

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052720\
 Data File : PR045397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2020 16:29
 Operator : AJ\MA
 Sample : L2182-02
 Misc : AR1248 50PPB LOQ
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 06:50:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 04:32:40 2020
 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...	4.774	4.008	35899166	287.5E6	19.335	21.376
2) SA Decachlor...	10.796	9.153	36107101	288.0E6	18.027	20.850
Target Compounds						
3) L1 AR-1016-1	5.964	5.111	2217107	18344882	31.997	36.850
4) L1 AR-1016-2	5.988	5.131	2673078	18099905	27.584	26.355
5) L1 AR-1016-3	6.051	5.311	1563214	11542588	25.594	31.892
6) L1 AR-1016-4	6.152	5.350	1587621	22763162	33.437	82.432 #
7) L1 AR-1016-5	6.447	5.568	3304137	28218199	70.891	72.236
8) L2 AR-1221-1	4.930	4.179	190432	1822992	9.729	11.932
9) L2 AR-1221-2	5.089	4.315	667456	6921732	45.686	62.000 #
10) L2 AR-1221-3	5.157	4.388	359412	4832766	7.575	13.772 #
11) L3 AR-1232-1	5.157	4.388	359412	4832766	9.532	17.133 #
12) L3 AR-1232-2	5.694	5.131	1530673	18099905	77.731	61.181
13) L3 AR-1232-3	5.988	5.311	2673078	11542588	66.387	74.407
14) L3 AR-1232-4	6.152	5.393	1587621	22818085	80.884	174.817 #
15) L3 AR-1232-5	6.237	5.568	3072410	28218199	215.695	189.058
16) L4 AR-1242-1	5.964	5.111	2217107	18344882	42.342	45.848
17) L4 AR-1242-2	5.988	5.131	2673078	18099905	35.642	32.961
18) L4 AR-1242-3	6.051	5.311	1563214	11542588	34.179	39.675
19) L4 AR-1242-4	6.152	5.393	1587621	22818085	42.798	83.771 #
20) L4 AR-1242-5	6.895	5.922	3482044	41901348	84.193	112.716 #
21) L5 AR-1248-1	5.964	5.111	2217107	18344882	50.895	55.559
22) L5 AR-1248-2	6.237	5.350	3072410	22763162	53.671	55.389
23) L5 AR-1248-3	6.447	5.393	3304137	22818085	50.634	54.181
24) L5 AR-1248-4	6.855	5.568	3652371	28218199	48.903	53.398
25) L5 AR-1248-5	6.895	5.965	3482044	29474772	49.083	56.131
26) L6 AR-1254-1	6.827	5.922	3031115	41901348	44.141	55.732 #
27) L6 AR-1254-2	7.055	6.071	3554702	11898767	33.011	18.418 #
28) L6 AR-1254-3	7.419	6.479	1855970	16341298	15.656	14.977
29) L6 AR-1254-4	7.706	6.708	1357297	13112522	15.065	18.449
30) L6 AR-1254-5	8.131	7.130	412535	2555353	4.197	2.736 #
31) L7 AR-1260-1	7.548	6.628	717614	6700881	8.495	9.947
32) L7 AR-1260-2	7.834	6.799	368566	1318201	3.522	1.631 #
33) L7 AR-1260-3	0.000	6.954	0	2650566	N.D.	3.465 #
34) L7 AR-1260-4	8.445	0.000	554601	0	5.740	N.D. #
35) L7 AR-1260-5	8.795	7.672	535323	4217011	2.688	2.611
36) L8 AR-1262-1	0.000	7.130	0	2555353	N.D.	5.178 #
37) L8 AR-1262-2	8.795	7.672	535323	4217011	2.439	2.335
38) L8 AR-1262-3	9.140	0.000	1067664	0	11.165	N.D. #
39) L8 AR-1262-4	9.237	0.000	398194	0	3.621	N.D. #
41) L9 AR-1268-1	9.140	0.000	1067664	0	4.090	N.D. #
42) L9 AR-1268-2	9.237	0.000	398194	0	1.651	N.D. #

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 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
43) L9	AR-1268-3	9.494	0.000	725740	0	3.629	N.D. #
45) L9	AR-1268-5	10.422	8.866	1521275	2208069	2.174	0.438 #

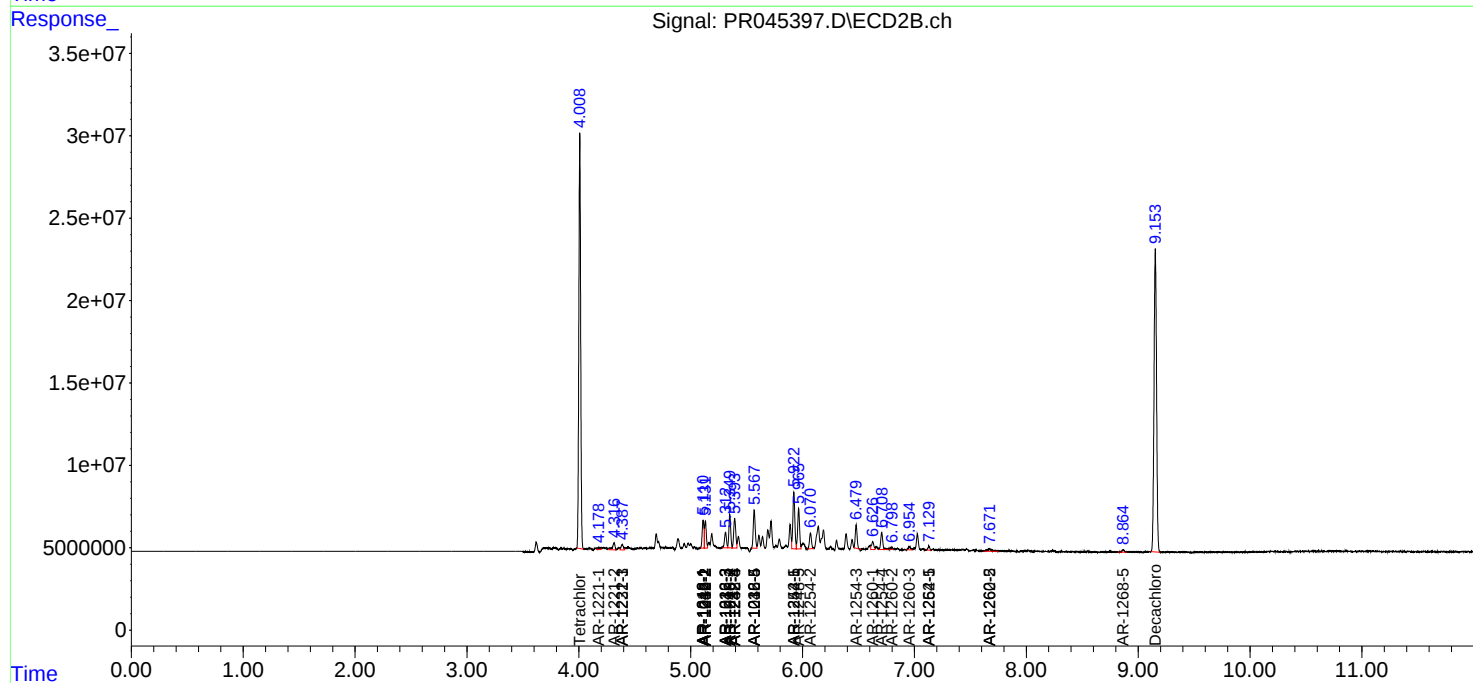
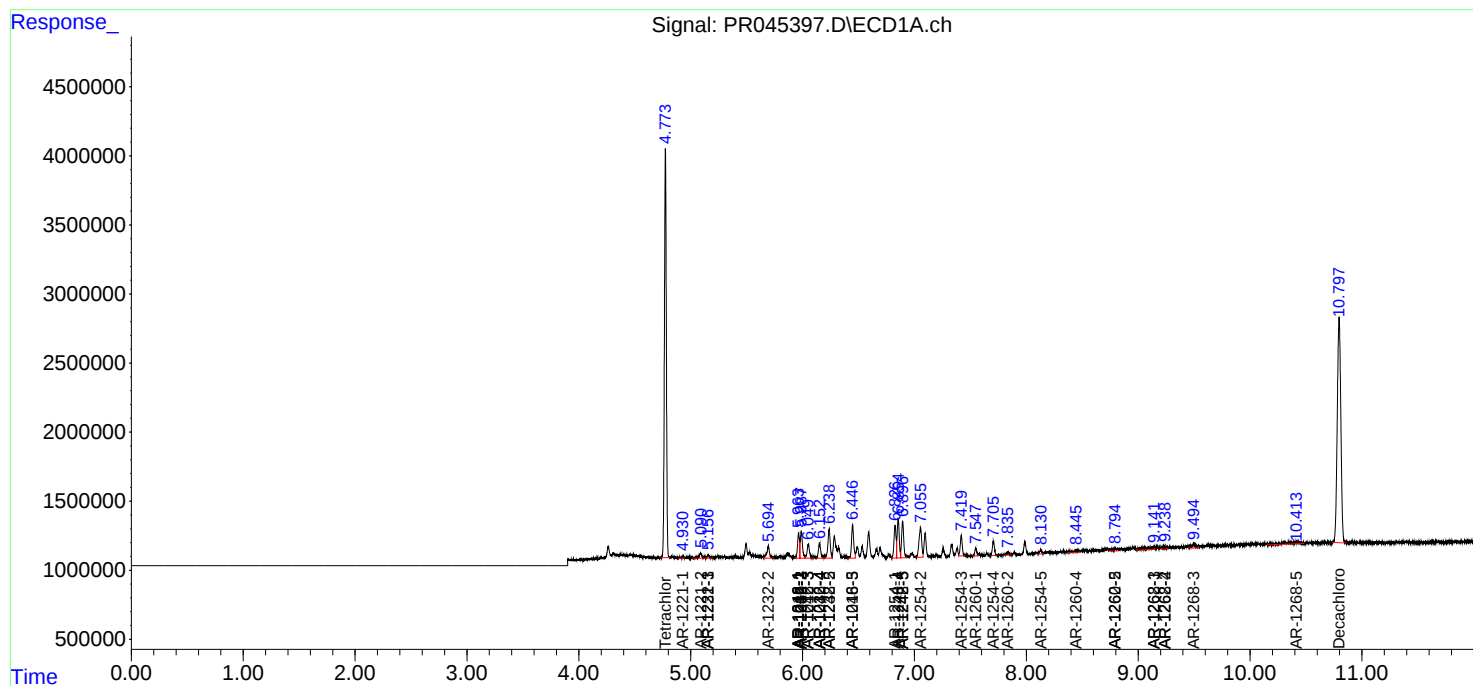
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

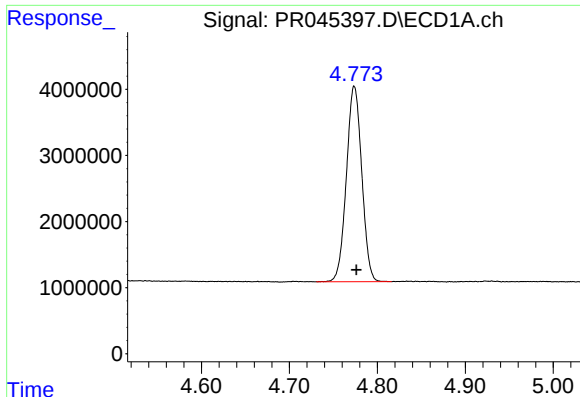
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

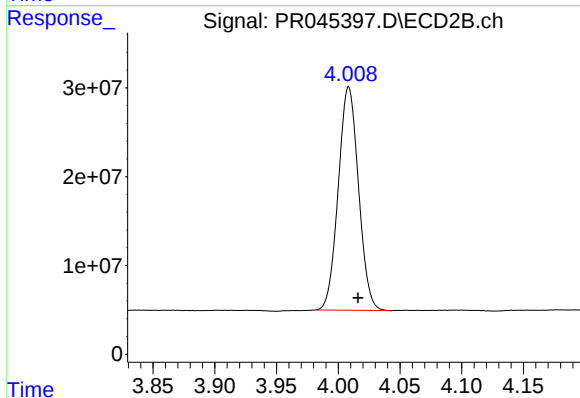




#1 Tetrachloro-m-xylene

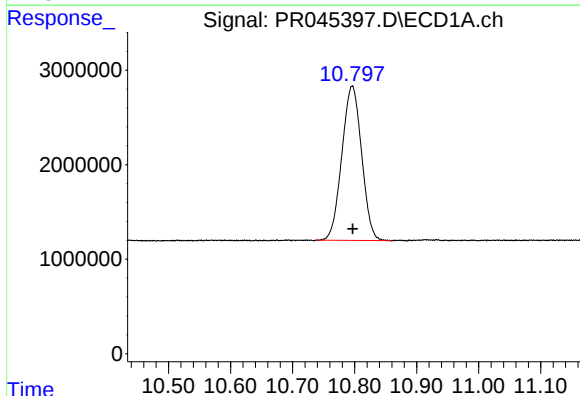
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 35899166
Conc: 19.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



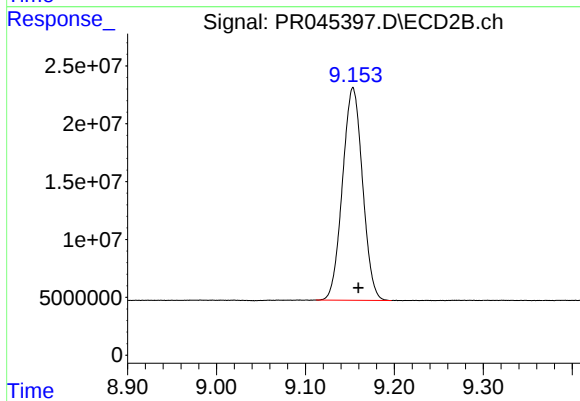
#1 Tetrachloro-m-xylene

R.T.: 4.008 min
Delta R.T.: -0.008 min
Response: 287469615
Conc: 21.38 ng/ml



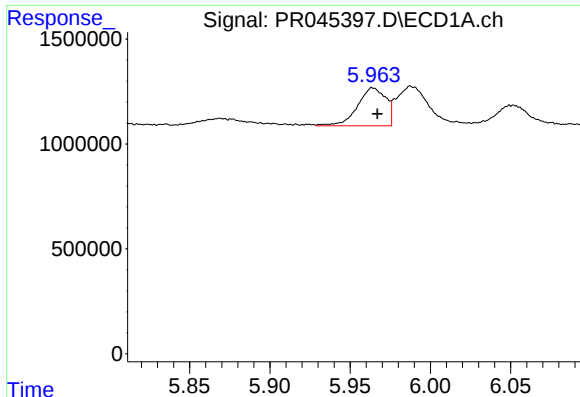
#2 Decachlorobiphenyl

R.T.: 10.796 min
Delta R.T.: -0.001 min
Response: 36107101
Conc: 18.03 ng/ml



#2 Decachlorobiphenyl

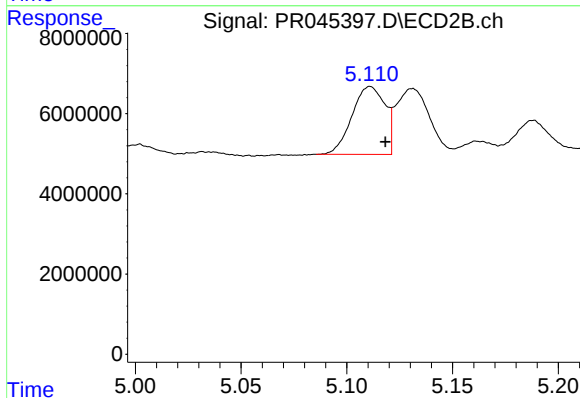
R.T.: 9.153 min
Delta R.T.: -0.006 min
Response: 288021192
Conc: 20.85 ng/ml



#3 AR-1016-1

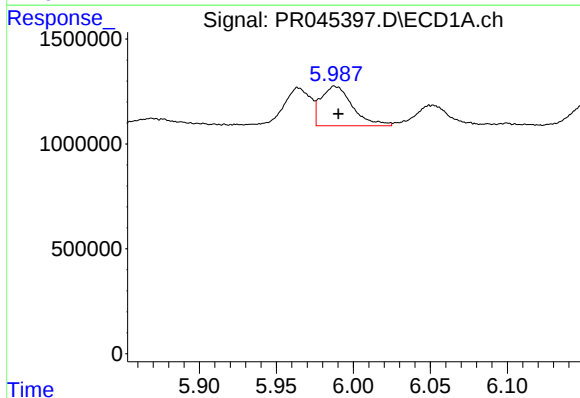
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 2217107
Conc: 32.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



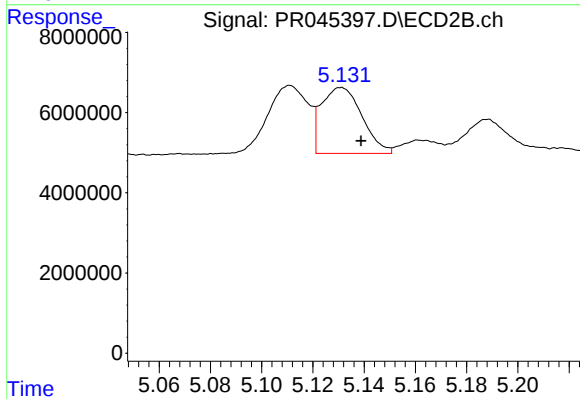
#3 AR-1016-1

R.T.: 5.111 min
Delta R.T.: -0.007 min
Response: 18344882
Conc: 36.85 ng/ml



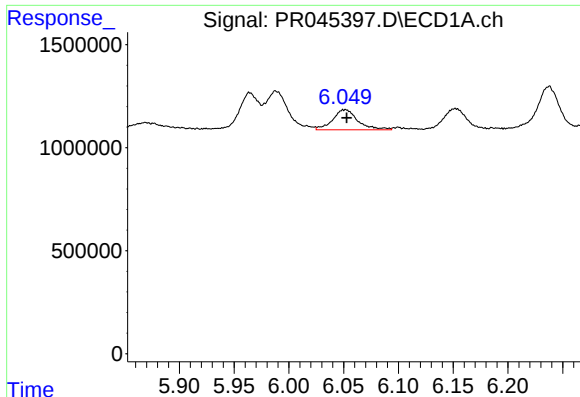
#4 AR-1016-2

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 2673078
Conc: 27.58 ng/ml



#4 AR-1016-2

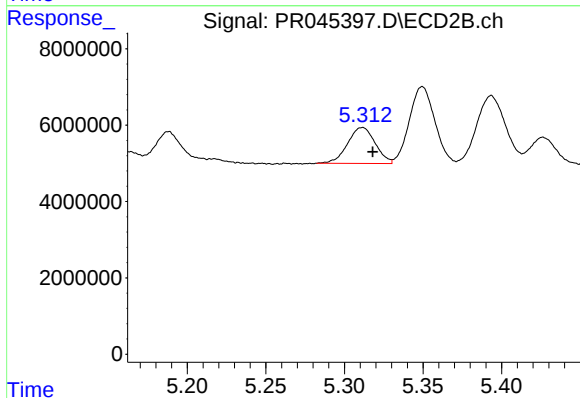
R.T.: 5.131 min
Delta R.T.: -0.008 min
Response: 18099905
Conc: 26.36 ng/ml



#5 AR-1016-3

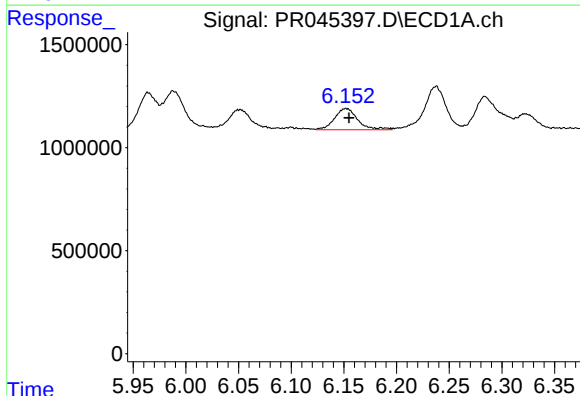
R.T.: 6.051 min
Delta R.T.: -0.001 min
Response: 1563214
Conc: 25.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



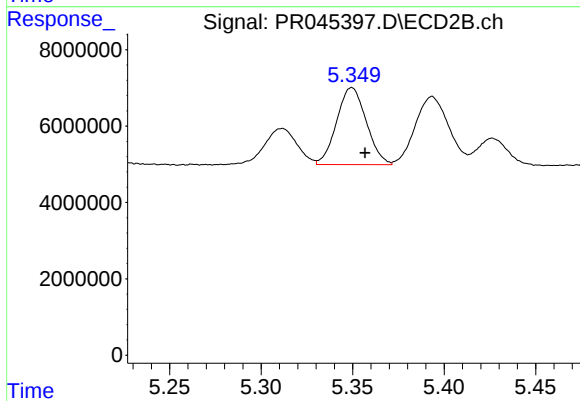
#5 AR-1016-3

R.T.: 5.311 min
Delta R.T.: -0.006 min
Response: 11542588
Conc: 31.89 ng/ml



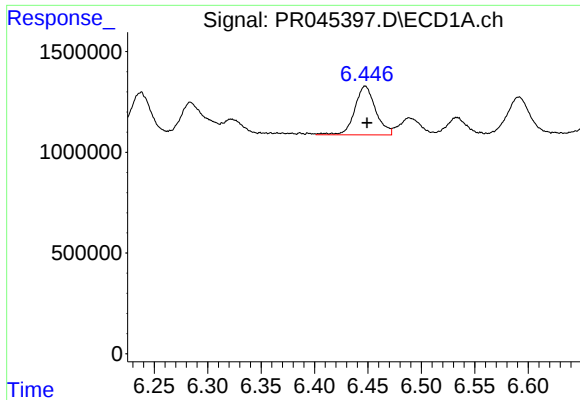
#6 AR-1016-4

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 1587621
Conc: 33.44 ng/ml



#6 AR-1016-4

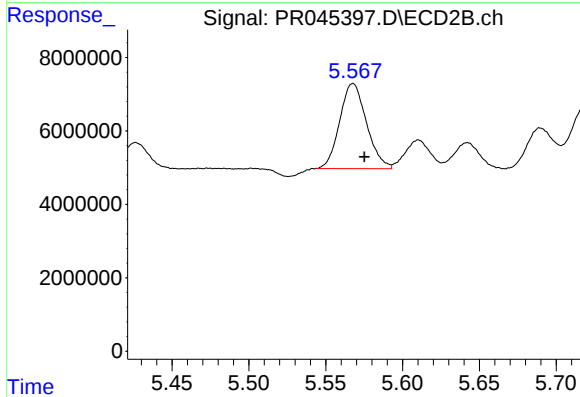
R.T.: 5.350 min
Delta R.T.: -0.007 min
Response: 22763162
Conc: 82.43 ng/ml



#7 AR-1016-5

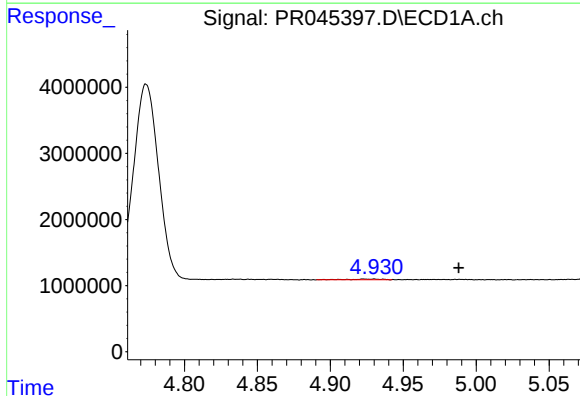
R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 3304137
Conc: 70.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



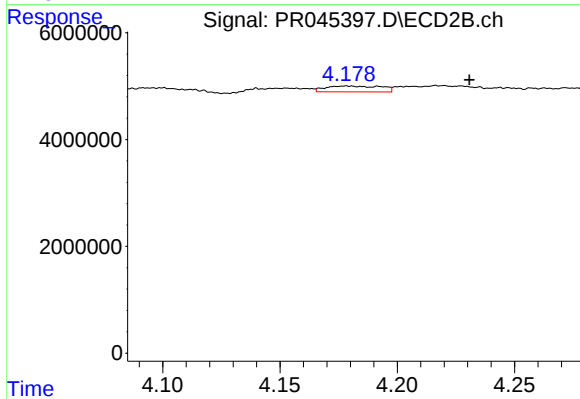
#7 AR-1016-5

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 28218199
Conc: 72.24 ng/ml



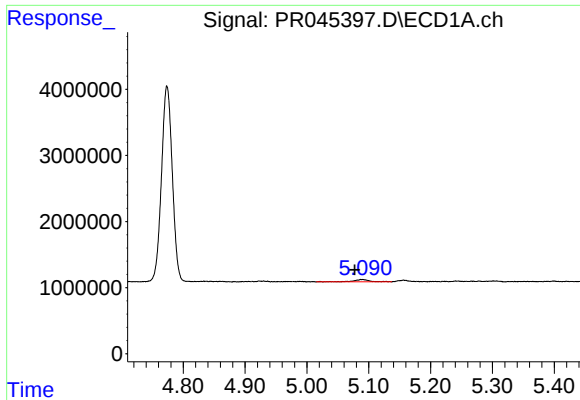
#8 AR-1221-1

R.T.: 4.930 min
Delta R.T.: -0.058 min
Response: 190432
Conc: 9.73 ng/ml



#8 AR-1221-1

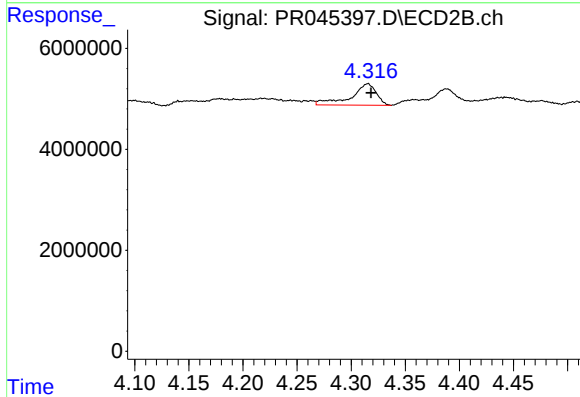
R.T.: 4.179 min
Delta R.T.: -0.052 min
Response: 1822992
Conc: 11.93 ng/ml



#9 AR-1221-2

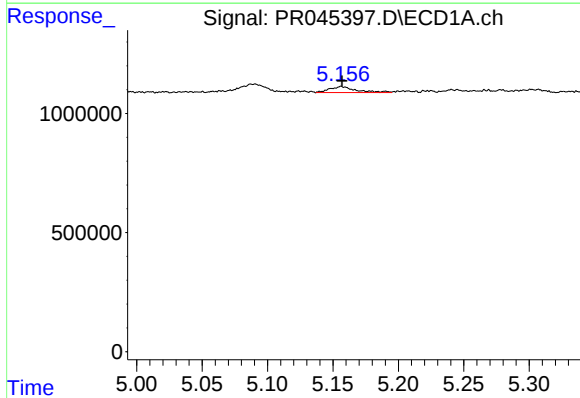
R.T.: 5.089 min
Delta R.T.: 0.012 min
Response: 667456
Conc: 45.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



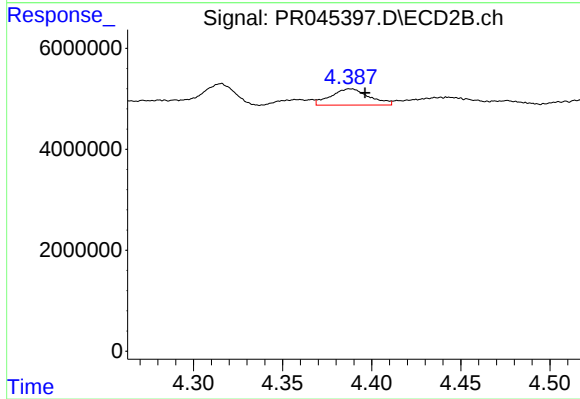
#9 AR-1221-2

R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 6921732
Conc: 62.00 ng/ml



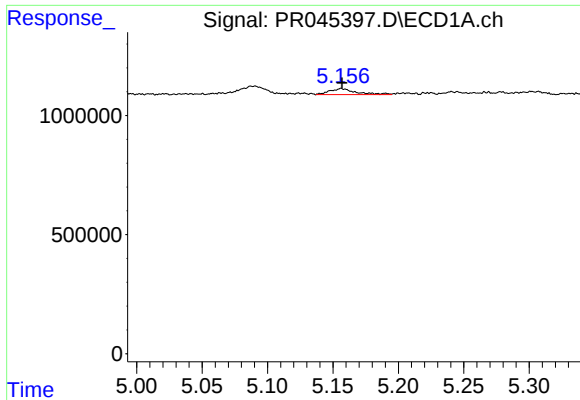
#10 AR-1221-3

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 359412
Conc: 7.58 ng/ml



#10 AR-1221-3

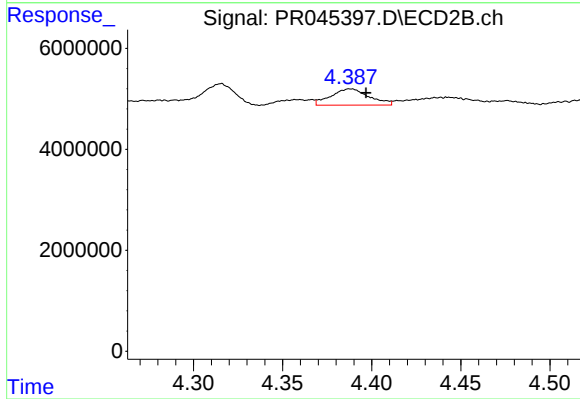
R.T.: 4.388 min
Delta R.T.: -0.008 min
Response: 4832766
Conc: 13.77 ng/ml



#11 AR-1232-1

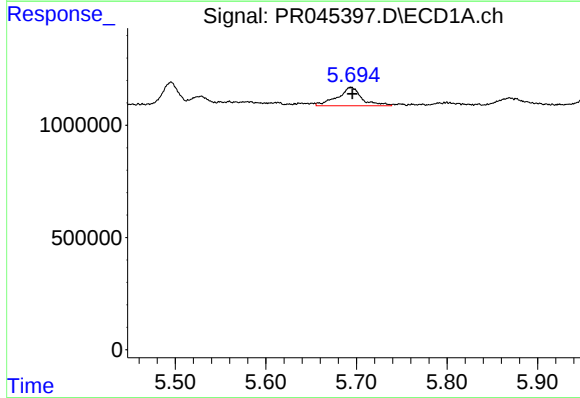
R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 359412
Conc: 9.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



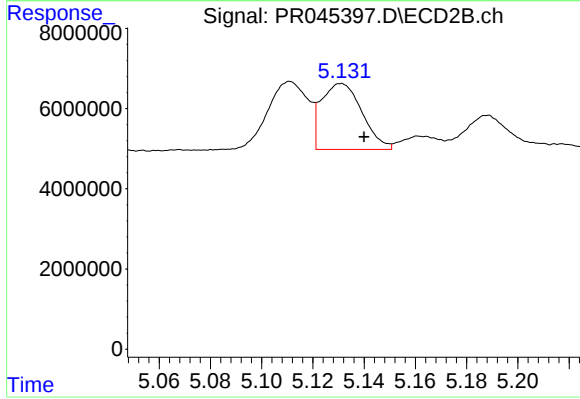
#11 AR-1232-1

R.T.: 4.388 min
Delta R.T.: -0.009 min
Response: 4832766
Conc: 17.13 ng/ml



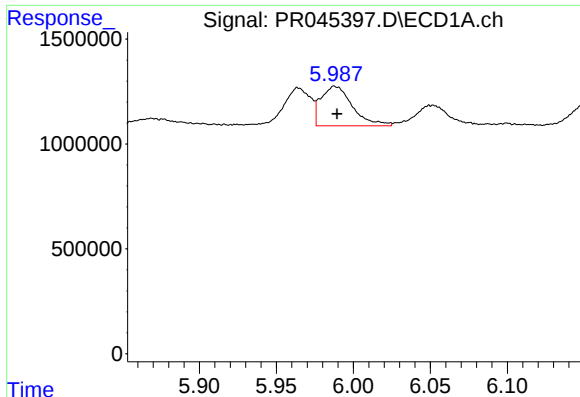
#12 AR-1232-2

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 1530673
Conc: 77.73 ng/ml



#12 AR-1232-2

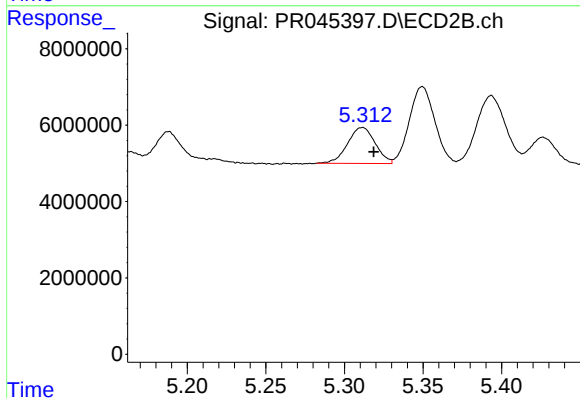
R.T.: 5.131 min
Delta R.T.: -0.009 min
Response: 18099905
Conc: 61.18 ng/ml



#13 AR-1232-3

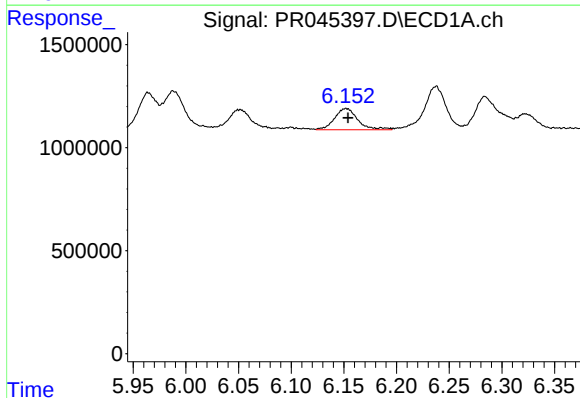
R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 2673078
Conc: 66.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



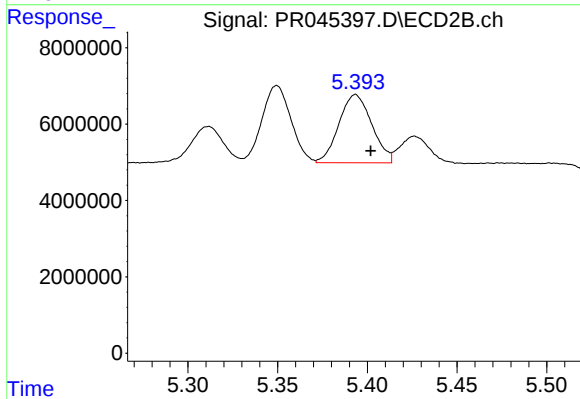
#13 AR-1232-3

R.T.: 5.311 min
Delta R.T.: -0.007 min
Response: 11542588
Conc: 74.41 ng/ml



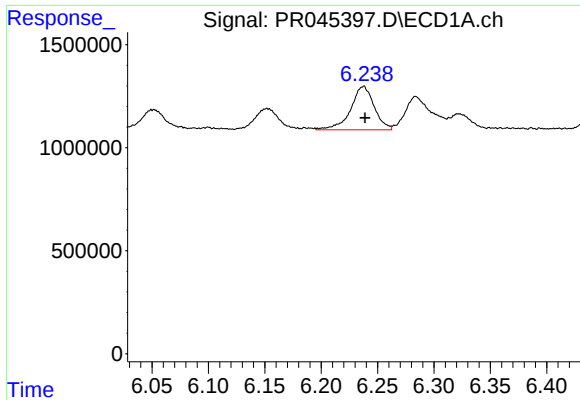
#14 AR-1232-4

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 1587621
Conc: 80.88 ng/ml



#14 AR-1232-4

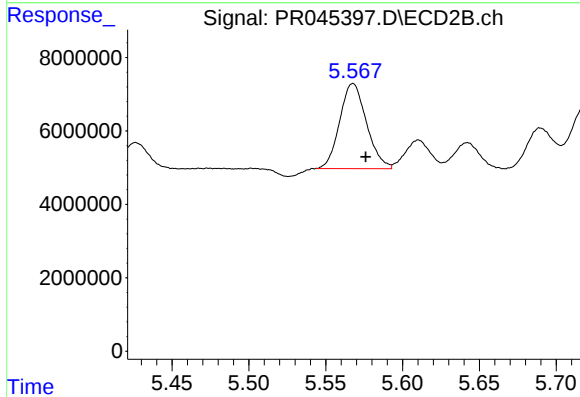
R.T.: 5.393 min
Delta R.T.: -0.009 min
Response: 22818085
Conc: 174.82 ng/ml



#15 AR-1232-5

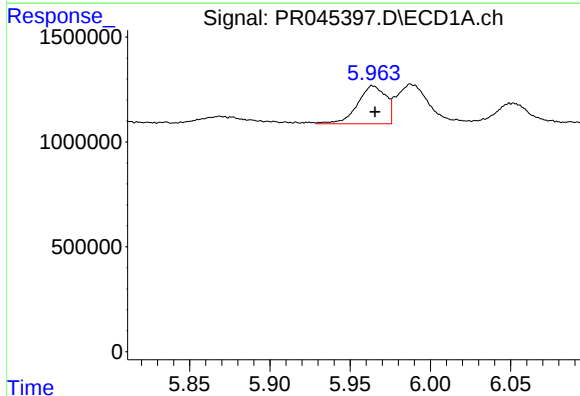
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 3072410
Conc: 215.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



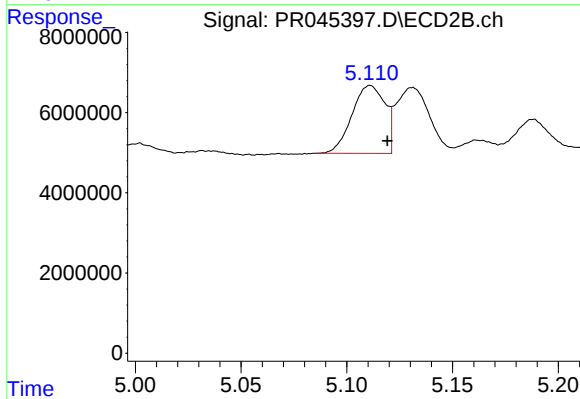
#15 AR-1232-5

R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 28218199
Conc: 189.06 ng/ml



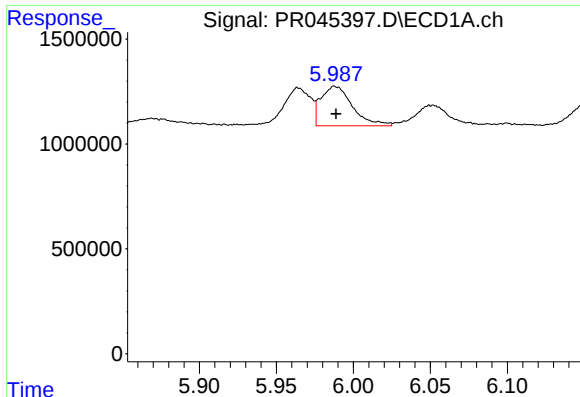
#16 AR-1242-1

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 2217107
Conc: 42.34 ng/ml



#16 AR-1242-1

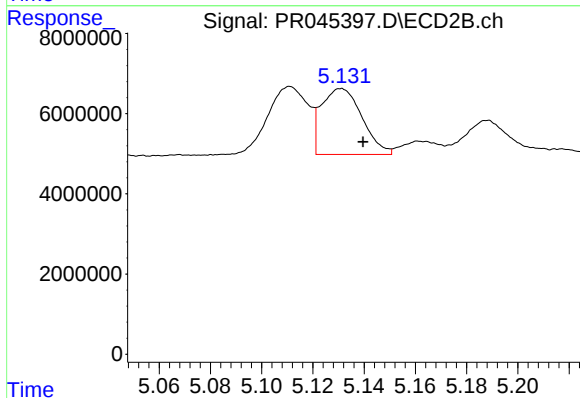
R.T.: 5.111 min
Delta R.T.: -0.008 min
Response: 18344882
Conc: 45.85 ng/ml



#17 AR-1242-2

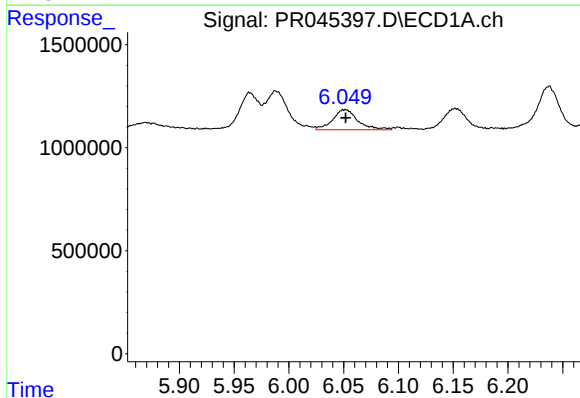
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 2673078
Conc: 35.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



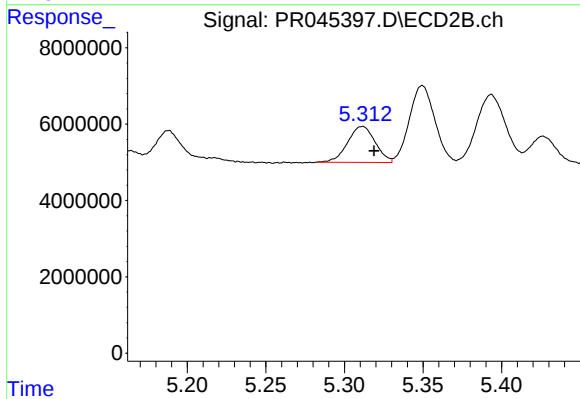
#17 AR-1242-2

R.T.: 5.131 min
Delta R.T.: -0.009 min
Response: 18099905
Conc: 32.96 ng/ml



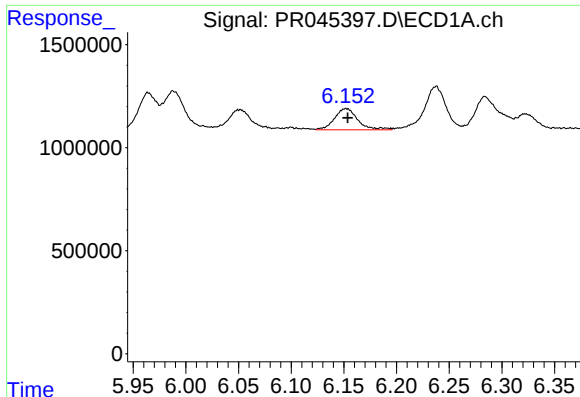
#18 AR-1242-3

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 1563214
Conc: 34.18 ng/ml



#18 AR-1242-3

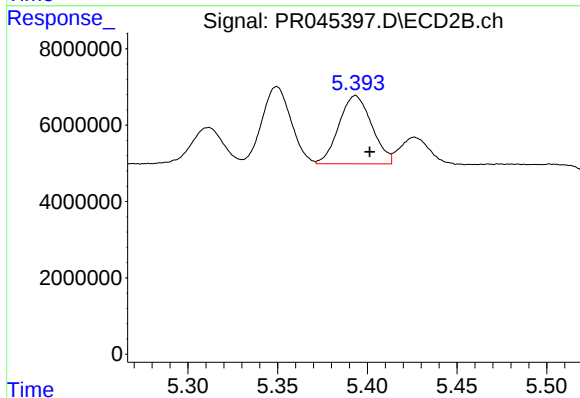
R.T.: 5.311 min
Delta R.T.: -0.007 min
Response: 11542588
Conc: 39.67 ng/ml



#19 AR-1242-4

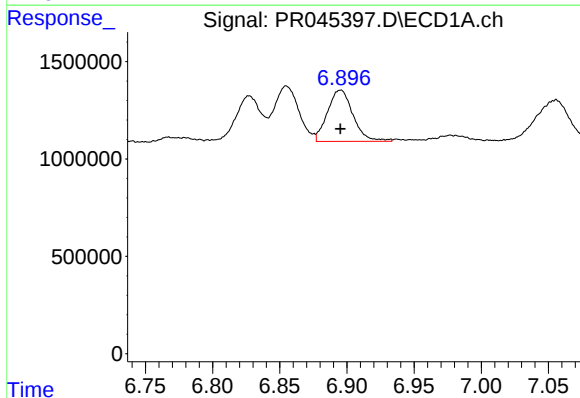
R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 1587621
Conc: 42.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



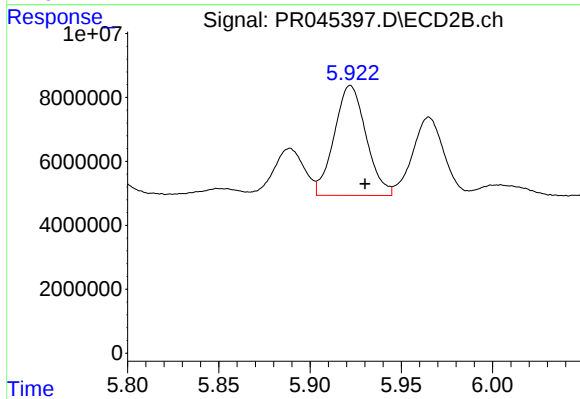
#19 AR-1242-4

R.T.: 5.393 min
Delta R.T.: -0.008 min
Response: 22818085
Conc: 83.77 ng/ml



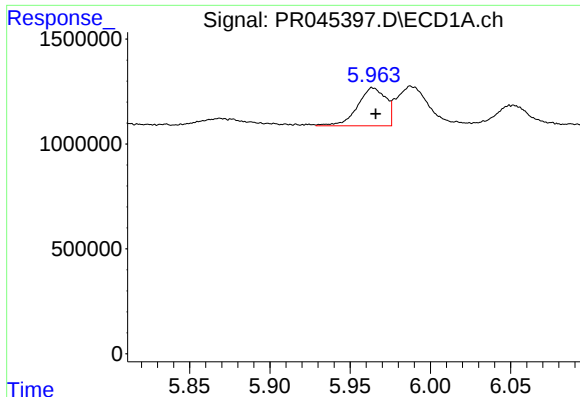
#20 AR-1242-5

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 3482044
Conc: 84.19 ng/ml



#20 AR-1242-5

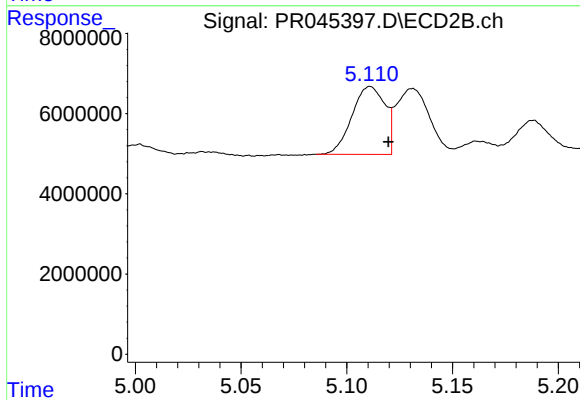
R.T.: 5.922 min
Delta R.T.: -0.008 min
Response: 41901348
Conc: 112.72 ng/ml



#21 AR-1248-1

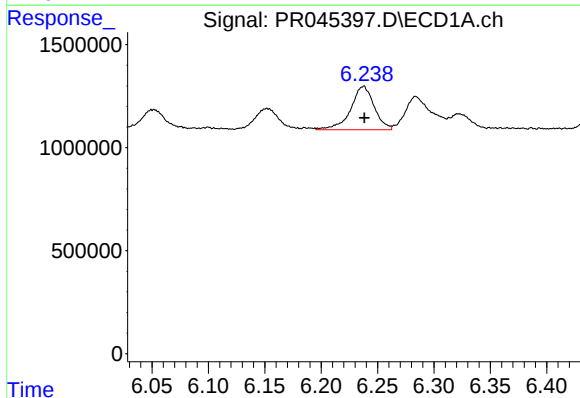
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 2217107
Conc: 50.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



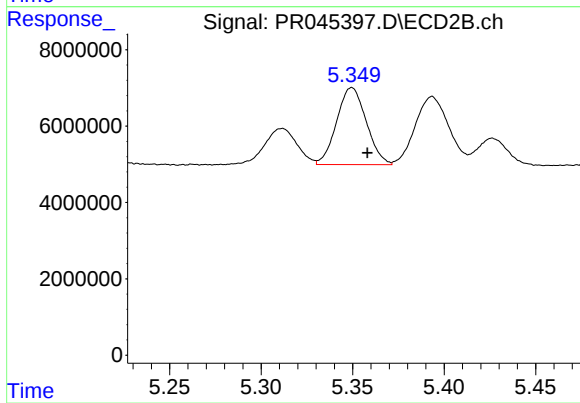
#21 AR-1248-1

R.T.: 5.111 min
Delta R.T.: -0.009 min
Response: 18344882
Conc: 55.56 ng/ml



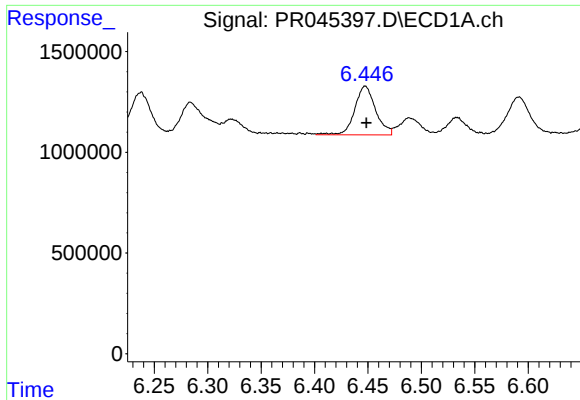
#22 AR-1248-2

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 3072410
Conc: 53.67 ng/ml



#22 AR-1248-2

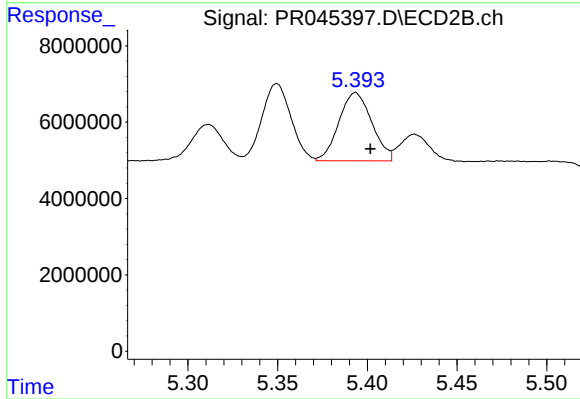
R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 22763162
Conc: 55.39 ng/ml



#23 AR-1248-3

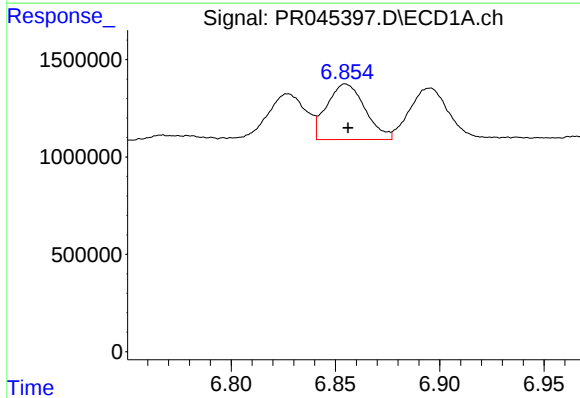
R.T.: 6.447 min
Delta R.T.: -0.001 min
Response: 3304137
Conc: 50.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



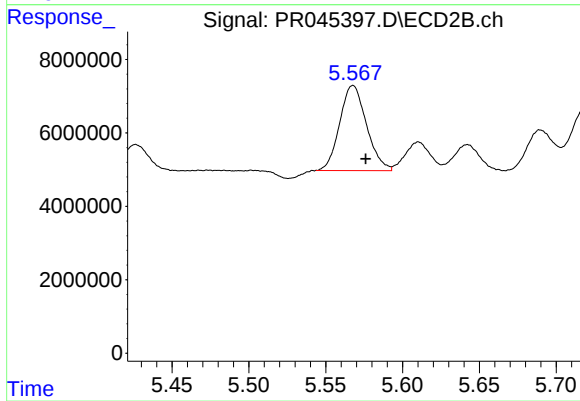
#23 AR-1248-3

R.T.: 5.393 min
Delta R.T.: -0.008 min
Response: 22818085
Conc: 54.18 ng/ml



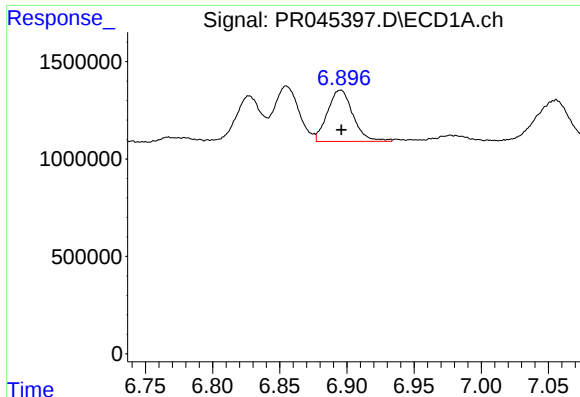
#24 AR-1248-4

R.T.: 6.855 min
Delta R.T.: -0.001 min
Response: 3652371
Conc: 48.90 ng/ml



#24 AR-1248-4

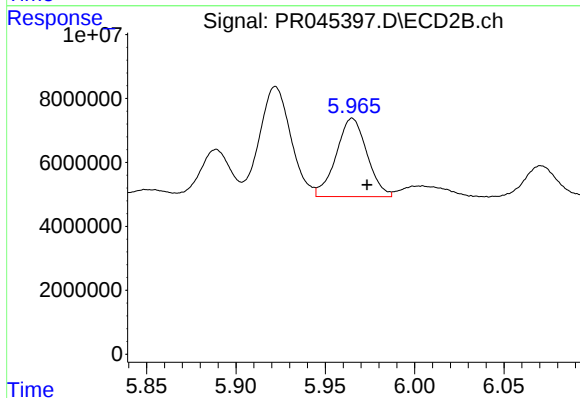
R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 28218199
Conc: 53.40 ng/ml



#25 AR-1248-5

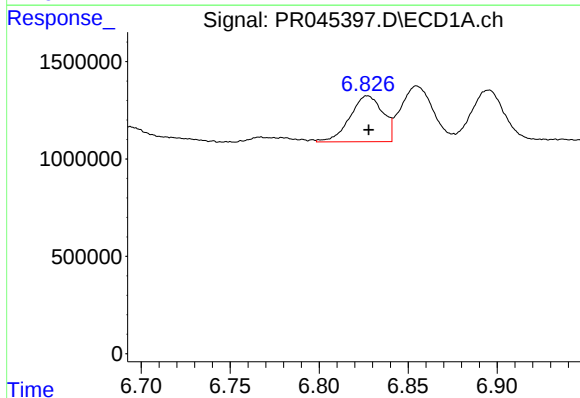
R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 3482044
Conc: 49.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



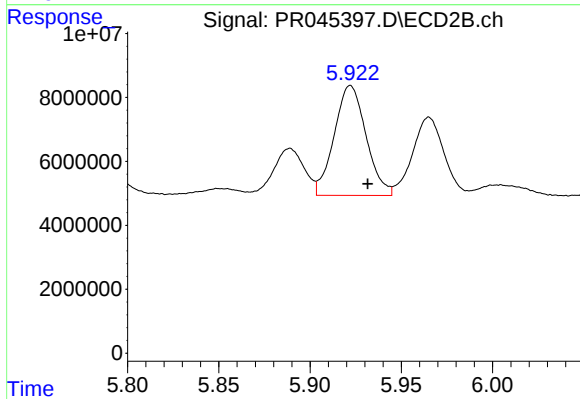
#25 AR-1248-5

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 29474772
Conc: 56.13 ng/ml



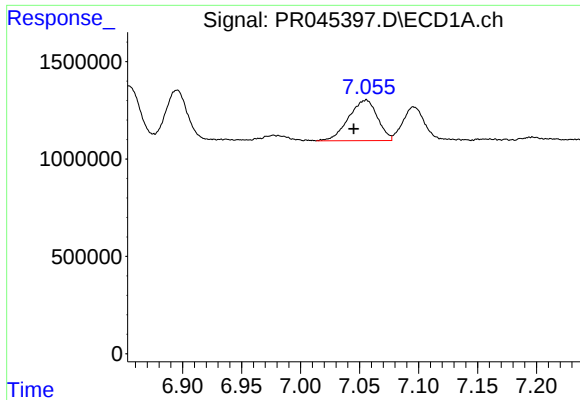
#26 AR-1254-1

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 3031115
Conc: 44.14 ng/ml



#26 AR-1254-1

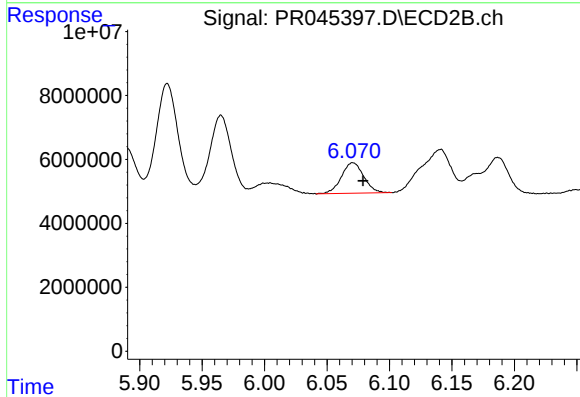
R.T.: 5.922 min
Delta R.T.: -0.009 min
Response: 41901348
Conc: 55.73 ng/ml



#27 AR-1254-2

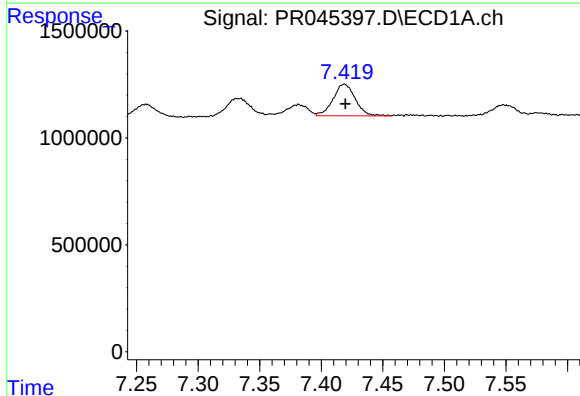
R.T.: 7.055 min
Delta R.T.: 0.010 min
Response: 3554702
Conc: 33.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



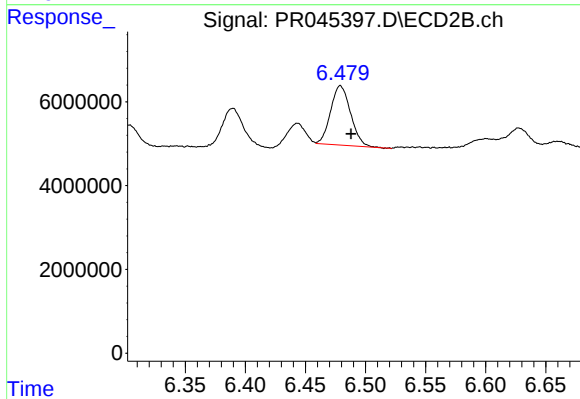
#27 AR-1254-2

R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 11898767
Conc: 18.42 ng/ml



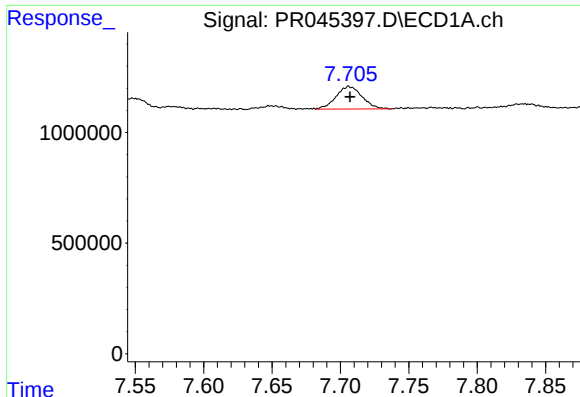
#28 AR-1254-3

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 1855970
Conc: 15.66 ng/ml



#28 AR-1254-3

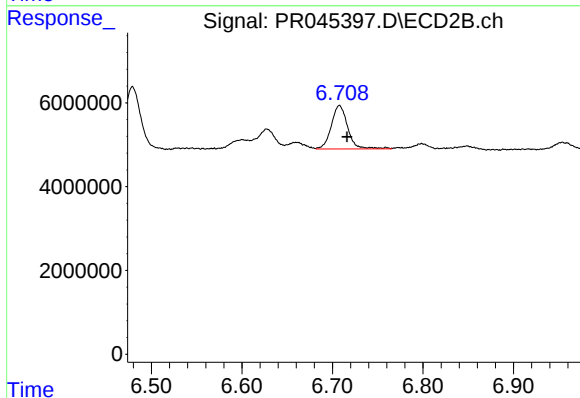
R.T.: 6.479 min
Delta R.T.: -0.009 min
Response: 16341298
Conc: 14.98 ng/ml



#29 AR-1254-4

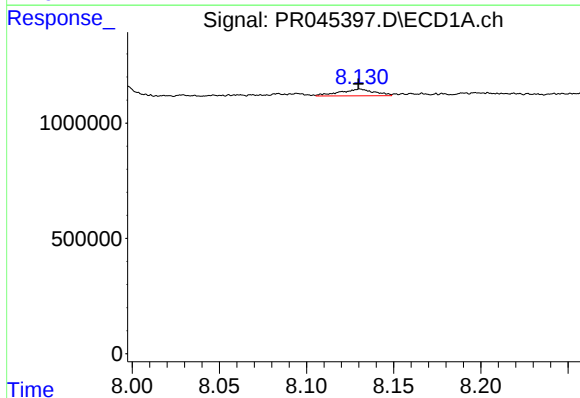
R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 1357297
Conc: 15.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



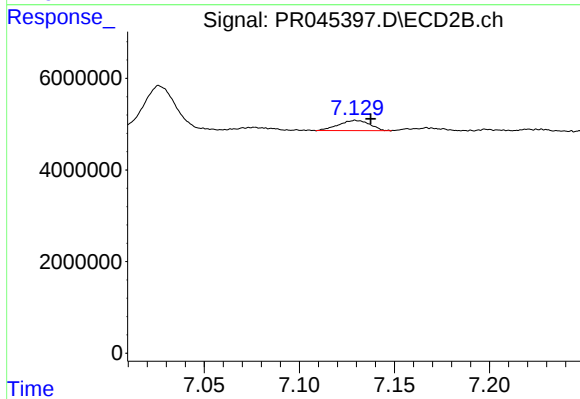
#29 AR-1254-4

R.T.: 6.708 min
Delta R.T.: -0.009 min
Response: 13112522
Conc: 18.45 ng/ml



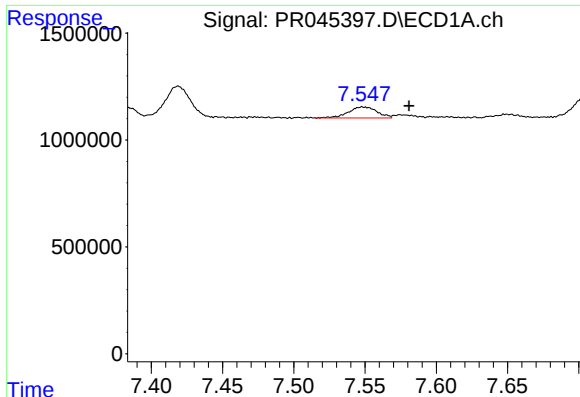
#30 AR-1254-5

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 412535
Conc: 4.20 ng/ml



#30 AR-1254-5

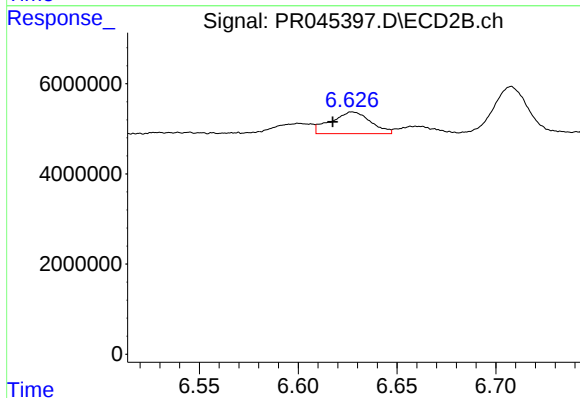
R.T.: 7.130 min
Delta R.T.: -0.008 min
Response: 2555353
Conc: 2.74 ng/ml



#31 AR-1260-1

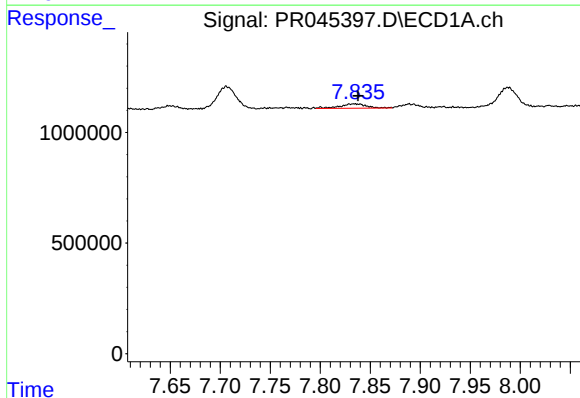
R.T.: 7.548 min
Delta R.T.: -0.033 min
Response: 717614
Conc: 8.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



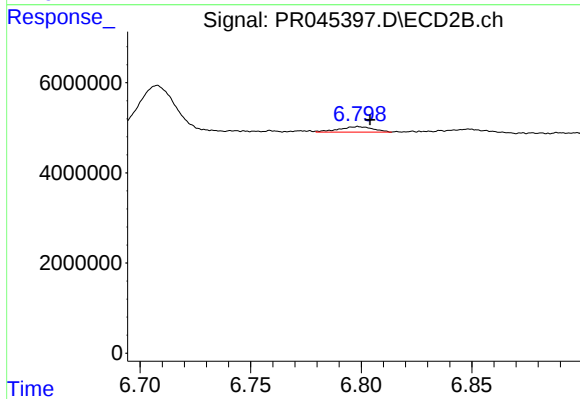
#31 AR-1260-1

R.T.: 6.628 min
Delta R.T.: 0.010 min
Response: 6700881
Conc: 9.95 ng/ml



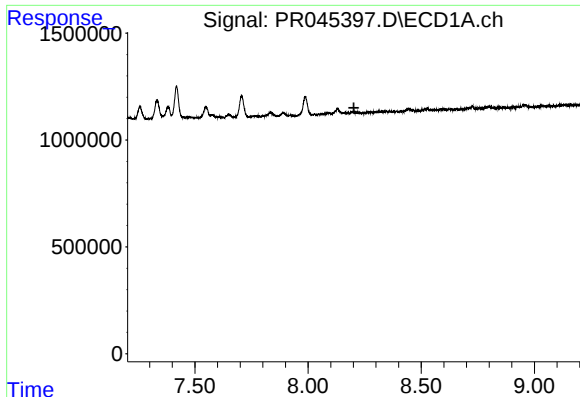
#32 AR-1260-2

R.T.: 7.834 min
Delta R.T.: -0.004 min
Response: 368566
Conc: 3.52 ng/ml



#32 AR-1260-2

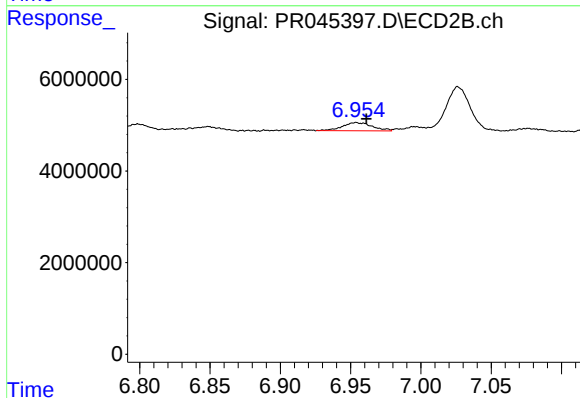
R.T.: 6.799 min
Delta R.T.: -0.005 min
Response: 1318201
Conc: 1.63 ng/ml



#33 AR-1260-3

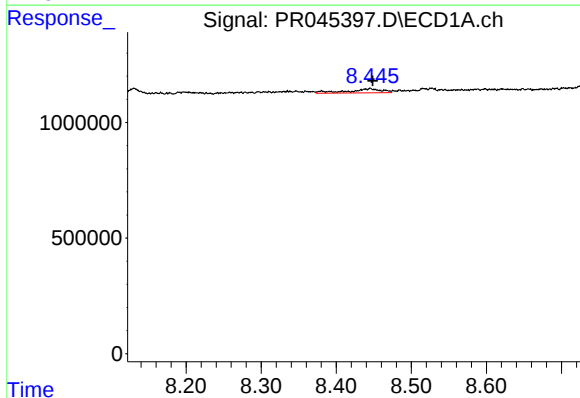
R.T.: 0.000 min
Exp R.T.: 8.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



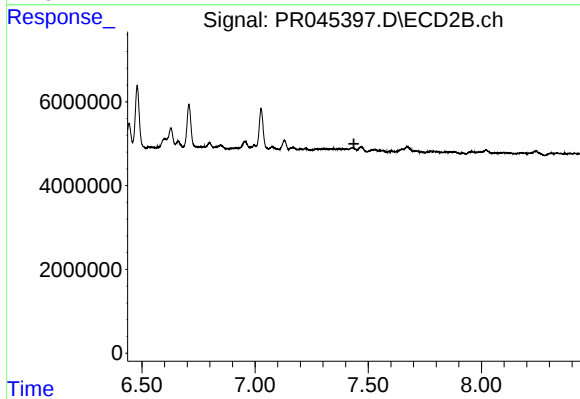
#33 AR-1260-3

R.T.: 6.954 min
Delta R.T.: -0.007 min
Response: 2650566
Conc: 3.46 ng/ml



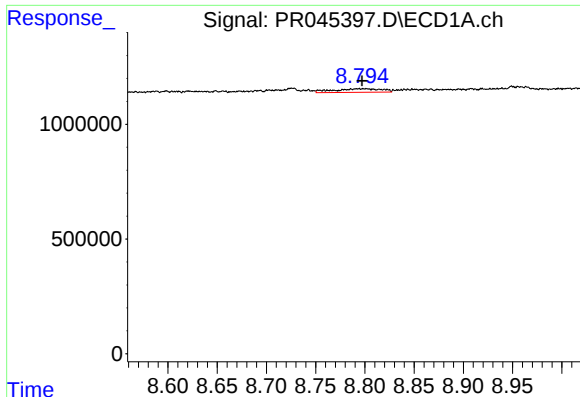
#34 AR-1260-4

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 554601
Conc: 5.74 ng/ml



#34 AR-1260-4

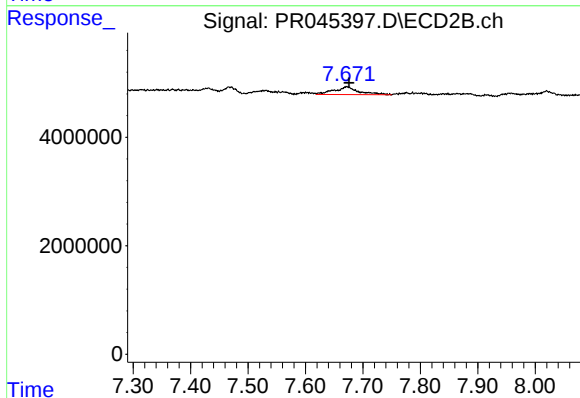
R.T.: 0.000 min
Exp R.T.: 7.437 min
Response: 0
Conc: N.D.



#35 AR-1260-5

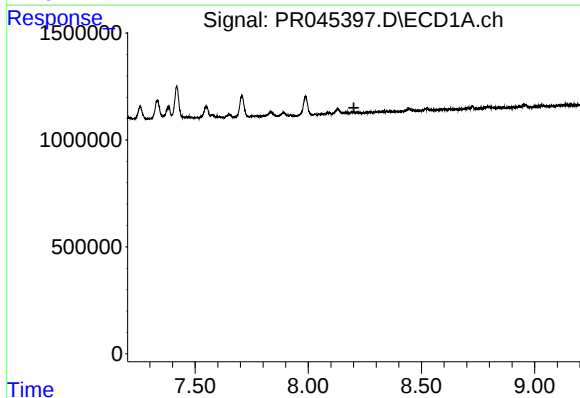
R.T.: 8.795 min
Delta R.T.: -0.002 min
Response: 535323
Conc: 2.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



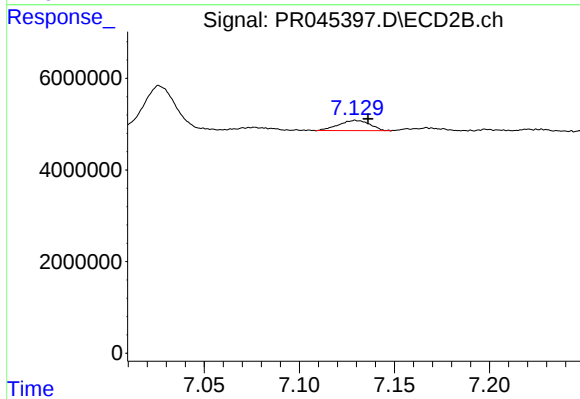
#35 AR-1260-5

R.T.: 7.672 min
Delta R.T.: -0.004 min
Response: 4217011
Conc: 2.61 ng/ml



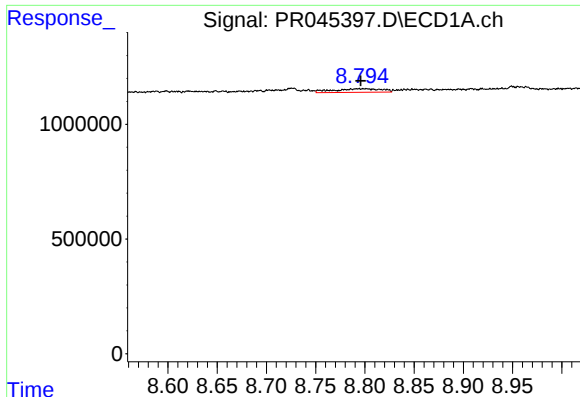
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.201 min
Response: 0
Conc: N.D.



#36 AR-1262-1

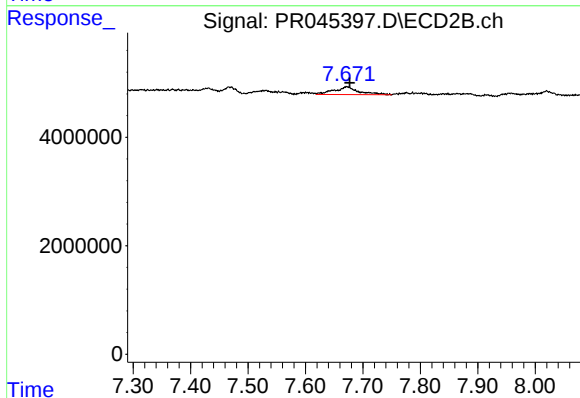
R.T.: 7.130 min
Delta R.T.: -0.006 min
Response: 2555353
Conc: 5.18 ng/ml



#37 AR-1262-2

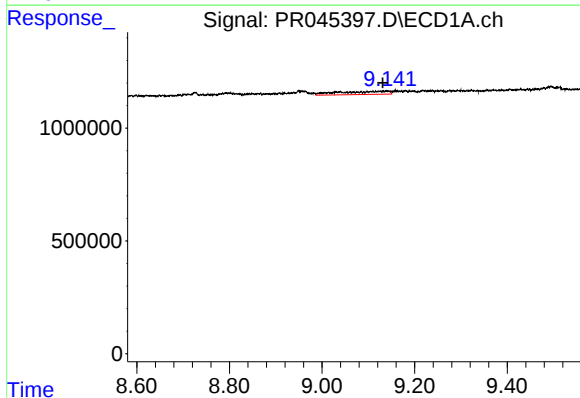
R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 535323
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



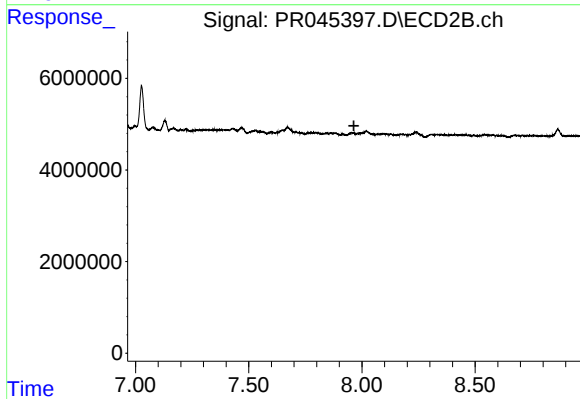
#37 AR-1262-2

R.T.: 7.672 min
Delta R.T.: -0.005 min
Response: 4217011
Conc: 2.34 ng/ml



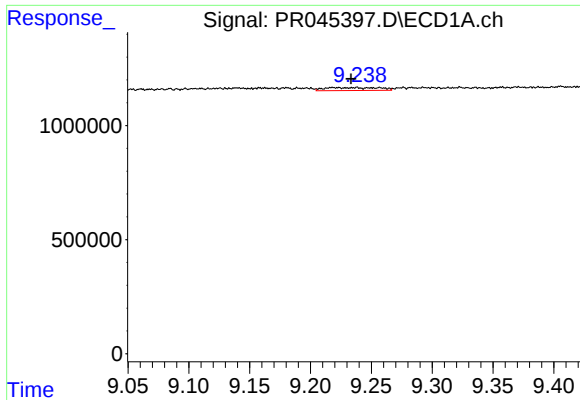
#38 AR-1262-3

R.T.: 9.140 min
Delta R.T.: 0.009 min
Response: 1067664
Conc: 11.16 ng/ml



#38 AR-1262-3

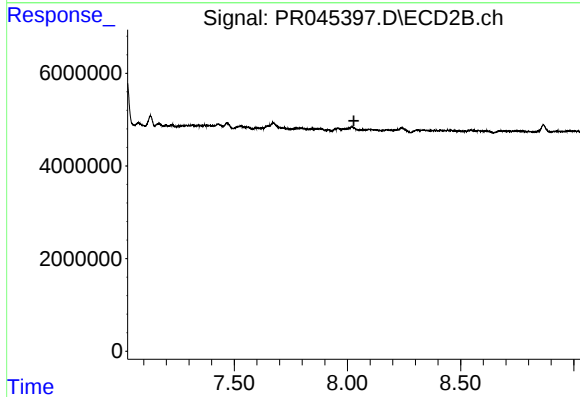
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.



#39 AR-1262-4

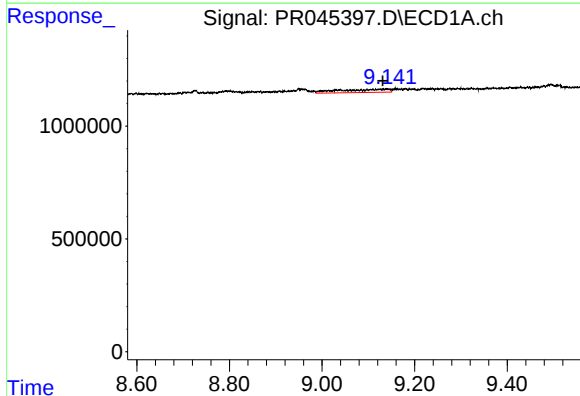
R.T.: 9.237 min
Delta R.T.: 0.003 min
Response: 398194
Conc: 3.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



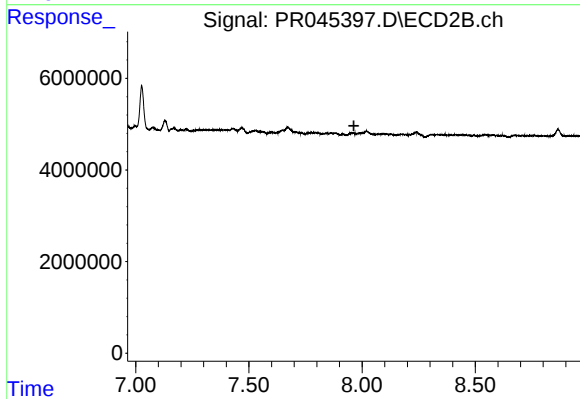
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.029 min
Response: 0
Conc: N.D.



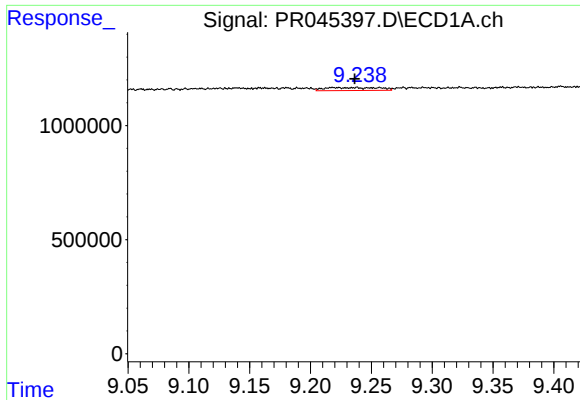
#41 AR-1268-1

R.T.: 9.140 min
Delta R.T.: 0.009 min
Response: 1067664
Conc: 4.09 ng/ml



#41 AR-1268-1

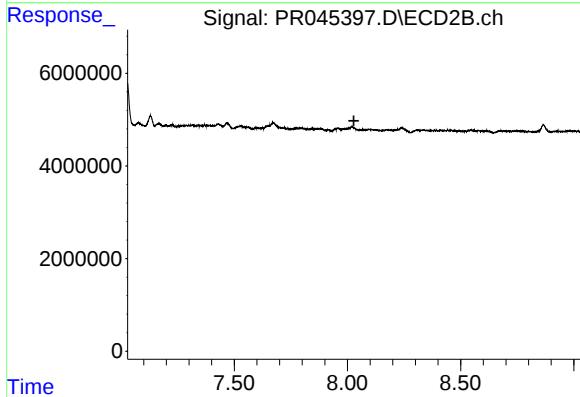
R.T.: 0.000 min
Exp R.T. : 7.964 min
Response: 0
Conc: N.D.



#42 AR-1268-2

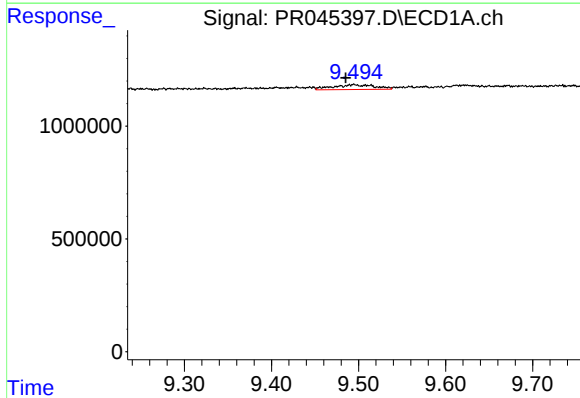
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 398194
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



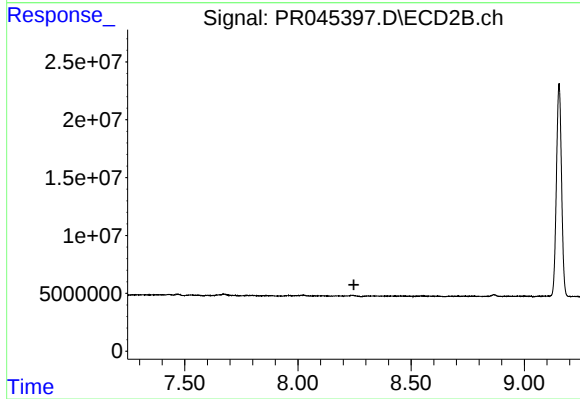
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.029 min
Response: 0
Conc: N.D.



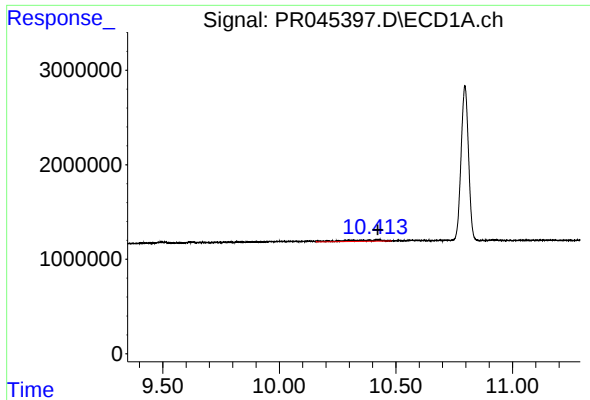
#43 AR-1268-3

R.T.: 9.494 min
Delta R.T.: 0.009 min
Response: 725740
Conc: 3.63 ng/ml



#43 AR-1268-3

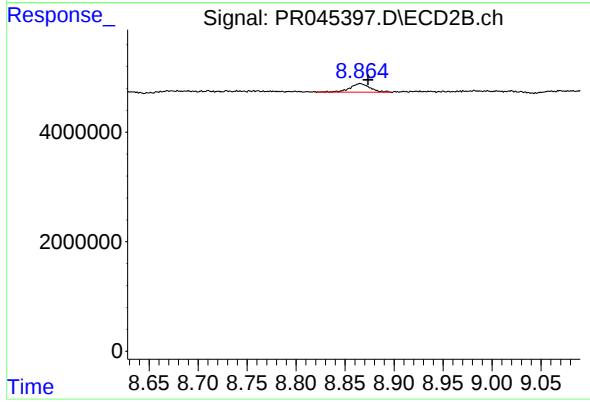
R.T.: 0.000 min
Exp R.T. : 8.247 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 1521275
Conc: 2.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.866 min
Delta R.T.: -0.008 min
Response: 2208069
Conc: 0.44 ng/ml