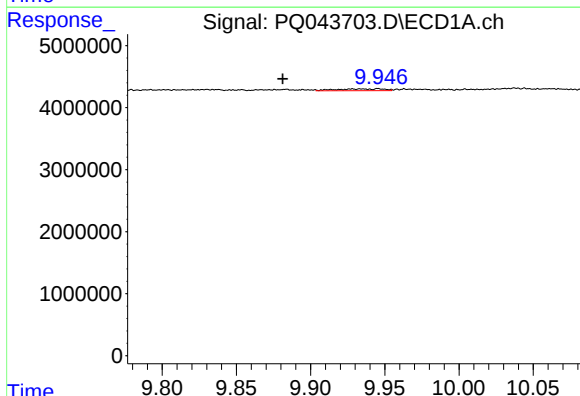
R.T.: 9.737 min
Delta R.T.: -0.048 min
Response: 628164
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



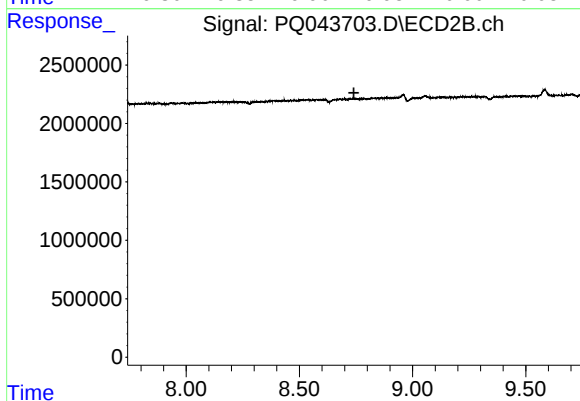
#38 AR-1262-3

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



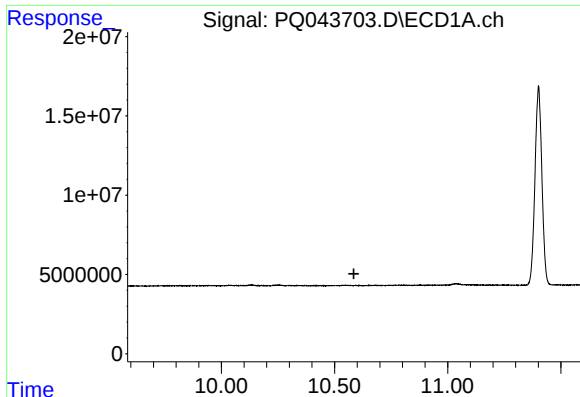
#39 AR-1262-4

R.T.: 9.945 min
Delta R.T.: 0.064 min
Response: 645039
Conc: 1.58 ng/ml



#39 AR-1262-4

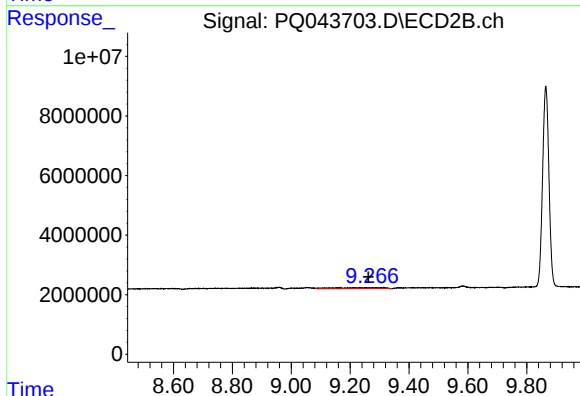
R.T.: 0.000 min
Exp R.T. : 8.741 min
Response: 0
Conc: N.D.



#40 AR-1262-5

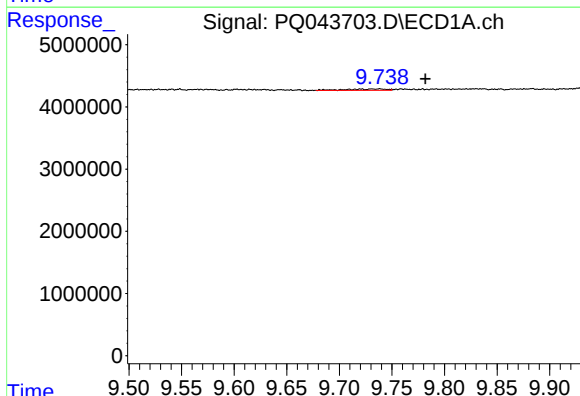
R.T.: 0.000 min
Exp R.T.: 10.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



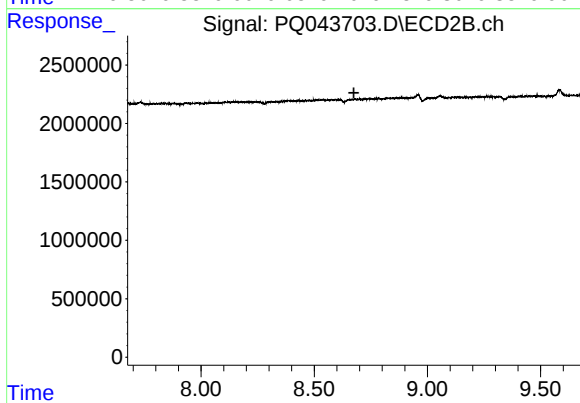
#40 AR-1262-5

R.T.: 9.223 min
Delta R.T.: -0.039 min
Response: 3783577
Conc: 25.16 ng/ml



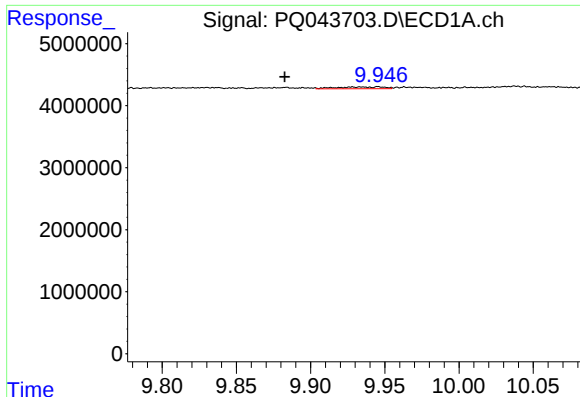
#41 AR-1268-1

R.T.: 9.737 min
Delta R.T.: -0.045 min
Response: 628164
Conc: 0.63 ng/ml



#41 AR-1268-1

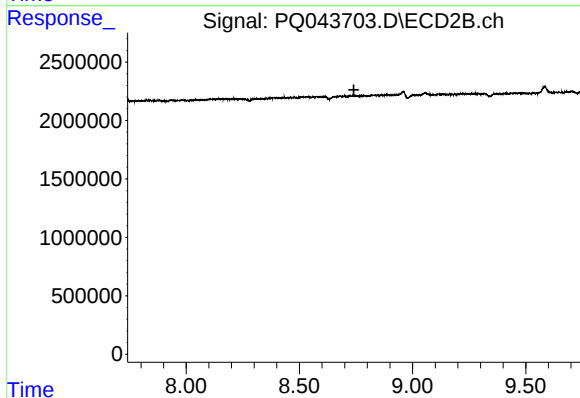
R.T.: 0.000 min
Exp R.T.: 8.675 min
Response: 0
Conc: N.D.



#42 AR-1268-2

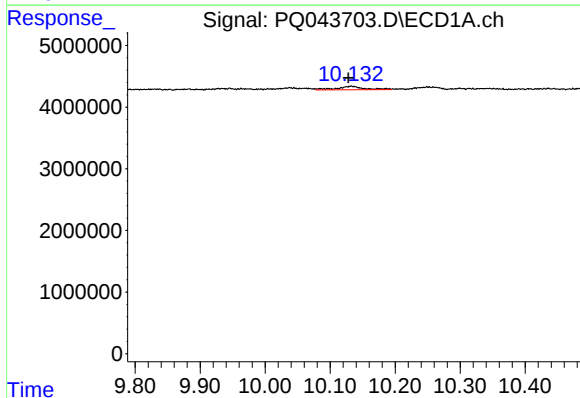
R.T.: 9.945 min
Delta R.T.: 0.063 min
Response: 645039
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



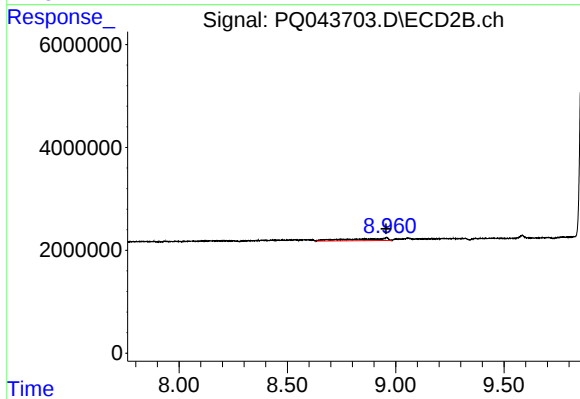
#42 AR-1268-2

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



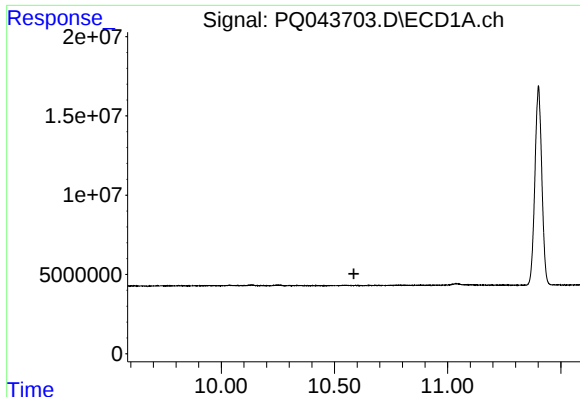
#43 AR-1268-3

R.T.: 10.133 min
Delta R.T.: 0.005 min
Response: 1661229
Conc: 2.09 ng/ml



#43 AR-1268-3

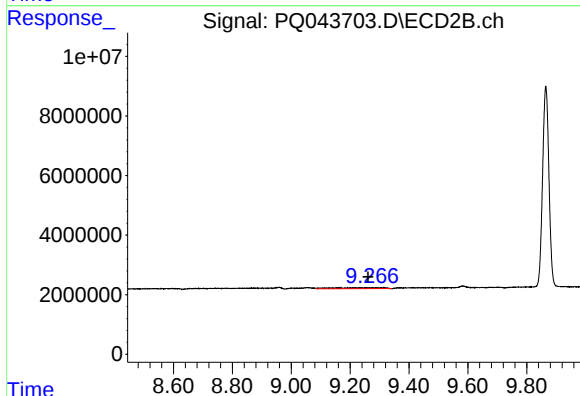
R.T.: 8.957 min
Delta R.T.: 0.001 min
Response: 5669088
Conc: 17.25 ng/ml



#44 AR-1268-4

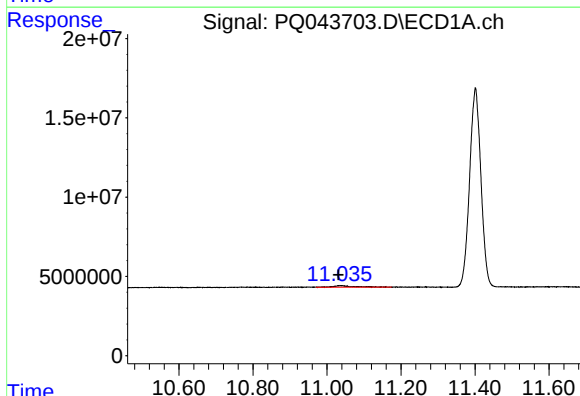
R.T.: 0.000 min
Exp R.T.: 10.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-W-4



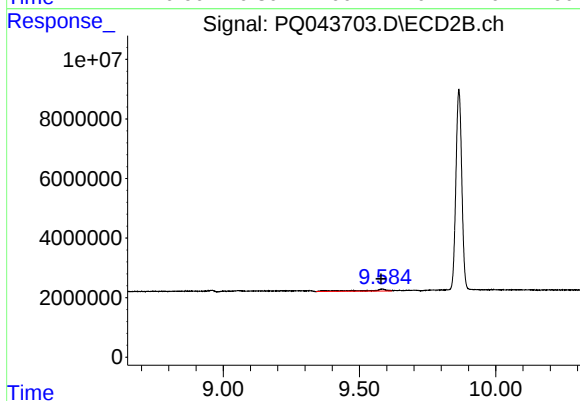
#44 AR-1268-4

R.T.: 9.223 min
Delta R.T.: -0.038 min
Response: 3783577
Conc: 21.07 ng/ml



#45 AR-1268-5

R.T.: 11.037 min
Delta R.T.: 0.006 min
Response: 4060330
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 9.583 min
Delta R.T.: 0.003 min
Response: 3691086
Conc: 2.77 ng/ml