

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070122\
 Data File : PR055142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 10:51
 Operator : AJ\MA
 Sample : N3214-08
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:02:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 27 17:05:06 2022
 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...	3.639	2.910	75516029	34280837	20.762	20.535
2)	SA Decachlor...	9.530	8.137	29689513	28571600	20.590	20.335
Target Compounds							
3)	L1 AR-1016-1	4.861	4.022	3367886	1684769	32.925	29.384
4)	L1 AR-1016-2	4.882	4.039	3913672	1572734	26.988	20.134 #
5)	L1 AR-1016-3	4.946	4.217	1850182	1009829	21.184	23.733
6)	L1 AR-1016-4	5.047	4.267	2157031	2211187	29.736	66.911 #
7)	L1 AR-1016-5	5.363	4.483	4793463	2612955	74.322	61.850
8)	L2 AR-1221-1	3.857	0.000	1203872	0	26.855	N.D. #
9)	L2 AR-1221-2	3.950	3.211	1297641	469430	39.557	29.789
10)	L2 AR-1221-3	4.026	0.000	554661	0	5.488	N.D. #
11)	L3 AR-1232-1	4.026	0.000	554661	0	5.980	N.D. #
12)	L3 AR-1232-2	4.576	4.039	2745390	1572734	62.956	39.190 #
13)	L3 AR-1232-3	4.882	4.217	3913672	1009829	51.458	43.691
14)	L3 AR-1232-4	5.047	4.309	2157031	2206944	60.438	119.348 #
15)	L3 AR-1232-5	5.152	4.483	4635669	2612955	171.439	116.519 #
16)	L4 AR-1242-1	4.861	4.022	3367886	1684769	39.096	35.162
17)	L4 AR-1242-2	4.882	4.039	3913672	1572734	32.256	24.150 #
18)	L4 AR-1242-3	4.946	4.217	1850182	1009829	25.379	28.556
19)	L4 AR-1242-4	5.047	4.309	2157031	2206944	36.431	67.064 #
20)	L4 AR-1242-5	5.836	4.851	4810113	3853482	91.847	89.143
21)	L5 AR-1248-1	4.861	4.022	3367886	1684769	50.047	47.124
22)	L5 AR-1248-2	5.152	4.267	4635669	2211187	56.349	46.630
23)	L5 AR-1248-3	5.363	4.309	4793463	2206944	53.566	46.388
24)	L5 AR-1248-4	5.796	4.483	4748411	2612955	53.555	44.315
25)	L5 AR-1248-5	5.836	4.892	4810113	2729754	55.929	47.250
26)	L6 AR-1254-1	5.765	4.851	3946707	3853482	42.394	44.053
27)	L6 AR-1254-2	6.003	5.009	4737028	1256745	36.259	16.292 #
28)	L6 AR-1254-3	6.394	5.428	2550428	1749677	20.190	14.194 #
29)	L6 AR-1254-4	6.707	5.673	1629633	1197466	17.574	15.217
30)	L6 AR-1254-5	7.161	6.116	493090	327817	5.016	2.866 #
31)	L7 AR-1260-1	6.576	5.575	376764	893890	4.327	11.310 #
32)	L7 AR-1260-2	6.857	5.770	284938	128191	2.844	1.360 #
35)	L7 AR-1260-5	7.829	0.000	547980	0	3.578	N.D. #
37)	L8 AR-1262-2	7.829	0.000	547980	0	3.043	N.D. #
38)	L8 AR-1262-3	8.148	0.000	370325	0	2.970	N.D. #
39)	L8 AR-1262-4	8.221	0.000	353009	0	6.308	N.D. #
40)	L8 AR-1262-5	8.869f	7.607	641677	929966	9.384	13.471 #
41)	L9 AR-1268-1	8.148	0.000	370325	0	1.835	N.D. #
42)	L9 AR-1268-2	8.221	0.000	353009	0	1.902	N.D. #
43)	L9 AR-1268-3	8.445	0.000	223919	0	1.437	N.D. #
44)	L9 AR-1268-4	8.869f	7.607	641677	929966	8.758	12.483 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
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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	9.224	7.896	323678	394085	0.647	0.741

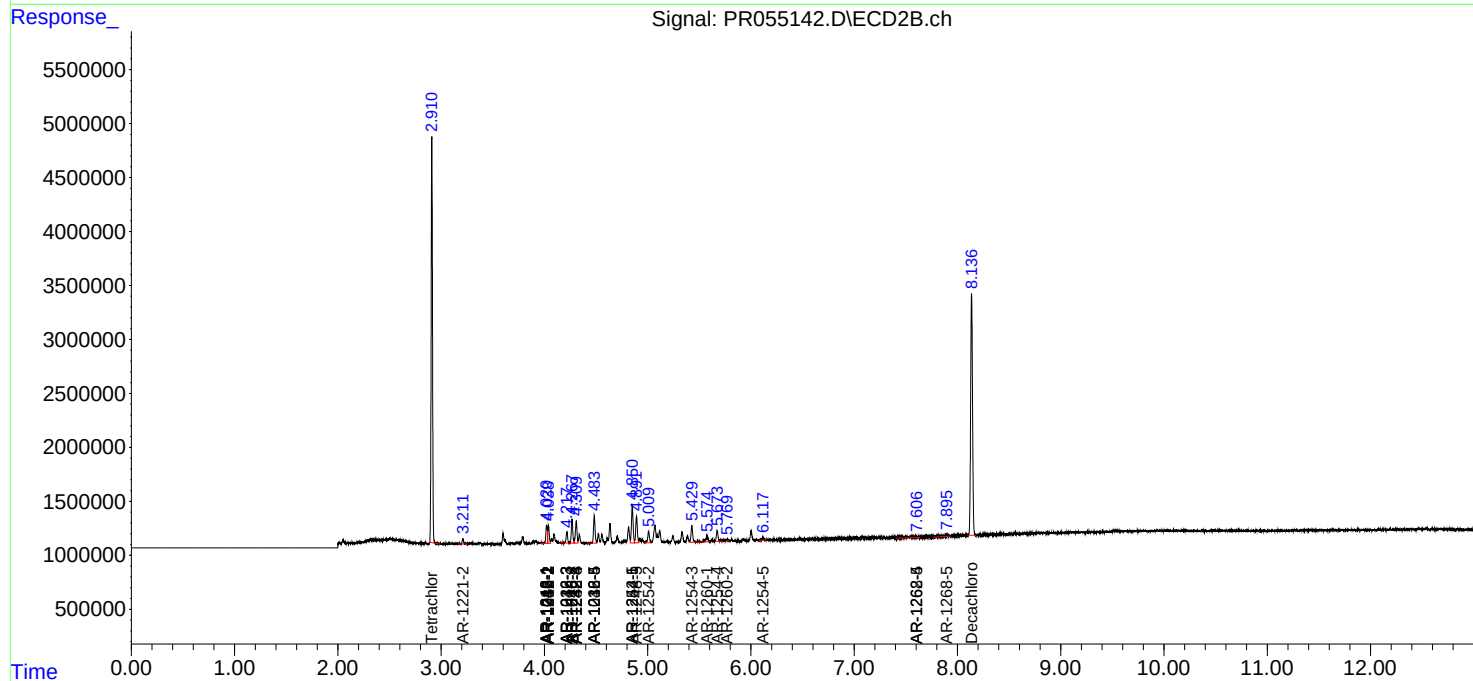
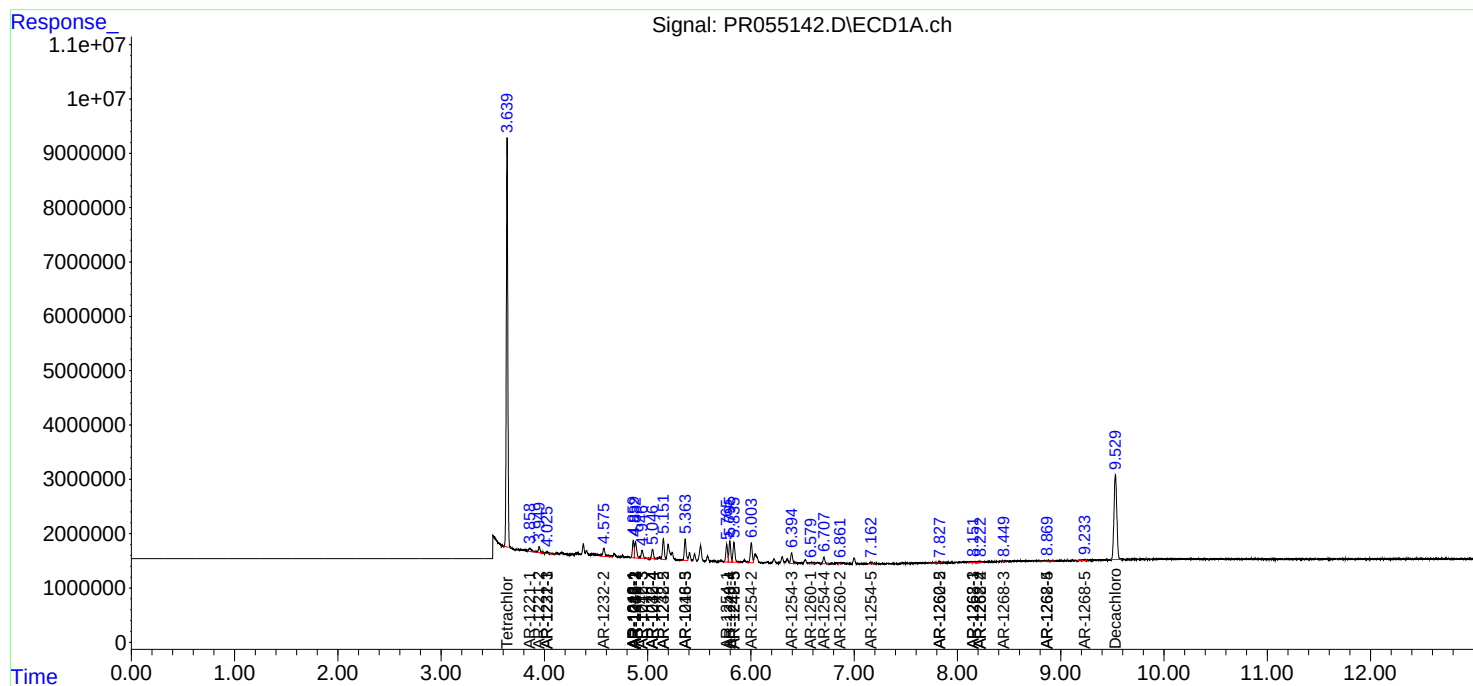
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

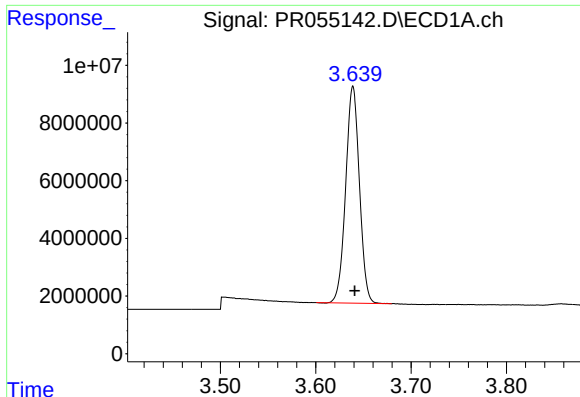
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070122\
Data File : PR055142.D
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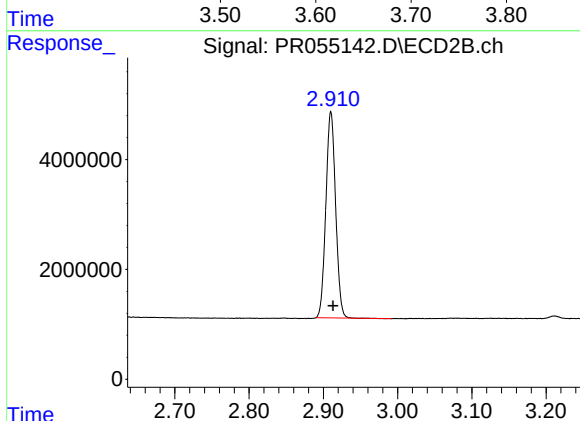




#1 Tetrachloro-m-xylene

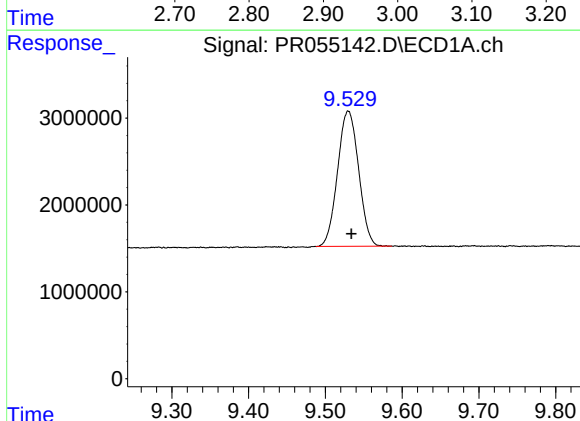
R.T.: 3.639 min
Delta R.T.: -0.002 min
Response: 75516029
Conc: 20.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



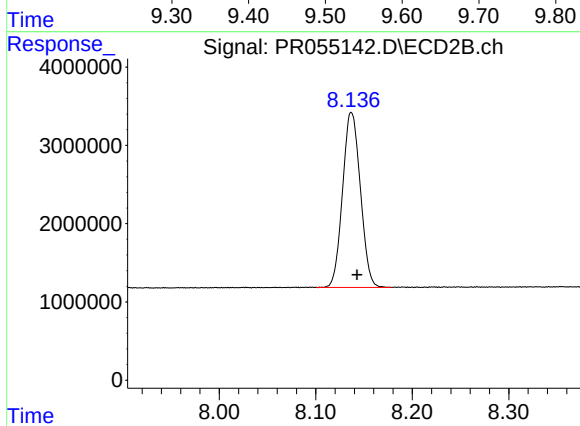
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: -0.003 min
Response: 34280837
Conc: 20.53 ng/ml



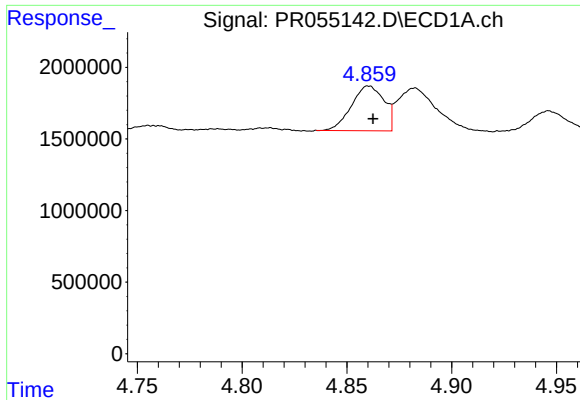
#2 Decachlorobiphenyl

R.T.: 9.530 min
Delta R.T.: -0.004 min
Response: 29689513
Conc: 20.59 ng/ml



#2 Decachlorobiphenyl

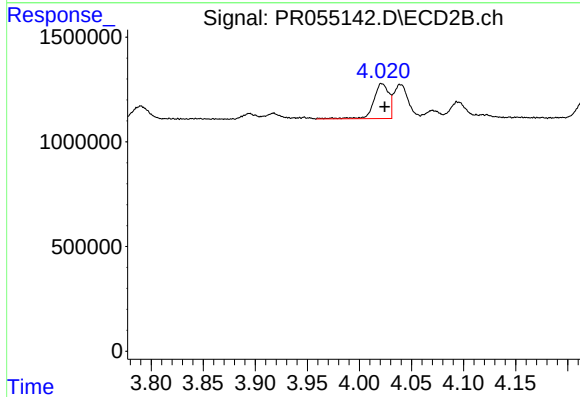
R.T.: 8.137 min
Delta R.T.: -0.006 min
Response: 28571600
Conc: 20.34 ng/ml



#3 AR-1016-1

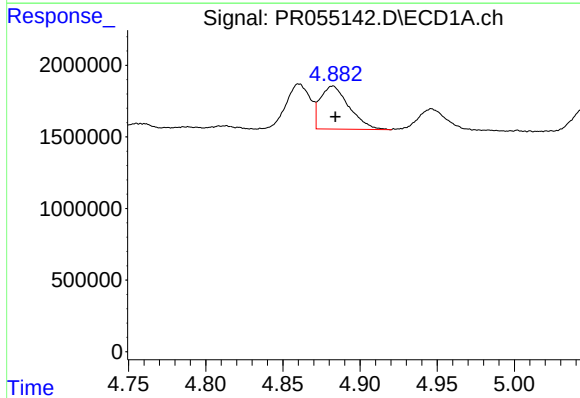
R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 3367886
Conc: 32.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



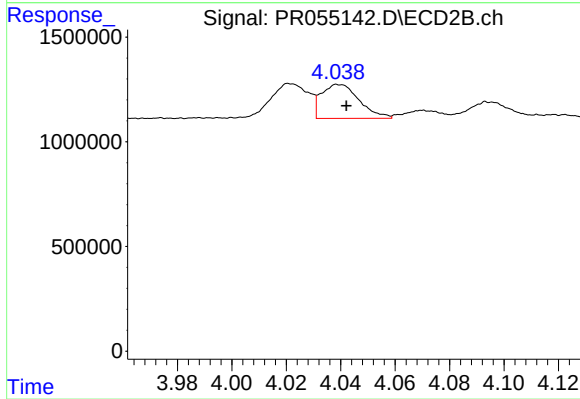
#3 AR-1016-1

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 1684769
Conc: 29.38 ng/ml



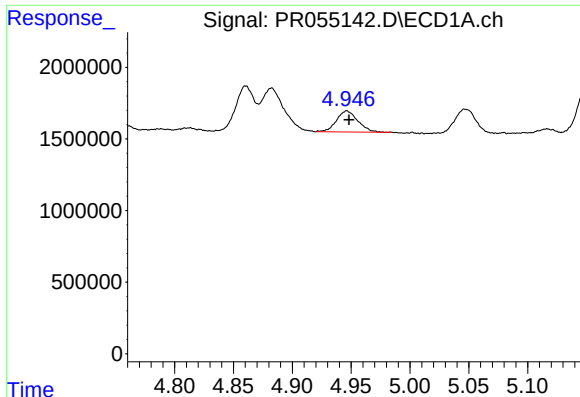
#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 3913672
Conc: 26.99 ng/ml



#4 AR-1016-2

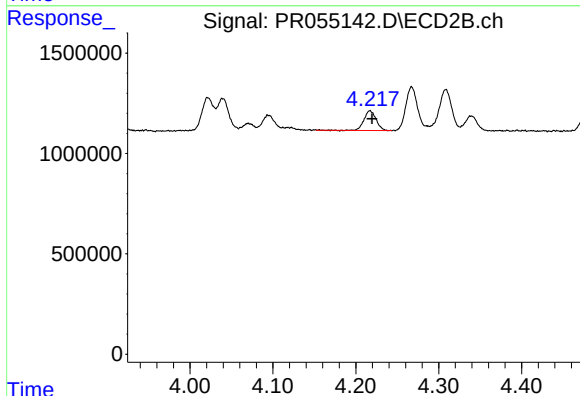
R.T.: 4.039 min
Delta R.T.: -0.003 min
Response: 1572734
Conc: 20.13 ng/ml



#5 AR-1016-3

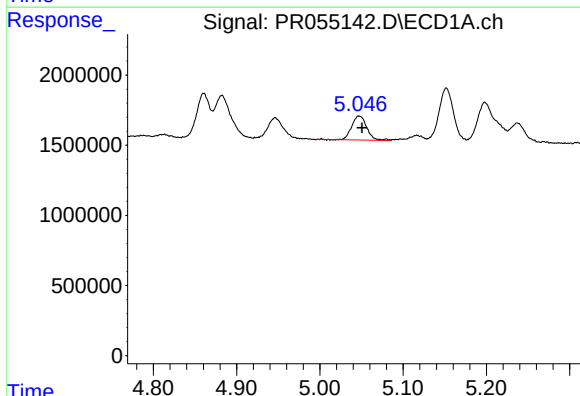
R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 1850182
Conc: 21.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



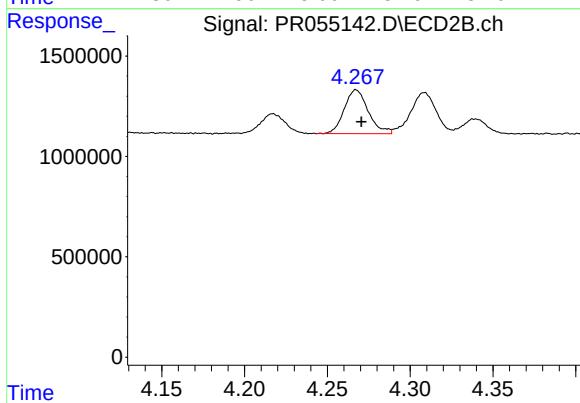
#5 AR-1016-3

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 1009829
Conc: 23.73 ng/ml



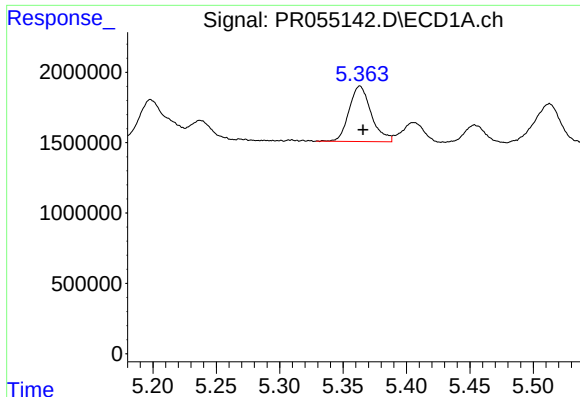
#6 AR-1016-4

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 2157031
Conc: 29.74 ng/ml



#6 AR-1016-4

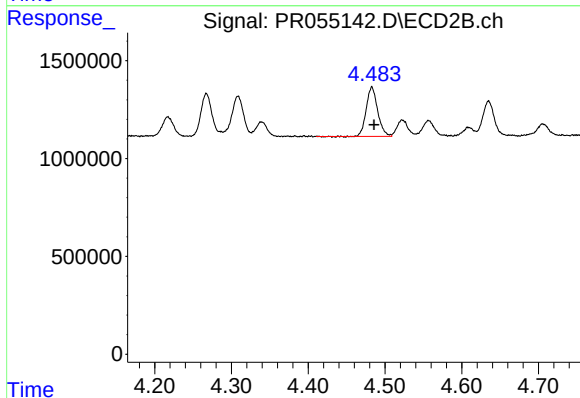
R.T.: 4.267 min
Delta R.T.: -0.003 min
Response: 2211187
Conc: 66.91 ng/ml



#7 AR-1016-5

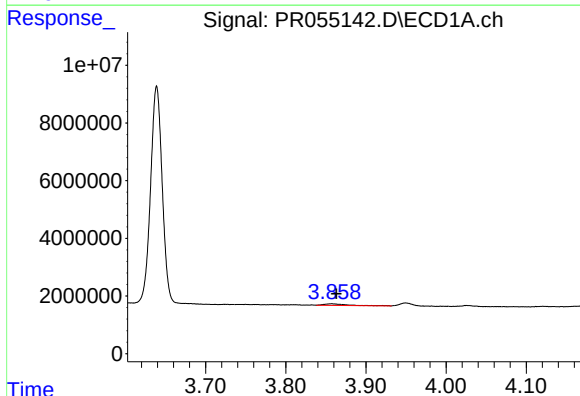
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 4793463
Conc: 74.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



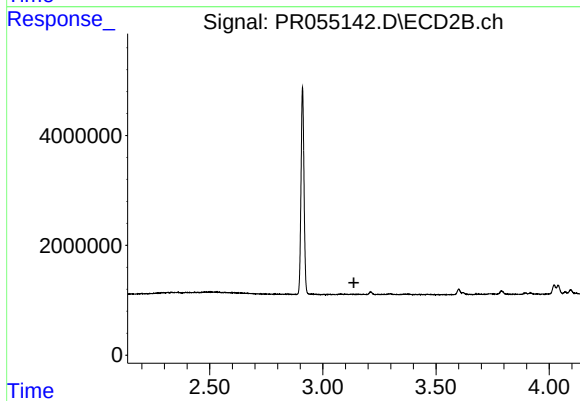
#7 AR-1016-5

R.T.: 4.483 min
Delta R.T.: -0.003 min
Response: 2612955
Conc: 61.85 ng/ml



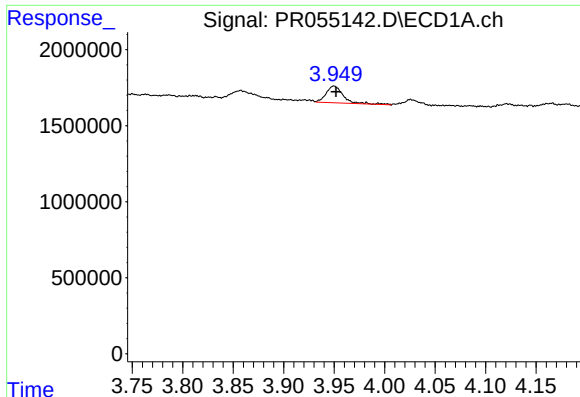
#8 AR-1221-1

R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 1203872
Conc: 26.86 ng/ml



#8 AR-1221-1

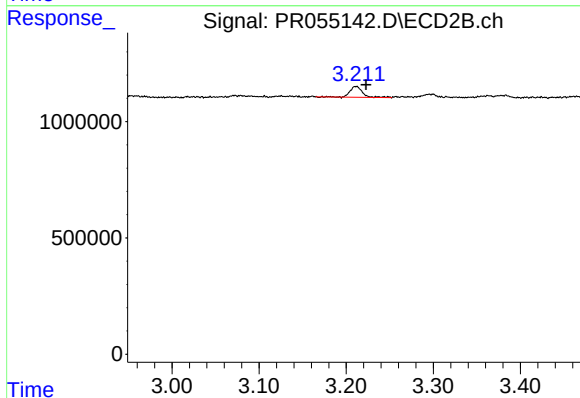
R.T.: 0.000 min
Exp R.T. : 3.137 min
Response: 0
Conc: N.D.



#9 AR-1221-2

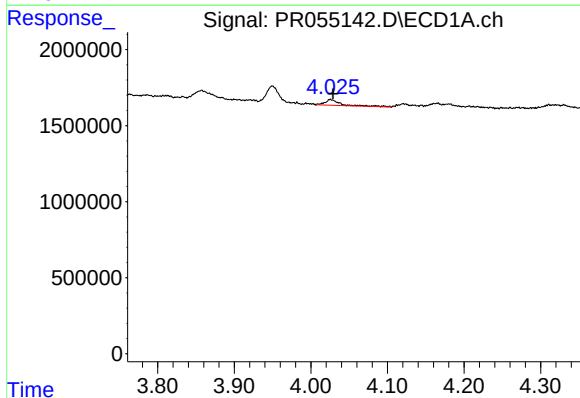
R.T.: 3.950 min
Delta R.T.: -0.002 min
Response: 1297641
Conc: 39.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



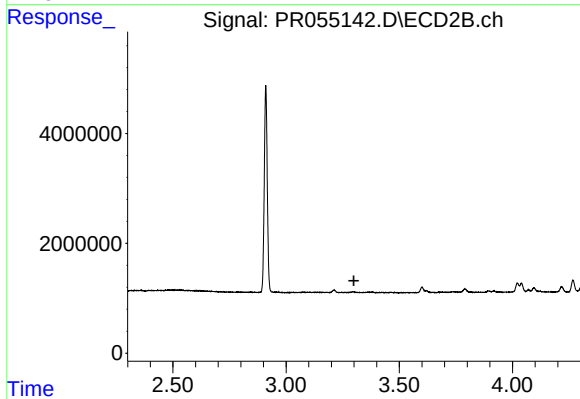
#9 AR-1221-2

R.T.: 3.211 min
Delta R.T.: -0.011 min
Response: 469430
Conc: 29.79 ng/ml



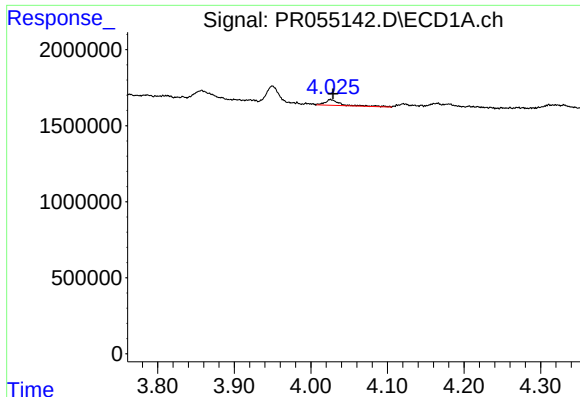
#10 AR-1221-3

R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 554661
Conc: 5.49 ng/ml



#10 AR-1221-3

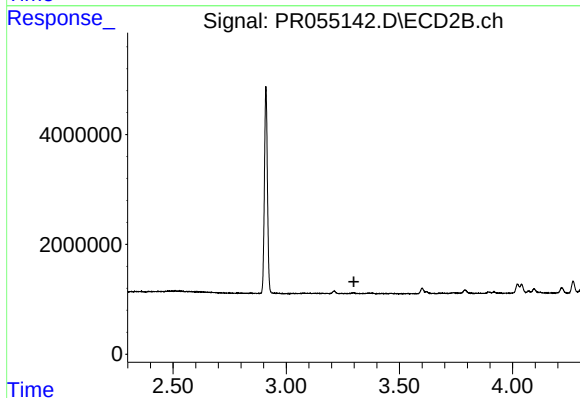
R.T.: 0.000 min
Exp R.T. : 3.299 min
Response: 0
Conc: N.D.



#11 AR-1232-1

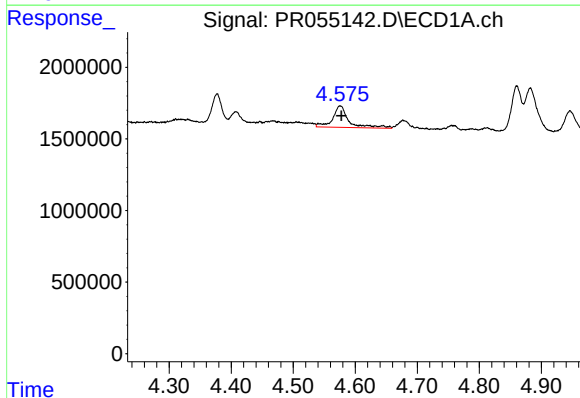
R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 554661
Conc: 5.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



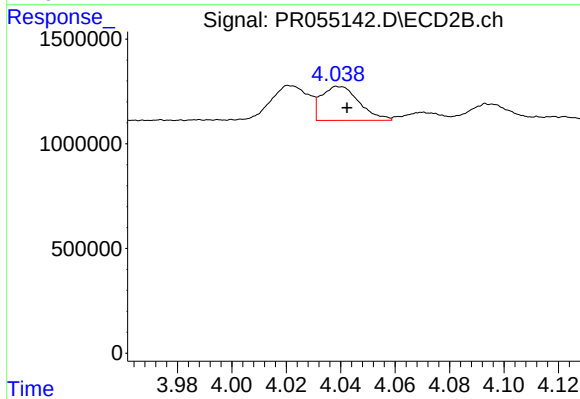
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.299 min
Response: 0
Conc: N.D.



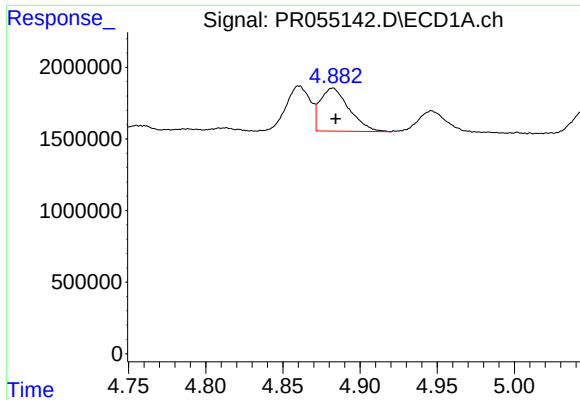
#12 AR-1232-2

R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 2745390
Conc: 62.96 ng/ml



#12 AR-1232-2

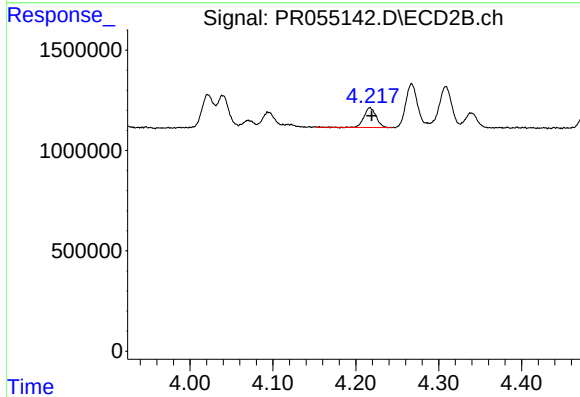
R.T.: 4.039 min
Delta R.T.: -0.003 min
Response: 1572734
Conc: 39.19 ng/ml



#13 AR-1232-3

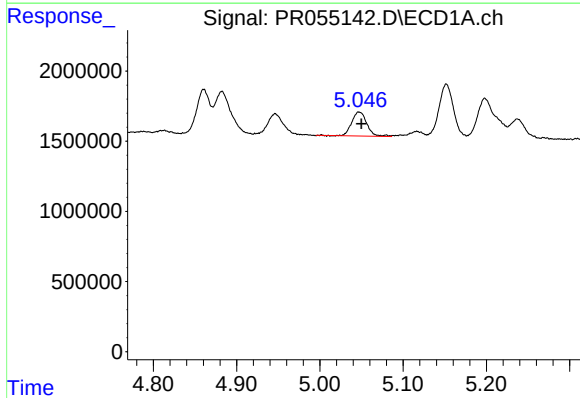
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 3913672
Conc: 51.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



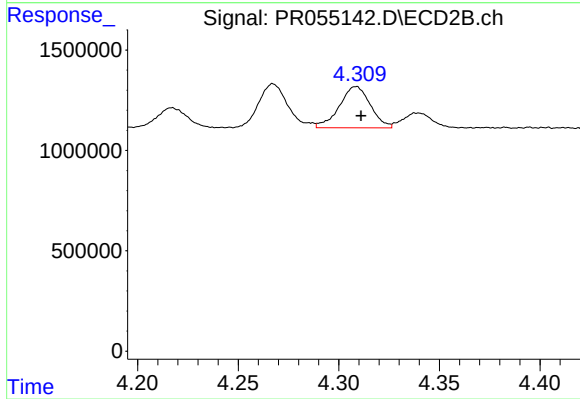
#13 AR-1232-3

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 1009829
Conc: 43.69 ng/ml



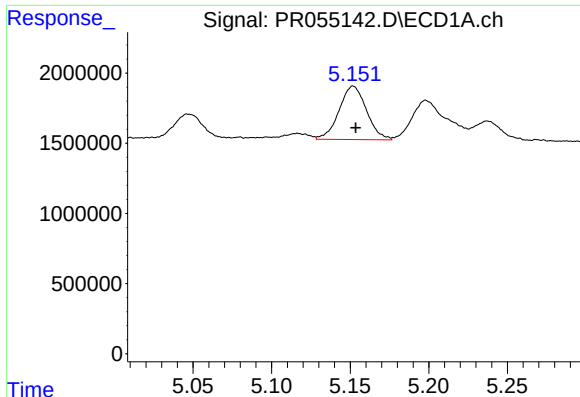
#14 AR-1232-4

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 2157031
Conc: 60.44 ng/ml



#14 AR-1232-4

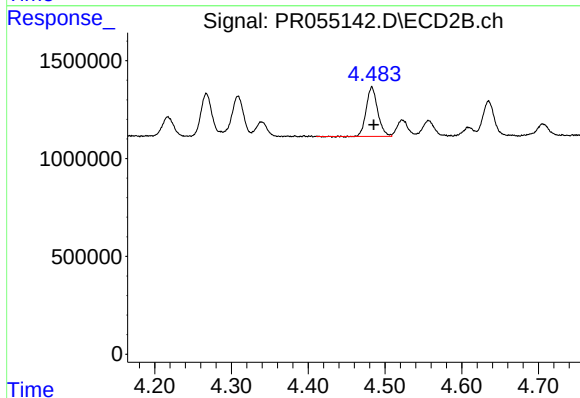
R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 2206944
Conc: 119.35 ng/ml



#15 AR-1232-5

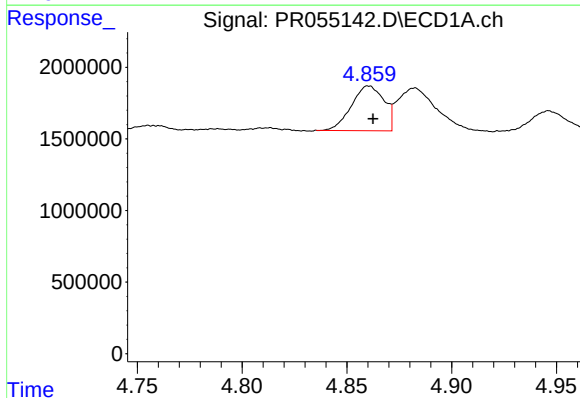
R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 4635669
Conc: 171.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



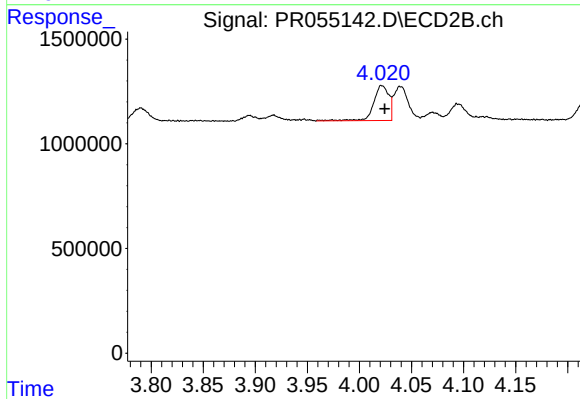
#15 AR-1232-5

R.T.: 4.483 min
Delta R.T.: -0.002 min
Response: 2612955
Conc: 116.52 ng/ml



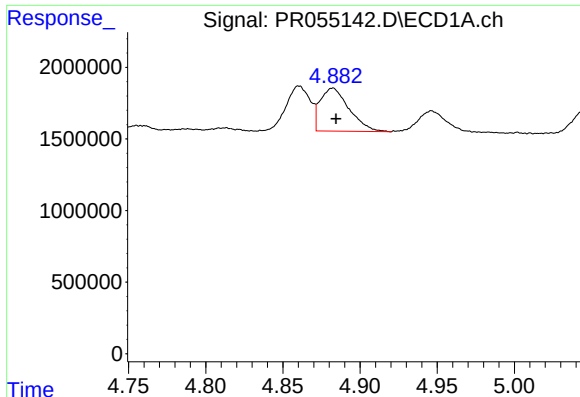
#16 AR-1242-1

R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 3367886
Conc: 39.10 ng/ml



#16 AR-1242-1

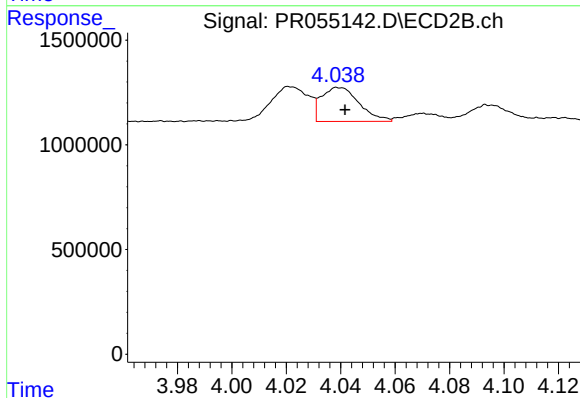
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 1684769
Conc: 35.16 ng/ml



#17 AR-1242-2

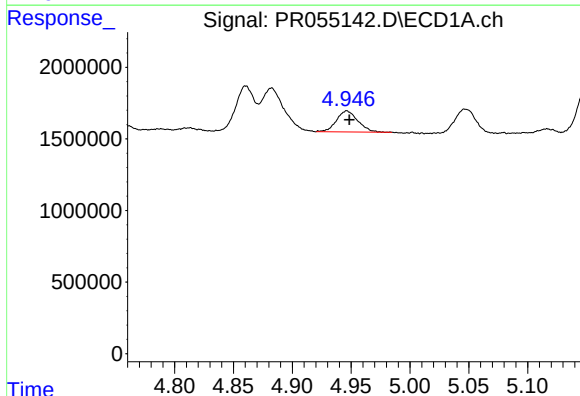
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 3913672
Conc: 32.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



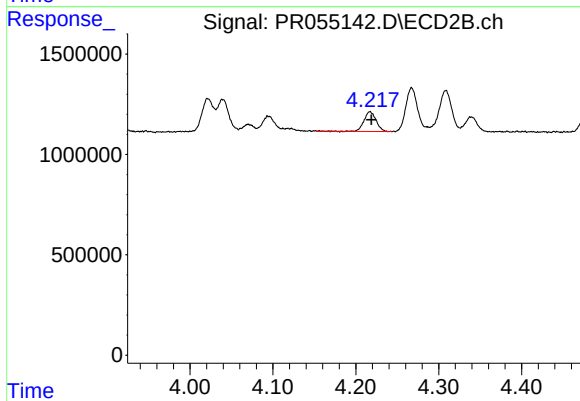
#17 AR-1242-2

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 1572734
Conc: 24.15 ng/ml



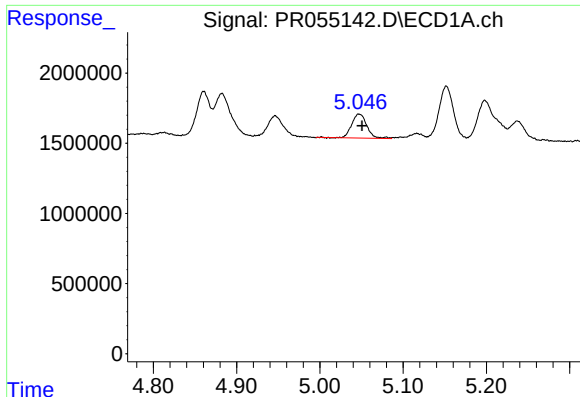
#18 AR-1242-3

R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 1850182
Conc: 25.38 ng/ml



#18 AR-1242-3

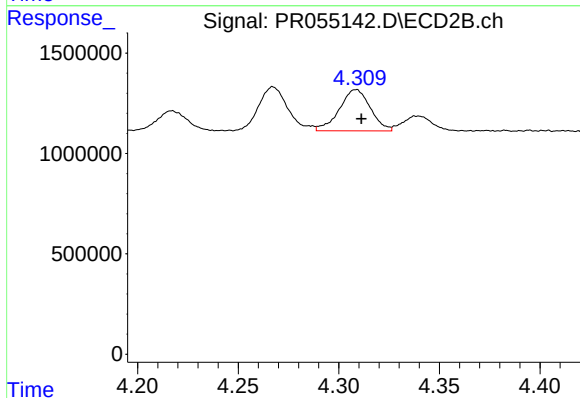
R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 1009829
Conc: 28.56 ng/ml



#19 AR-1242-4

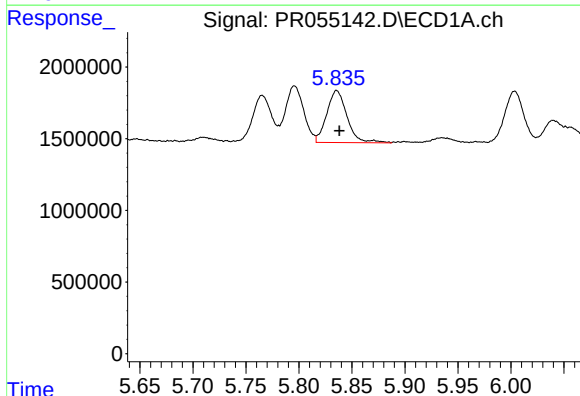
R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 2157031
Conc: 36.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



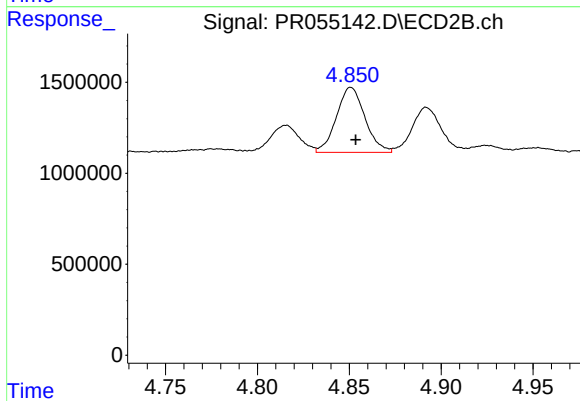
#19 AR-1242-4

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 2206944
Conc: 67.06 ng/ml



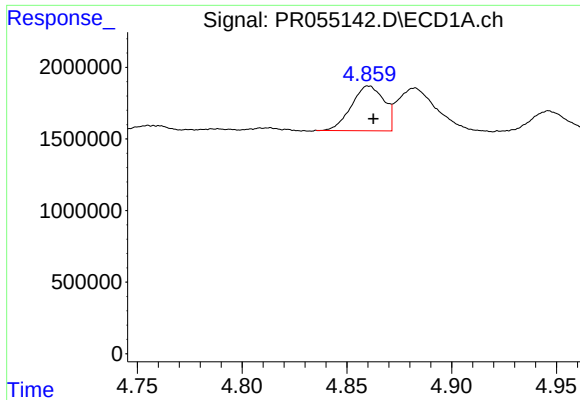
#20 AR-1242-5

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 4810113
Conc: 91.85 ng/ml



#20 AR-1242-5

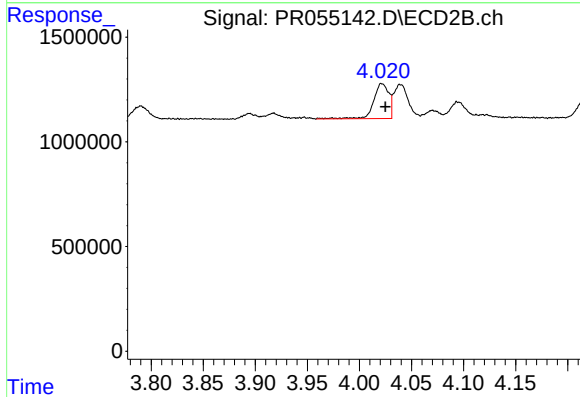
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 3853482
Conc: 89.14 ng/ml



#21 AR-1248-1

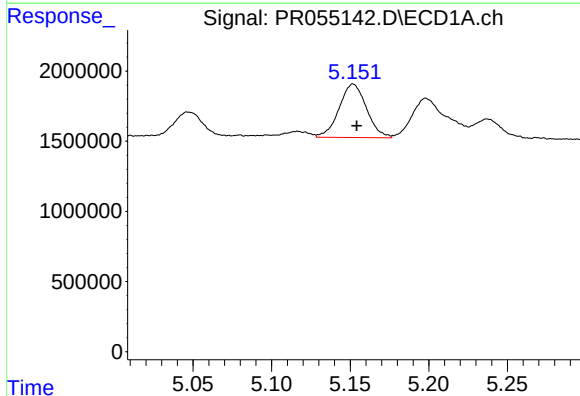
R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 3367886
Conc: 50.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



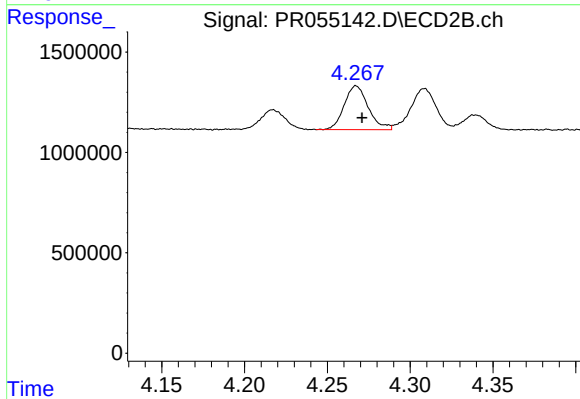
#21 AR-1248-1

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 1684769
Conc: 47.12 ng/ml



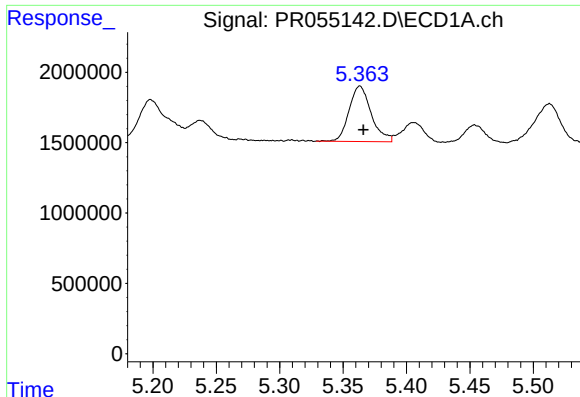
#22 AR-1248-2

R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 4635669
Conc: 56.35 ng/ml



#22 AR-1248-2

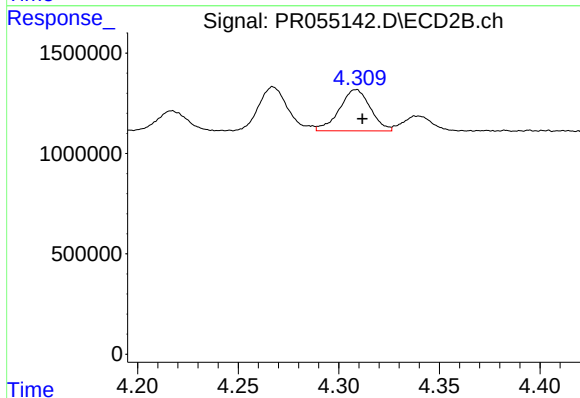
R.T.: 4.267 min
Delta R.T.: -0.003 min
Response: 2211187
Conc: 46.63 ng/ml



#23 AR-1248-3

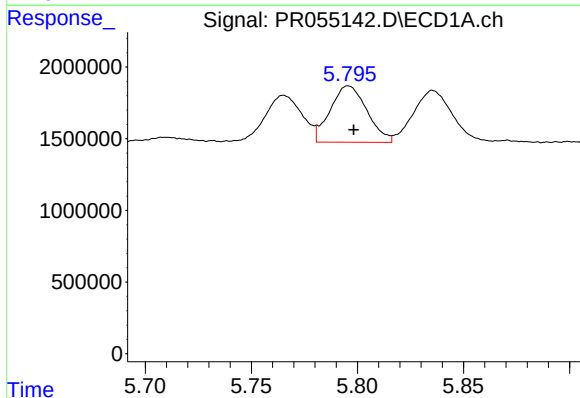
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 4793463
Conc: 53.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



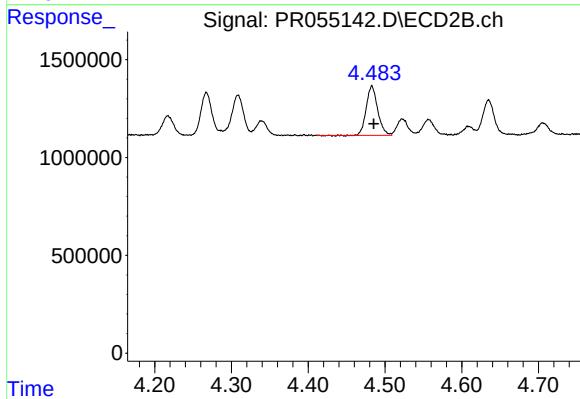
#23 AR-1248-3

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 2206944
Conc: 46.39 ng/ml



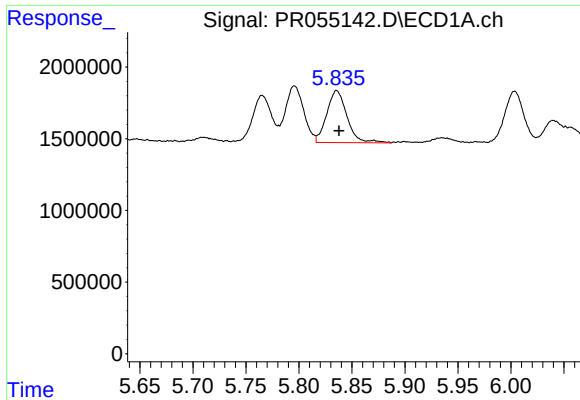
#24 AR-1248-4

R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 4748411
Conc: 53.55 ng/ml



#24 AR-1248-4

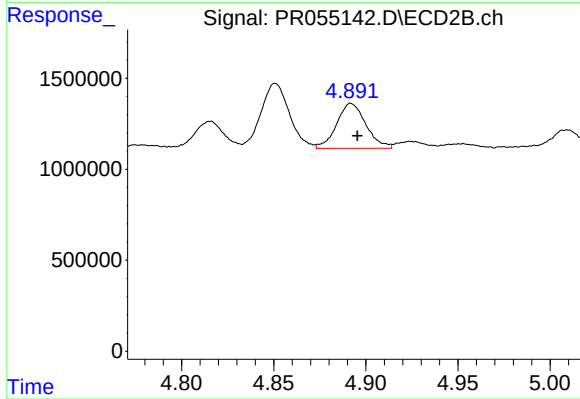
R.T.: 4.483 min
Delta R.T.: -0.003 min
Response: 2612955
Conc: 44.31 ng/ml



#25 AR-1248-5

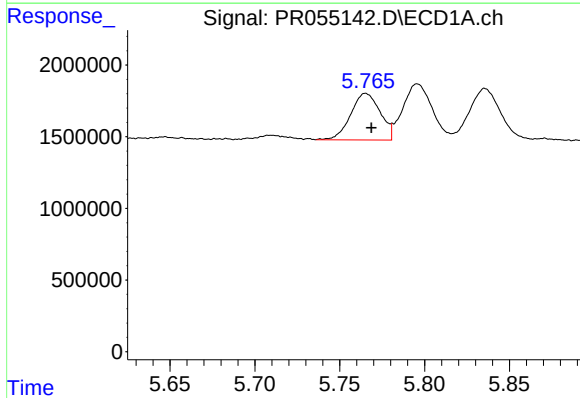
R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 4810113
Conc: 55.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



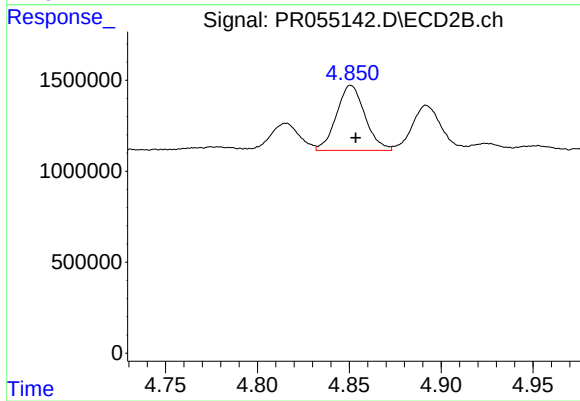
#25 AR-1248-5

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 2729754
Conc: 47.25 ng/ml



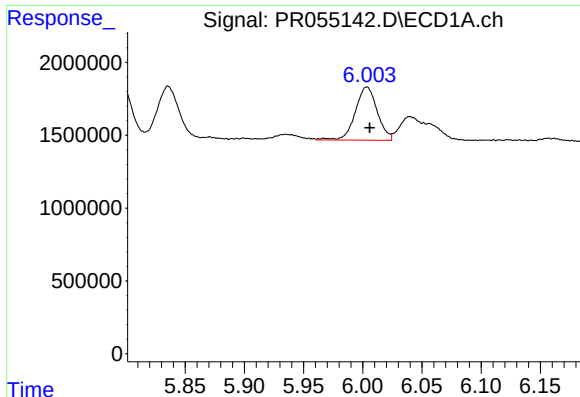
#26 AR-1254-1

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 3946707
Conc: 42.39 ng/ml



#26 AR-1254-1

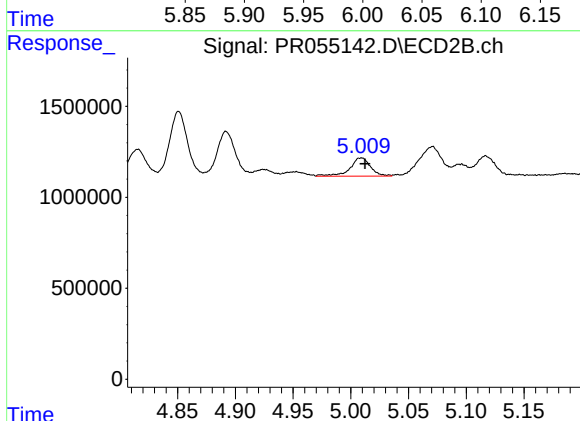
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 3853482
Conc: 44.05 ng/ml



#27 AR-1254-2

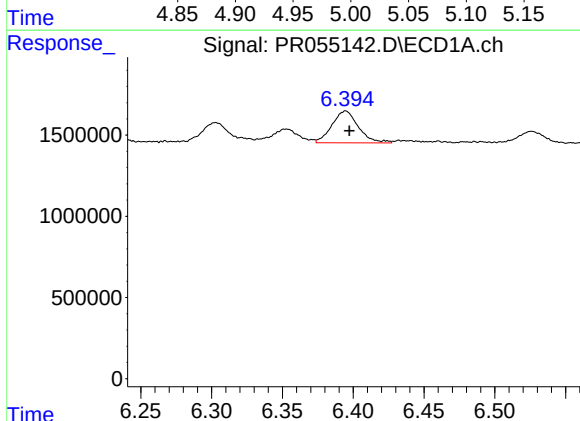
R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 4737028
Conc: 36.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



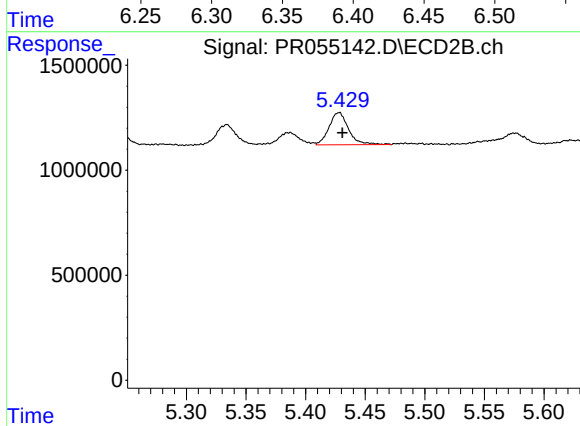
#27 AR-1254-2

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 1256745
Conc: 16.29 ng/ml



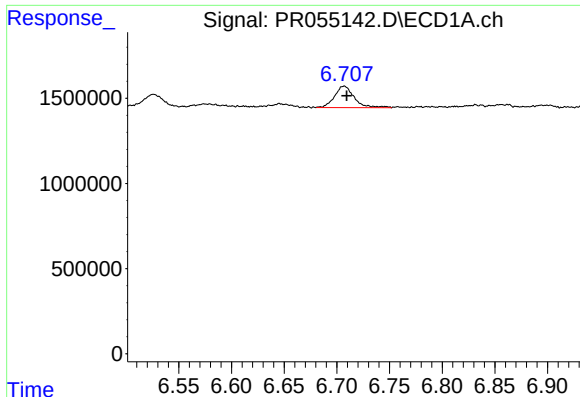
#28 AR-1254-3

R.T.: 6.394 min
Delta R.T.: -0.003 min
Response: 2550428
Conc: 20.19 ng/ml



#28 AR-1254-3

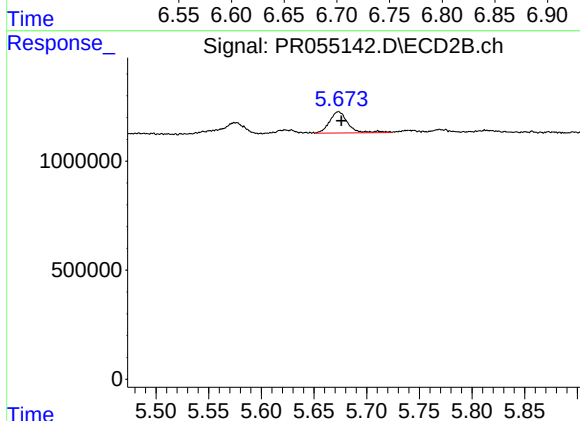
R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 1749677
Conc: 14.19 ng/ml



#29 AR-1254-4

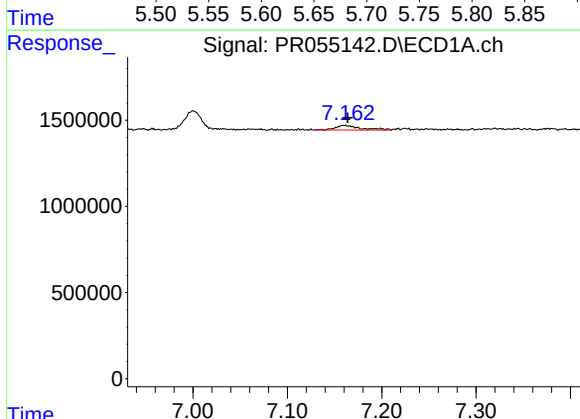
R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 1629633
Conc: 17.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



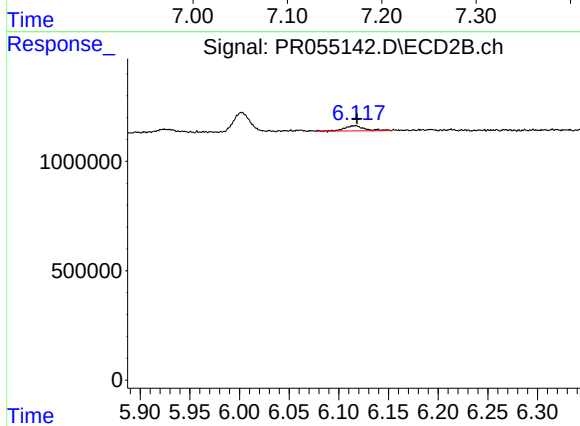
#29 AR-1254-4

R.T.: 5.673 min
Delta R.T.: -0.003 min
Response: 1197466
Conc: 15.22 ng/ml



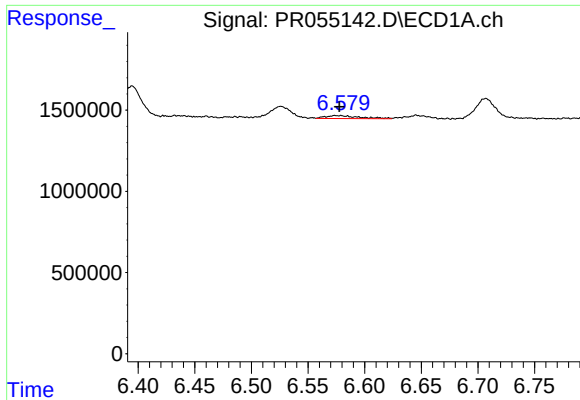
#30 AR-1254-5

R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 493090
Conc: 5.02 ng/ml



#30 AR-1254-5

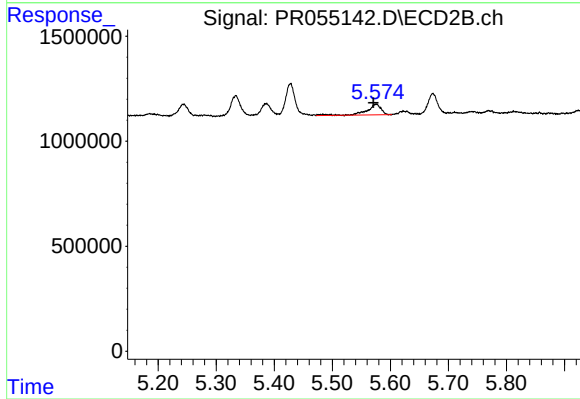
R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 327817
Conc: 2.87 ng/ml



#31 AR-1260-1

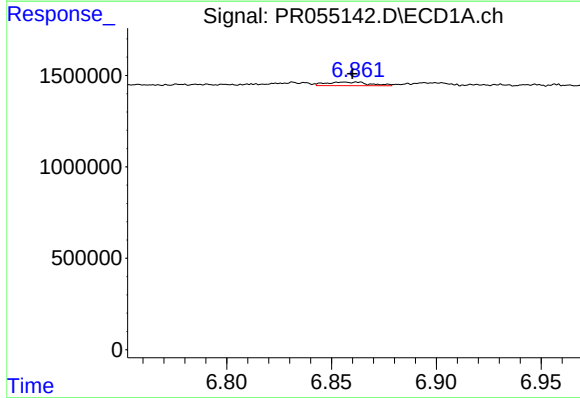
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 376764
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



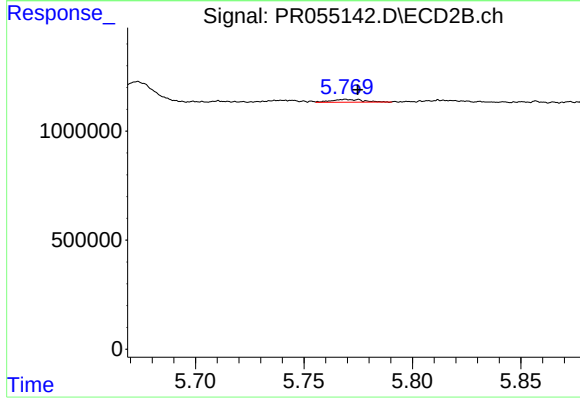
#31 AR-1260-1

R.T.: 5.575 min
Delta R.T.: 0.004 min
Response: 893890
Conc: 11.31 ng/ml



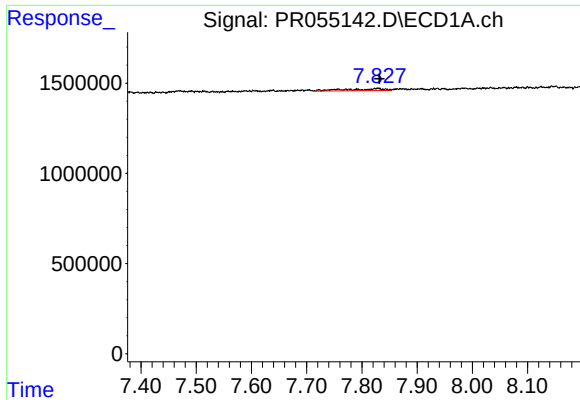
#32 AR-1260-2

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 284938
Conc: 2.84 ng/ml



#32 AR-1260-2

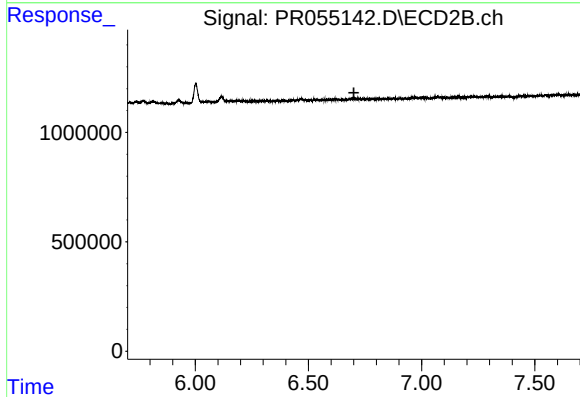
R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 128191
Conc: 1.36 ng/ml



#35 AR-1260-5

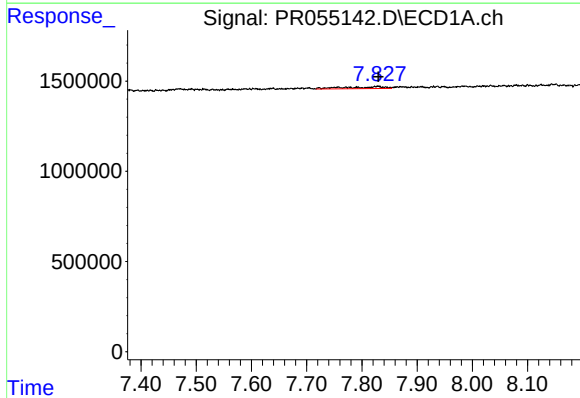
R.T.: 7.829 min
Delta R.T.: -0.003 min
Response: 547980
Conc: 3.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



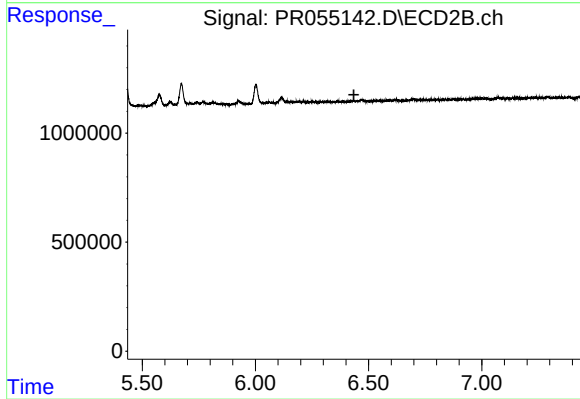
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 6.701 min
Response: 0
Conc: N.D.



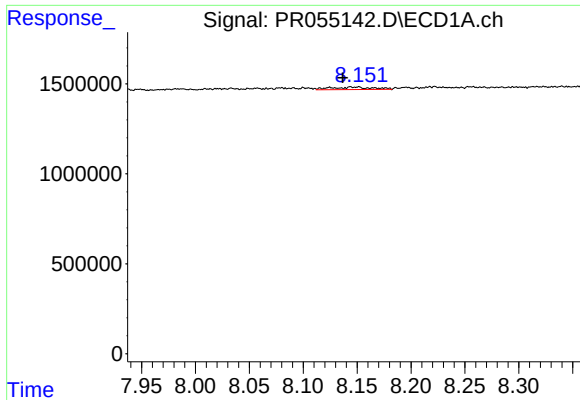
#37 AR-1262-2

R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 547980
Conc: 3.04 ng/ml



#37 AR-1262-2

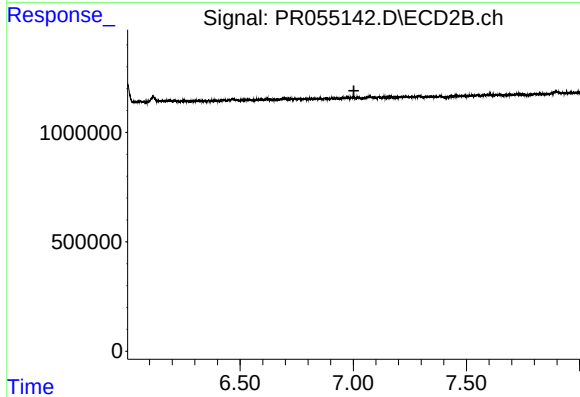
R.T.: 0.000 min
Exp R.T. : 6.435 min
Response: 0
Conc: N.D.



#38 AR-1262-3

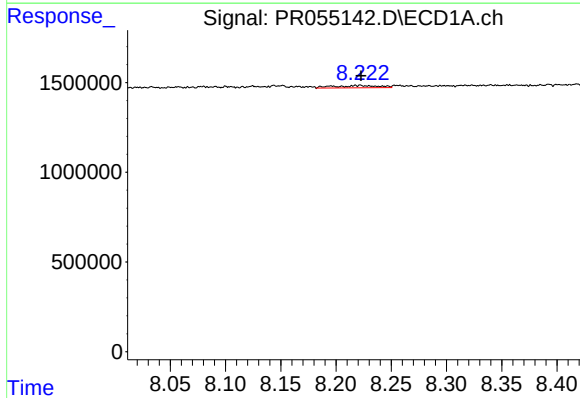
R.T.: 8.148 min
Delta R.T.: 0.011 min
Response: 370325
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



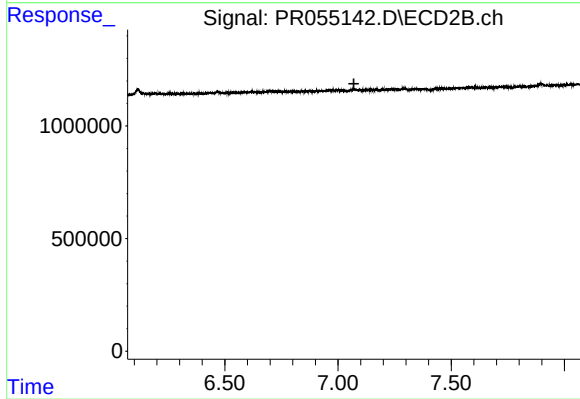
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.003 min
Response: 0
Conc: N.D.



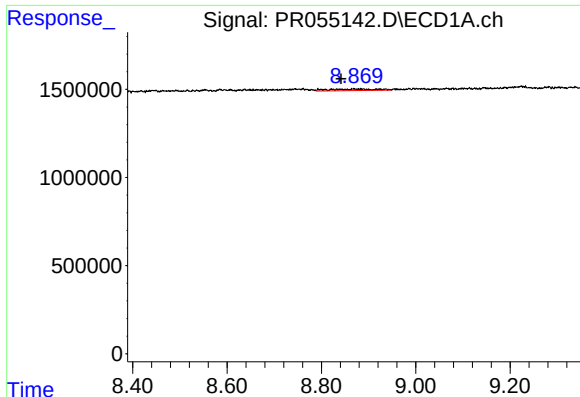
#39 AR-1262-4

R.T.: 8.221 min
Delta R.T.: -0.001 min
Response: 353009
Conc: 6.31 ng/ml



#39 AR-1262-4

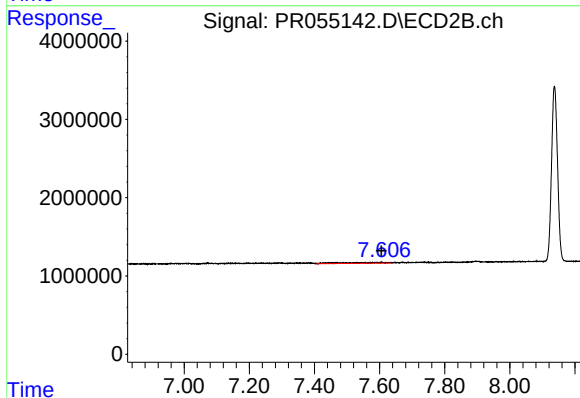
R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.



#40 AR-1262-5

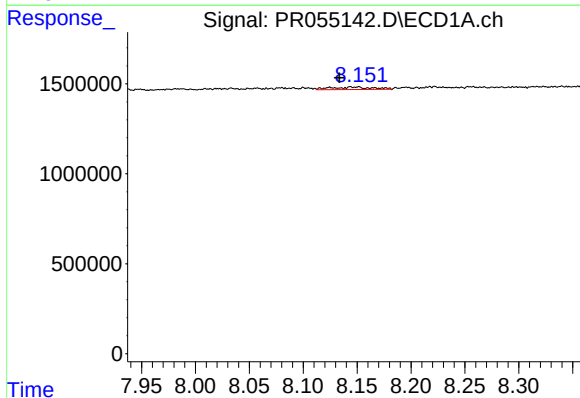
R.T.: 8.869 min
Delta R.T.: 0.027 min
Response: 641677
Conc: 9.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



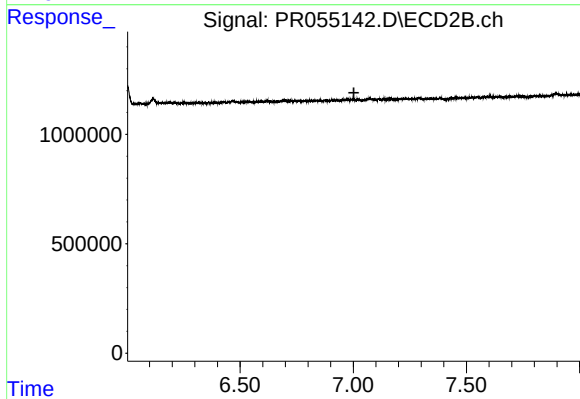
#40 AR-1262-5

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 929966
Conc: 13.47 ng/ml



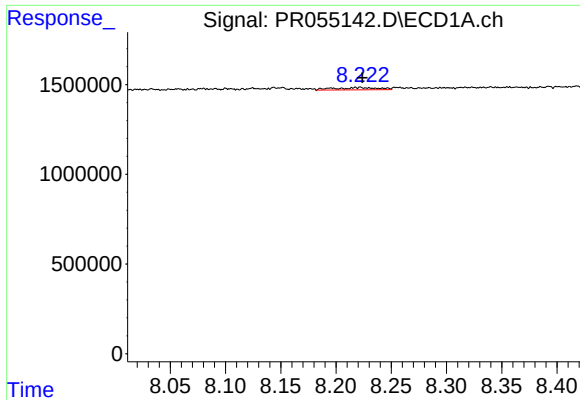
#41 AR-1268-1

R.T.: 8.148 min
Delta R.T.: 0.014 min
Response: 370325
Conc: 1.83 ng/ml



#41 AR-1268-1

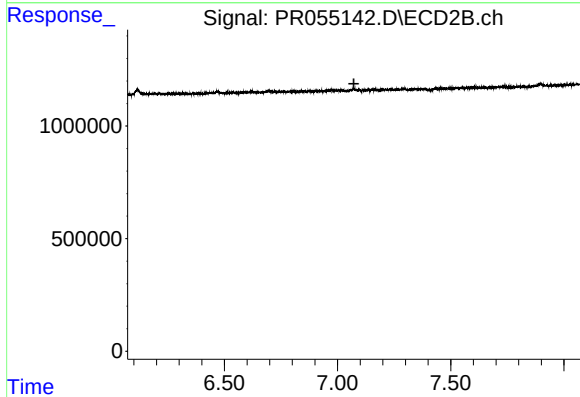
R.T.: 0.000 min
Exp R.T. : 7.003 min
Response: 0
Conc: N.D.



#42 AR-1268-2

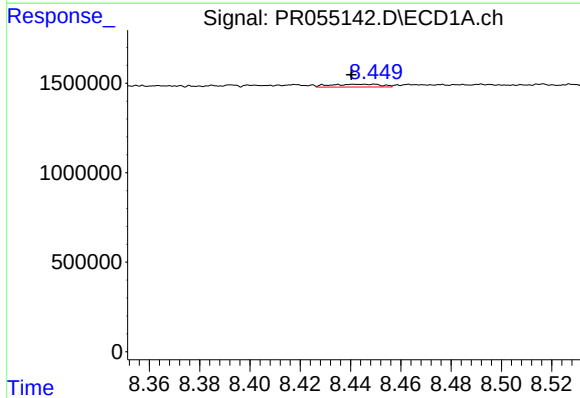
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 353009
Conc: 1.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



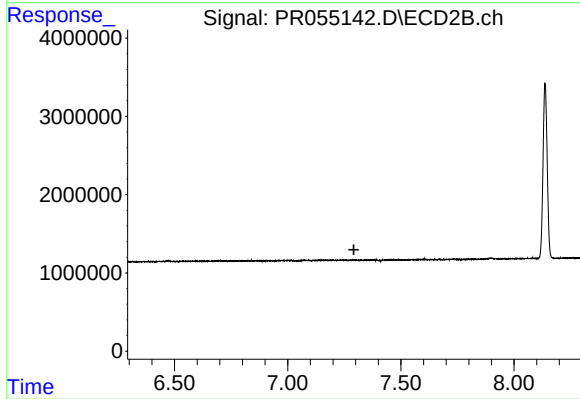
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.072 min
Response: 0
Conc: N.D.



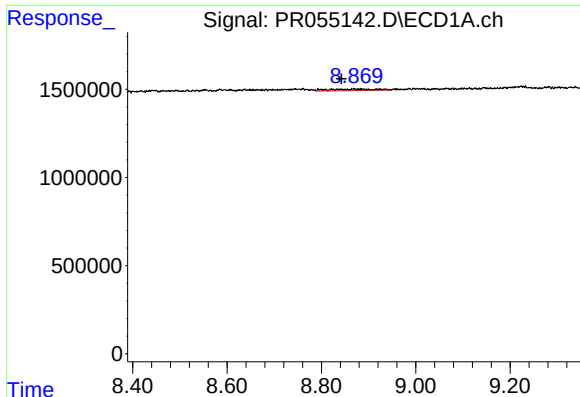
#43 AR-1268-3

R.T.: 8.445 min
Delta R.T.: 0.005 min
Response: 223919
Conc: 1.44 ng/ml



#43 AR-1268-3

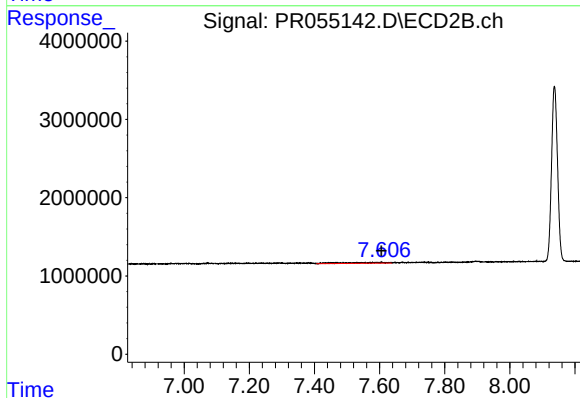
R.T.: 0.000 min
Exp R.T. : 7.292 min
Response: 0
Conc: N.D.



#44 AR-1268-4

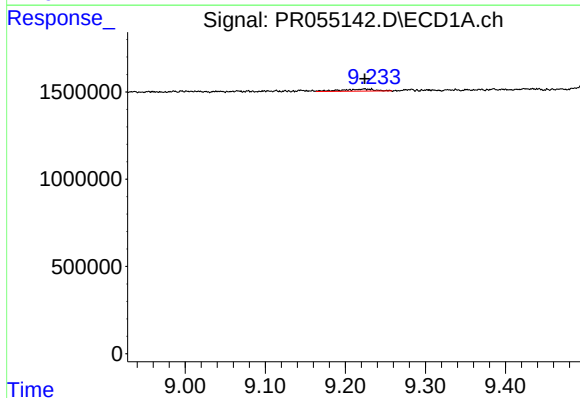
R.T.: 8.869 min
Delta R.T.: 0.026 min
Response: 641677
Conc: 8.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



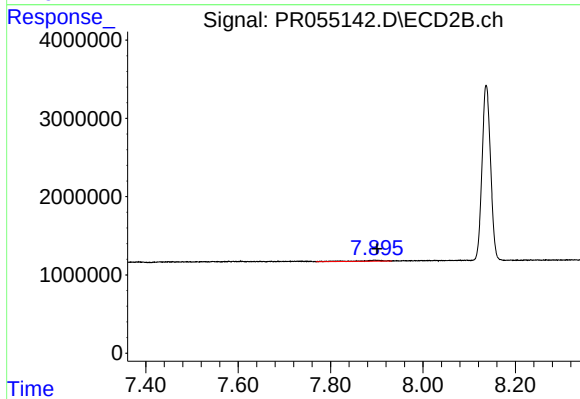
#44 AR-1268-4

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 929966
Conc: 12.48 ng/ml



#45 AR-1268-5

R.T.: 9.224 min
Delta R.T.: 0.000 min
Response: 323678
Conc: 0.65 ng/ml



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: -0.004 min
Response: 394085
Conc: 0.74 ng/ml