

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 04:11
 Operator : SM\AJ
 Sample : K4456-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 09:35:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.626	4.690	50916174	45957666	17.153	18.338
2)	SA Decachlor...	11.979	10.419	116.0E6	98972703	15.371	16.208
Target Compounds							
3)	L1 AR-1016-1	7.071	6.137	18567	838393	0.153	7.281 #
4)	L1 AR-1016-2	7.071	6.159	18567	767221	0.101	4.779 #
5)	L1 AR-1016-3	0.000	6.428	0	1434671	N.D.	16.732 #
6)	L1 AR-1016-4	0.000	6.428	0	1434671	N.D.	19.868 #
9)	L2 AR-1221-2	6.017	5.105	220728	679927	9.060	28.253 #
12)	L3 AR-1232-2	0.000	6.159	0	767221	N.D.	10.043 #
13)	L3 AR-1232-3	7.071	6.428	18567	1434671	0.222	35.358 #
14)	L3 AR-1232-4	0.000	6.477	0	1102811	N.D.	27.721 #
15)	L3 AR-1232-5	7.389	0.000	559552	0	22.877	N.D. #
16)	L4 AR-1242-1	7.071	6.137	18567	838393	0.178	8.116 #
17)	L4 AR-1242-2	7.071	6.159	18567	767221	0.122	5.414 #
18)	L4 AR-1242-3	0.000	6.428	0	1434671	N.D.	18.956 #
19)	L4 AR-1242-4	0.000	6.477	0	1102811	N.D.	14.402 #
20)	L4 AR-1242-5	8.103	7.090	3165676	5052775	33.551	45.075 #
21)	L5 AR-1248-1	7.071	6.137	18567	838393	0.223	10.199 #
22)	L5 AR-1248-2	7.389	6.428	559552	1434671	5.479	13.023 #
23)	L5 AR-1248-3	0.000	6.477	0	1102811	N.D.	9.786 #
24)	L5 AR-1248-4	8.062	0.000	4531770	0	27.337	N.D. #
25)	L5 AR-1248-5	8.103	7.136	3165676	3055108	19.884	19.407
26)	L6 AR-1254-1	8.033	7.090	2632232	5052775	17.939	22.393
27)	L6 AR-1254-2	8.271	7.258	3431743	1946557	14.306	9.627 #
28)	L6 AR-1254-3	8.664	7.704	5129417	6202943	17.992	17.615
29)	L6 AR-1254-4	8.966	7.953	3593788	4529575	15.072	17.652
30)	L6 AR-1254-5	9.405	8.398	4220763	4912266	16.347	13.519
31)	L7 AR-1260-1	8.836	7.845	288882	3460231	1.639	16.960 #
32)	L7 AR-1260-2	9.105	8.050	4413545	2732975	18.362	10.202 #
33)	L7 AR-1260-3	9.479	8.211	512219	1816208	2.369	7.620 #
34)	L7 AR-1260-4	9.720	8.711	1251035	1140224	5.152	5.029
35)	L7 AR-1260-5	10.059	8.961	381945	2319692	0.643	3.725 #
36)	L8 AR-1262-1	9.539	8.433	56195	2159858	0.390	12.617 #
37)	L8 AR-1262-2	10.059	8.961	381945	2319692	0.508	2.777 #
38)	L8 AR-1262-3	0.000	9.256	0	1403694	N.D.	3.949 #
39)	L8 AR-1262-4	10.469	9.319	129242	1282313	0.297	1.989 #
40)	L8 AR-1262-5	0.000	9.839	0	809833	N.D.	2.560 #
41)	L9 AR-1268-1	0.000	9.256	0	1403694	N.D.	1.398 #
42)	L9 AR-1268-2	10.469	9.319	129242	1282313	0.139	1.366 #
43)	L9 AR-1268-3	0.000	9.522	0	2505354	N.D.	3.145 #
44)	L9 AR-1268-4	0.000	9.839	0	809833	N.D.	2.366 #
45)	L9 AR-1268-5	11.626	10.146	982643	1350318	0.347	0.527 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 04:11
Operator : SM\AJ
Sample : K4456-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

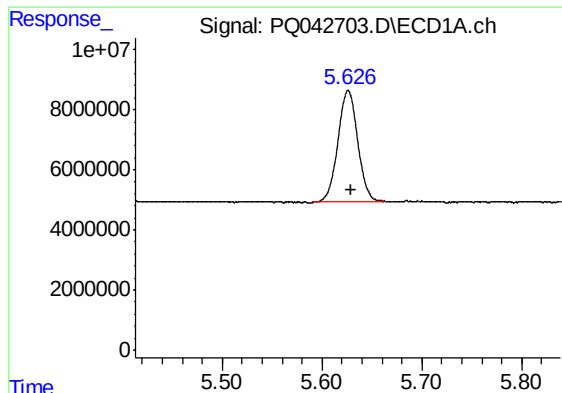
Instrument :
ECD_Q
ClientSampleId :
ETQ28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 09:35:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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
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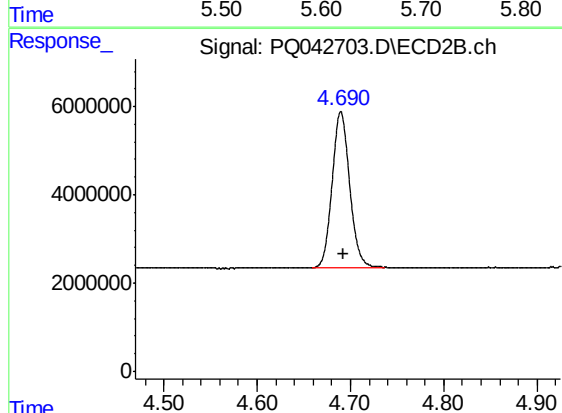
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

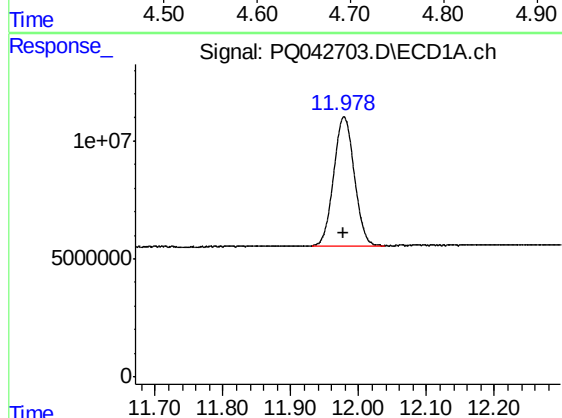
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 50916174
Conc: 17.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



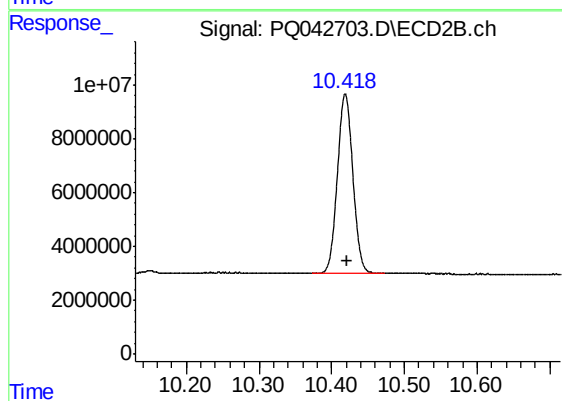
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 45957666
Conc: 18.34 ng/ml



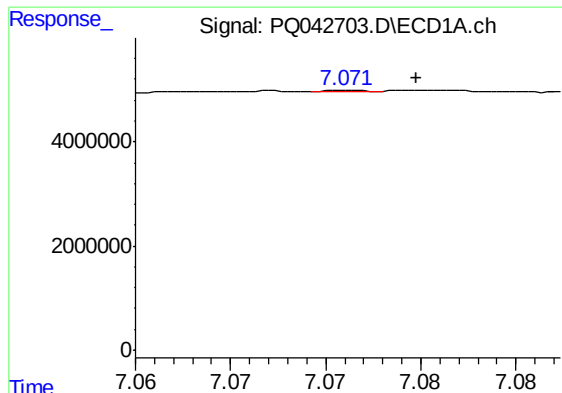
#2 Decachlorobiphenyl

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 116031901
Conc: 15.37 ng/ml



#2 Decachlorobiphenyl

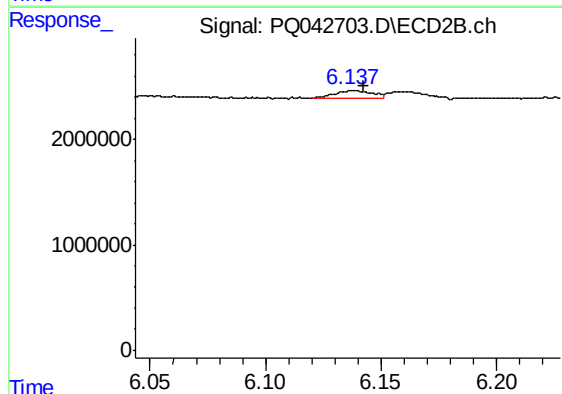
R.T.: 10.419 min
Delta R.T.: -0.003 min
Response: 98972703
Conc: 16.21 ng/ml



#3 AR-1016-1

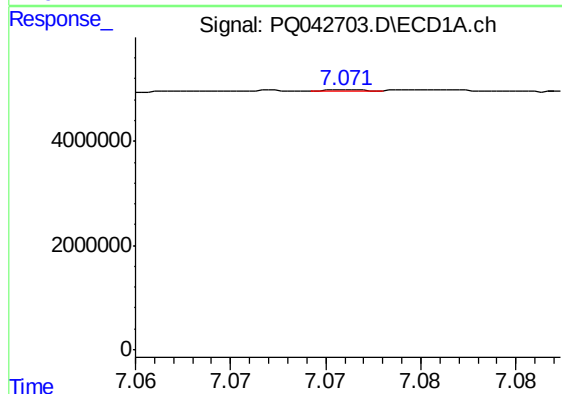
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 18567
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



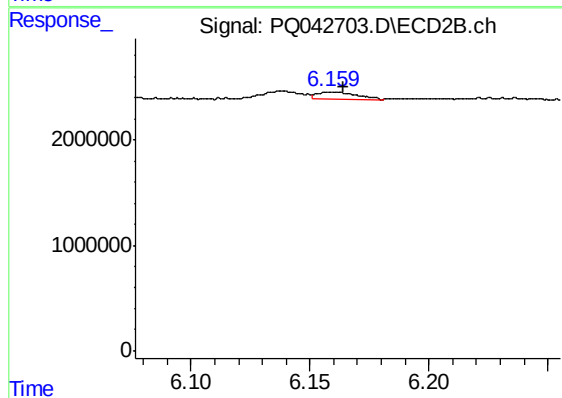
#3 AR-1016-1

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 838393
Conc: 7.28 ng/ml



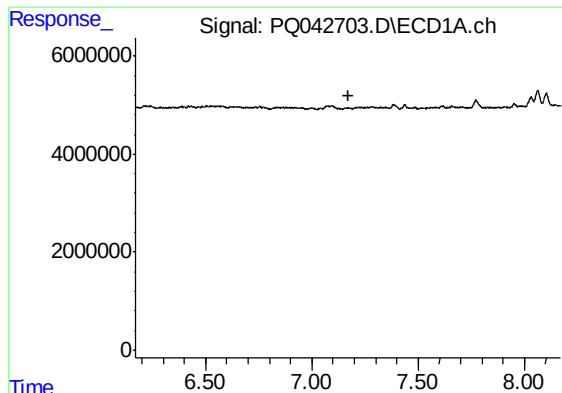
#4 AR-1016-2

R.T.: 7.071 min
Delta R.T.: -0.028 min
Response: 18567
Conc: 0.10 ng/ml



#4 AR-1016-2

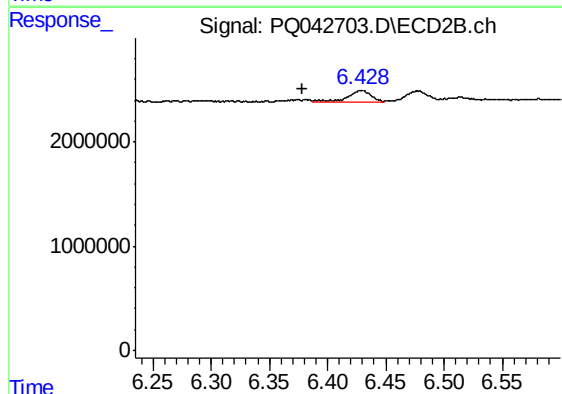
R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 767221
Conc: 4.78 ng/ml



#5 AR-1016-3

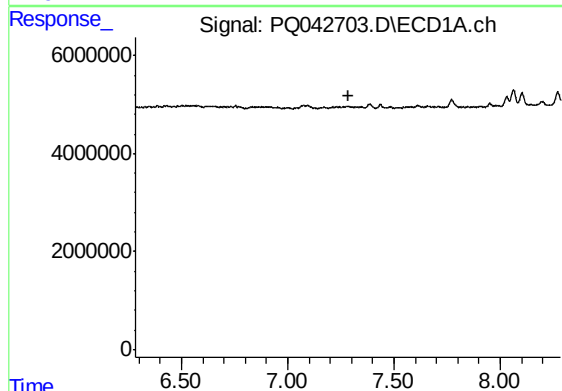
R.T.: 0.000 min
Exp R.T. : 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ28



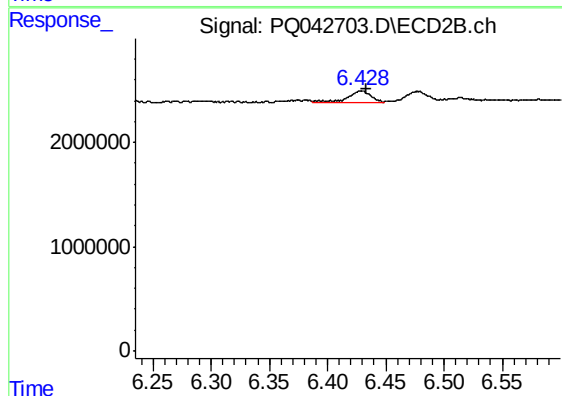
#5 AR-1016-3

R.T.: 6.428 min
Delta R.T.: 0.050 min
Response: 1434671
Conc: 16.73 ng/ml



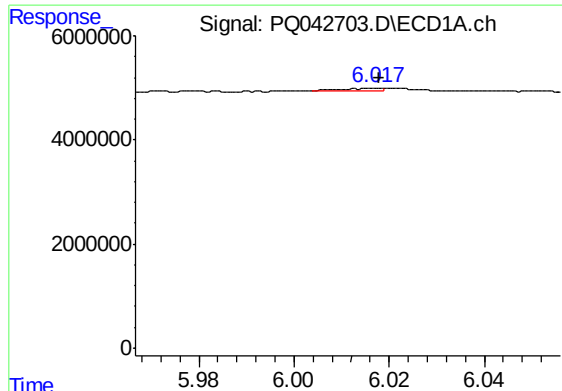
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.284 min
Response: 0
Conc: N.D.



#6 AR-1016-4

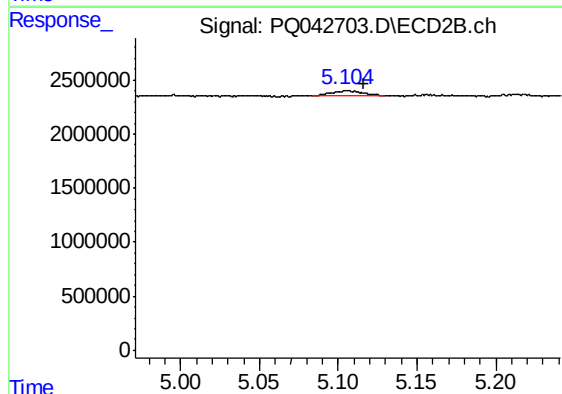
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 1434671
Conc: 19.87 ng/ml



#9 AR-1221-2

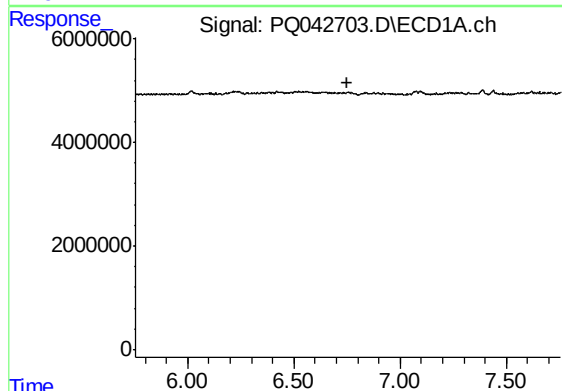
R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 220728
Conc: 9.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



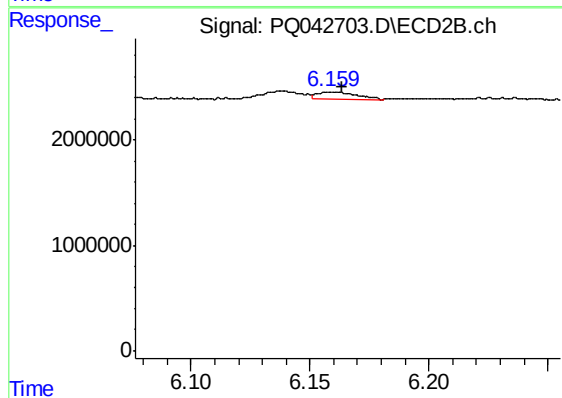
#9 AR-1221-2

R.T.: 5.105 min
Delta R.T.: -0.012 min
Response: 679927
Conc: 28.25 ng/ml



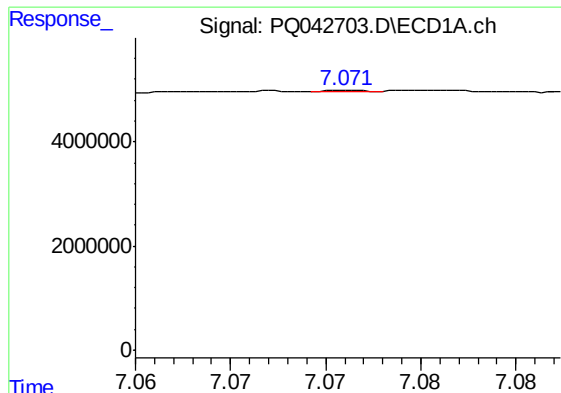
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.754 min
Response: 0
Conc: N.D.



#12 AR-1232-2

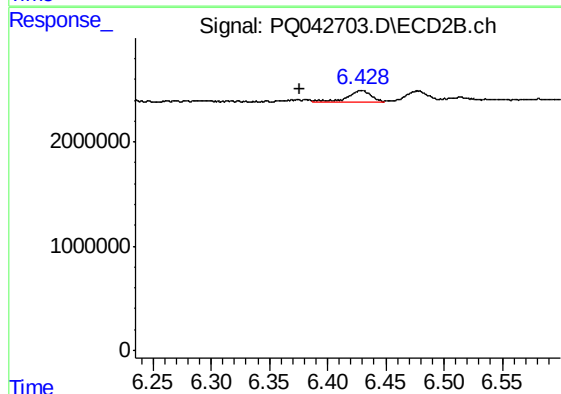
R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 767221
Conc: 10.04 ng/ml



#13 AR-1232-3

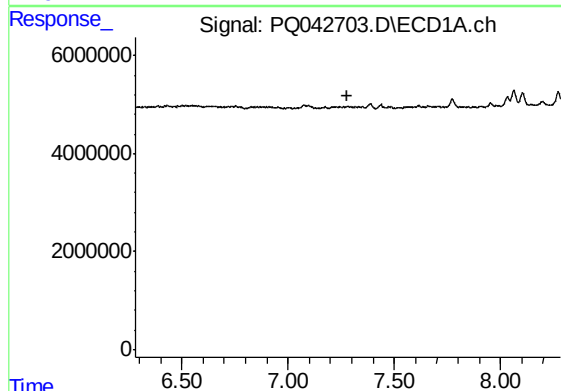
R.T.: 7.071 min
Delta R.T.: -0.027 min
Response: 18567
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



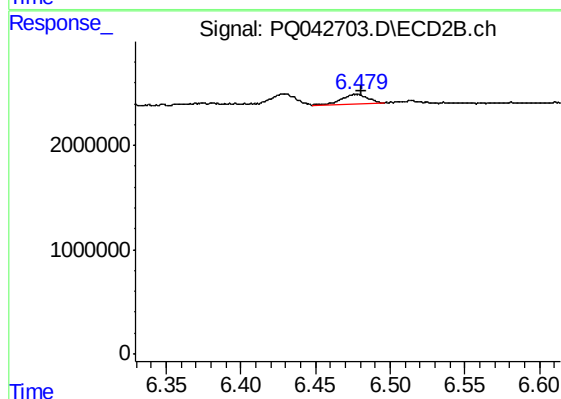
#13 AR-1232-3

R.T.: 6.428 min
Delta R.T.: 0.051 min
Response: 1434671
Conc: 35.36 ng/ml



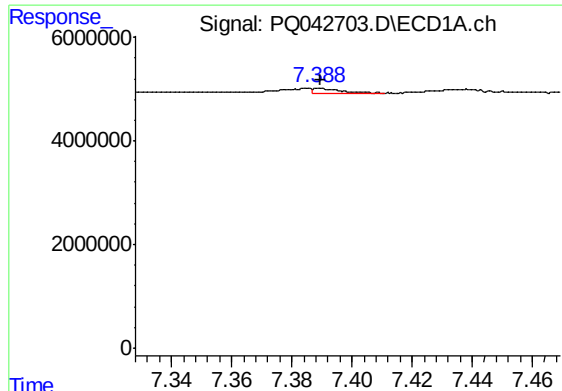
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.281 min
Response: 0
Conc: N.D.



#14 AR-1232-4

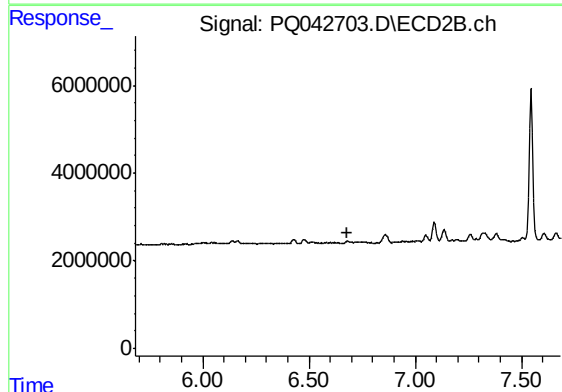
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 1102811
Conc: 27.72 ng/ml



#15 AR-1232-5

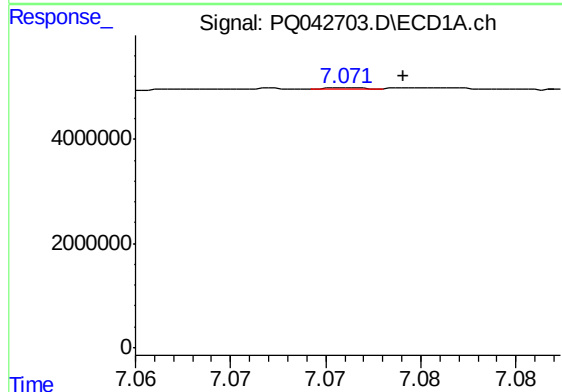
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 559552
Conc: 22.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



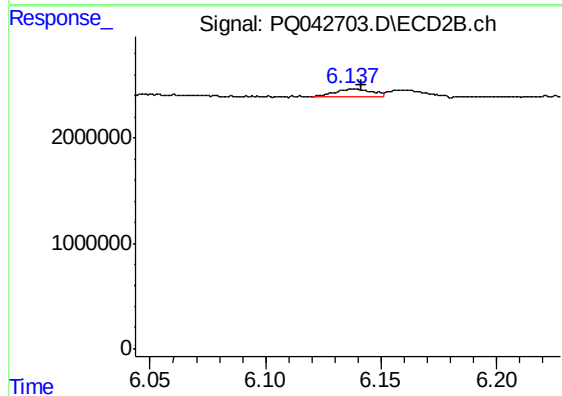
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.683 min
Response: 0
Conc: N.D.



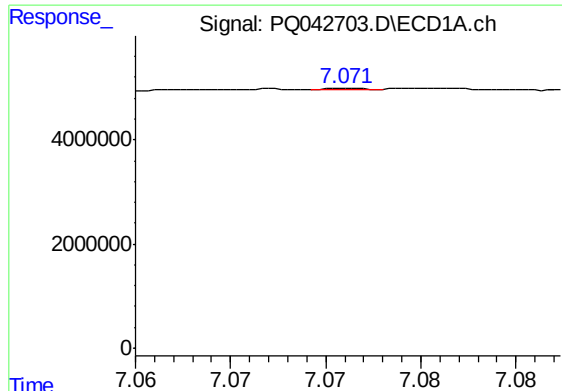
#16 AR-1242-1

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 18567
Conc: 0.18 ng/ml



#16 AR-1242-1

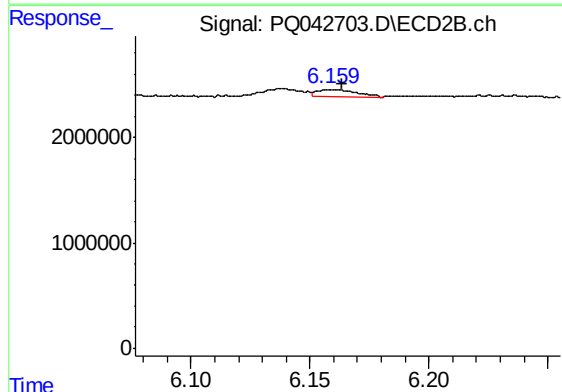
R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 838393
Conc: 8.12 ng/ml



#17 AR-1242-2

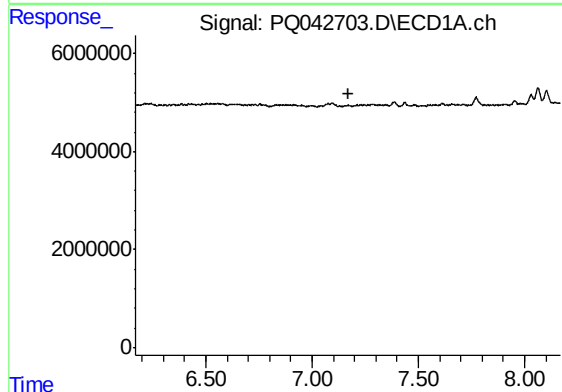
R.T.: 7.071 min
Delta R.T.: -0.029 min
Response: 18567
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



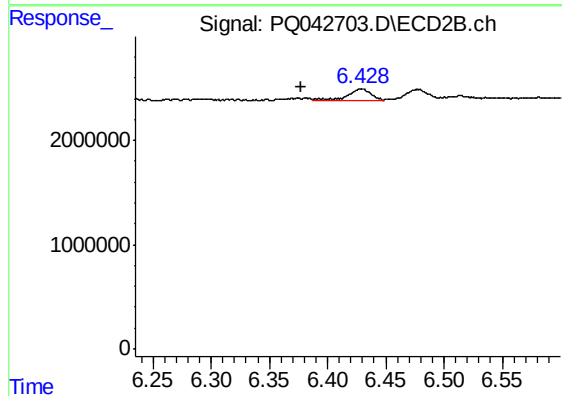
#17 AR-1242-2

R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 767221
Conc: 5.41 ng/ml



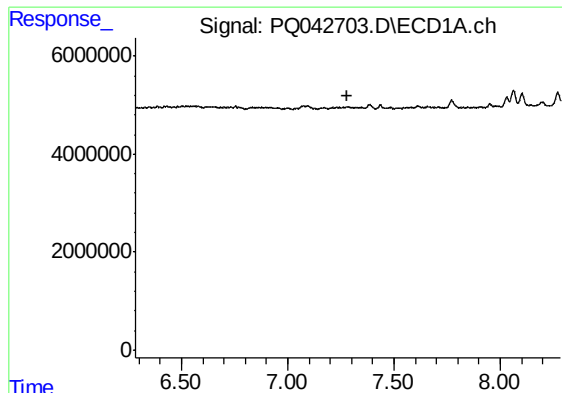
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.169 min
Response: 0
Conc: N.D.



#18 AR-1242-3

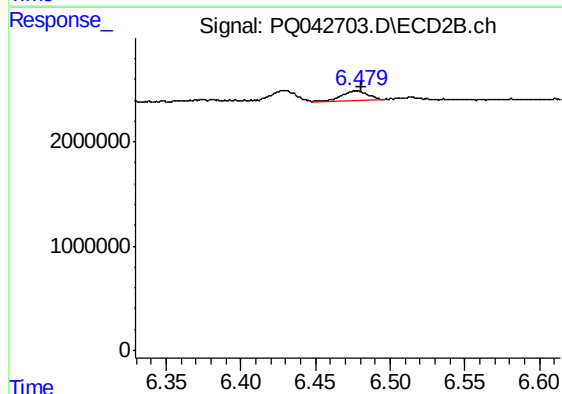
R.T.: 6.428 min
Delta R.T.: 0.050 min
Response: 1434671
Conc: 18.96 ng/ml



#19 AR-1242-4

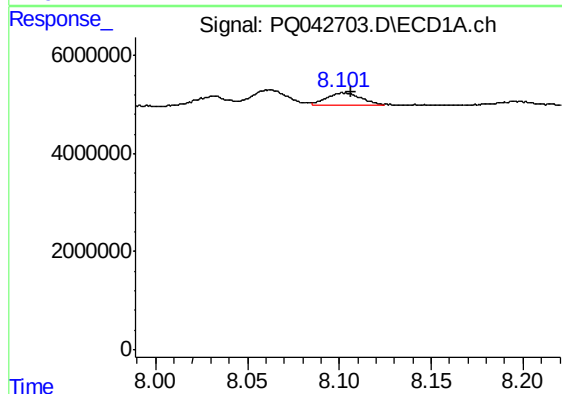
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ28



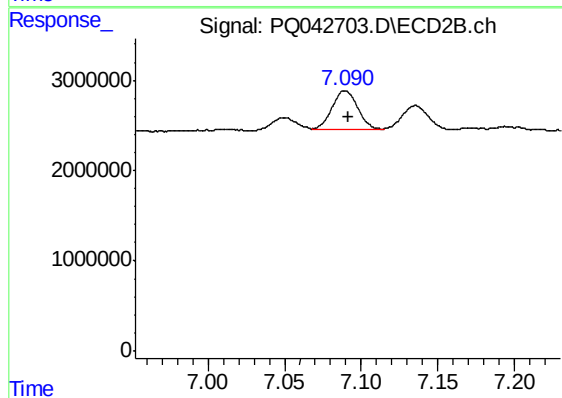
#19 AR-1242-4

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 1102811
Conc: 14.40 ng/ml



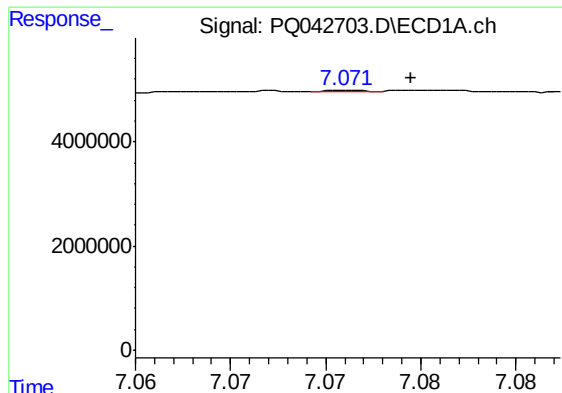
#20 AR-1242-5

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 3165676
Conc: 33.55 ng/ml



#20 AR-1242-5

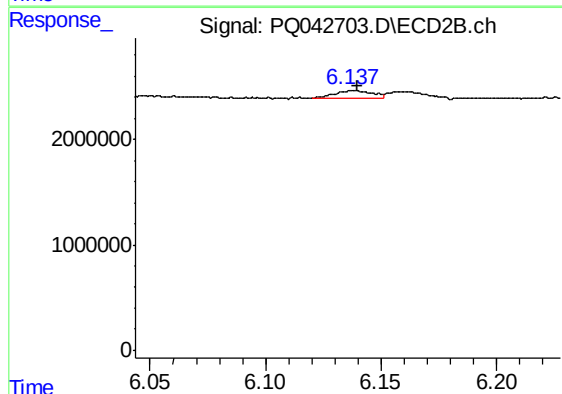
R.T.: 7.090 min
Delta R.T.: -0.003 min
Response: 5052775
Conc: 45.08 ng/ml



#21 AR-1248-1

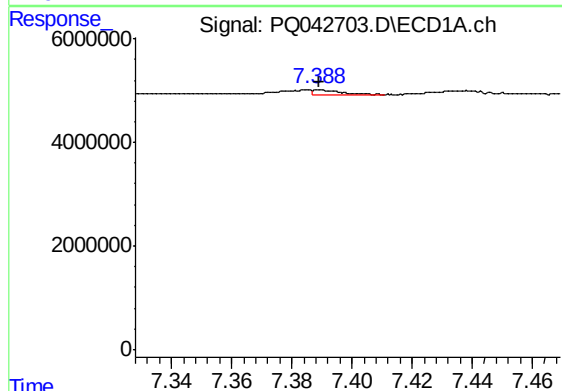
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 18567
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



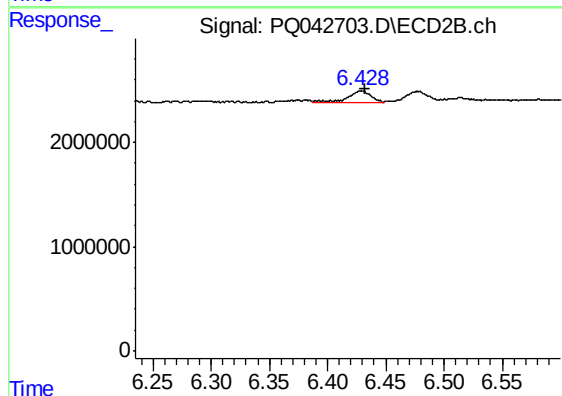
#21 AR-1248-1

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 838393
Conc: 10.20 ng/ml



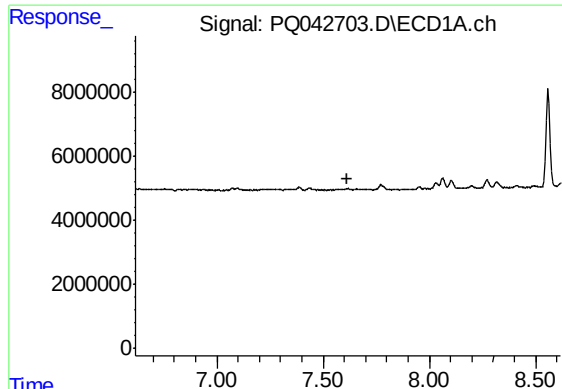
#22 AR-1248-2

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 559552
Conc: 5.48 ng/ml



#22 AR-1248-2

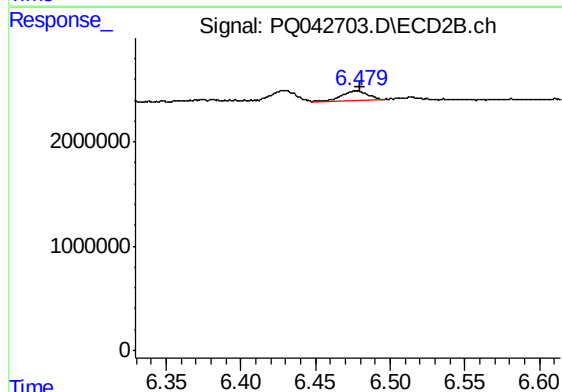
R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 1434671
Conc: 13.02 ng/ml



#23 AR-1248-3

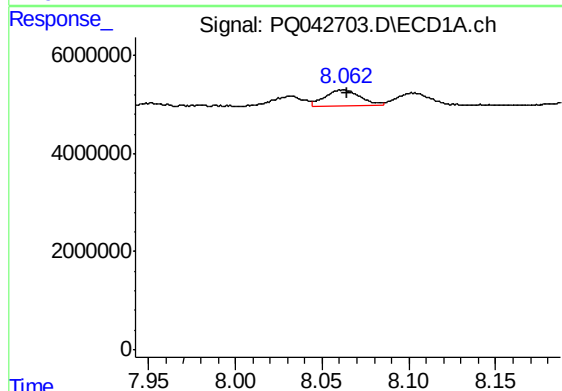
R.T.: 0.000 min
Exp R.T. : 7.616 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ28



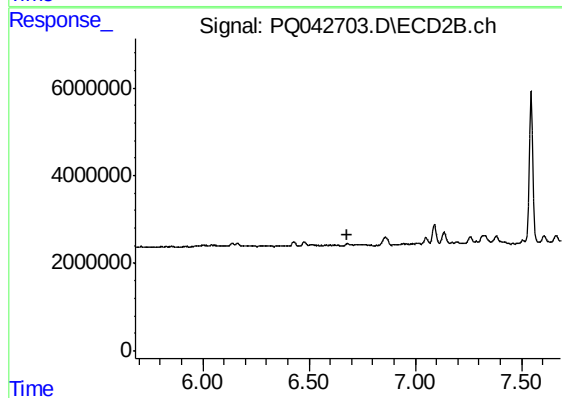
#23 AR-1248-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 1102811
Conc: 9.79 ng/ml



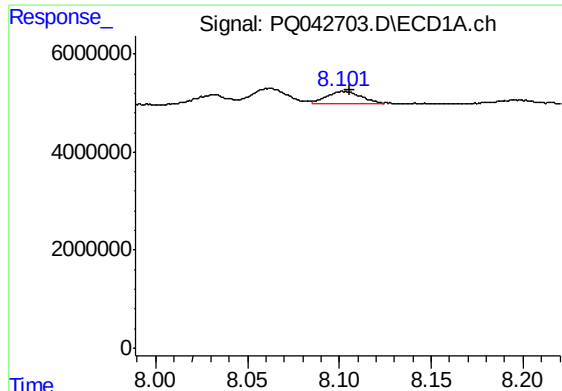
#24 AR-1248-4

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 4531770
Conc: 27.34 ng/ml



#24 AR-1248-4

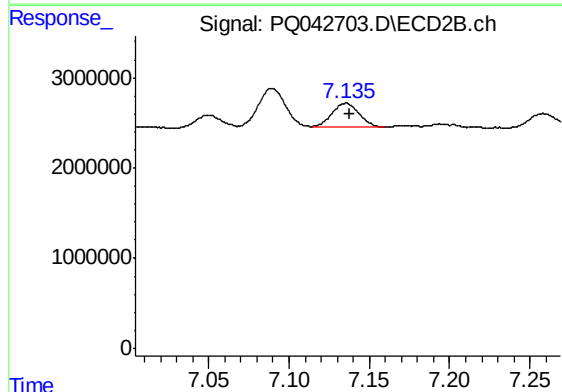
R.T.: 0.000 min
Exp R.T. : 6.683 min
Response: 0
Conc: N.D.



#25 AR-1248-5

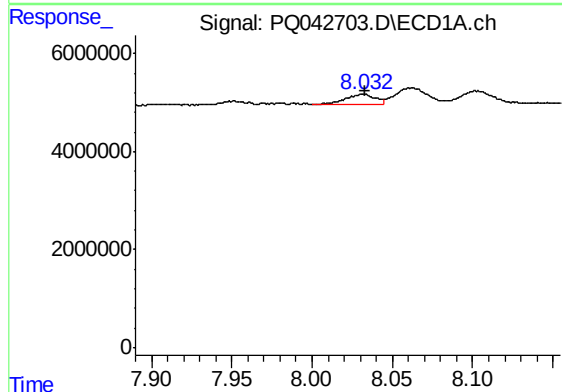
R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 3165676
Conc: 19.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



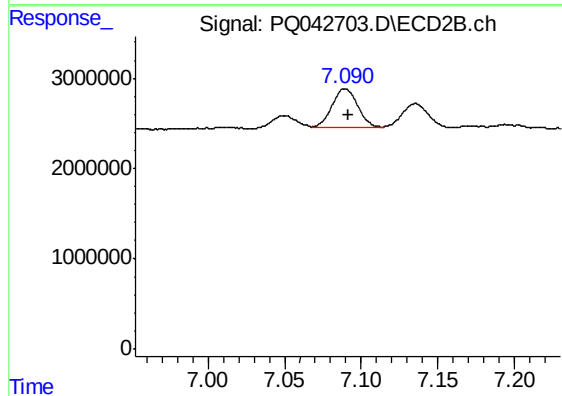
#25 AR-1248-5

R.T.: 7.136 min
Delta R.T.: -0.003 min
Response: 3055108
Conc: 19.41 ng/ml



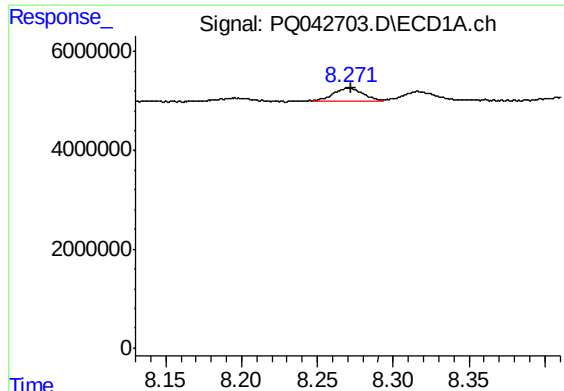
#26 AR-1254-1

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 2632232
Conc: 17.94 ng/ml



#26 AR-1254-1

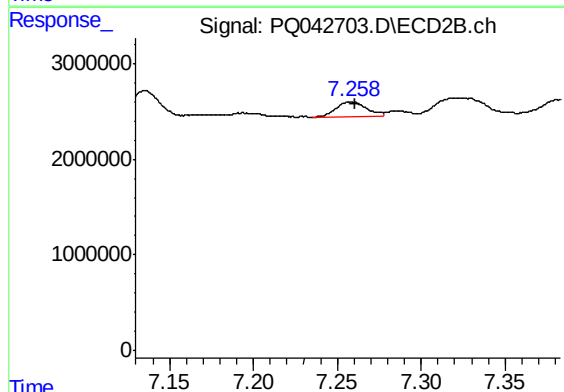
R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 5052775
Conc: 22.39 ng/ml



#27 AR-1254-2

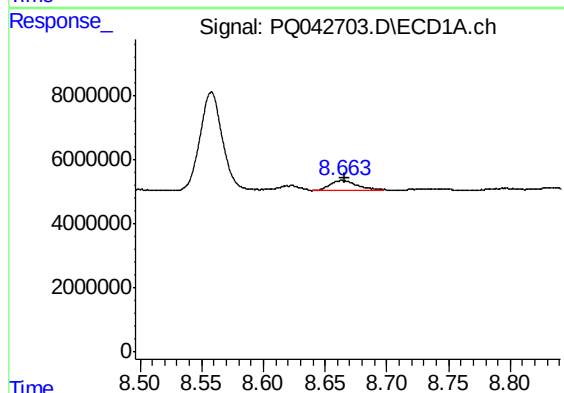
R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 3431743
Conc: 14.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



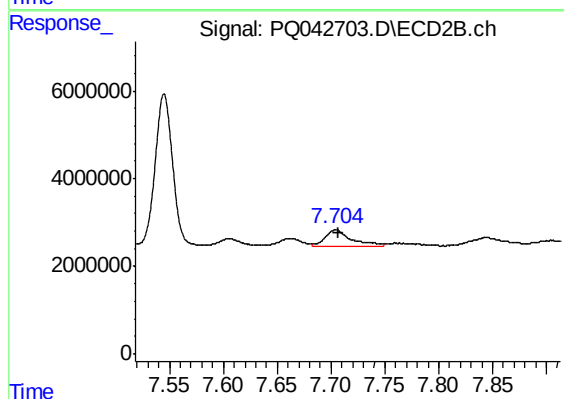
#27 AR-1254-2

R.T.: 7.258 min
Delta R.T.: -0.003 min
Response: 1946557
Conc: 9.63 ng/ml



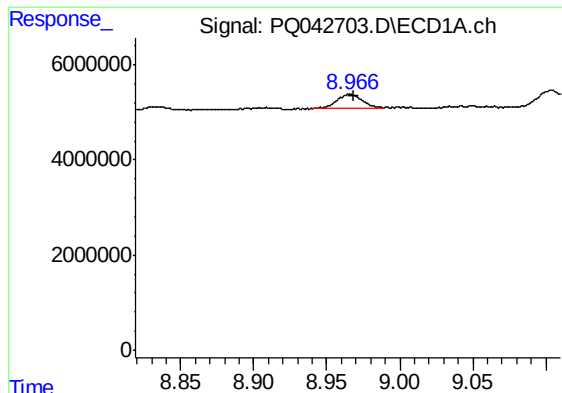
#28 AR-1254-3

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 5129417
Conc: 17.99 ng/ml



#28 AR-1254-3

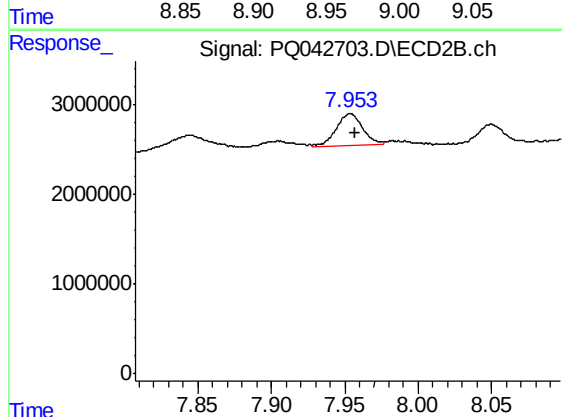
R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 6202943
Conc: 17.61 ng/ml



#29 AR-1254-4

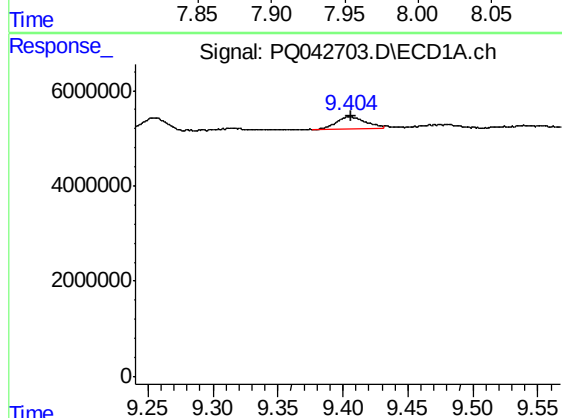
R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 3593788
Conc: 15.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



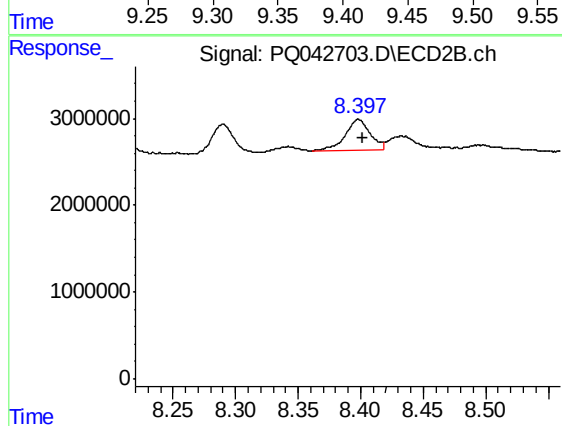
#29 AR-1254-4

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 4529575
Conc: 17.65 ng/ml



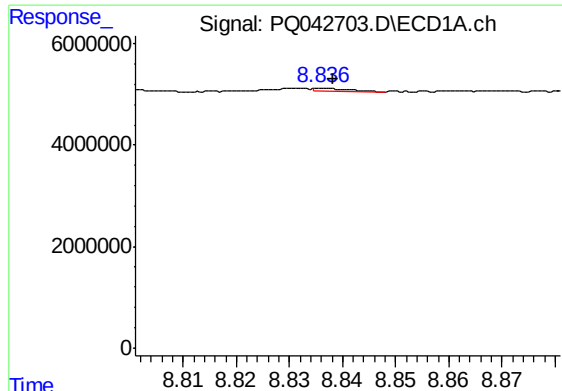
#30 AR-1254-5

R.T.: 9.405 min
Delta R.T.: -0.001 min
Response: 4220763
Conc: 16.35 ng/ml



#30 AR-1254-5

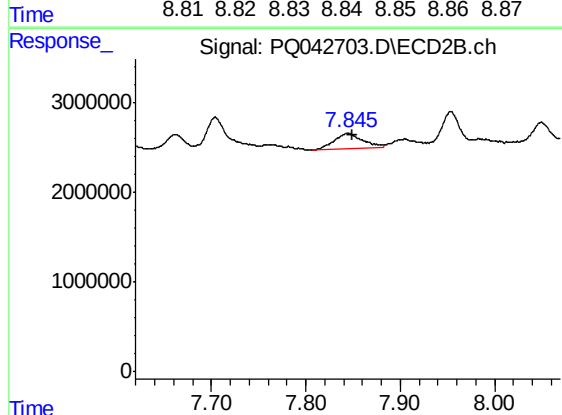
R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 4912266
Conc: 13.52 ng/ml



#31 AR-1260-1

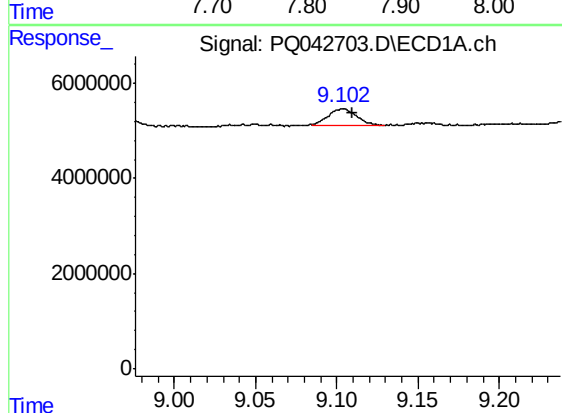
R.T.: 8.836 min
Delta R.T.: -0.002 min
Response: 288882
Conc: 1.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



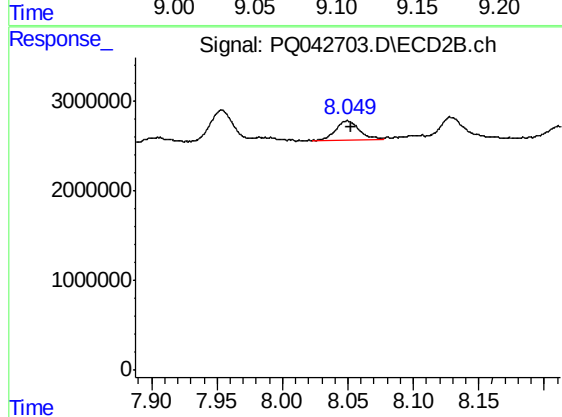
#31 AR-1260-1

R.T.: 7.845 min
Delta R.T.: -0.005 min
Response: 3460231
Conc: 16.96 ng/ml



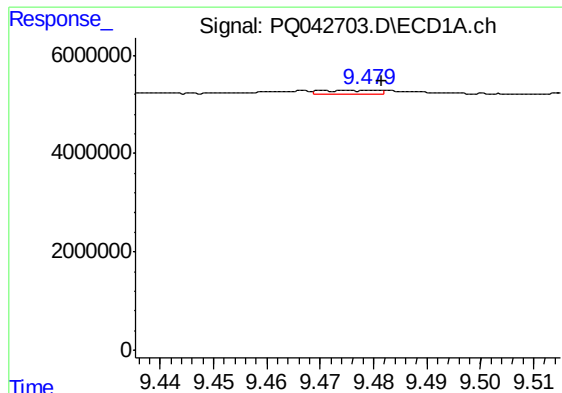
#32 AR-1260-2

R.T.: 9.105 min
Delta R.T.: -0.005 min
Response: 4413545
Conc: 18.36 ng/ml



#32 AR-1260-2

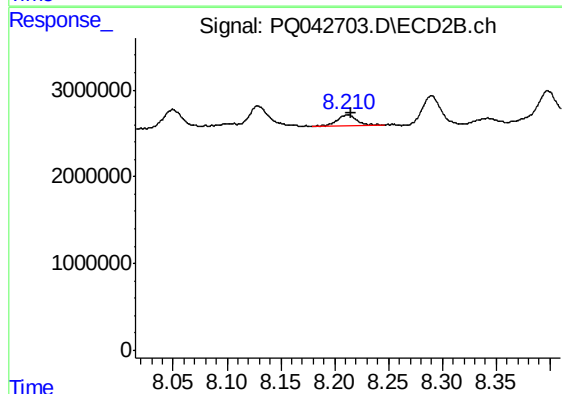
R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 2732975
Conc: 10.20 ng/ml



#33 AR-1260-3

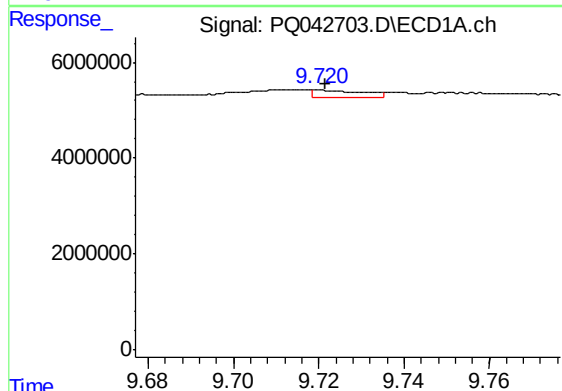
R.T.: 9.479 min
Delta R.T.: -0.002 min
Response: 512219
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



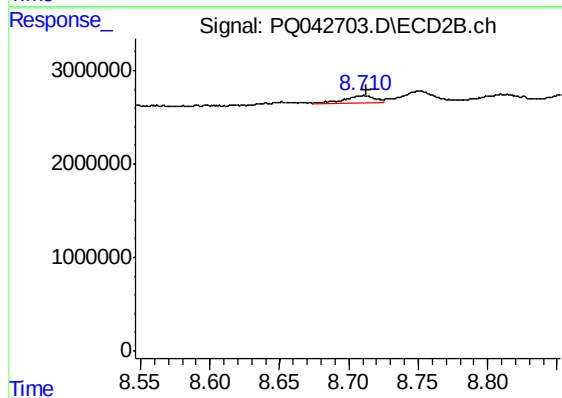
#33 AR-1260-3

R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 1816208
Conc: 7.62 ng/ml



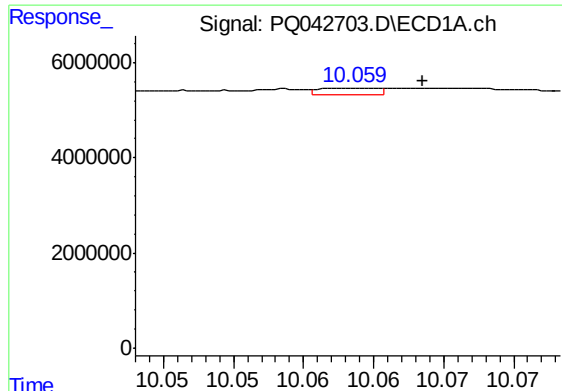
#34 AR-1260-4

R.T.: 9.720 min
Delta R.T.: -0.002 min
Response: 1251035
Conc: 5.15 ng/ml



#34 AR-1260-4

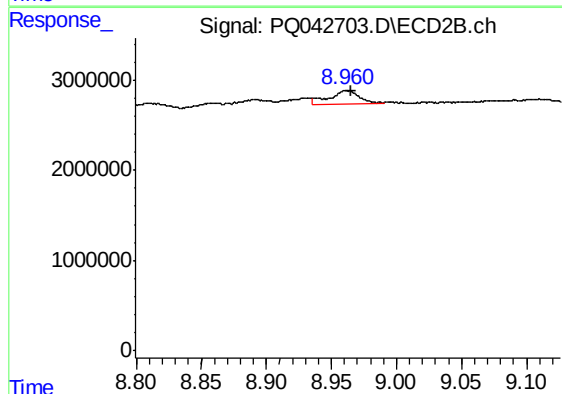
R.T.: 8.711 min
Delta R.T.: -0.002 min
Response: 1140224
Conc: 5.03 ng/ml



#35 AR-1260-5

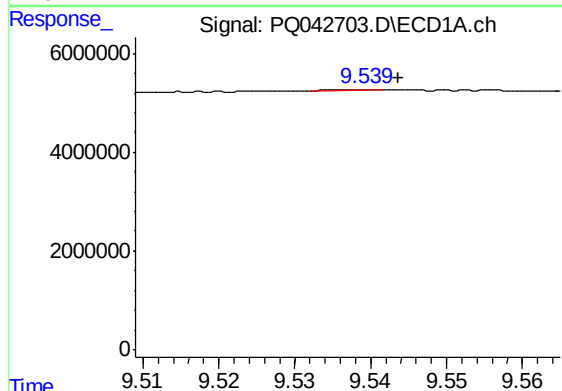
R.T.: 10.059 min
Delta R.T.: -0.005 min
Response: 381945
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



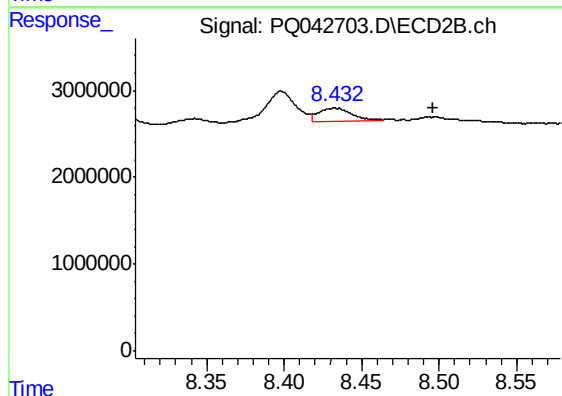
#35 AR-1260-5

R.T.: 8.961 min
Delta R.T.: -0.004 min
Response: 2319692
Conc: 3.72 ng/ml



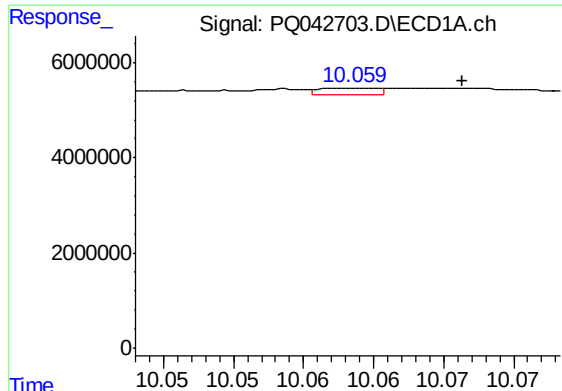
#36 AR-1262-1

R.T.: 9.539 min
Delta R.T.: -0.004 min
Response: 56195
Conc: 0.39 ng/ml



#36 AR-1262-1

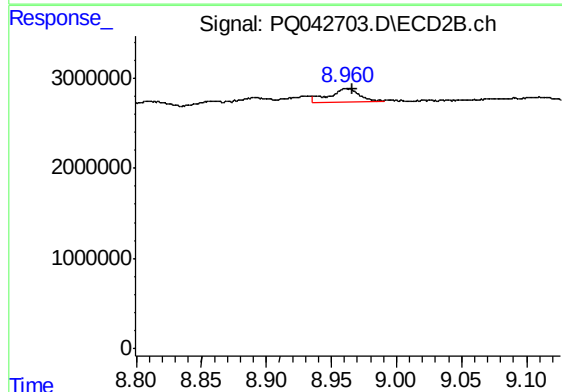
R.T.: 8.433 min
Delta R.T.: -0.064 min
Response: 2159858
Conc: 12.62 ng/ml



#37 AR-1262-2

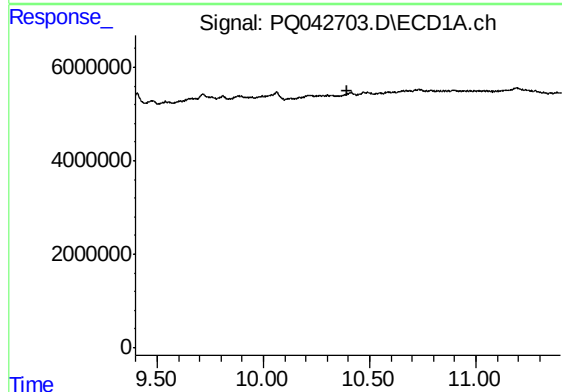
R.T.: 10.059 min
Delta R.T.: -0.008 min
Response: 381945
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



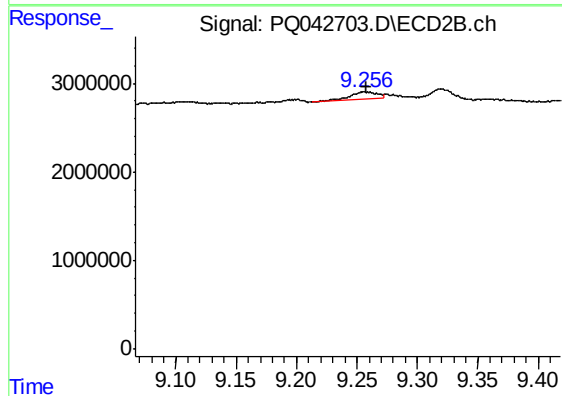
#37 AR-1262-2

R.T.: 8.961 min
Delta R.T.: -0.005 min
Response: 2319692
Conc: 2.78 ng/ml



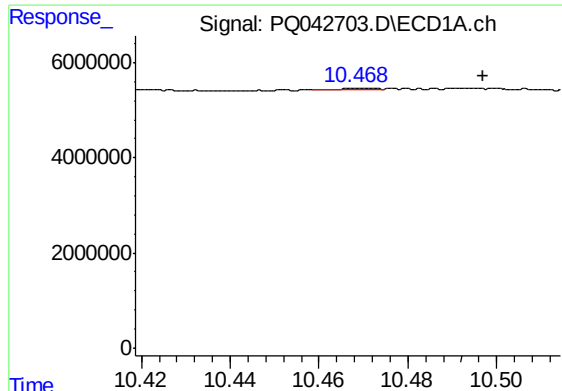
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.398 min
Response: 0
Conc: N.D.



#38 AR-1262-3

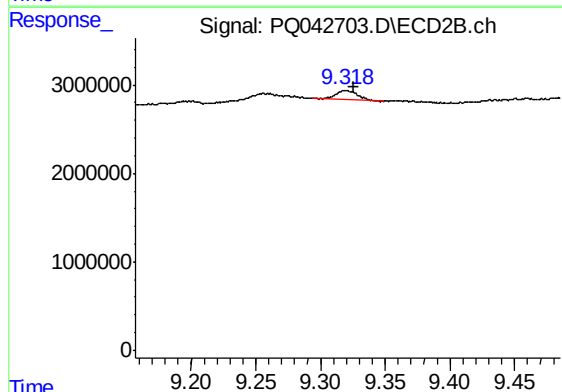
R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 1403694
Conc: 3.95 ng/ml



#39 AR-1262-4

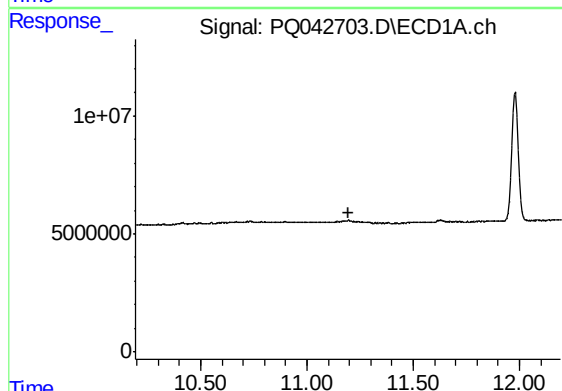
R.T.: 10.469 min
Delta R.T.: -0.028 min
Response: 129242
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



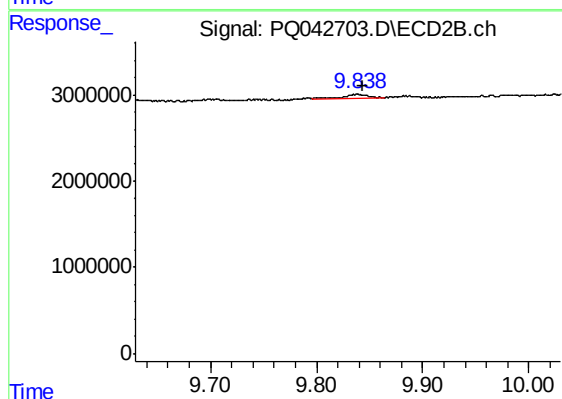
#39 AR-1262-4

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 1282313
Conc: 1.99 ng/ml



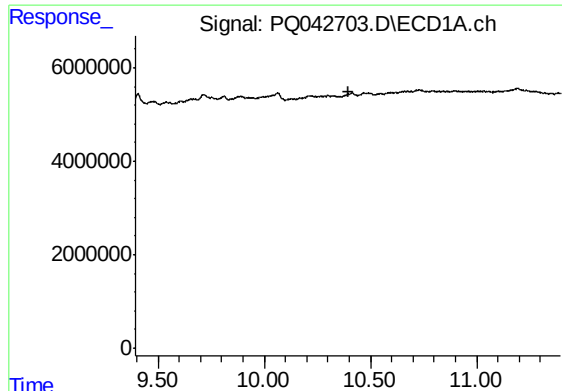
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.193 min
Response: 0
Conc: N.D.



#40 AR-1262-5

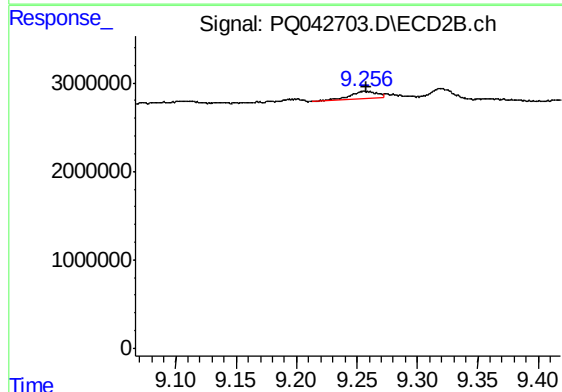
R.T.: 9.839 min
Delta R.T.: -0.005 min
Response: 809833
Conc: 2.56 ng/ml



#41 AR-1268-1

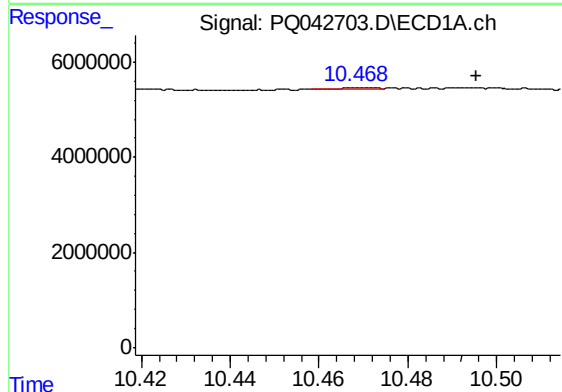
R.T.: 0.000 min
Exp R.T.: 10.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ28



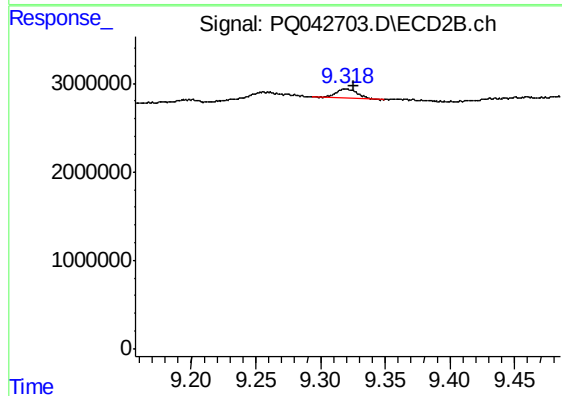
#41 AR-1268-1

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 1403694
Conc: 1.40 ng/ml



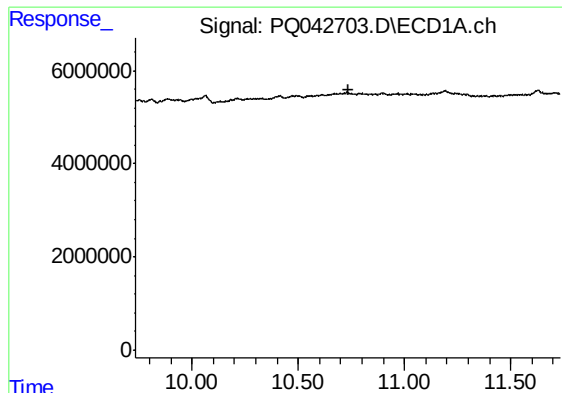
#42 AR-1268-2

R.T.: 10.469 min
Delta R.T.: -0.027 min
Response: 129242
Conc: 0.14 ng/ml



#42 AR-1268-2

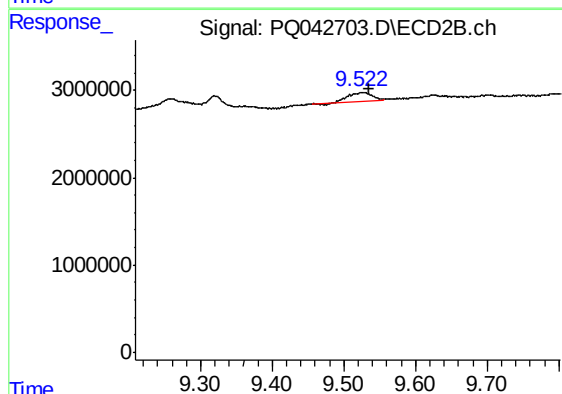
R.T.: 9.319 min
Delta R.T.: -0.006 min
Response: 1282313
Conc: 1.37 ng/ml



#43 AR-1268-3

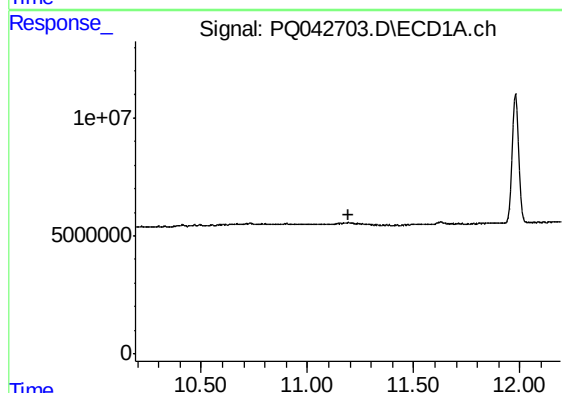
R.T.: 0.000 min
Exp R.T. : 10.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ28



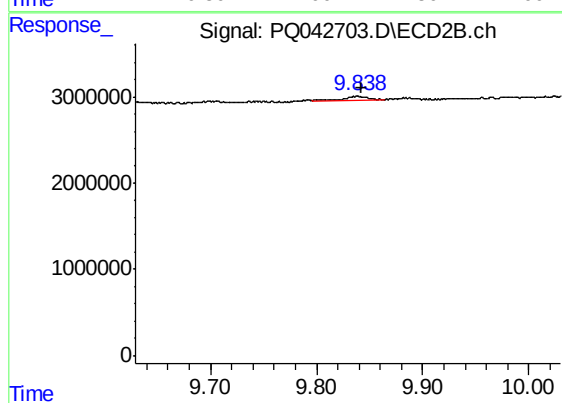
#43 AR-1268-3

R.T.: 9.522 min
Delta R.T.: -0.013 min
Response: 2505354
Conc: 3.15 ng/ml



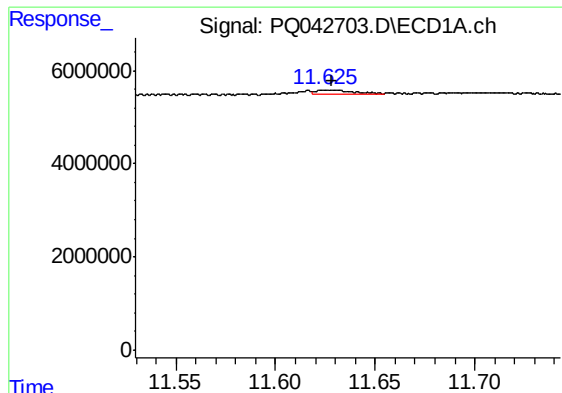
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.191 min
Response: 0
Conc: N.D.



#44 AR-1268-4

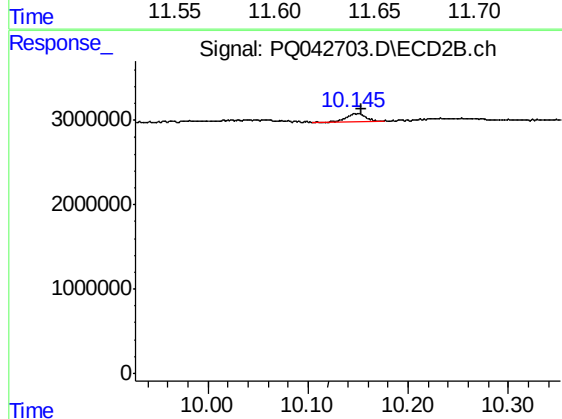
R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 809833
Conc: 2.37 ng/ml



#45 AR-1268-5

R.T.: 11.626 min
Delta R.T.: -0.003 min
Response: 982643
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ28



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.007 min
Response: 1350318
Conc: 0.53 ng/ml