

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 05:55
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

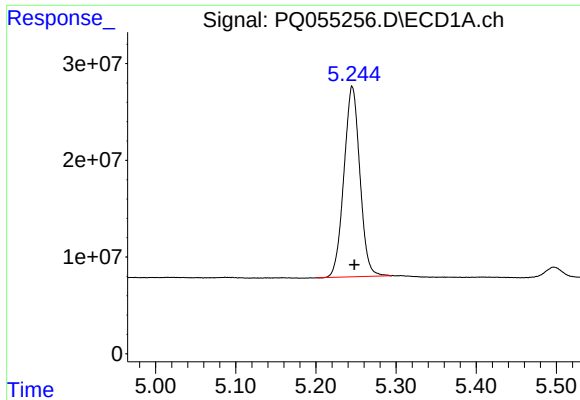
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 07:06:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.245	4.319	271.8E6	163.7E6	15.459	15.917
2)	SA Decachlor...	11.436	9.723	288.3E6	148.8E6	18.280	16.619
Target Compounds							
3)	L1 AR-1016-1	0.000	5.589	0	238523	N.D.	0.665 #
4)	L1 AR-1016-2	0.000	5.613	0	1048421	N.D.	2.036 #
5)	L1 AR-1016-3	0.000	5.807	0	590570	N.D.	2.205 #
6)	L1 AR-1016-4	0.000	5.877f	0	838924	N.D.	3.867 #
8)	L2 AR-1221-1	5.497	4.579	16127234	1964216	77.364	18.211 #
9)	L2 AR-1221-2	5.595	4.679	5891676	3687342	33.670	47.582 #
10)	L2 AR-1221-3	5.681	4.770	10164809	4462796	22.602	17.329
11)	L3 AR-1232-1	5.681	4.770	10164809	4462796	26.772	20.534
12)	L3 AR-1232-2	0.000	5.613	0	1048421	N.D.	4.976 #
13)	L3 AR-1232-3	0.000	5.807	0	590570	N.D.	5.381 #
14)	L3 AR-1232-4	0.000	5.932f	0	318748	N.D.	3.284 #
16)	L4 AR-1242-1	0.000	5.589	0	238523	N.D.	0.895 #
17)	L4 AR-1242-2	0.000	5.613	0	1048421	N.D.	2.707 #
18)	L4 AR-1242-3	0.000	5.807	0	590570	N.D.	2.929 #
19)	L4 AR-1242-4	0.000	5.932f	0	318748	N.D.	1.628 #
20)	L4 AR-1242-5	0.000	6.455f	0	849904	N.D.	3.371 #
21)	L5 AR-1248-1	0.000	5.589	0	238523	N.D.	1.192 #
22)	L5 AR-1248-2	0.000	5.877f	0	838924	N.D.	2.984 #
23)	L5 AR-1248-3	0.000	5.932f	0	318748	N.D.	1.089 #
25)	L5 AR-1248-5	0.000	6.495f	0	698617	N.D.	2.008 #
26)	L6 AR-1254-1	0.000	6.495f	0	698617	N.D.	1.263 #
27)	L6 AR-1254-2	0.000	6.644	0	867526	N.D.	1.833 #
28)	L6 AR-1254-3	0.000	7.053	0	3206745	N.D.	4.084 #
29)	L6 AR-1254-4	0.000	7.294	0	1220519	N.D.	2.558 #
31)	L7 AR-1260-1	0.000	7.181f	0	1437238	N.D.	2.867 #
32)	L7 AR-1260-2	8.533	0.000	5719644	0	6.892	N.D. #
33)	L7 AR-1260-3	0.000	7.534f	0	1533819	N.D.	2.686 #
35)	L7 AR-1260-5	0.000	8.277	0	708754	N.D.	0.614 #
37)	L8 AR-1262-2	0.000	8.277	0	708754	N.D.	0.575 #
38)	L8 AR-1262-3	0.000	8.594f	0	3702679	N.D.	8.011 #
41)	L9 AR-1268-1	0.000	8.594f	0	3702679	N.D.	2.617 #
43)	L9 AR-1268-3	0.000	8.836f	0	24473106	N.D.	22.371 #
45)	L9 AR-1268-5	0.000	9.450	0	827611	N.D.	0.234 #

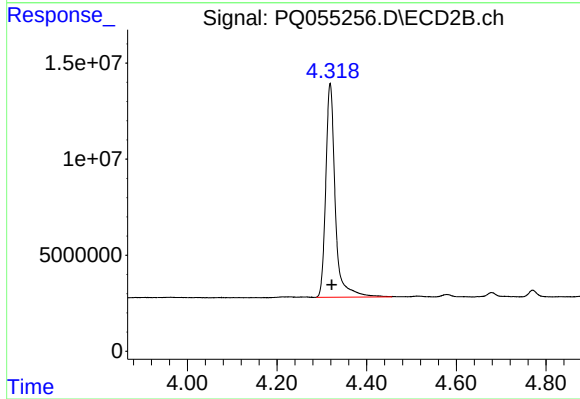
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

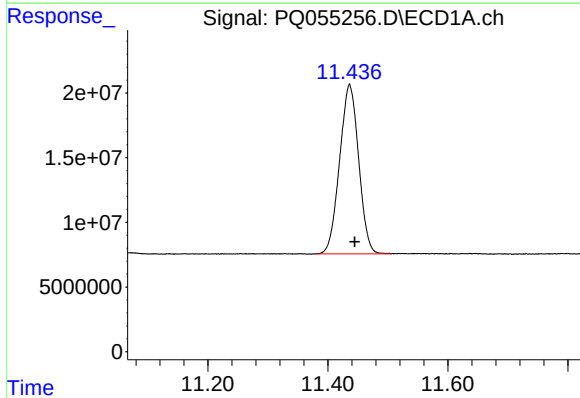
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 271802639
Conc: 15.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



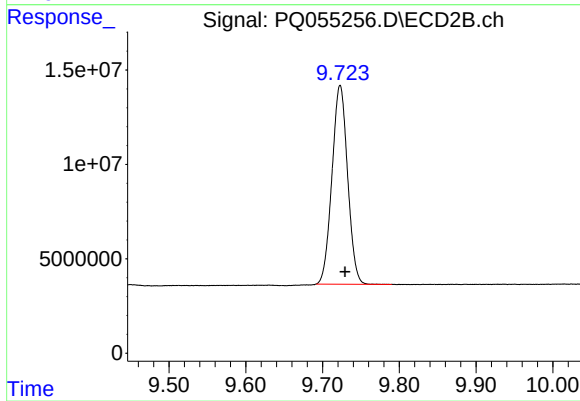
#1 Tetrachloro-m-xylene

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 163678218
Conc: 15.92 ng/ml



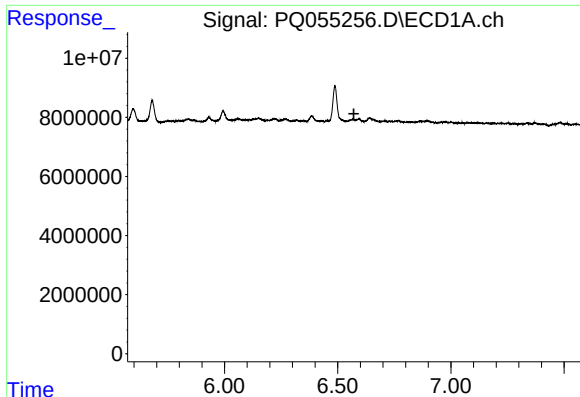
#2 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: -0.009 min
Response: 288319701
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

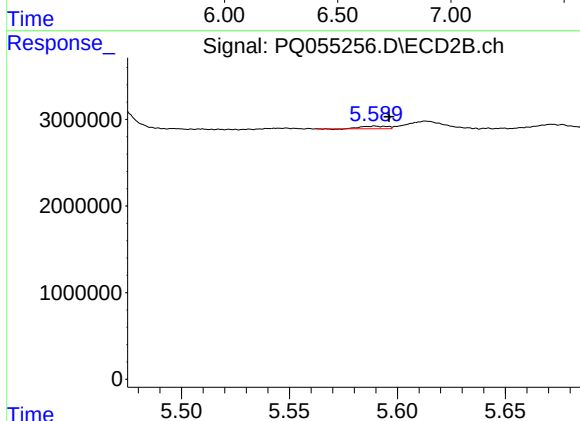
R.T.: 9.723 min
Delta R.T.: -0.006 min
Response: 148806685
Conc: 16.62 ng/ml



#3 AR-1016-1

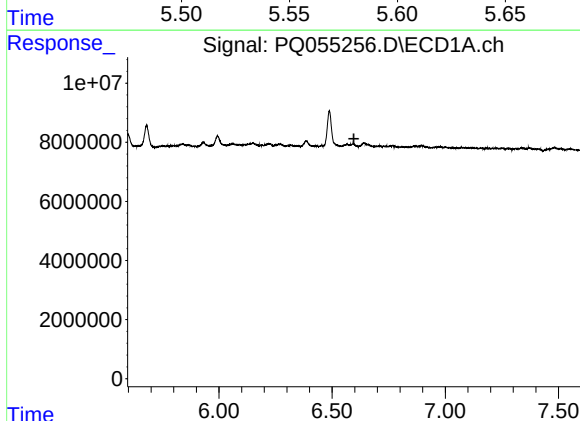
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



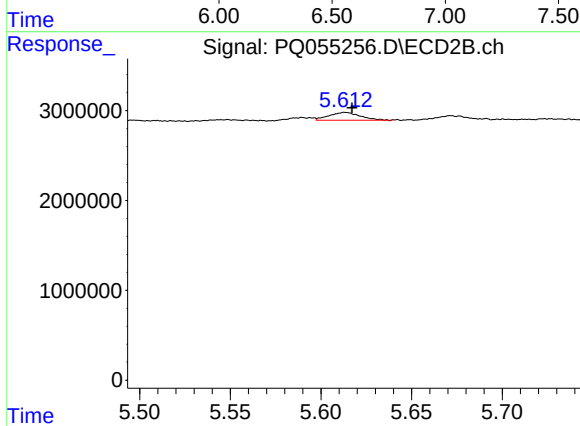
#3 AR-1016-1

R.T.: 5.589 min
Delta R.T.: -0.007 min
Response: 238523
Conc: 0.67 ng/ml



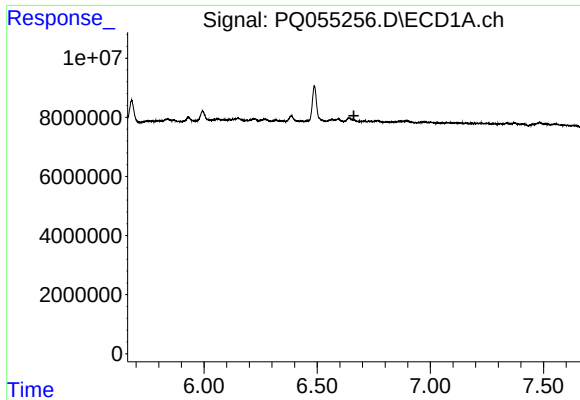
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

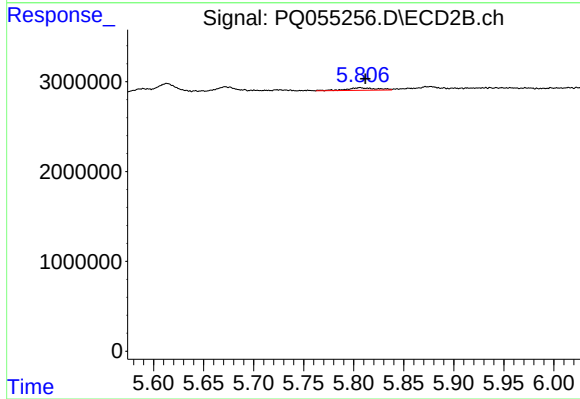
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 1048421
Conc: 2.04 ng/ml



#5 AR-1016-3

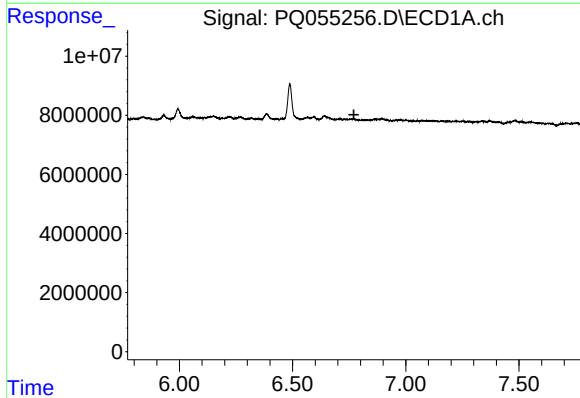
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



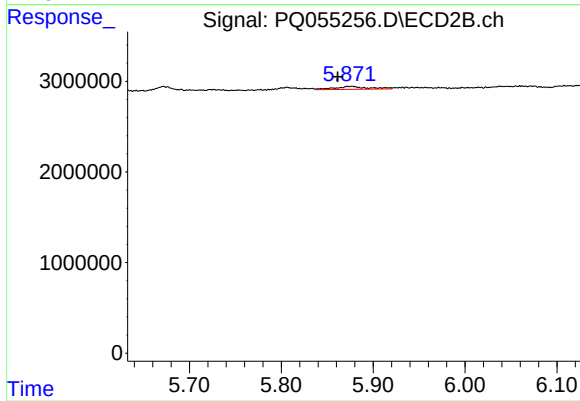
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 590570
Conc: 2.21 ng/ml



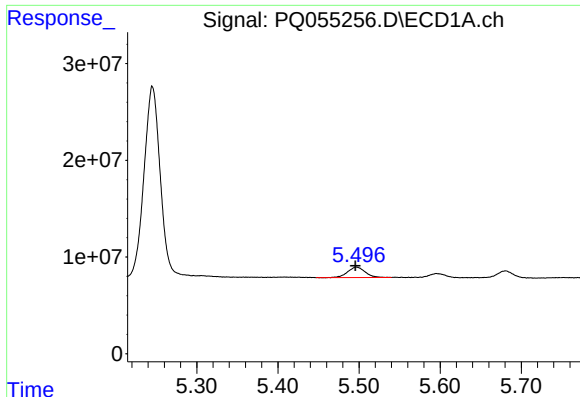
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

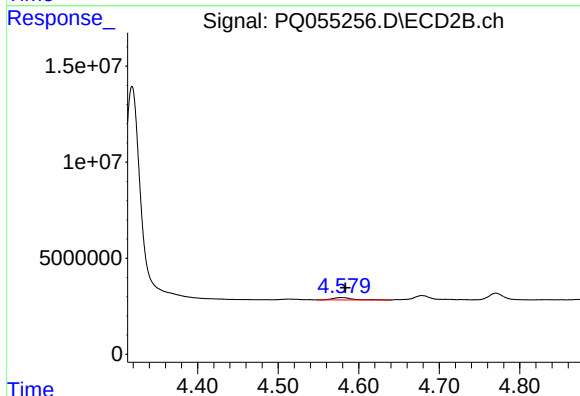
R.T.: 5.877 min
Delta R.T.: 0.015 min
Response: 838924
Conc: 3.87 ng/ml



#8 AR-1221-1

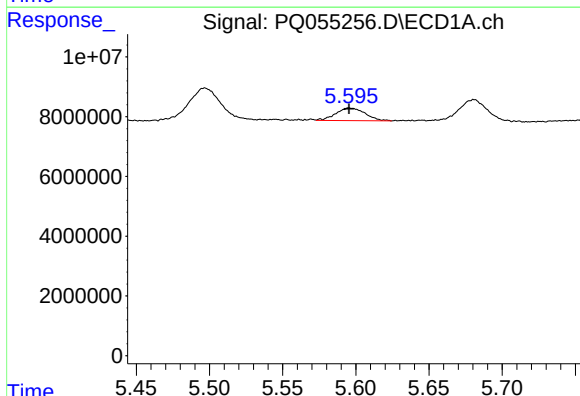
R.T.: 5.497 min
Delta R.T.: 0.001 min
Response: 16127234
Conc: 77.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



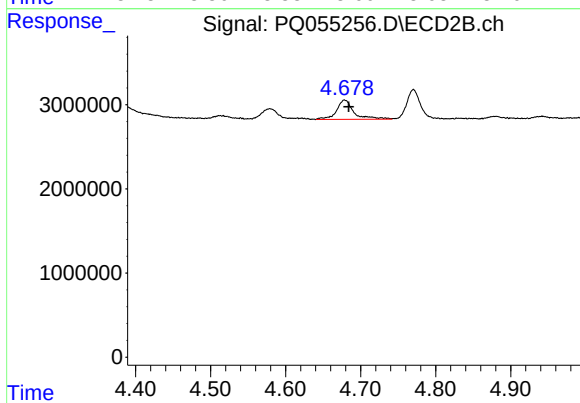
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 1964216
Conc: 18.21 ng/ml



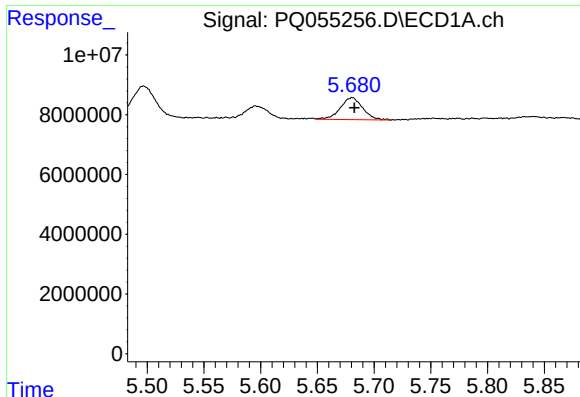
#9 AR-1221-2

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 5891676
Conc: 33.67 ng/ml



#9 AR-1221-2

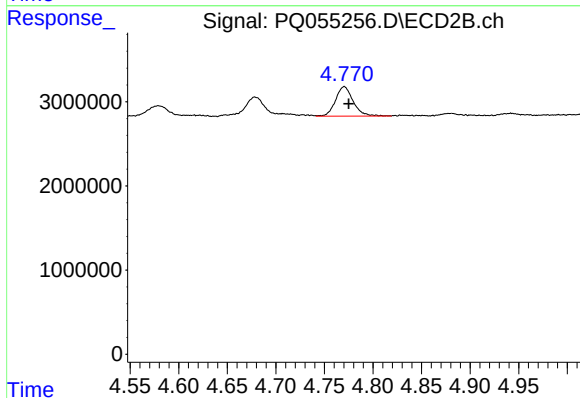
R.T.: 4.679 min
Delta R.T.: -0.006 min
Response: 3687342
Conc: 47.58 ng/ml



#10 AR-1221-3

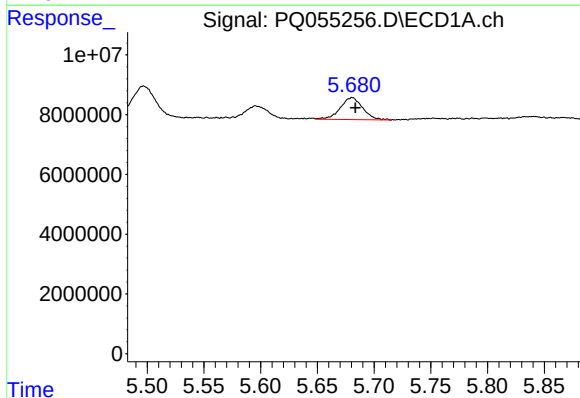
R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 10164809
Conc: 22.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



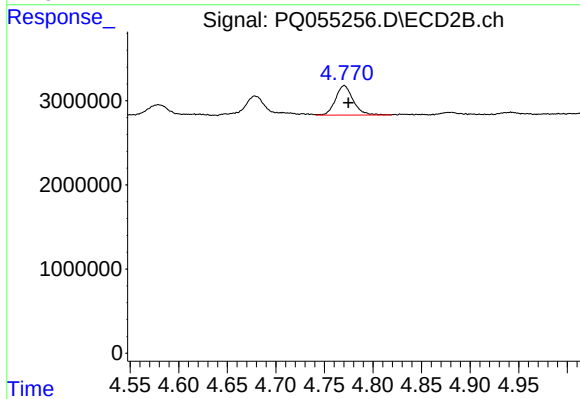
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 4462796
Conc: 17.33 ng/ml



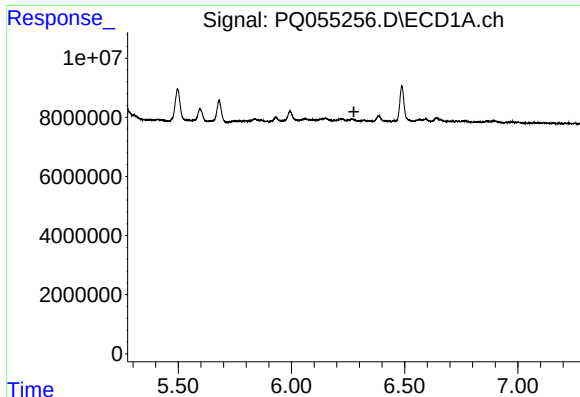
#11 AR-1232-1

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 10164809
Conc: 26.77 ng/ml



#11 AR-1232-1

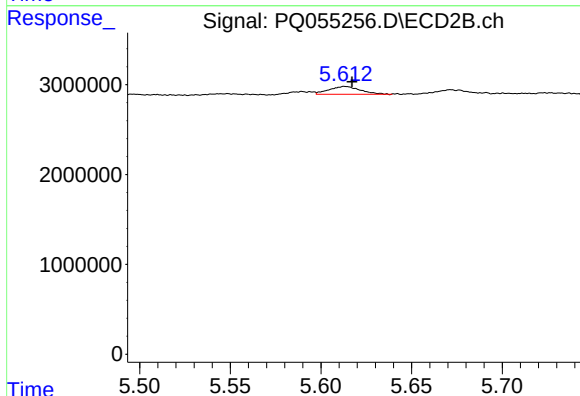
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 4462796
Conc: 20.53 ng/ml



#12 AR-1232-2

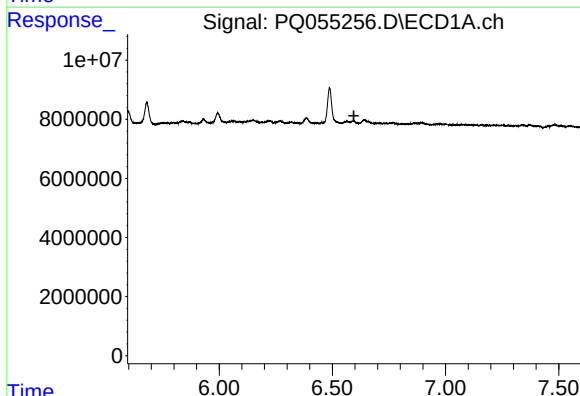
R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



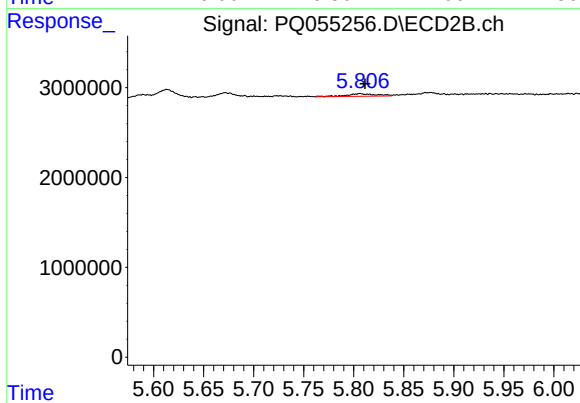
#12 AR-1232-2

R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 1048421
Conc: 4.98 ng/ml



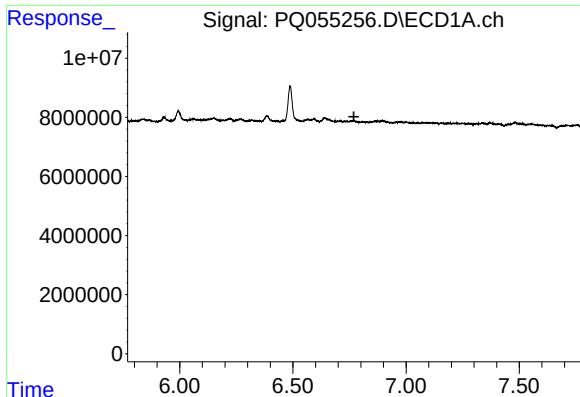
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.



#13 AR-1232-3

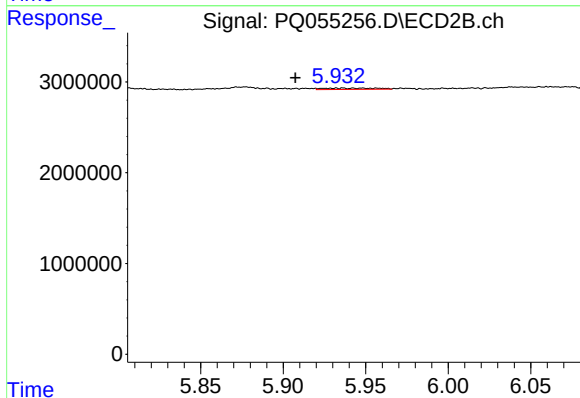
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 590570
Conc: 5.38 ng/ml



#14 AR-1232-4

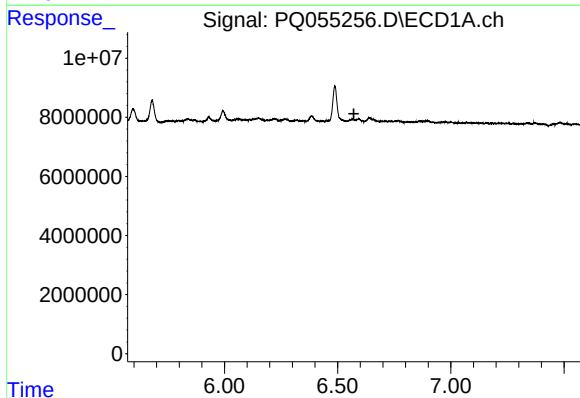
R.T.: 0.000 min
Exp R.T.: 6.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



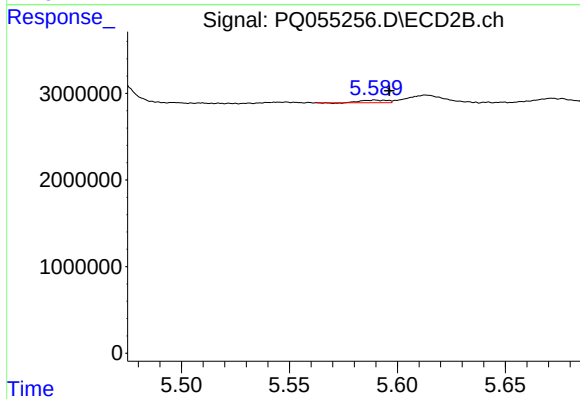
#14 AR-1232-4

R.T.: 5.932 min
Delta R.T.: 0.024 min
Response: 318748
Conc: 3.28 ng/ml



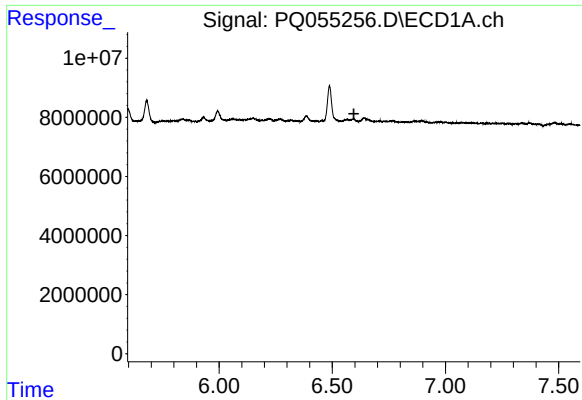
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

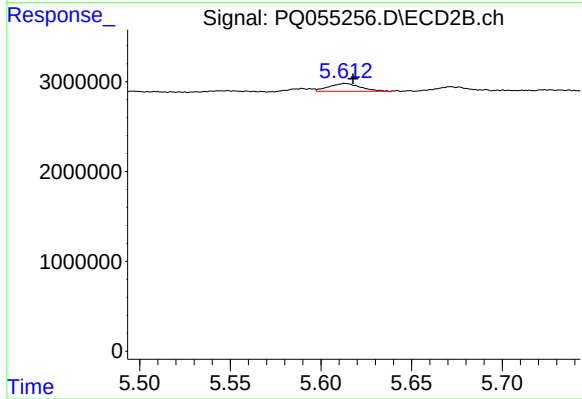
R.T.: 5.589 min
Delta R.T.: -0.007 min
Response: 238523
Conc: 0.90 ng/ml



#17 AR-1242-2

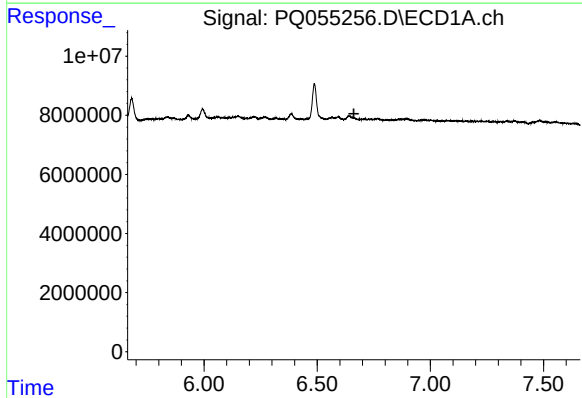
R.T.: 0.000 min
Exp R.T. : 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



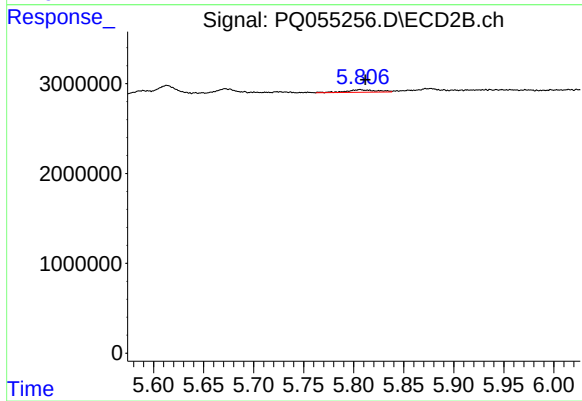
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 1048421
Conc: 2.71 ng/ml



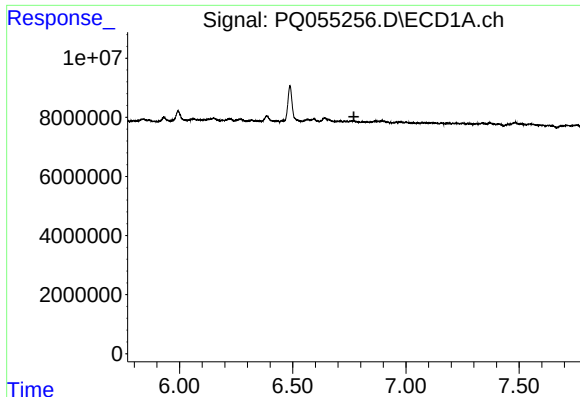
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

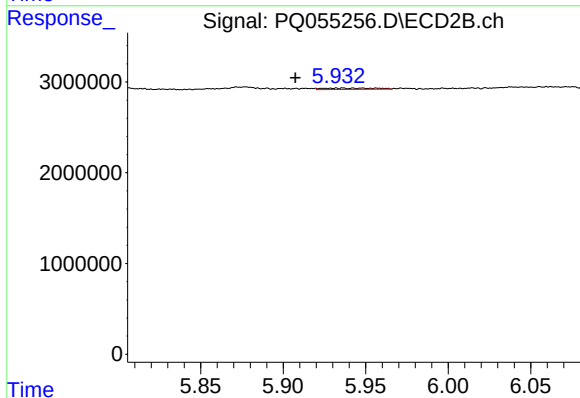
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 590570
Conc: 2.93 ng/ml



#19 AR-1242-4

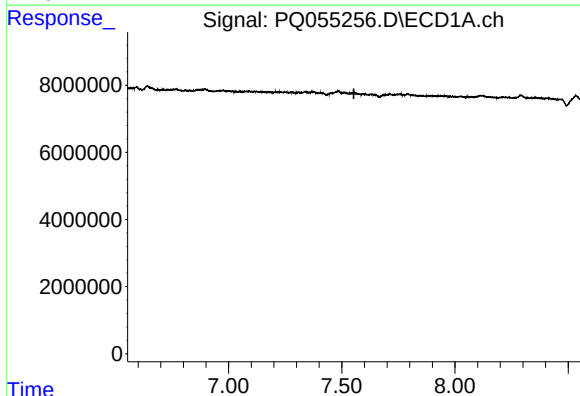
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



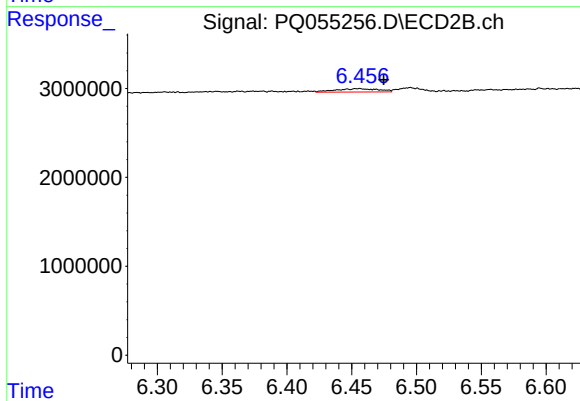
#19 AR-1242-4

R.T.: 5.932 min
Delta R.T.: 0.024 min
Response: 318748
Conc: 1.63 ng/ml



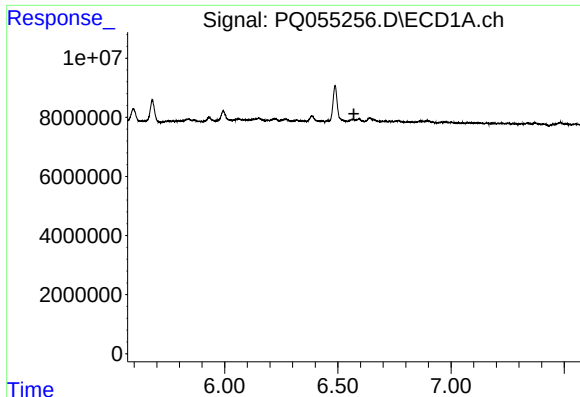
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

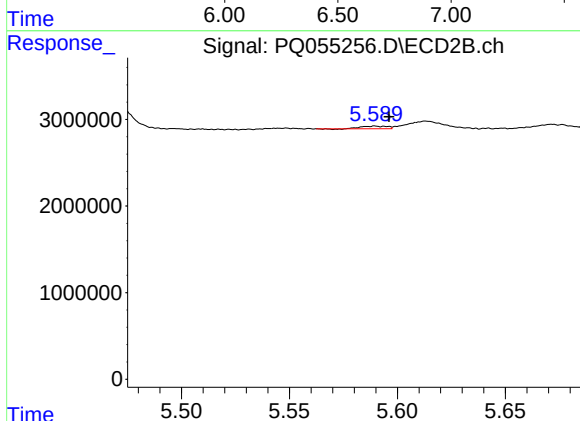
R.T.: 6.455 min
Delta R.T.: -0.019 min
Response: 849904
Conc: 3.37 ng/ml



#21 AR-1248-1

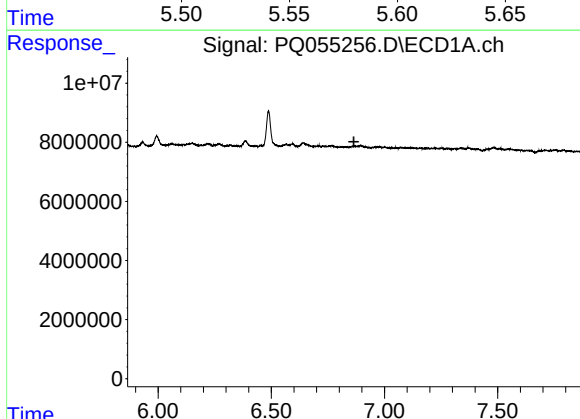
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



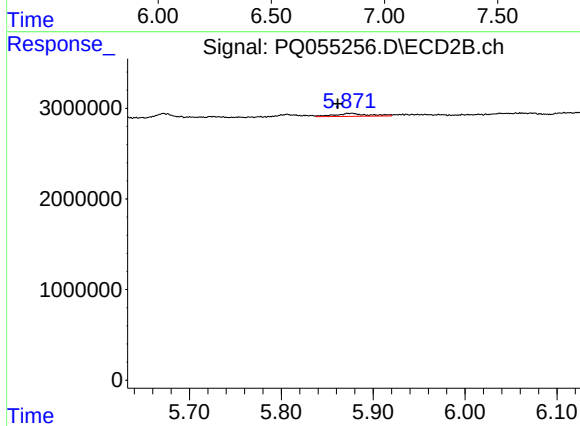
#21 AR-1248-1

R.T.: 5.589 min
Delta R.T.: -0.007 min
Response: 238523
Conc: 1.19 ng/ml



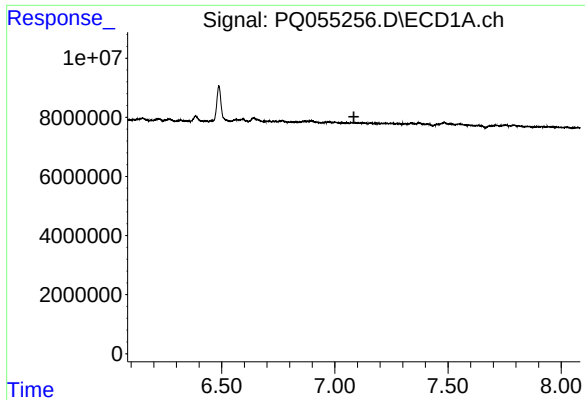
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

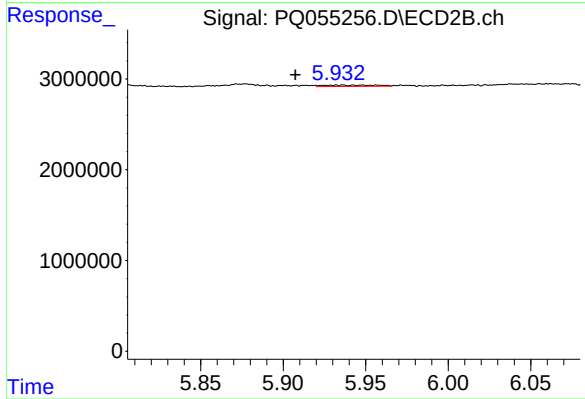
R.T.: 5.877 min
Delta R.T.: 0.015 min
Response: 838924
Conc: 2.98 ng/ml



#23 AR-1248-3

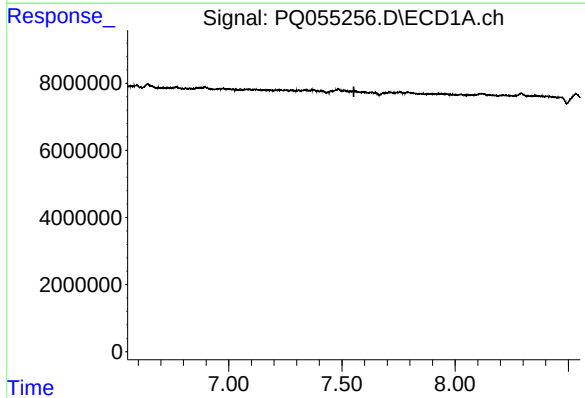
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



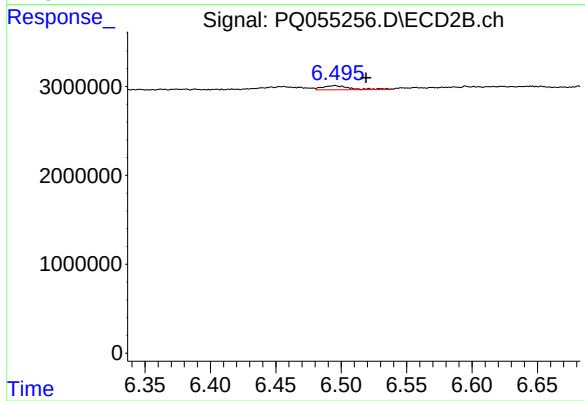
#23 AR-1248-3

R.T.: 5.932 min
Delta R.T.: 0.025 min
Response: 318748
Conc: 1.09 ng/ml



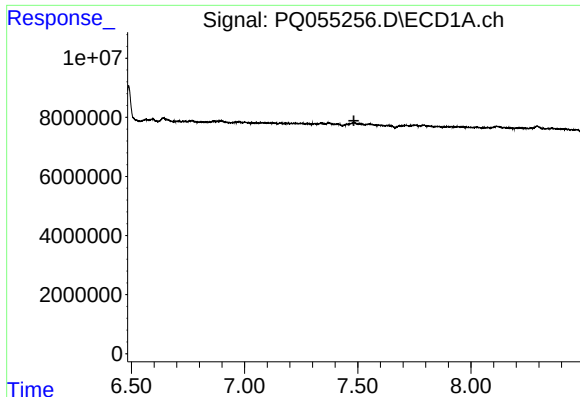
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.



#25 AR-1248-5

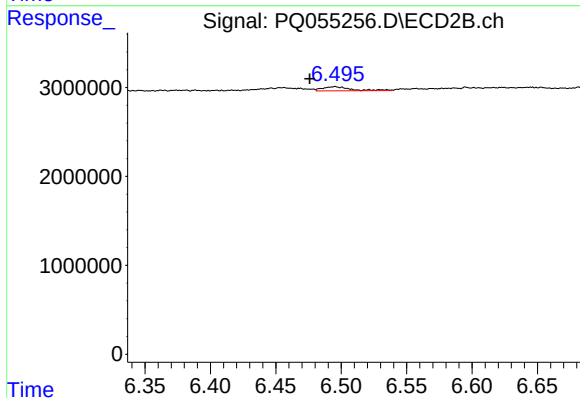
R.T.: 6.495 min
Delta R.T.: -0.024 min
Response: 698617
Conc: 2.01 ng/ml



#26 AR-1254-1

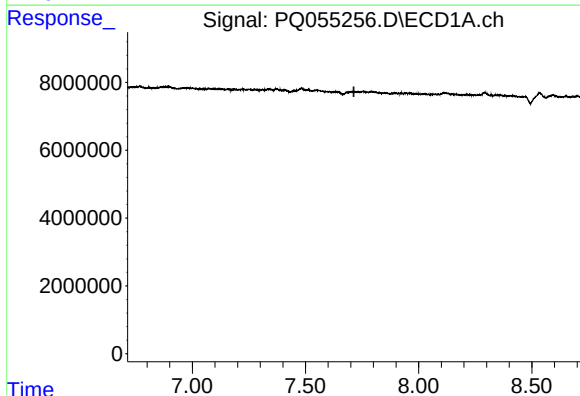
R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



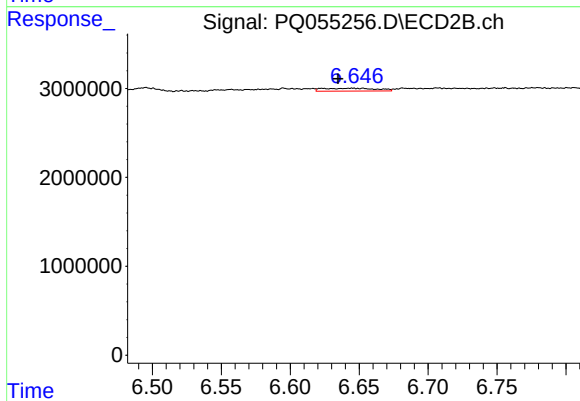
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: 0.019 min
Response: 698617
Conc: 1.26 ng/ml



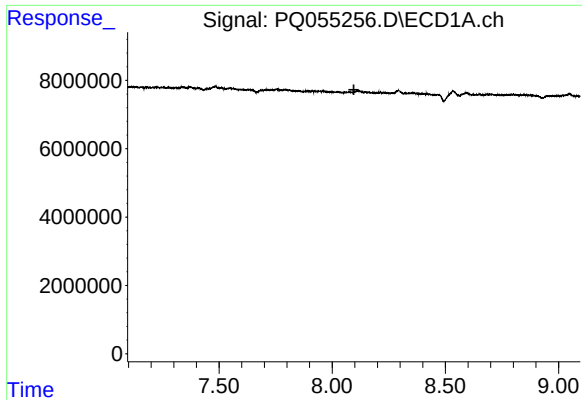
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.



#27 AR-1254-2

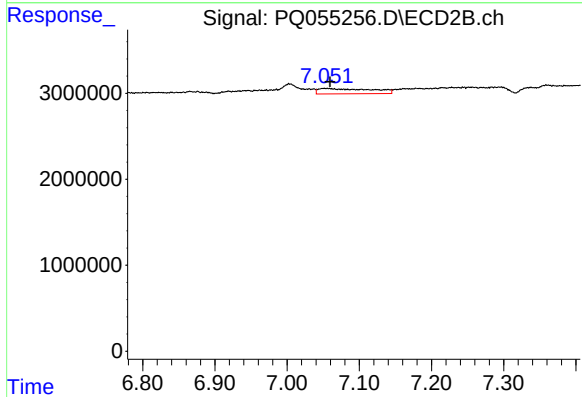
R.T.: 6.644 min
Delta R.T.: 0.010 min
Response: 867526
Conc: 1.83 ng/ml



#28 AR-1254-3

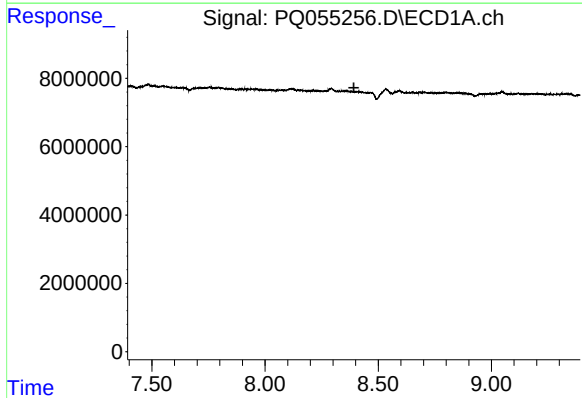
R.T.: 0.000 min
Exp R.T.: 8.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



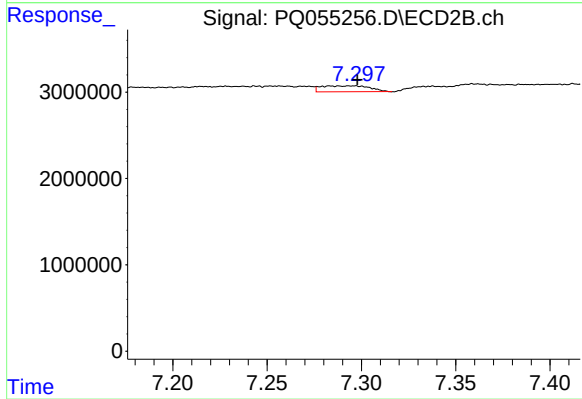
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 3206745
Conc: 4.08 ng/ml



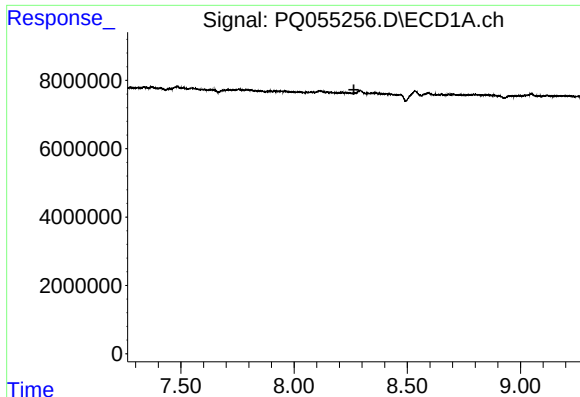
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.



#29 AR-1254-4

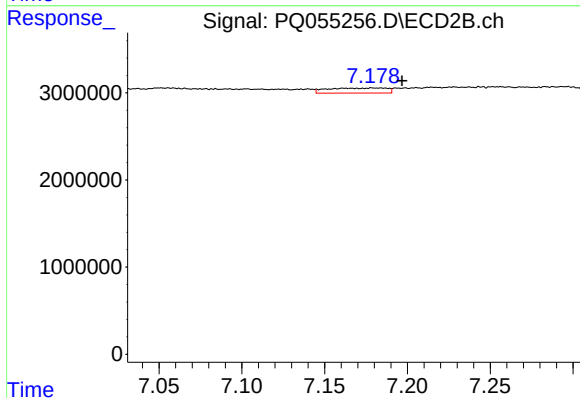
R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 1220519
Conc: 2.56 ng/ml



#31 AR-1260-1

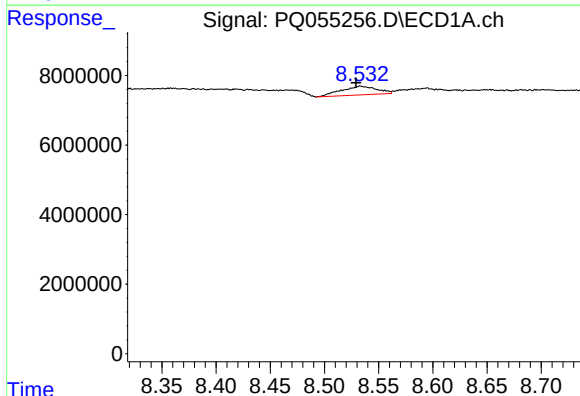
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



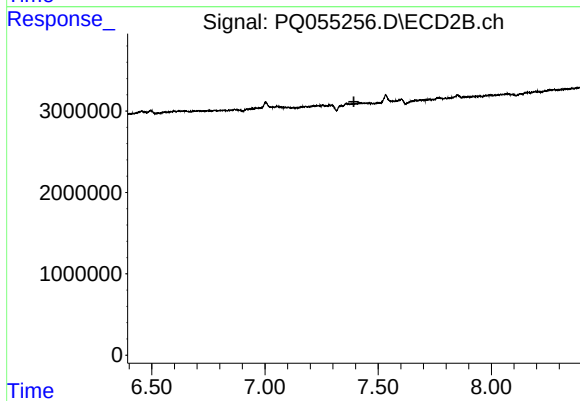
#31 AR-1260-1

R.T.: 7.181 min
Delta R.T.: -0.016 min
Response: 1437238
Conc: 2.87 ng/ml



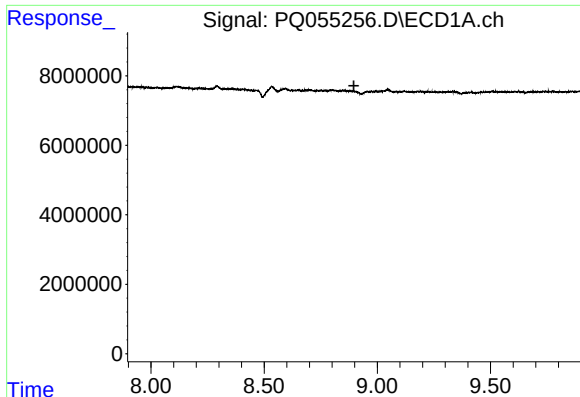
#32 AR-1260-2

R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 5719644
Conc: 6.89 ng/ml



#32 AR-1260-2

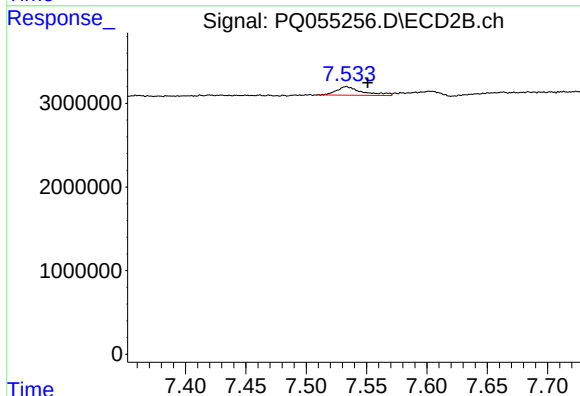
R.T.: 0.000 min
Exp R.T.: 7.393 min
Response: 0
Conc: N.D.



#33 AR-1260-3

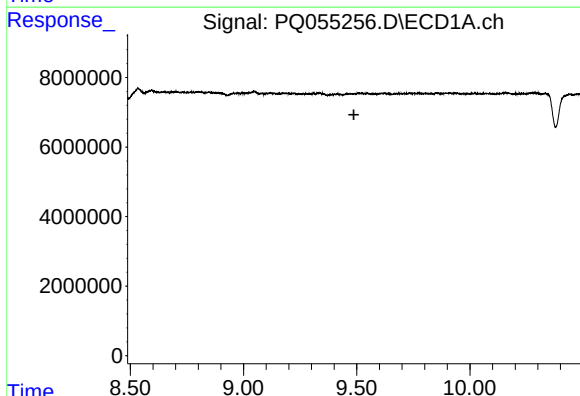
R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



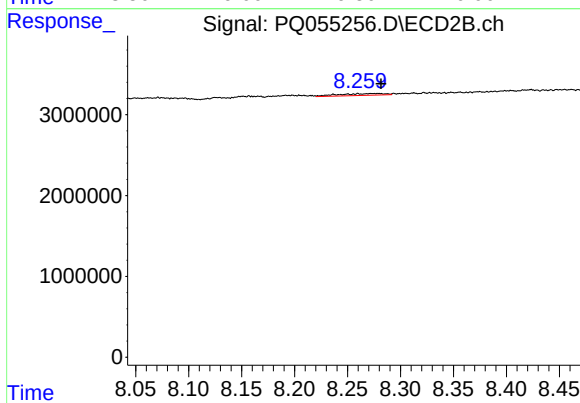
#33 AR-1260-3

R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 1533819
Conc: 2.69 ng/ml



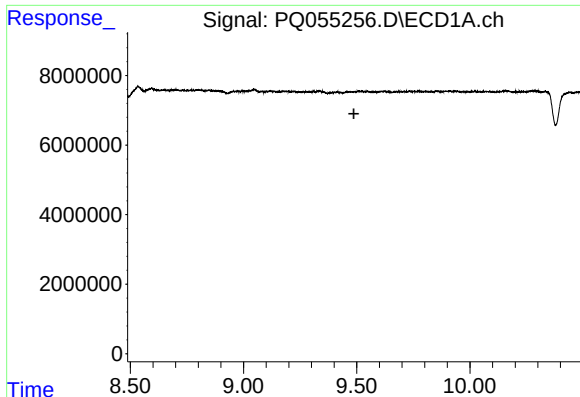
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.488 min
Response: 0
Conc: N.D.



#35 AR-1260-5

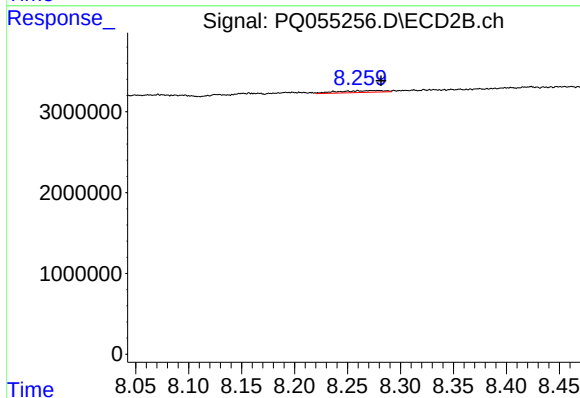
R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 708754
Conc: 0.61 ng/ml



#37 AR-1262-2

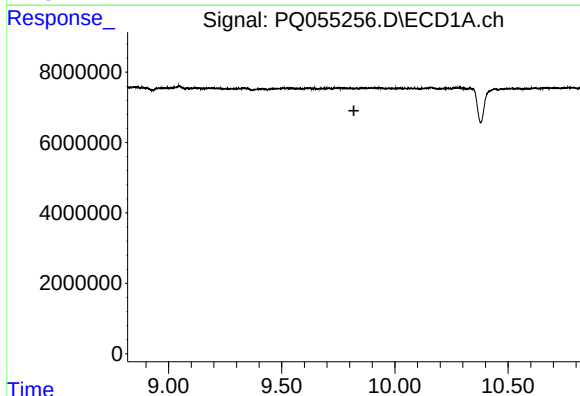
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



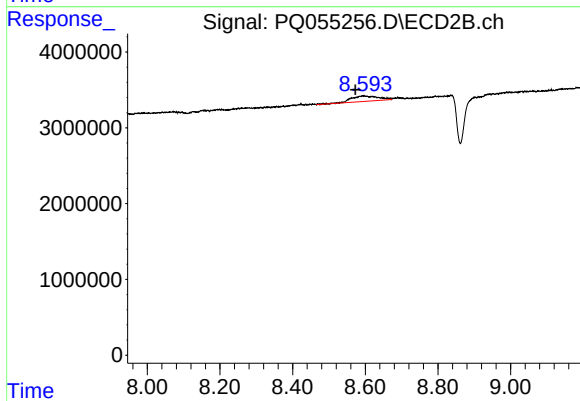
#37 AR-1262-2

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 708754
Conc: 0.58 ng/ml



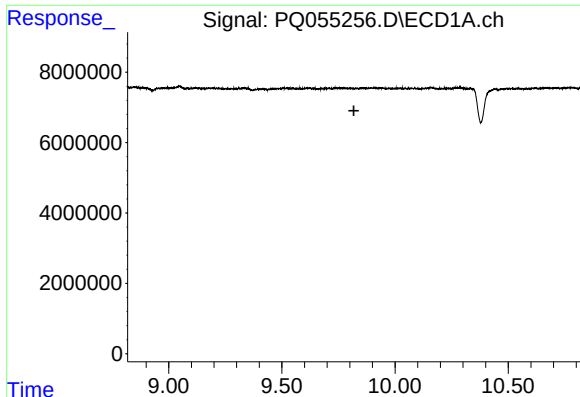
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

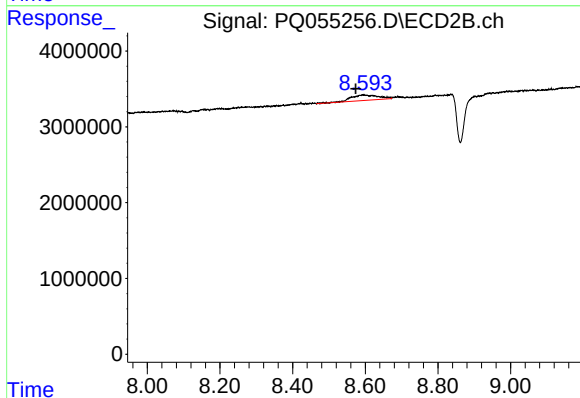
R.T.: 8.594 min
Delta R.T.: 0.022 min
Response: 3702679
Conc: 8.01 ng/ml



#41 AR-1268-1

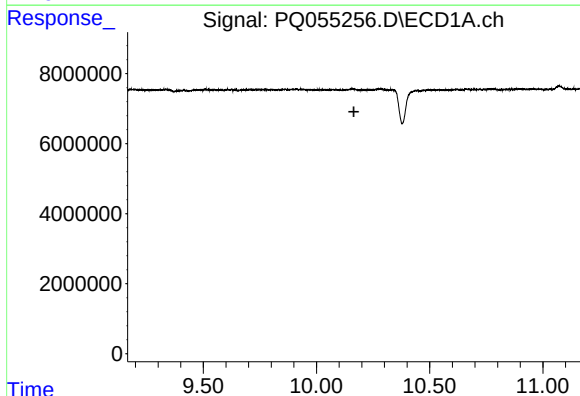
R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



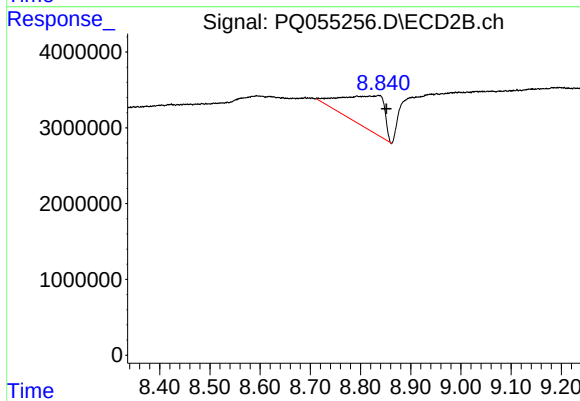
#41 AR-1268-1

R.T.: 8.594 min
Delta R.T.: 0.021 min
Response: 3702679
Conc: 2.62 ng/ml



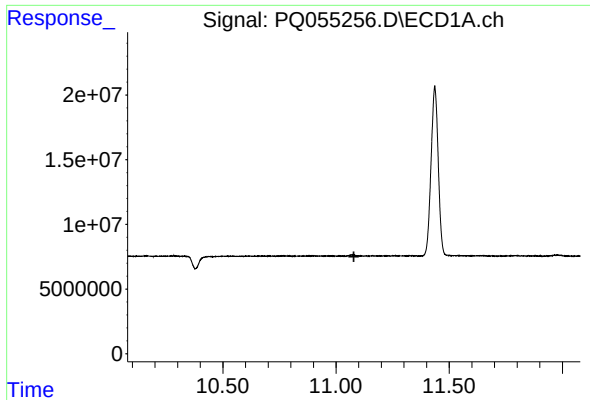
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.



#43 AR-1268-3

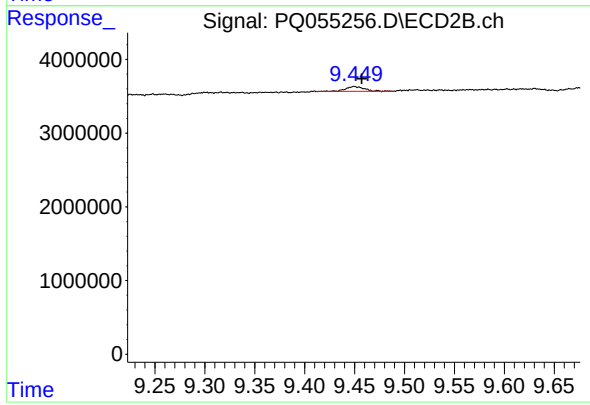
R.T.: 8.836 min
Delta R.T.: -0.016 min
Response: 24473106
Conc: 22.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.007 min
Response: 827611
Conc: 0.23 ng/ml