

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 06:44
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 07:59:06 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...	5.246	4.318	299.3E6	176.3E6	17.024	17.145
2)	SA Decachlor...	11.434	9.722	308.6E6	161.9E6	19.566	18.078
Target Compounds							
3)	L1 AR-1016-1	6.568	5.590	7040045	3783394	11.940	10.553
4)	L1 AR-1016-2	6.591	5.612	7939685	4285721	8.832	8.325
5)	L1 AR-1016-3	6.657	5.807	5595961	2878295	9.965	10.748
6)	L1 AR-1016-4	6.766	5.855	5423572	7201536	11.358	33.199 #
7)	L1 AR-1016-5	7.082	6.088	11776968	6189053	27.019	22.608
8)	L2 AR-1221-1	5.498	4.570	13987810	320634	67.101	2.973 #
9)	L2 AR-1221-2	5.600	4.678	4532088	2368786	25.900	30.567
10)	L2 AR-1221-3	0.000	4.772	0	461660	N.D.	1.793 #
11)	L3 AR-1232-1	0.000	4.772	0	461660	N.D.	2.124 #
12)	L3 AR-1232-2	6.271	5.612	3166628	4285721	15.859	20.342 #
13)	L3 AR-1232-3	6.591	5.807	7939685	2878295	20.846	26.225 #
14)	L3 AR-1232-4	6.766	5.901	5423572	5991012	26.486	61.716 #
15)	L3 AR-1232-5	6.861	6.088	10517221	6189053	75.639	60.050
16)	L4 AR-1242-1	6.568	5.590	7040045	3783394	16.101	14.202
17)	L4 AR-1242-2	6.591	5.612	7939685	4285721	11.825	11.065
18)	L4 AR-1242-3	6.657	5.807	5595961	2878295	13.230	14.273
19)	L4 AR-1242-4	6.766	5.901	5423572	5991012	15.217	30.602 #
20)	L4 AR-1242-5	7.550	6.468	17768449	11262845	48.645	44.667
21)	L5 AR-1248-1	6.568	5.590	7040045	3783394	20.700	18.903
22)	L5 AR-1248-2	6.861	5.855	10517221	7201536	22.948	25.613
23)	L5 AR-1248-3	7.082	5.901	11776968	5991012	21.837	20.477
24)	L5 AR-1248-4	7.511	6.088	14274501	6189053	23.524	17.779
25)	L5 AR-1248-5	7.550	6.512	17768449	8363619	29.033	24.035
26)	L6 AR-1254-1	7.482	6.468	17504315	11262845	29.818	20.363 #
27)	L6 AR-1254-2	7.716	6.628	16588555	4764984	18.303	10.069 #
28)	L6 AR-1254-3	8.093	7.054	8180098	9095291	8.036	11.585 #
29)	L6 AR-1254-4	8.387	7.292	4568731	6755883	6.072	14.159 #
30)	L6 AR-1254-5	0.000	7.725	0	940801	N.D.	1.406 #
31)	L7 AR-1260-1	0.000	7.203	0	4911131	N.D.	9.798 #
32)	L7 AR-1260-2	8.536	7.387	3979755	1616379	4.796	2.673 #
33)	L7 AR-1260-3	0.000	7.534f	0	4385609	N.D.	7.679 #
35)	L7 AR-1260-5	0.000	8.280	0	393944	N.D.	0.341 #
36)	L8 AR-1262-1	0.000	7.725	0	940801	N.D.	2.766 #
37)	L8 AR-1262-2	0.000	8.280	0	393944	N.D.	0.320 #
38)	L8 AR-1262-3	0.000	8.588f	0	14778867	N.D.	31.974 #
40)	L8 AR-1262-5	0.000	9.146	0	847940	N.D.	2.112 #
41)	L9 AR-1268-1	0.000	8.588	0	14778867	N.D.	10.445 #
43)	L9 AR-1268-3	0.000	8.845	0	778700	N.D.	0.712 #
44)	L9 AR-1268-4	0.000	9.146	0	847940	N.D.	1.877 #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	9.450	0	819734	N.D.	0.232 #

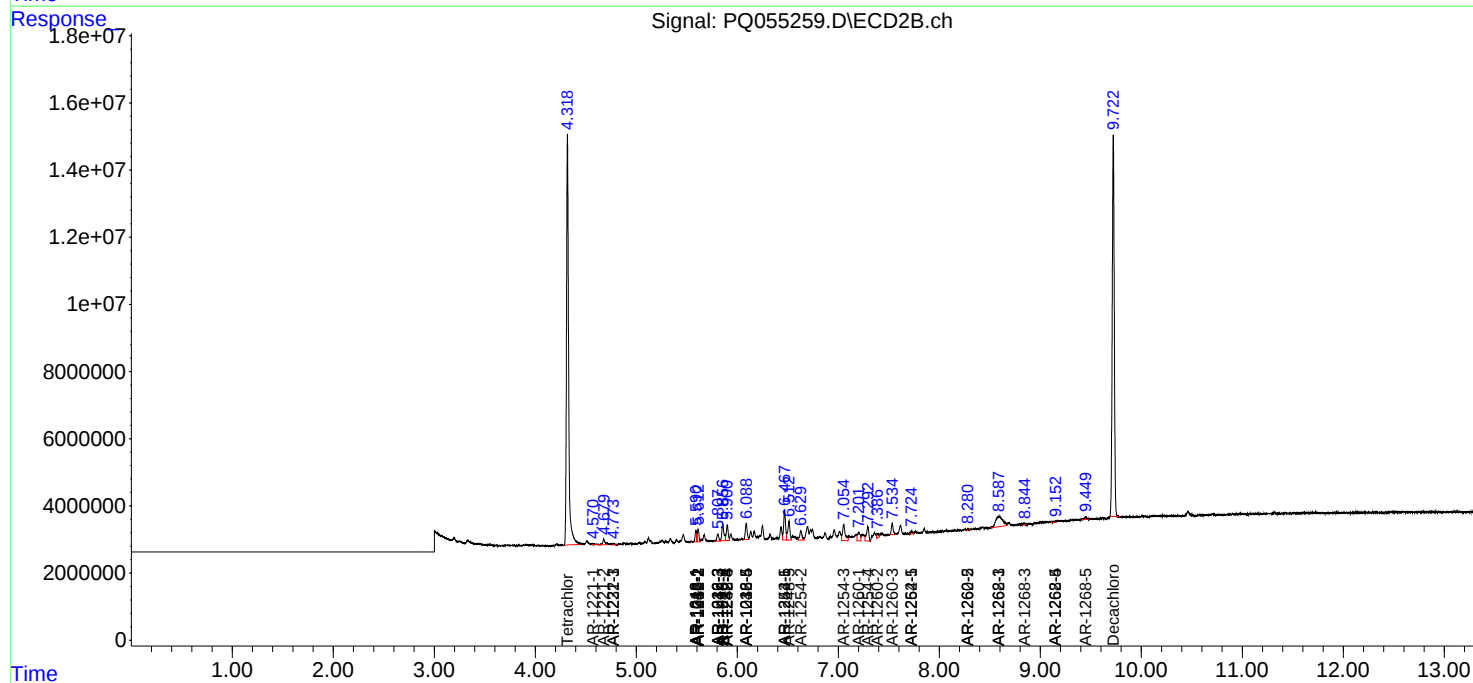
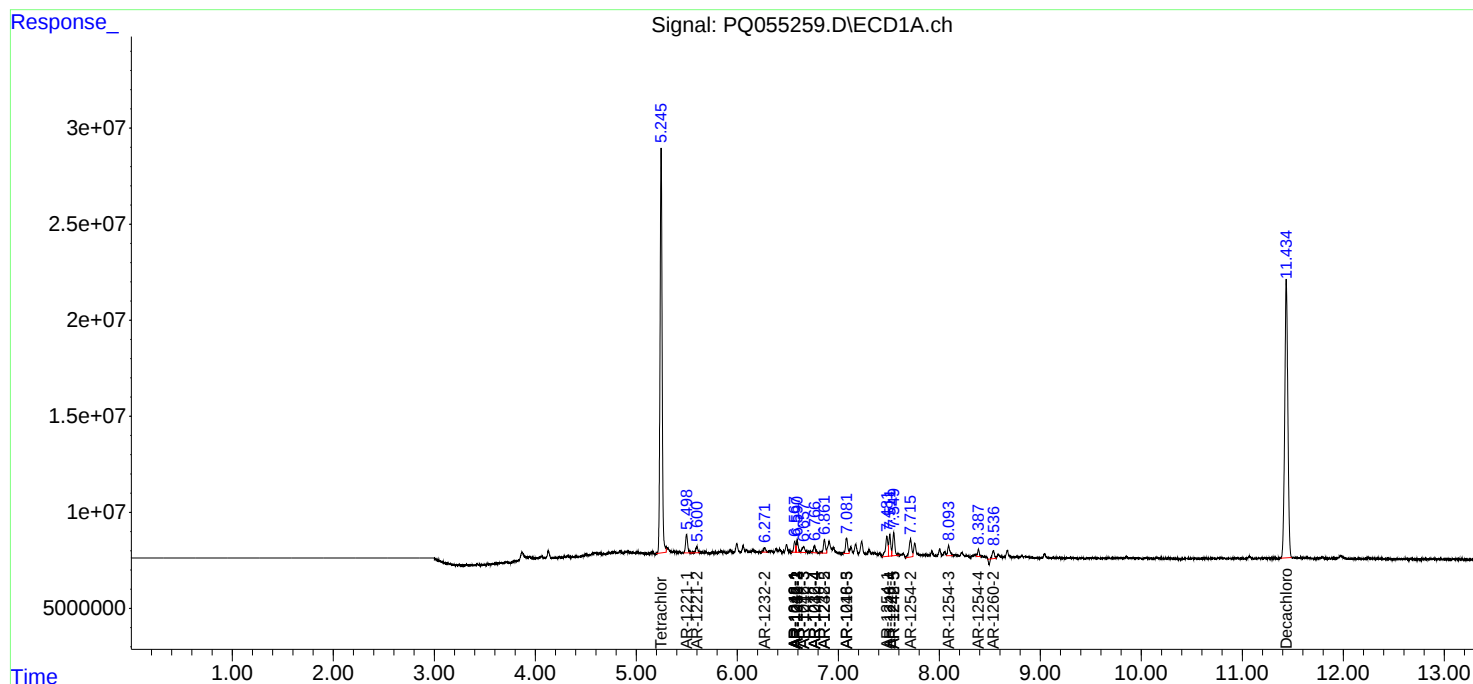
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

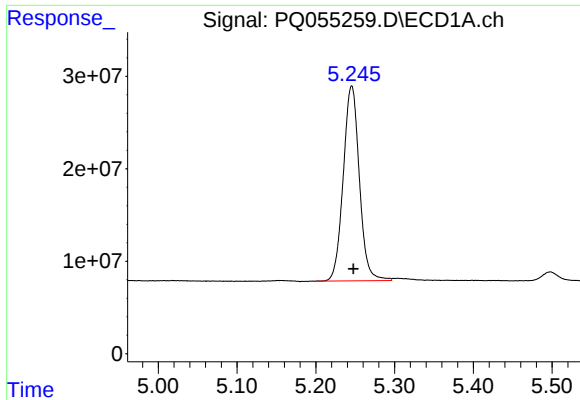
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055259.D
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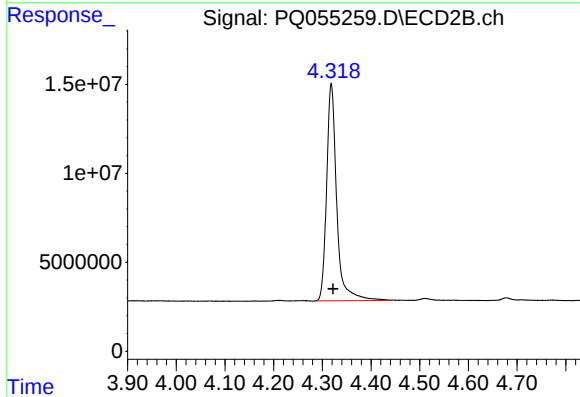




#1 Tetrachloro-m-xylene

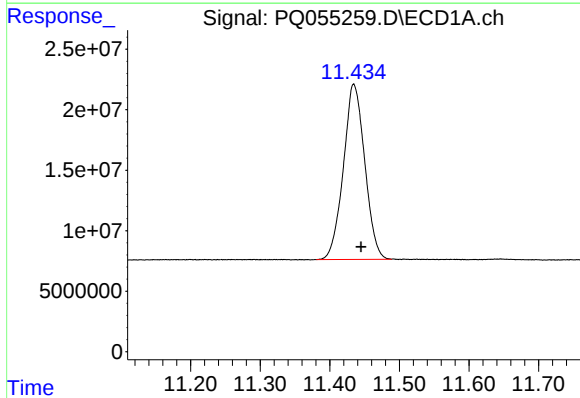
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 299315982
Conc: 17.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



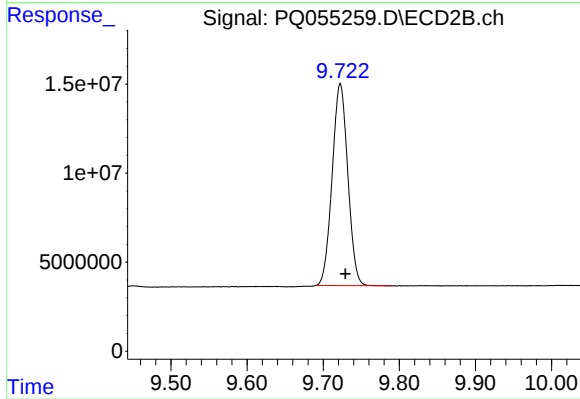
#1 Tetrachloro-m-xylene

R.T.: 4.318 min
Delta R.T.: -0.004 min
Response: 176309419
Conc: 17.15 ng/ml



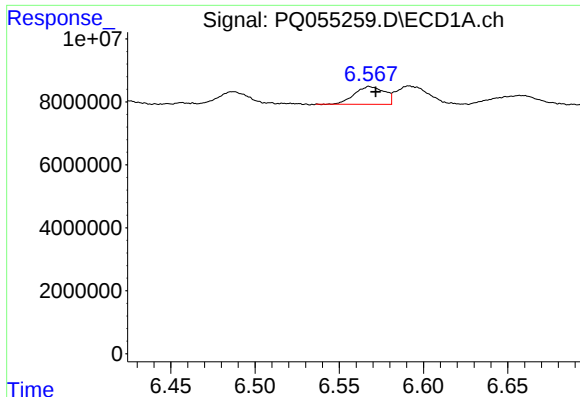
#2 Decachlorobiphenyl

R.T.: 11.434 min
Delta R.T.: -0.011 min
Response: 308610517
Conc: 19.57 ng/ml



#2 Decachlorobiphenyl

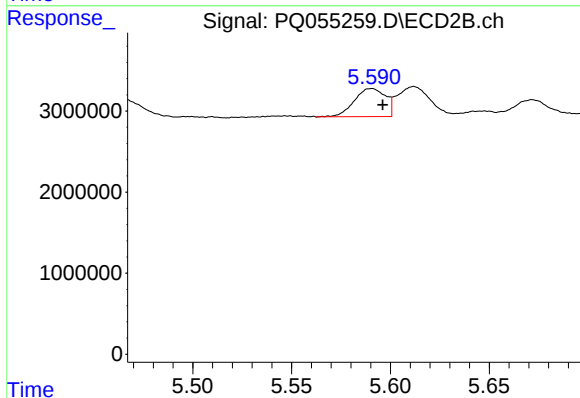
R.T.: 9.722 min
Delta R.T.: -0.007 min
Response: 161876473
Conc: 18.08 ng/ml



#3 AR-1016-1

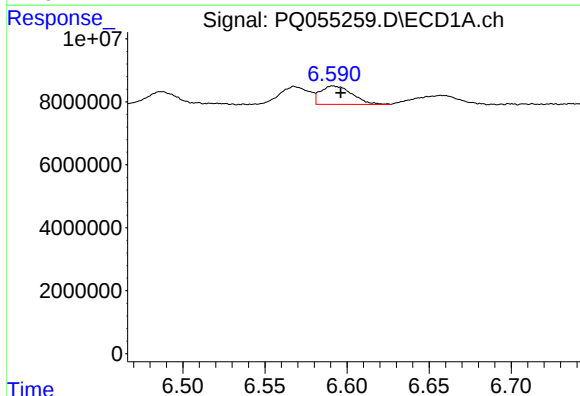
R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 7040045
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



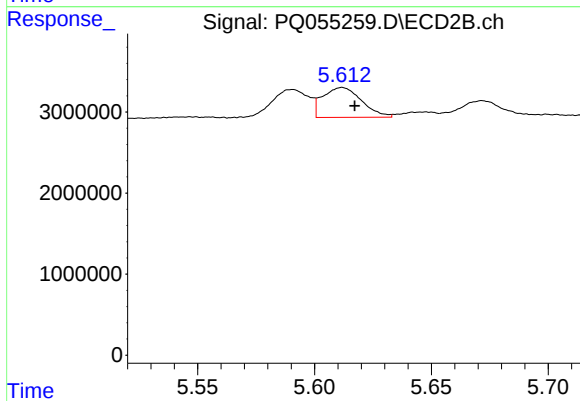
#3 AR-1016-1

R.T.: 5.590 min
Delta R.T.: -0.006 min
Response: 3783394
Conc: 10.55 ng/ml



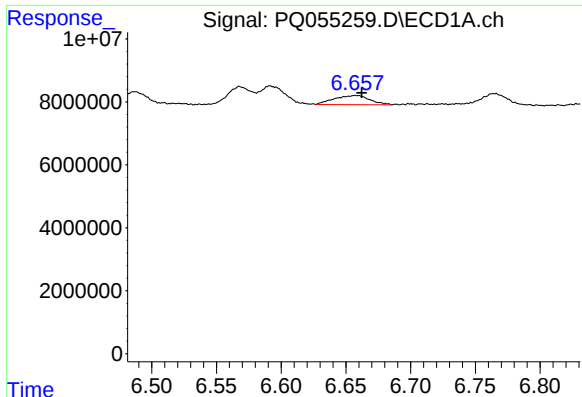
#4 AR-1016-2

R.T.: 6.591 min
Delta R.T.: -0.005 min
Response: 7939685
Conc: 8.83 ng/ml



#4 AR-1016-2

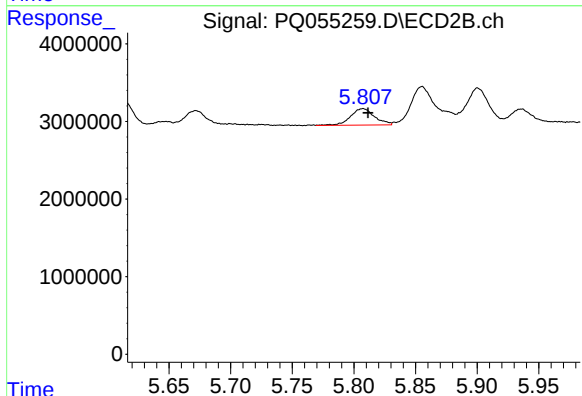
R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 4285721
Conc: 8.32 ng/ml



#5 AR-1016-3

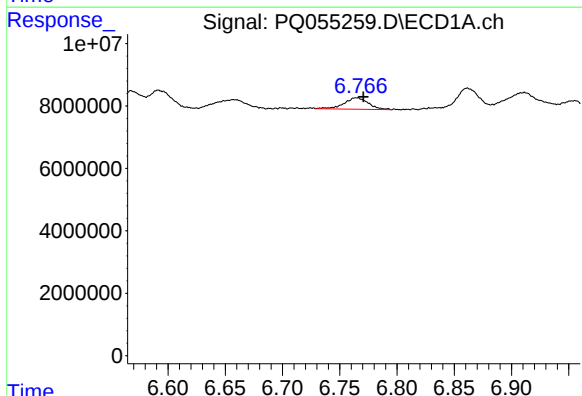
R.T.: 6.657 min
Delta R.T.: -0.005 min
Response: 5595961
Conc: 9.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



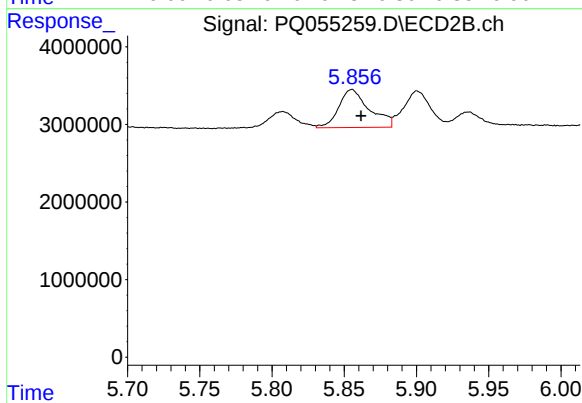
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 2878295
Conc: 10.75 ng/ml



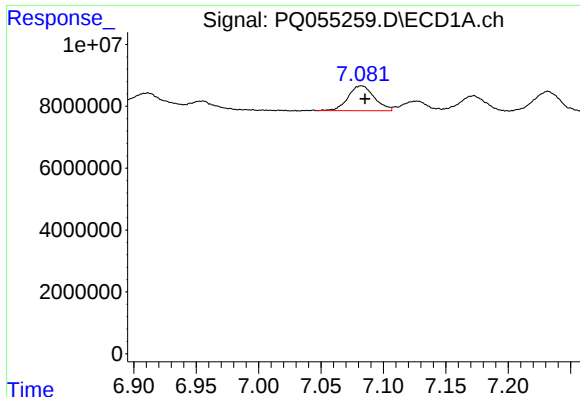
#6 AR-1016-4

R.T.: 6.766 min
Delta R.T.: -0.005 min
Response: 5423572
Conc: 11.36 ng/ml



#6 AR-1016-4

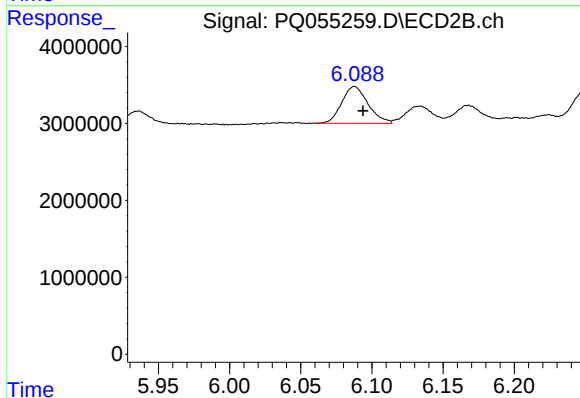
R.T.: 5.855 min
Delta R.T.: -0.006 min
Response: 7201536
Conc: 33.20 ng/ml



#7 AR-1016-5

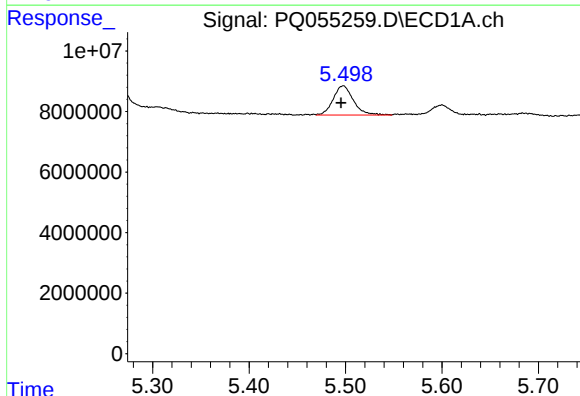
R.T.: 7.082 min
Delta R.T.: -0.003 min
Response: 11776968
Conc: 27.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



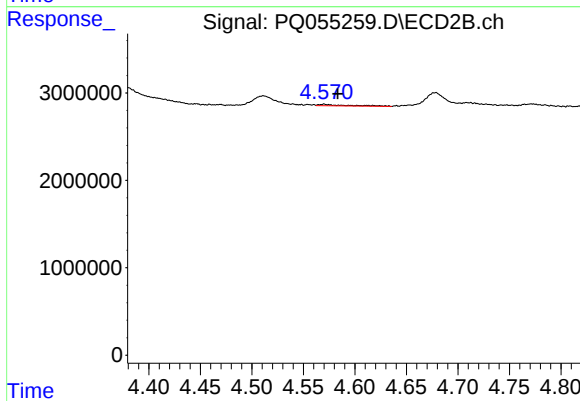
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6189053
Conc: 22.61 ng/ml



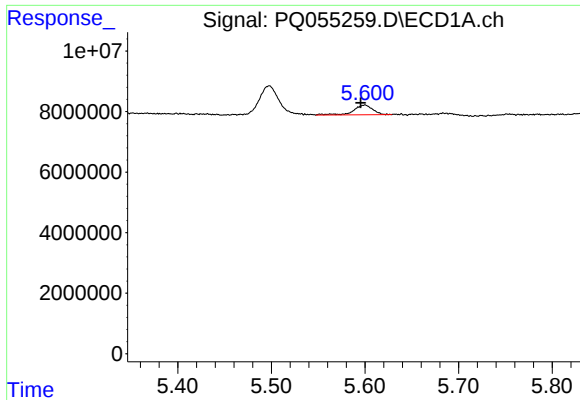
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 13987810
Conc: 67.10 ng/ml



#8 AR-1221-1

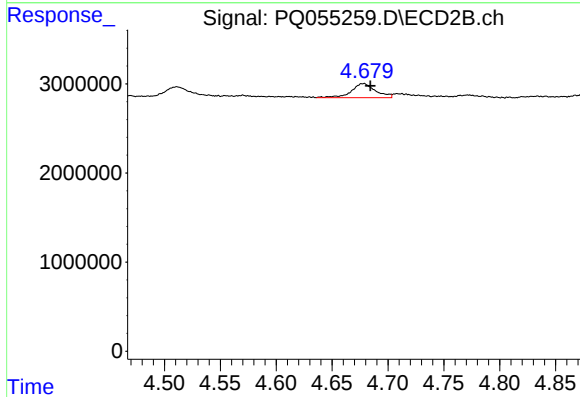
R.T.: 4.570 min
Delta R.T.: -0.013 min
Response: 320634
Conc: 2.97 ng/ml



#9 AR-1221-2

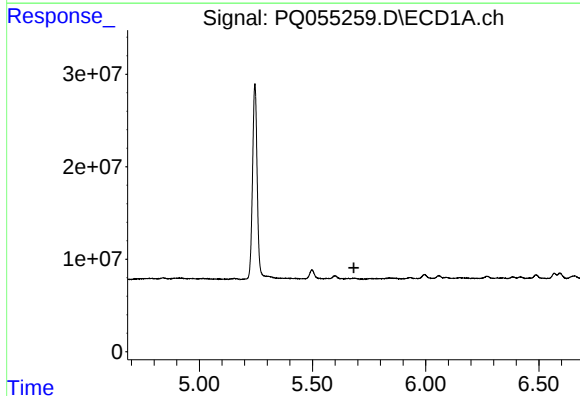
R.T.: 5.600 min
Delta R.T.: 0.005 min
Response: 4532088
Conc: 25.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



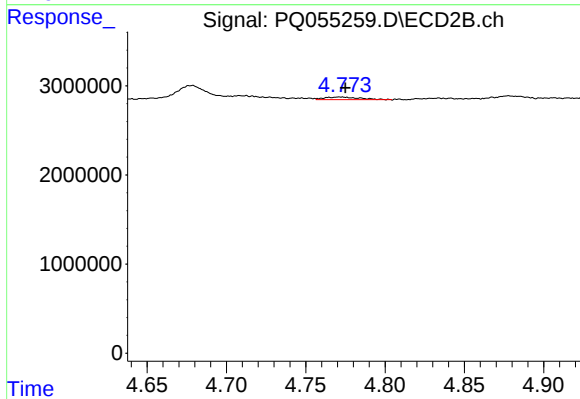
#9 AR-1221-2

R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 2368786
Conc: 30.57 ng/ml



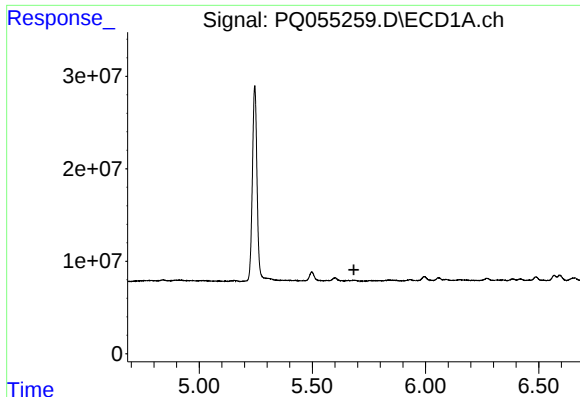
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

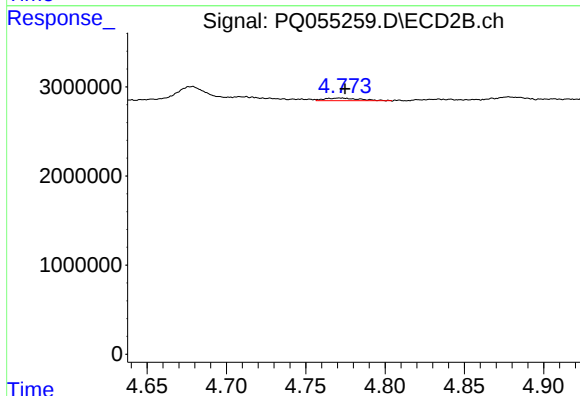
R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 461660
Conc: 1.79 ng/ml



#11 AR-1232-1

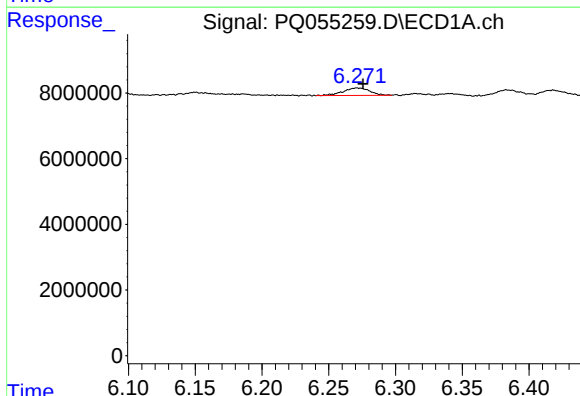
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



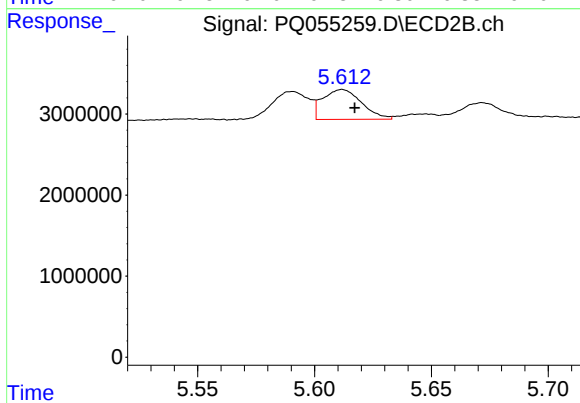
#11 AR-1232-1

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 461660
Conc: 2.12 ng/ml



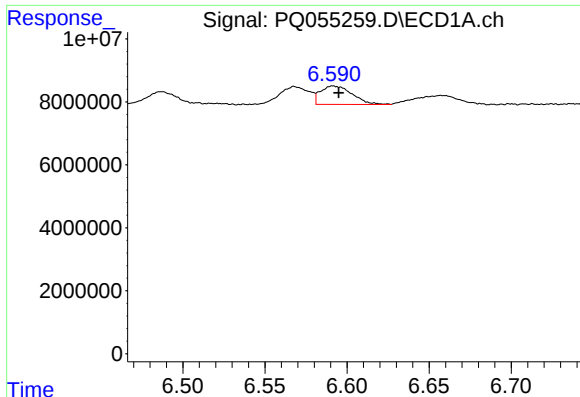
#12 AR-1232-2

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 3166628
Conc: 15.86 ng/ml



#12 AR-1232-2

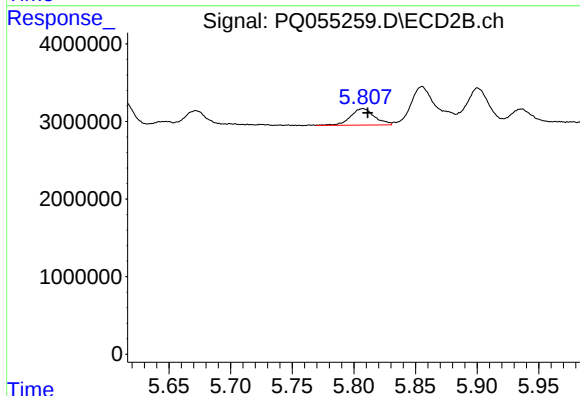
R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 4285721
Conc: 20.34 ng/ml



#13 AR-1232-3

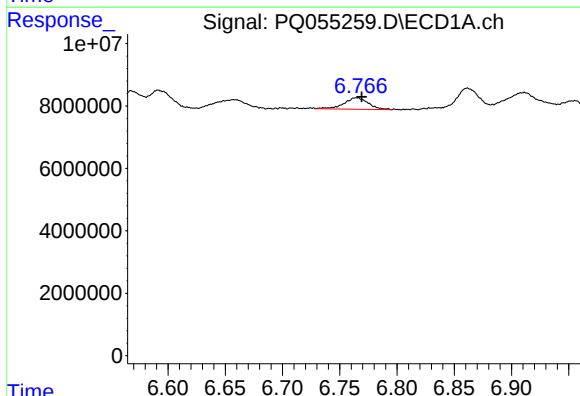
R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 7939685
Conc: 20.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



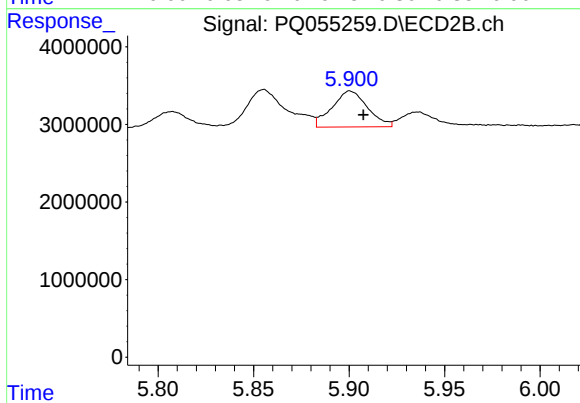
#13 AR-1232-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 2878295
Conc: 26.23 ng/ml



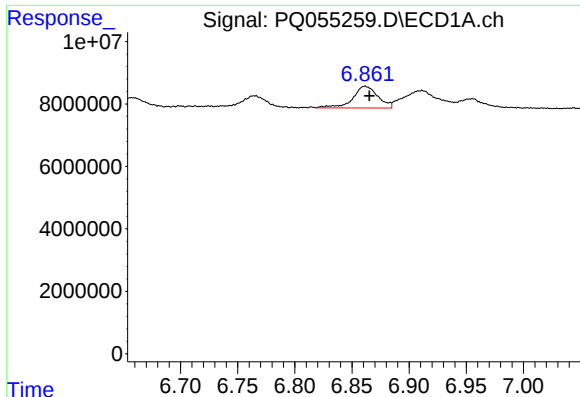
#14 AR-1232-4

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 5423572
Conc: 26.49 ng/ml



#14 AR-1232-4

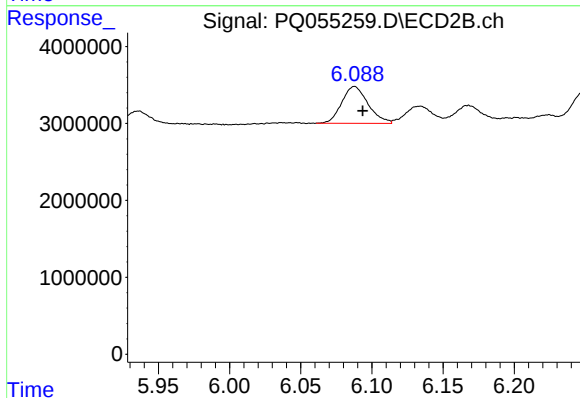
R.T.: 5.901 min
Delta R.T.: -0.007 min
Response: 5991012
Conc: 61.72 ng/ml



#15 AR-1232-5

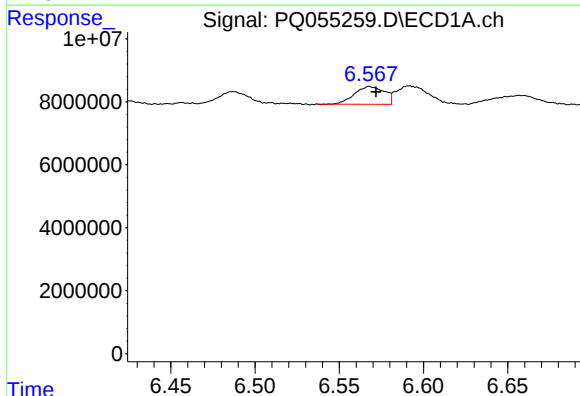
R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 10517221
Conc: 75.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



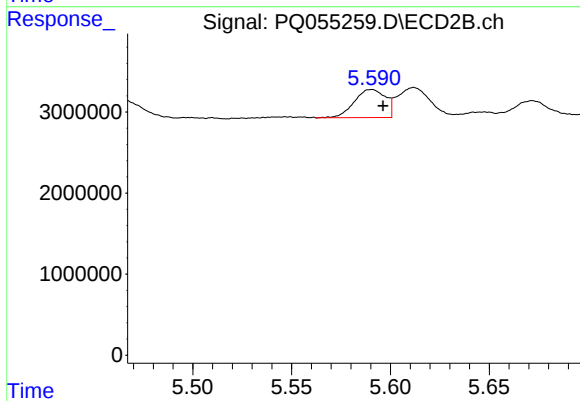
#15 AR-1232-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6189053
Conc: 60.05 ng/ml



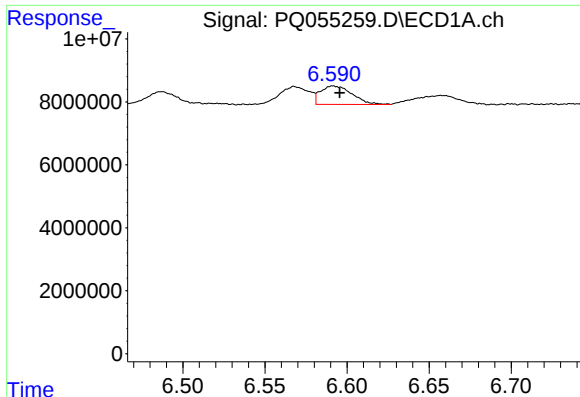
#16 AR-1242-1

R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 7040045
Conc: 16.10 ng/ml



#16 AR-1242-1

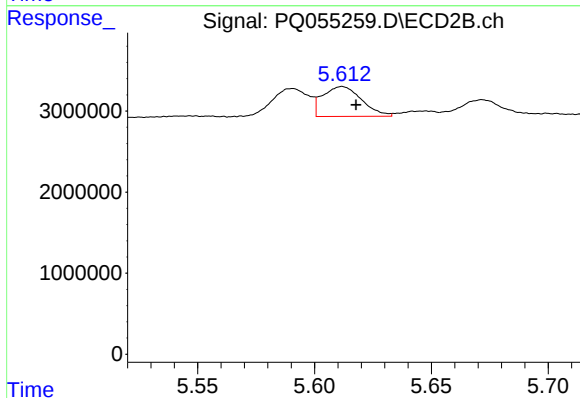
R.T.: 5.590 min
Delta R.T.: -0.006 min
Response: 3783394
Conc: 14.20 ng/ml



#17 AR-1242-2

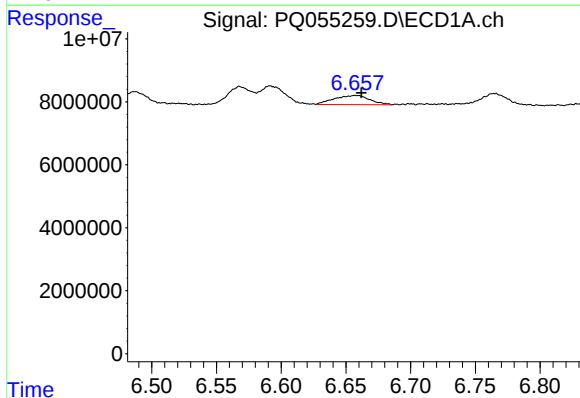
R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 7939685
Conc: 11.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



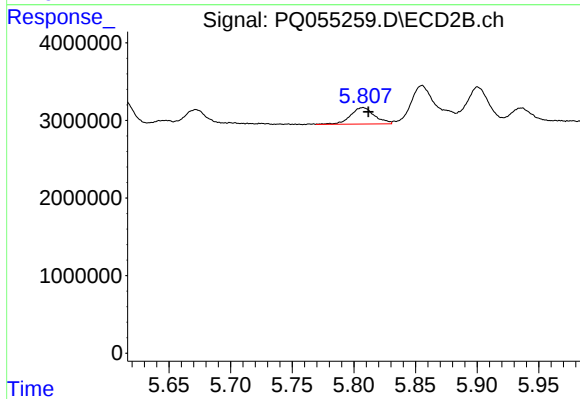
#17 AR-1242-2

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 4285721
Conc: 11.06 ng/ml



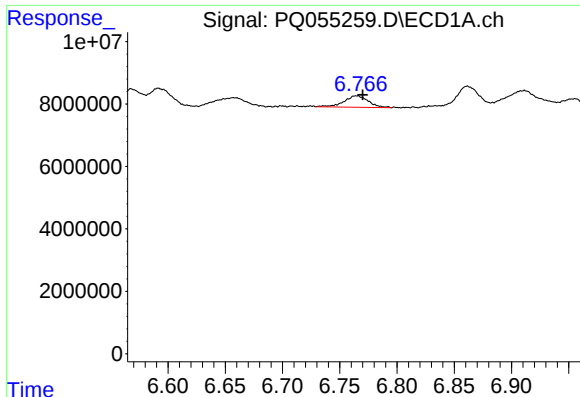
#18 AR-1242-3

R.T.: 6.657 min
Delta R.T.: -0.005 min
Response: 5595961
Conc: 13.23 ng/ml



#18 AR-1242-3

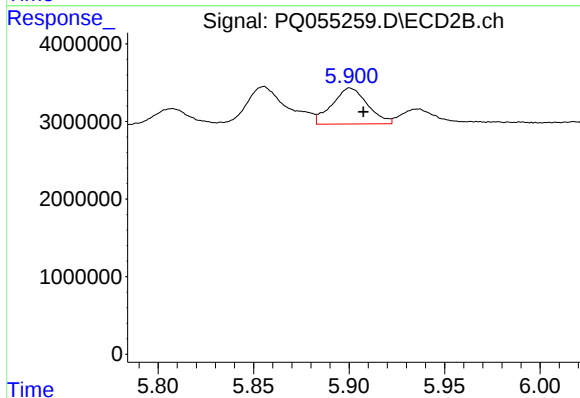
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2878295
Conc: 14.27 ng/ml



#19 AR-1242-4

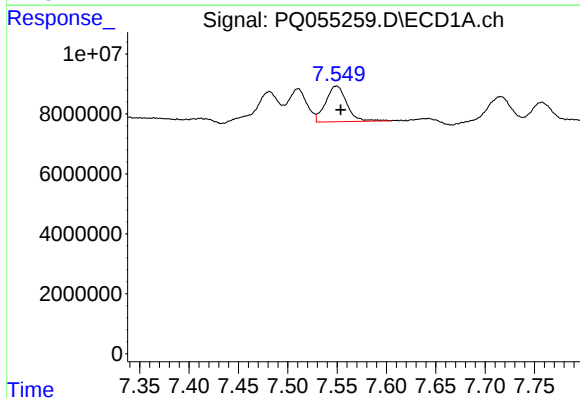
R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 5423572
Conc: 15.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



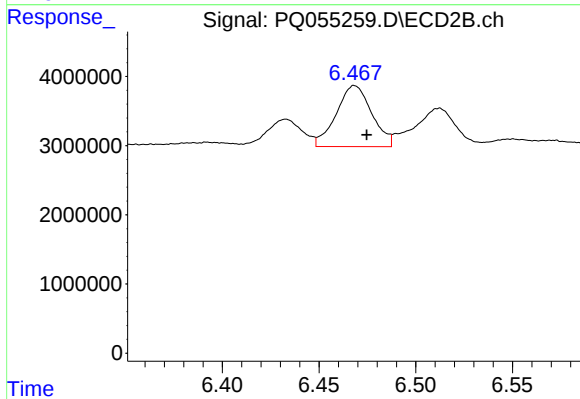
#19 AR-1242-4

R.T.: 5.901 min
Delta R.T.: -0.007 min
Response: 5991012
Conc: 30.60 ng/ml



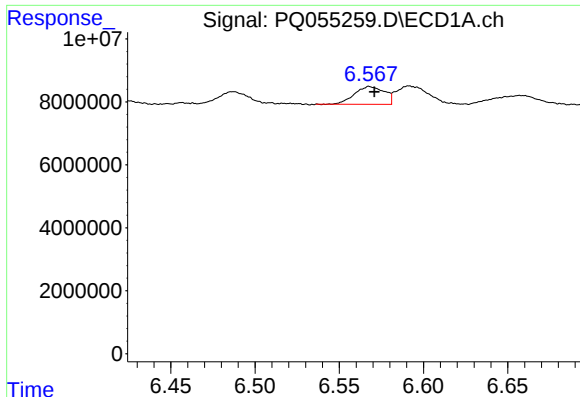
#20 AR-1242-5

R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 17768449
Conc: 48.65 ng/ml



#20 AR-1242-5

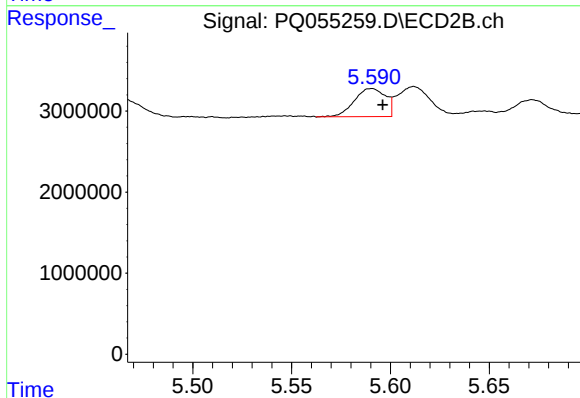
R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 11262845
Conc: 44.67 ng/ml



#21 AR-1248-1

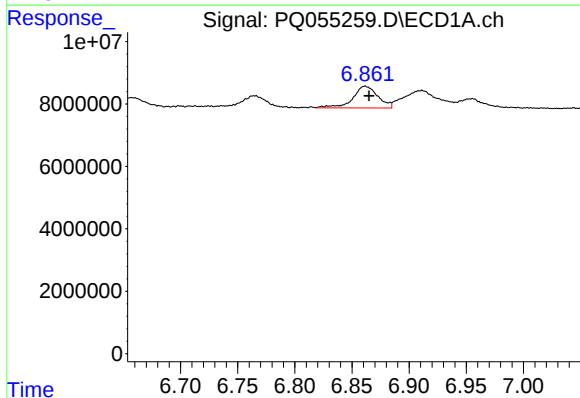
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 7040045
Conc: 20.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



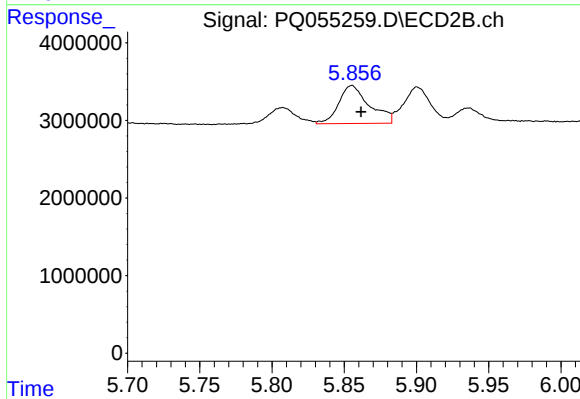
#21 AR-1248-1

R.T.: 5.590 min
Delta R.T.: -0.006 min
Response: 3783394
Conc: 18.90 ng/ml



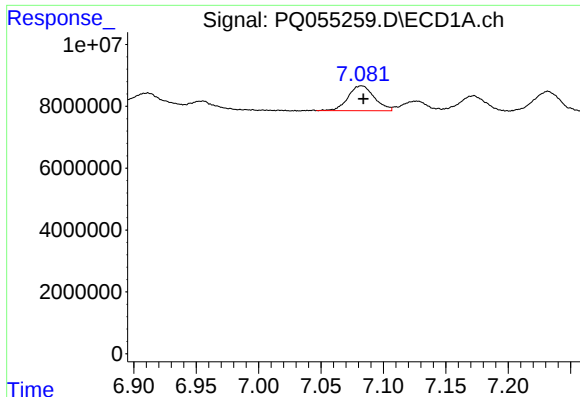
#22 AR-1248-2

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 10517221
Conc: 22.95 ng/ml



#22 AR-1248-2

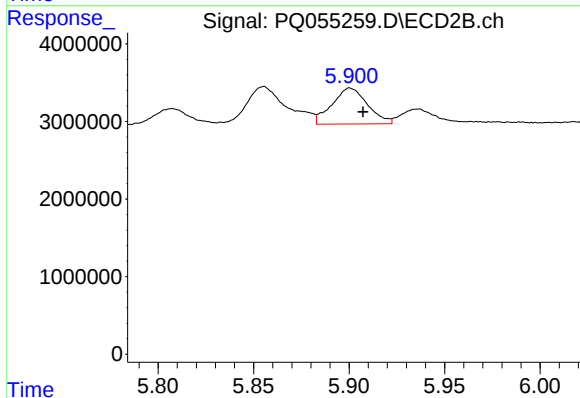
R.T.: 5.855 min
Delta R.T.: -0.006 min
Response: 7201536
Conc: 25.61 ng/ml



#23 AR-1248-3

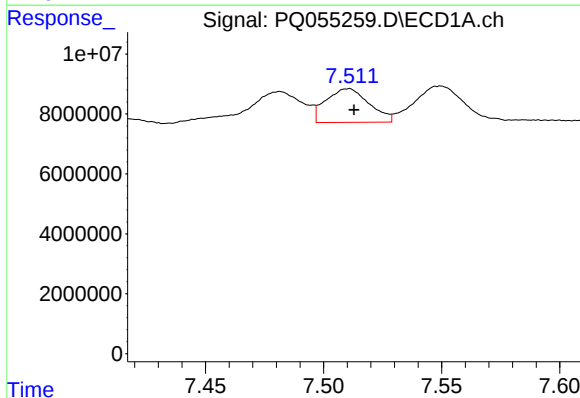
R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 11776968
Conc: 21.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



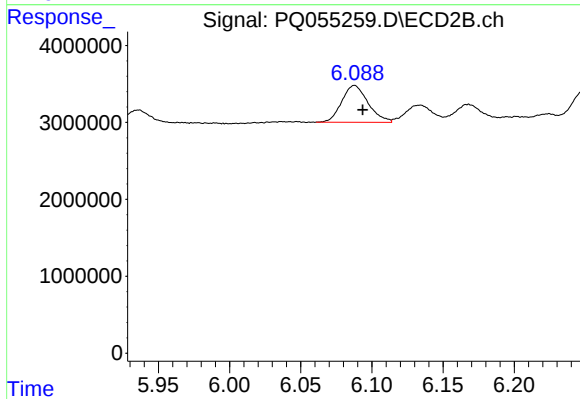
#23 AR-1248-3

R.T.: 5.901 min
Delta R.T.: -0.007 min
Response: 5991012
Conc: 20.48 ng/ml



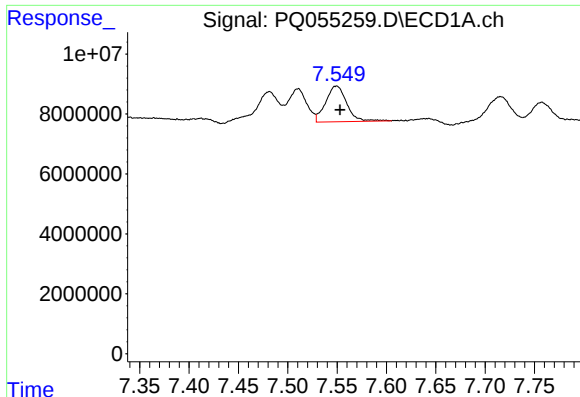
#24 AR-1248-4

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 14274501
Conc: 23.52 ng/ml



#24 AR-1248-4

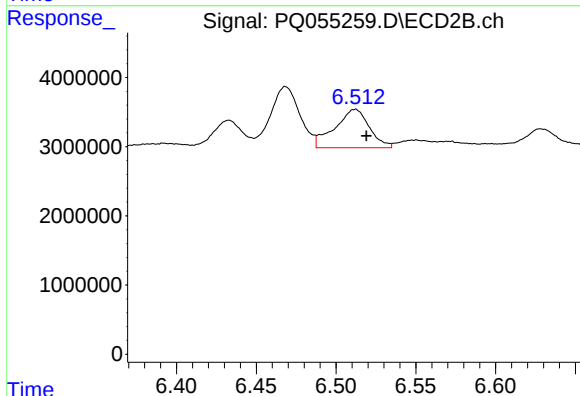
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6189053
Conc: 17.78 ng/ml



#25 AR-1248-5

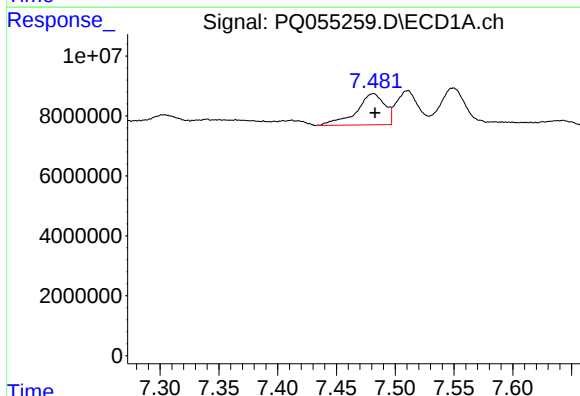
R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 17768449
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



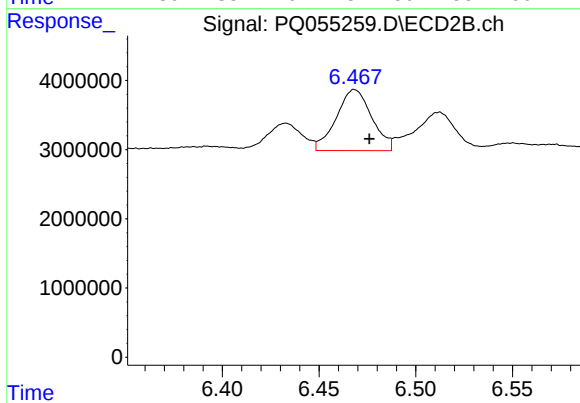
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: -0.007 min
Response: 8363619
Conc: 24.04 ng/ml



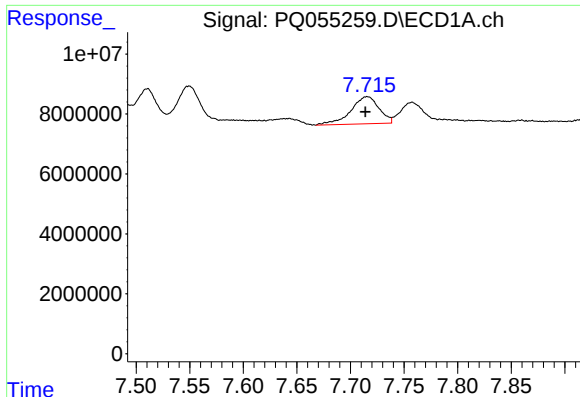
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: -0.001 min
Response: 17504315
Conc: 29.82 ng/ml



#26 AR-1254-1

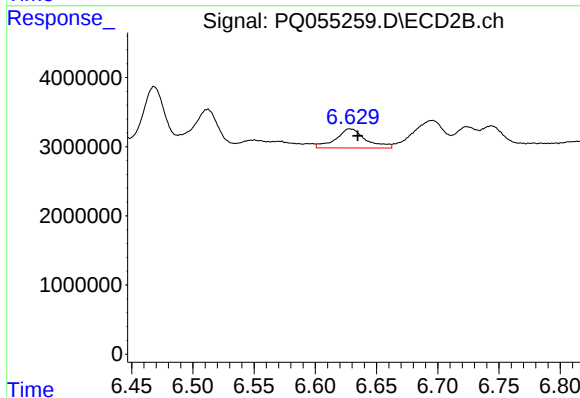
R.T.: 6.468 min
Delta R.T.: -0.008 min
Response: 11262845
Conc: 20.36 ng/ml



#27 AR-1254-2

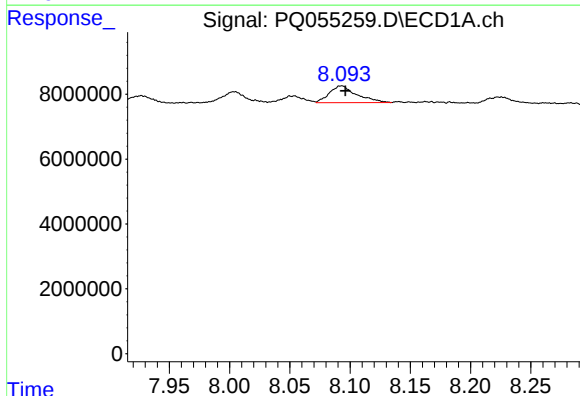
R.T.: 7.716 min
Delta R.T.: 0.002 min
Response: 16588555
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



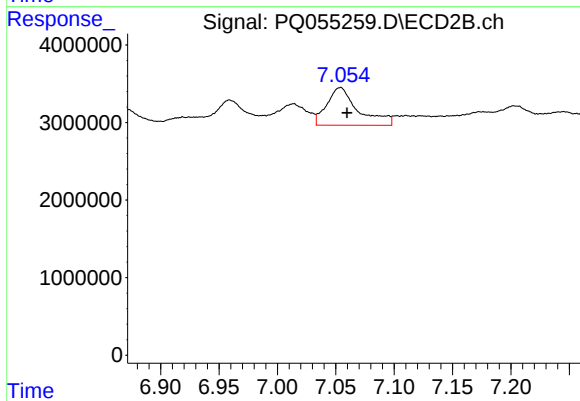
#27 AR-1254-2

R.T.: 6.628 min
Delta R.T.: -0.006 min
Response: 4764984
Conc: 10.07 ng/ml



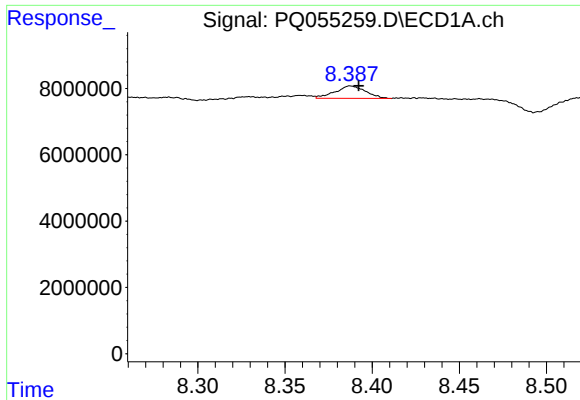
#28 AR-1254-3

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 8180098
Conc: 8.04 ng/ml



#28 AR-1254-3

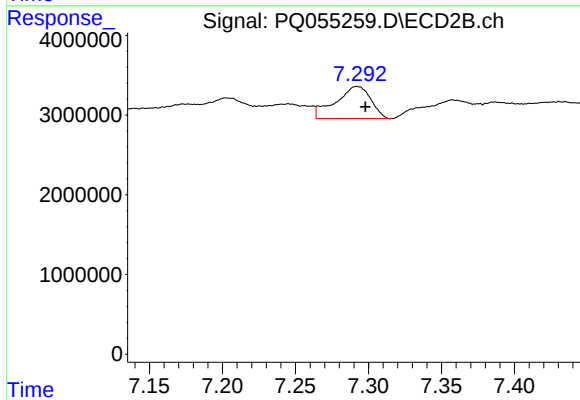
R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 9095291
Conc: 11.58 ng/ml



#29 AR-1254-4

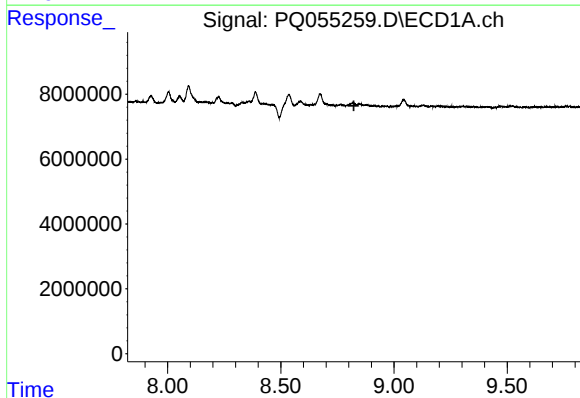
R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 4568731
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



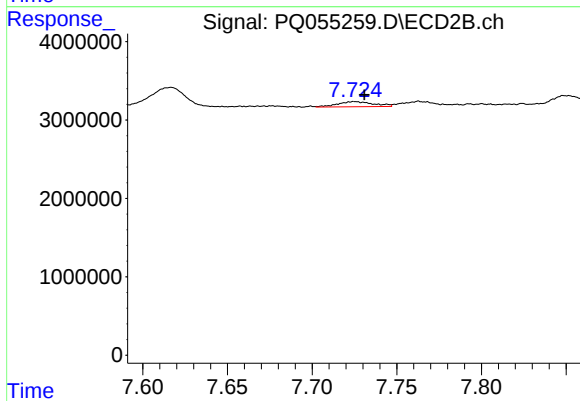
#29 AR-1254-4

R.T.: 7.292 min
Delta R.T.: -0.006 min
Response: 6755883
Conc: 14.16 ng/ml



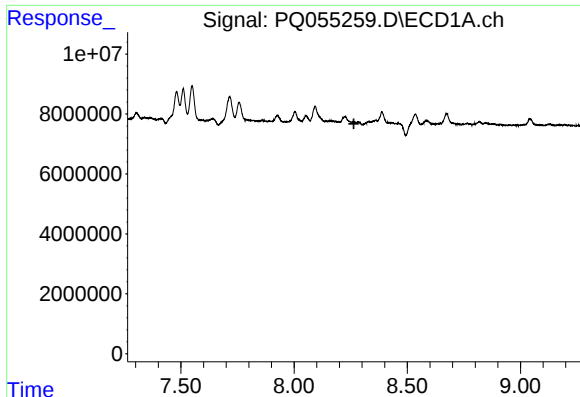
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

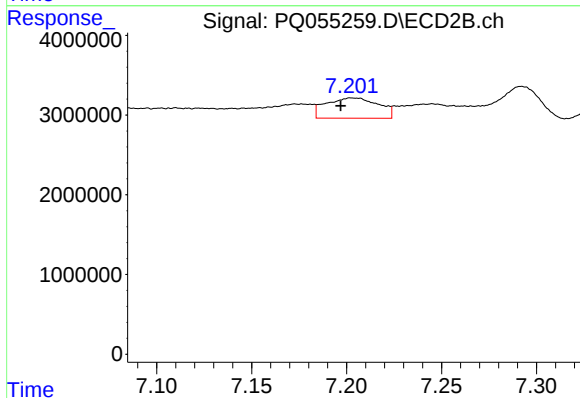
R.T.: 7.725 min
Delta R.T.: -0.006 min
Response: 940801
Conc: 1.41 ng/ml



#31 AR-1260-1

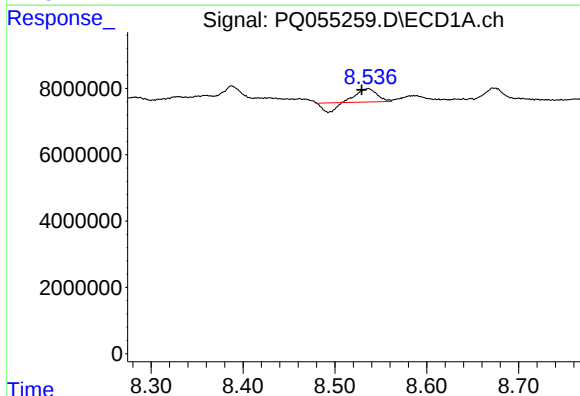
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



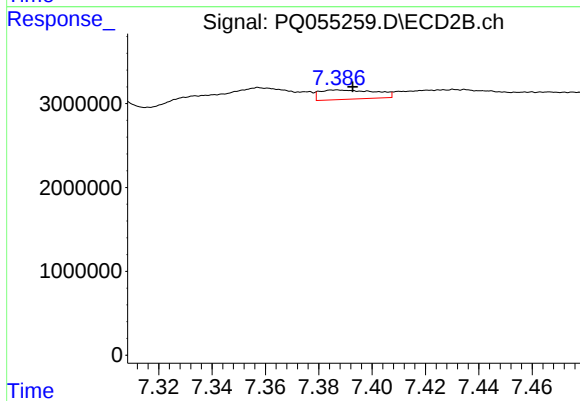
#31 AR-1260-1

R.T.: 7.203 min
Delta R.T.: 0.006 min
Response: 4911131
Conc: 9.80 ng/ml



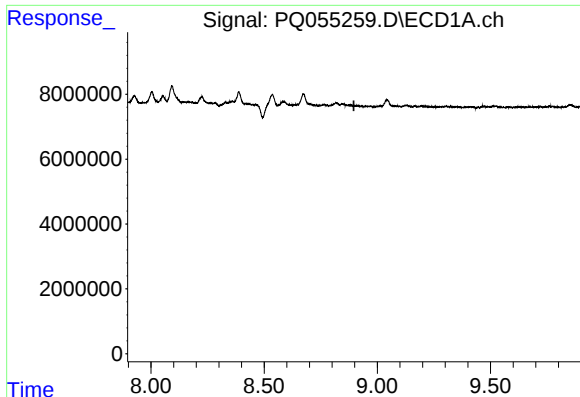
#32 AR-1260-2

R.T.: 8.536 min
Delta R.T.: 0.007 min
Response: 3979755
Conc: 4.80 ng/ml



#32 AR-1260-2

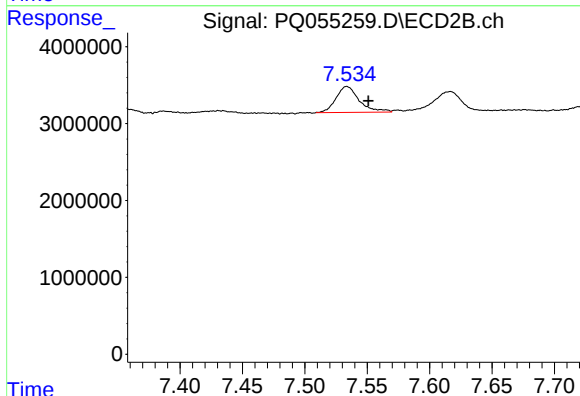
R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 1616379
Conc: 2.67 ng/ml



#33 AR-1260-3

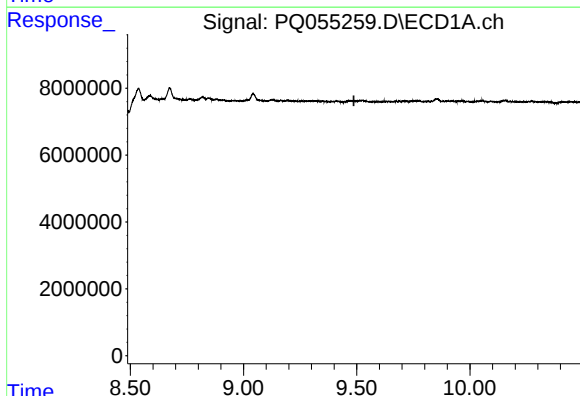
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



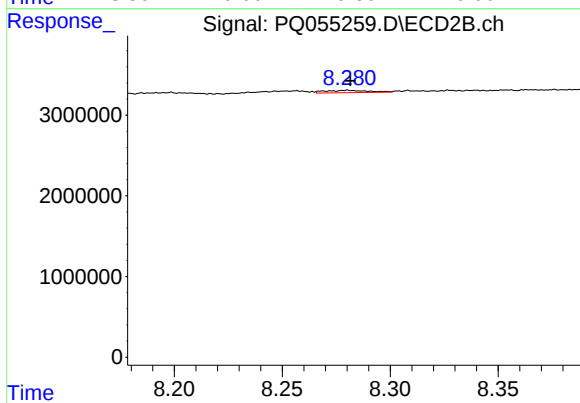
#33 AR-1260-3

R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 4385609
Conc: 7.68 ng/ml



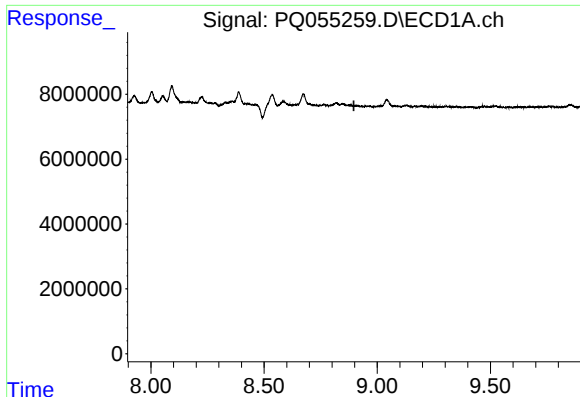
#35 AR-1260-5

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



#35 AR-1260-5

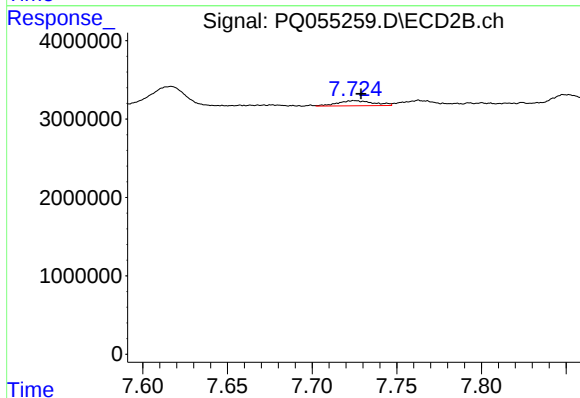
R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 393944
Conc: 0.34 ng/ml



#36 AR-1262-1

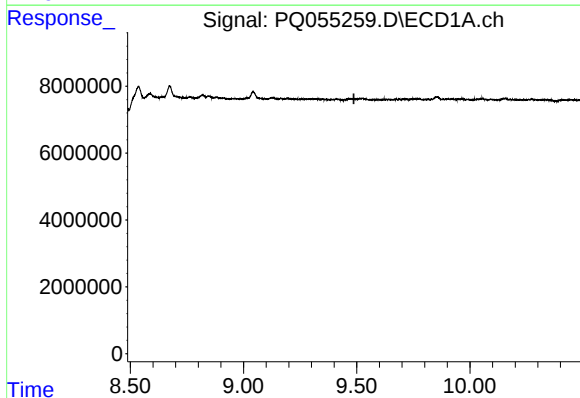
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



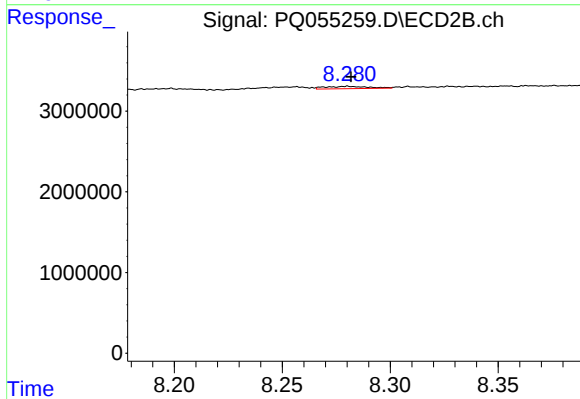
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 940801
Conc: 2.77 ng/ml



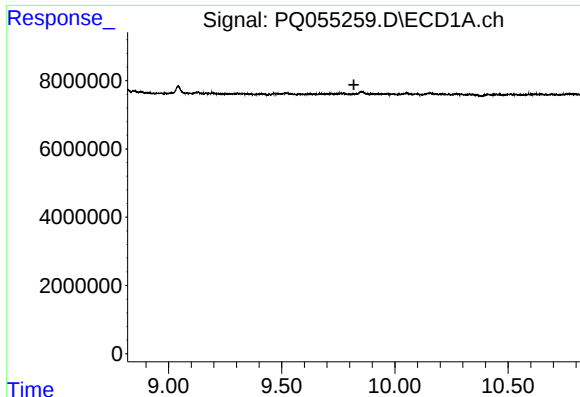
#37 AR-1262-2

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



#37 AR-1262-2

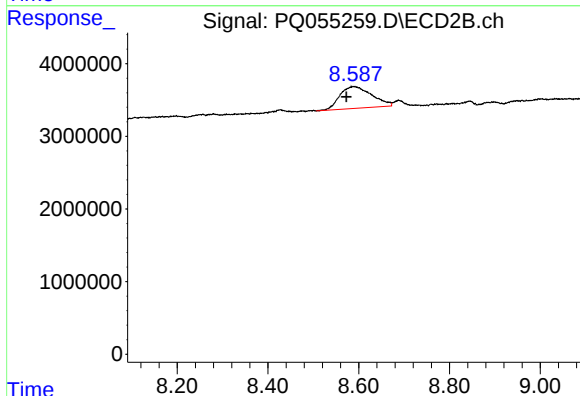
R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 393944
Conc: 0.32 ng/ml



#38 AR-1262-3

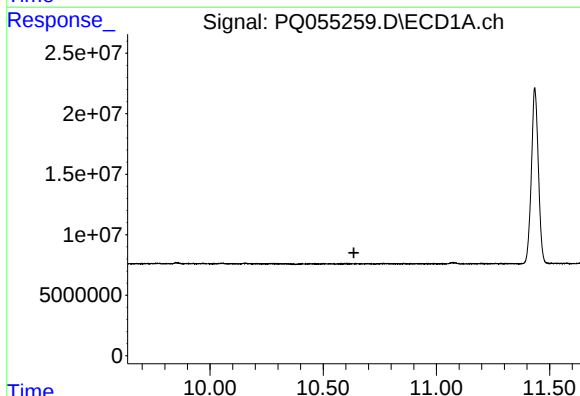
R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



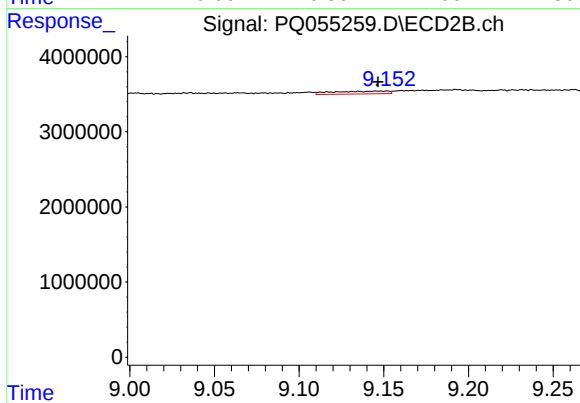
#38 AR-1262-3

R.T.: 8.588 min
Delta R.T.: 0.015 min
Response: 14778867
Conc: 31.97 ng/ml



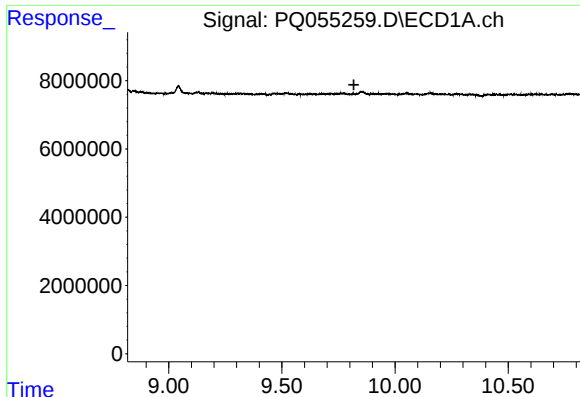
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#40 AR-1262-5

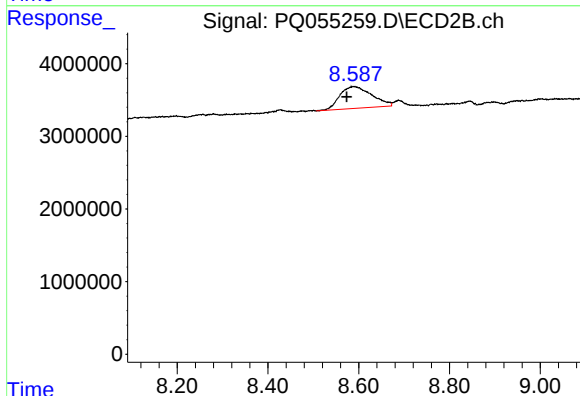
R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 847940
Conc: 2.11 ng/ml



#41 AR-1268-1

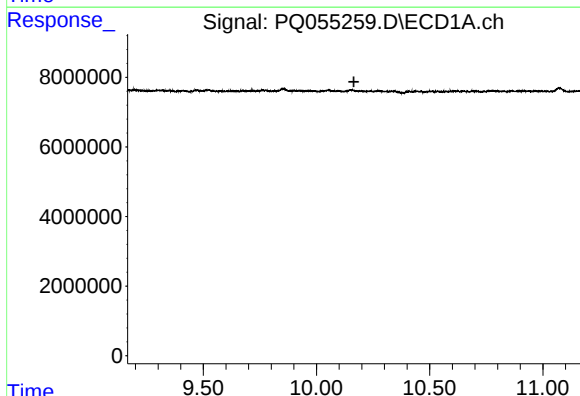
R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



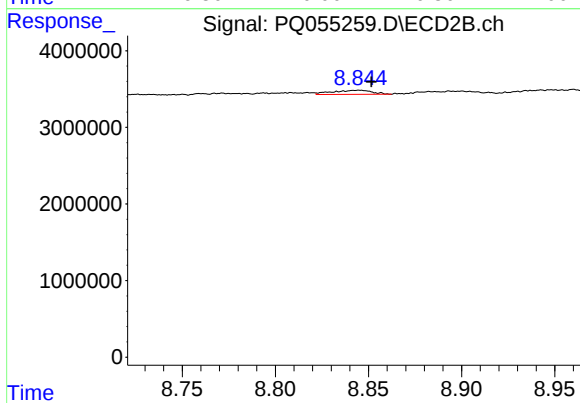
#41 AR-1268-1

R.T.: 8.588 min
Delta R.T.: 0.015 min
Response: 14778867
Conc: 10.45 ng/ml



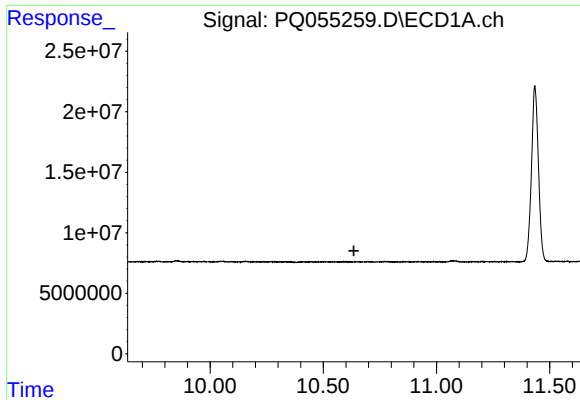
#43 AR-1268-3

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



#43 AR-1268-3

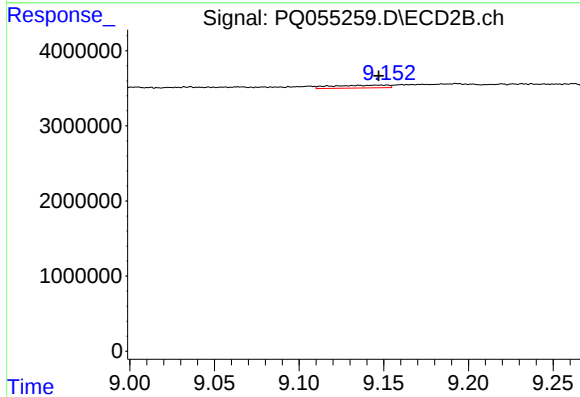
R.T.: 8.845 min
Delta R.T.: -0.007 min
Response: 778700
Conc: 0.71 ng/ml



#44 AR-1268-4

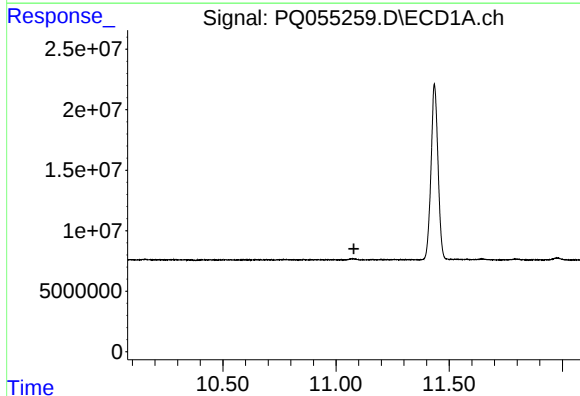
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



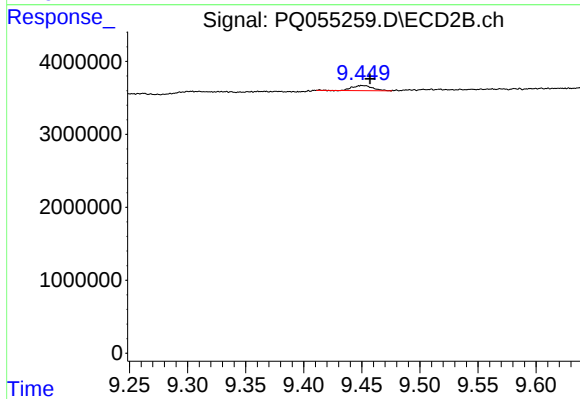
#44 AR-1268-4

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 847940
Conc: 1.88 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.007 min
Response: 819734
Conc: 0.23 ng/ml