

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
 Data File : PR042796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 10:27
 Operator : SM\AJ
 Sample : K5642-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S1-01-ARE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:12:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 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...	4.710	3.971	97387892	366.0E6	16.522	18.255
2)	SA Decachlor...	10.621	9.068	36464410	106.8E6	9.112	8.503
Target Compounds							
3)	L1 AR-1016-1	5.874	0.000	757744	0	4.224	N.D. #
4)	L1 AR-1016-2	5.924	0.000	147567	0	0.592	N.D. #
5)	L1 AR-1016-3	5.924	0.000	147567	0	0.981	N.D. #
7)	L1 AR-1016-5	6.338	5.539	1882528	62161229	15.202	202.602 #
8)	L2 AR-1221-1	0.000	4.134	0	10593187	N.D.	58.555 #
9)	L2 AR-1221-2	5.022	4.277	1707834	6437858	45.910	48.680
10)	L2 AR-1221-3	5.022	4.394	1707834	4920438	14.785	11.897
11)	L3 AR-1232-1	5.022	4.394	1707834	4920438	10.689	8.525
13)	L3 AR-1232-3	5.924	0.000	147567	0	0.857	N.D. #
15)	L3 AR-1232-5	0.000	5.539	0	62161229	N.D.	306.167 #
16)	L4 AR-1242-1	5.874	0.000	757744	0	5.944	N.D. #
17)	L4 AR-1242-2	5.924	0.000	147567	0	0.823	N.D. #
18)	L4 AR-1242-3	5.924	0.000	147567	0	1.366	N.D. #
20)	L4 AR-1242-5	6.788	5.853	20581105	22095537	205.884	74.918 #
21)	L5 AR-1248-1	5.874	0.000	757744	0	7.987	N.D. #
23)	L5 AR-1248-3	6.338	0.000	1882528	0	12.712	N.D. #
24)	L5 AR-1248-4	6.788	5.539	20581105	62161229	120.527	173.245 #
25)	L5 AR-1248-5	6.788	5.897	20581105	136.9E6	126.912	353.093 #
26)	L6 AR-1254-1	6.747	5.853	64174389	22095537	343.793	35.062 #
27)	L6 AR-1254-2	6.959	0.000	1066057	0	3.652	N.D. #
28)	L6 AR-1254-3	7.348	6.427	18426291	79600024	58.509	77.359 #
29)	L6 AR-1254-4	7.614	6.654	34836878	66151879	148.638	86.747 #
30)	L6 AR-1254-5	8.036	7.073	20010346	19648693	79.589	21.315 #
31)	L7 AR-1260-1	7.495	6.563	10011346	46106420	48.153	76.071 #
32)	L7 AR-1260-2	7.751	6.726	28263027	55538916	115.603	64.230 #
33)	L7 AR-1260-3	8.110	6.901	13190943	29115282	72.972	40.997 #
34)	L7 AR-1260-4	8.347	7.371	16162666	5613454	77.448	9.615 #
35)	L7 AR-1260-5	8.685	7.611	13513998	25364931	32.595	15.722 #
36)	L8 AR-1262-1	8.110	7.109	13190943	10724159	44.702	24.684 #
37)	L8 AR-1262-2	8.685	7.611	13513998	25364931	24.266	12.137 #
38)	L8 AR-1262-3	9.037	7.929	12317709	178.3E6	34.469	212.600 #
39)	L8 AR-1262-4	9.097	7.929	2405281	178.3E6	17.751	126.396 #
40)	L8 AR-1262-5	9.815	8.474	2936963	7695409	16.035	11.825 #
41)	L9 AR-1268-1	9.037	7.929	12317709	178.3E6	19.411	73.429 #
42)	L9 AR-1268-2	9.097	7.929	2405281	178.3E6	4.178	82.994 #
44)	L9 AR-1268-4	9.815	8.474	2936963	7695409	14.312	10.615 #
45)	L9 AR-1268-5	10.259	0.000	1558589	0	0.996	N.D. #

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

Instrument :

ECD_R

ClientSampleId :

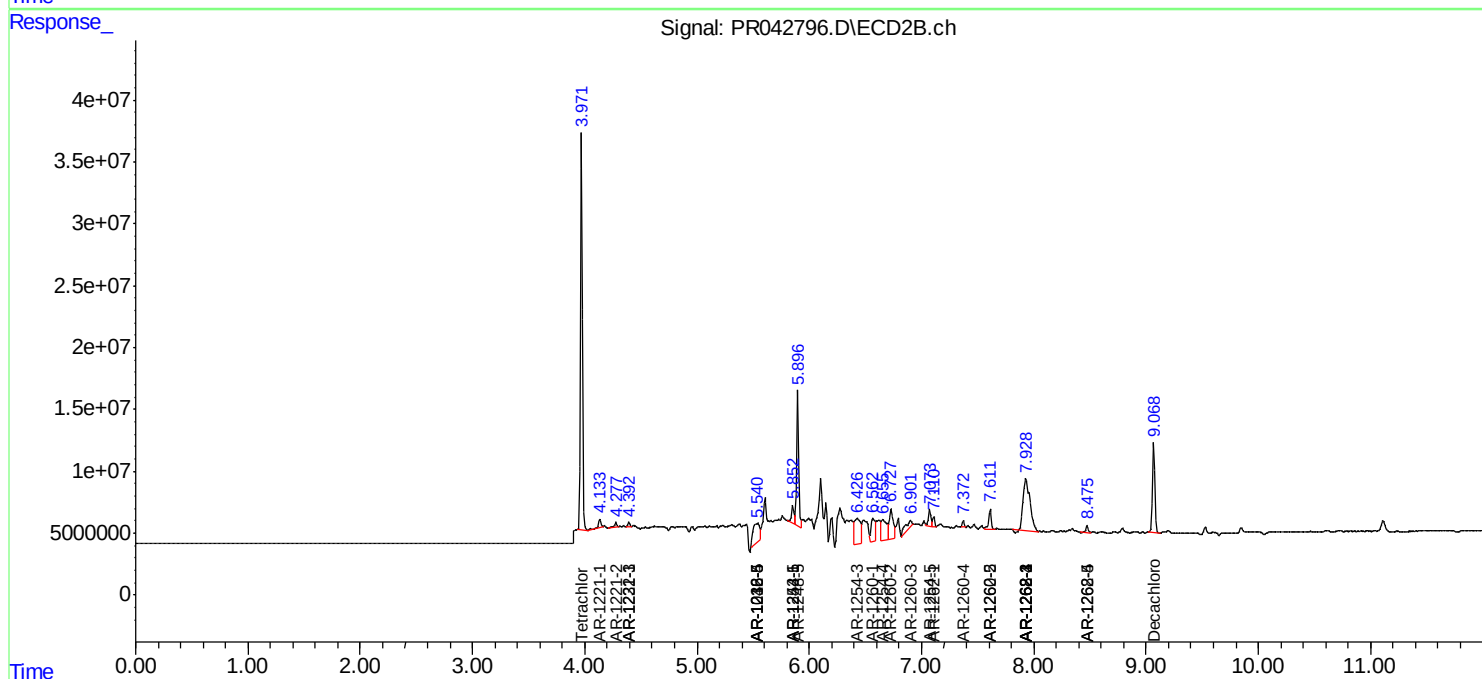
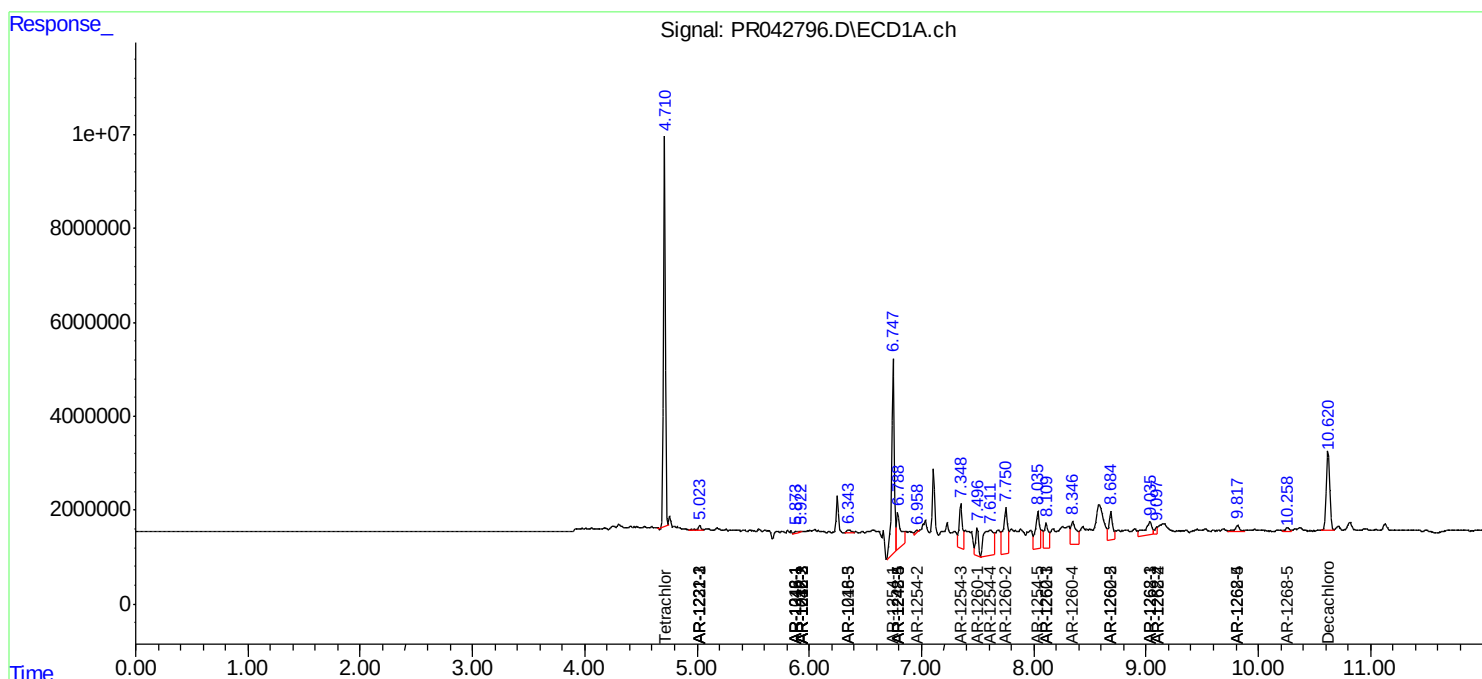
S1-01-ARE

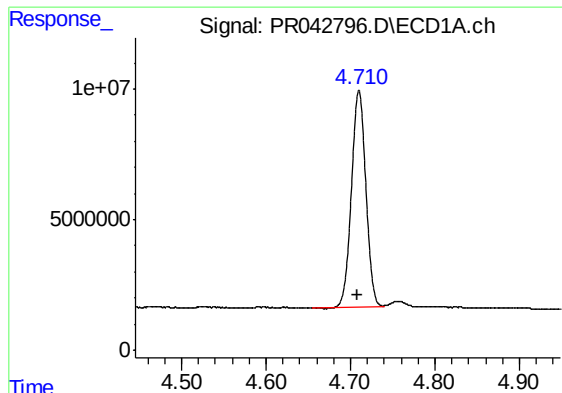
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110419\
Data File : PR042796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 10:27
Operator : SM\AJ
Sample : K5642-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :
S1-01-ARE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:12:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 01 09:55:27 2019
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

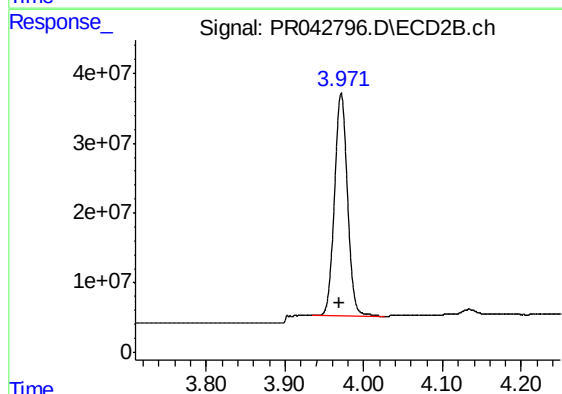




#1 Tetrachloro-m-xylene

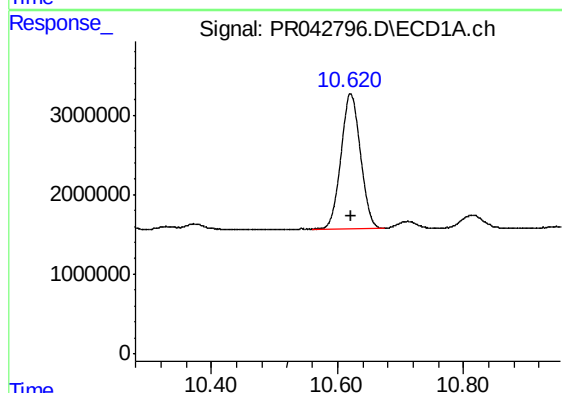
R.T.: 4.710 min
Delta R.T.: 0.001 min
Response: 97387892
Conc: 16.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



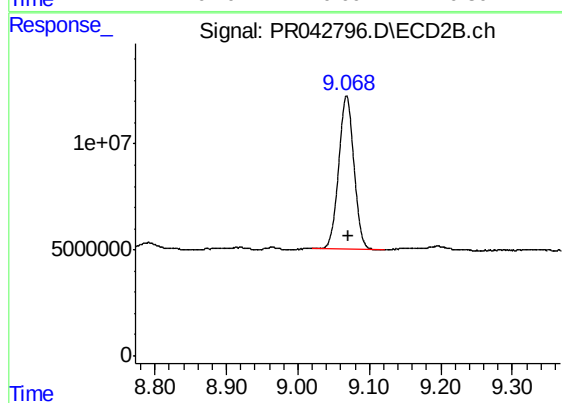
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 366033510
Conc: 18.26 ng/ml



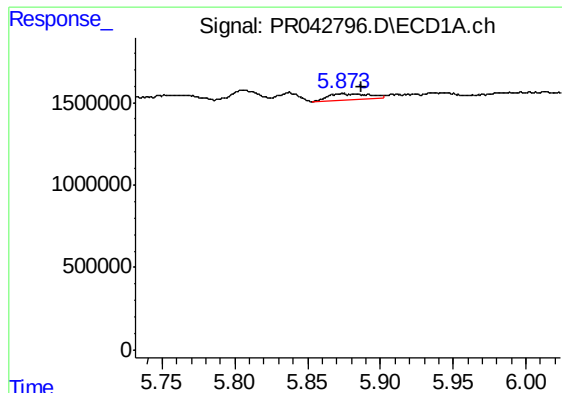
#2 Decachlorobiphenyl

R.T.: 10.621 min
Delta R.T.: -0.001 min
Response: 36464410
Conc: 9.11 ng/ml



#2 Decachlorobiphenyl

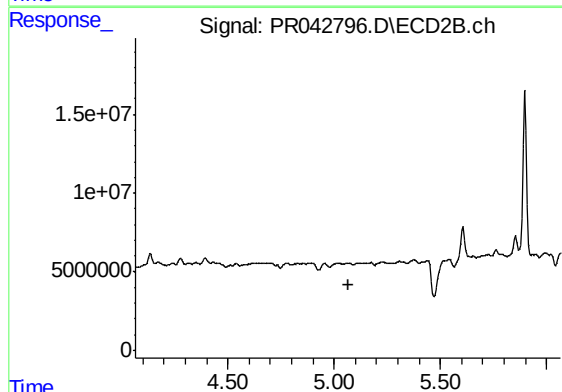
R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 106845023
Conc: 8.50 ng/ml



#3 AR-1016-1

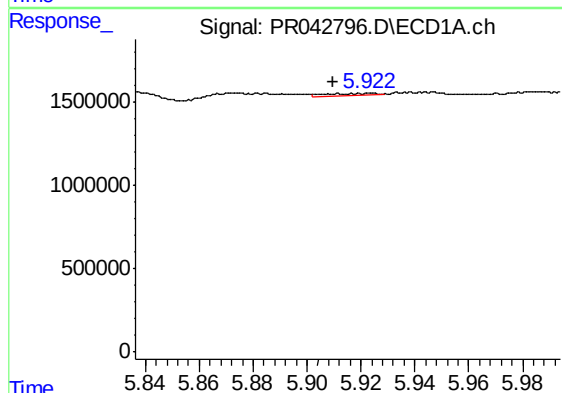
R.T.: 5.874 min
Delta R.T.: -0.013 min
Response: 757744
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



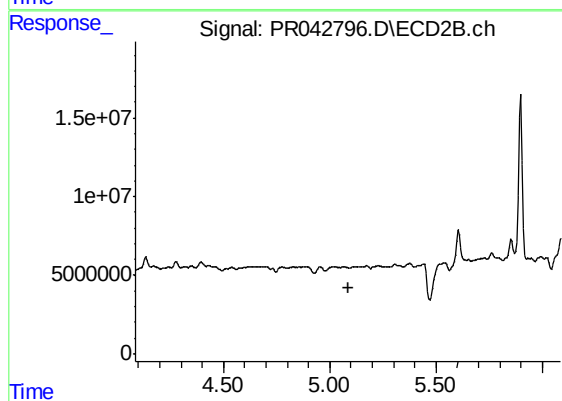
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



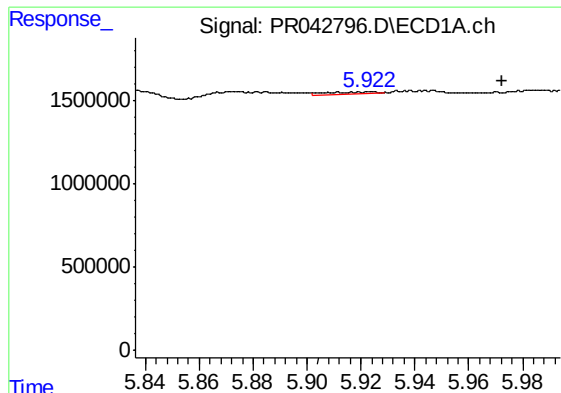
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.014 min
Response: 147567
Conc: 0.59 ng/ml



#4 AR-1016-2

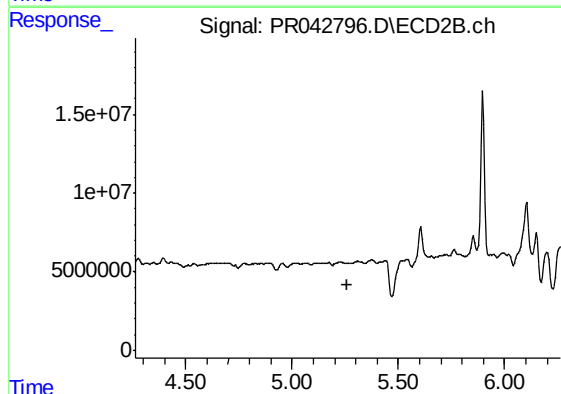
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#5 AR-1016-3

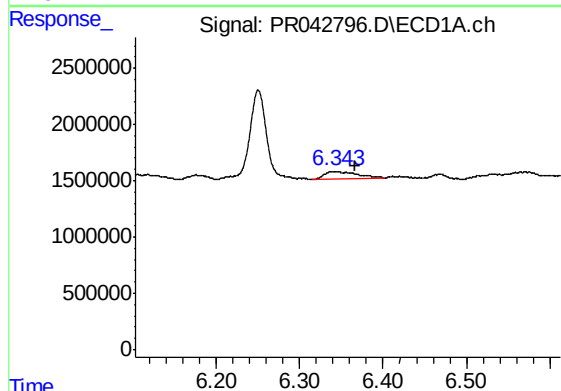
R.T.: 5.924 min
Delta R.T.: -0.049 min
Response: 147567
Conc: 0.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



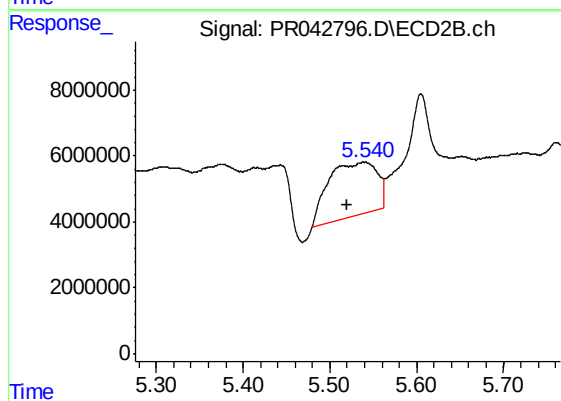
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



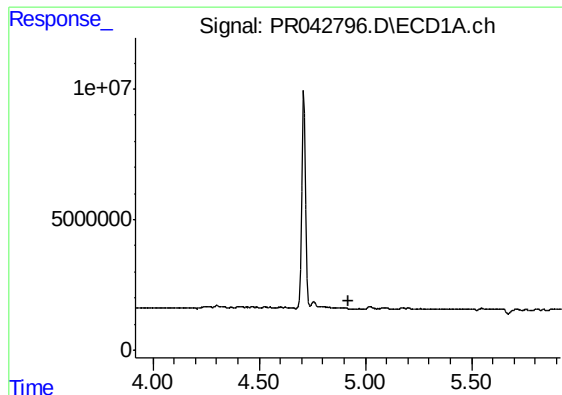
#7 AR-1016-5

R.T.: 6.338 min
Delta R.T.: -0.029 min
Response: 1882528
Conc: 15.20 ng/ml



#7 AR-1016-5

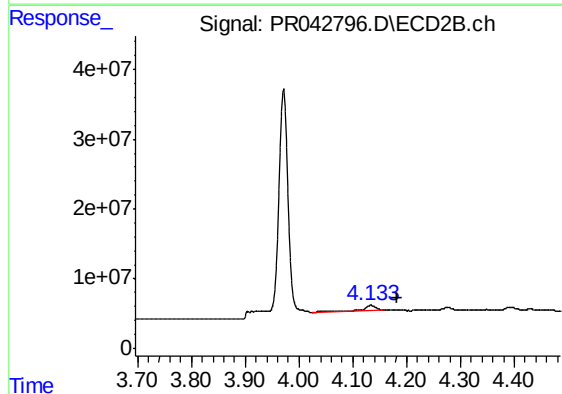
R.T.: 5.539 min
Delta R.T.: 0.020 min
Response: 62161229
Conc: 202.60 ng/ml



#8 AR-1221-1

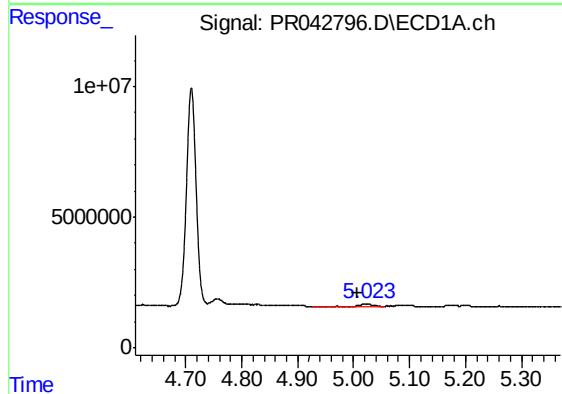
R.T.: 0.000 min
Exp R.T.: 4.918 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



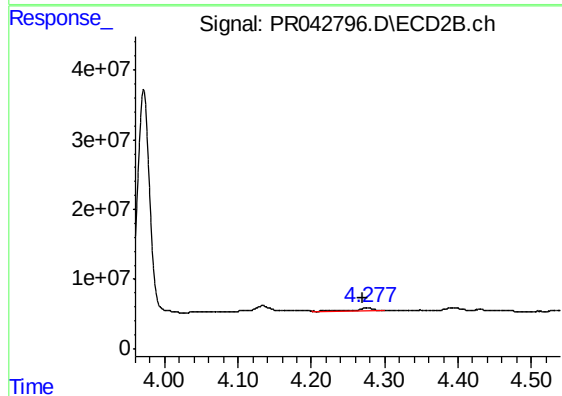
#8 AR-1221-1

R.T.: 4.134 min
Delta R.T.: -0.049 min
Response: 10593187
Conc: 58.55 ng/ml



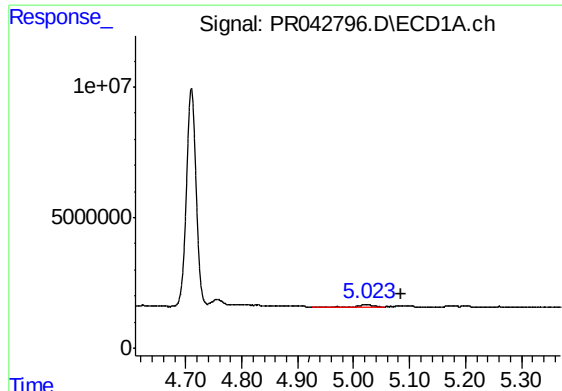
#9 AR-1221-2

R.T.: 5.022 min
Delta R.T.: 0.016 min
Response: 1707834
Conc: 45.91 ng/ml



#9 AR-1221-2

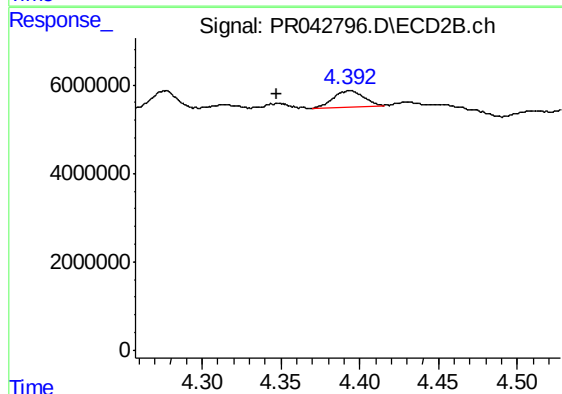
R.T.: 4.277 min
Delta R.T.: 0.006 min
Response: 6437858
Conc: 48.68 ng/ml



#10 AR-1221-3

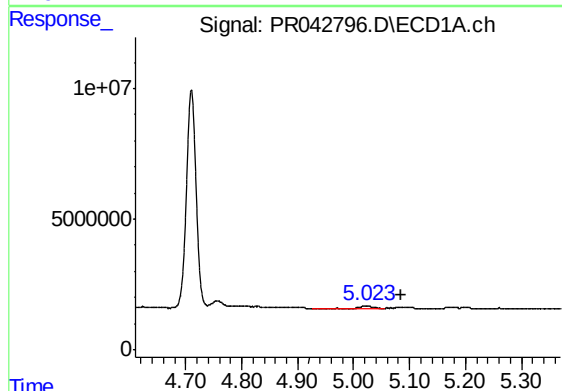
R.T.: 5.022 min
Delta R.T.: -0.062 min
Response: 1707834
Conc: 14.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



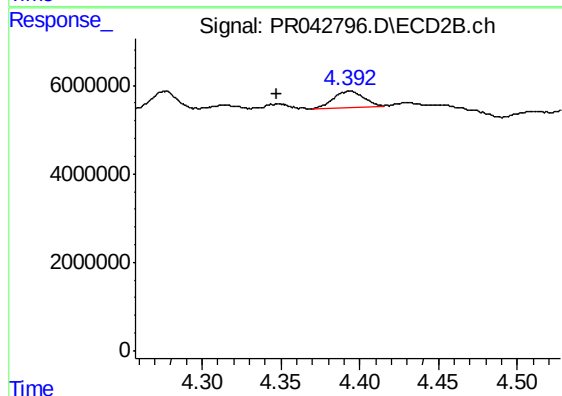
#10 AR-1221-3

R.T.: 4.394 min
Delta R.T.: 0.046 min
Response: 4920438
Conc: 11.90 ng/ml



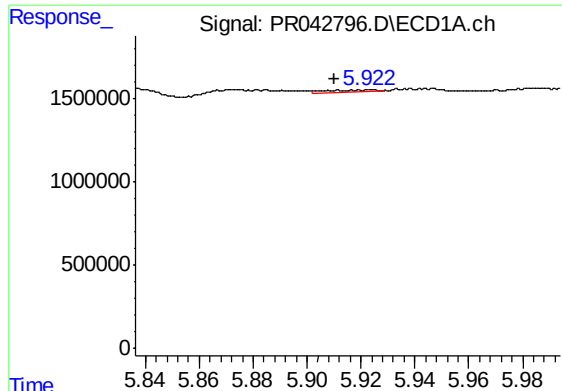
#11 AR-1232-1

R.T.: 5.022 min
Delta R.T.: -0.062 min
Response: 1707834
Conc: 10.69 ng/ml



#11 AR-1232-1

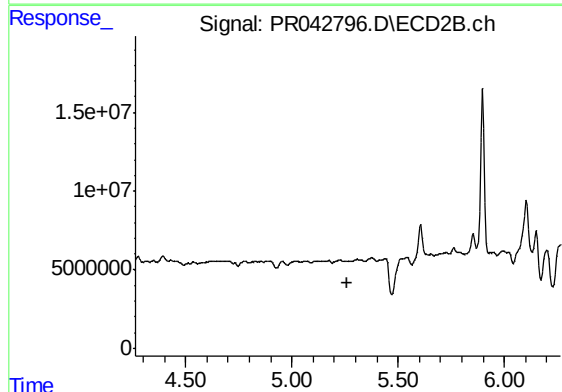
R.T.: 4.394 min
Delta R.T.: 0.046 min
Response: 4920438
Conc: 8.52 ng/ml



#13 AR-1232-3

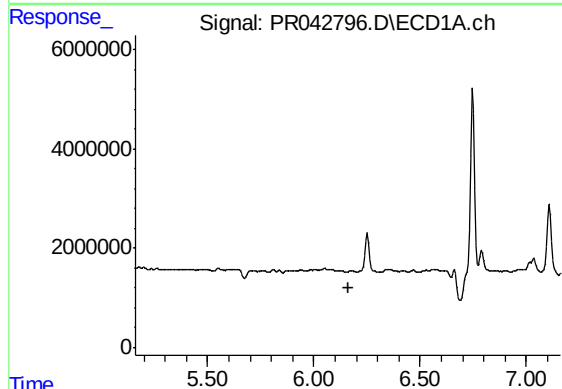
R.T.: 5.924 min
Delta R.T.: 0.013 min
Response: 147567
Conc: 0.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



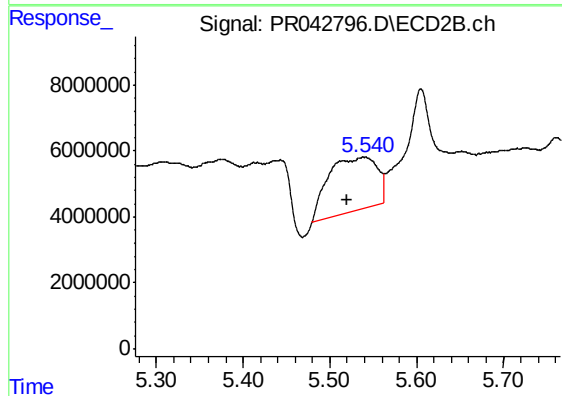
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



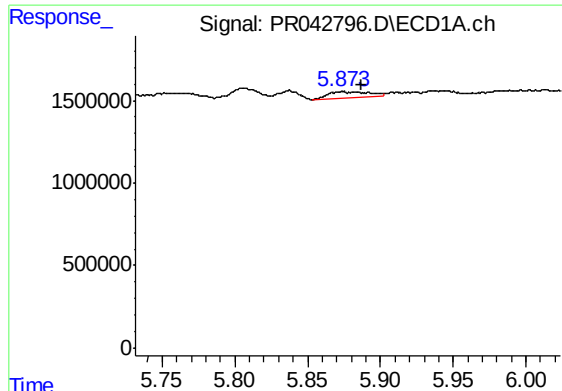
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.160 min
Response: 0
Conc: N.D.



#15 AR-1232-5

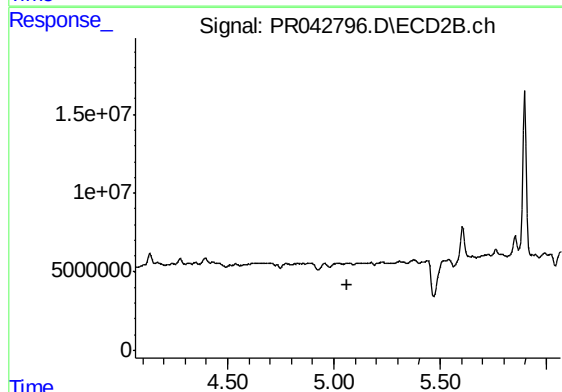
R.T.: 5.539 min
Delta R.T.: 0.019 min
Response: 62161229
Conc: 306.17 ng/ml



#16 AR-1242-1

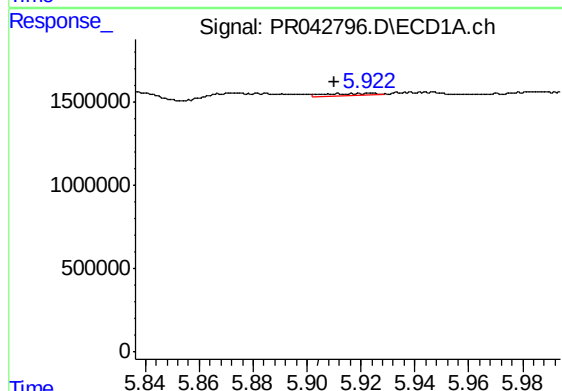
R.T.: 5.874 min
Delta R.T.: -0.013 min
Response: 757744
Conc: 5.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



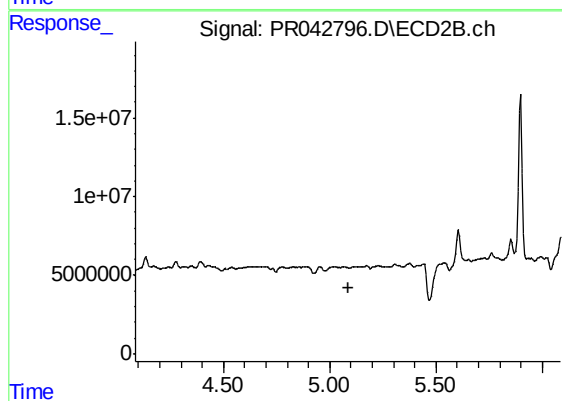
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



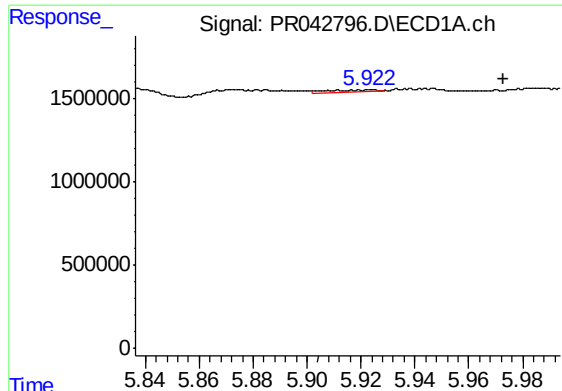
#17 AR-1242-2

R.T.: 5.924 min
Delta R.T.: 0.014 min
Response: 147567
Conc: 0.82 ng/ml



#17 AR-1242-2

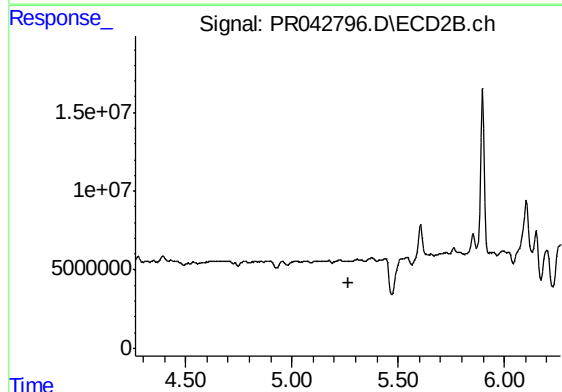
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



#18 AR-1242-3

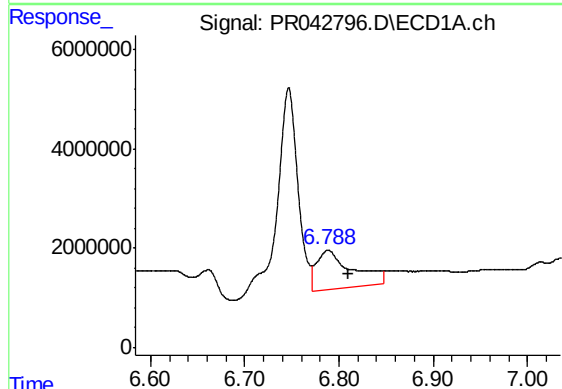
R.T.: 5.924 min
Delta R.T.: -0.049 min
Response: 147567
Conc: 1.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



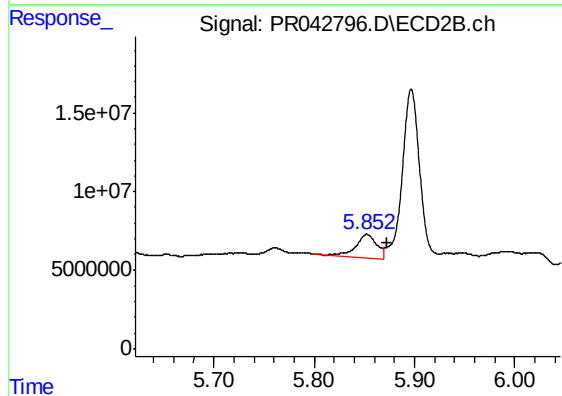
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



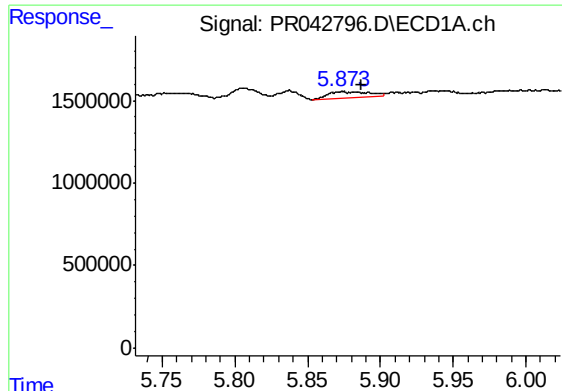
#20 AR-1242-5

R.T.: 6.788 min
Delta R.T.: -0.022 min
Response: 20581105
Conc: 205.88 ng/ml



#20 AR-1242-5

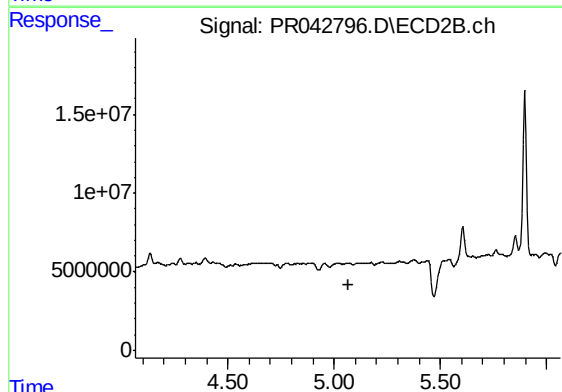
R.T.: 5.853 min
Delta R.T.: -0.020 min
Response: 22095537
Conc: 74.92 ng/ml



#21 AR-1248-1

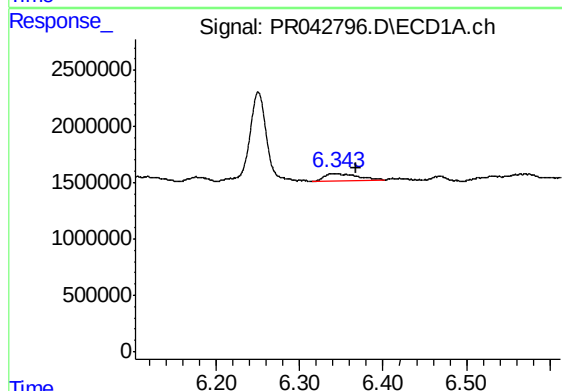
R.T.: 5.874 min
Delta R.T.: -0.013 min
Response: 757744
Conc: 7.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



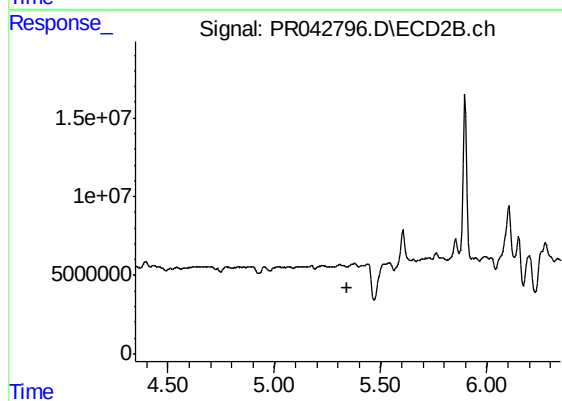
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.065 min
Response: 0
Conc: N.D.



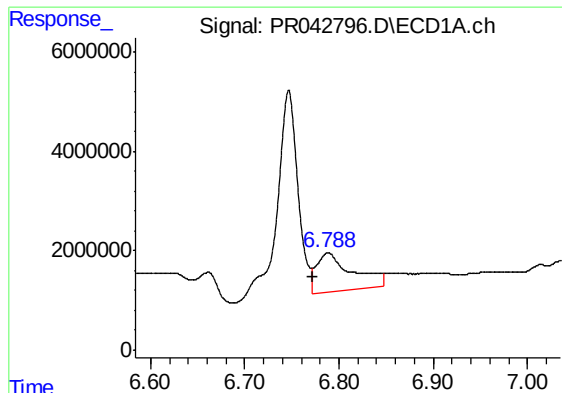
#23 AR-1248-3

R.T.: 6.338 min
Delta R.T.: -0.029 min
Response: 1882528
Conc: 12.71 ng/ml



#23 AR-1248-3

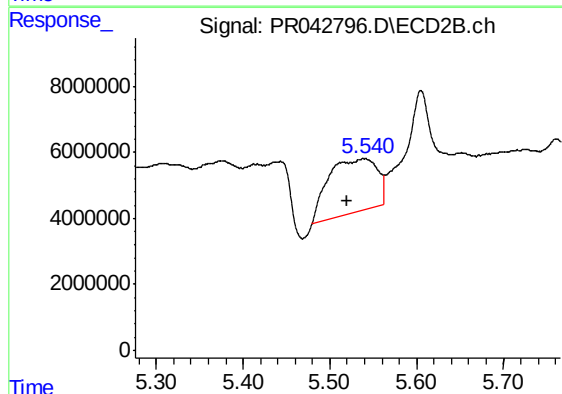
R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



#24 AR-1248-4

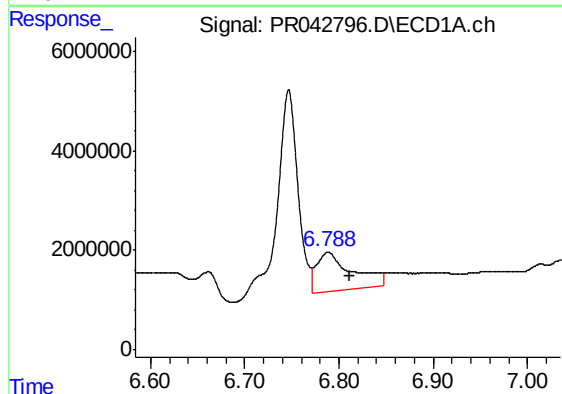
R.T.: 6.788 min
Delta R.T.: 0.017 min
Response: 20581105
Conc: 120.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



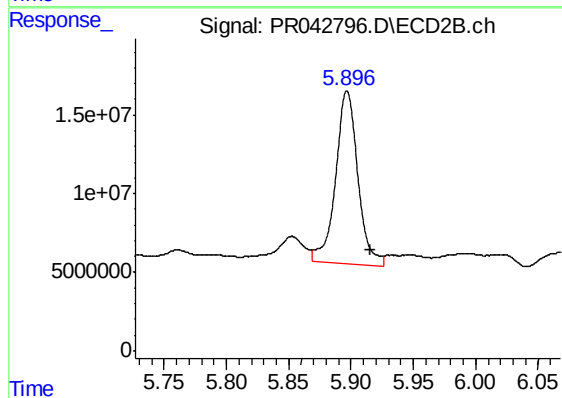
#24 AR-1248-4

R.T.: 5.539 min
Delta R.T.: 0.020 min
Response: 62161229
Conc: 173.24 ng/ml



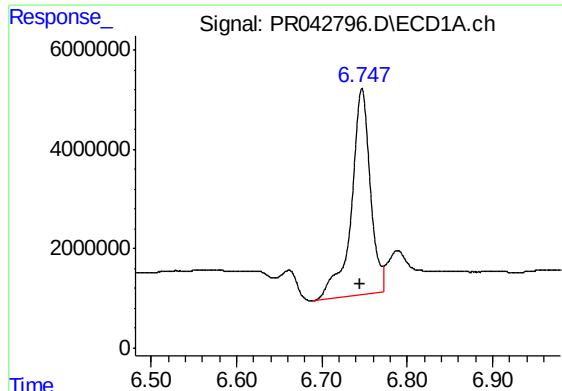
#25 AR-1248-5

R.T.: 6.788 min
Delta R.T.: -0.023 min
Response: 20581105
Conc: 126.91 ng/ml



#25 AR-1248-5

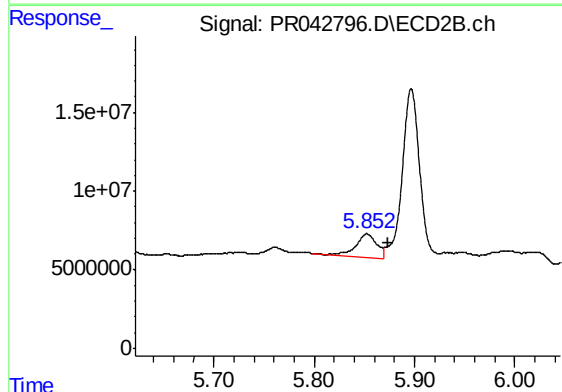
R.T.: 5.897 min
Delta R.T.: -0.018 min
Response: 136874380
Conc: 353.09 ng/ml



#26 AR-1254-1

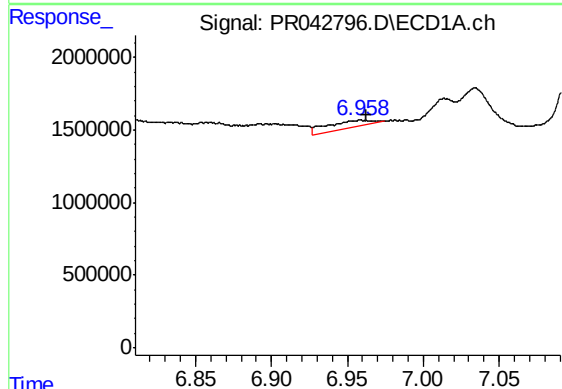
R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 64174389
Conc: 343.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



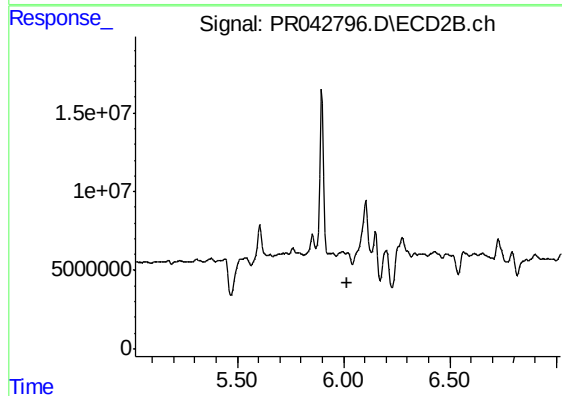
#26 AR-1254-1

R.T.: 5.853 min
Delta R.T.: -0.021 min
Response: 22095537
Conc: 35.06 ng/ml



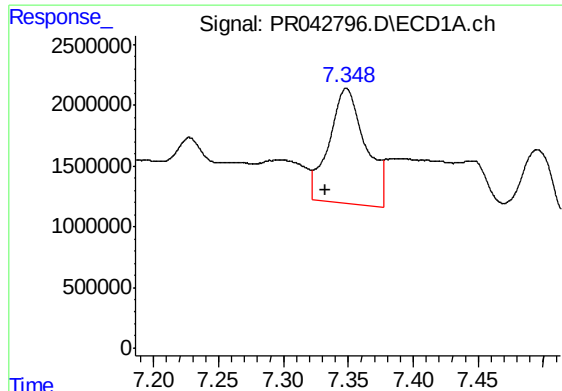
#27 AR-1254-2

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 1066057
Conc: 3.65 ng/ml



#27 AR-1254-2

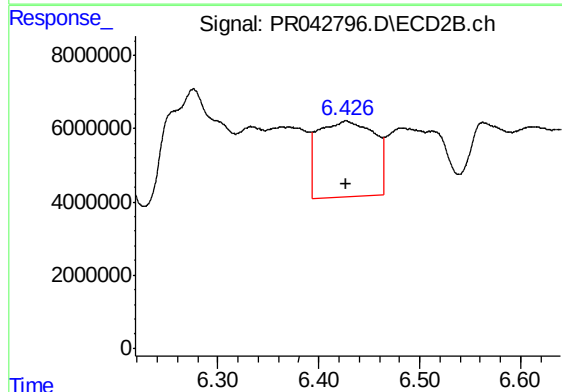
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#28 AR-1254-3

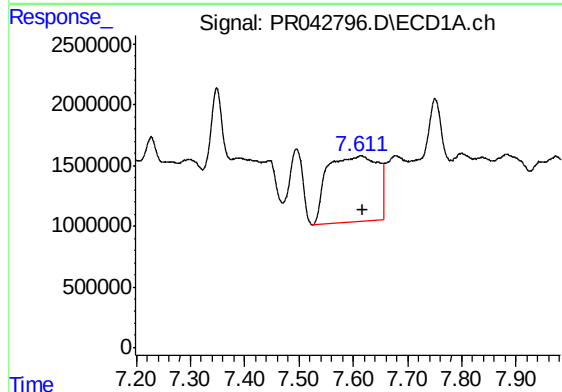
R.T.: 7.348 min
Delta R.T.: 0.016 min
Response: 18426291
Conc: 58.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



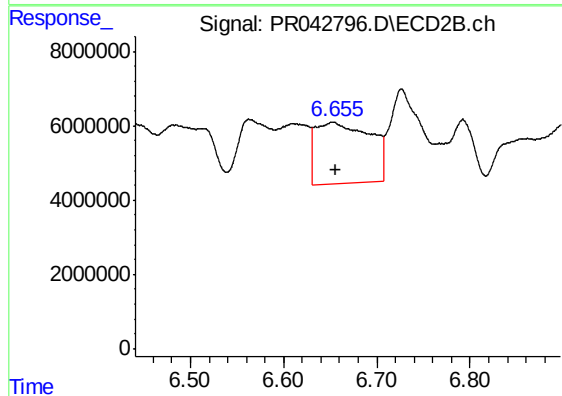
#28 AR-1254-3

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 79600024
Conc: 77.36 ng/ml



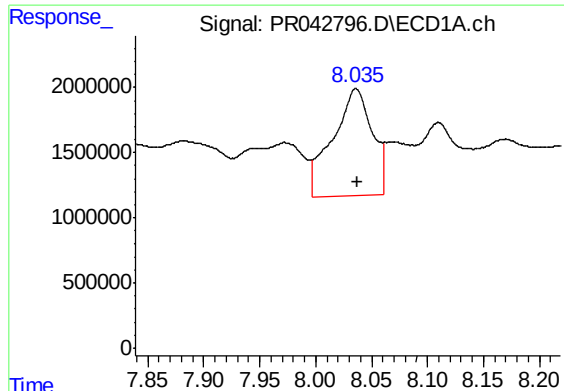
#29 AR-1254-4

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 34836878
Conc: 148.64 ng/ml



#29 AR-1254-4

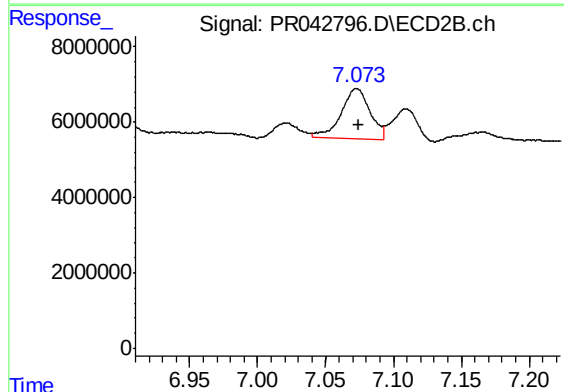
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 66151879
Conc: 86.75 ng/ml



#30 AR-1254-5

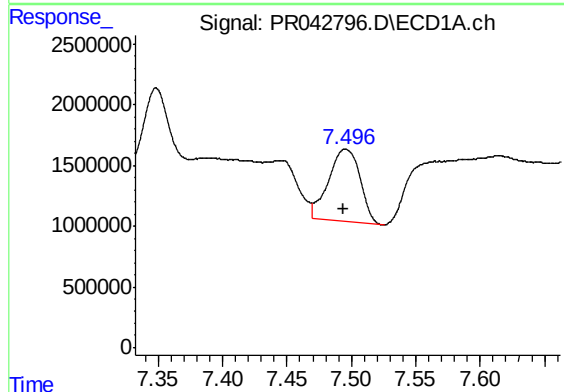
R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 20010346
Conc: 79.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



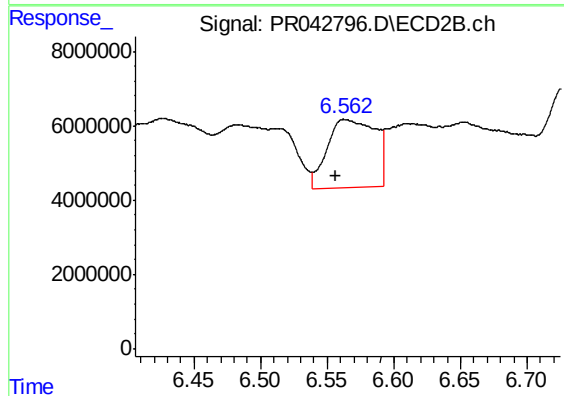
#30 AR-1254-5

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 19648693
Conc: 21.32 ng/ml



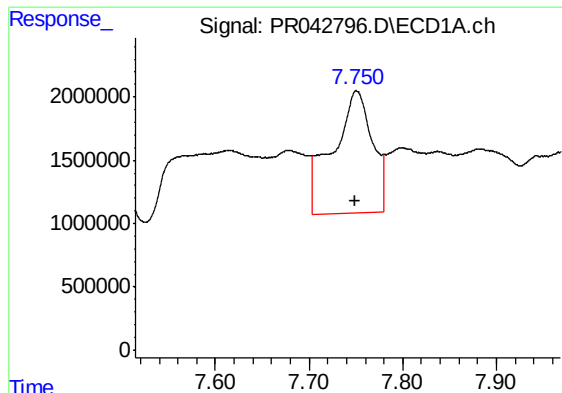
#31 AR-1260-1

R.T.: 7.495 min
Delta R.T.: 0.001 min
Response: 10011346
Conc: 48.15 ng/ml



#31 AR-1260-1

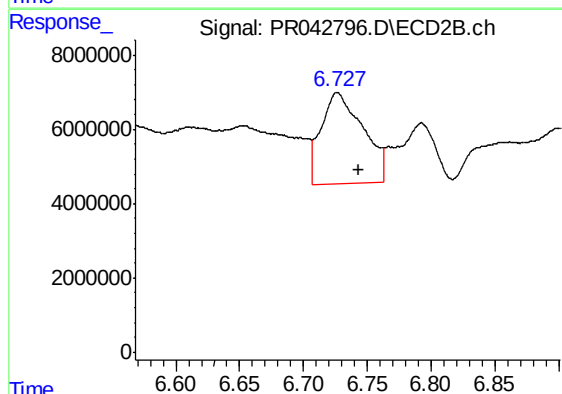
R.T.: 6.563 min
Delta R.T.: 0.007 min
Response: 46106420
Conc: 76.07 ng/ml



#32 AR-1260-2

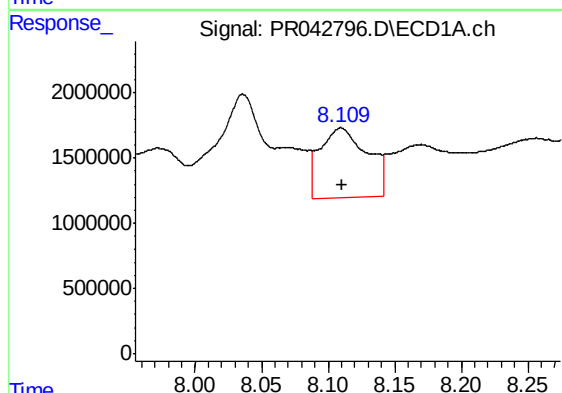
R.T.: 7.751 min
Delta R.T.: 0.001 min
Response: 28263027
Conc: 115.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



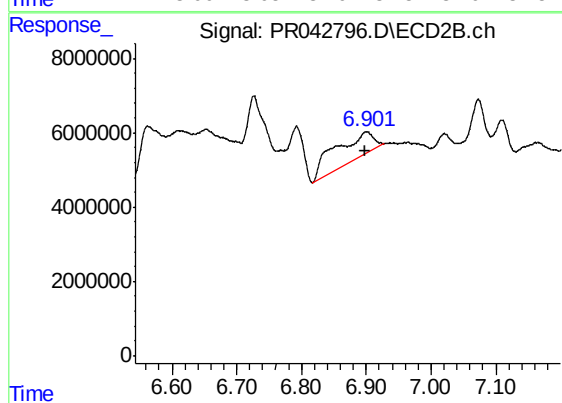
#32 AR-1260-2

R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 55538916
Conc: 64.23 ng/ml



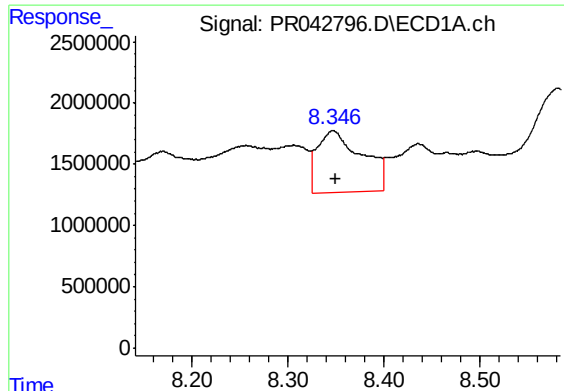
#33 AR-1260-3

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 13190943
Conc: 72.97 ng/ml



#33 AR-1260-3

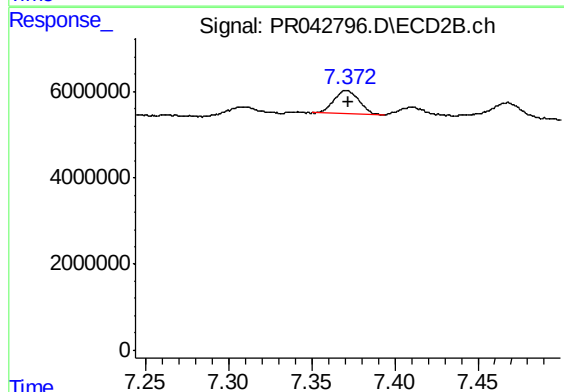
R.T.: 6.901 min
Delta R.T.: 0.001 min
Response: 29115282
Conc: 41.00 ng/ml



#34 AR-1260-4

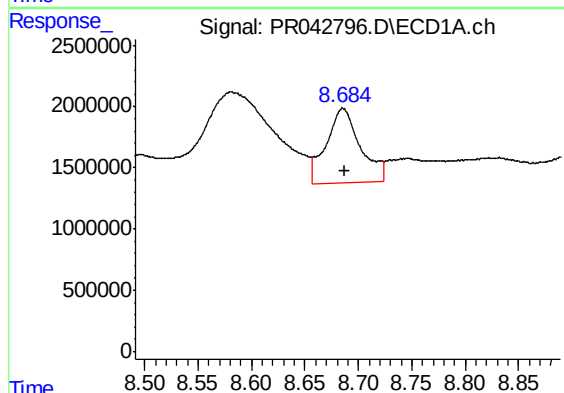
R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 16162666
Conc: 77.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



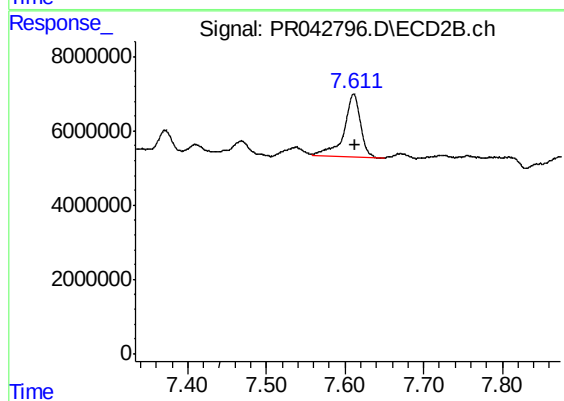
#34 AR-1260-4

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 5613454
Conc: 9.61 ng/ml



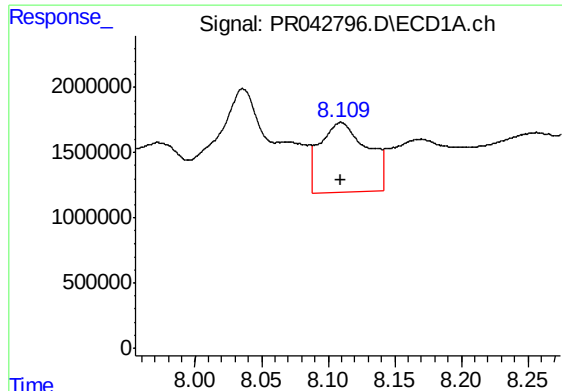
#35 AR-1260-5

R.T.: 8.685 min
Delta R.T.: -0.001 min
Response: 13513998
Conc: 32.60 ng/ml



#35 AR-1260-5

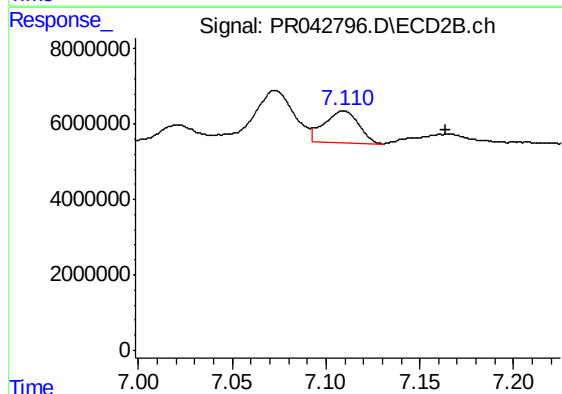
R.T.: 7.611 min
Delta R.T.: -0.001 min
Response: 25364931
Conc: 15.72 ng/ml



#36 AR-1262-1

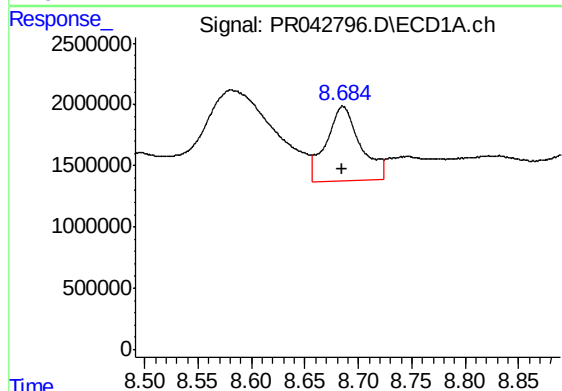
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 13190943
Conc: 44.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



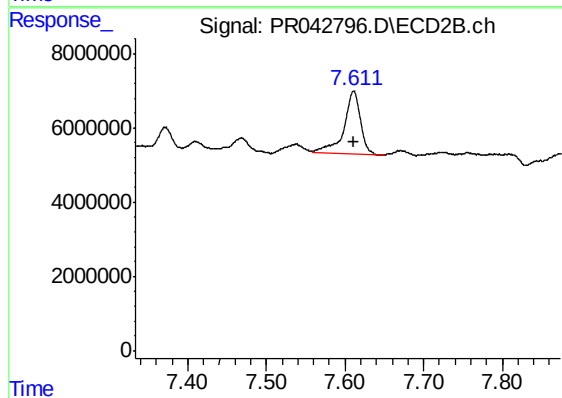
#36 AR-1262-1

R.T.: 7.109 min
Delta R.T.: -0.054 min
Response: 10724159
Conc: 24.68 ng/ml



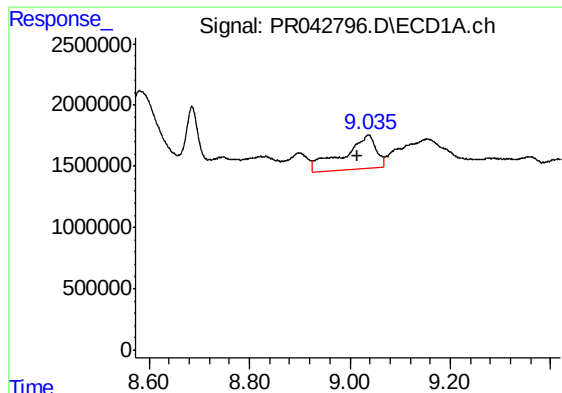
#37 AR-1262-2

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 13513998
Conc: 24.27 ng/ml



#37 AR-1262-2

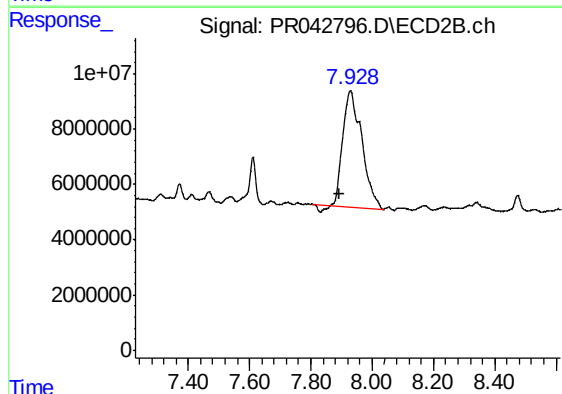
R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 25364931
Conc: 12.14 ng/ml



#38 AR-1262-3

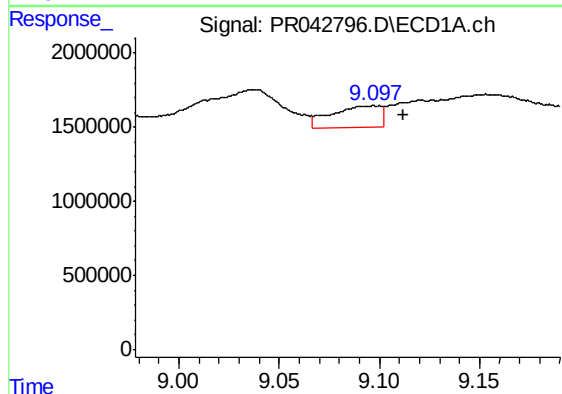
R.T.: 9.037 min
Delta R.T.: 0.021 min
Response: 12317709
Conc: 34.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



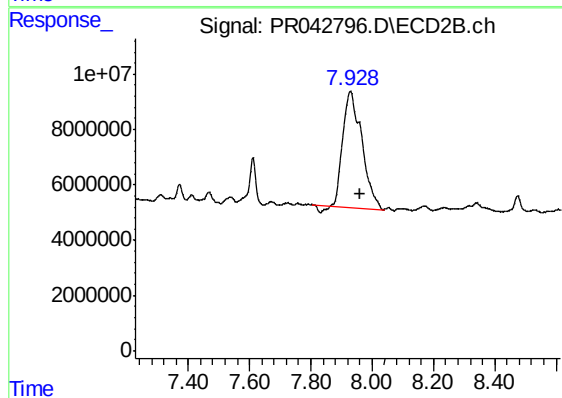
#38 AR-1262-3

R.T.: 7.929 min
Delta R.T.: 0.033 min
Response: 178303678
Conc: 212.60 ng/ml



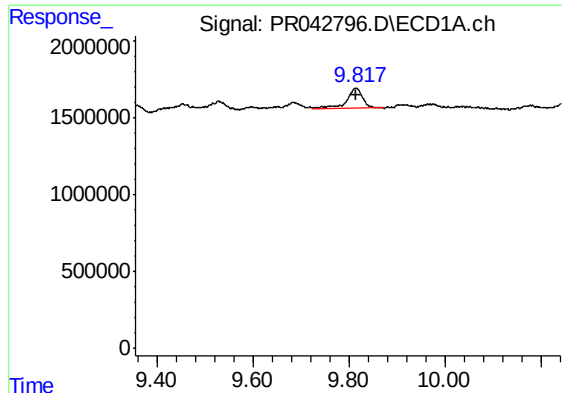
#39 AR-1262-4

R.T.: 9.097 min
Delta R.T.: -0.015 min
Response: 2405281
Conc: 17.75 ng/ml



#39 AR-1262-4

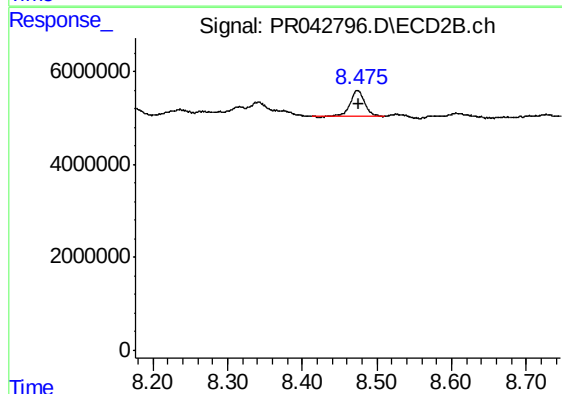
R.T.: 7.929 min
Delta R.T.: -0.031 min
Response: 178303678
Conc: 126.40 ng/ml



#40 AR-1262-5

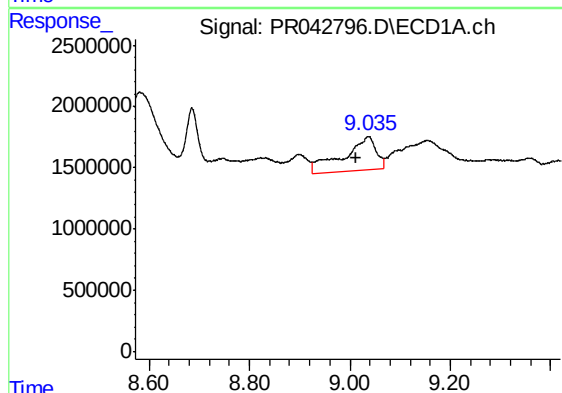
R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 2936963
Conc: 16.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



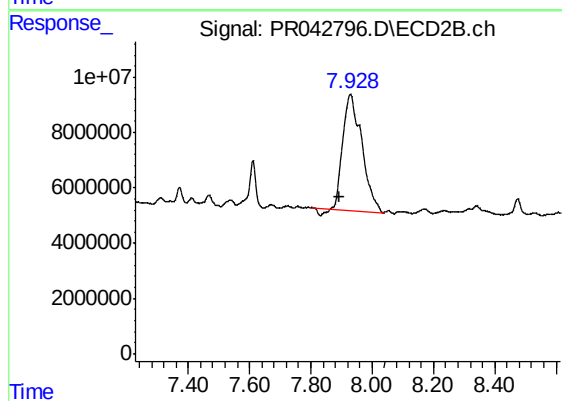
#40 AR-1262-5

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 7695409
Conc: 11.82 ng/ml



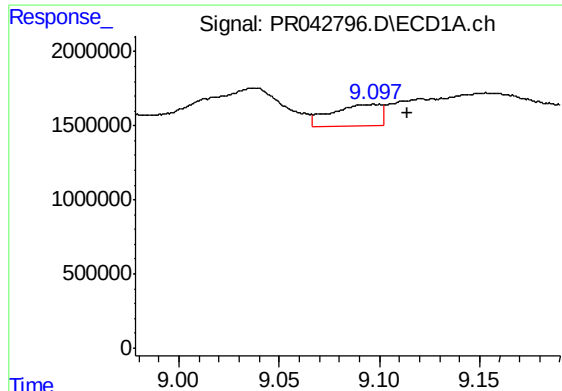
#41 AR-1268-1

R.T.: 9.037 min
Delta R.T.: 0.024 min
Response: 12317709
Conc: 19.41 ng/ml



#41 AR-1268-1

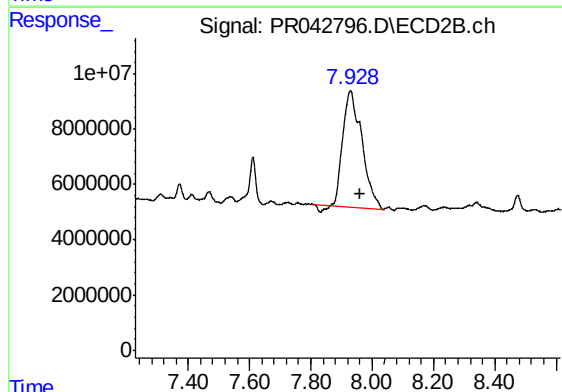
R.T.: 7.929 min
Delta R.T.: 0.034 min
Response: 178303678
Conc: 73.43 ng/ml



#42 AR-1268-2

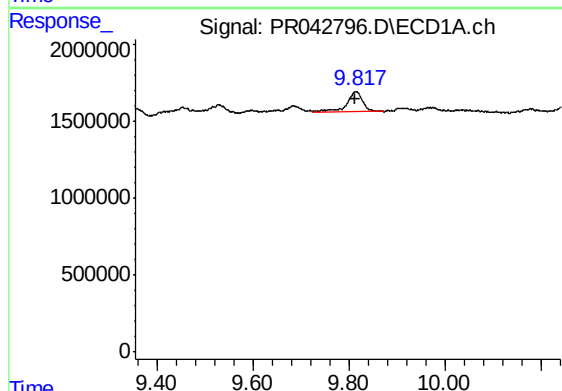
R.T.: 9.097 min
Delta R.T.: -0.017 min
Response: 2405281
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



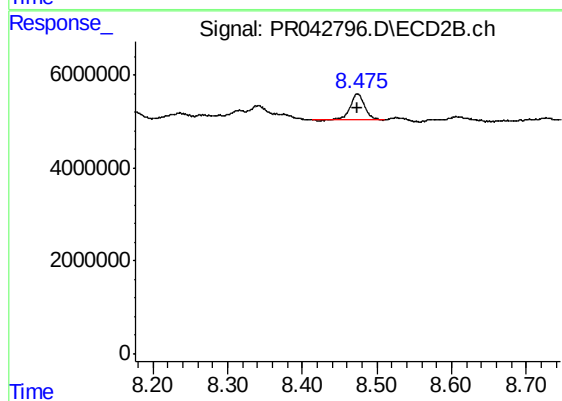
#42 AR-1268-2

R.T.: 7.929 min
Delta R.T.: -0.031 min
Response: 178303678
Conc: 82.99 ng/ml



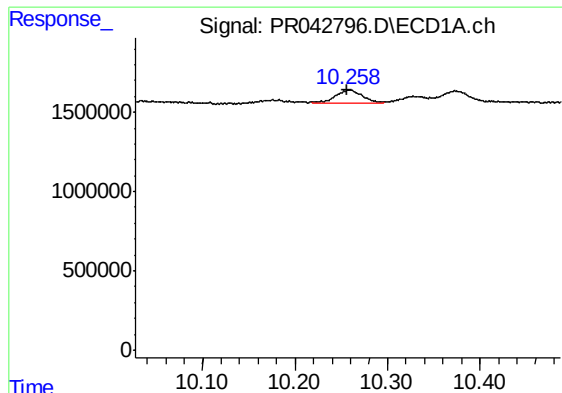
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: 0.002 min
Response: 2936963
Conc: 14.31 ng/ml



#44 AR-1268-4

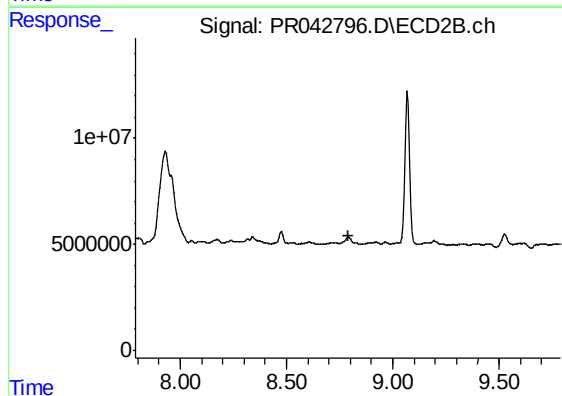
R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 7695409
Conc: 10.61 ng/ml



#45 AR-1268-5

R.T.: 10.259 min
Delta R.T.: 0.003 min
Response: 1558589
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
S1-01-ARE



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.789 min
Response: 0
Conc: N.D.