

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091318\
 Data File : PR032038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2018 16:46
 Operator : SM\SJ
 Sample : PB112804BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 00:47:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 13 01:38:59 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	3.645	304.1E6	572.8E6	13.974	13.652
2)	SA Decachlor...	10.275	8.511	594.2E6	468.3E6	23.488	24.743
Target Compounds							
3)	L1 AR-1016-1	5.229	4.307	2215224	481033	3.854	0.409 #
4)	L1 AR-1016-2	5.377	4.716	221501	24779112	0.379	13.936 #
5)	L1 AR-1016-3	5.680	4.716	13349403	24779112	14.845	7.803 #
6)	L1 AR-1016-4	5.732	4.811	456941	3644768	0.591	2.035 #
7)	L1 AR-1016-5	0.000	5.129	0	5843981	N.D.	3.419 #
8)	L2 AR-1221-1	0.000	3.858	0	608323	N.D.	1.363 #
9)	L2 AR-1221-2	4.825	3.939	4281893	8037494	23.586	24.381
10)	L2 AR-1221-3	4.825	4.013	4281893	3389256	7.441	3.091 #
11)	L3 AR-1232-1	5.680	4.488	13349403	1306279	25.651	2.278 #
12)	L3 AR-1232-2	0.000	4.592	0	3514116	N.D.	18.034 #
13)	L3 AR-1232-3	5.981	4.958	2393410	7919388	34.247	13.830 #
14)	L3 AR-1232-4	0.000	5.306	0	31694605	N.D.	42.664 #
15)	L3 AR-1232-5	7.178	5.871	370756	30885294	7.566	326.141 #
16)	L4 AR-1242-1	5.257	4.333	1630208	3779182	6.176	6.378
17)	L4 AR-1242-2	5.981	4.933	2393410	11042431	5.045	8.988 #
18)	L4 AR-1242-3	0.000	4.997	0	11810818	N.D.	28.234 #
19)	L4 AR-1242-4	0.000	5.346	0	34948658	N.D.	89.097 #
20)	L4 AR-1242-5	0.000	5.763	0	17615305	N.D.	20.181 #
21)	L5 AR-1248-1	5.950	4.933	5386088	11042431	6.964	6.464
22)	L5 AR-1248-2	6.534	5.475	1336152	32146366	1.671	9.291 #
23)	L5 AR-1248-3	6.556	5.492	171778	41326641	0.160	16.746 #
24)	L5 AR-1248-4	6.556	5.696	171778	33223028	0.170	13.426 #
25)	L5 AR-1248-5	6.750	6.010	261148	1113043	0.390	0.697 #
26)	L6 AR-1254-1	6.750	5.598	261148	118.5E6	0.139	31.504 #
27)	L6 AR-1254-2	7.015	5.894	6341762	893908	5.407	0.311 #
28)	L6 AR-1254-3	7.132	6.204	2765441	119.8E6	1.328	26.564 #
29)	L6 AR-1254-4	7.397	6.598	1459725	57424714	0.892	26.452 #
30)	L6 AR-1254-5	7.672	6.627	2563416	32915859	2.238	8.351 #
31)	L7 AR-1260-1	0.000	6.158	0	29085870	N.D.	8.373 #
32)	L7 AR-1260-2	7.540	6.328	815283	59849987	0.510	14.086 #
33)	L7 AR-1260-3	7.814	0.000	5610966	0	3.255	N.D. #
34)	L7 AR-1260-4	8.158	6.903	7400307	48056893	6.190	23.024 #
35)	L7 AR-1260-5	8.371	7.169	5666223	99060624	2.096	22.469 #
36)	L8 AR-1262-1	7.178	6.010	370756	1113043	0.532	0.632
37)	L8 AR-1262-2	7.950	6.714	5359932	195.6E6	8.968	143.525 #
38)	L8 AR-1262-3	8.214	7.048	5482319	137.6E6	11.051	118.047 #
39)	L8 AR-1262-4	8.806	7.467	7736332	1905525	5.548	1.281 #
40)	L8 AR-1262-5	9.477	8.020	938968	12835135	0.853	11.819 #
41)	L9 AR-1268-1	7.909	6.714	6790834	195.6E6	9.821	127.374 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091318\
 Data File : PR032038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2018 16:46
 Operator : SM\SJ
 Sample : PB112804BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

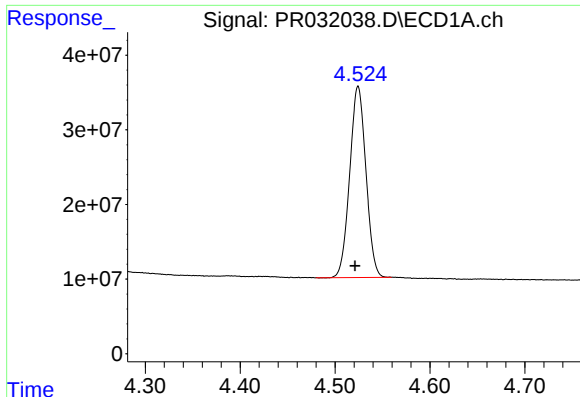
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 00:47:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 13 01:38:59 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
42) L9	AR-1268-2	8.158	7.552	7400307	328213	8.412	0.094 #
43) L9	AR-1268-3	8.806	7.710	7736332	27615342	2.087	9.775 #
44) L9	AR-1268-4	9.089	7.800	10682792	10585731	3.493	12.549 #
45) L9	AR-1268-5	9.935	8.274	8556919	11729880	0.903	1.656 #

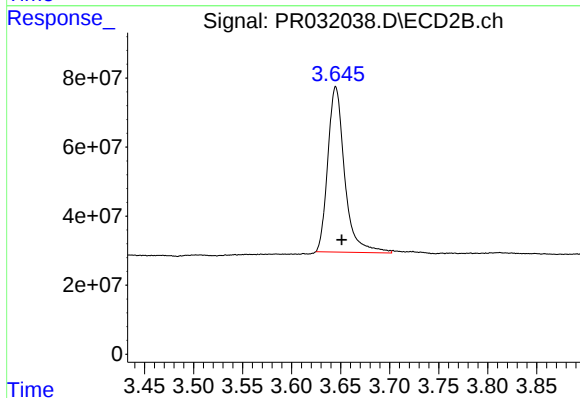
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

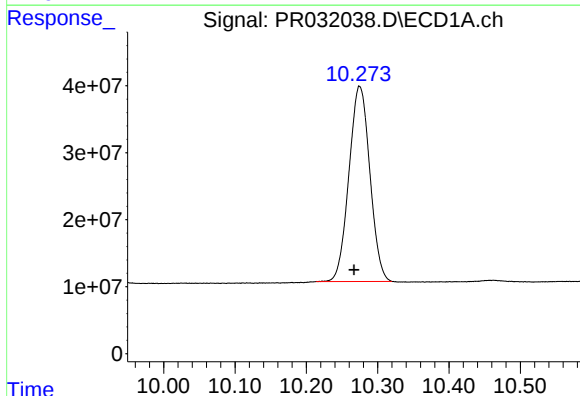
R.T.: 4.524 min
Delta R.T.: 0.003 min
Response: 304052051
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



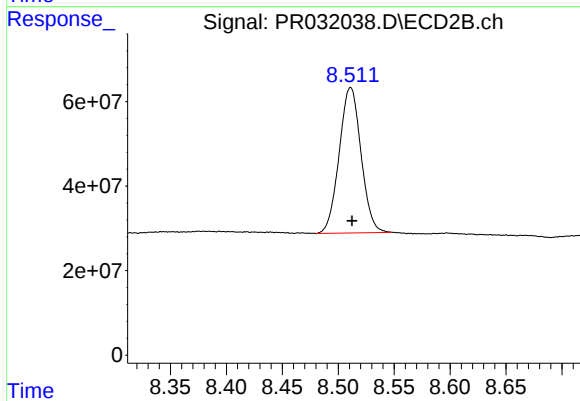
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.006 min
Response: 572780281
Conc: 13.65 ng/ml



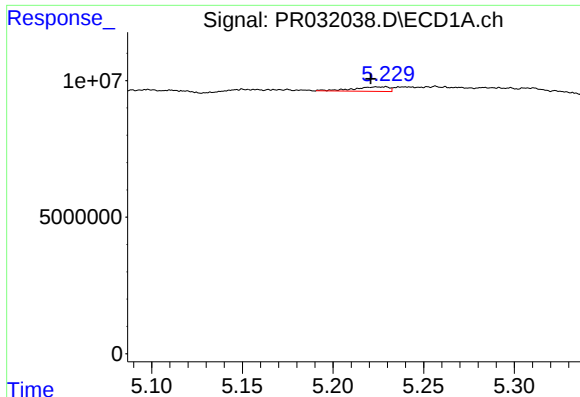
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.007 min
Response: 594182610
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

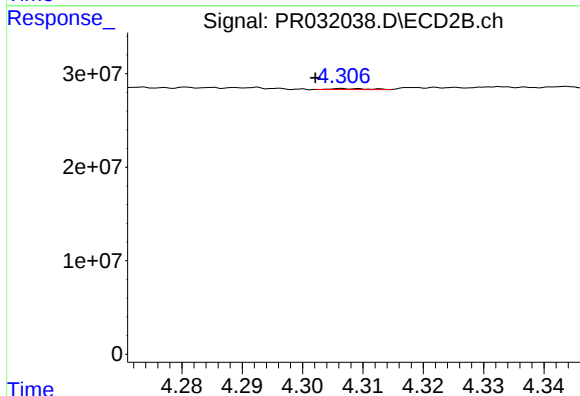
R.T.: 8.511 min
Delta R.T.: -0.001 min
Response: 468281630
Conc: 24.74 ng/ml



#3 AR-1016-1

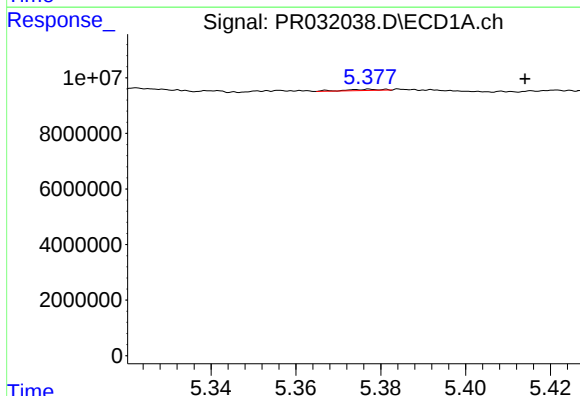
R.T.: 5.229 min
Delta R.T.: 0.009 min
Response: 2215224
Conc: 3.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



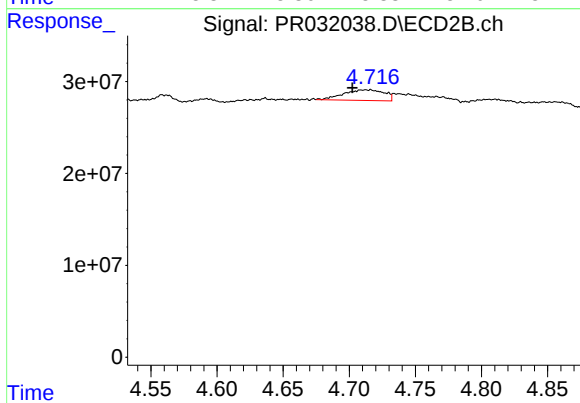
#3 AR-1016-1

R.T.: 4.307 min
Delta R.T.: 0.005 min
Response: 481033
Conc: 0.41 ng/ml



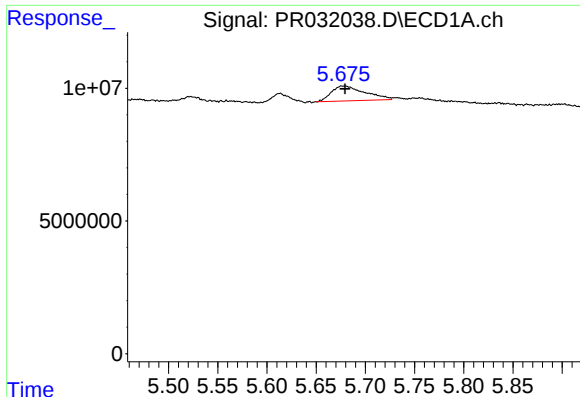
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: -0.036 min
Response: 221501
Conc: 0.38 ng/ml



#4 AR-1016-2

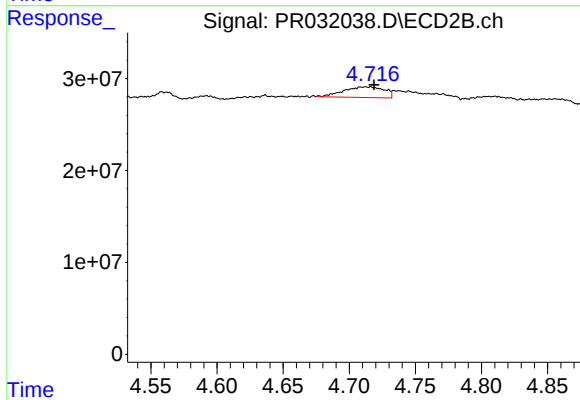
R.T.: 4.716 min
Delta R.T.: 0.014 min
Response: 24779112
Conc: 13.94 ng/ml



#5 AR-1016-3

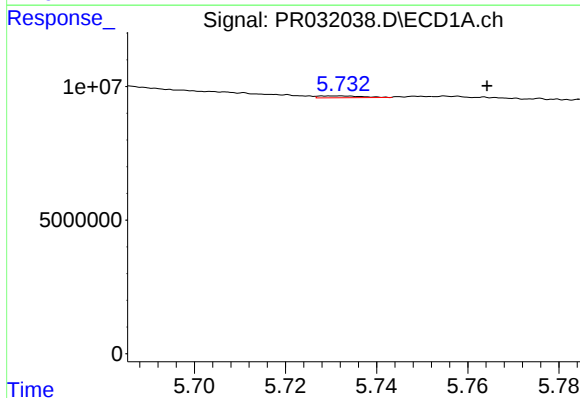
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 13349403
Conc: 14.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



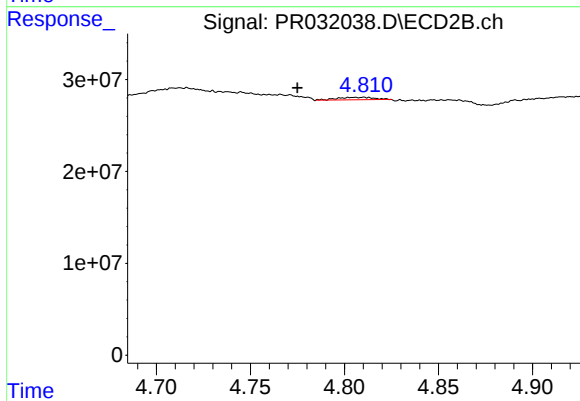
#5 AR-1016-3

R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 24779112
Conc: 7.80 ng/ml



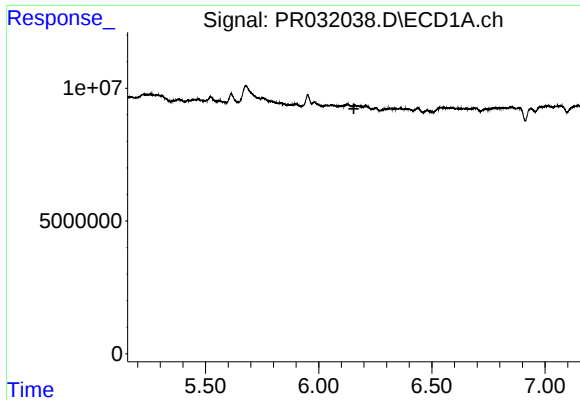
#6 AR-1016-4

R.T.: 5.732 min
Delta R.T.: -0.032 min
Response: 456941
Conc: 0.59 ng/ml



#6 AR-1016-4

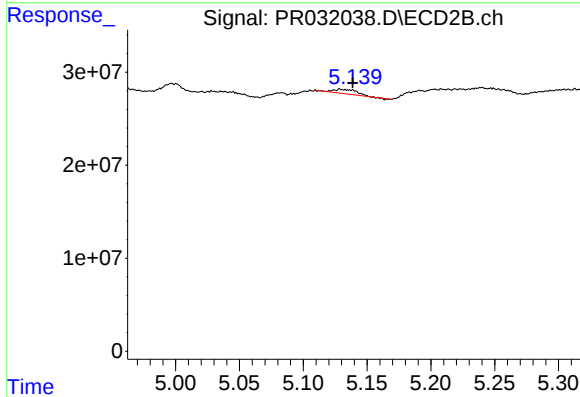
R.T.: 4.811 min
Delta R.T.: 0.036 min
Response: 3644768
Conc: 2.04 ng/ml



#7 AR-1016-5

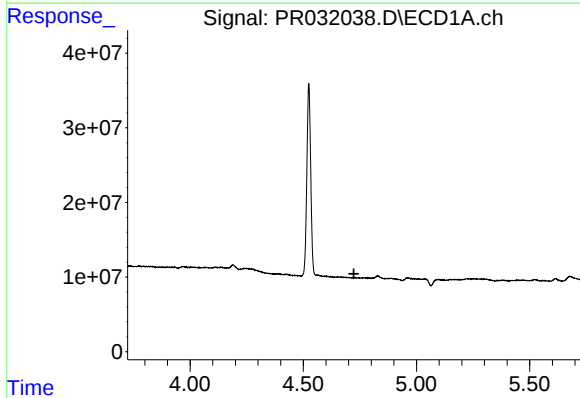
R.T.: 0.000 min
Exp R.T.: 6.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



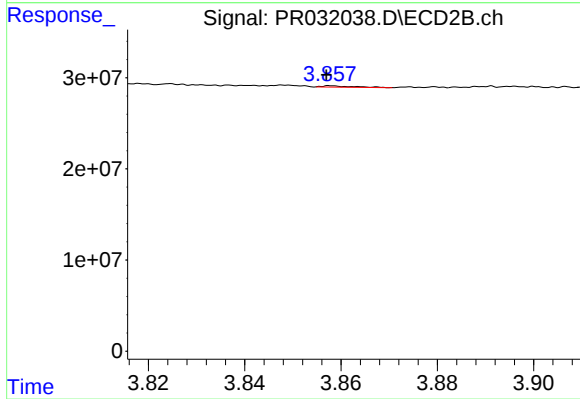
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.010 min
Response: 5843981
Conc: 3.42 ng/ml



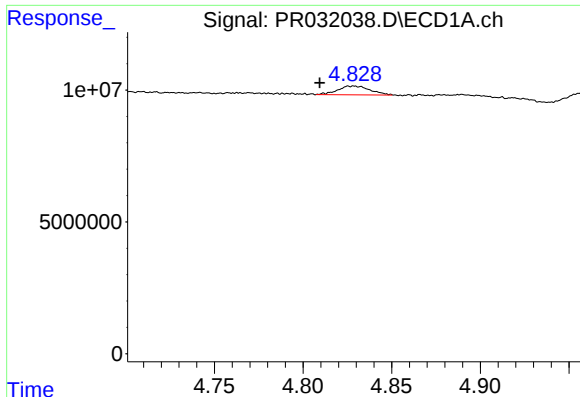
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.724 min
Response: 0
Conc: N.D.



#8 AR-1221-1

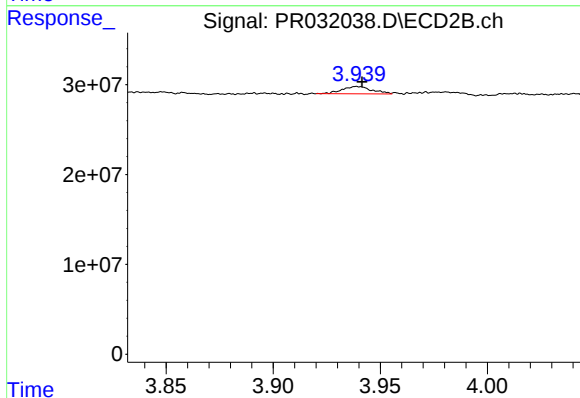
R.T.: 3.858 min
Delta R.T.: 0.001 min
Response: 608323
Conc: 1.36 ng/ml



#9 AR-1221-2

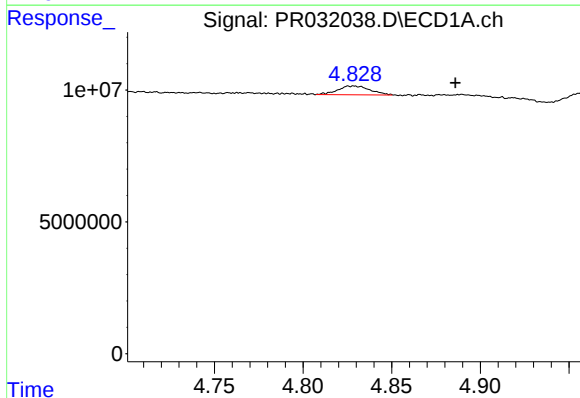
R.T.: 4.825 min
Delta R.T.: 0.016 min
Response: 4281893
Conc: 23.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



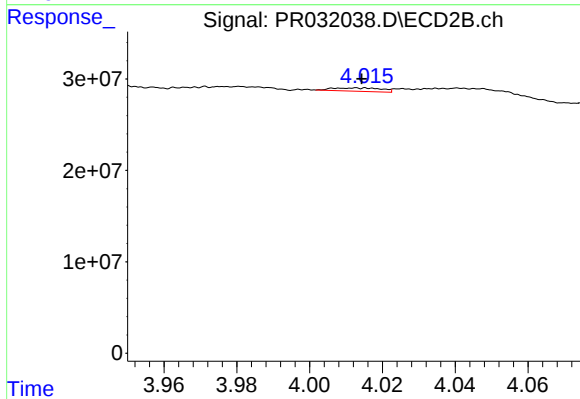
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.002 min
Response: 8037494
Conc: 24.38 ng/ml



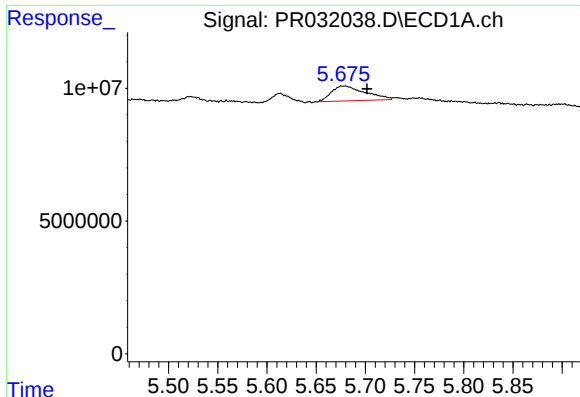
#10 AR-1221-3

R.T.: 4.825 min
Delta R.T.: -0.060 min
Response: 4281893
Conc: 7.44 ng/ml



#10 AR-1221-3

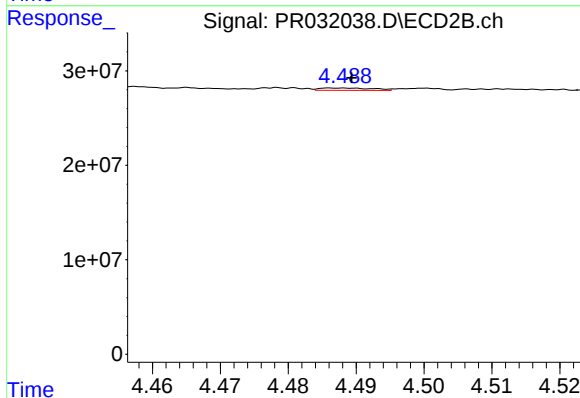
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 3389256
Conc: 3.09 ng/ml



#11 AR-1232-1

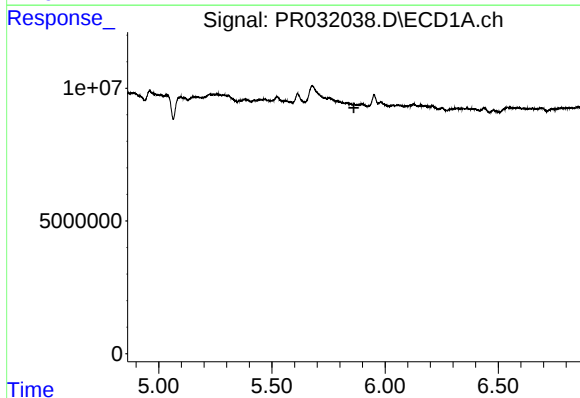
R.T.: 5.680 min
Delta R.T.: -0.022 min
Response: 13349403
Conc: 25.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



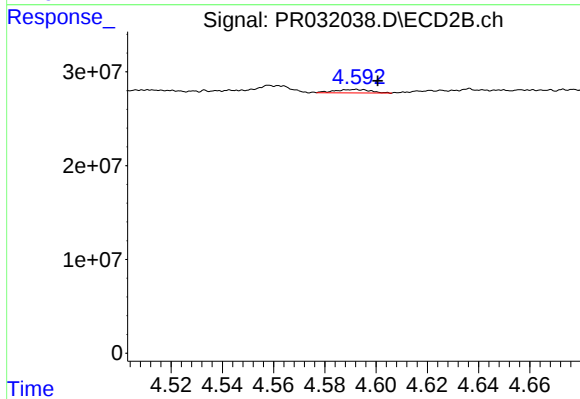
#11 AR-1232-1

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 1306279
Conc: 2.28 ng/ml



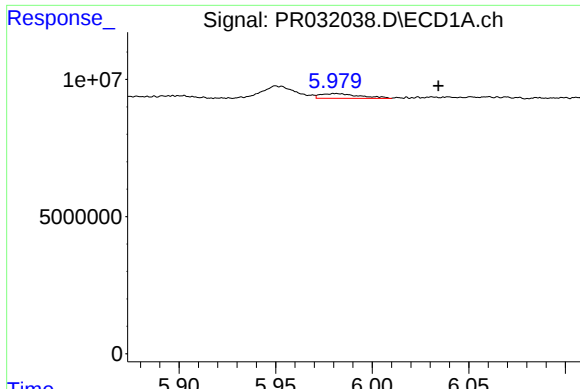
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

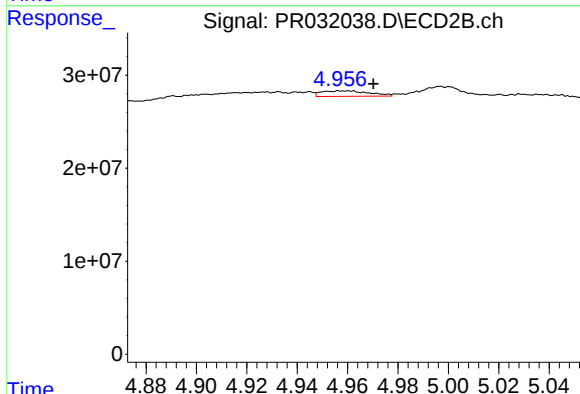
R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 3514116
Conc: 18.03 ng/ml



#13 AR-1232-3

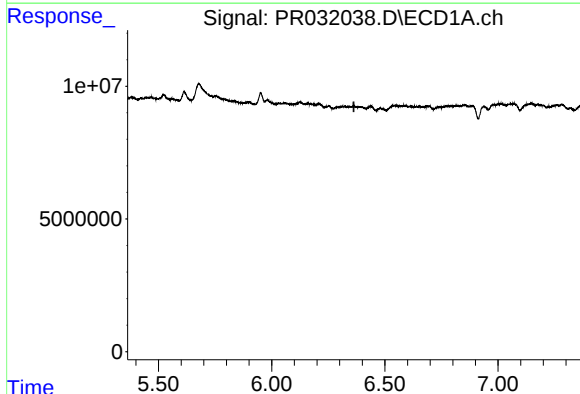
R.T.: 5.981 min
Delta R.T.: -0.053 min
Response: 2393410
Conc: 34.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



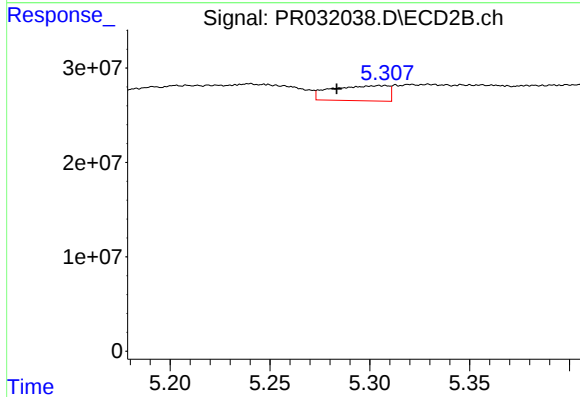
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.012 min
Response: 7919388
Conc: 13.83 ng/ml



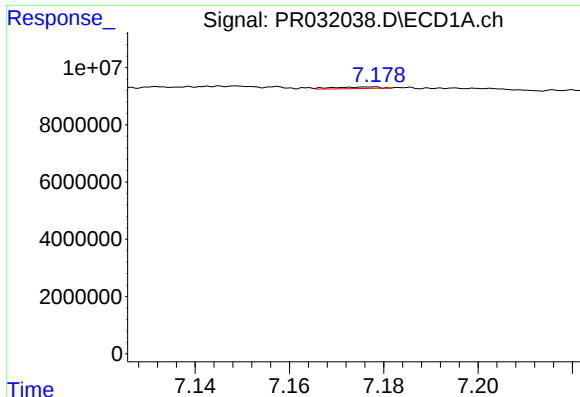
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.363 min
Response: 0
Conc: N.D.



#14 AR-1232-4

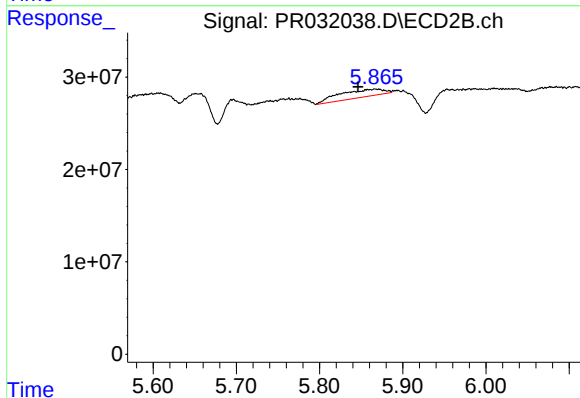
R.T.: 5.306 min
Delta R.T.: 0.022 min
Response: 31694605
Conc: 42.66 ng/ml



#15 AR-1232-5

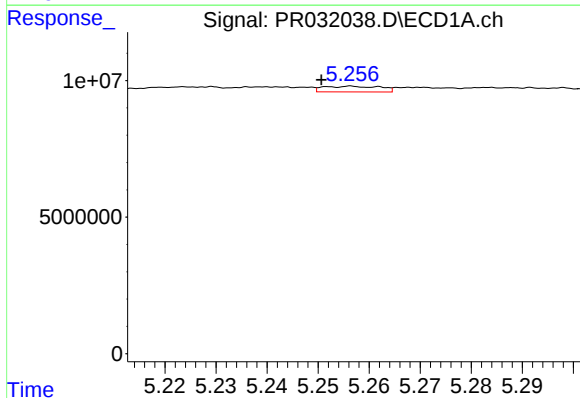
R.T.: 7.178 min
Delta R.T.: -0.058 min
Response: 370756
Conc: 7.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



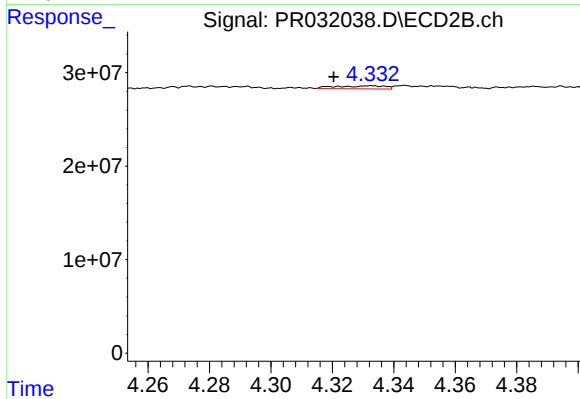
#15 AR-1232-5

R.T.: 5.871 min
Delta R.T.: 0.024 min
Response: 30885294
Conc: 326.14 ng/ml



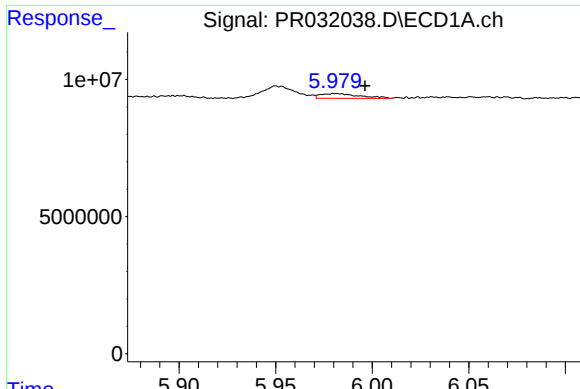
#16 AR-1242-1

R.T.: 5.257 min
Delta R.T.: 0.006 min
Response: 1630208
Conc: 6.18 ng/ml



#16 AR-1242-1

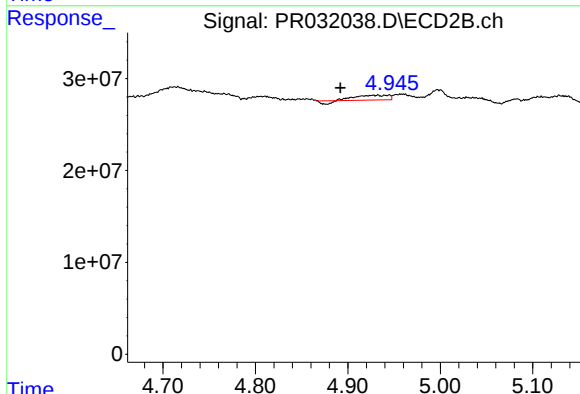
R.T.: 4.333 min
Delta R.T.: 0.012 min
Response: 3779182
Conc: 6.38 ng/ml



#17 AR-1242-2

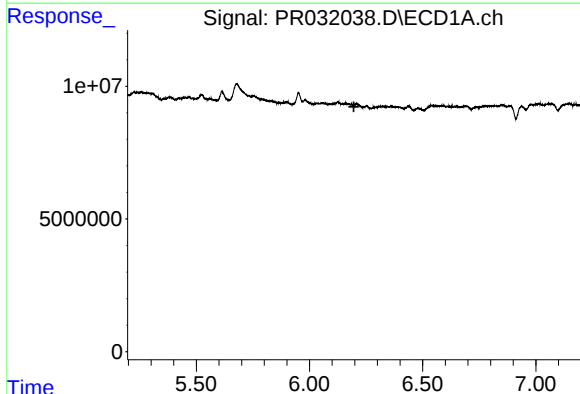
R.T.: 5.981 min
Delta R.T.: -0.015 min
Response: 2393410
Conc: 5.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



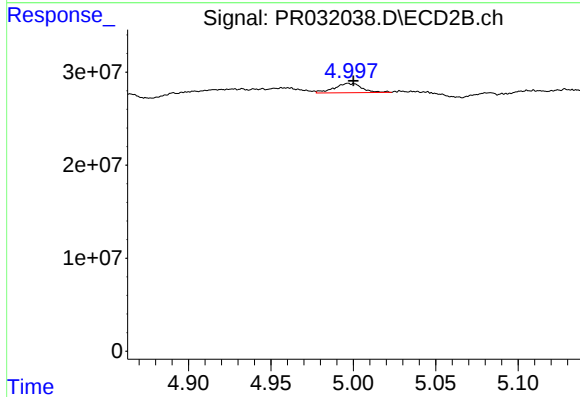
#17 AR-1242-2

R.T.: 4.933 min
Delta R.T.: 0.041 min
Response: 11042431
Conc: 8.99 ng/ml



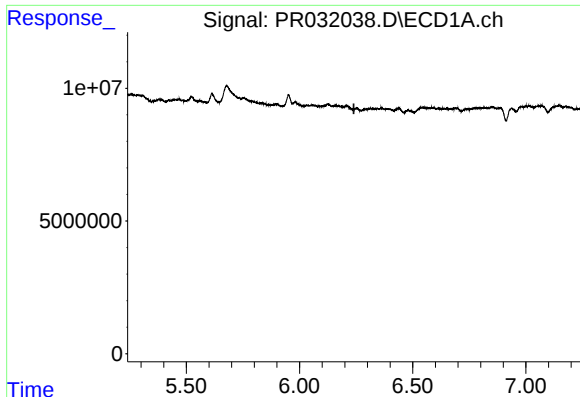
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#18 AR-1242-3

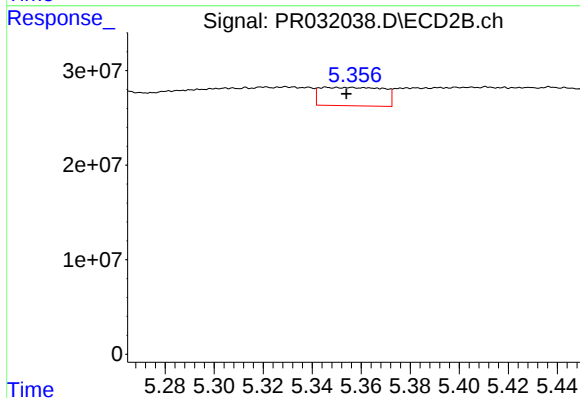
R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 11810818
Conc: 28.23 ng/ml



#19 AR-1242-4

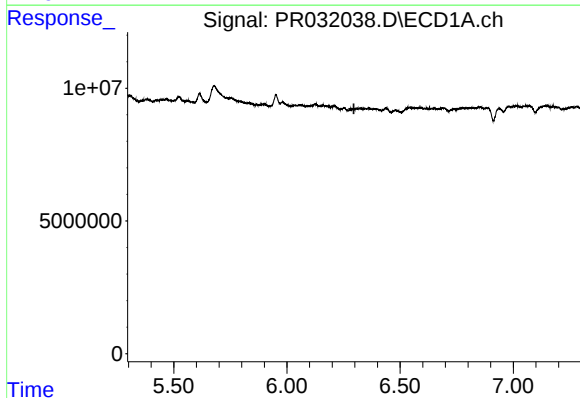
R.T.: 0.000 min
Exp R.T.: 6.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



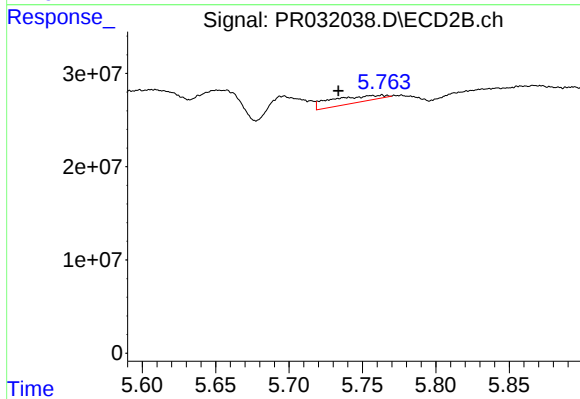
#19 AR-1242-4

R.T.: 5.346 min
Delta R.T.: -0.008 min
Response: 34948658
Conc: 89.10 ng/ml



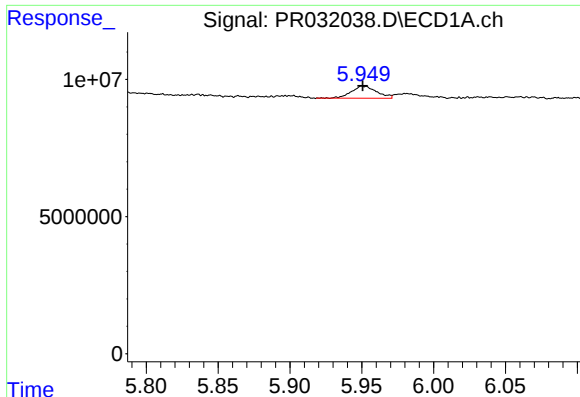
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.296 min
Response: 0
Conc: N.D.



#20 AR-1242-5

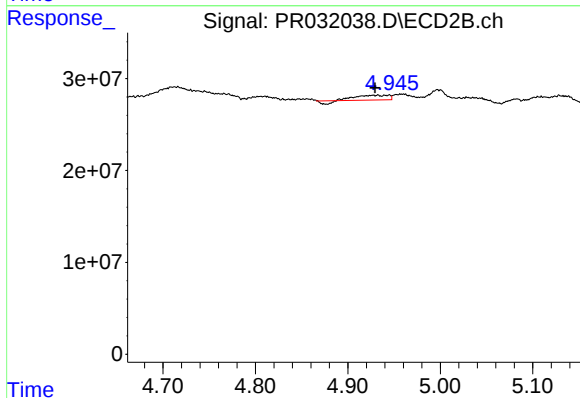
R.T.: 5.763 min
Delta R.T.: 0.030 min
Response: 17615305
Conc: 20.18 ng/ml



#21 AR-1248-1

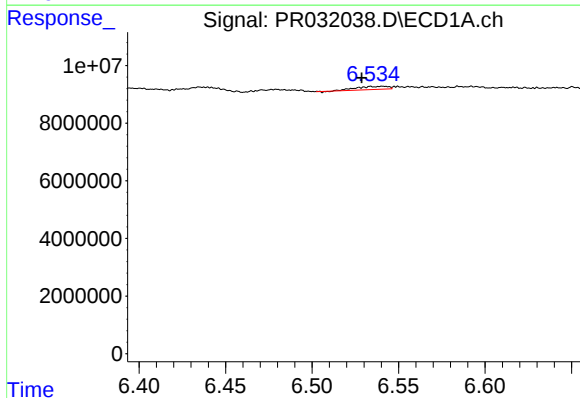
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 5386088
Conc: 6.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



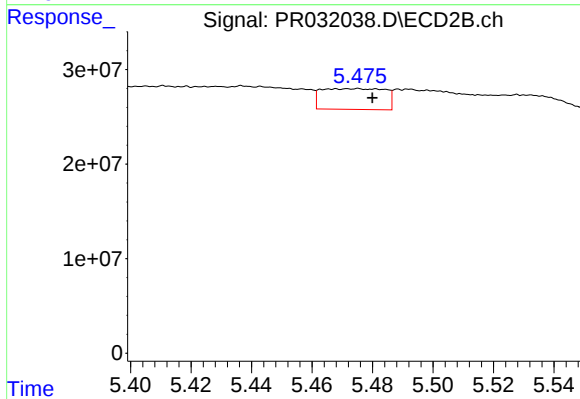
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.003 min
Response: 11042431
Conc: 6.46 ng/ml



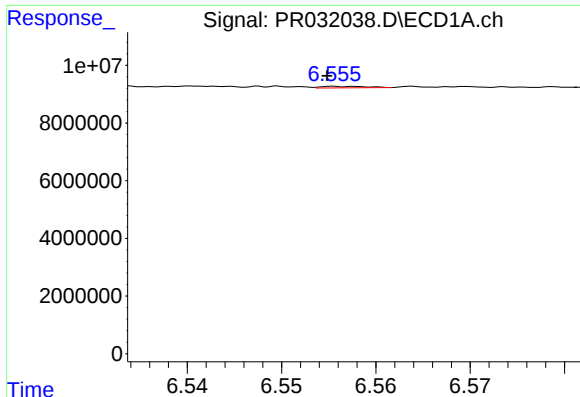
#22 AR-1248-2

R.T.: 6.534 min
Delta R.T.: 0.005 min
Response: 1336152
Conc: 1.67 ng/ml



#22 AR-1248-2

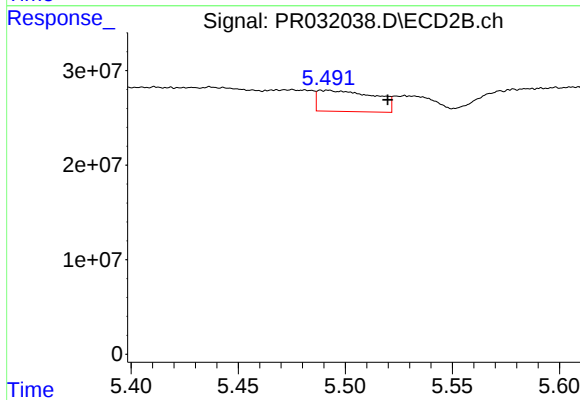
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 32146366
Conc: 9.29 ng/ml



#23 AR-1248-3

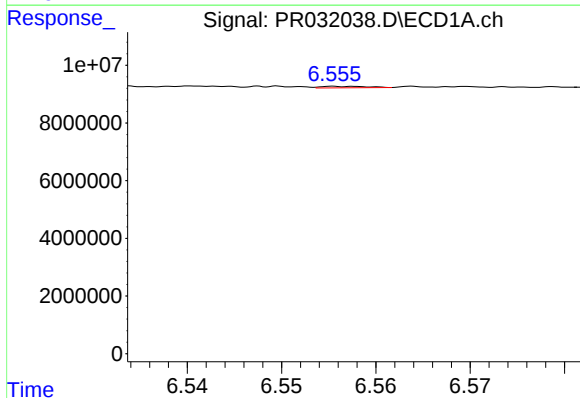
R.T.: 6.556 min
Delta R.T.: 0.001 min
Response: 171778
Conc: 0.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



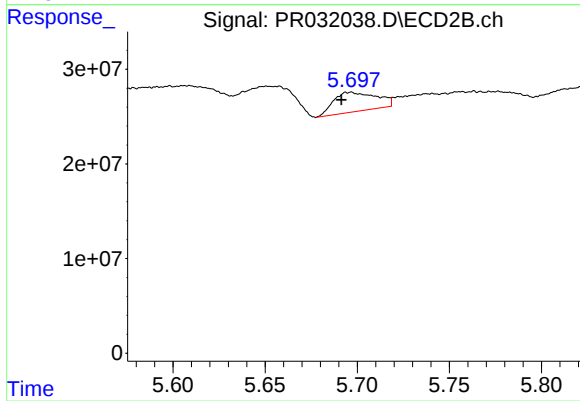
#23 AR-1248-3

R.T.: 5.492 min
Delta R.T.: -0.028 min
Response: 41326641
Conc: 16.75 ng/ml



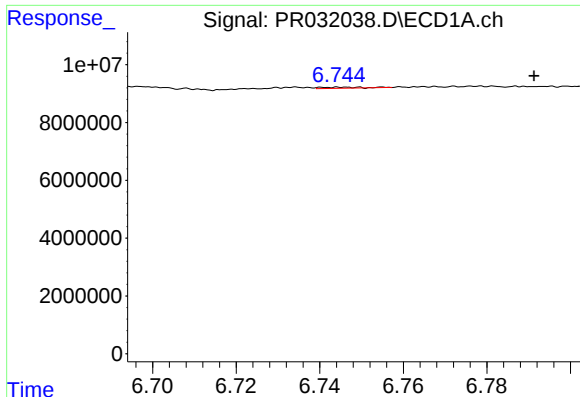
#24 AR-1248-4

R.T.: 6.556 min
Delta R.T.: -0.039 min
Response: 171778
Conc: 0.17 ng/ml



#24 AR-1248-4

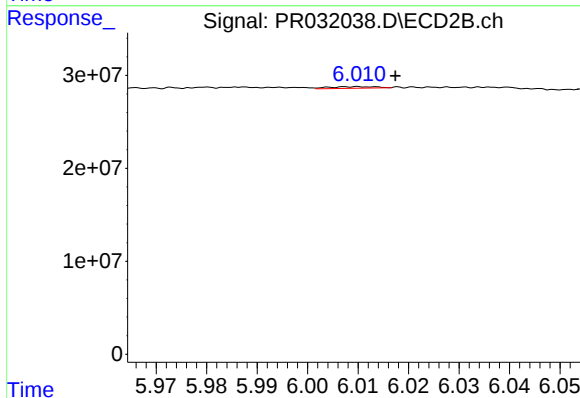
R.T.: 5.696 min
Delta R.T.: 0.005 min
Response: 33223028
Conc: 13.43 ng/ml



#25 AR-1248-5

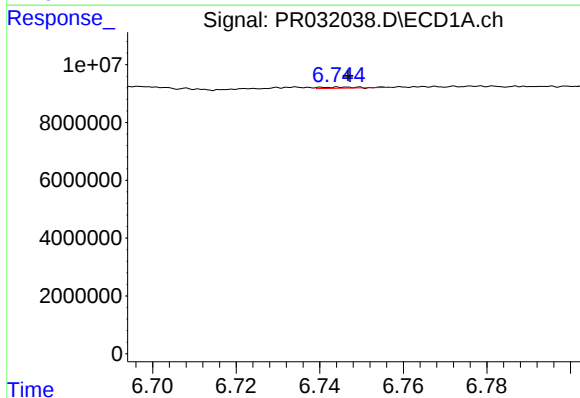
R.T.: 6.750 min
Delta R.T.: -0.042 min
Response: 261148
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



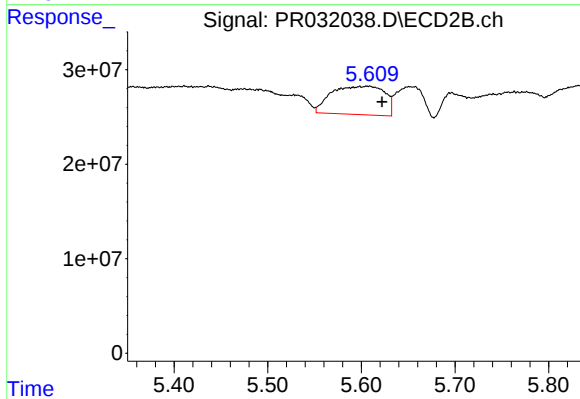
#25 AR-1248-5

R.T.: 6.010 min
Delta R.T.: -0.008 min
Response: 1113043
Conc: 0.70 ng/ml



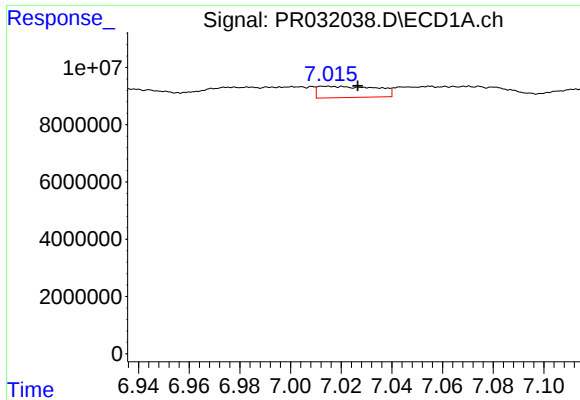
#26 AR-1254-1

R.T.: 6.750 min
Delta R.T.: 0.003 min
Response: 261148
Conc: 0.14 ng/ml



#26 AR-1254-1

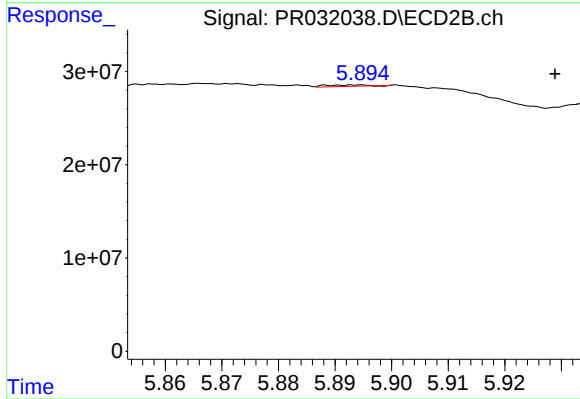
R.T.: 5.598 min
Delta R.T.: -0.024 min
Response: 118495179
Conc: 31.50 ng/ml



#27 AR-1254-2

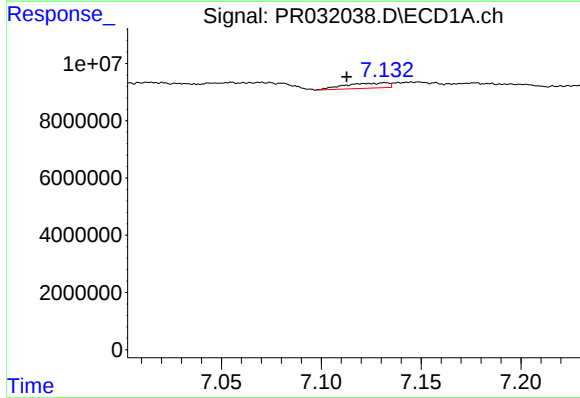
R.T.: 7.015 min
Delta R.T.: -0.012 min
Response: 6341762
Conc: 5.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



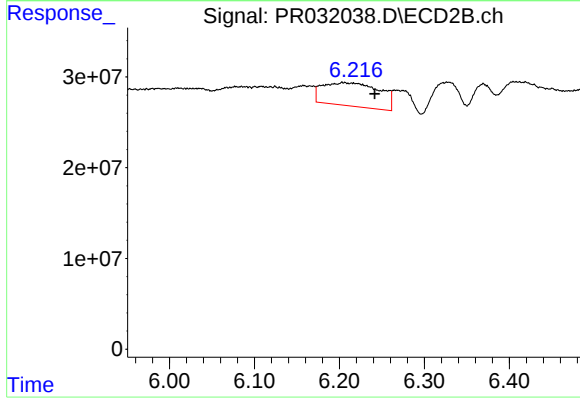
#27 AR-1254-2

R.T.: 5.894 min
Delta R.T.: -0.035 min
Response: 893908
Conc: 0.31 ng/ml



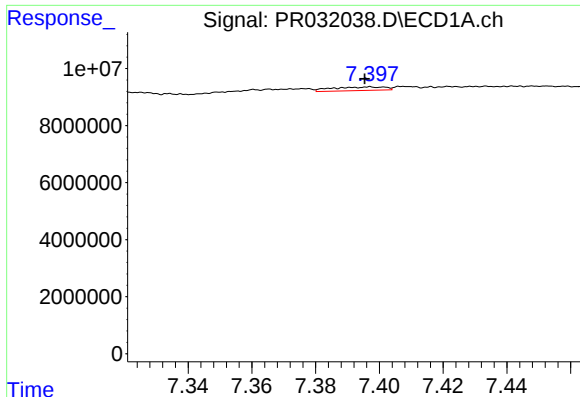
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: 0.019 min
Response: 2765441
Conc: 1.33 ng/ml



#28 AR-1254-3

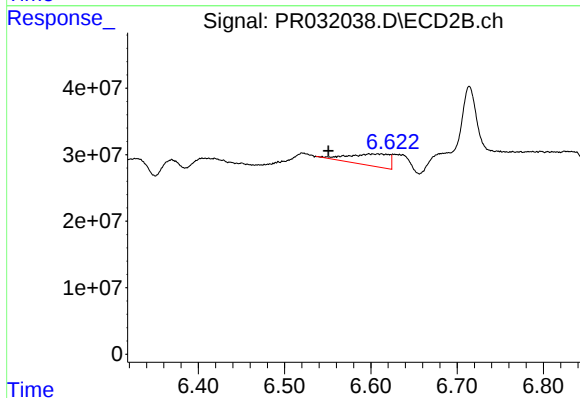
R.T.: 6.204 min
Delta R.T.: -0.038 min
Response: 119778711
Conc: 26.56 ng/ml



#29 AR-1254-4

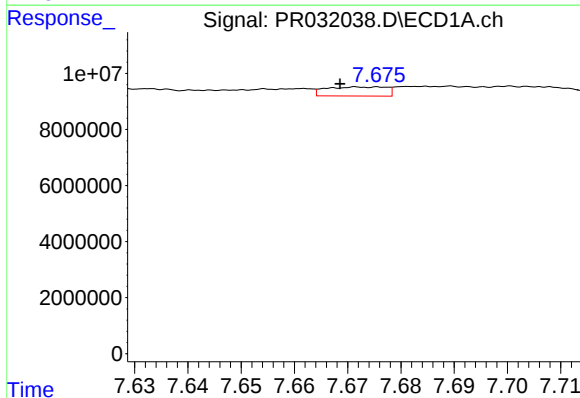
R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 1459725
Conc: 0.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



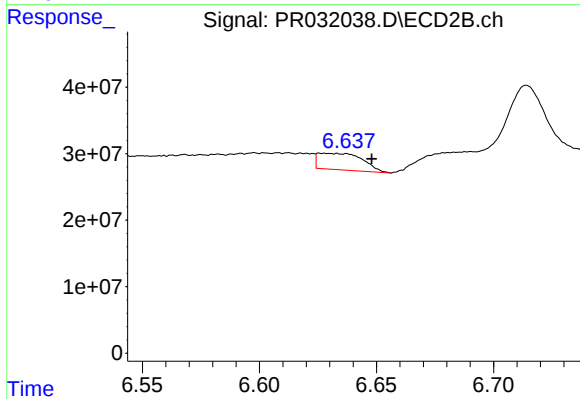
#29 AR-1254-4

R.T.: 6.598 min
Delta R.T.: 0.047 min
Response: 57424714
Conc: 26.45 ng/ml



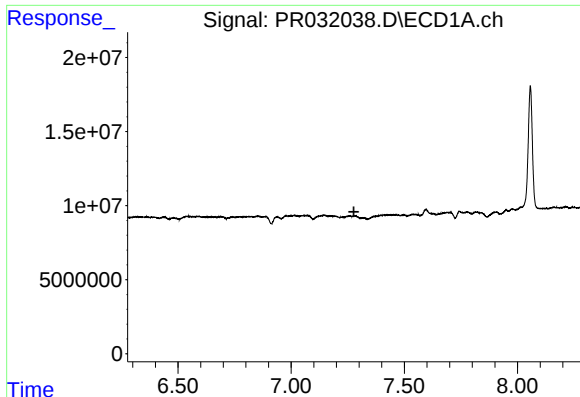
#30 AR-1254-5

R.T.: 7.672 min
Delta R.T.: 0.003 min
Response: 2563416
Conc: 2.24 ng/ml



#30 AR-1254-5

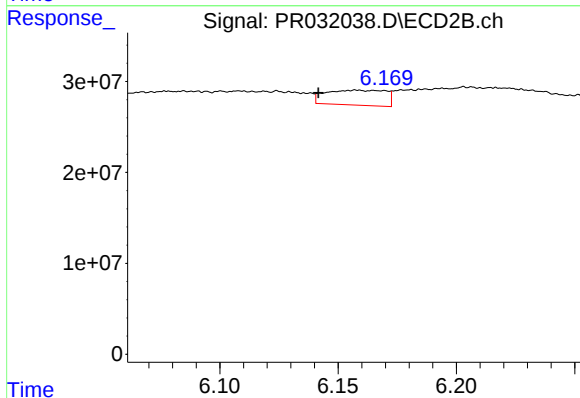
R.T.: 6.627 min
Delta R.T.: -0.021 min
Response: 32915859
Conc: 8.35 ng/ml



#31 AR-1260-1

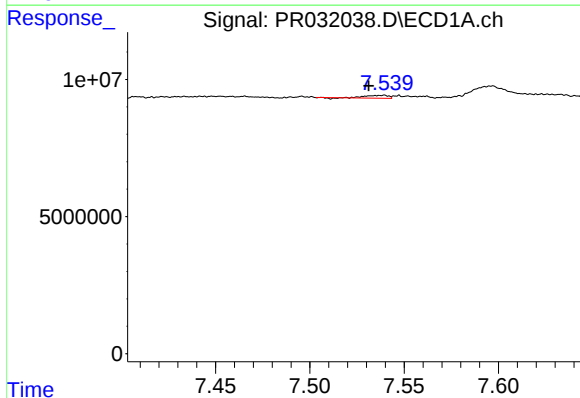
R.T.: 0.000 min
Exp R.T.: 7.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



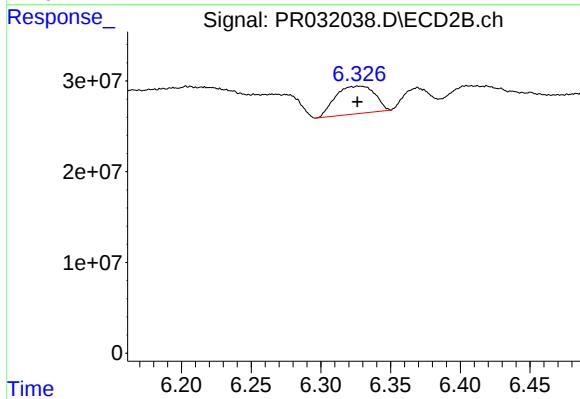
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.016 min
Response: 29085870
Conc: 8.37 ng/ml



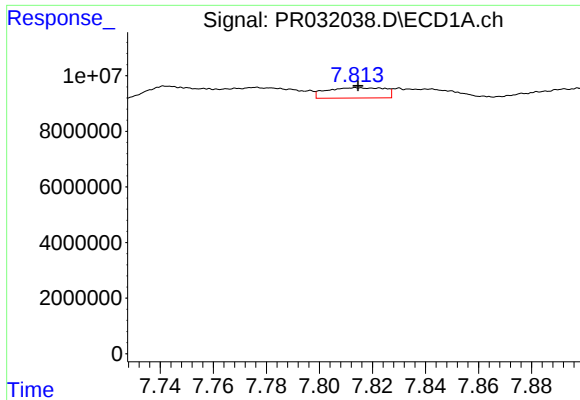
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.009 min
Response: 815283
Conc: 0.51 ng/ml



#32 AR-1260-2

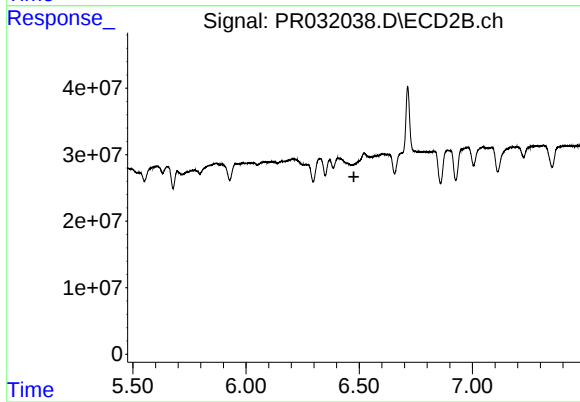
R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 59849987
Conc: 14.09 ng/ml



#33 AR-1260-3

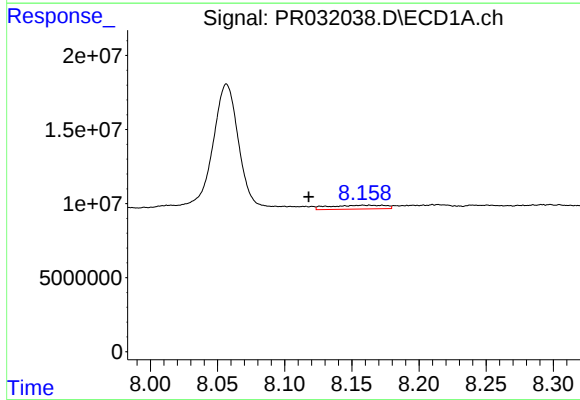
R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 5610966
Conc: 3.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



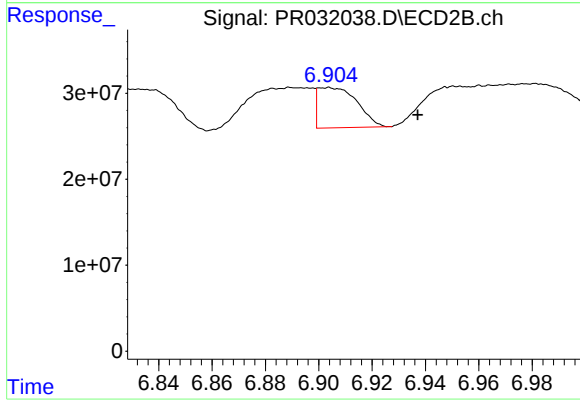
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.477 min
Response: 0
Conc: N.D.



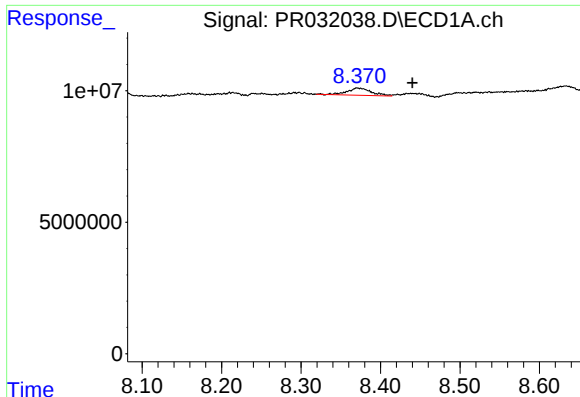
#34 AR-1260-4

R.T.: 8.158 min
Delta R.T.: 0.040 min
Response: 7400307
Conc: 6.19 ng/ml



#34 AR-1260-4

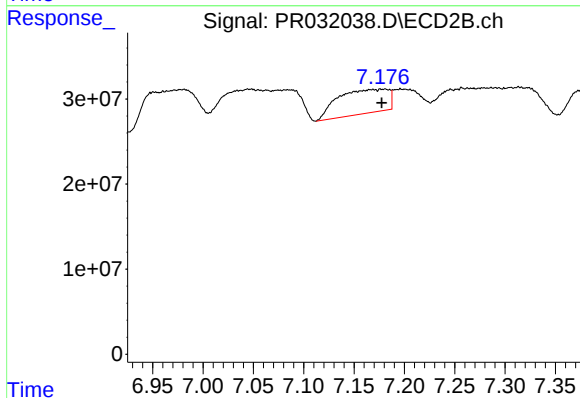
R.T.: 6.903 min
Delta R.T.: -0.034 min
Response: 48056893
Conc: 23.02 ng/ml



#35 AR-1260-5

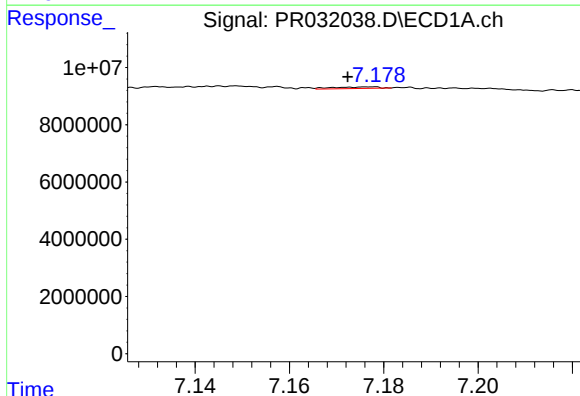
R.T.: 8.371 min
Delta R.T.: -0.070 min
Response: 5666223
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



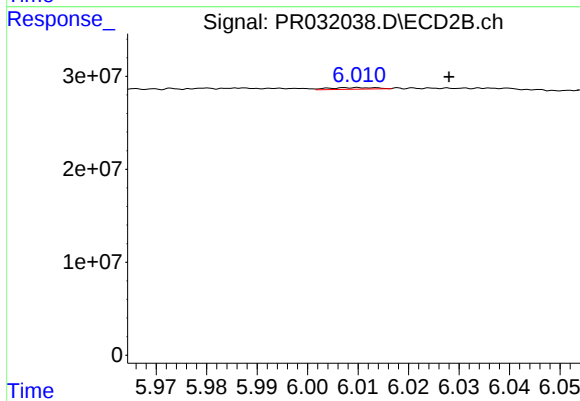
#35 AR-1260-5

R.T.: 7.169 min
Delta R.T.: -0.009 min
Response: 99060624
Conc: 22.47 ng/ml



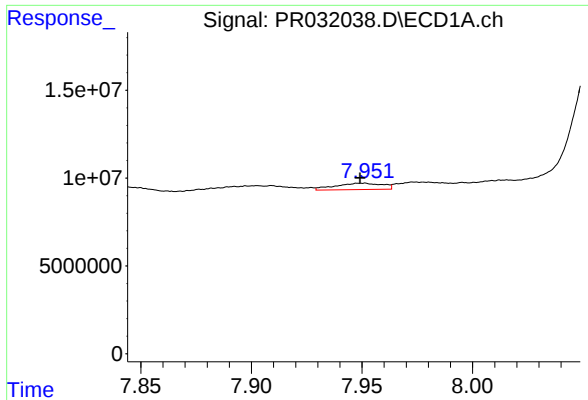
#36 AR-1262-1

R.T.: 7.178 min
Delta R.T.: 0.005 min
Response: 370756
Conc: 0.53 ng/ml



#36 AR-1262-1

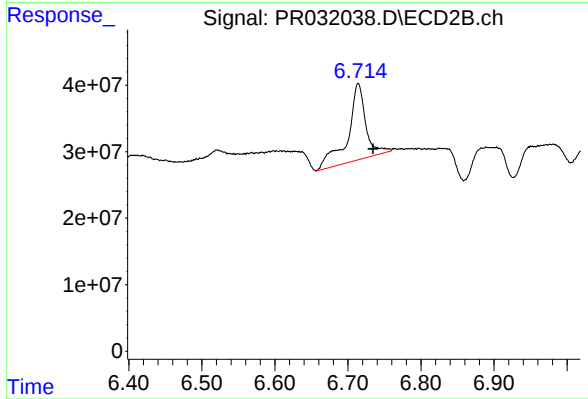
R.T.: 6.010 min
Delta R.T.: -0.018 min
Response: 1113043
Conc: 0.63 ng/ml



#37 AR-1262-2

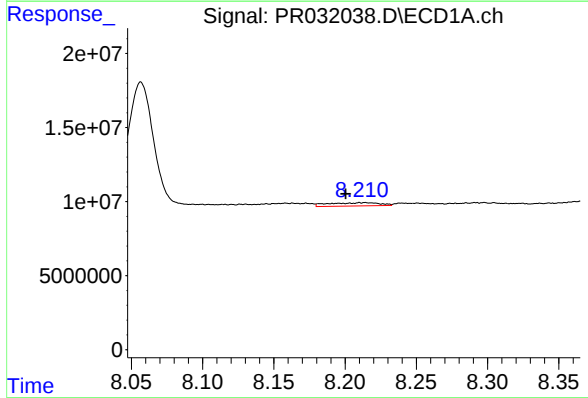
R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 5359932
Conc: 8.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



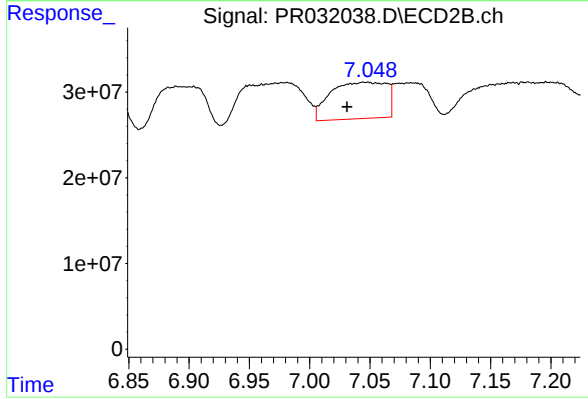
#37 AR-1262-2

R.T.: 6.714 min
Delta R.T.: -0.020 min
Response: 195593745
Conc: 143.52 ng/ml



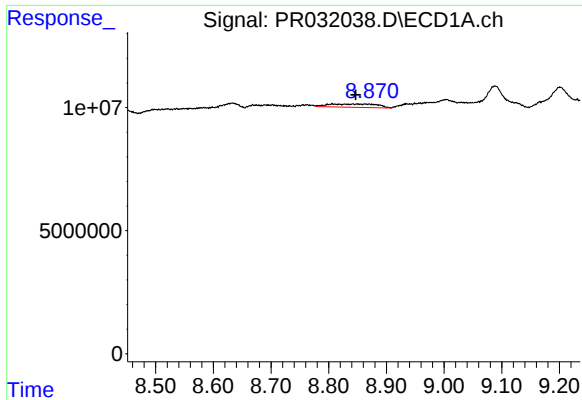
#38 AR-1262-3

R.T.: 8.214 min
Delta R.T.: 0.014 min
Response: 5482319
Conc: 11.05 ng/ml



#38 AR-1262-3

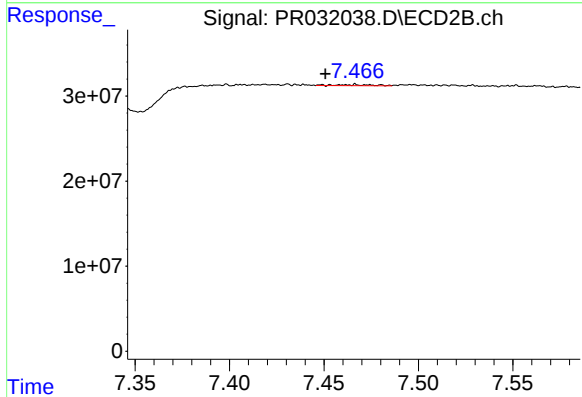
R.T.: 7.048 min
Delta R.T.: 0.017 min
Response: 137565719
Conc: 118.05 ng/ml



#39 AR-1262-4

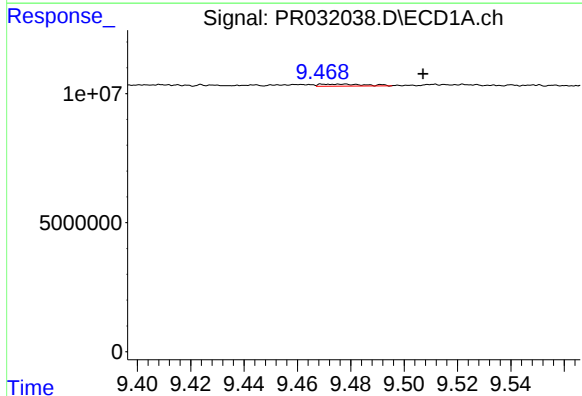
R.T.: 8.806 min
Delta R.T.: -0.041 min
Response: 7736332
Conc: 5.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



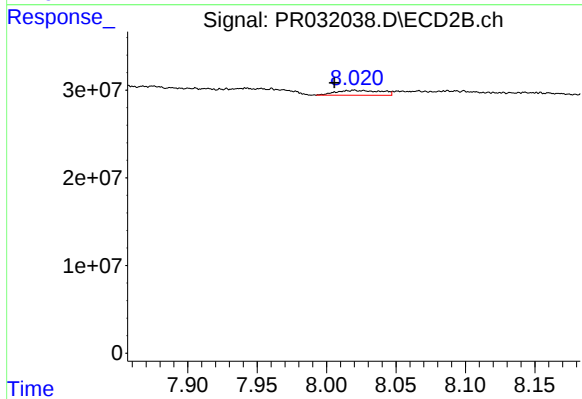
#39 AR-1262-4

R.T.: 7.467 min
Delta R.T.: 0.016 min
Response: 1905525
Conc: 1.28 ng/ml



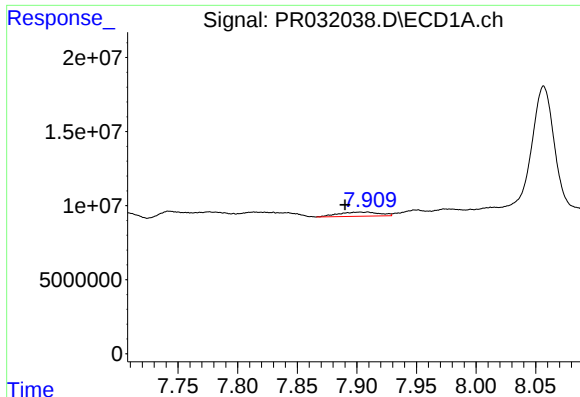
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.030 min
Response: 938968
Conc: 0.85 ng/ml



#40 AR-1262-5

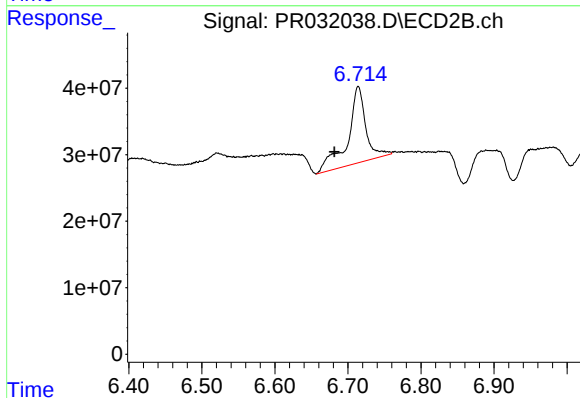
R.T.: 8.020 min
Delta R.T.: 0.014 min
Response: 12835135
Conc: 11.82 ng/ml



#41 AR-1268-1

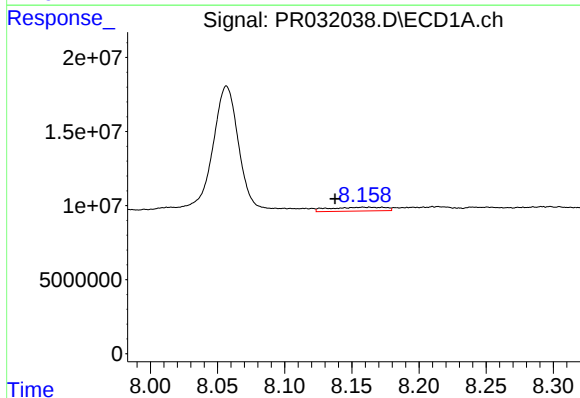
R.T.: 7.909 min
Delta R.T.: 0.019 min
Response: 6790834
Conc: 9.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



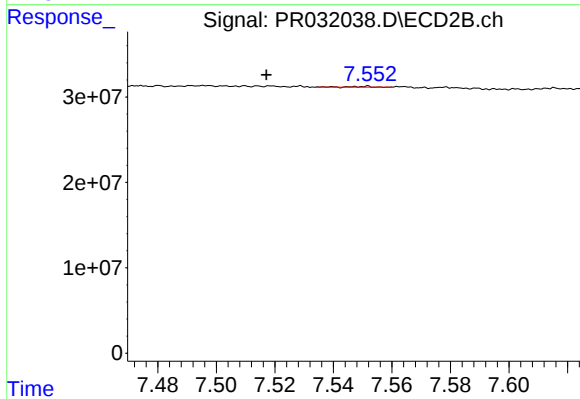
#41 AR-1268-1

R.T.: 6.714 min
Delta R.T.: 0.033 min
Response: 195593745
Conc: 127.37 ng/ml



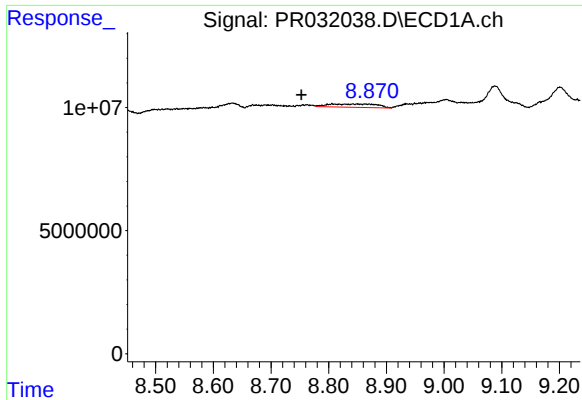
#42 AR-1268-2

R.T.: 8.158 min
Delta R.T.: 0.021 min
Response: 7400307
Conc: 8.41 ng/ml



#42 AR-1268-2

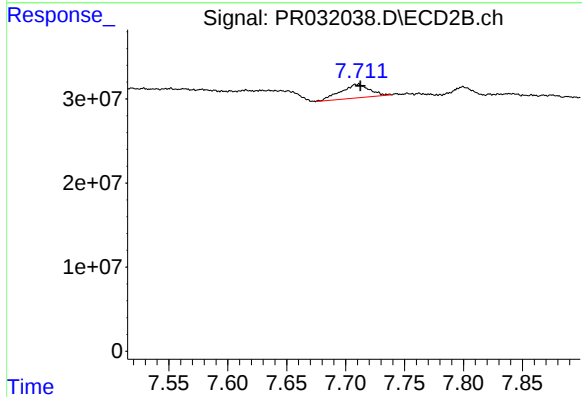
R.T.: 7.552 min
Delta R.T.: 0.034 min
Response: 328213
Conc: 0.09 ng/ml



#43 AR-1268-3

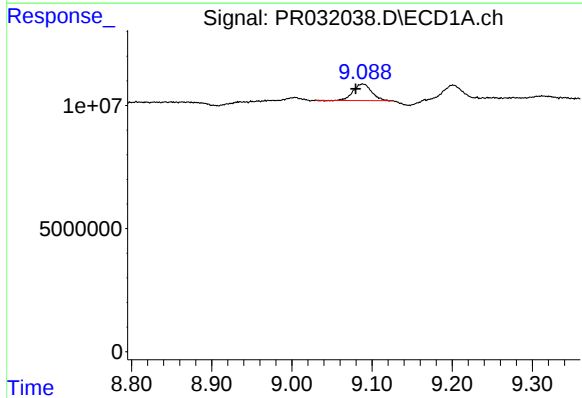
R.T.: 8.806 min
Delta R.T.: 0.053 min
Response: 7736332
Conc: 2.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



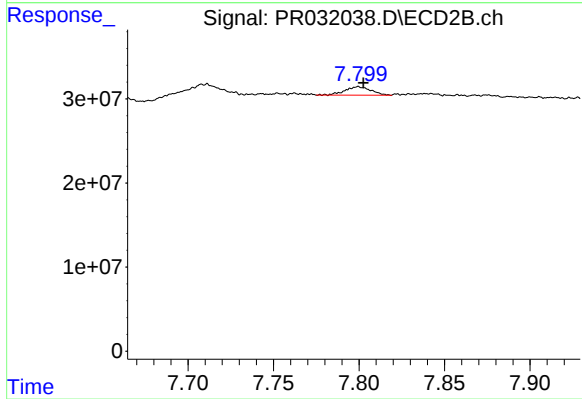
#43 AR-1268-3

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 27615342
Conc: 9.78 ng/ml



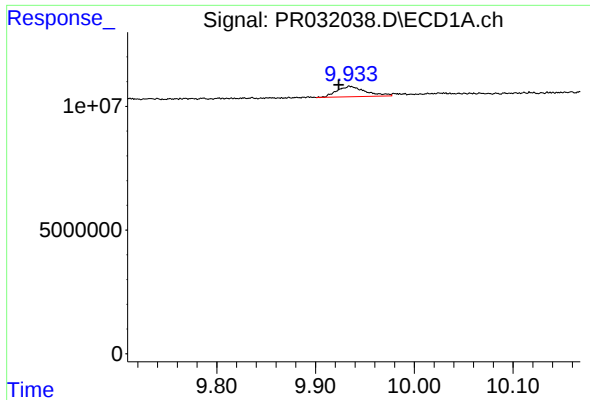
#44 AR-1268-4

R.T.: 9.089 min
Delta R.T.: 0.009 min
Response: 10682792
Conc: 3.49 ng/ml



#44 AR-1268-4

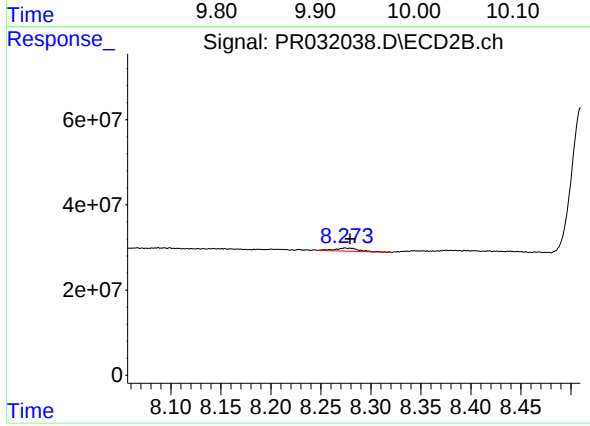
R.T.: 7.800 min
Delta R.T.: -0.003 min
Response: 10585731
Conc: 12.55 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.011 min
Response: 8556919
Conc: 0.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 11729880
Conc: 1.66 ng/ml