

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090418\
 Data File : PR031766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2018 20:25
 Operator : SM\SJ
 Sample : J4788-01 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 08:09:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 2018
 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...	4.524	3.657	21279509	35494035	1.561	1.428
2) SA Decachlor...	10.275	8.524	43328950	88430862	1.745	5.545 #
Target Compounds						
3) L1 AR-1016-1	5.198	4.313	97091808	127.9E6	259.877	162.906 #
4) L1 AR-1016-2	5.431	4.708	23959198	43968105	64.255	38.891 #
5) L1 AR-1016-3	5.724	4.745	13377853	12352176	21.858	6.527 #
6) L1 AR-1016-4	5.768	4.794	13447512	19193628	25.919	16.433 #
7) L1 AR-1016-5	6.148	5.149	40925893	13719077	92.422	12.633 #
8) L2 AR-1221-1	4.775	3.869	19326745	28457639	118.512	88.507 #
9) L2 AR-1221-2	4.826	3.897	23504556	272.9E6	190.153	1084.615 #
10) L2 AR-1221-3	4.859	0.000	53017850	0	137.695	N.D. #
11) L3 AR-1232-1	5.724	4.508	13377853	171.0E6	36.599	486.804 #
12) L3 AR-1232-2	5.898	4.618	13612857	83541402	80.476	724.095 #
13) L3 AR-1232-3	6.016	4.980	1924607	56918223	40.959	150.781 #
14) L3 AR-1232-4	6.362	5.312	38092511	42793179	785.724	91.996 #
15) L3 AR-1232-5	7.236	5.789	23972531	3036253	726.151	57.485 #
16) L4 AR-1242-1	5.259	4.339	34439257	162.3E6	219.254	486.251 #
17) L4 AR-1242-2	6.016	4.869	1924607	7552875	6.493	10.182 #
18) L4 AR-1242-3	6.229	5.006	37592645	11661790	241.297	45.345 #
19) L4 AR-1242-4	6.229	5.336	37592645	16413481	316.573	65.790 #
20) L4 AR-1242-5	6.288	5.738	47811917	17082859	125.041	29.446 #
21) L5 AR-1248-1	5.961	4.933	10074025	133.6E6	19.853	120.752 #
22) L5 AR-1248-2	6.521	5.429	40525924	-22504870	75.546	N.D. #
23) L5 AR-1248-3	6.567	5.548	14994674	35126980	20.574	22.043
24) L5 AR-1248-4	6.600	5.709	6525222	55169810	9.458	38.248 #
25) L5 AR-1248-5	6.798	6.008	37570176	161.3E6	79.412	154.992 #
26) L6 AR-1254-1	6.762	5.645	27008831	59437415	20.397	23.322
27) L6 AR-1254-2	7.034	0.000	12922505	0	15.557	N.D. #
28) L6 AR-1254-3	7.107	6.244	19621499	13998149	13.229	4.269 #
29) L6 AR-1254-4	7.368	6.575	75641198	22322319	63.143	14.997 #
30) L6 AR-1254-5	7.665	6.655	37907519	42504993	43.743	20.178 #
31) L7 AR-1260-1	7.317	6.145	78161083	53522159	77.859	23.573 #
32) L7 AR-1260-2	7.548	6.349	127.3E6	44751728	96.167	16.058 #
33) L7 AR-1260-3	7.793	6.532	38311104	20139881	24.819	8.973 #
34) L7 AR-1260-4	8.136	6.945	245.7E6	75442668	218.847	54.622 #
35) L7 AR-1260-5	8.439	7.170	63932672	258.7E6	24.671	87.907 #
36) L8 AR-1262-1	7.201	6.008	69157686	161.3E6	116.858	113.613
37) L8 AR-1262-2	7.950	6.729	28916628	164.6E6	49.366	153.423 #
38) L8 AR-1262-3	8.219	7.032	4802935	41621696	9.271	49.822 #
39) L8 AR-1262-4	8.852	7.451	61540944	127.9E6	40.214	110.107 #
40) L8 AR-1262-5	9.451	8.018	2845034	47058200	2.532	55.074 #
41) L9 AR-1268-1	7.870	6.684	42119565	46897525	72.678	45.227 #

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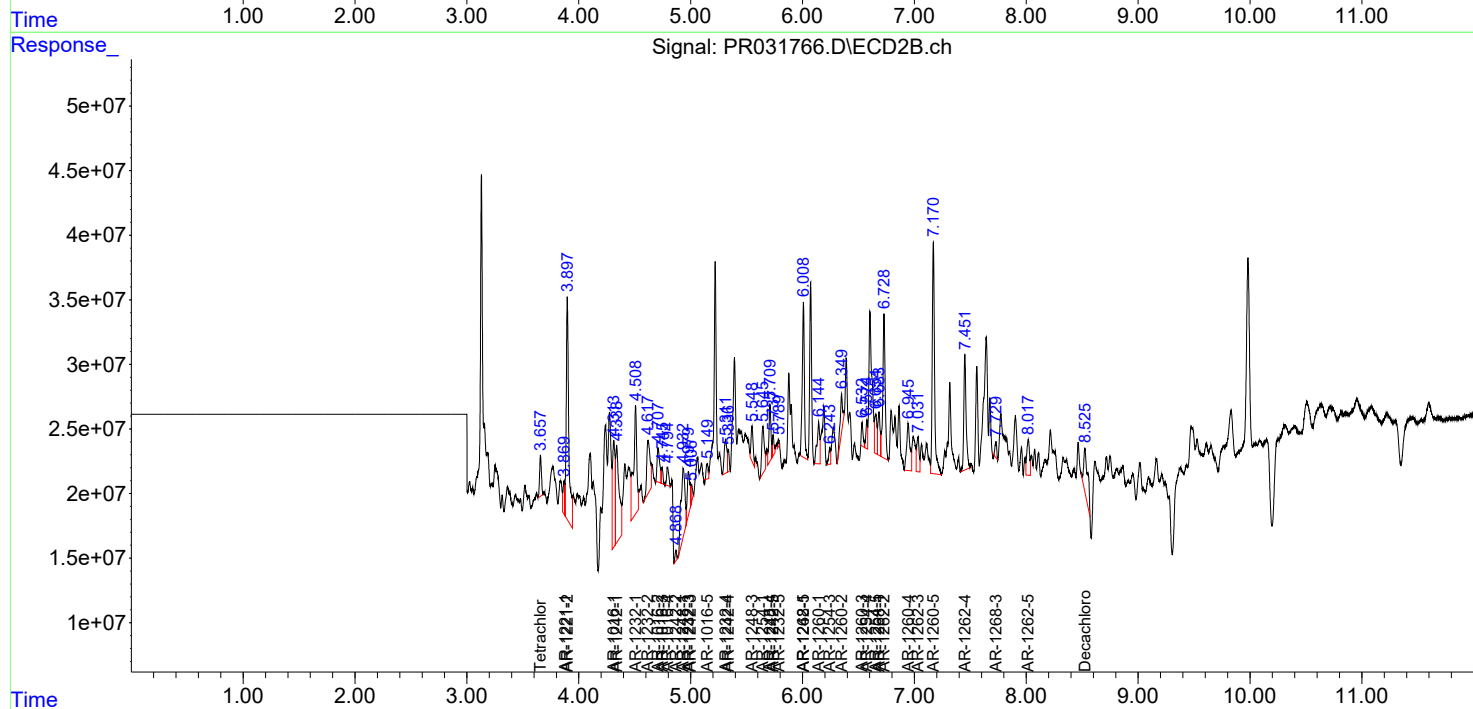
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

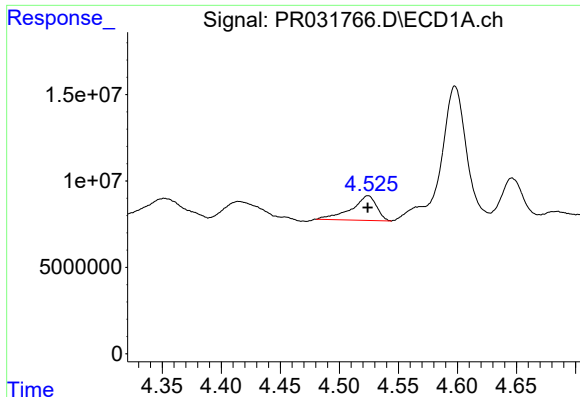
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.136	0.000	245.7E6	0	303.841	N.D. #
43) L9	AR-1268-3	8.748	7.729	43852892	12037917	11.921	5.554 #
44) L9	AR-1268-4	9.106	0.000	96025924	0	32.486	N.D. #

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

Instrument :
ECD_R
ClientSampleId :

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

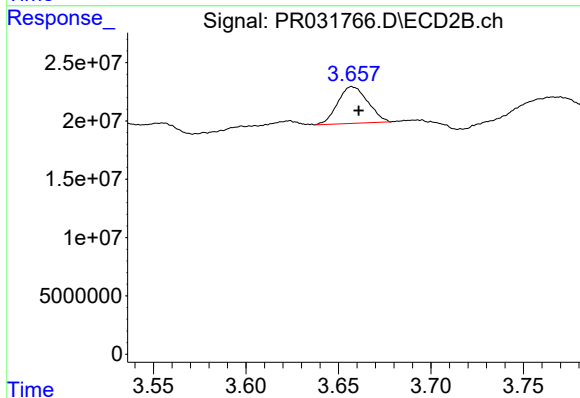




#1 Tetrachloro-m-xylene

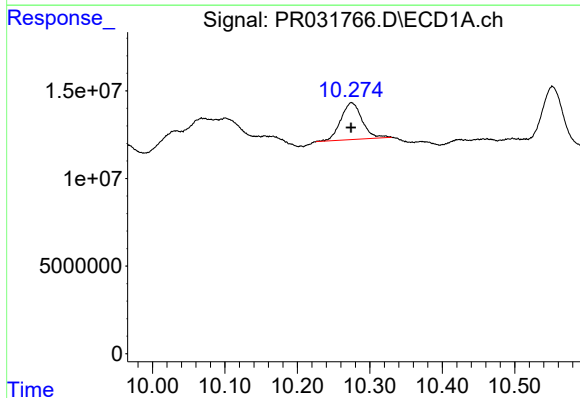
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 21279509
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



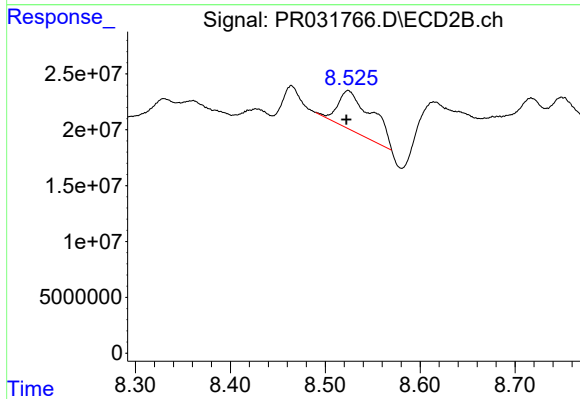
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: -0.004 min
Response: 35494035
Conc: 1.43 ng/ml



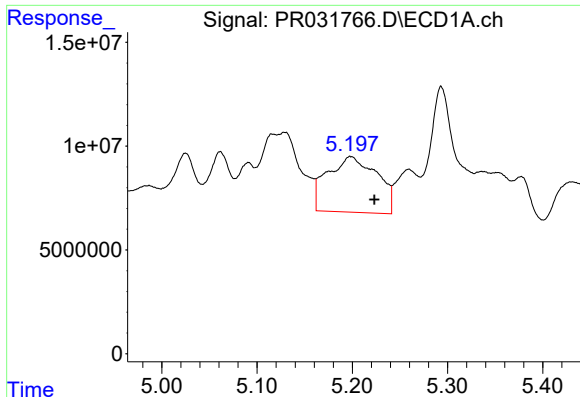
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 43328950
Conc: 1.74 ng/ml



#2 Decachlorobiphenyl

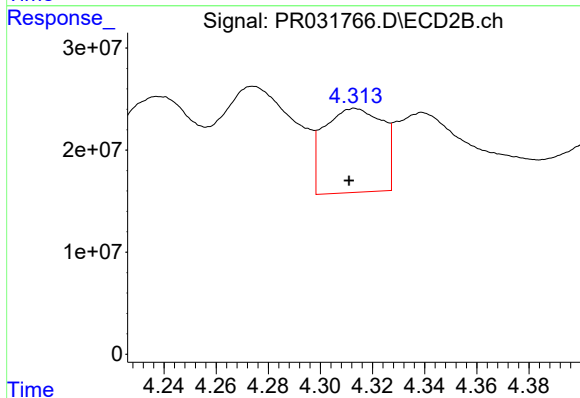
R.T.: 8.524 min
Delta R.T.: 0.002 min
Response: 88430862
Conc: 5.54 ng/ml



#3 AR-1016-1

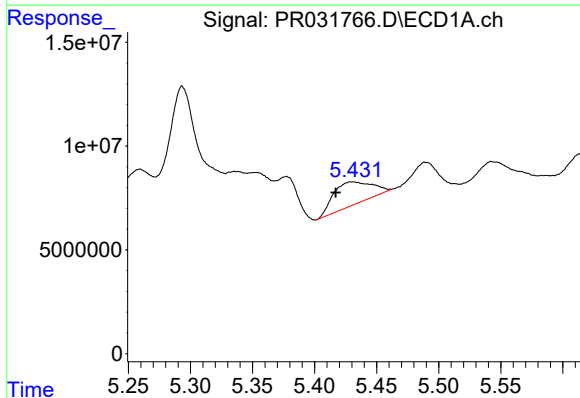
R.T.: 5.198 min
Delta R.T.: -0.025 min
Response: 97091808
Conc: 259.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



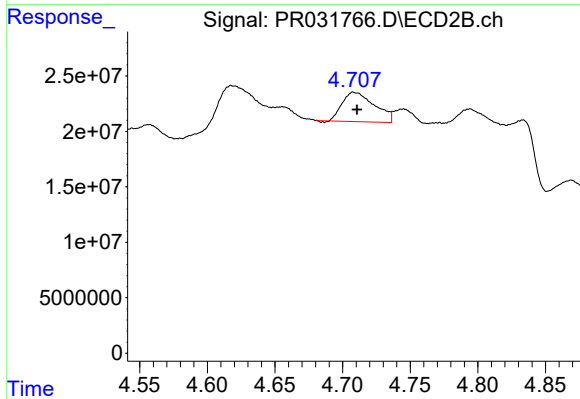
#3 AR-1016-1

R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 127914387
Conc: 162.91 ng/ml



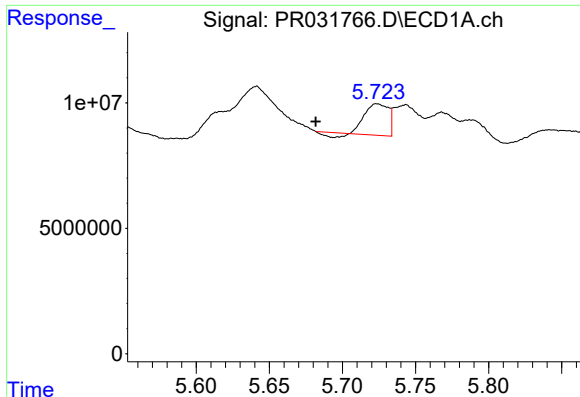
#4 AR-1016-2

R.T.: 5.431 min
Delta R.T.: 0.014 min
Response: 23959198
Conc: 64.26 ng/ml



#4 AR-1016-2

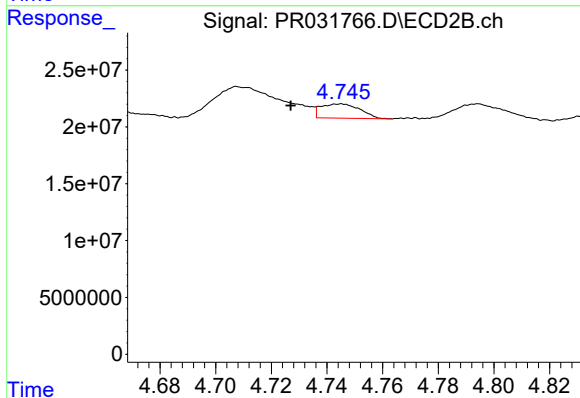
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 43968105
Conc: 38.89 ng/ml



#5 AR-1016-3

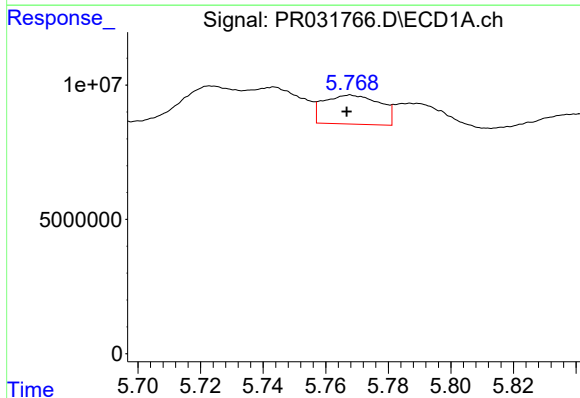
R.T.: 5.724 min
Delta R.T.: 0.042 min
Response: 13377853
Conc: 21.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



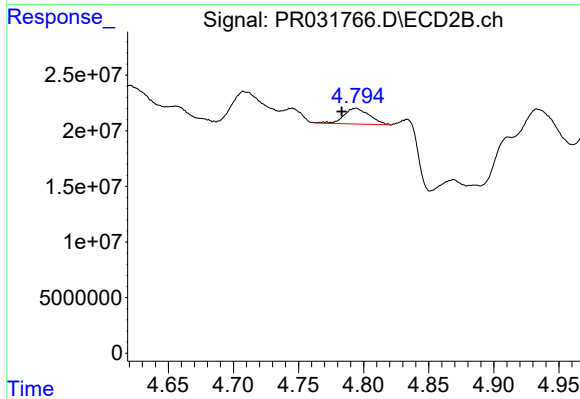
#5 AR-1016-3

R.T.: 4.745 min
Delta R.T.: 0.018 min
Response: 12352176
Conc: 6.53 ng/ml



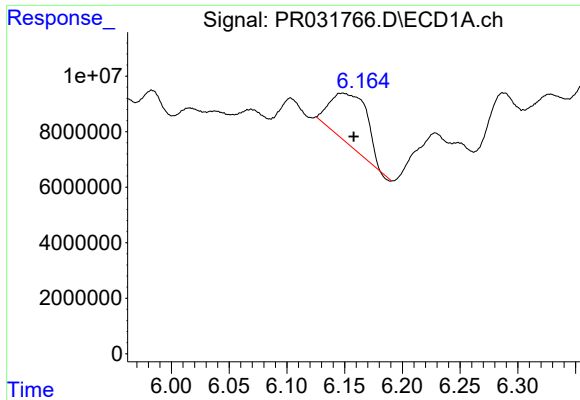
#6 AR-1016-4

R.T.: 5.768 min
Delta R.T.: 0.001 min
Response: 13447512
Conc: 25.92 ng/ml



#6 AR-1016-4

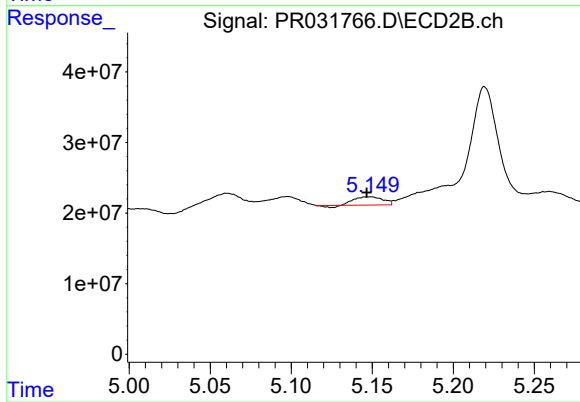
R.T.: 4.794 min
Delta R.T.: 0.011 min
Response: 19193628
Conc: 16.43 ng/ml



#7 AR-1016-5

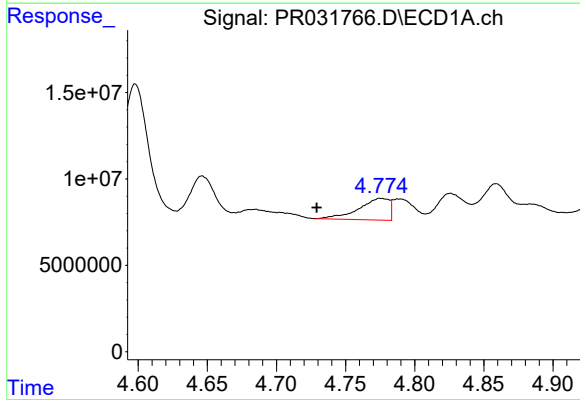
R.T.: 6.148 min
Delta R.T.: -0.010 min
Response: 40925893
Conc: 92.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



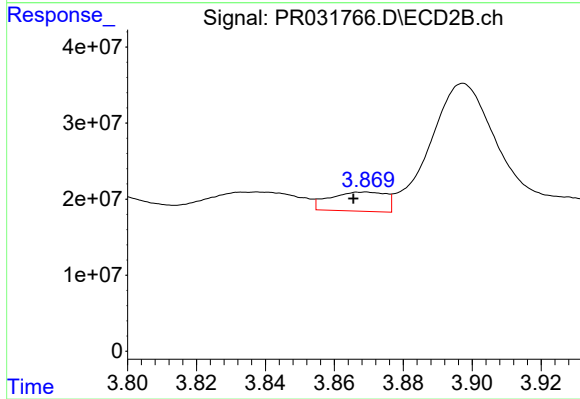
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: 0.003 min
Response: 13719077
Conc: 12.63 ng/ml



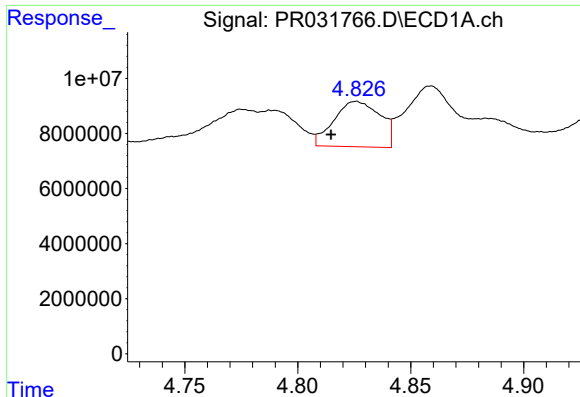
#8 AR-1221-1

R.T.: 4.775 min
Delta R.T.: 0.046 min
Response: 19326745
Conc: 118.51 ng/ml



#8 AR-1221-1

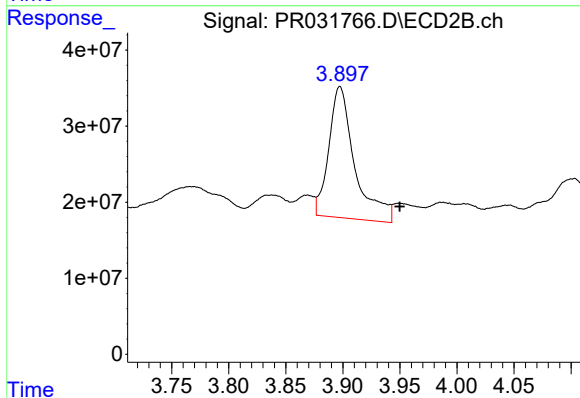
R.T.: 3.869 min
Delta R.T.: 0.004 min
Response: 28457639
Conc: 88.51 ng/ml



#9 AR-1221-2

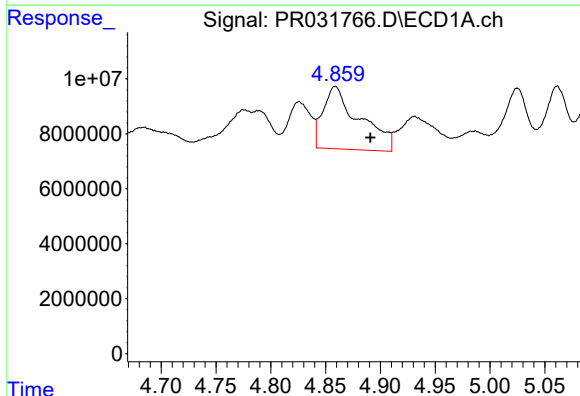
R.T.: 4.826 min
Delta R.T.: 0.011 min
Response: 23504556
Conc: 190.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



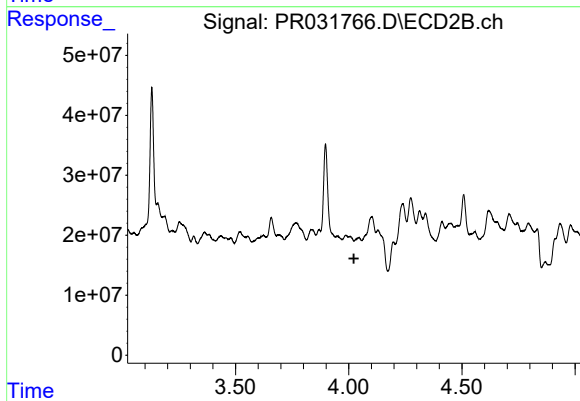
#9 AR-1221-2

R.T.: 3.897 min
Delta R.T.: -0.052 min
Response: 272876697
Conc: 1084.62 ng/ml



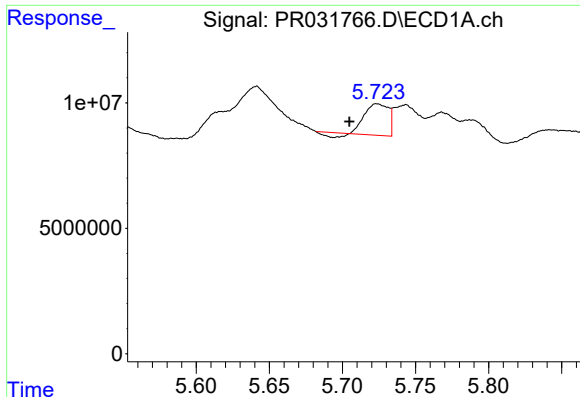
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: -0.032 min
Response: 53017850
Conc: 137.69 ng/ml



#10 AR-1221-3

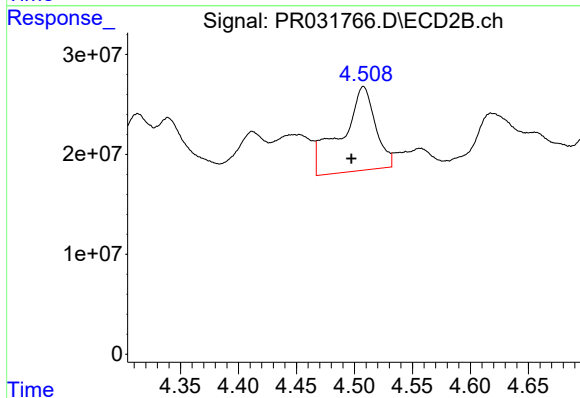
R.T.: 0.000 min
Exp R.T.: 4.023 min
Response: 0
Conc: N.D.



#11 AR-1232-1

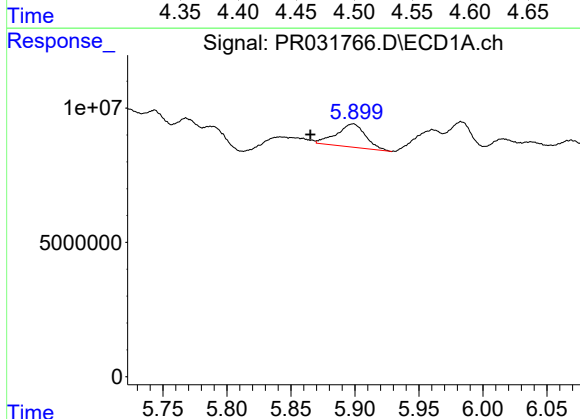
R.T.: 5.724 min
Delta R.T.: 0.019 min
Response: 13377853
Conc: 36.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



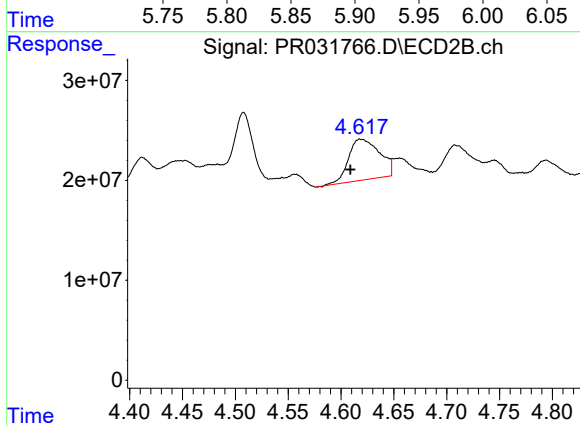
#11 AR-1232-1

R.T.: 4.508 min
Delta R.T.: 0.010 min
Response: 170986024
Conc: 486.80 ng/ml



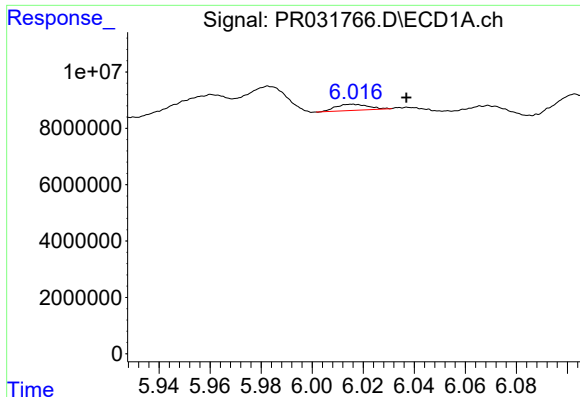
#12 AR-1232-2

R.T.: 5.898 min
Delta R.T.: 0.033 min
Response: 13612857
Conc: 80.48 ng/ml



#12 AR-1232-2

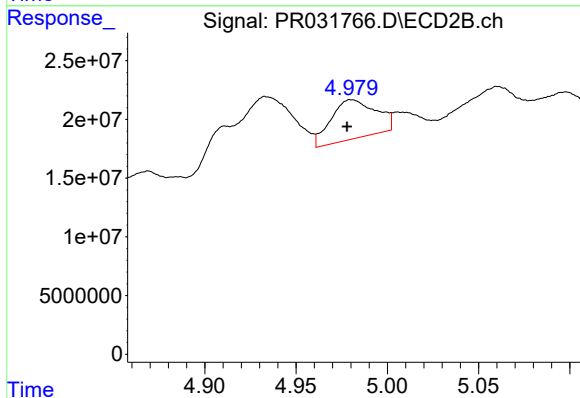
R.T.: 4.618 min
Delta R.T.: 0.009 min
Response: 83541402
Conc: 724.09 ng/ml



#13 AR-1232-3

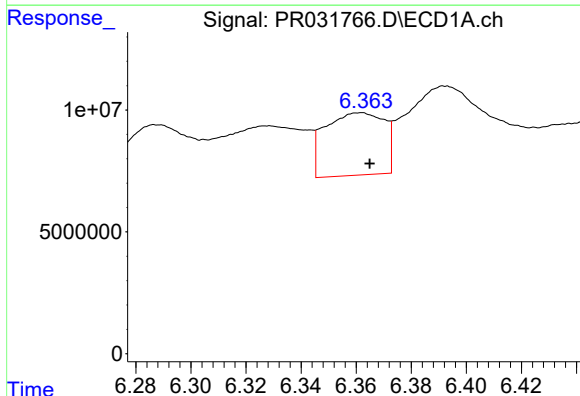
R.T.: 6.016 min
Delta R.T.: -0.021 min
Response: 1924607
Conc: 40.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



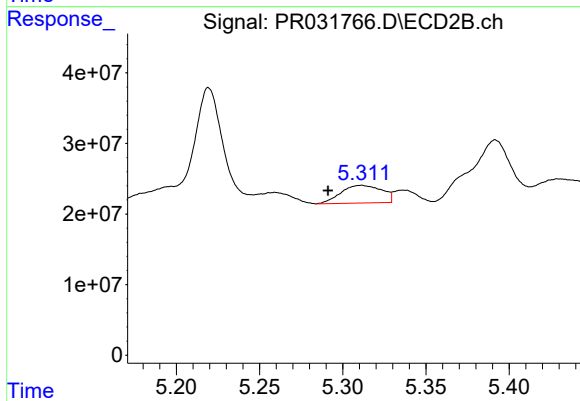
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: 0.002 min
Response: 56918223
Conc: 150.78 ng/ml



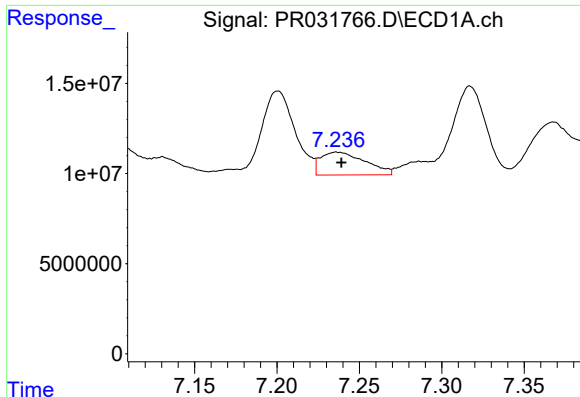
#14 AR-1232-4

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 38092511
Conc: 785.72 ng/ml



#14 AR-1232-4

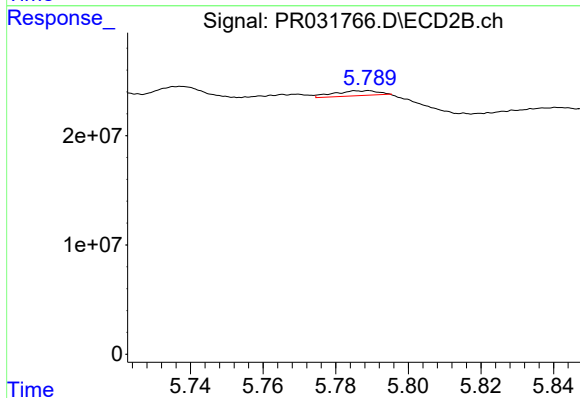
R.T.: 5.312 min
Delta R.T.: 0.020 min
Response: 42793179
Conc: 92.00 ng/ml



#15 AR-1232-5

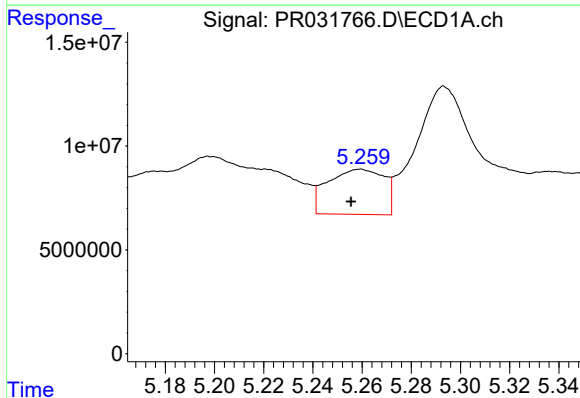
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 23972531
Conc: 726.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



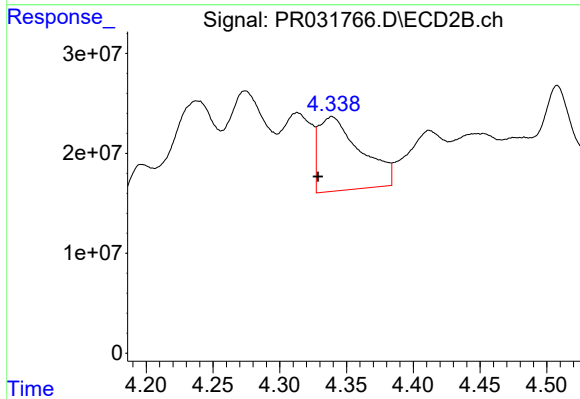
#15 AR-1232-5

R.T.: 5.789 min
Delta R.T.: -0.064 min
Response: 3036253
Conc: 57.48 ng/ml



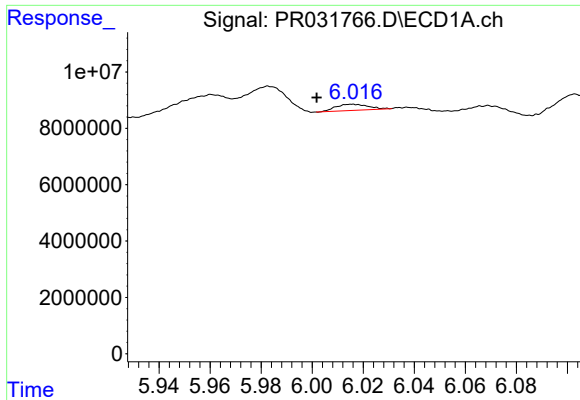
#16 AR-1242-1

R.T.: 5.259 min
Delta R.T.: 0.004 min
Response: 34439257
Conc: 219.25 ng/ml



#16 AR-1242-1

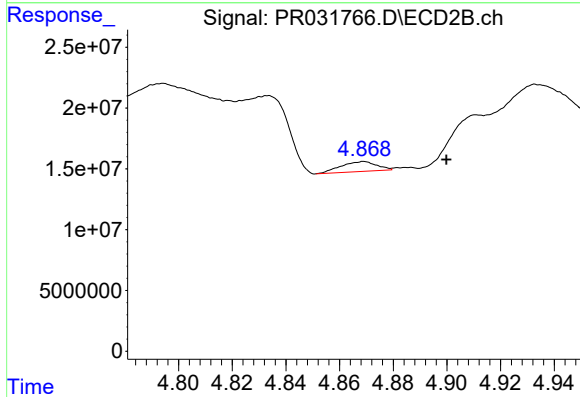
R.T.: 4.339 min
Delta R.T.: 0.010 min
Response: 162311253
Conc: 486.25 ng/ml



#17 AR-1242-2

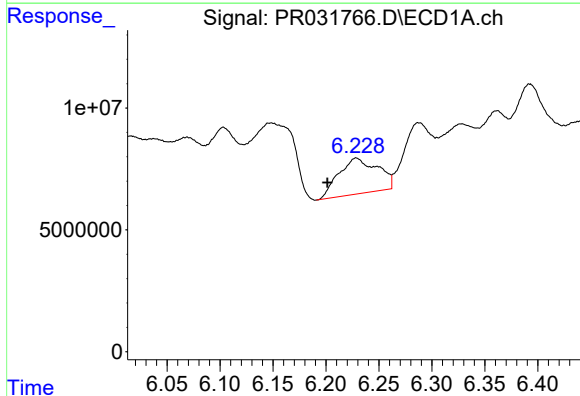
R.T.: 6.016 min
Delta R.T.: 0.014 min
Response: 1924607
Conc: 6.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



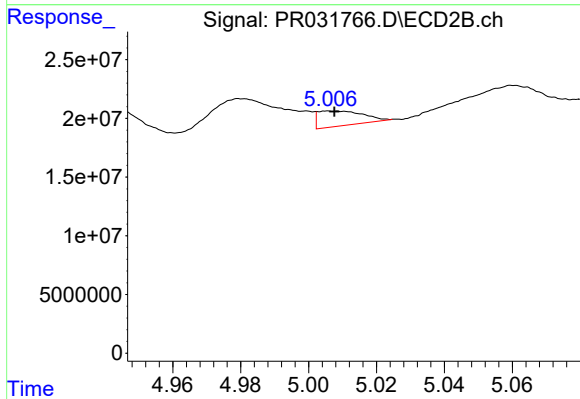
#17 AR-1242-2

R.T.: 4.869 min
Delta R.T.: -0.031 min
Response: 7552875
Conc: 10.18 ng/ml



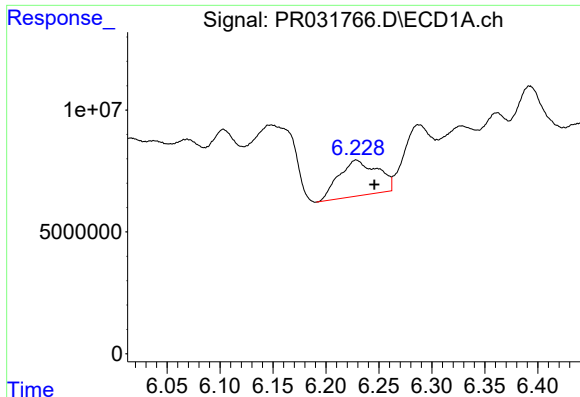
#18 AR-1242-3

R.T.: 6.229 min
Delta R.T.: 0.027 min
Response: 37592645
Conc: 241.30 ng/ml



#18 AR-1242-3

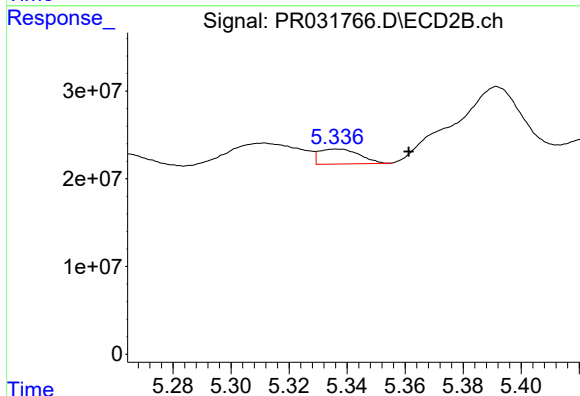
R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 11661790
Conc: 45.34 ng/ml



#19 AR-1242-4

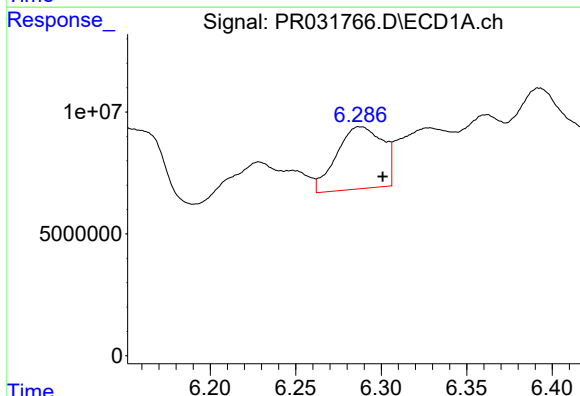
R.T.: 6.229 min
Delta R.T.: -0.017 min
Response: 37592645
Conc: 316.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



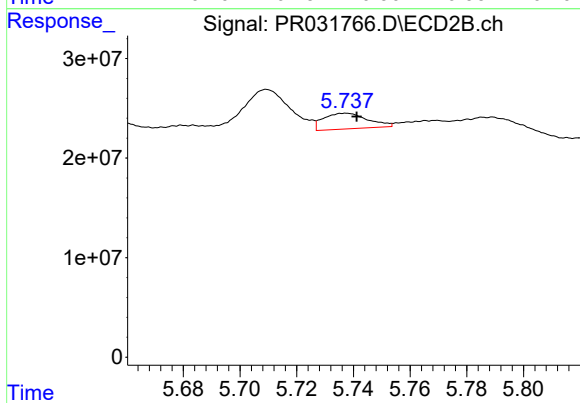
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: -0.025 min
Response: 16413481
Conc: 65.79 ng/ml



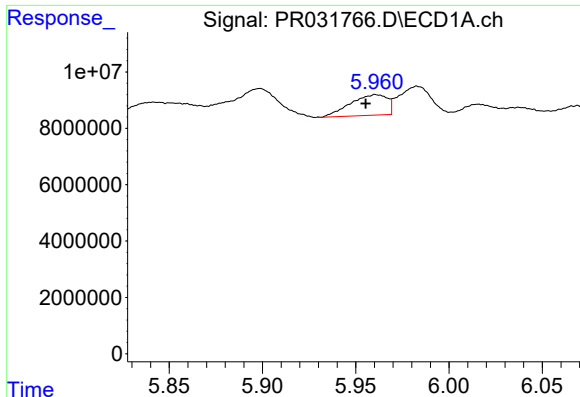
#20 AR-1242-5

R.T.: 6.288 min
Delta R.T.: -0.013 min
Response: 47811917
Conc: 125.04 ng/ml



#20 AR-1242-5

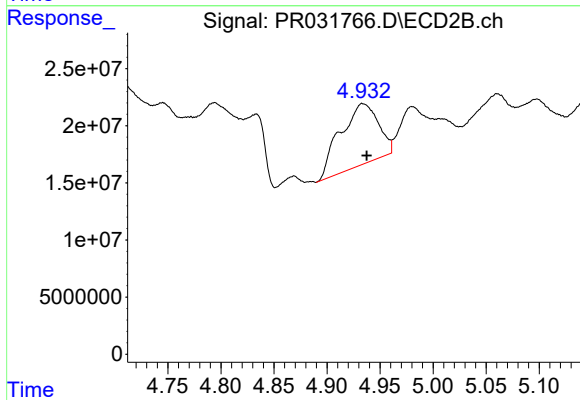
R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 17082859
Conc: 29.45 ng/ml



#21 AR-1248-1

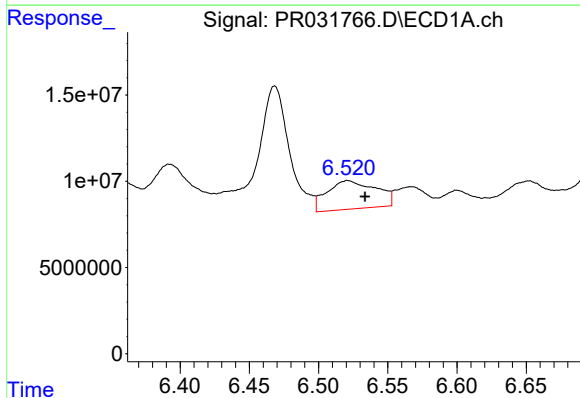
R.T.: 5.961 min
Delta R.T.: 0.006 min
Response: 10074025
Conc: 19.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



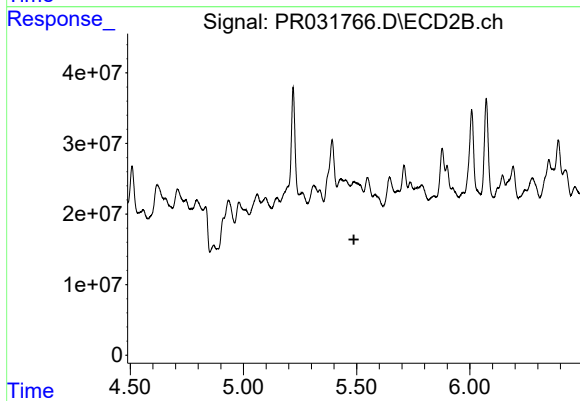
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 133626713
Conc: 120.75 ng/ml



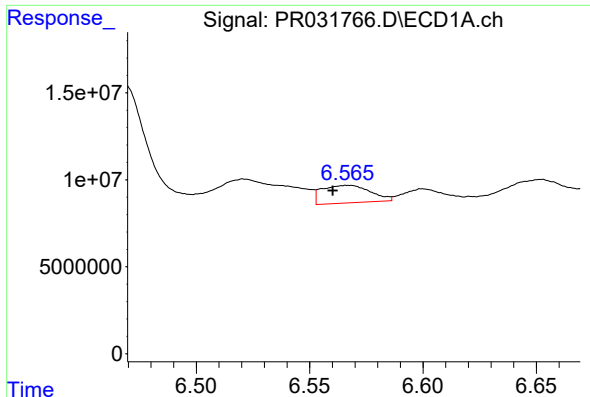
#22 AR-1248-2

R.T.: 6.521 min
Delta R.T.: -0.013 min
Response: 40525924
Conc: 75.55 ng/ml



#22 AR-1248-2

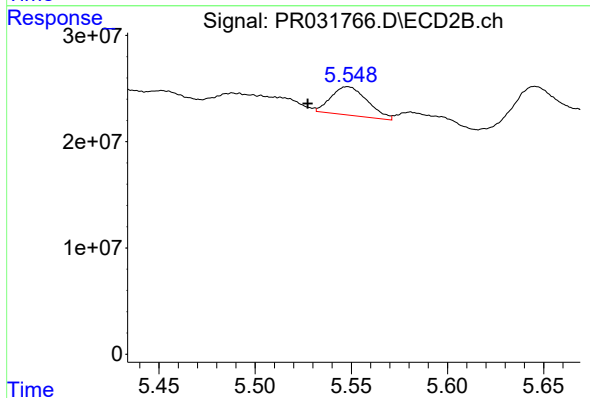
R.T.: 5.429 min
Delta R.T.: -0.059 min
Response: -22504870
Conc: N.D.



#23 AR-1248-3

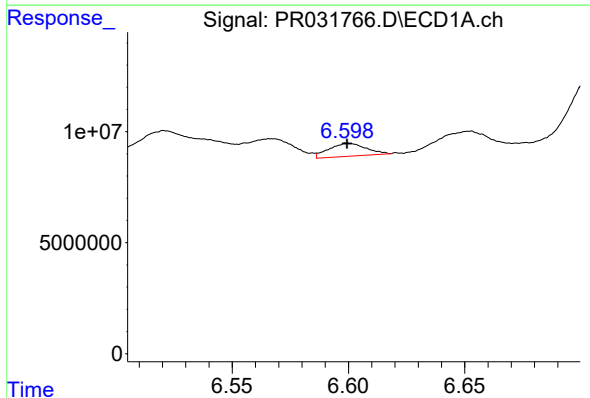
R.T.: 6.567 min
Delta R.T.: 0.007 min
Response: 14994674
Conc: 20.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



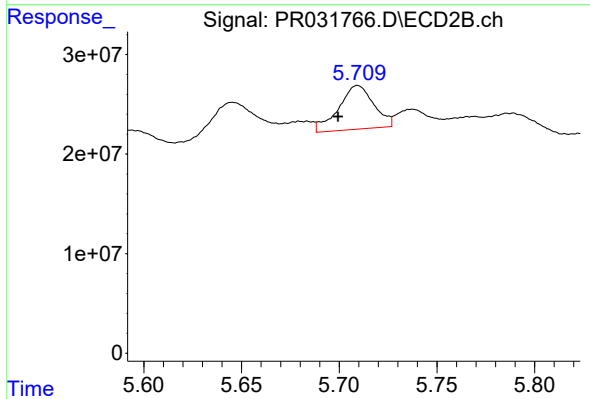
#23 AR-1248-3

R.T.: 5.548 min
Delta R.T.: 0.021 min
Response: 35126980
Conc: 22.04 ng/ml



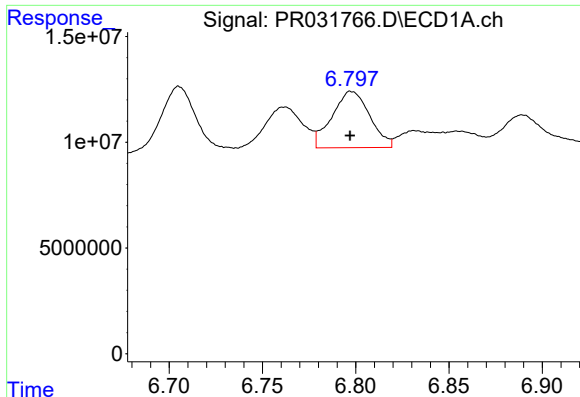
#24 AR-1248-4

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 6525222
Conc: 9.46 ng/ml



#24 AR-1248-4

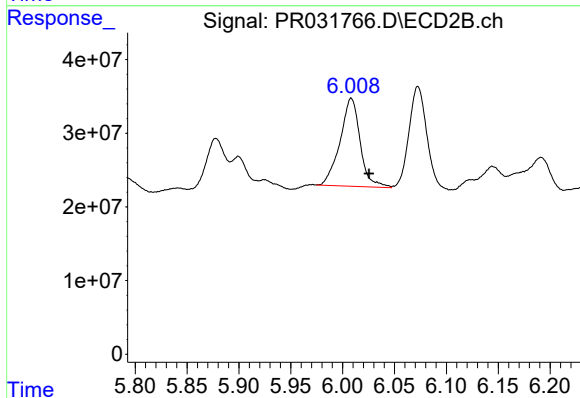
R.T.: 5.709 min
Delta R.T.: 0.010 min
Response: 55169810
Conc: 38.25 ng/ml



#25 AR-1248-5

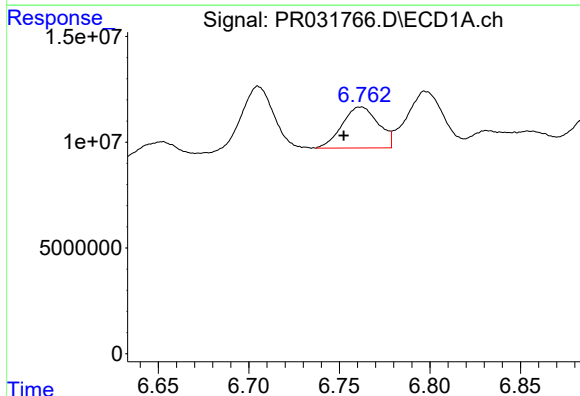
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 37570176
Conc: 79.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



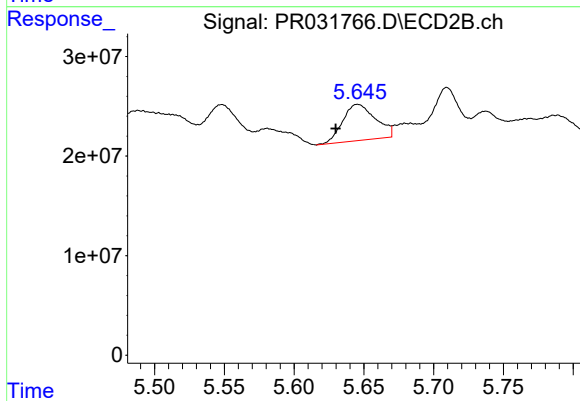
#25 AR-1248-5

R.T.: 6.008 min
Delta R.T.: -0.017 min
Response: 161290138
Conc: 154.99 ng/ml



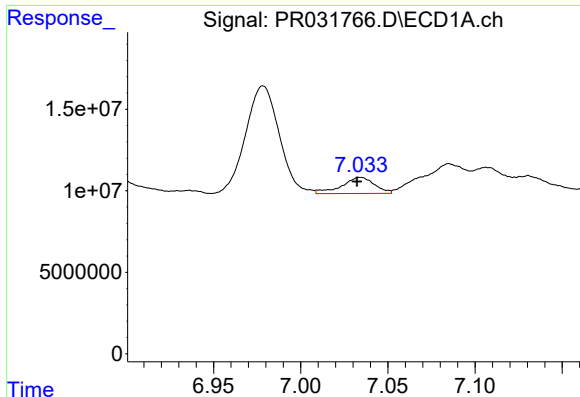
#26 AR-1254-1

R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 27008831
Conc: 20.40 ng/ml



#26 AR-1254-1

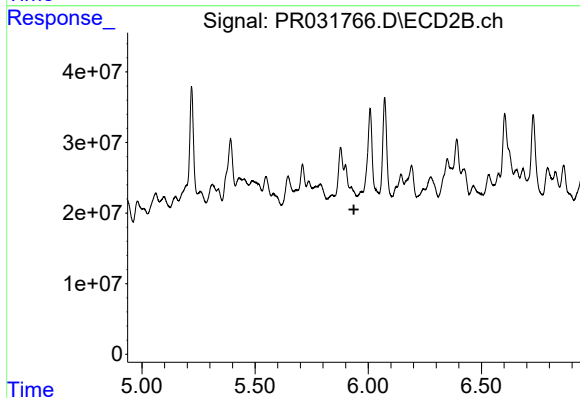
R.T.: 5.645 min
Delta R.T.: 0.016 min
Response: 59437415
Conc: 23.32 ng/ml



#27 AR-1254-2

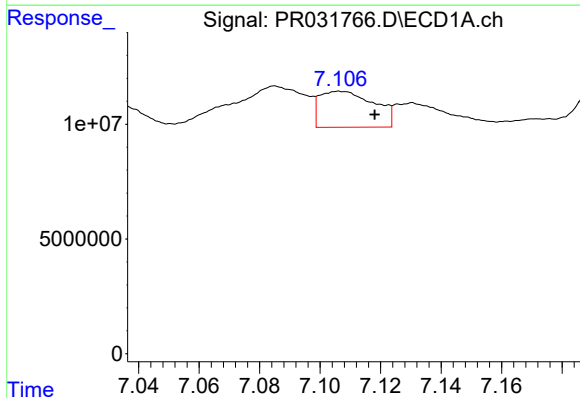
R.T.: 7.034 min
Delta R.T.: 0.002 min
Response: 12922505
Conc: 15.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



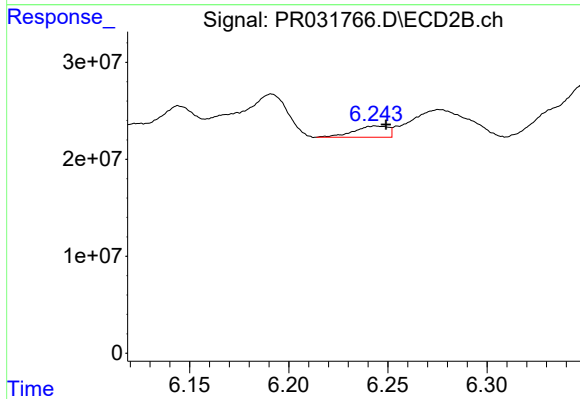
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.937 min
Response: 0
Conc: N.D.



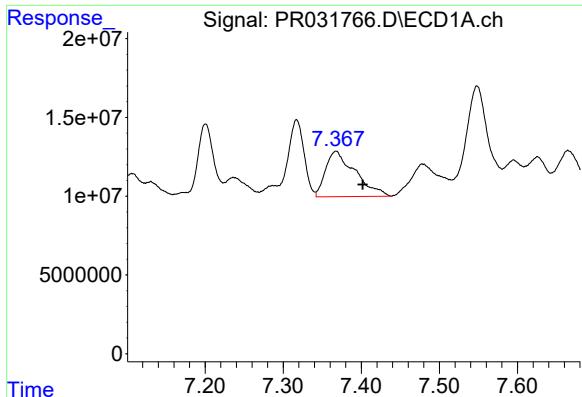
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.011 min
Response: 19621499
Conc: 13.23 ng/ml



#28 AR-1254-3

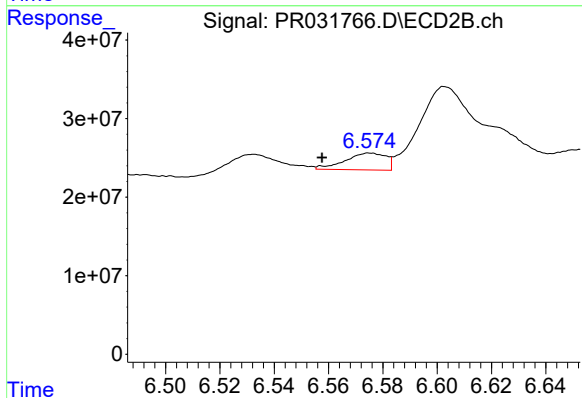
R.T.: 6.244 min
Delta R.T.: -0.005 min
Response: 13998149
Conc: 4.27 ng/ml



#29 AR-1254-4

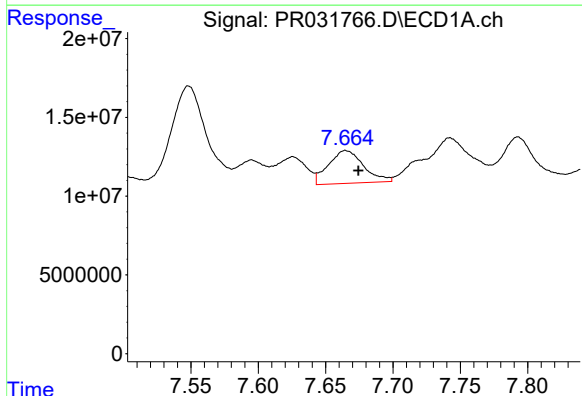
R.T.: 7.368 min
Delta R.T.: -0.034 min
Response: 75641198
Conc: 63.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



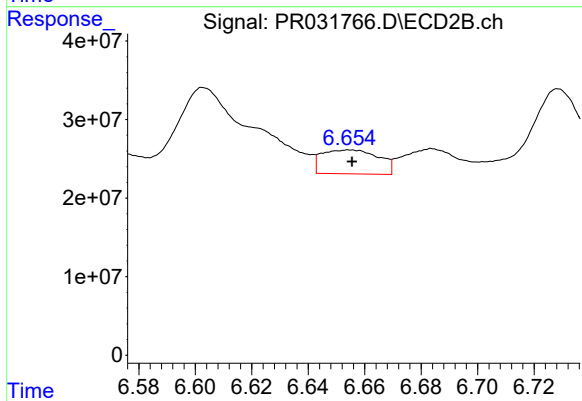
#29 AR-1254-4

R.T.: 6.575 min
Delta R.T.: 0.018 min
Response: 22322319
Conc: 15.00 ng/ml



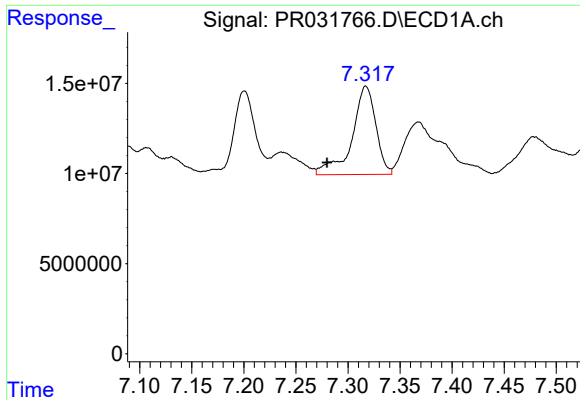
#30 AR-1254-5

R.T.: 7.665 min
Delta R.T.: -0.010 min
Response: 37907519
Conc: 43.74 ng/ml



#30 AR-1254-5

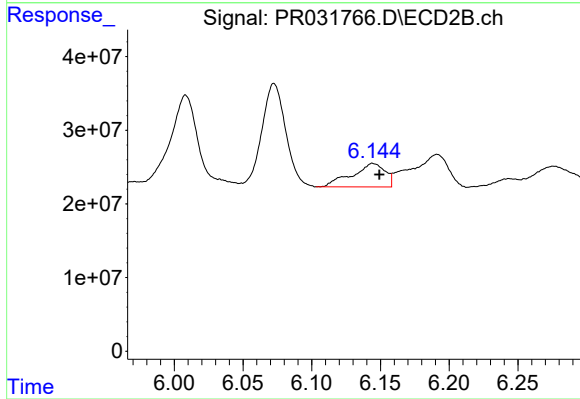
R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 42504993
Conc: 20.18 ng/ml



#31 AR-1260-1

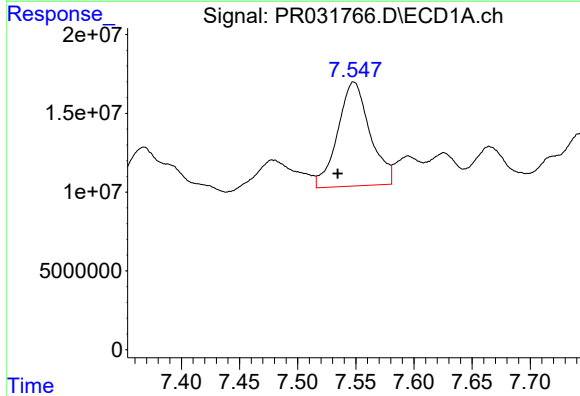
R.T.: 7.317 min
Delta R.T.: 0.037 min
Response: 78161083
Conc: 77.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



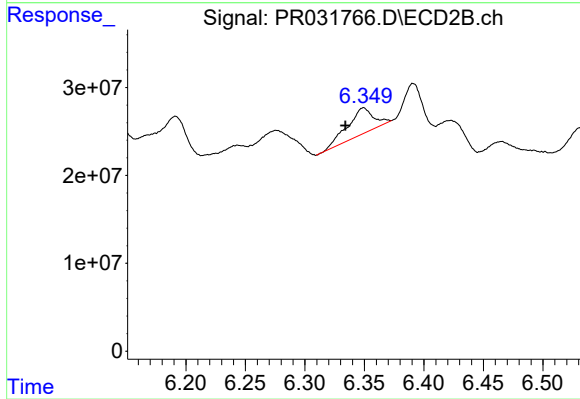
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: -0.005 min
Response: 53522159
Conc: 23.57 ng/ml



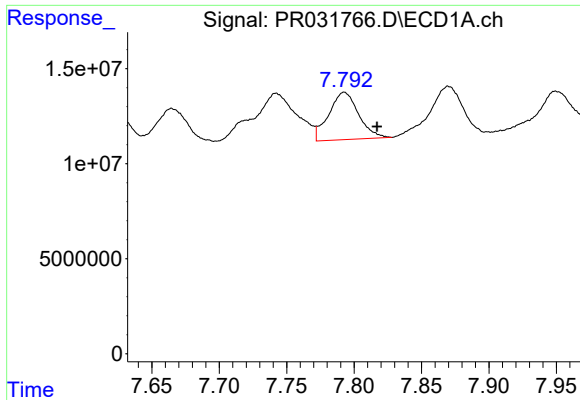
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: 0.014 min
Response: 127334628
Conc: 96.17 ng/ml



#32 AR-1260-2

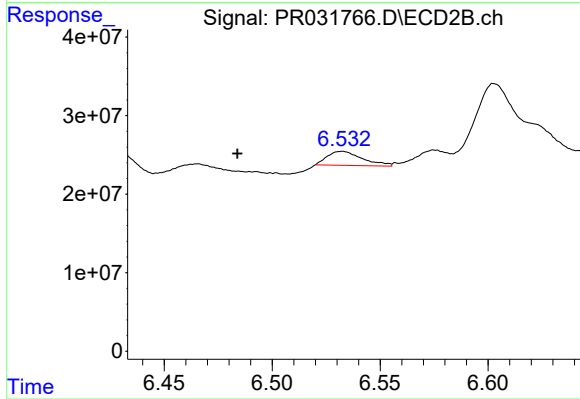
R.T.: 6.349 min
Delta R.T.: 0.015 min
Response: 44751728
Conc: 16.06 ng/ml



#33 AR-1260-3

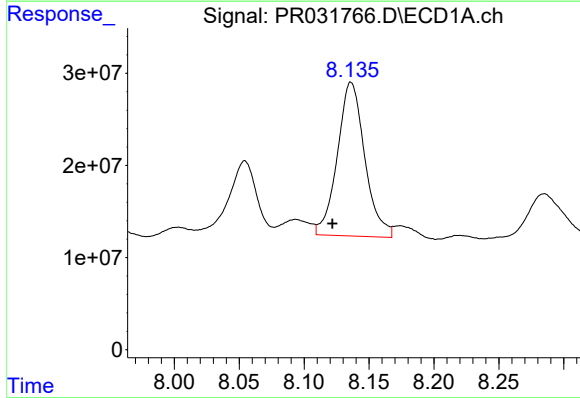
R.T.: 7.793 min
Delta R.T.: -0.024 min
Response: 38311104
Conc: 24.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



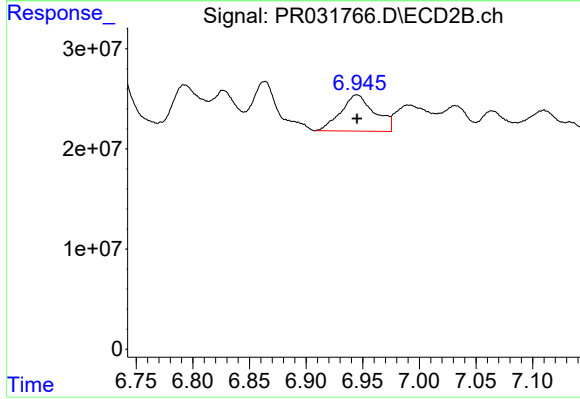
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: 0.048 min
Response: 20139881
Conc: 8.97 ng/ml



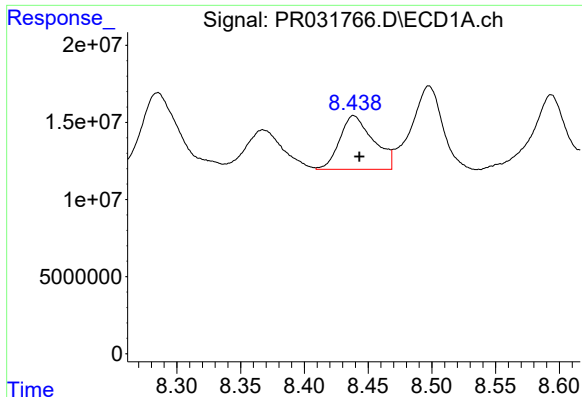
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: 0.014 min
Response: 245668585
Conc: 218.85 ng/ml



#34 AR-1260-4

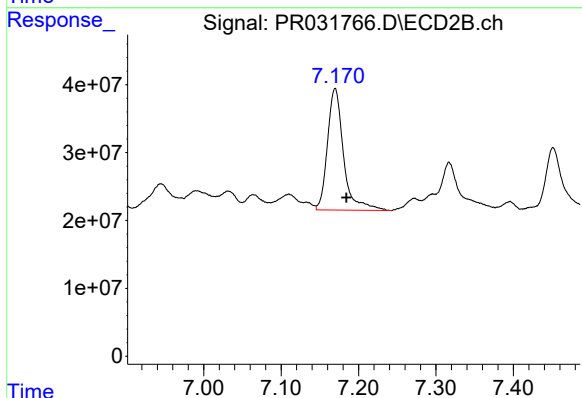
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 75442668
Conc: 54.62 ng/ml



#35 AR-1260-5

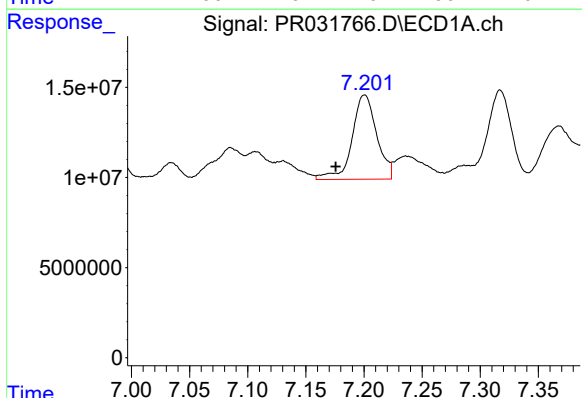
R.T.: 8.439 min
Delta R.T.: -0.004 min
Response: 63932672
Conc: 24.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



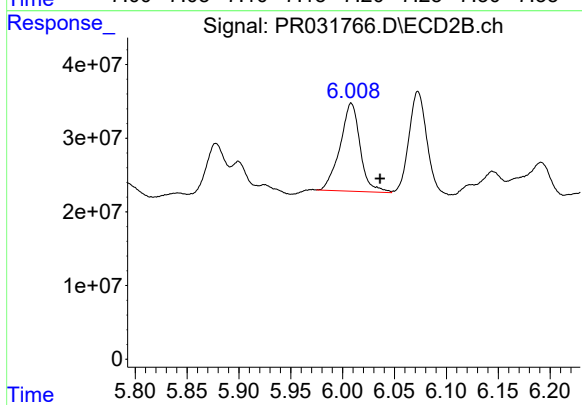
#35 AR-1260-5

R.T.: 7.170 min
Delta R.T.: -0.015 min
Response: 258696243
Conc: 87.91 ng/ml



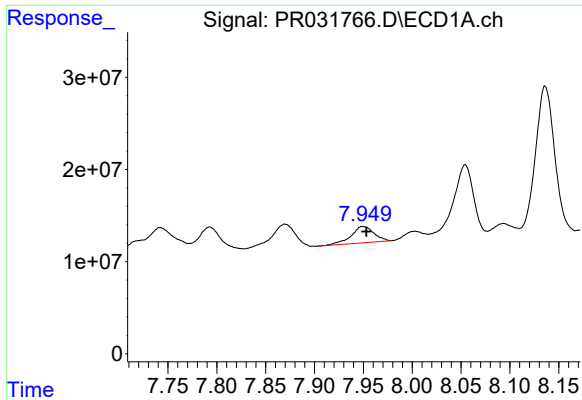
#36 AR-1262-1

R.T.: 7.201 min
Delta R.T.: 0.025 min
Response: 69157686
Conc: 116.86 ng/ml



#36 AR-1262-1

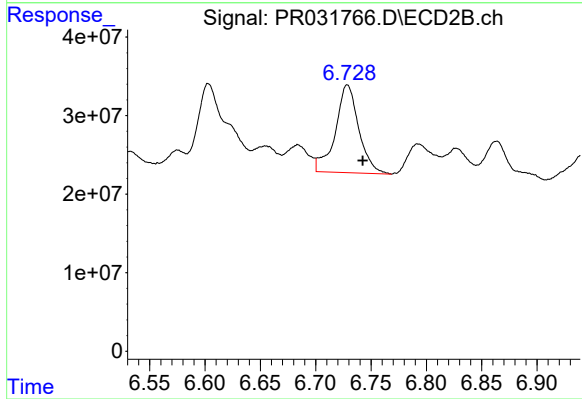
R.T.: 6.008 min
Delta R.T.: -0.028 min
Response: 161290138
Conc: 113.61 ng/ml



#37 AR-1262-2

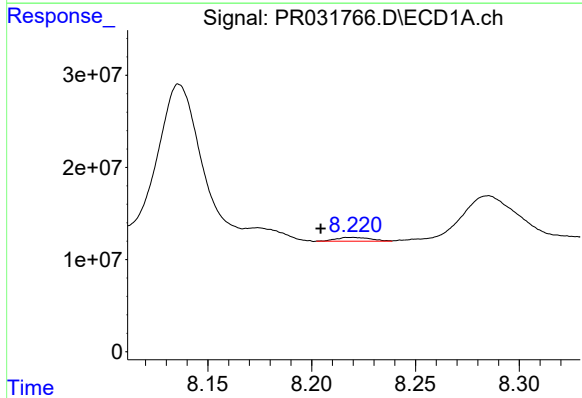
R.T.: 7.950 min
Delta R.T.: -0.003 min
Response: 28916628
Conc: 49.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



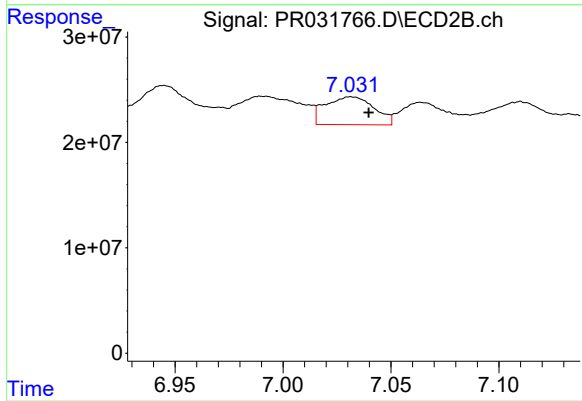
#37 AR-1262-2

R.T.: 6.729 min
Delta R.T.: -0.014 min
Response: 164602832
Conc: 153.42 ng/ml



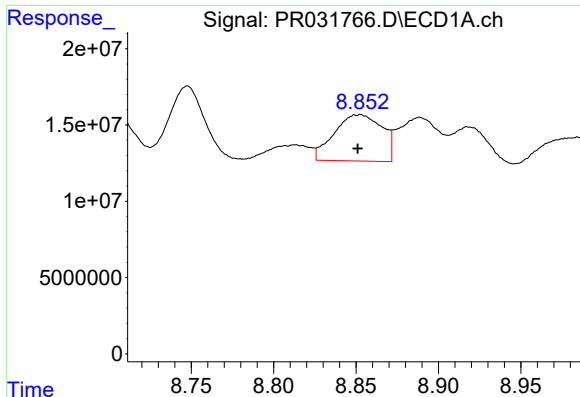
#38 AR-1262-3

R.T.: 8.219 min
Delta R.T.: 0.015 min
Response: 4802935
Conc: 9.27 ng/ml



#38 AR-1262-3

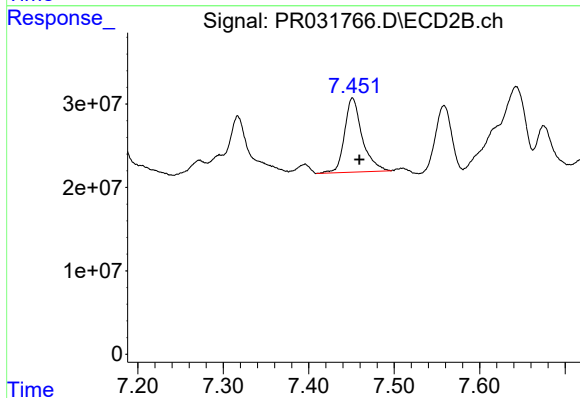
R.T.: 7.032 min
Delta R.T.: -0.008 min
Response: 41621696
Conc: 49.82 ng/ml



#39 AR-1262-4

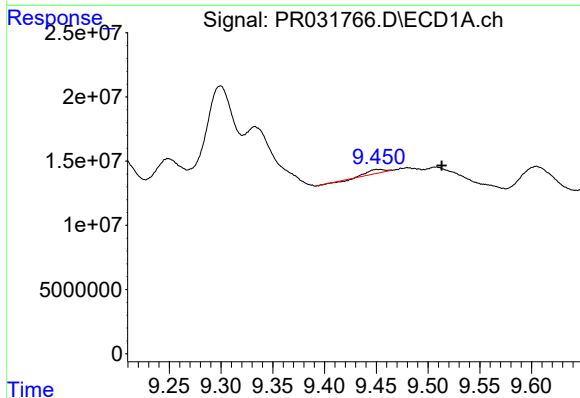
R.T.: 8.852 min
Delta R.T.: 0.001 min
Response: 61540944
Conc: 40.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



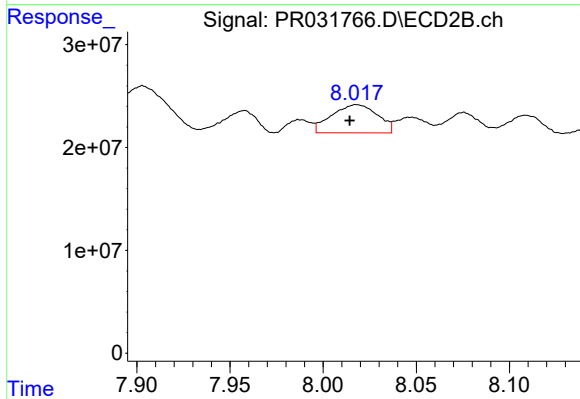
#39 AR-1262-4

R.T.: 7.451 min
Delta R.T.: -0.008 min
Response: 127916137
Conc: 110.11 ng/ml



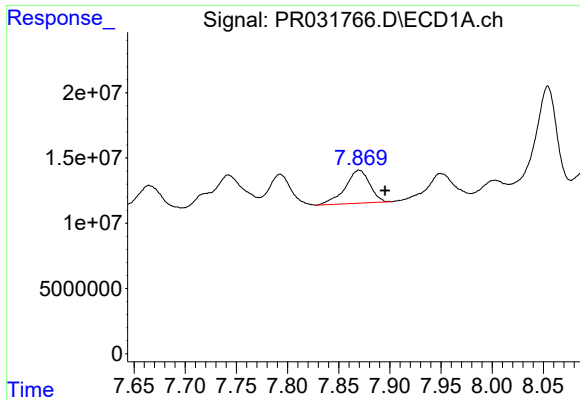
#40 AR-1262-5

R.T.: 9.451 min
Delta R.T.: -0.062 min
Response: 2845034
Conc: 2.53 ng/ml



#40 AR-1262-5

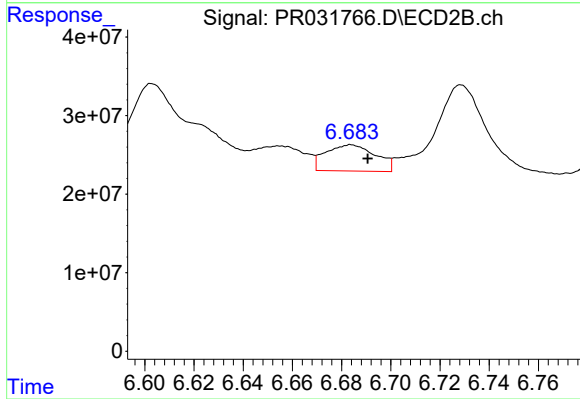
R.T.: 8.018 min
Delta R.T.: 0.004 min
Response: 47058200
Conc: 55.07 ng/ml



#41 AR-1268-1

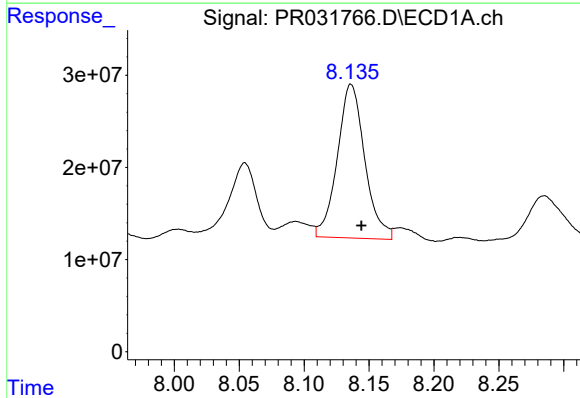
R.T.: 7.870 min
Delta R.T.: -0.025 min
Response: 42119565
Conc: 72.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



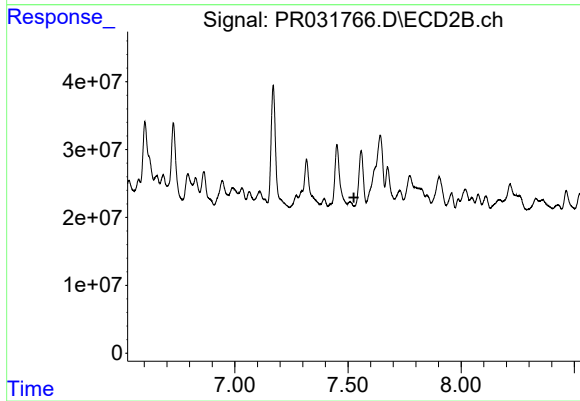
#41 AR-1268-1

R.T.: 6.684 min
Delta R.T.: -0.007 min
Response: 46897525
Conc: 45.23 ng/ml



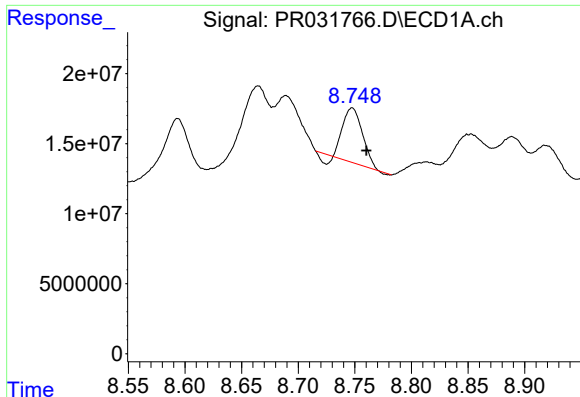
#42 AR-1268-2

R.T.: 8.136 min
Delta R.T.: -0.008 min
Response: 245668585
Conc: 303.84 ng/ml



#42 AR-1268-2

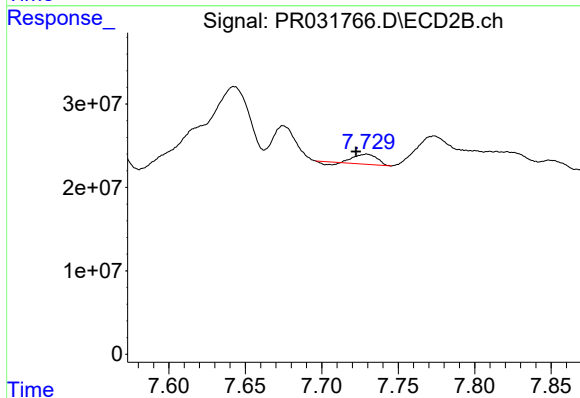
R.T.: 0.000 min
Exp R.T. : 7.526 min
Response: 0
Conc: N.D.



#43 AR-1268-3

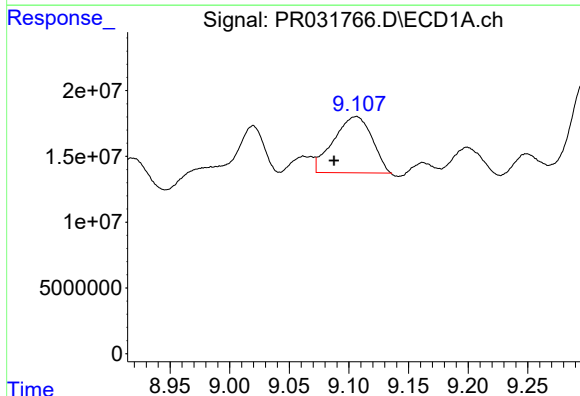
R.T.: 8.748 min
Delta R.T.: -0.013 min
Response: 43852892
Conc: 11.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



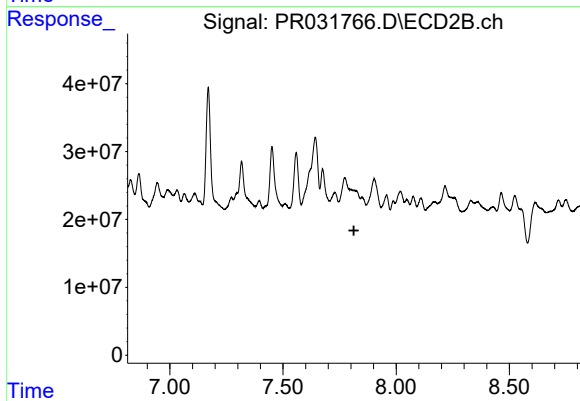
#43 AR-1268-3

R.T.: 7.729 min
Delta R.T.: 0.007 min
Response: 12037917
Conc: 5.55 ng/ml



#44 AR-1268-4

R.T.: 9.106 min
Delta R.T.: 0.018 min
Response: 96025924
Conc: 32.49 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 7.813 min
Response: 0
Conc: N.D.