

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 17:44
 Operator : AJ\MA
 Sample : M2940-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:42:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 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...	4.628	3.808	138.8E6	127.9E6	16.984	17.199
2)	SA Decachlor...	10.503	8.832	180.7E6	135.6E6	18.816	16.960
Target Compounds							
3)	L1 AR-1016-1	5.811	4.894	7085148	5187191	19.528	17.629
4)	L1 AR-1016-2	5.834	4.912	9689114	7573632	18.675	17.938
5)	L1 AR-1016-3	5.896	5.088	6141894	3687850	20.241	16.565
6)	L1 AR-1016-4	5.997	5.129	5400696	3811833	21.019	22.506
7)	L1 AR-1016-5	6.290	5.342	4349990	4158749	17.558	18.812
8)	L2 AR-1221-1	4.840	4.028	29094	968474	0.330	13.193 #
9)	L2 AR-1221-2	4.936	4.108	2983188	2092786	44.354	35.484
10)	L2 AR-1221-3	5.009	4.181	3479049	2662980	16.184	13.996
11)	L3 AR-1232-1	5.009	4.181	3479049	2662980	19.269	16.492
12)	L3 AR-1232-2	5.542	4.912	4367957	7573632	44.933	45.179
13)	L3 AR-1232-3	5.834	5.088	9689114	3687850	46.349	42.317
14)	L3 AR-1232-4	5.997	5.171	5400696	3698298	52.306	50.279
15)	L3 AR-1232-5	6.083	5.342	4306872	4158749	57.342	51.113
16)	L4 AR-1242-1	5.811	4.894	7085148	5187191	27.682	25.029
17)	L4 AR-1242-2	5.834	4.912	9689114	7573632	25.630	24.976
18)	L4 AR-1242-3	5.896	5.088	6141894	3687850	27.919	23.107
19)	L4 AR-1242-4	5.997	5.171	5400696	3698298	28.970	25.029
20)	L4 AR-1242-5	6.735	5.693	6148366	4950085	28.090	24.685
21)	L5 AR-1248-1	5.811	4.894	7085148	5187191	33.599	30.405
22)	L5 AR-1248-2	6.083	5.129	4306872	3811833	14.710	16.643
23)	L5 AR-1248-3	6.290	5.171	4349990	3698298	13.017	15.536
24)	L5 AR-1248-4	6.696	5.342	5791123	4158749	13.930	14.494
25)	L5 AR-1248-5	6.735	5.734	6148366	4270304	15.413	13.933
26)	L6 AR-1254-1	6.668	5.693	4729934	4950085	13.345	12.052
27)	L6 AR-1254-2	6.894	5.839	5493947	1305544	9.774	3.753 #
28)	L6 AR-1254-3	7.257	6.242	5396756	1643715	9.015	2.728 #
29)	L6 AR-1254-4	7.544	6.469	4150943	1247787	8.444	3.323 #
30)	L6 AR-1254-5	7.962	6.883	2560686	259981	5.405	0.503 #
31)	L7 AR-1260-1	7.433	6.359	1257217	380678	2.635	0.924 #
32)	L7 AR-1260-2	7.673	6.536f	3087409	672983	4.888	1.331 #
33)	L7 AR-1260-3	8.029	6.711	1545467	313324	3.091	0.640 #
34)	L7 AR-1260-4	8.262	0.000	4107889	0	8.021	N.D. #
35)	L7 AR-1260-5	8.605	0.000	842518	0	0.731	N.D. #
36)	L8 AR-1262-1	8.040	6.883	710177	259981	1.082	0.940
37)	L8 AR-1262-2	8.605	0.000	842518	0	0.701	N.D. #
38)	L8 AR-1262-3	0.000	7.716	0	774206	N.D.	2.104 #
39)	L8 AR-1262-4	0.000	7.763	0	275795	N.D.	0.378 #
40)	L8 AR-1262-5	9.704f	0.000	47794	0	0.114	N.D. #
41)	L9 AR-1268-1	0.000	7.716	0	774206	N.D.	0.719 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 17:44
 Operator : AJ\MA
 Sample : M2940-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

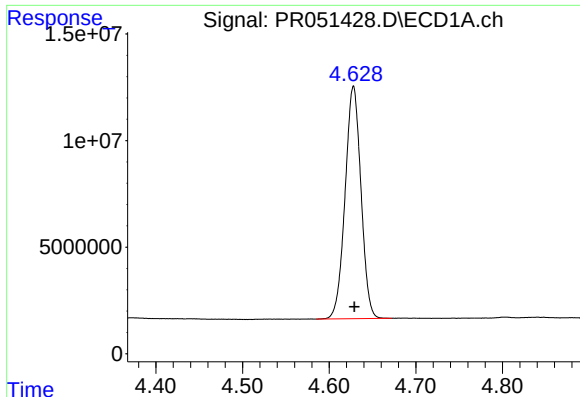
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:42:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.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
42) L9	AR-1268-2	0.000	7.763	0	275795	N.D.	0.277 #
43) L9	AR-1268-3	9.261	7.978	1013635	660180	0.908	0.802
44) L9	AR-1268-4	9.704f	0.000	47794	0	0.105	N.D. #
45) L9	AR-1268-5	10.153	8.569	1673615	1382273	0.458	0.497

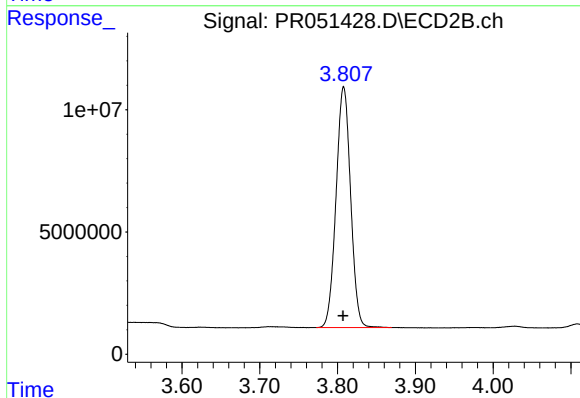
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

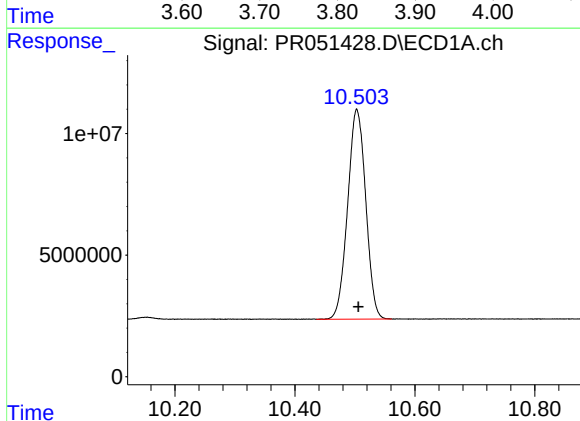
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 138807722
Conc: 16.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



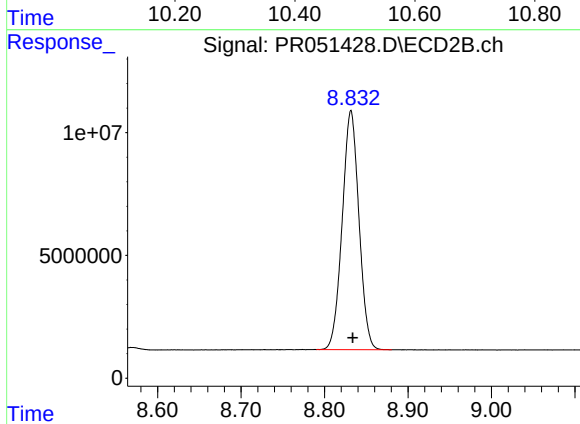
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 127888309
Conc: 17.20 ng/ml



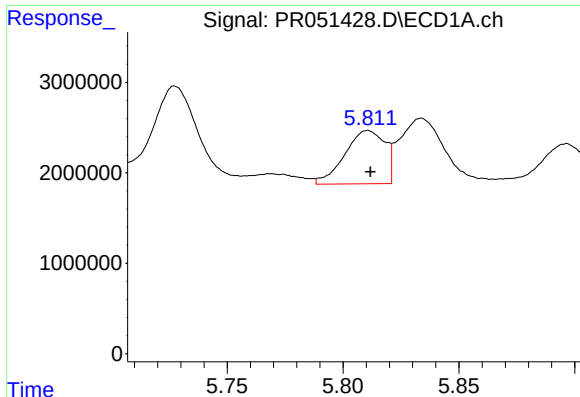
#2 Decachlorobiphenyl

R.T.: 10.503 min
Delta R.T.: -0.003 min
Response: 180732018
Conc: 18.82 ng/ml



#2 Decachlorobiphenyl

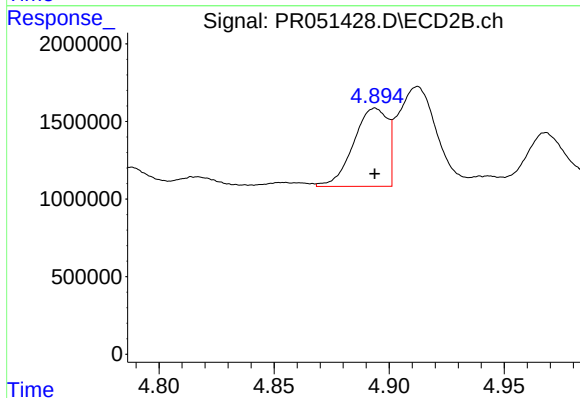
R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 135604383
Conc: 16.96 ng/ml



#3 AR-1016-1

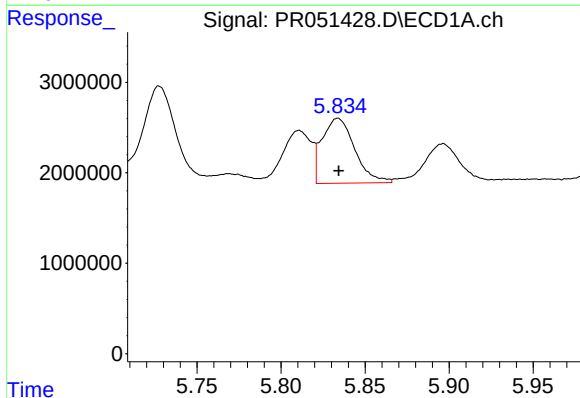
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 7085148
Conc: 19.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



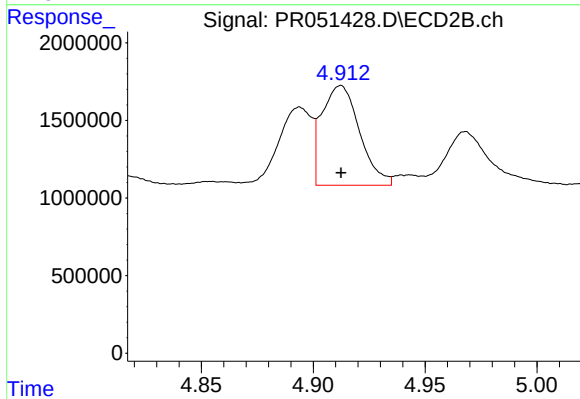
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 5187191
Conc: 17.63 ng/ml



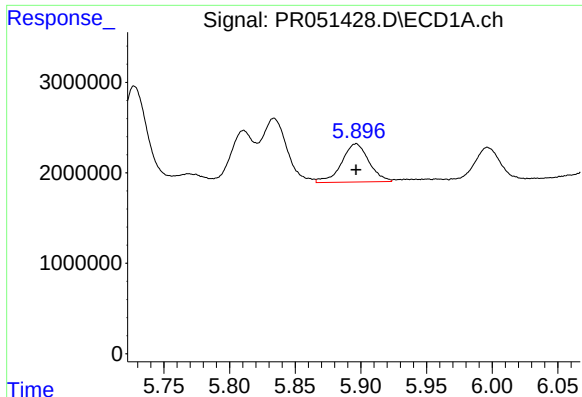
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 9689114
Conc: 18.68 ng/ml



#4 AR-1016-2

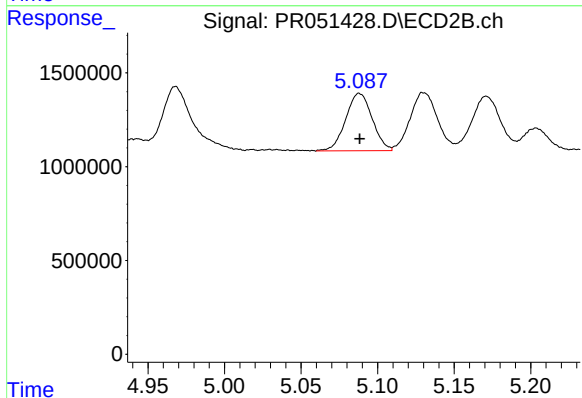
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 7573632
Conc: 17.94 ng/ml



#5 AR-1016-3

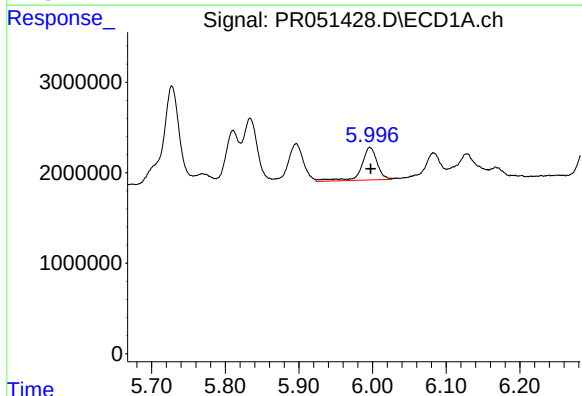
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 6141894
Conc: 20.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



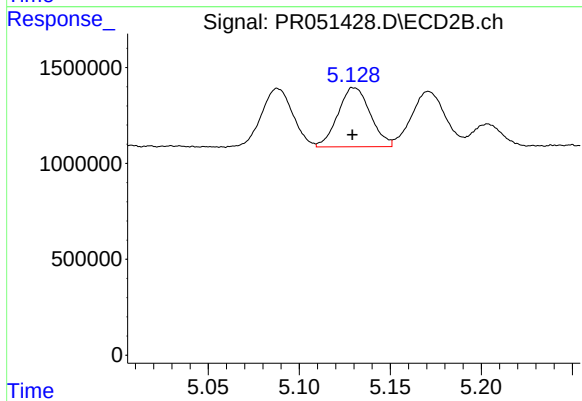
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 3687850
Conc: 16.56 ng/ml



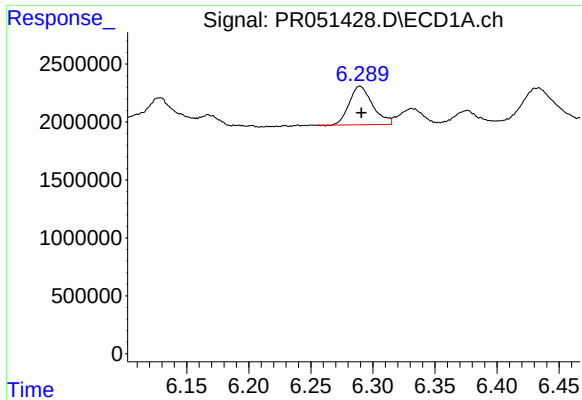
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 5400696
Conc: 21.02 ng/ml



#6 AR-1016-4

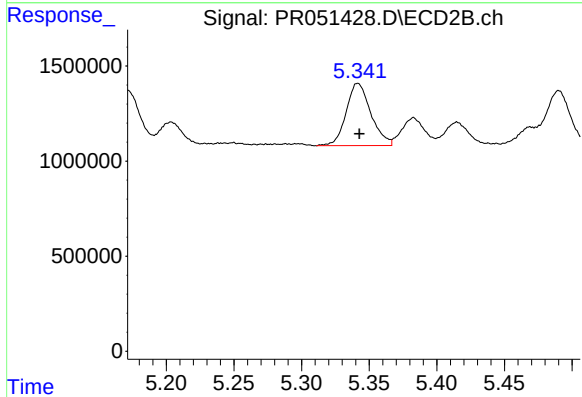
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 3811833
Conc: 22.51 ng/ml



#7 AR-1016-5

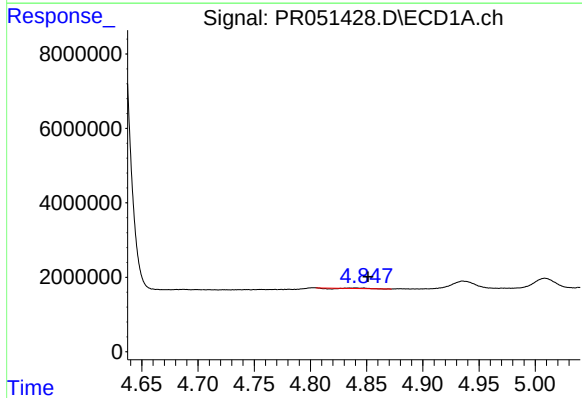
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 4349990
Conc: 17.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



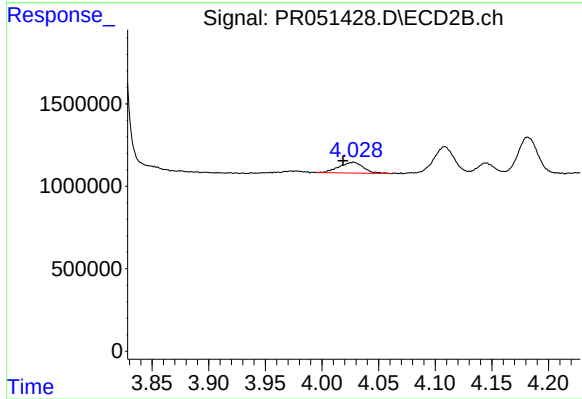
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 4158749
Conc: 18.81 ng/ml



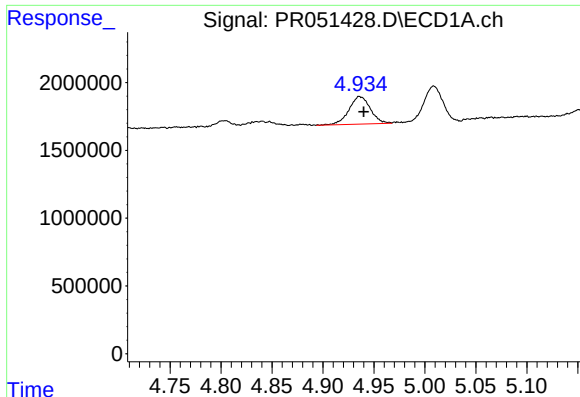
#8 AR-1221-1

R.T.: 4.840 min
Delta R.T.: -0.011 min
Response: 29094
Conc: 0.33 ng/ml



#8 AR-1221-1

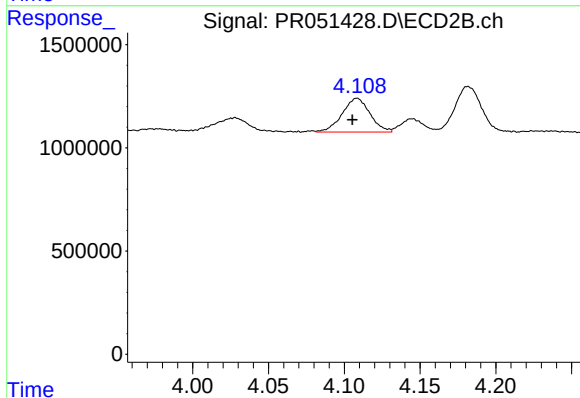
R.T.: 4.028 min
Delta R.T.: 0.009 min
Response: 968474
Conc: 13.19 ng/ml



#9 AR-1221-2

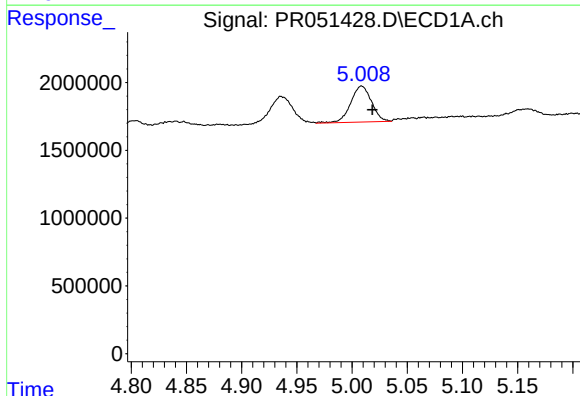
R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 2983188
Conc: 44.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



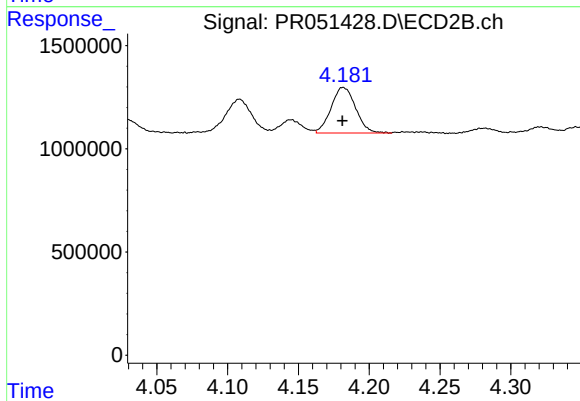
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 2092786
Conc: 35.48 ng/ml



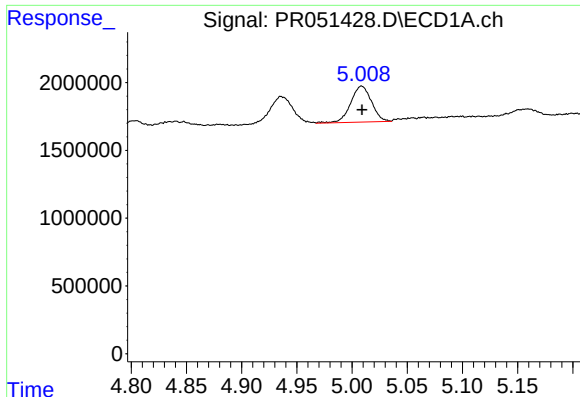
#10 AR-1221-3

R.T.: 5.009 min
Delta R.T.: -0.010 min
Response: 3479049
Conc: 16.18 ng/ml



#10 AR-1221-3

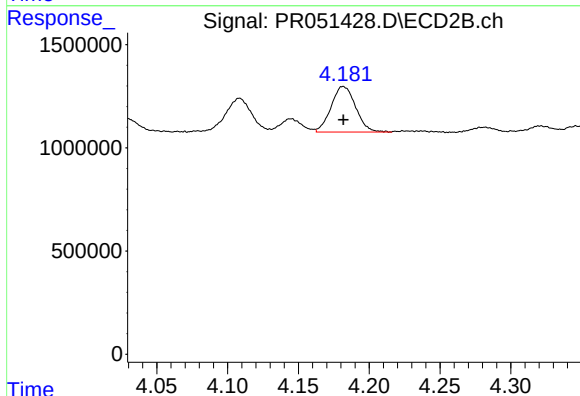
R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 2662980
Conc: 14.00 ng/ml



#11 AR-1232-1

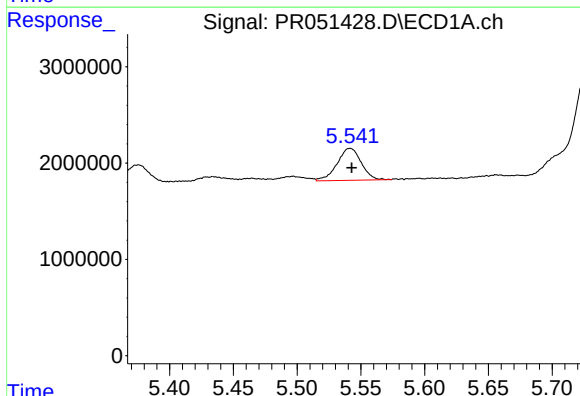
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 3479049
Conc: 19.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



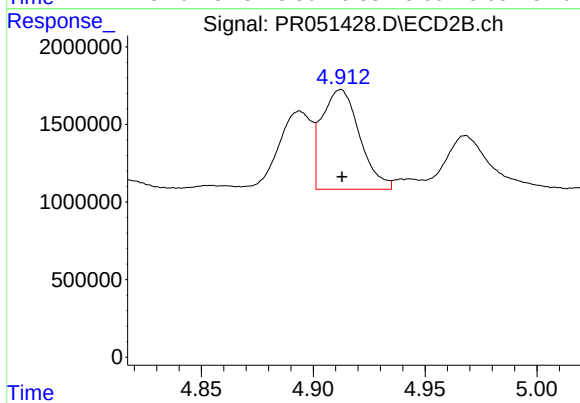
#11 AR-1232-1

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 2662980
Conc: 16.49 ng/ml



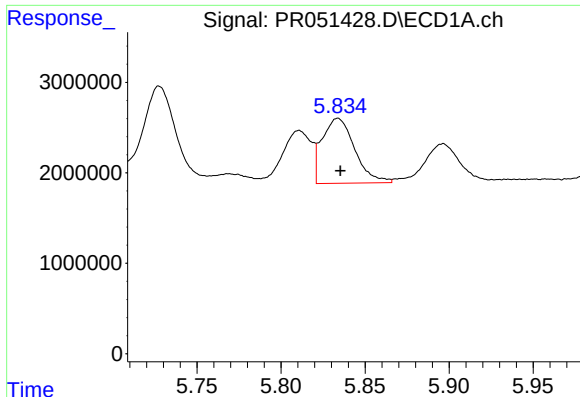
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 4367957
Conc: 44.93 ng/ml



#12 AR-1232-2

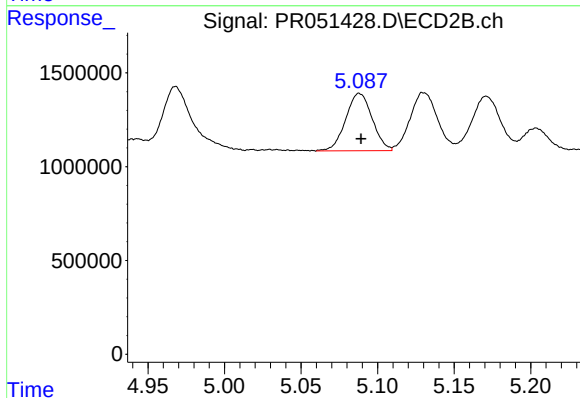
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 7573632
Conc: 45.18 ng/ml



#13 AR-1232-3

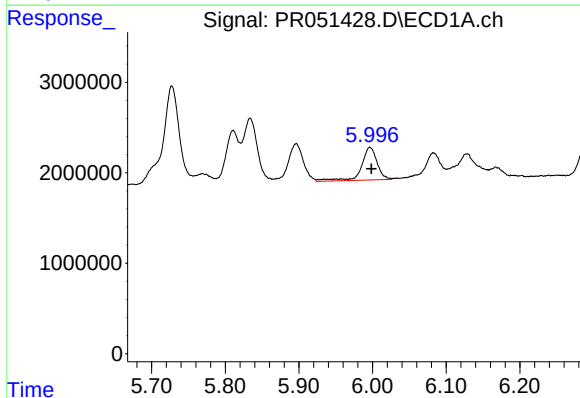
R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 9689114
Conc: 46.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



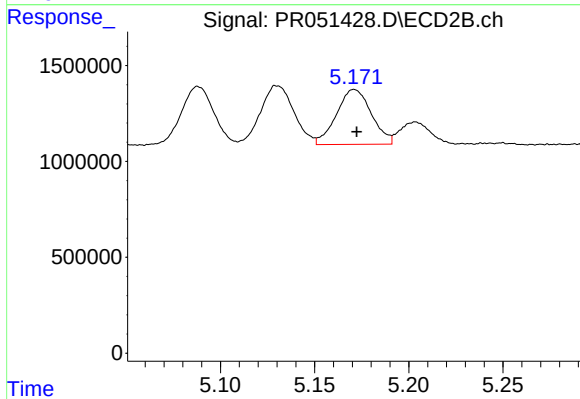
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 3687850
Conc: 42.32 ng/ml



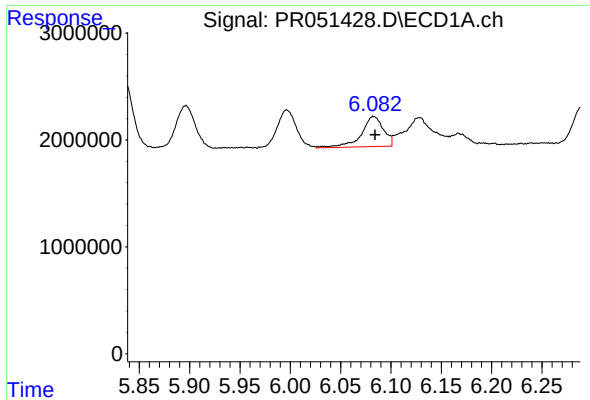
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 5400696
Conc: 52.31 ng/ml



#14 AR-1232-4

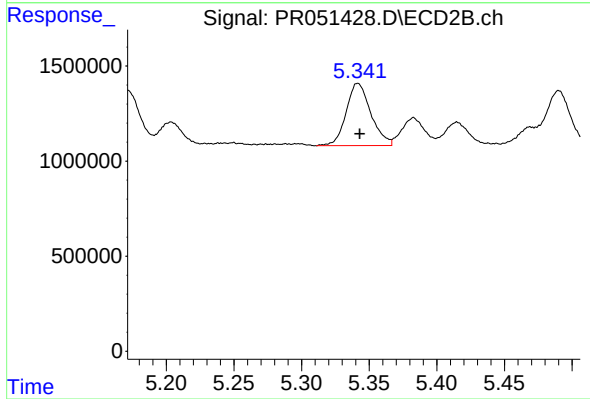
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 3698298
Conc: 50.28 ng/ml



#15 AR-1232-5

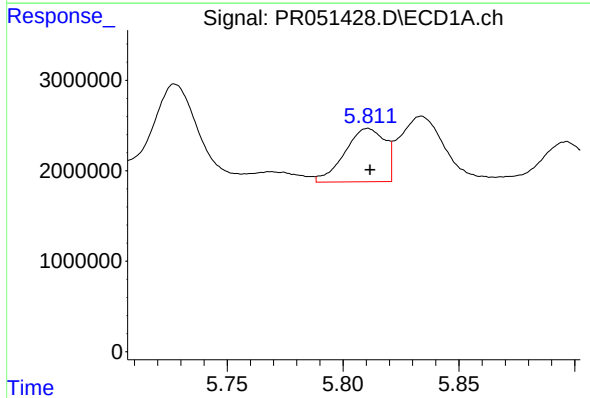
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 4306872
Conc: 57.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



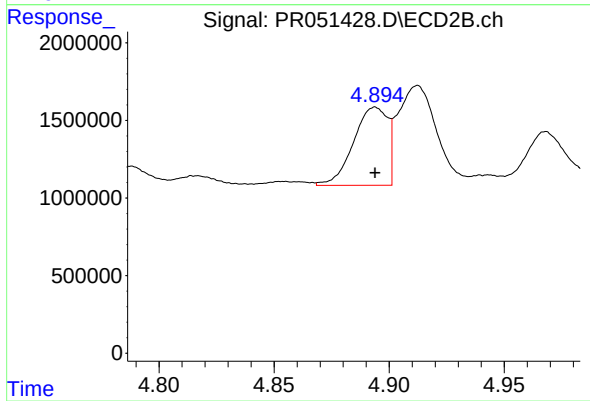
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 4158749
Conc: 51.11 ng/ml



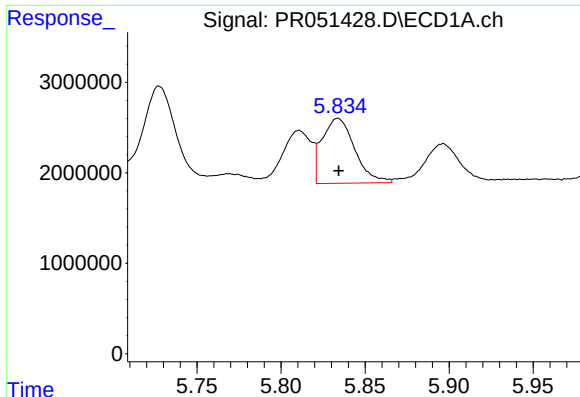
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 7085148
Conc: 27.68 ng/ml



#16 AR-1242-1

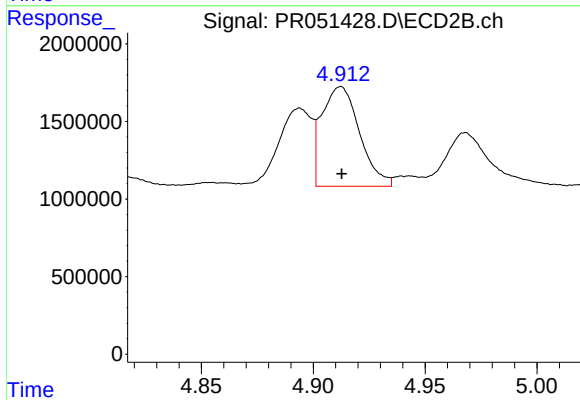
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 5187191
Conc: 25.03 ng/ml



#17 AR-1242-2

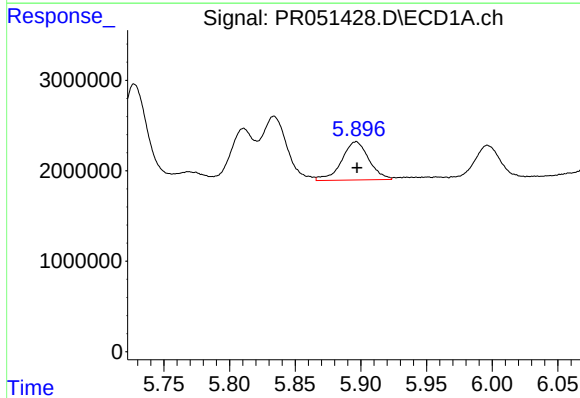
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 9689114
Conc: 25.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



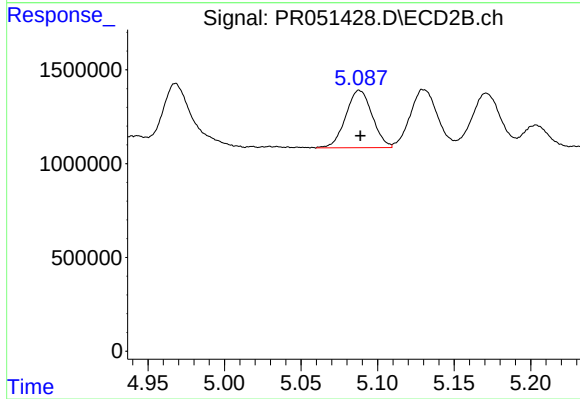
#17 AR-1242-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 7573632
Conc: 24.98 ng/ml



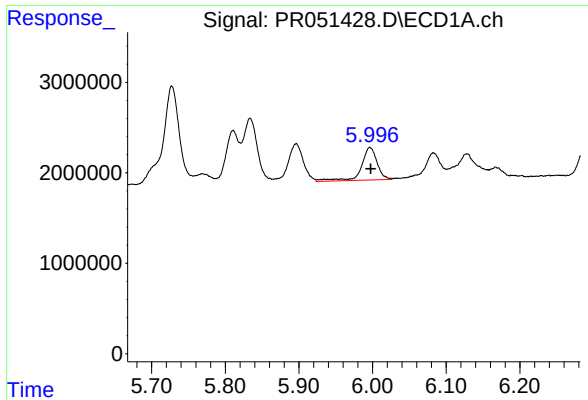
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 6141894
Conc: 27.92 ng/ml



#18 AR-1242-3

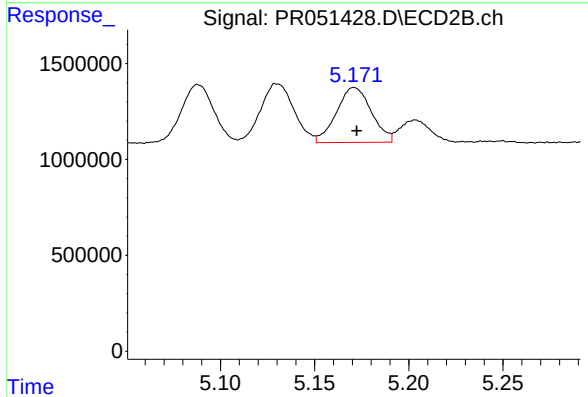
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 3687850
Conc: 23.11 ng/ml



#19 AR-1242-4

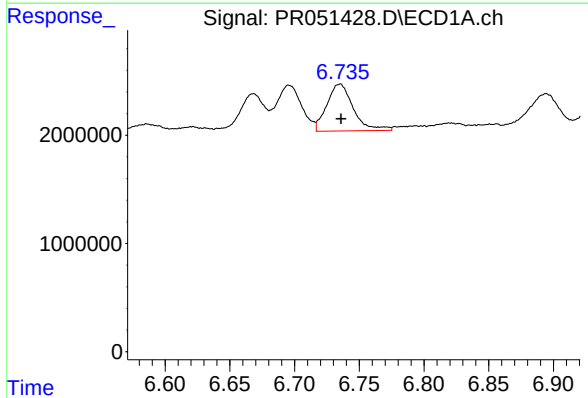
R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 5400696
Conc: 28.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



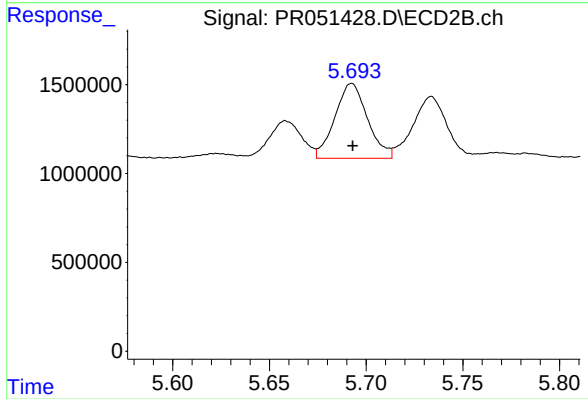
#19 AR-1242-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 3698298
Conc: 25.03 ng/ml



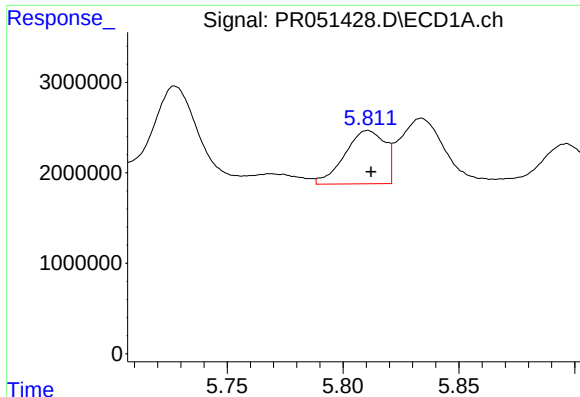
#20 AR-1242-5

R.T.: 6.735 min
Delta R.T.: -0.001 min
Response: 6148366
Conc: 28.09 ng/ml



#20 AR-1242-5

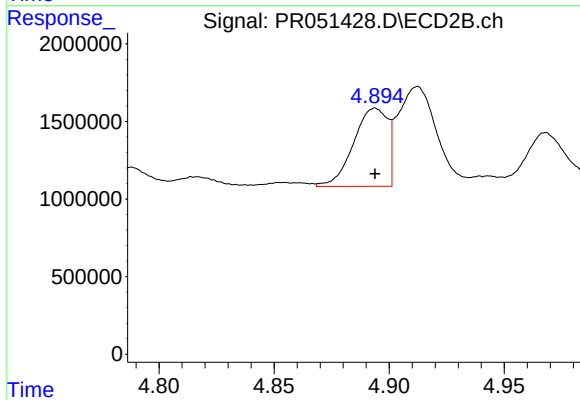
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 4950085
Conc: 24.68 ng/ml



#21 AR-1248-1

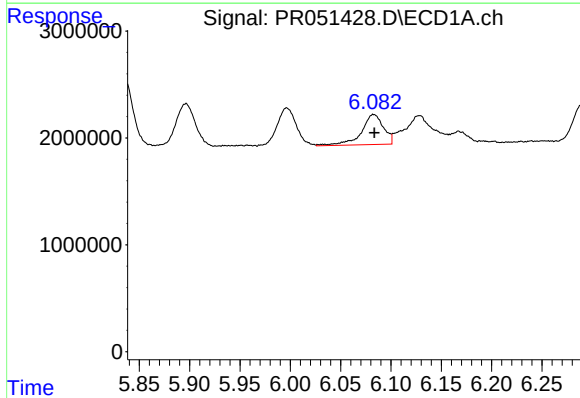
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 7085148
Conc: 33.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



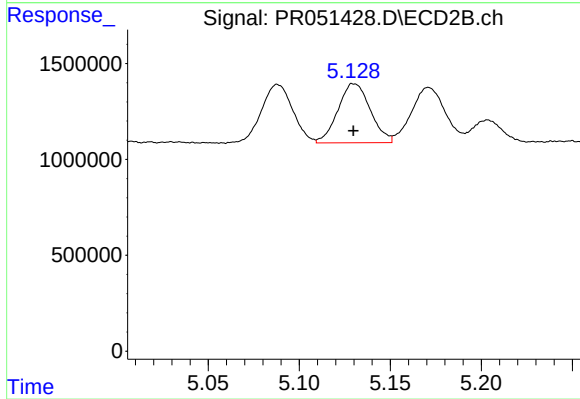
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 5187191
Conc: 30.41 ng/ml



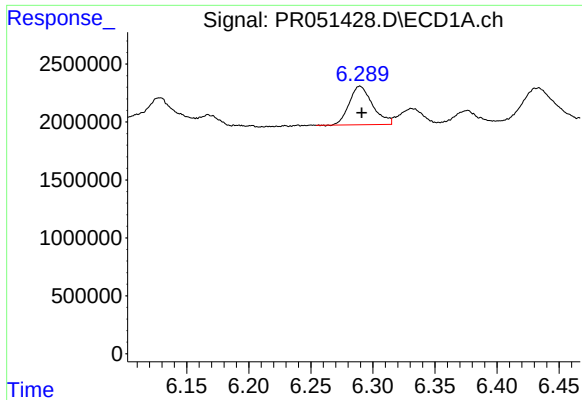
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 4306872
Conc: 14.71 ng/ml



#22 AR-1248-2

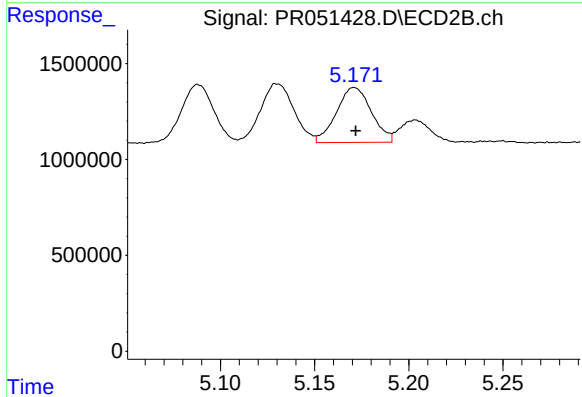
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 3811833
Conc: 16.64 ng/ml



#23 AR-1248-3

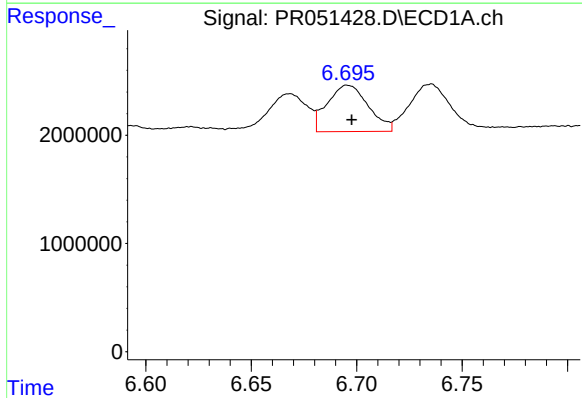
R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 4349990
Conc: 13.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



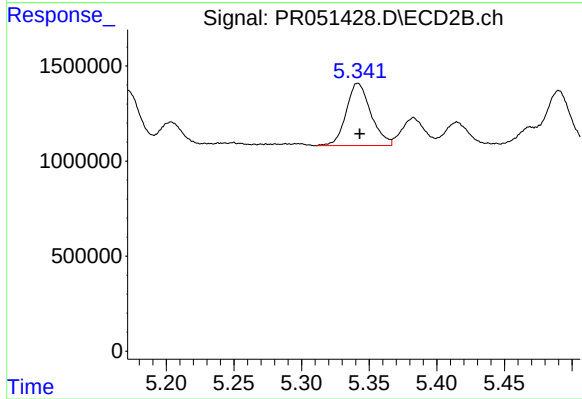
#23 AR-1248-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 3698298
Conc: 15.54 ng/ml



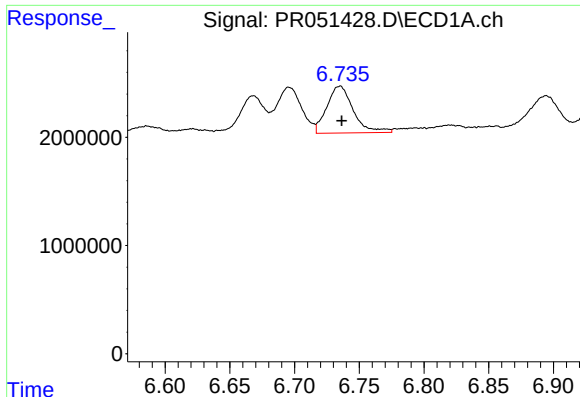
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 5791123
Conc: 13.93 ng/ml



#24 AR-1248-4

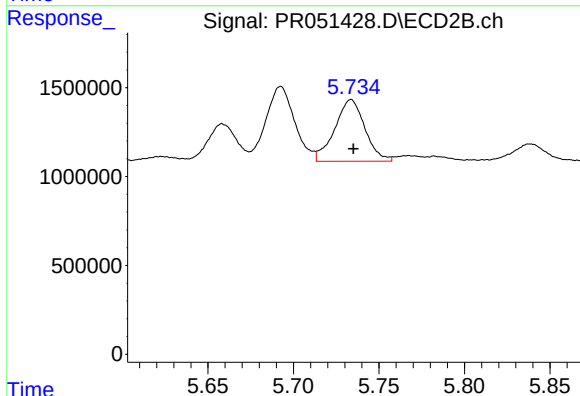
R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 4158749
Conc: 14.49 ng/ml



#25 AR-1248-5

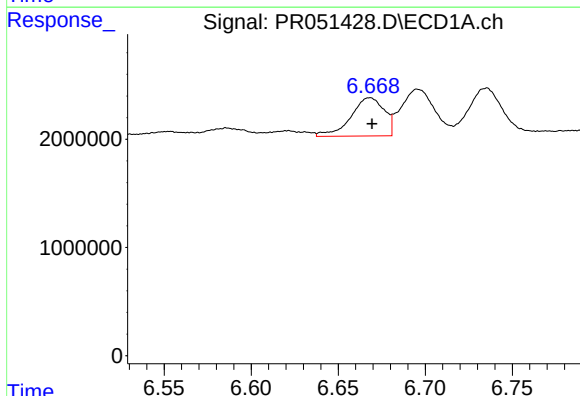
R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 6148366
Conc: 15.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



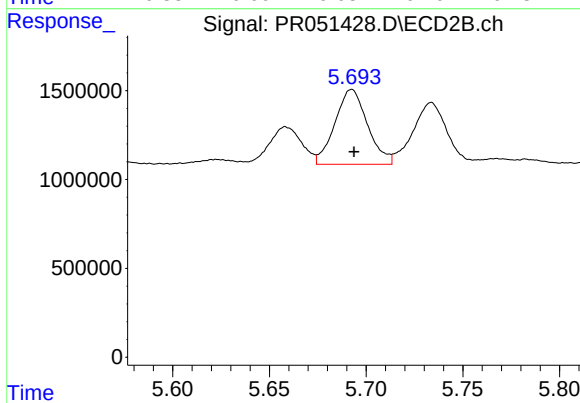
#25 AR-1248-5

R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 4270304
Conc: 13.93 ng/ml



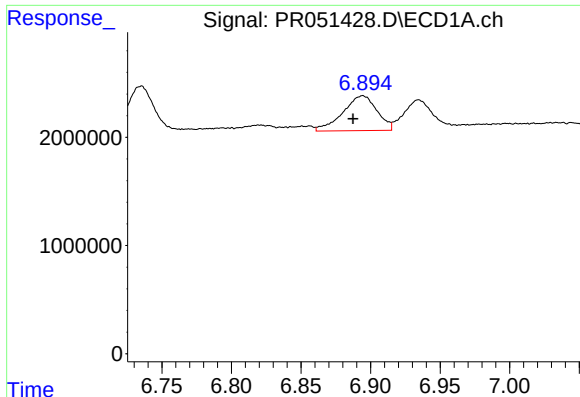
#26 AR-1254-1

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 4729934
Conc: 13.34 ng/ml



#26 AR-1254-1

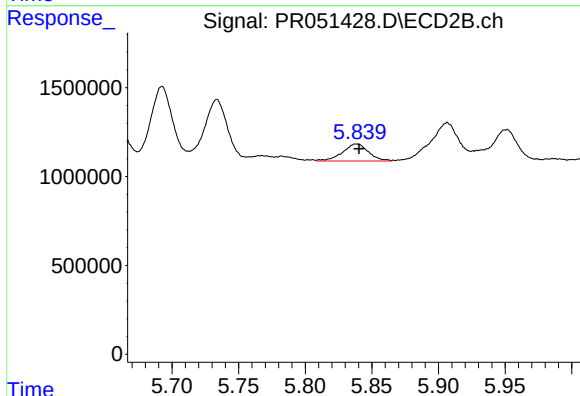
R.T.: 5.693 min
Delta R.T.: -0.001 min
Response: 4950085
Conc: 12.05 ng/ml



#27 AR-1254-2

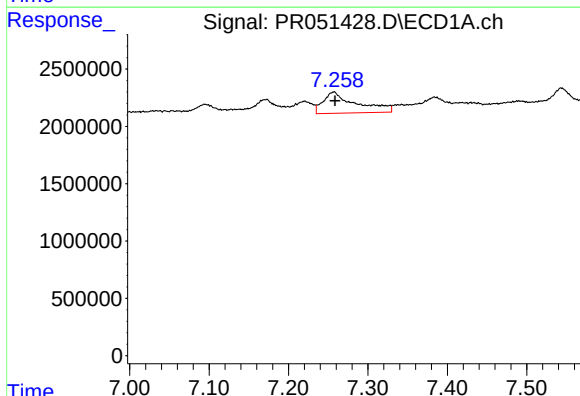
R.T.: 6.894 min
Delta R.T.: 0.007 min
Response: 5493947
Conc: 9.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



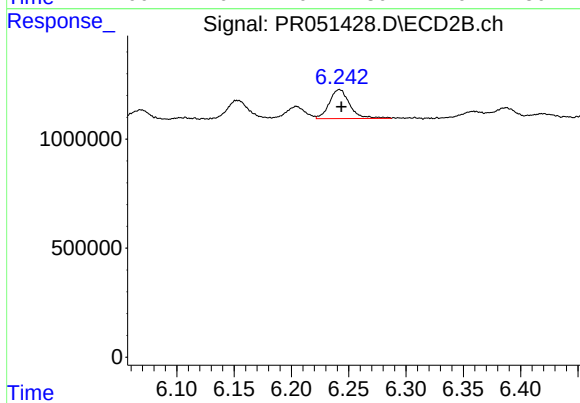
#27 AR-1254-2

R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 1305544
Conc: 3.75 ng/ml



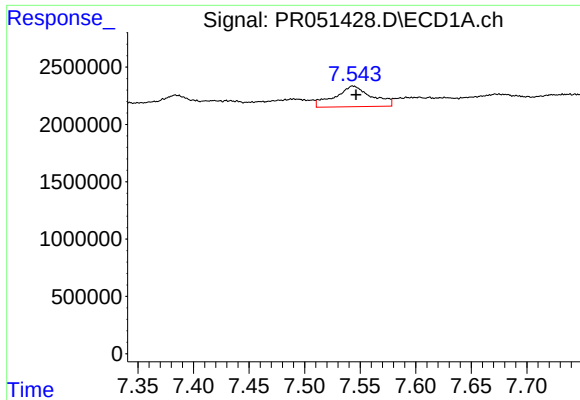
#28 AR-1254-3

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 5396756
Conc: 9.01 ng/ml



#28 AR-1254-3

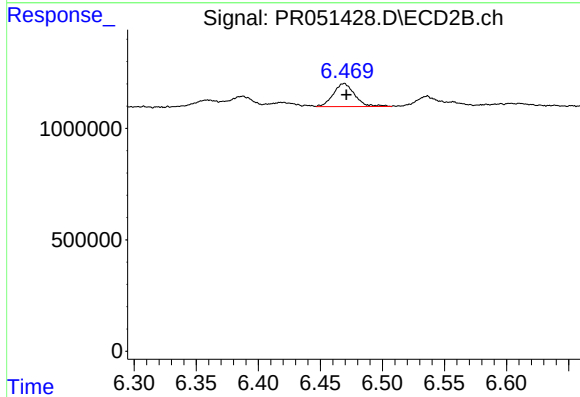
R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 1643715
Conc: 2.73 ng/ml



#29 AR-1254-4

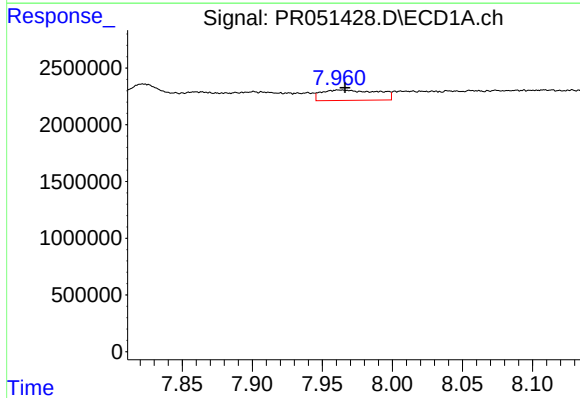
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 4150943
Conc: 8.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



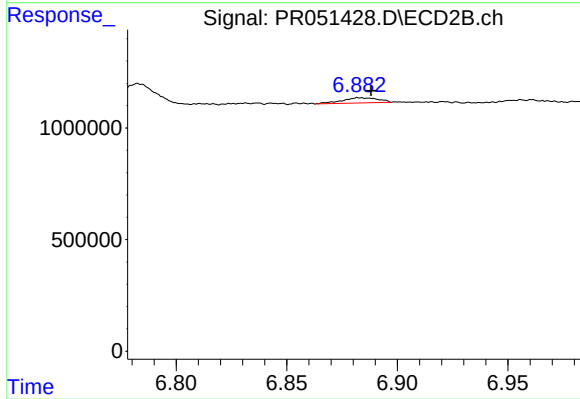
#29 AR-1254-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 1247787
Conc: 3.32 ng/ml



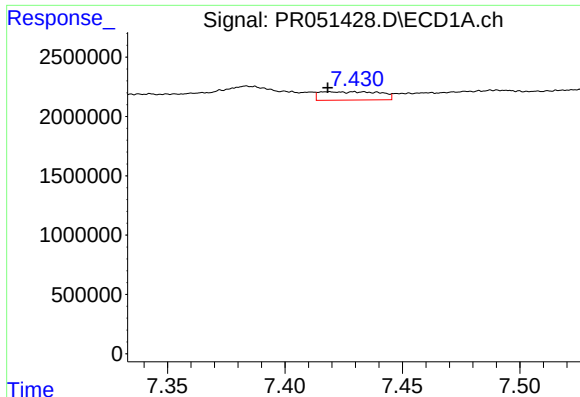
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 2560686
Conc: 5.40 ng/ml



#30 AR-1254-5

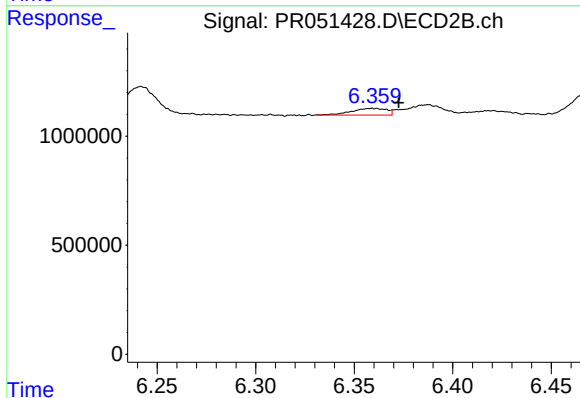
R.T.: 6.883 min
Delta R.T.: -0.005 min
Response: 259981
Conc: 0.50 ng/ml



#31 AR-1260-1

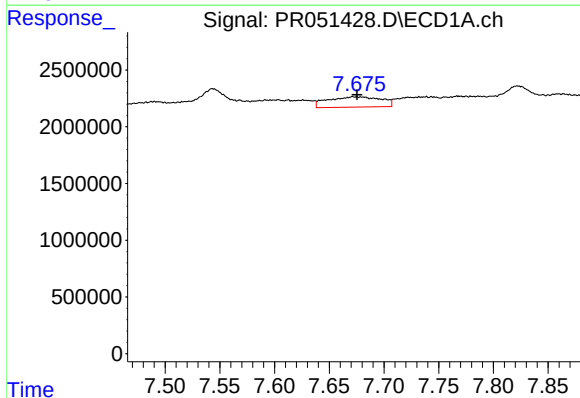
R.T.: 7.433 min
Delta R.T.: 0.015 min
Response: 1257217
Conc: 2.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



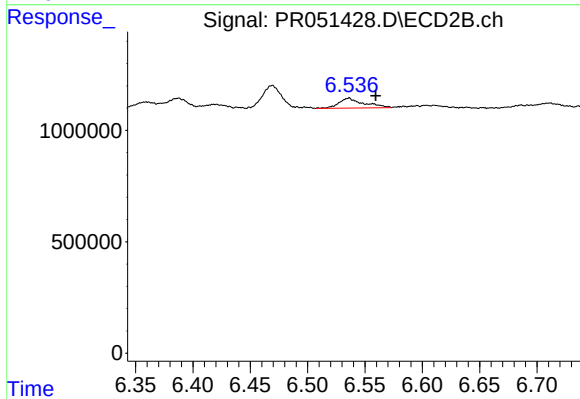
#31 AR-1260-1

R.T.: 6.359 min
Delta R.T.: -0.013 min
Response: 380678
Conc: 0.92 ng/ml



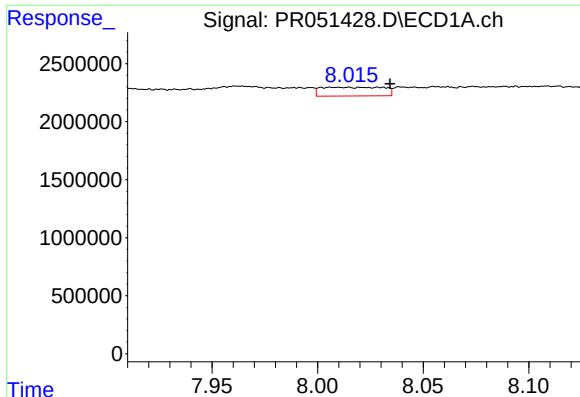
#32 AR-1260-2

R.T.: 7.673 min
Delta R.T.: -0.003 min
Response: 3087409
Conc: 4.89 ng/ml



#32 AR-1260-2

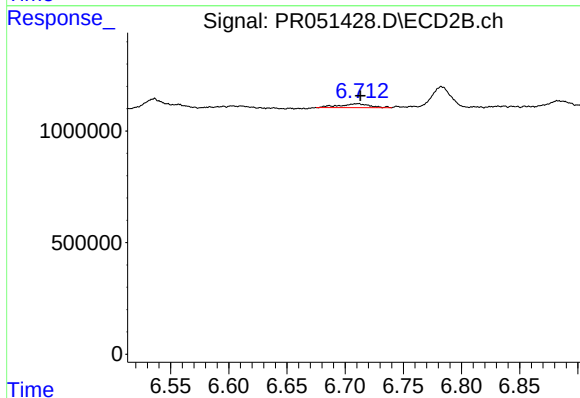
R.T.: 6.536 min
Delta R.T.: -0.024 min
Response: 672983
Conc: 1.33 ng/ml



#33 AR-1260-3

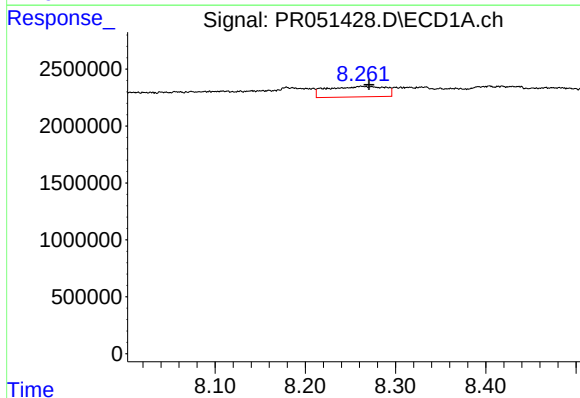
R.T.: 8.029 min
Delta R.T.: -0.005 min
Response: 1545467
Conc: 3.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



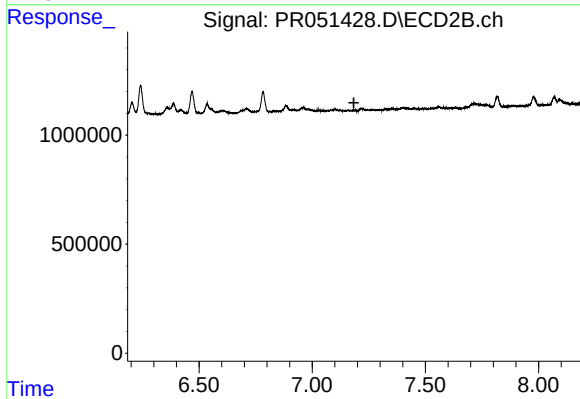
#33 AR-1260-3

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 313324
Conc: 0.64 ng/ml



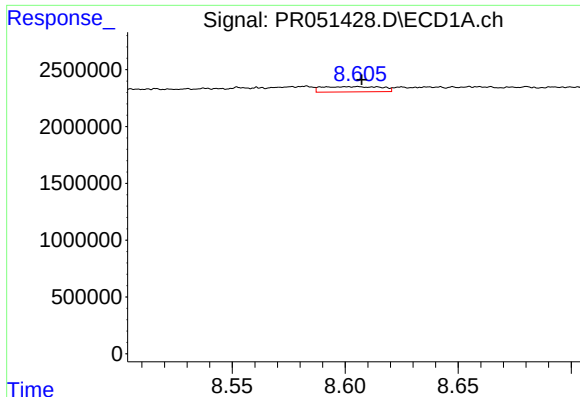
#34 AR-1260-4

R.T.: 8.262 min
Delta R.T.: -0.009 min
Response: 4107889
Conc: 8.02 ng/ml



#34 AR-1260-4

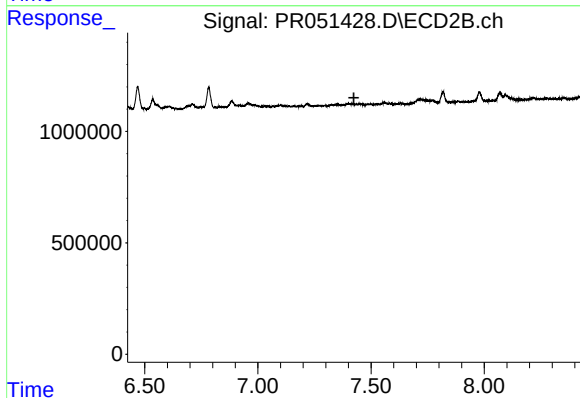
R.T.: 0.000 min
Exp R.T.: 7.184 min
Response: 0
Conc: N.D.



#35 AR-1260-5

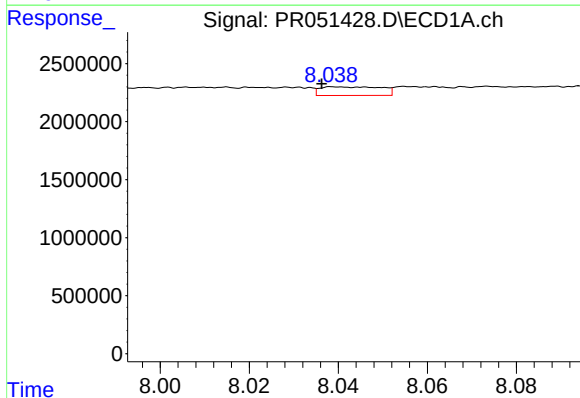
R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 842518
Conc: 0.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



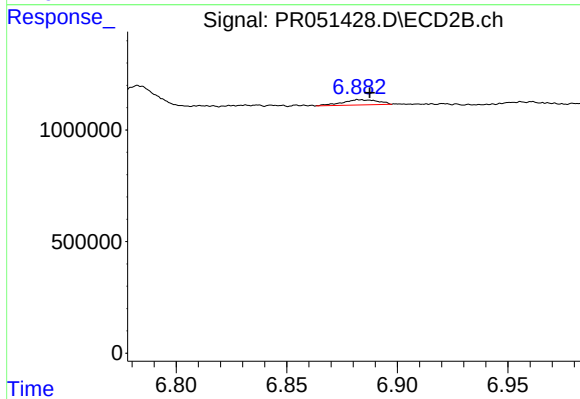
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.424 min
Response: 0
Conc: N.D.



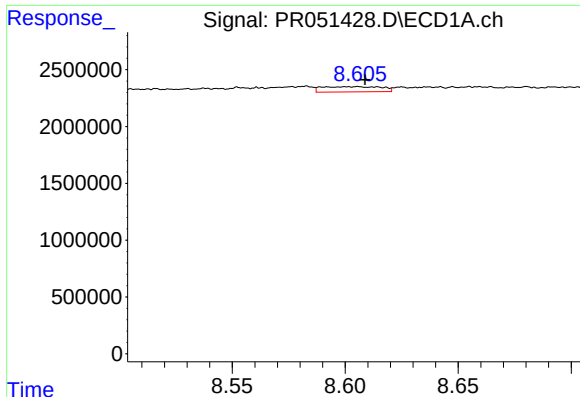
#36 AR-1262-1

R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 710177
Conc: 1.08 ng/ml



#36 AR-1262-1

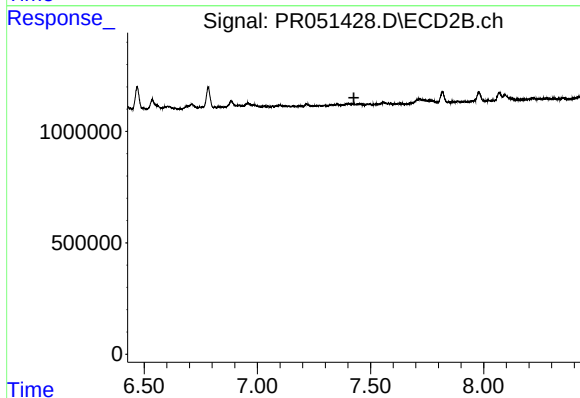
R.T.: 6.883 min
Delta R.T.: -0.005 min
Response: 259981
Conc: 0.94 ng/ml



#37 AR-1262-2

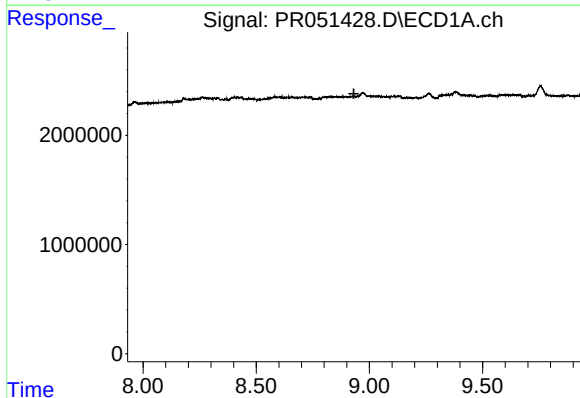
R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 842518
Conc: 0.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



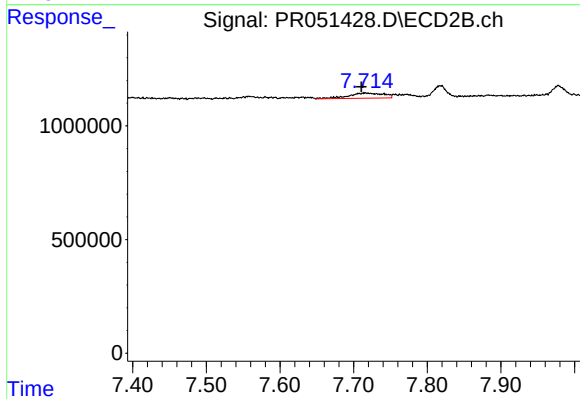
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.426 min
Response: 0
Conc: N.D.



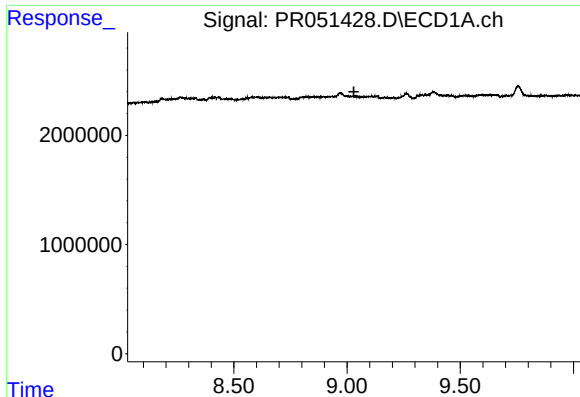
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.931 min
Response: 0
Conc: N.D.



#38 AR-1262-3

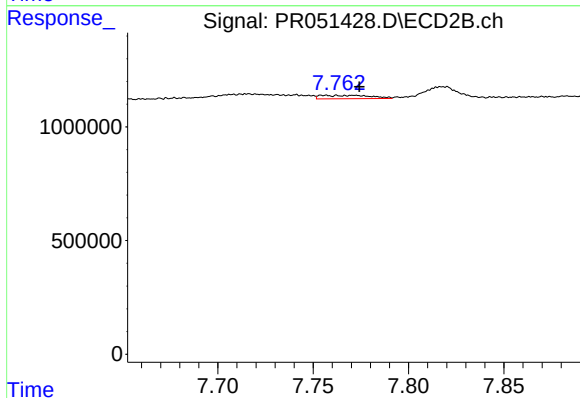
R.T.: 7.716 min
Delta R.T.: 0.005 min
Response: 774206
Conc: 2.10 ng/ml



#39 AR-1262-4

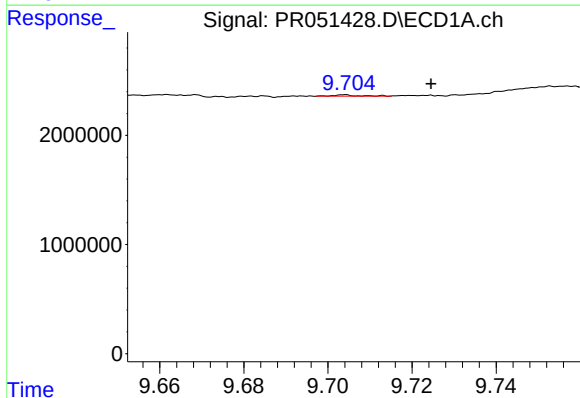
R.T.: 0.000 min
Exp R.T.: 9.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



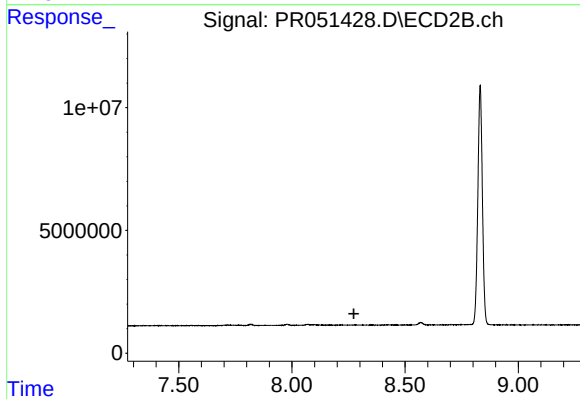
#39 AR-1262-4

R.T.: 7.763 min
Delta R.T.: -0.012 min
Response: 275795
Conc: 0.38 ng/ml



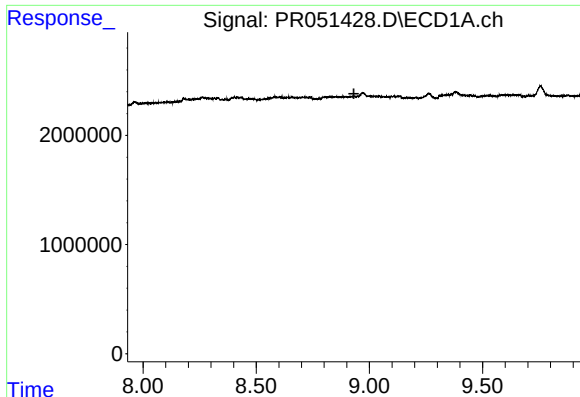
#40 AR-1262-5

R.T.: 9.704 min
Delta R.T.: -0.021 min
Response: 47794
Conc: 0.11 ng/ml



#40 AR-1262-5

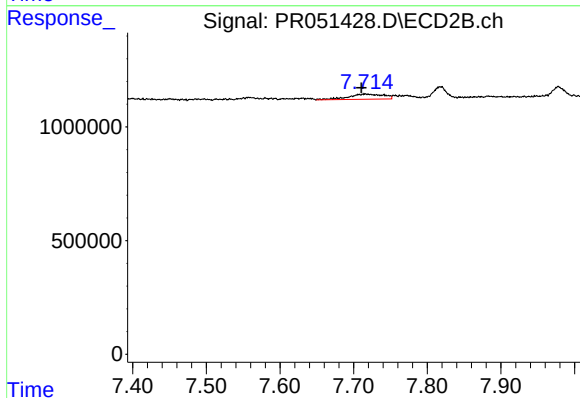
R.T.: 0.000 min
Exp R.T.: 8.274 min
Response: 0
Conc: N.D.



#41 AR-1268-1

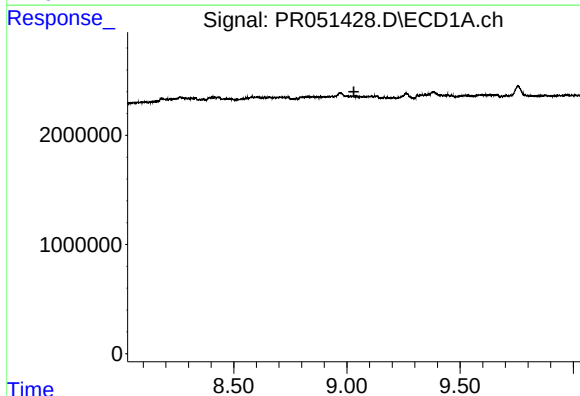
R.T.: 0.000 min
Exp R.T. : 8.932 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



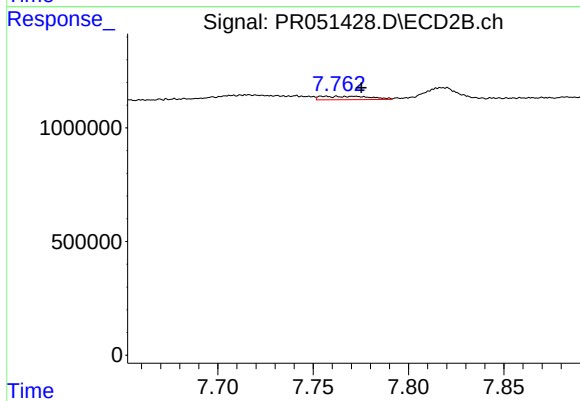
#41 AR-1268-1

R.T.: 7.716 min
Delta R.T.: 0.005 min
Response: 774206
Conc: 0.72 ng/ml



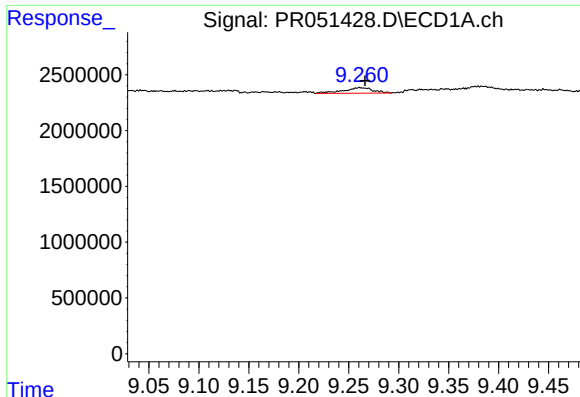
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.



#42 AR-1268-2

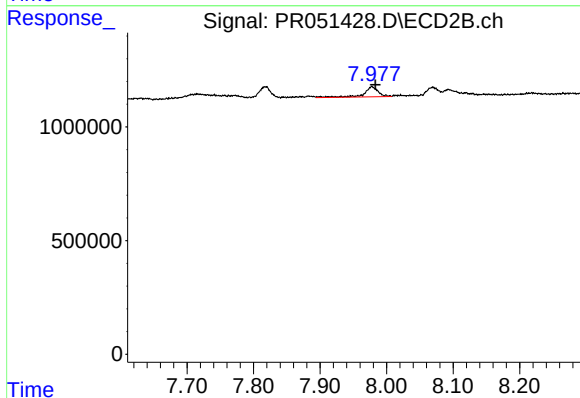
R.T.: 7.763 min
Delta R.T.: -0.013 min
Response: 275795
Conc: 0.28 ng/ml



#43 AR-1268-3

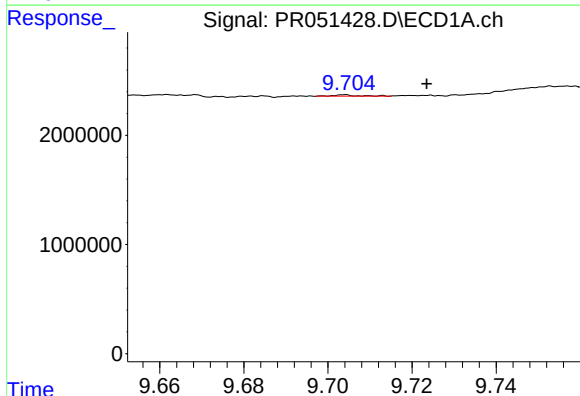
R.T.: 9.261 min
Delta R.T.: -0.006 min
Response: 1013635
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



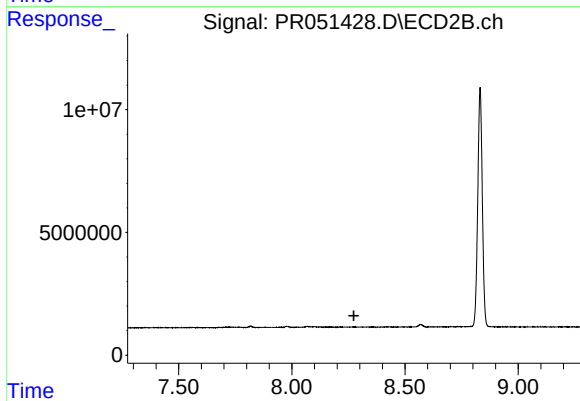
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 660180
Conc: 0.80 ng/ml



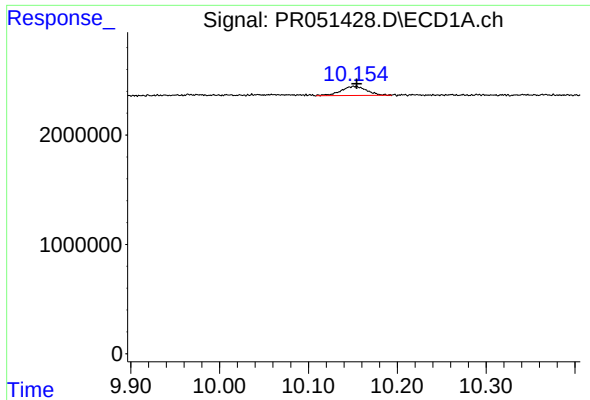
#44 AR-1268-4

R.T.: 9.704 min
Delta R.T.: -0.020 min
Response: 47794
Conc: 0.11 ng/ml



#44 AR-1268-4

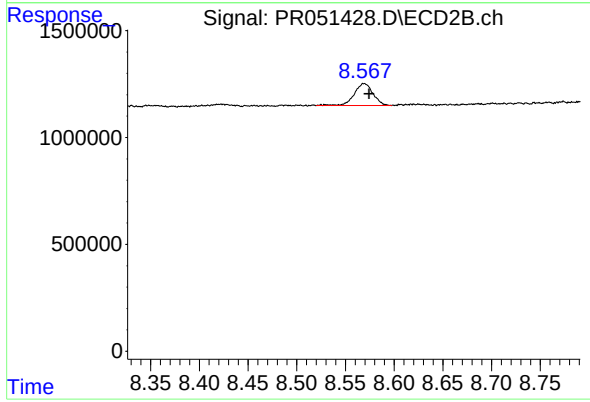
R.T.: 0.000 min
Exp R.T.: 8.274 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 1673615
Conc: 0.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: -0.005 min
Response: 1382273
Conc: 0.50 ng/ml