

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 11:45
 Operator : YP\AJ
 Sample : N5016-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:50:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 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...	3.483	2.831	245.7E6	169.9E6	17.843	18.758
2)	SA Decachlor...	8.654	7.608	224.5E6	322.1E6	45.208	42.186
Target Compounds							
3)	L1 AR-1016-1	4.609	3.869	12934594	882746	30.842	3.130 #
4)	L1 AR-1016-2	4.609	3.869	12934594	882746	20.864	2.078 #
5)	L1 AR-1016-3	4.671	4.025	4268628	47202	10.815	0.212 #
6)	L1 AR-1016-4	4.744	4.049	4474711	2238982	13.589	13.096
7)	L1 AR-1016-5	0.000	4.280	0	23322968	N.D.	103.521 #
8)	L2 AR-1221-1	3.664	3.025	716194	892916	4.842	8.989 #
9)	L2 AR-1221-2	3.762	3.103	3488879	2314019	33.710	33.806
10)	L2 AR-1221-3	3.827	3.187	429298	573123	1.289	2.499 #
11)	L3 AR-1232-1	3.827	3.187	429298	573123	1.525	2.976 #
12)	L3 AR-1232-2	4.344	3.869	11787413	882746	80.233	4.687 #
13)	L3 AR-1232-3	4.609	4.025	12934594	47202	45.324	0.484 #
14)	L3 AR-1232-4	4.744	4.089	4474711	503247	29.908	6.165 #
15)	L3 AR-1232-5	4.824	4.280	46851106	23322968	446.368	244.257 #
16)	L4 AR-1242-1	4.609	3.869	12934594	882746	37.131	3.804 #
17)	L4 AR-1242-2	4.609	3.869	12934594	882746	25.288	2.532 #
18)	L4 AR-1242-3	4.671	4.025	4268628	47202	13.200	0.258 #
19)	L4 AR-1242-4	4.744	4.089	4474711	503247	16.606	2.984 #
20)	L4 AR-1242-5	5.462	4.625	1335949	396760	4.971	1.794 #
21)	L5 AR-1248-1	4.609	3.869	12934594	882746	48.768	4.965 #
22)	L5 AR-1248-2	4.824	4.049	46851106	2238982	131.414	8.869 #
23)	L5 AR-1248-3	0.000	4.089	0	503247	N.D.	1.993 #
24)	L5 AR-1248-4	5.423	4.280	1251809	23322968	2.693	74.672 #
25)	L5 AR-1248-5	5.462	4.637	1335949	396087	2.902	1.261 #
26)	L6 AR-1254-1	5.398	4.625	3165168	396760	6.600	0.812 #
27)	L6 AR-1254-2	5.600	4.738	650521	493309	0.875	1.139 #
28)	L6 AR-1254-3	5.957	5.114	1618599	2466996	2.069	3.560 #
29)	L6 AR-1254-4	0.000	5.383	0	349689	N.D.	0.812 #
30)	L6 AR-1254-5	6.682	5.732	522762	1052513	0.882	1.700 #
31)	L7 AR-1260-1	6.133	5.257	320874	1260692	0.577	2.798 #
32)	L7 AR-1260-2	6.430	5.451	1145636	116771	1.794	0.212 #
33)	L7 AR-1260-3	6.778	5.599	2195807	858217	4.910	1.654 #
34)	L7 AR-1260-4	0.000	6.040	0	1860901	N.D.	4.210 #
35)	L7 AR-1260-5	0.000	6.244f	0	2168984	N.D.	2.127 #
36)	L8 AR-1262-1	6.778	5.798	2195807	775095	3.158	1.216 #
37)	L8 AR-1262-2	0.000	6.244f	0	2168984	N.D.	1.854 #
38)	L8 AR-1262-3	0.000	6.560	0	2416338	N.D.	5.247 #
40)	L8 AR-1262-5	0.000	7.188f	0	218507	N.D.	0.550 #
41)	L9 AR-1268-1	0.000	6.560	0	2416338	N.D.	1.718 #
43)	L9 AR-1268-3	7.803	6.830	561558	663955	0.668	0.601

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:50:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 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
44) L9	AR-1268-4	0.000	7.188f	0	218507	N.D.	0.482 #
45) L9	AR-1268-5	8.421	7.389	1783728	2821267	0.792	0.789

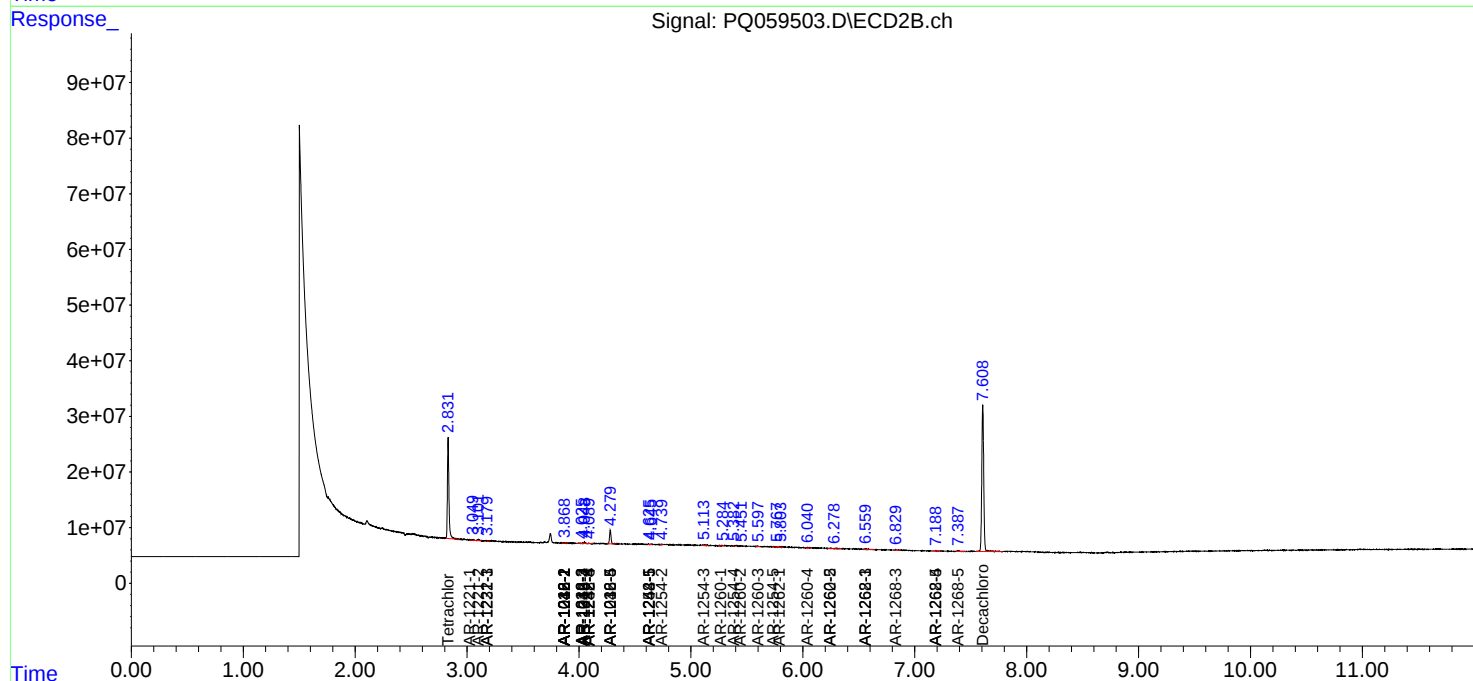
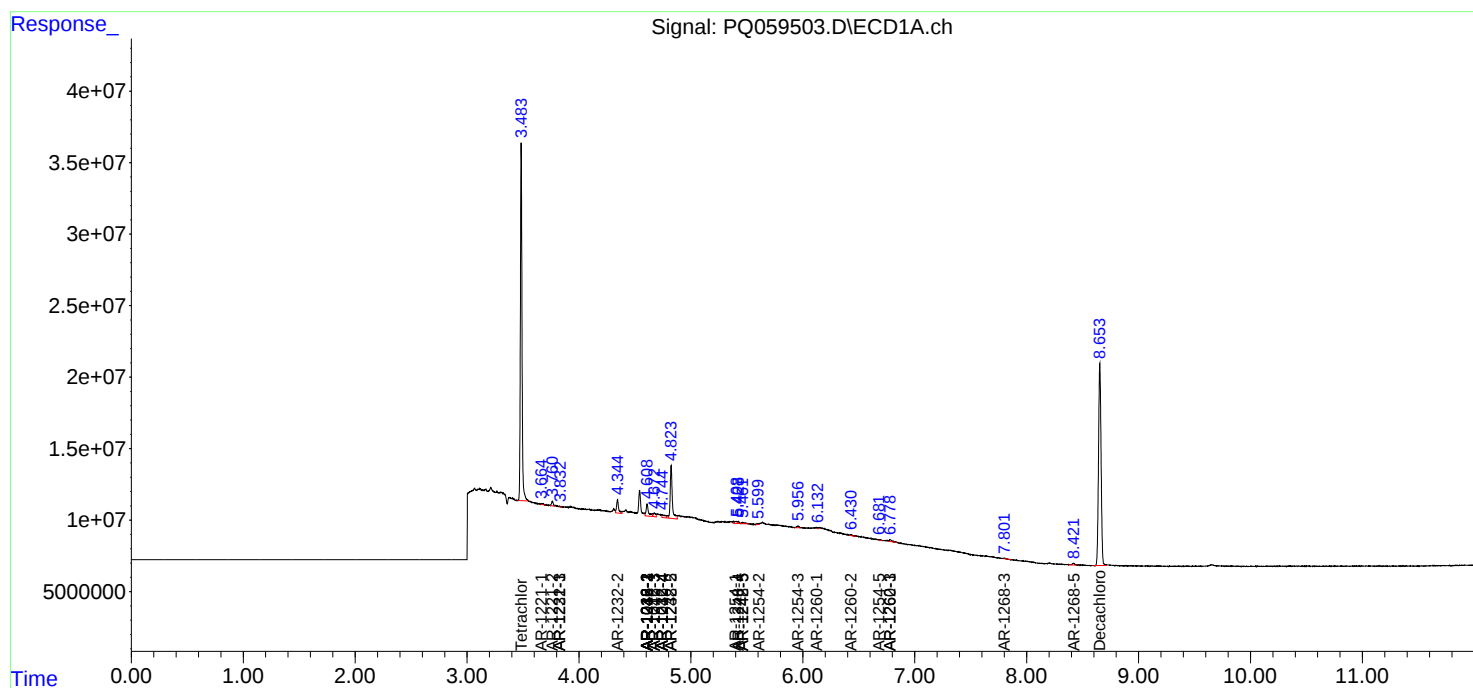
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

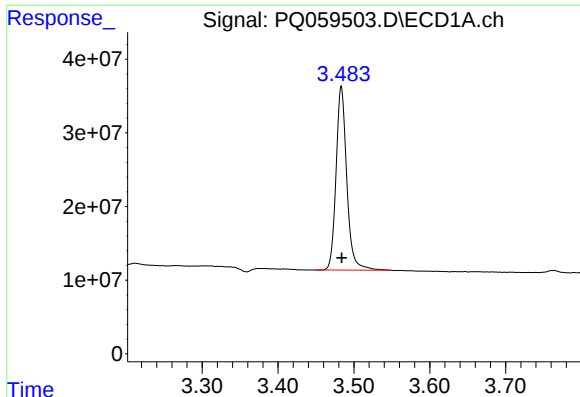
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
Data File : PQ059503.D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

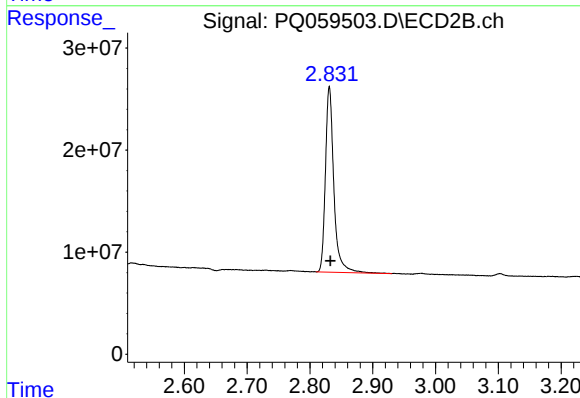




#1 Tetrachloro-m-xylene

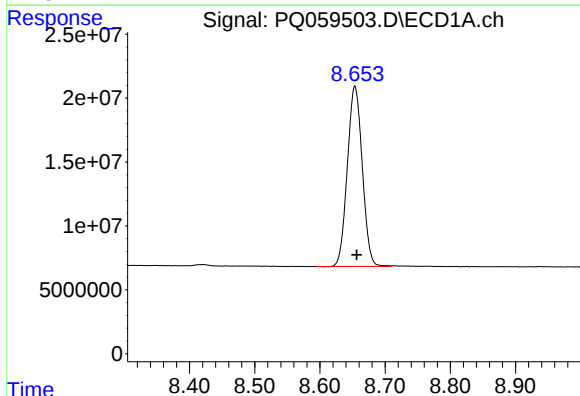
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 245674287
Conc: 17.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



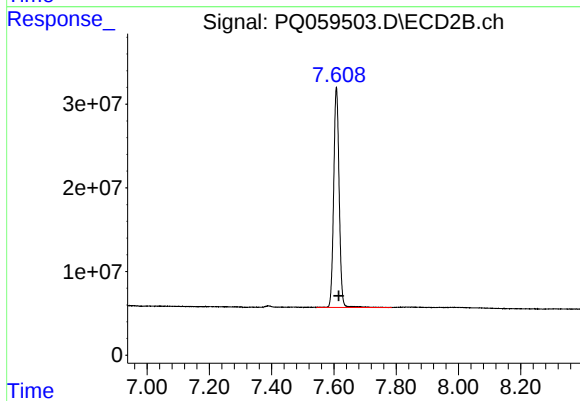
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.002 min
Response: 169917477
Conc: 18.76 ng/ml



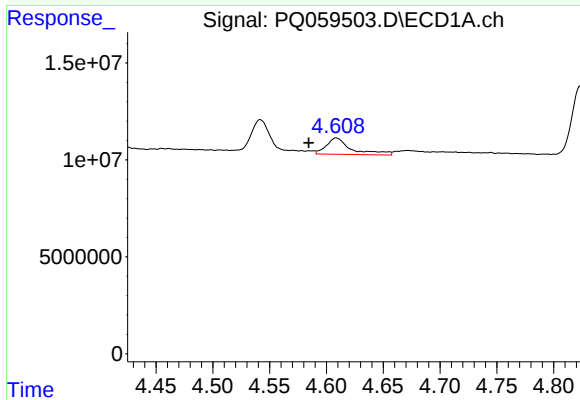
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 224510247
Conc: 45.21 ng/ml



#2 Decachlorobiphenyl

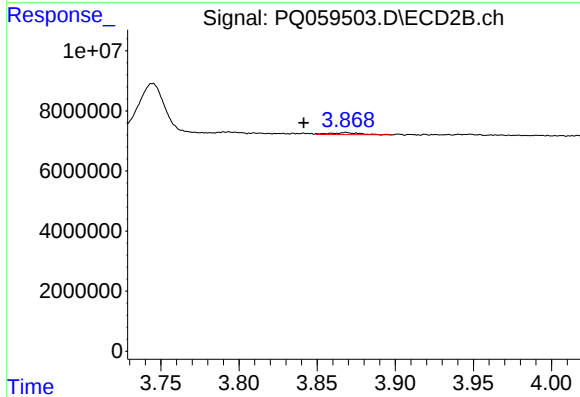
R.T.: 7.608 min
Delta R.T.: -0.008 min
Response: 322141872
Conc: 42.19 ng/ml



#3 AR-1016-1

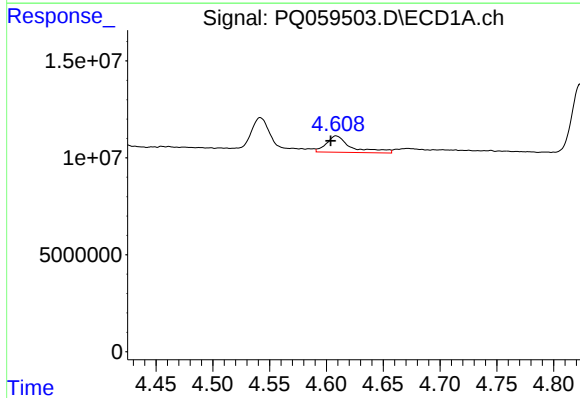
R.T.: 4.609 min
Delta R.T.: 0.024 min
Response: 12934594
Conc: 30.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



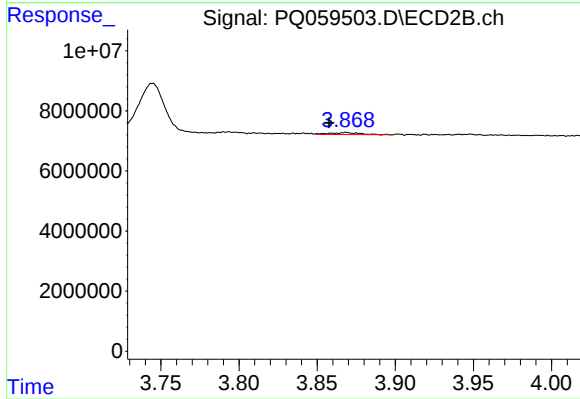
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: 0.027 min
Response: 882746
Conc: 3.13 ng/ml



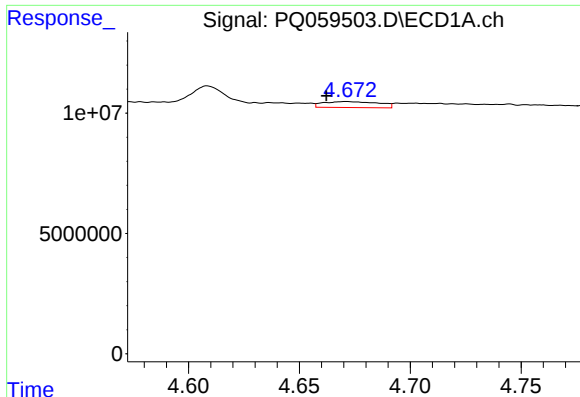
#4 AR-1016-2

R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 12934594
Conc: 20.86 ng/ml



#4 AR-1016-2

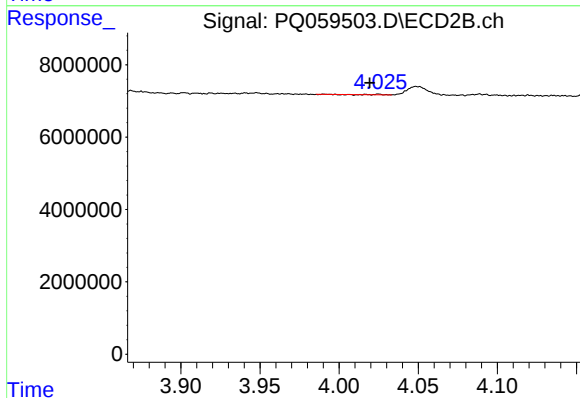
R.T.: 3.869 min
Delta R.T.: 0.011 min
Response: 882746
Conc: 2.08 ng/ml



#5 AR-1016-3

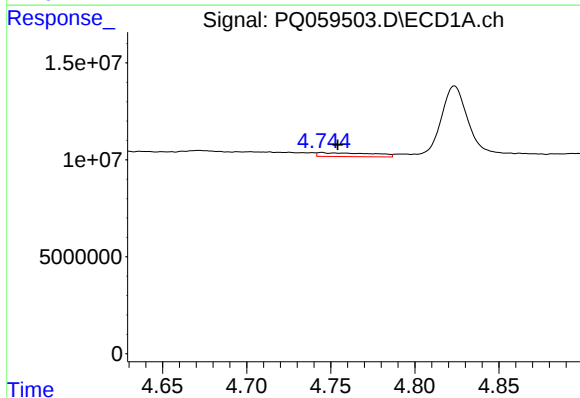
R.T.: 4.671 min
Delta R.T.: 0.009 min
Response: 4268628
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



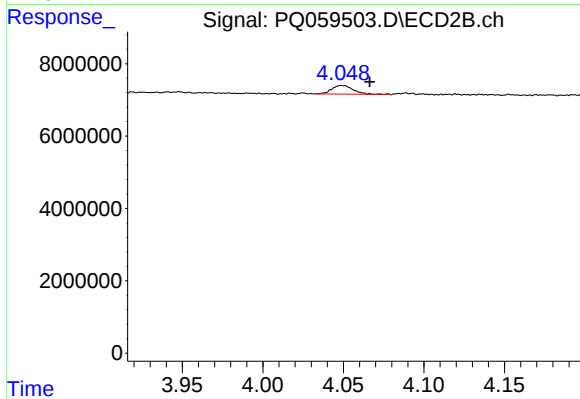
#5 AR-1016-3

R.T.: 4.025 min
Delta R.T.: 0.006 min
Response: 47202
Conc: 0.21 ng/ml



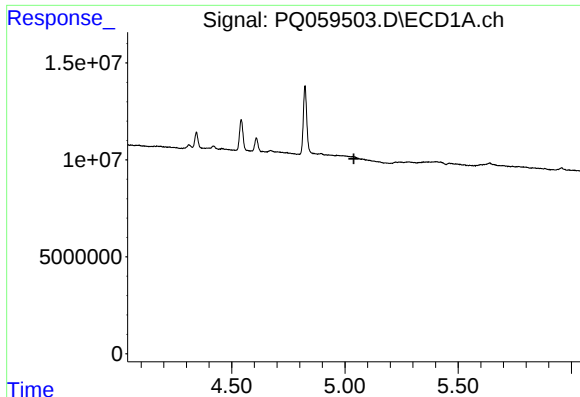
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: -0.010 min
Response: 4474711
Conc: 13.59 ng/ml



#6 AR-1016-4

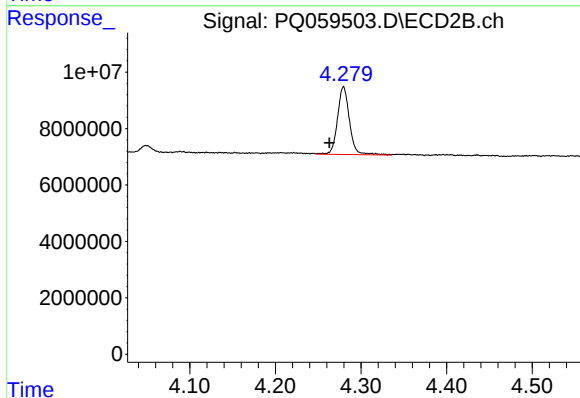
R.T.: 4.049 min
Delta R.T.: -0.017 min
Response: 2238982
Conc: 13.10 ng/ml



#7 AR-1016-5

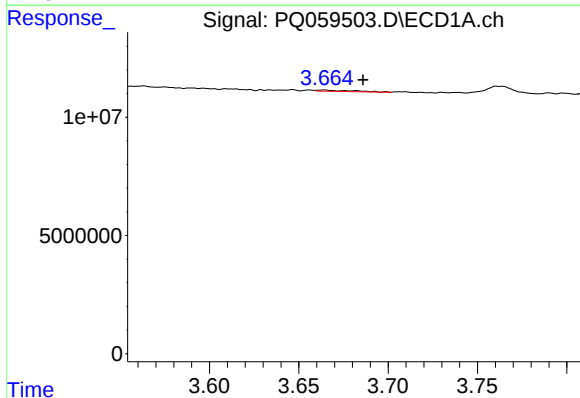
R.T.: 0.000 min
Exp R.T.: 5.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



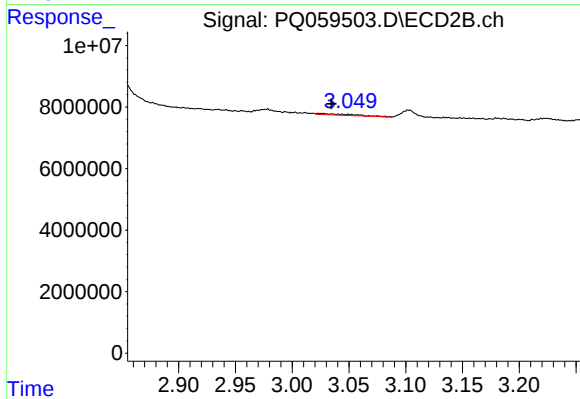
#7 AR-1016-5

R.T.: 4.280 min
Delta R.T.: 0.016 min
Response: 23322968
Conc: 103.52 ng/ml



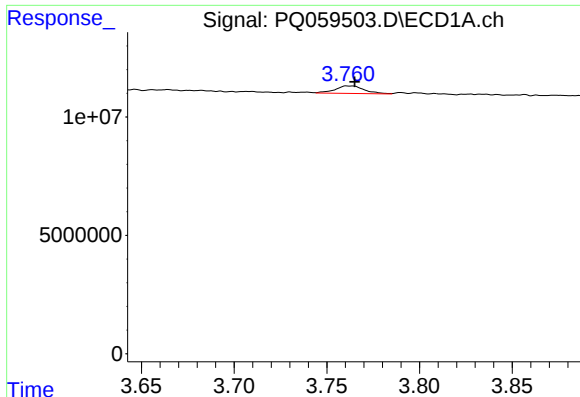
#8 AR-1221-1

R.T.: 3.664 min
Delta R.T.: -0.022 min
Response: 716194
Conc: 4.84 ng/ml



#8 AR-1221-1

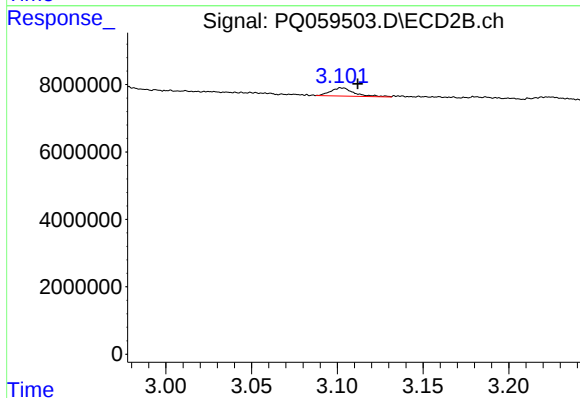
R.T.: 3.025 min
Delta R.T.: -0.010 min
Response: 892916
Conc: 8.99 ng/ml



#9 AR-1221-2

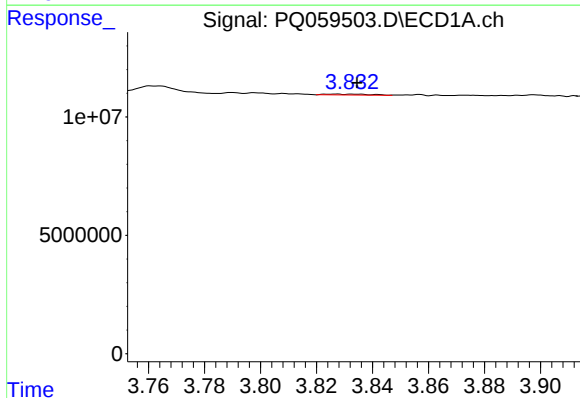
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 3488879
Conc: 33.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



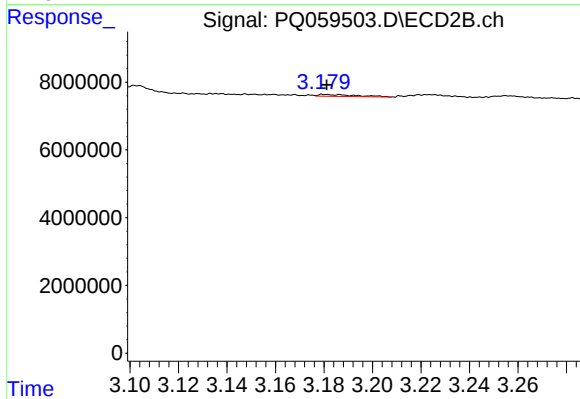
#9 AR-1221-2

R.T.: 3.103 min
Delta R.T.: -0.009 min
Response: 2314019
Conc: 33.81 ng/ml



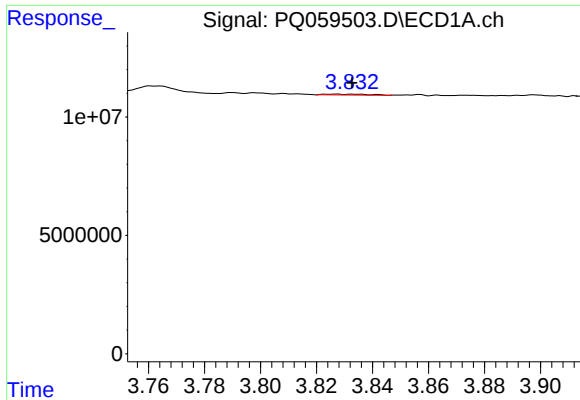
#10 AR-1221-3

R.T.: 3.827 min
Delta R.T.: -0.008 min
Response: 429298
Conc: 1.29 ng/ml



#10 AR-1221-3

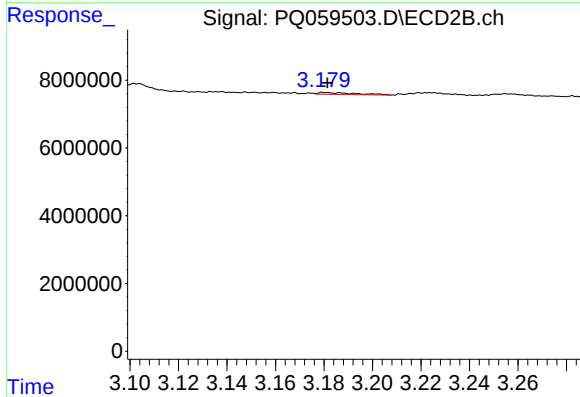
R.T.: 3.187 min
Delta R.T.: 0.006 min
Response: 573123
Conc: 2.50 ng/ml



#11 AR-1232-1

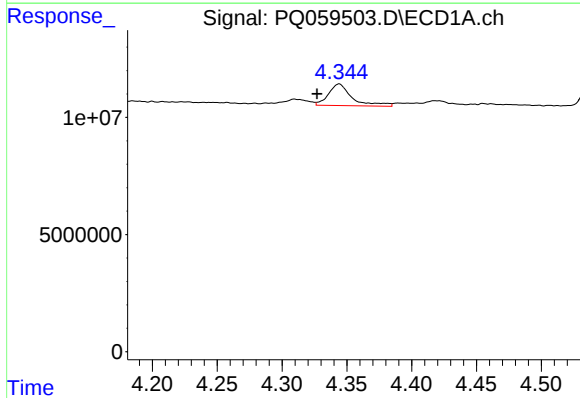
R.T.: 3.827 min
Delta R.T.: -0.006 min
Response: 429298
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



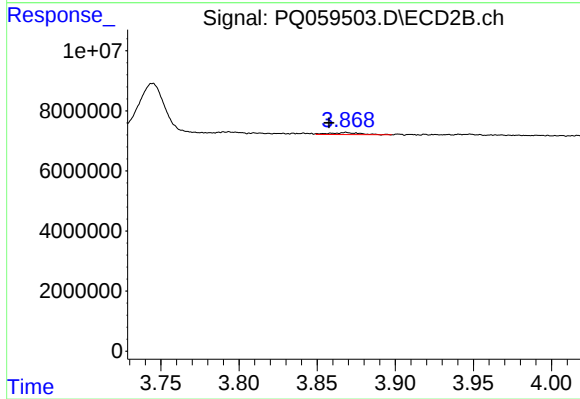
#11 AR-1232-1

R.T.: 3.187 min
Delta R.T.: 0.005 min
Response: 573123
Conc: 2.98 ng/ml



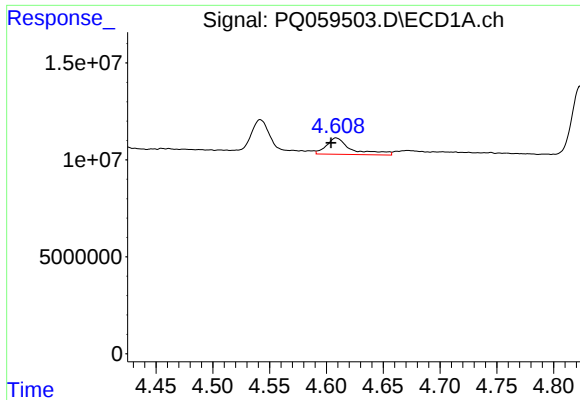
#12 AR-1232-2

R.T.: 4.344 min
Delta R.T.: 0.017 min
Response: 11787413
Conc: 80.23 ng/ml



#12 AR-1232-2

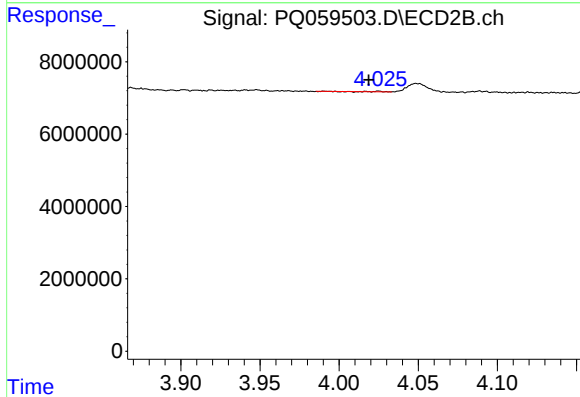
R.T.: 3.869 min
Delta R.T.: 0.011 min
Response: 882746
Conc: 4.69 ng/ml



#13 AR-1232-3

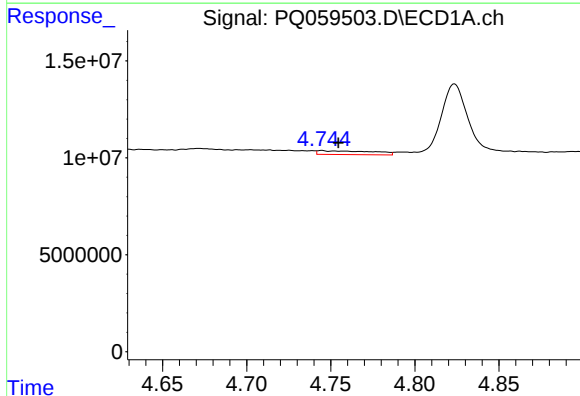
R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 12934594
Conc: 45.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



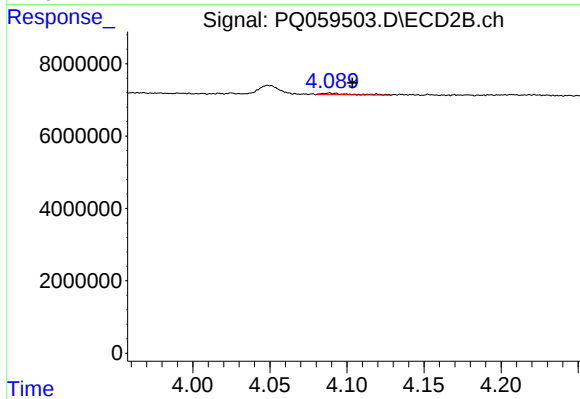
#13 AR-1232-3

R.T.: 4.025 min
Delta R.T.: 0.006 min
Response: 47202
Conc: 0.48 ng/ml



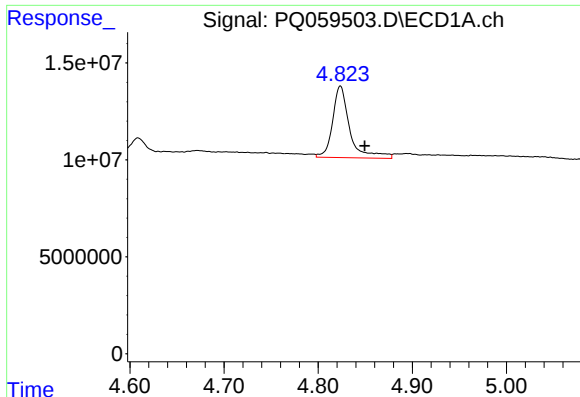
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: -0.010 min
Response: 4474711
Conc: 29.91 ng/ml



#14 AR-1232-4

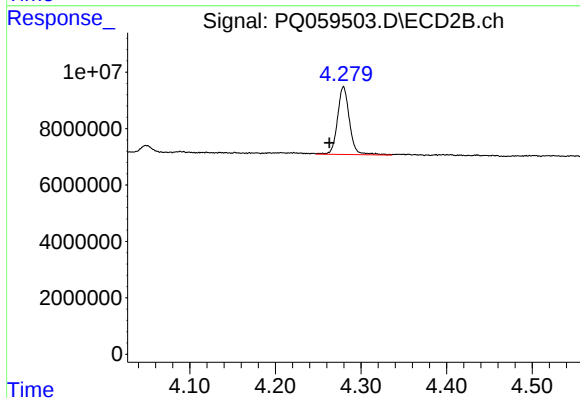
R.T.: 4.089 min
Delta R.T.: -0.015 min
Response: 503247
Conc: 6.16 ng/ml



#15 AR-1232-5

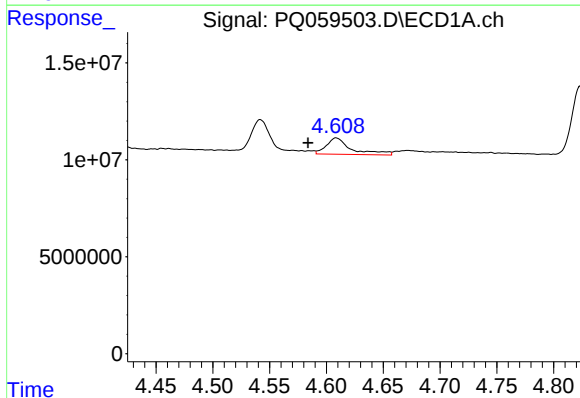
R.T.: 4.824 min
Delta R.T.: -0.026 min
Response: 46851106
Conc: 446.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



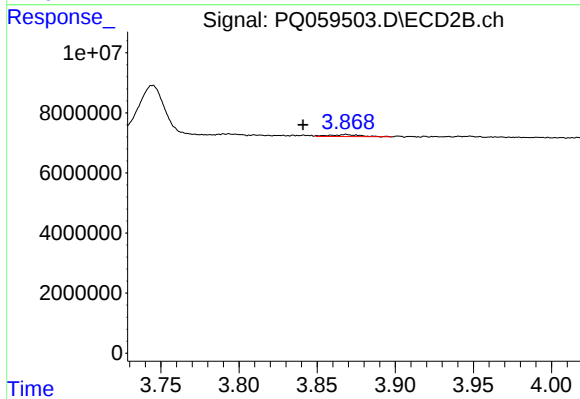
#15 AR-1232-5

R.T.: 4.280 min
Delta R.T.: 0.017 min
Response: 23322968
Conc: 244.26 ng/ml



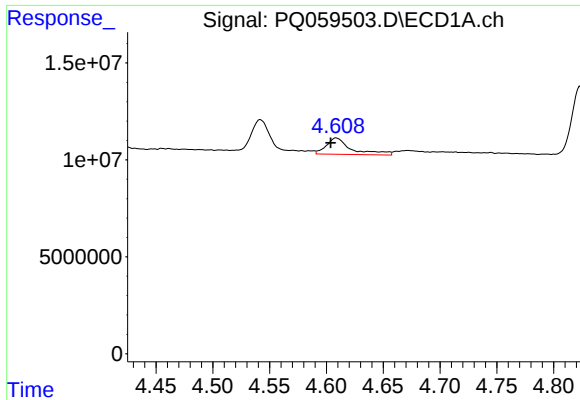
#16 AR-1242-1

R.T.: 4.609 min
Delta R.T.: 0.025 min
Response: 12934594
Conc: 37.13 ng/ml



#16 AR-1242-1

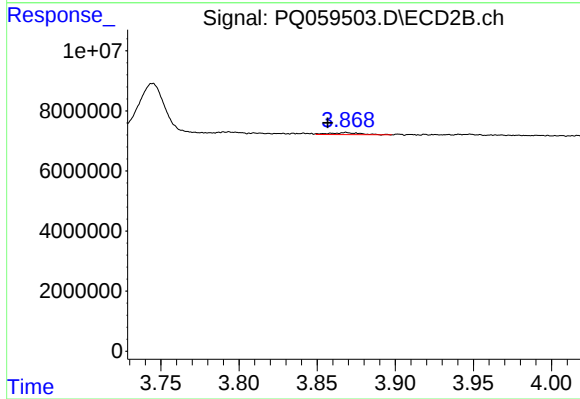
R.T.: 3.869 min
Delta R.T.: 0.028 min
Response: 882746
Conc: 3.80 ng/ml



#17 AR-1242-2

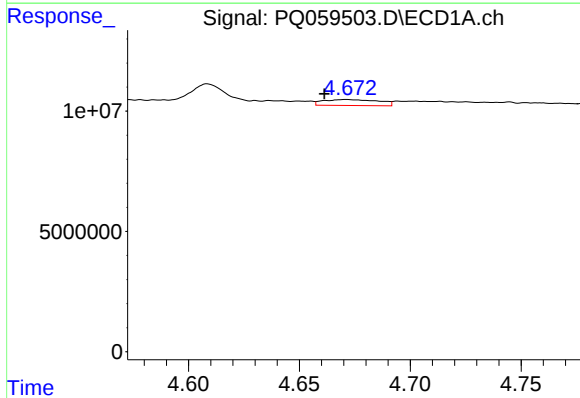
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 12934594
Conc: 25.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



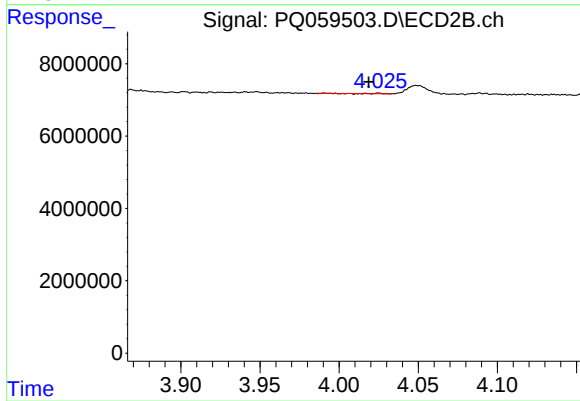
#17 AR-1242-2

R.T.: 3.869 min
Delta R.T.: 0.012 min
Response: 882746
Conc: 2.53 ng/ml



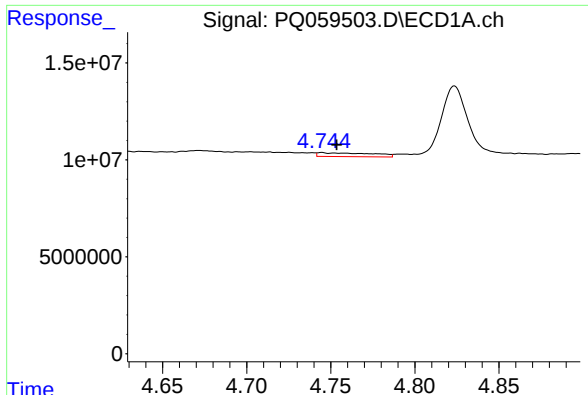
#18 AR-1242-3

R.T.: 4.671 min
Delta R.T.: 0.010 min
Response: 4268628
Conc: 13.20 ng/ml



#18 AR-1242-3

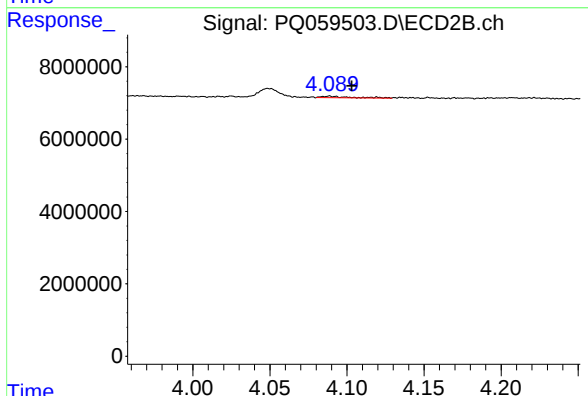
R.T.: 4.025 min
Delta R.T.: 0.006 min
Response: 47202
Conc: 0.26 ng/ml



#19 AR-1242-4

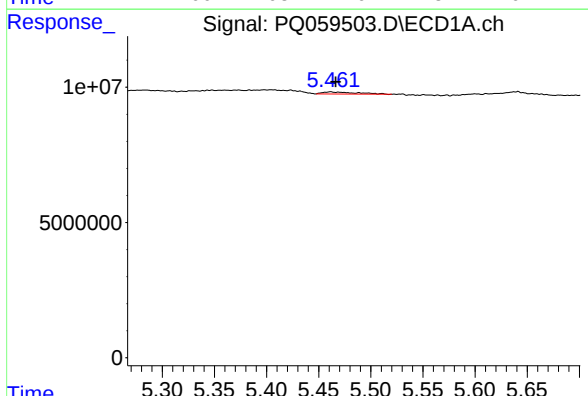
R.T.: 4.744 min
Delta R.T.: -0.009 min
Response: 4474711
Conc: 16.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



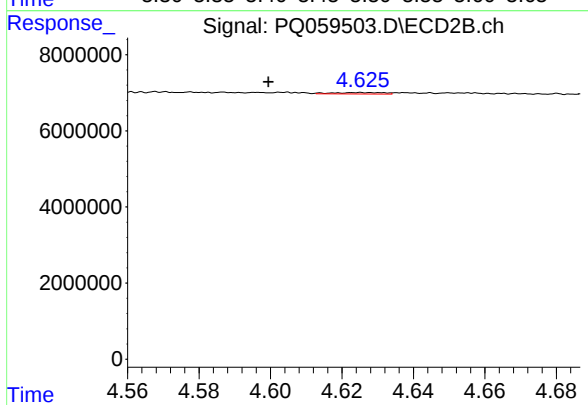
#19 AR-1242-4

R.T.: 4.089 min
Delta R.T.: -0.015 min
Response: 503247
Conc: 2.98 ng/ml



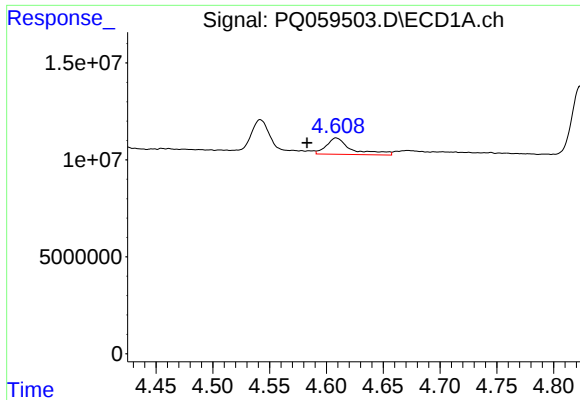
#20 AR-1242-5

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 1335949
Conc: 4.97 ng/ml



#20 AR-1242-5

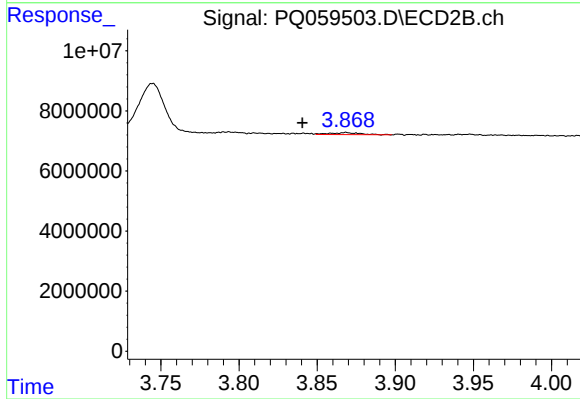
R.T.: 4.625 min
Delta R.T.: 0.026 min
Response: 396760
Conc: 1.79 ng/ml



#21 AR-1248-1

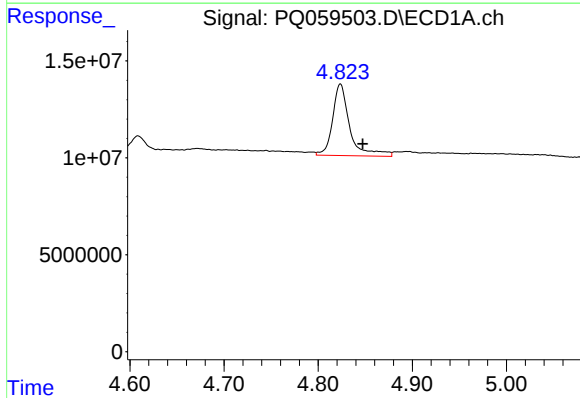
R.T.: 4.609 min
Delta R.T.: 0.026 min
Response: 12934594
Conc: 48.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



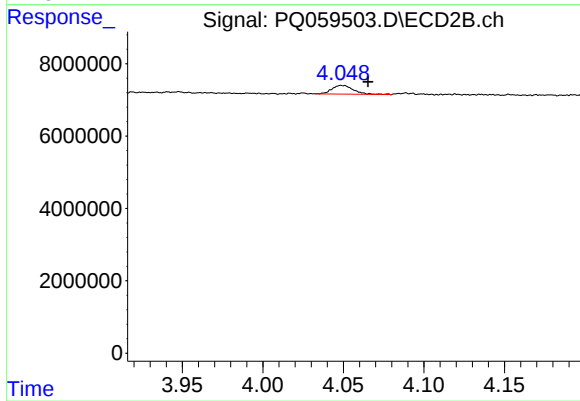
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: 0.028 min
Response: 882746
Conc: 4.97 ng/ml



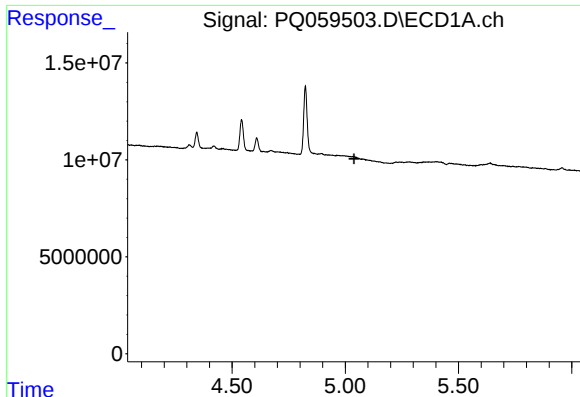
#22 AR-1248-2

R.T.: 4.824 min
Delta R.T.: -0.024 min
Response: 46851106
Conc: 131.41 ng/ml



#22 AR-1248-2

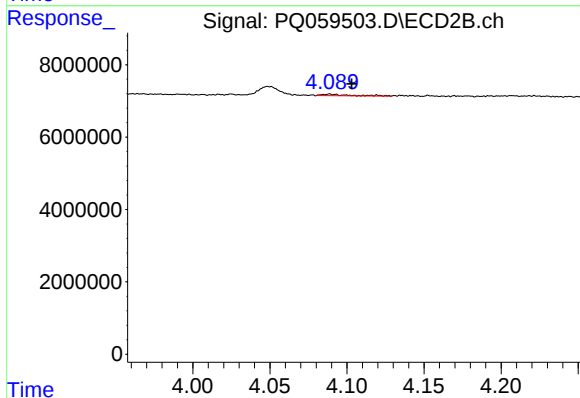
R.T.: 4.049 min
Delta R.T.: -0.016 min
Response: 2238982
Conc: 8.87 ng/ml



#23 AR-1248-3

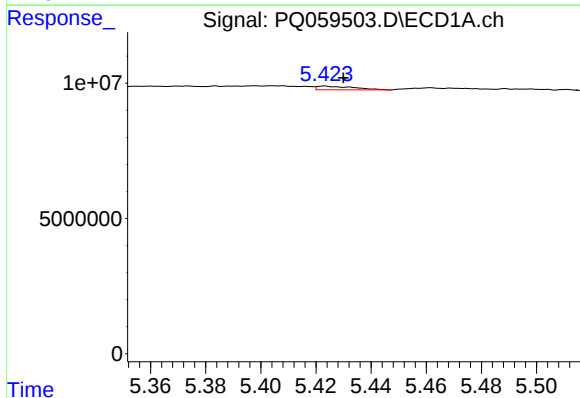
R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



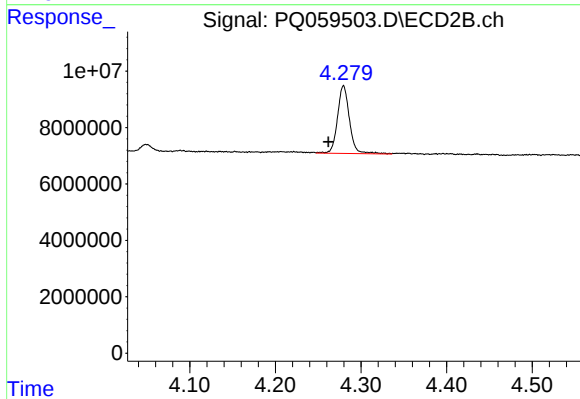
#23 AR-1248-3

R.T.: 4.089 min
Delta R.T.: -0.014 min
Response: 503247
Conc: 1.99 ng/ml



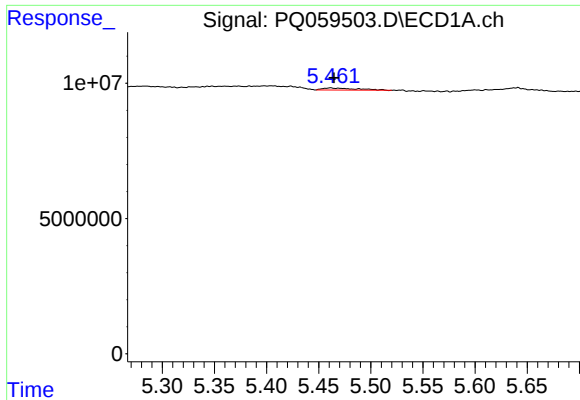
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: -0.007 min
Response: 1251809
Conc: 2.69 ng/ml



#24 AR-1248-4

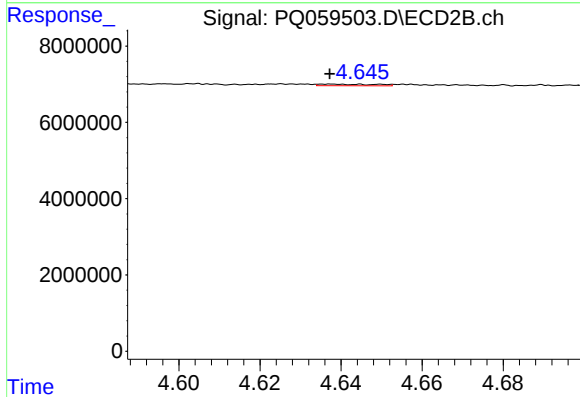
R.T.: 4.280 min
Delta R.T.: 0.018 min
Response: 23322968
Conc: 74.67 ng/ml



#25 AR-1248-5

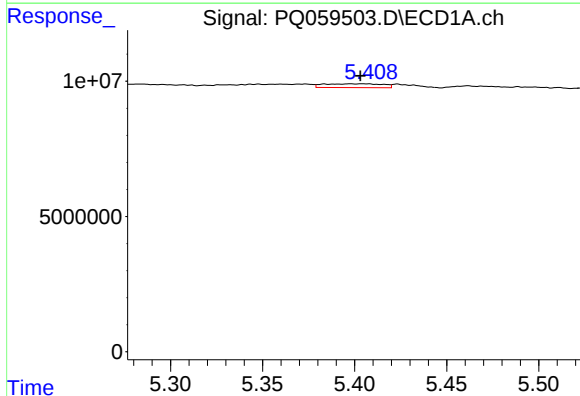
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 1335949
Conc: 2.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



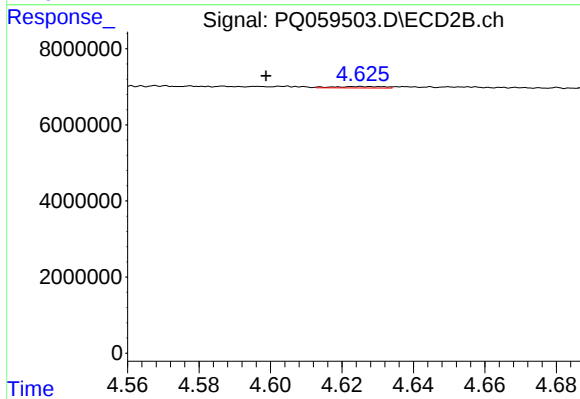
#25 AR-1248-5

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 396087
Conc: 1.26 ng/ml



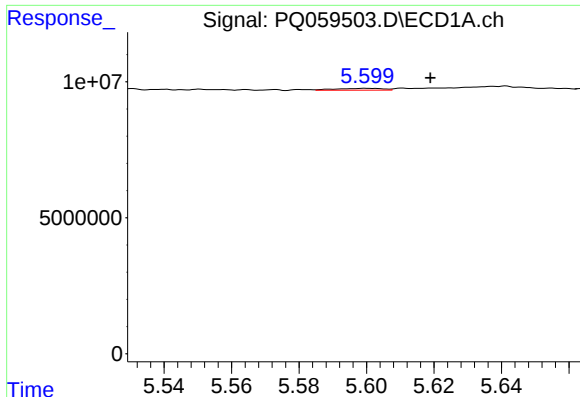
#26 AR-1254-1

R.T.: 5.398 min
Delta R.T.: -0.005 min
Response: 3165168
Conc: 6.60 ng/ml



#26 AR-1254-1

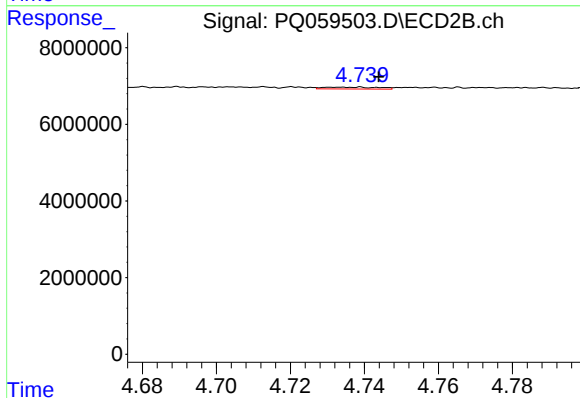
R.T.: 4.625 min
Delta R.T.: 0.026 min
Response: 396760
Conc: 0.81 ng/ml



#27 AR-1254-2

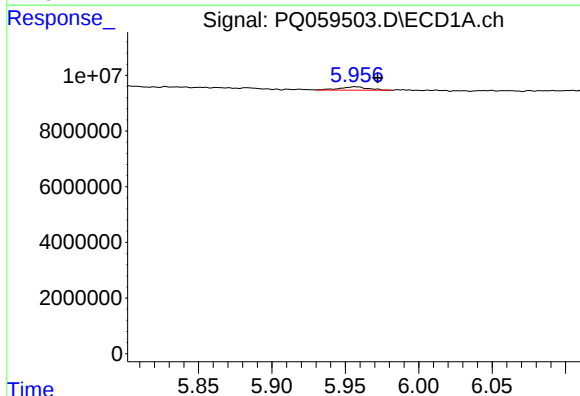
R.T.: 5.600 min
Delta R.T.: -0.019 min
Response: 650521
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



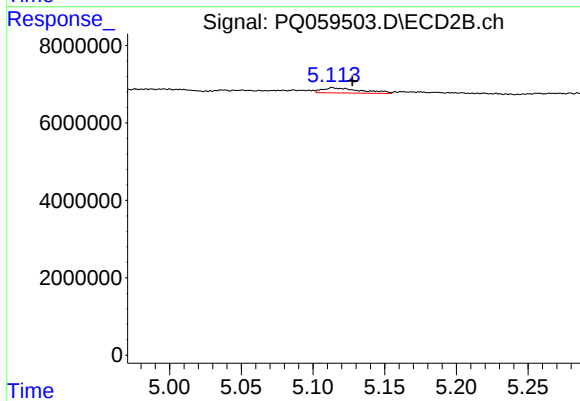
#27 AR-1254-2

R.T.: 4.738 min
Delta R.T.: -0.006 min
Response: 493309
Conc: 1.14 ng/ml



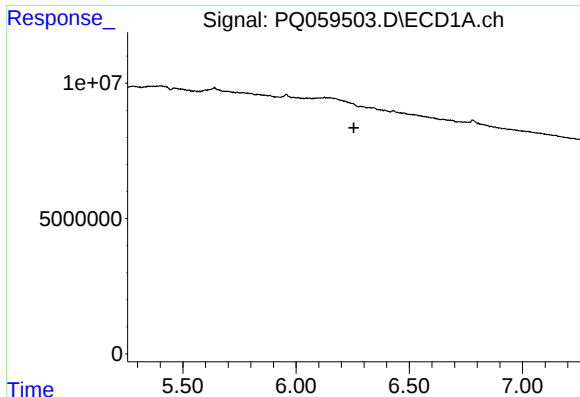
#28 AR-1254-3

R.T.: 5.957 min
Delta R.T.: -0.015 min
Response: 1618599
Conc: 2.07 ng/ml



#28 AR-1254-3

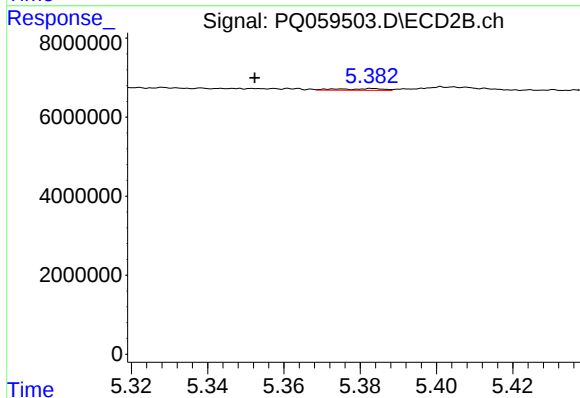
R.T.: 5.114 min
Delta R.T.: -0.014 min
Response: 2466996
Conc: 3.56 ng/ml



#29 AR-1254-4

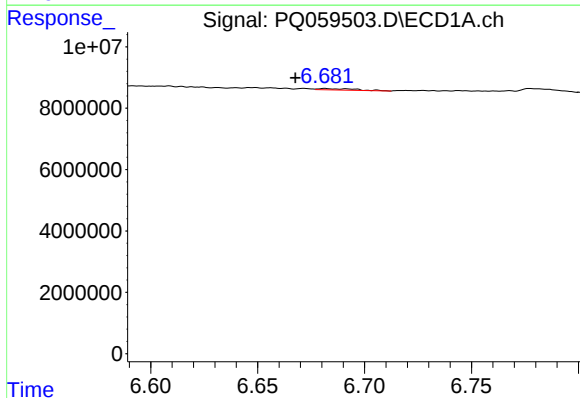
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



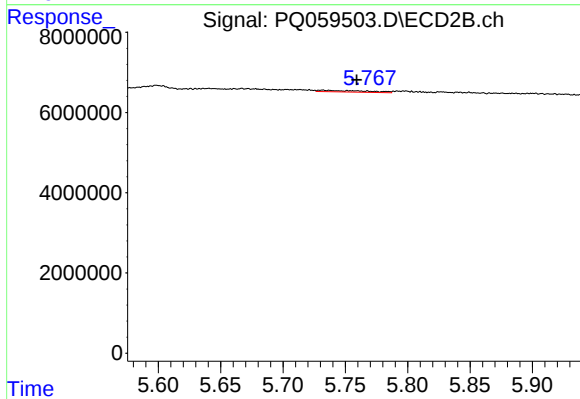
#29 AR-1254-4

R.T.: 5.383 min
Delta R.T.: 0.031 min
Response: 349689
Conc: 0.81 ng/ml



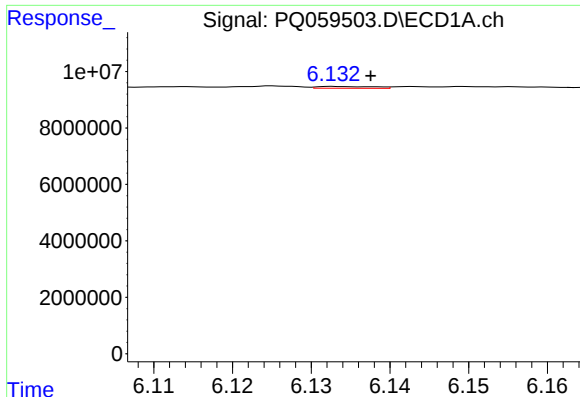
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: 0.014 min
Response: 522762
Conc: 0.88 ng/ml



#30 AR-1254-5

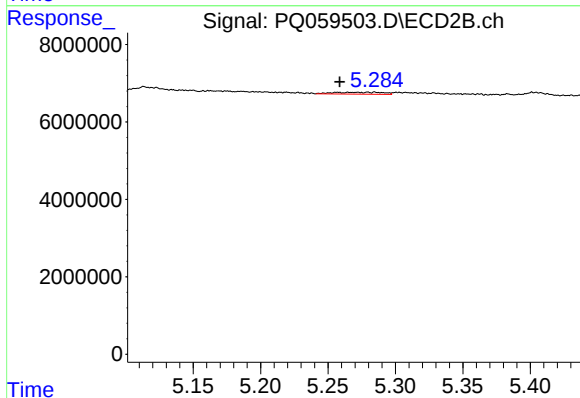
R.T.: 5.732 min
Delta R.T.: -0.027 min
Response: 1052513
Conc: 1.70 ng/ml



#31 AR-1260-1

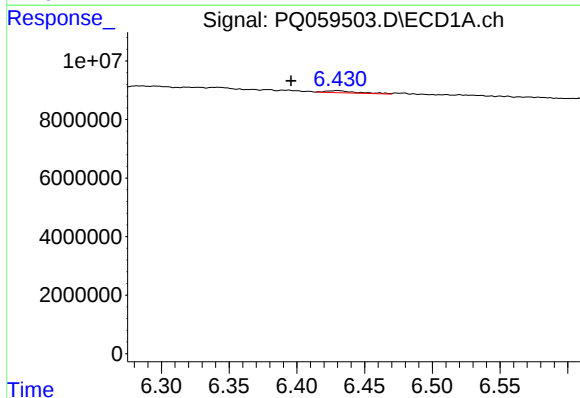
R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 320874
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



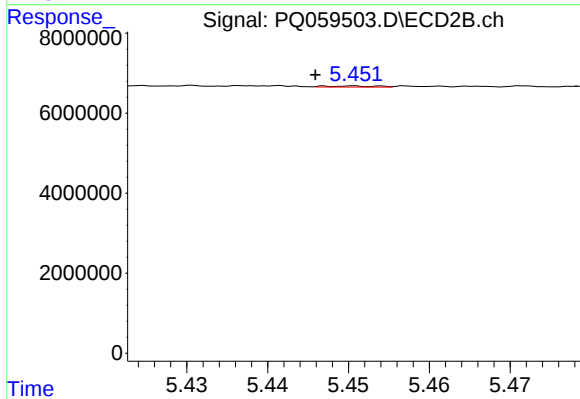
#31 AR-1260-1

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 1260692
Conc: 2.80 ng/ml



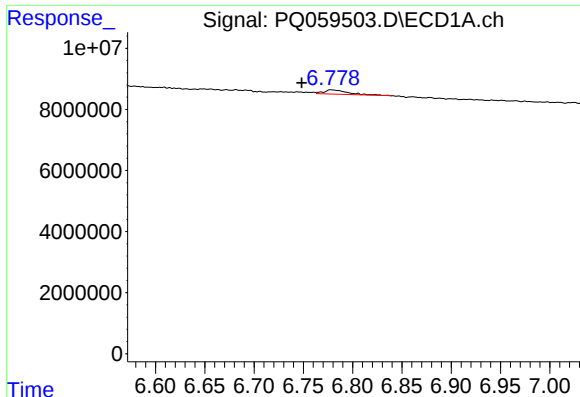
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: 0.034 min
Response: 1145636
Conc: 1.79 ng/ml



#32 AR-1260-2

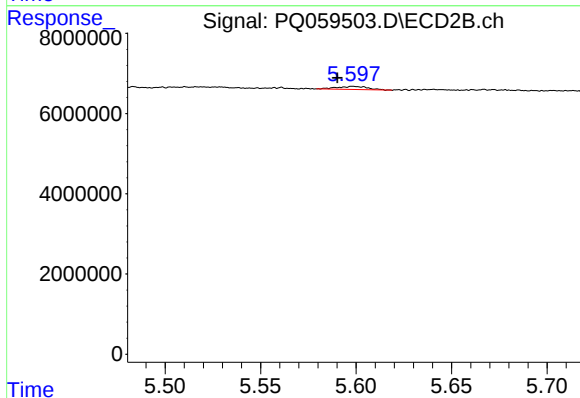
R.T.: 5.451 min
Delta R.T.: 0.005 min
Response: 116771
Conc: 0.21 ng/ml



#33 AR-1260-3

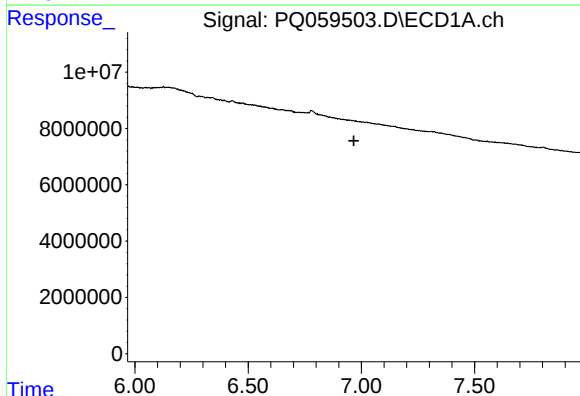
R.T.: 6.778 min
Delta R.T.: 0.029 min
Response: 2195807
Conc: 4.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



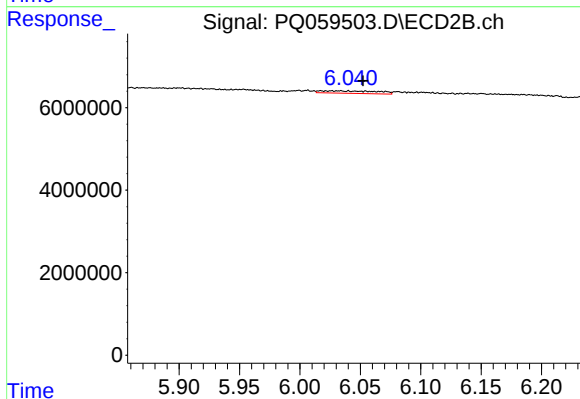
#33 AR-1260-3

R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 858217
Conc: 1.65 ng/ml



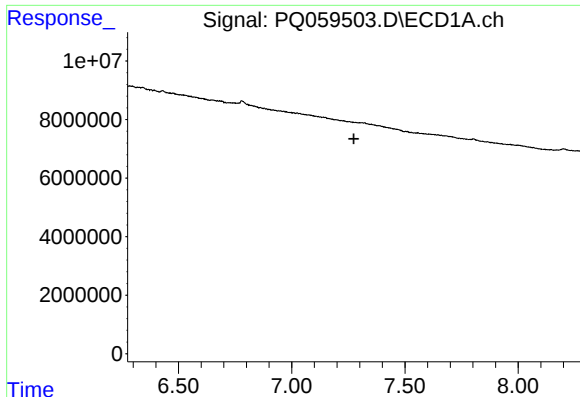
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#34 AR-1260-4

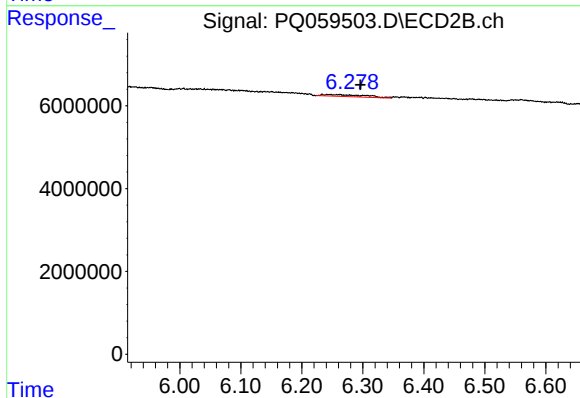
R.T.: 6.040 min
Delta R.T.: -0.012 min
Response: 1860901
Conc: 4.21 ng/ml



#35 AR-1260-5

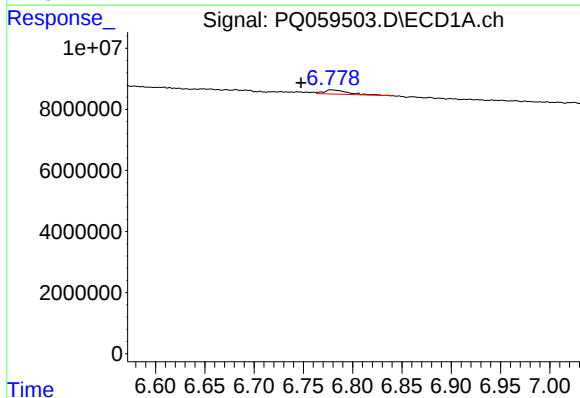
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



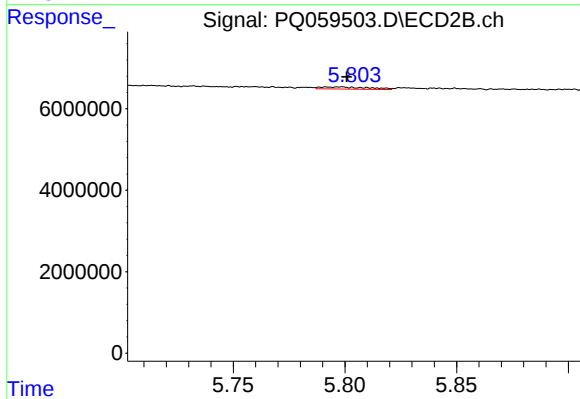
#35 AR-1260-5

R.T.: 6.244 min
Delta R.T.: -0.051 min
Response: 2168984
Conc: 2.13 ng/ml



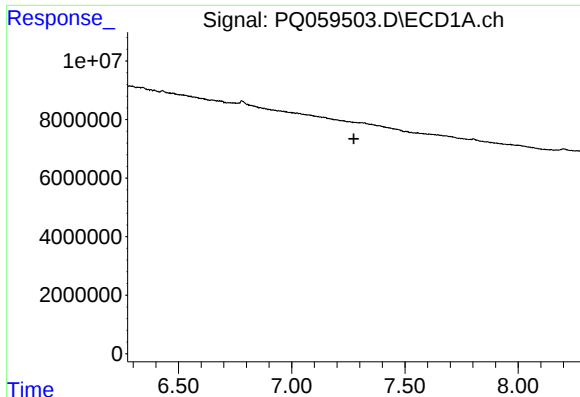
#36 AR-1262-1

R.T.: 6.778 min
Delta R.T.: 0.030 min
Response: 2195807
Conc: 3.16 ng/ml



#36 AR-1262-1

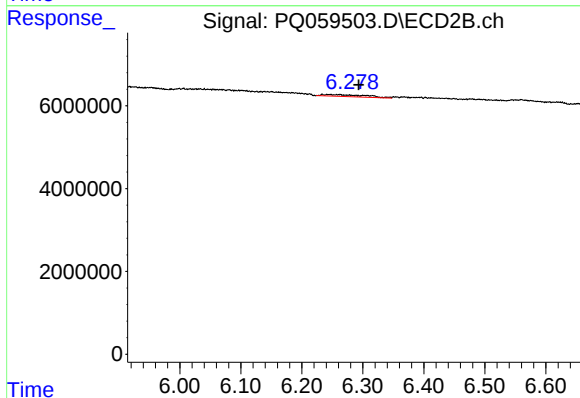
R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 775095
Conc: 1.22 ng/ml



#37 AR-1262-2

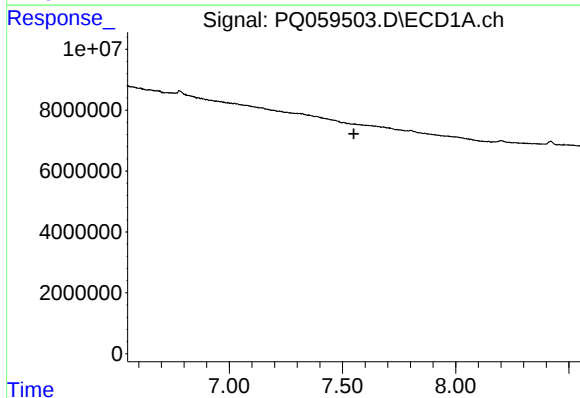
R.T.: 0.000 min
Exp R.T.: 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



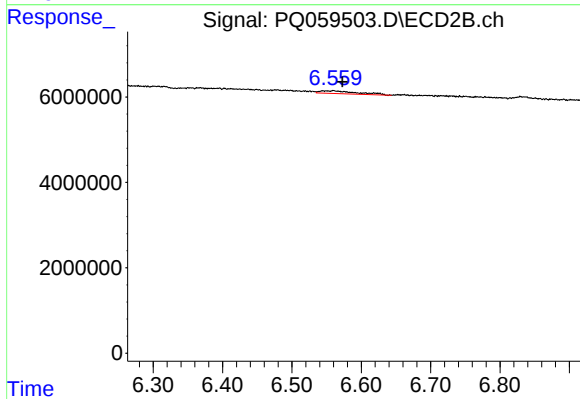
#37 AR-1262-2

R.T.: 6.244 min
Delta R.T.: -0.049 min
Response: 2168984
Conc: 1.85 ng/ml



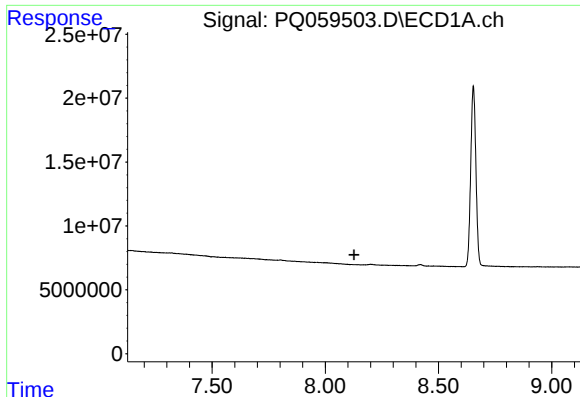
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.550 min
Response: 0
Conc: N.D.



#38 AR-1262-3

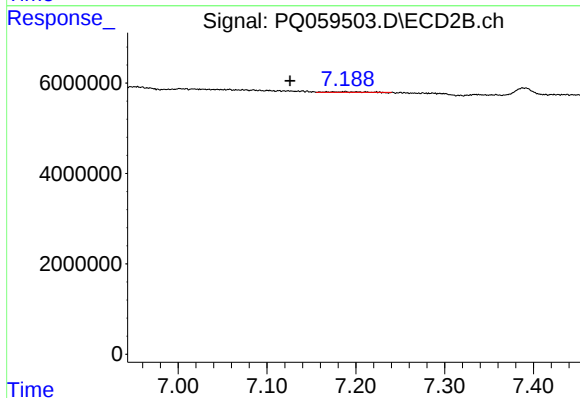
R.T.: 6.560 min
Delta R.T.: -0.013 min
Response: 2416338
Conc: 5.25 ng/ml



#40 AR-1262-5

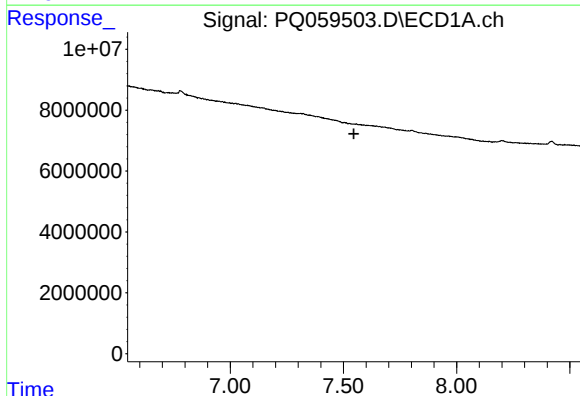
R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



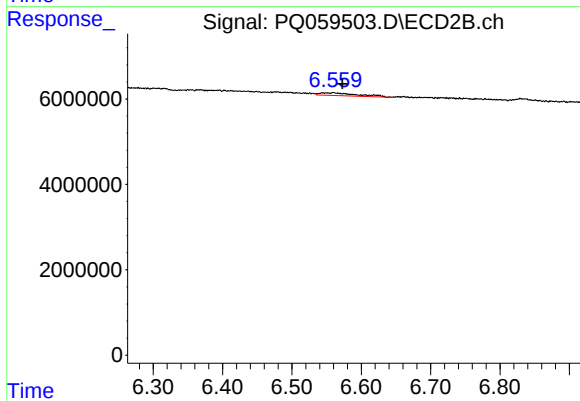
#40 AR-1262-5

R.T.: 7.188 min
Delta R.T.: 0.062 min
Response: 218507
Conc: 0.55 ng/ml



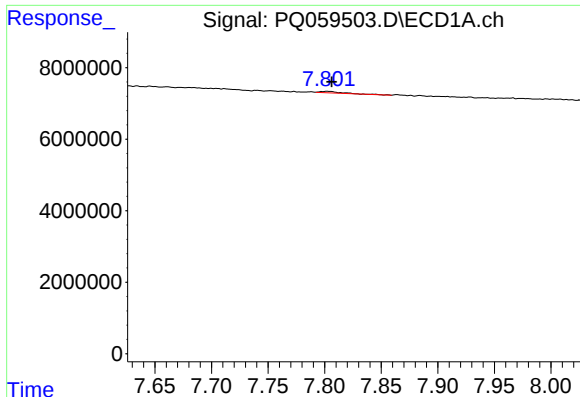
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.



#41 AR-1268-1

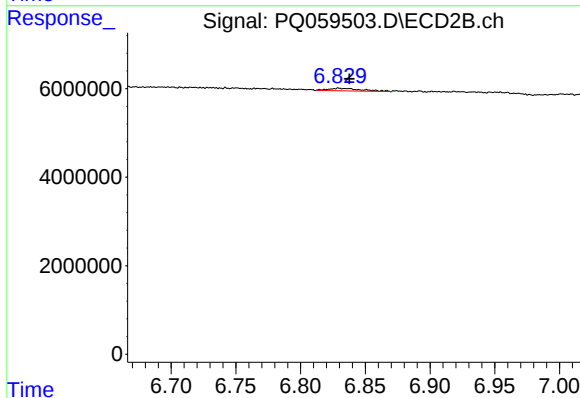
R.T.: 6.560 min
Delta R.T.: -0.013 min
Response: 2416338
Conc: 1.72 ng/ml



#43 AR-1268-3

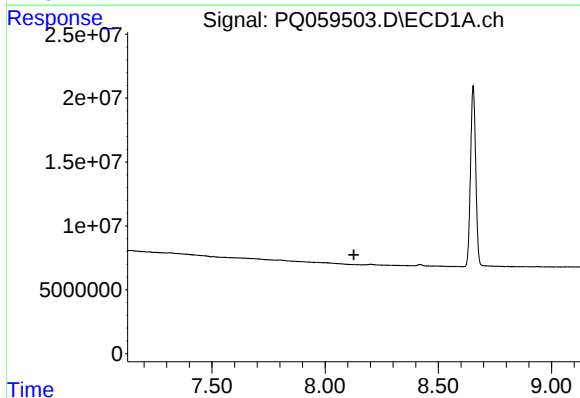
R.T.: 7.803 min
Delta R.T.: -0.004 min
Response: 561558
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



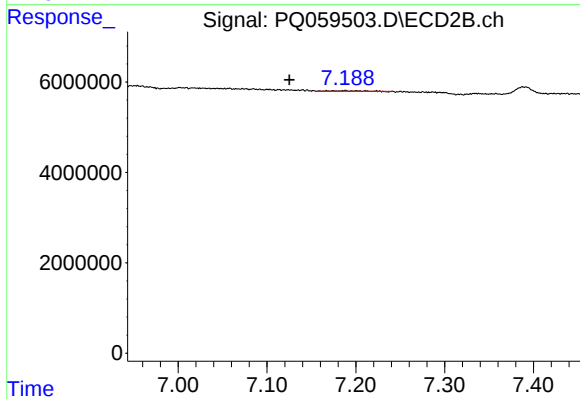
#43 AR-1268-3

R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 663955
Conc: 0.60 ng/ml



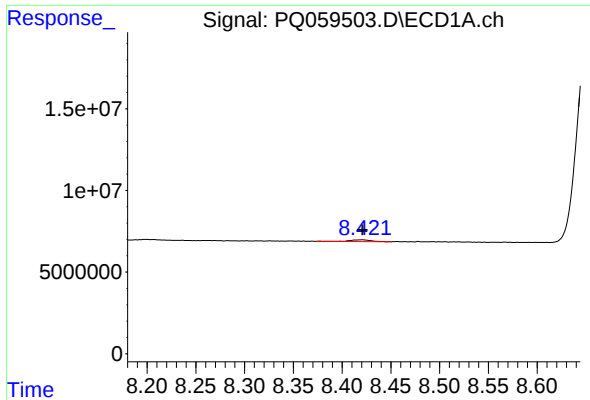
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

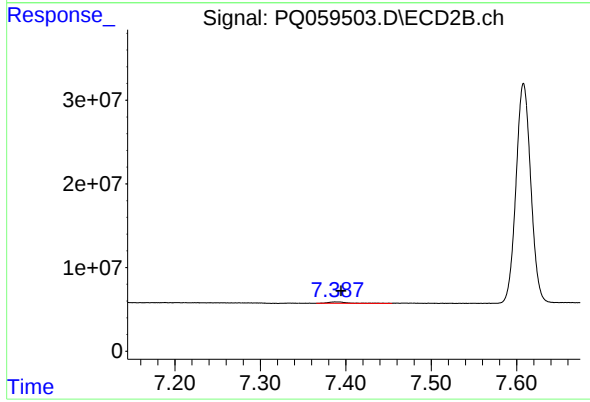
R.T.: 7.188 min
Delta R.T.: 0.063 min
Response: 218507
Conc: 0.48 ng/ml



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 1783728
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: -0.005 min
Response: 2821267
Conc: 0.79 ng/ml