

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 23:31
 Operator : SM\SJ
 Sample : J5019-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:33:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 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...	4.513	3.644	382.9E6	688.1E6	19.261	16.444
2)	SA Decachlor...	10.250	8.498	420.5E6	323.7E6	14.355	14.395
Target Compounds							
3)	L1 AR-1016-1	5.218	4.294	6948163	20719813	13.363	17.908 #
4)	L1 AR-1016-2	5.407	4.719	647083	80842512	1.227	47.012 #
5)	L1 AR-1016-3	5.673	4.719	96789	80842512	0.118	25.572 #
6)	L1 AR-1016-4	5.757	4.801	2969112	19954400	4.147	11.148 #
7)	L1 AR-1016-5	6.164	5.139	31958863	20913386	52.349	12.404 #
8)	L2 AR-1221-1	4.713	3.812	23077842	97404639	86.069	183.319 #
9)	L2 AR-1221-2	4.788	3.944	28339299	-684702	138.586	N.D. #
10)	L2 AR-1221-3	4.890	4.005	62084599	848872	99.533	0.677 #
11)	L3 AR-1232-1	5.698	4.457	11166757	32770304	23.121	57.078 #
12)	L3 AR-1232-2	5.867	4.607	5257787	76873561	21.188	399.337 #
13)	L3 AR-1232-3	6.018	4.939	7449100	117.7E6	65.960	213.677 #
14)	L3 AR-1232-4	6.334	5.290	32689437	105.0E6	433.341	149.262 #
15)	L3 AR-1232-5	7.232	5.801	16885139	91373	259.022	1.104 #
16)	L4 AR-1242-1	5.245	4.333	13915969	11074024	62.221	20.571 #
17)	L4 AR-1242-2	5.972	4.884	43735114	22986867	104.570	20.487 #
18)	L4 AR-1242-3	6.196	4.992	10392852	85948071	47.379	216.333 #
19)	L4 AR-1242-4	6.256	5.343	578286	9411306	3.423	25.278 #
20)	L4 AR-1242-5	6.288	5.737	4390258	18703189	7.923	22.331 #
21)	L5 AR-1248-1	5.940	4.939	6127083	117.7E6	4.892	41.256 #
22)	L5 AR-1248-2	6.505	5.470	698051	37302411	0.536	6.531 #
23)	L5 AR-1248-3	6.549	5.496	15522083	51672452	8.752	11.910 #
24)	L5 AR-1248-4	6.594	5.659	9410527	37557017	5.558	9.490 #
25)	L5 AR-1248-5	6.796	6.006	6374816	10313804	5.701	4.076 #
26)	L6 AR-1254-1	6.768	5.607	19201076	31701894	12.705	10.136
27)	L6 AR-1254-2	7.035	5.912	29325391	-2156989	29.798	N.D. #
28)	L6 AR-1254-3	7.103	6.269	2898518	8429068	1.627	2.616 #
29)	L6 AR-1254-4	7.405	6.545	11864733	16622483	8.450	8.829
30)	L6 AR-1254-5	7.640	6.634	2613130	28932376	2.731	13.140 #
31)	L7 AR-1260-1	7.274	6.145	756902	62008529	0.579	18.720 #
32)	L7 AR-1260-2	7.533	6.319	12081730	43666575	7.298	10.683 #
33)	L7 AR-1260-3	7.822	0.000	13165305	0	6.864	N.D. #
34)	L7 AR-1260-4	8.075	6.925	11057511	15671573	8.010	7.815
35)	L7 AR-1260-5	8.436	7.166	26480442	3966542	8.657	0.972 #
36)	L8 AR-1262-1	7.171	6.006	5062668	10313804	6.663	5.963
37)	L8 AR-1262-2	7.940	6.706	5258462	44070620	7.433	30.996 #
38)	L8 AR-1262-3	8.158	7.019	3974183	10079241	6.538	9.911 #
39)	L8 AR-1262-4	8.841	7.424	23328548	8249808	12.868	4.876 #
40)	L8 AR-1262-5	9.460	8.003	9115308	25954120	6.731	24.614 #
41)	L9 AR-1268-1	7.892	6.665	6246899	19265827	8.821	13.753 #

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 ALS Vial : 39 Sample Multiplier: 1

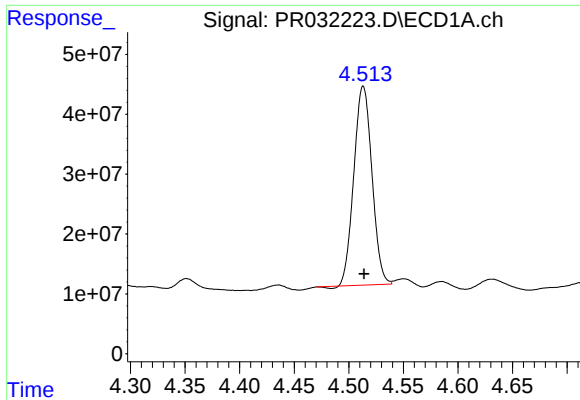
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:33:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.158	7.479	3974183	30635859	4.298	5.111
43) L9	AR-1268-3	8.754	7.703	4773242	6639621	1.120	2.360 #
44) L9	AR-1268-4	9.072	7.849	7406458	11255981	2.158	14.070 #
45) L9	AR-1268-5	9.910	0.000	7434619	0	0.730	N.D. #

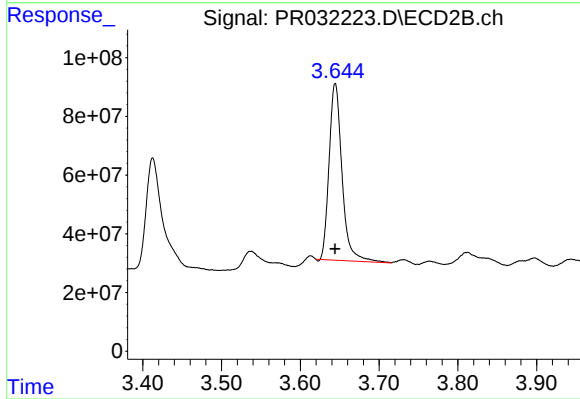
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

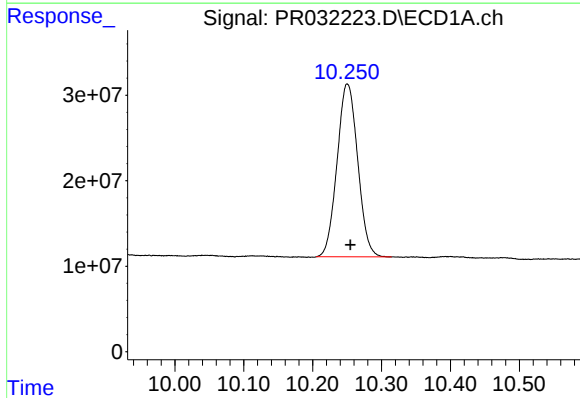
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 382918080
Conc: 19.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



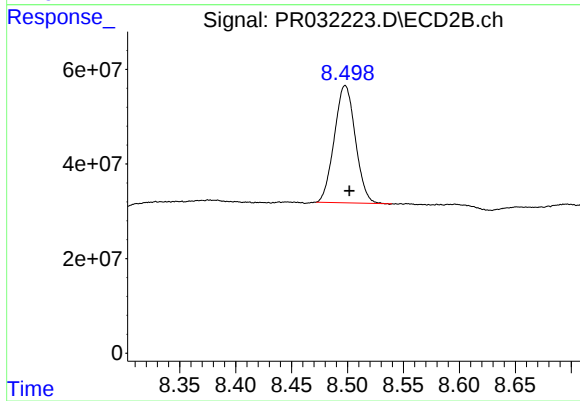
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 688117780
Conc: 16.44 ng/ml



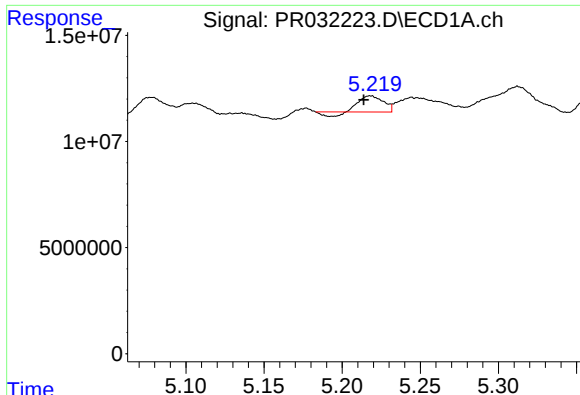
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.004 min
Response: 420499098
Conc: 14.36 ng/ml



#2 Decachlorobiphenyl

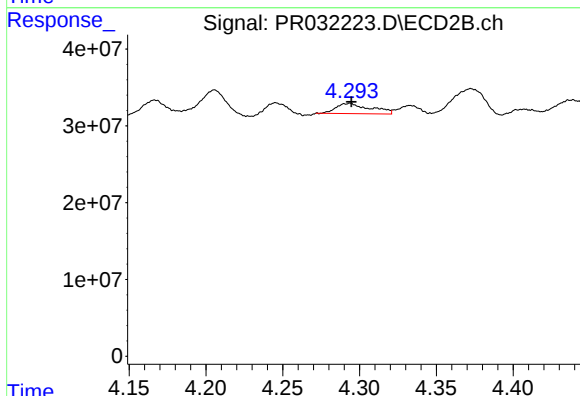
R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 323709177
Conc: 14.40 ng/ml



#3 AR-1016-1

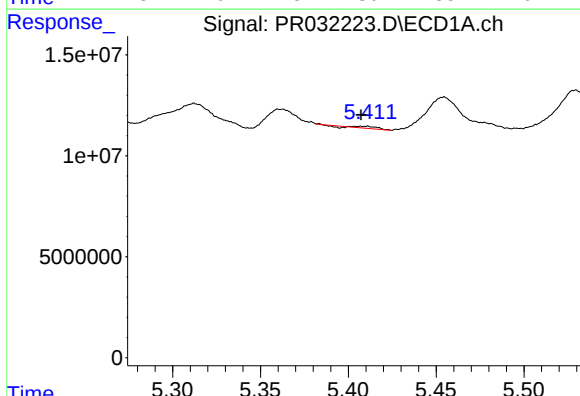
R.T.: 5.218 min
Delta R.T.: 0.004 min
Response: 6948163
Conc: 13.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



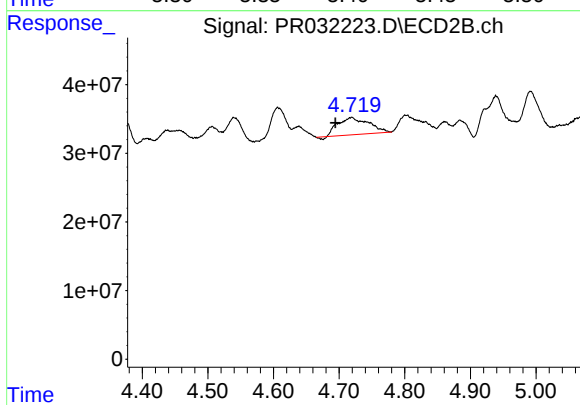
#3 AR-1016-1

R.T.: 4.294 min
Delta R.T.: -0.001 min
Response: 20719813
Conc: 17.91 ng/ml



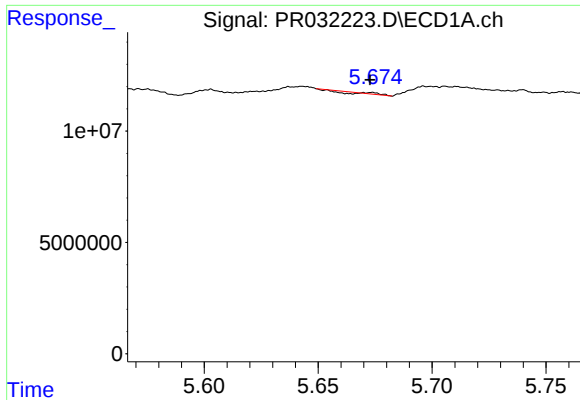
#4 AR-1016-2

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 647083
Conc: 1.23 ng/ml



#4 AR-1016-2

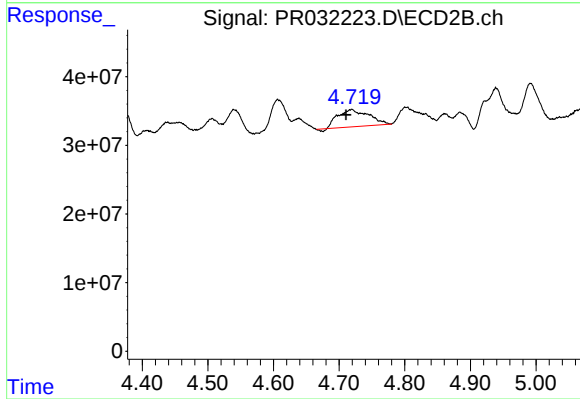
R.T.: 4.719 min
Delta R.T.: 0.025 min
Response: 80842512
Conc: 47.01 ng/ml



#5 AR-1016-3

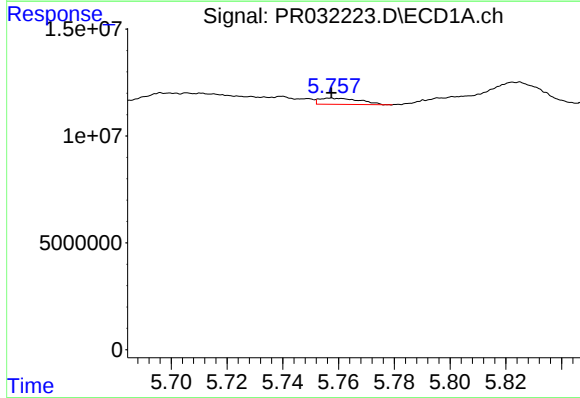
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 96789
Conc: 0.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



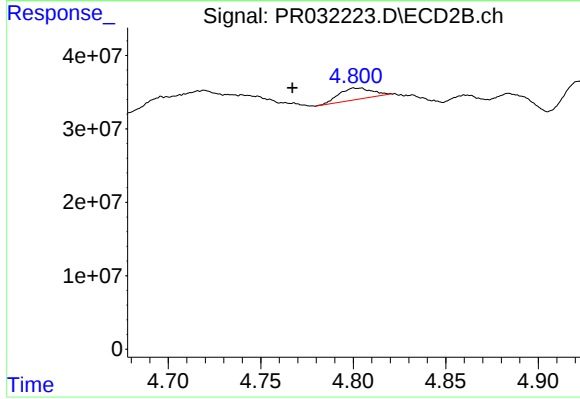
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: 0.009 min
Response: 80842512
Conc: 25.57 ng/ml



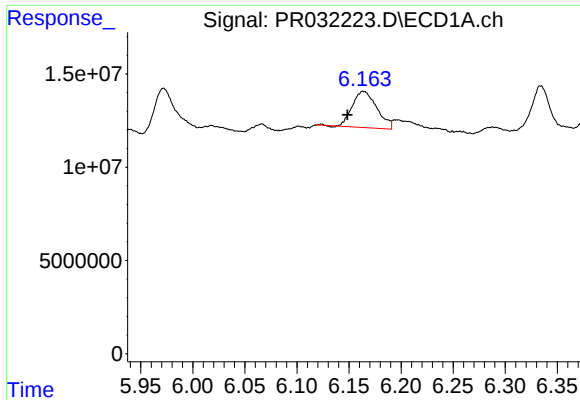
#6 AR-1016-4

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 2969112
Conc: 4.15 ng/ml



#6 AR-1016-4

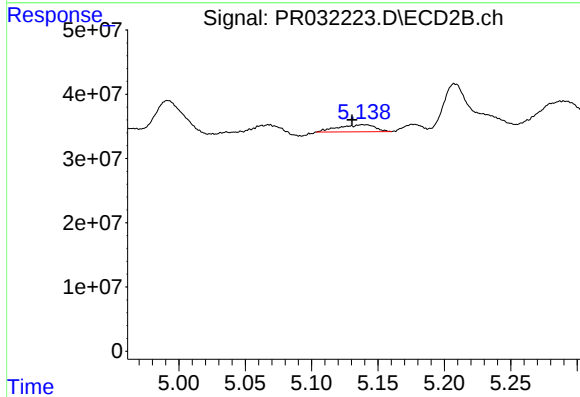
R.T.: 4.801 min
Delta R.T.: 0.034 min
Response: 19954400
Conc: 11.15 ng/ml



#7 AR-1016-5

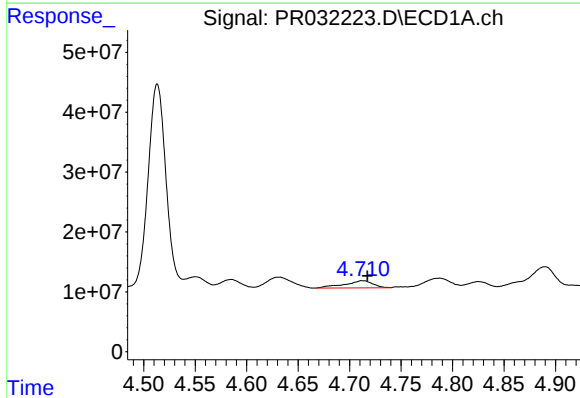
R.T.: 6.164 min
Delta R.T.: 0.015 min
Response: 31958863
Conc: 52.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



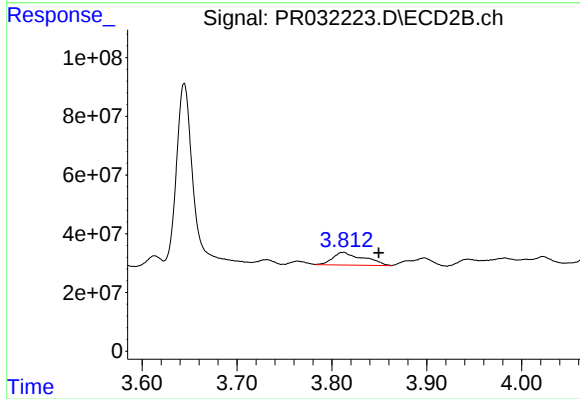
#7 AR-1016-5

R.T.: 5.139 min
Delta R.T.: 0.008 min
Response: 20913386
Conc: 12.40 ng/ml



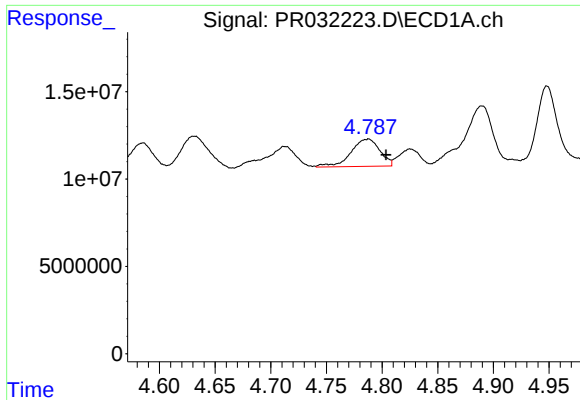
#8 AR-1221-1

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 23077842
Conc: 86.07 ng/ml



#8 AR-1221-1

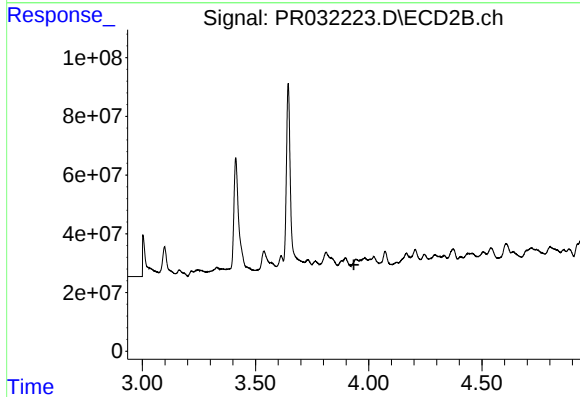
R.T.: 3.812 min
Delta R.T.: -0.037 min
Response: 97404639
Conc: 183.32 ng/ml



#9 AR-1221-2

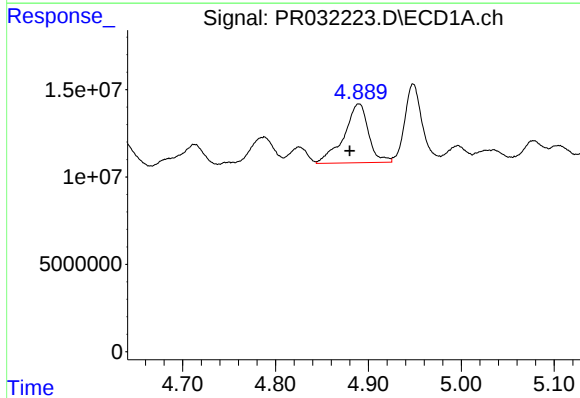
R.T.: 4.788 min
Delta R.T.: -0.016 min
Response: 28339299
Conc: 138.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



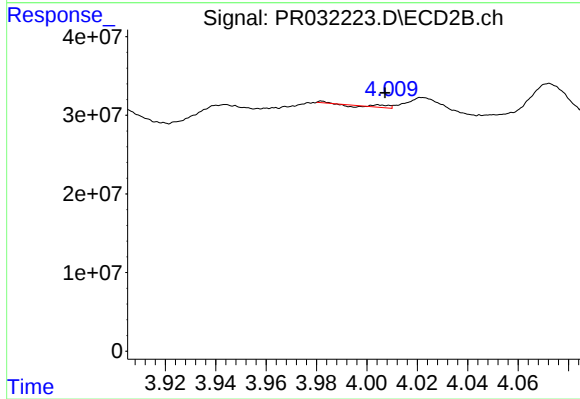
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.009 min
Response: -684702
Conc: N.D.



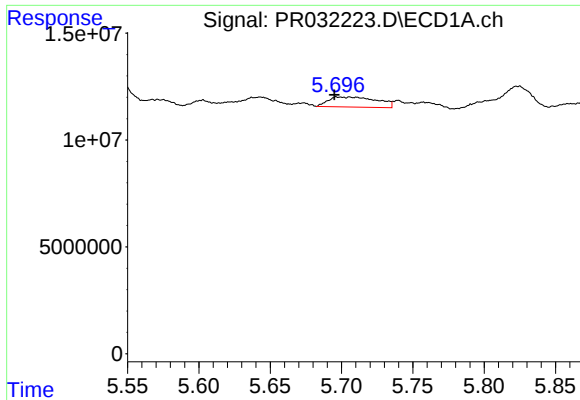
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: 0.010 min
Response: 62084599
Conc: 99.53 ng/ml



#10 AR-1221-3

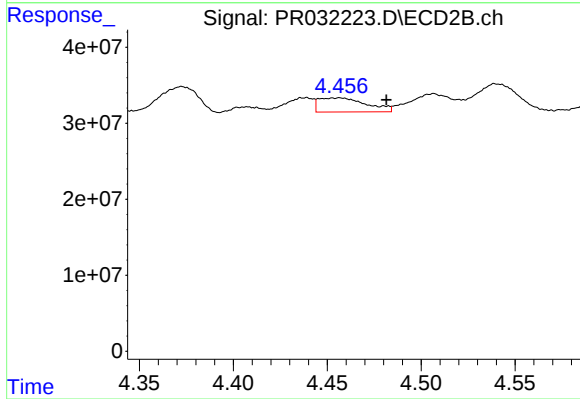
R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 848872
Conc: 0.68 ng/ml



#11 AR-1232-1

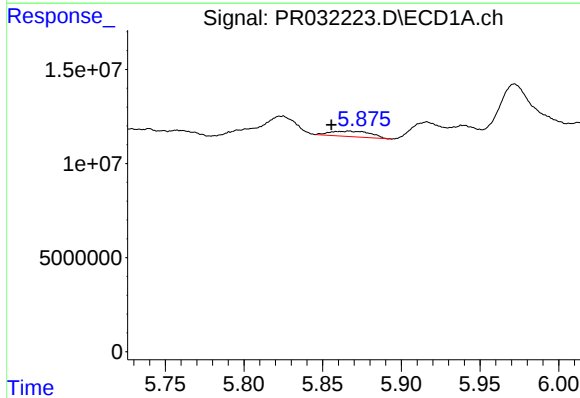
R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 11166757
Conc: 23.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



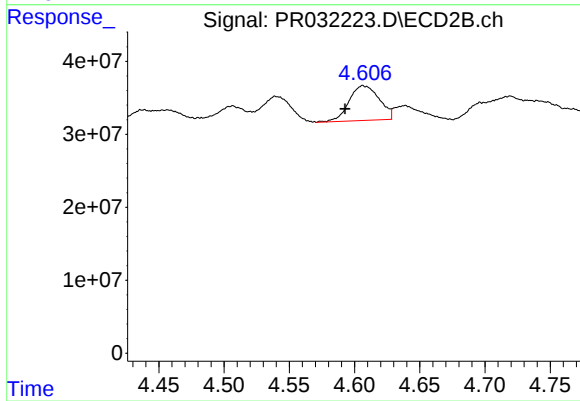
#11 AR-1232-1

R.T.: 4.457 min
Delta R.T.: -0.025 min
Response: 32770304
Conc: 57.08 ng/ml



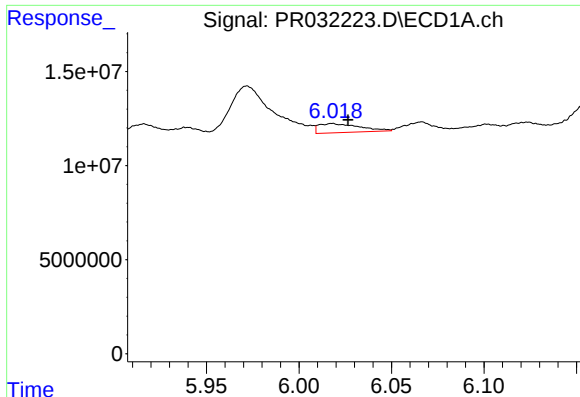
#12 AR-1232-2

R.T.: 5.867 min
Delta R.T.: 0.011 min
Response: 5257787
Conc: 21.19 ng/ml



#12 AR-1232-2

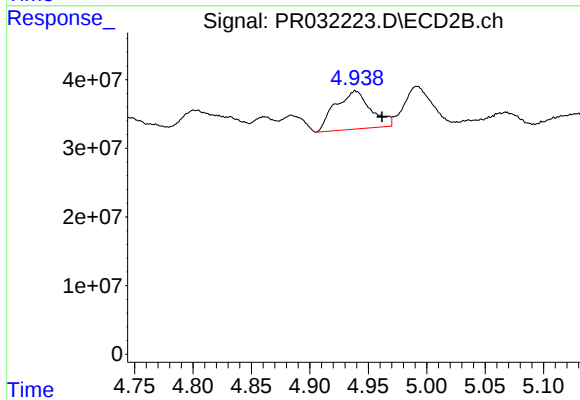
R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 76873561
Conc: 399.34 ng/ml



#13 AR-1232-3

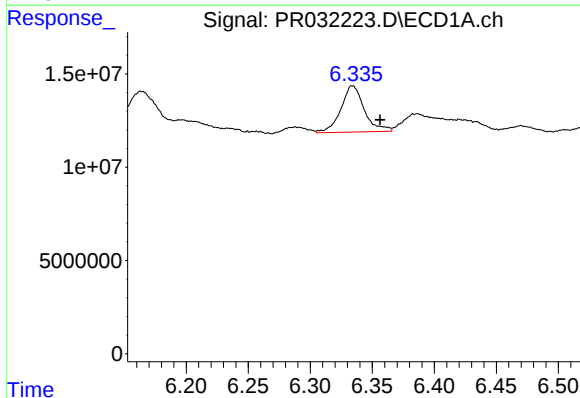
R.T.: 6.018 min
Delta R.T.: -0.008 min
Response: 7449100
Conc: 65.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



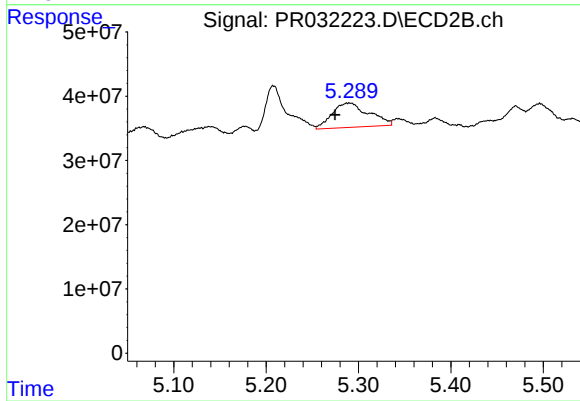
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 117749305
Conc: 213.68 ng/ml



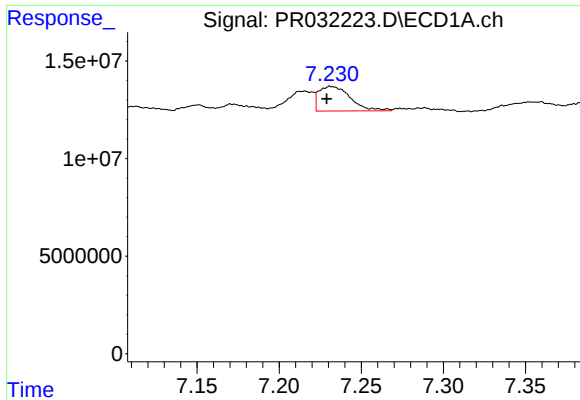
#14 AR-1232-4

R.T.: 6.334 min
Delta R.T.: -0.022 min
Response: 32689437
Conc: 433.34 ng/ml



#14 AR-1232-4

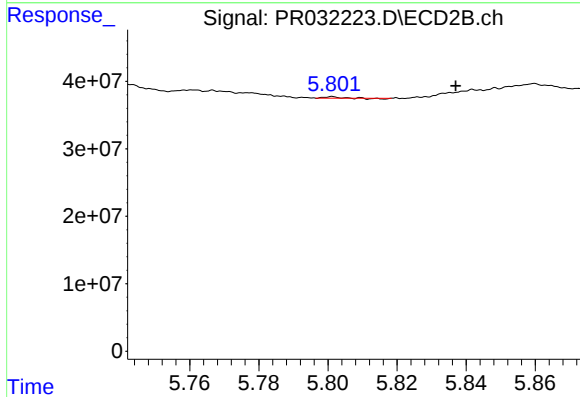
R.T.: 5.290 min
Delta R.T.: 0.015 min
Response: 105001430
Conc: 149.26 ng/ml



#15 AR-1232-5

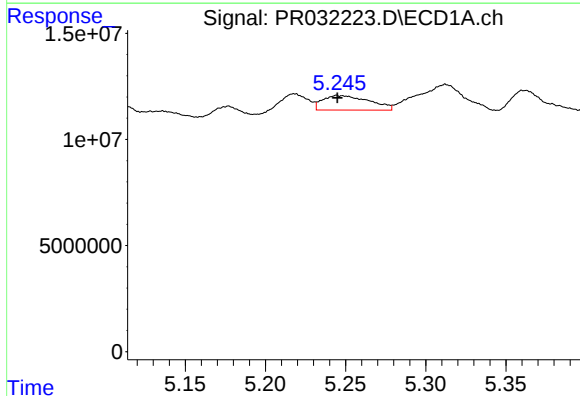
R.T.: 7.232 min
Delta R.T.: 0.003 min
Response: 16885139
Conc: 259.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



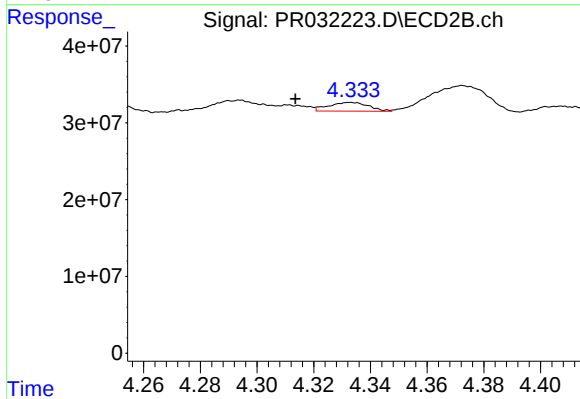
#15 AR-1232-5

R.T.: 5.801 min
Delta R.T.: -0.036 min
Response: 91373
Conc: 1.10 ng/ml



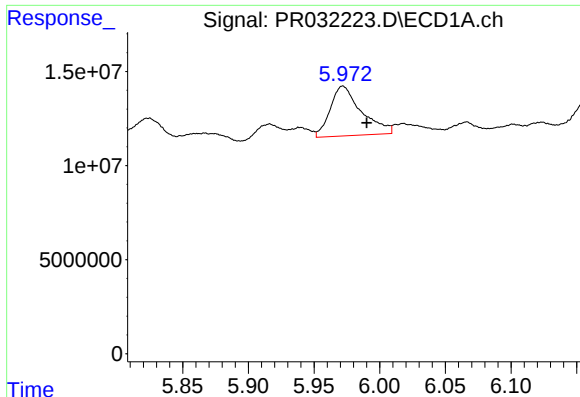
#16 AR-1242-1

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 13915969
Conc: 62.22 ng/ml



#16 AR-1242-1

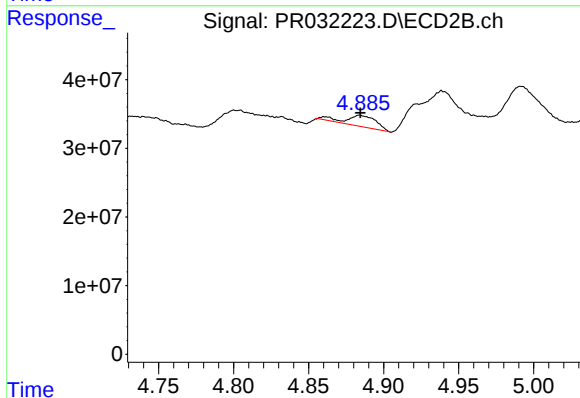
R.T.: 4.333 min
Delta R.T.: 0.020 min
Response: 11074024
Conc: 20.57 ng/ml



#17 AR-1242-2

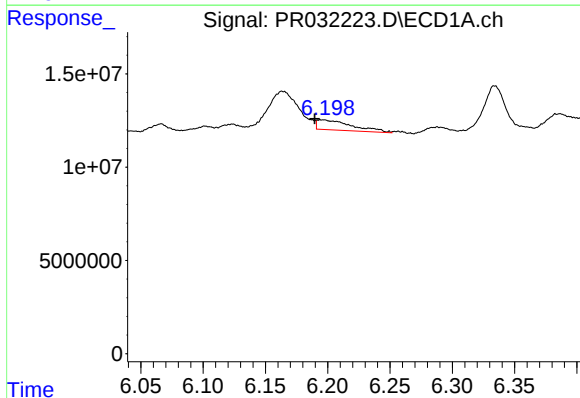
R.T.: 5.972 min
Delta R.T.: -0.018 min
Response: 43735114
Conc: 104.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



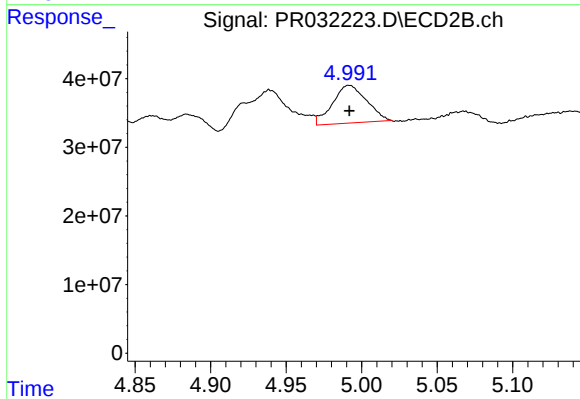
#17 AR-1242-2

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 22986867
Conc: 20.49 ng/ml



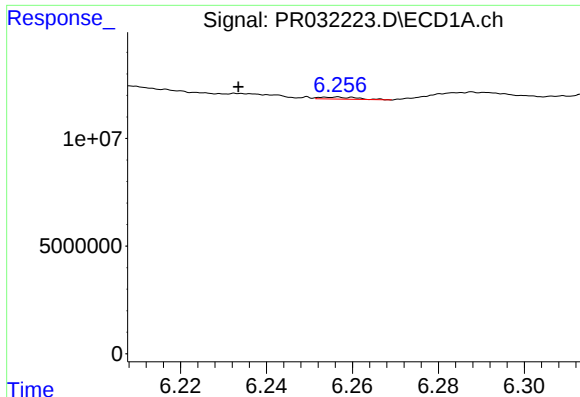
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.007 min
Response: 10392852
Conc: 47.38 ng/ml



#18 AR-1242-3

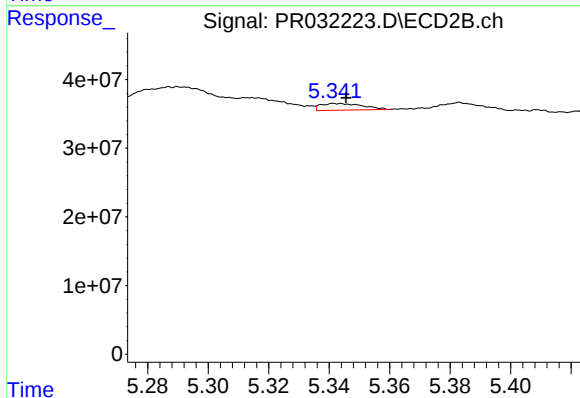
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 85948071
Conc: 216.33 ng/ml



#19 AR-1242-4

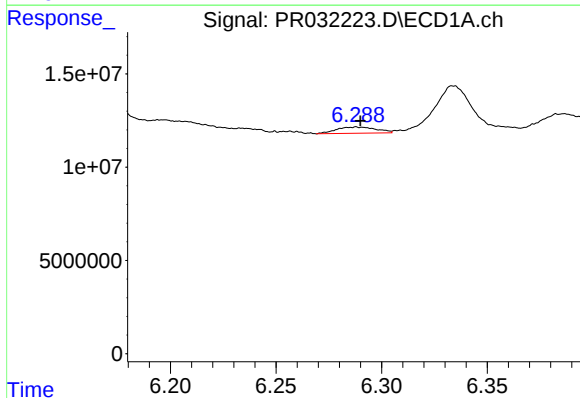
R.T.: 6.256 min
Delta R.T.: 0.022 min
Response: 578286
Conc: 3.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



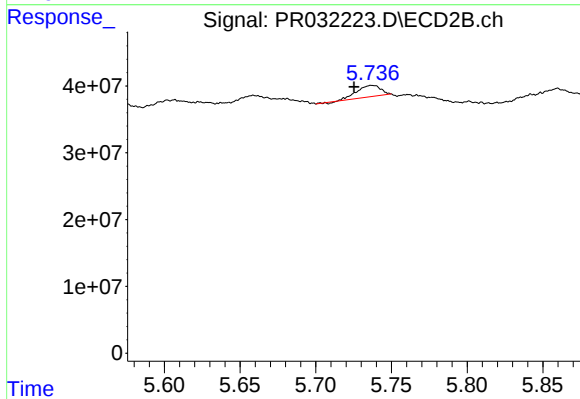
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 9411306
Conc: 25.28 ng/ml



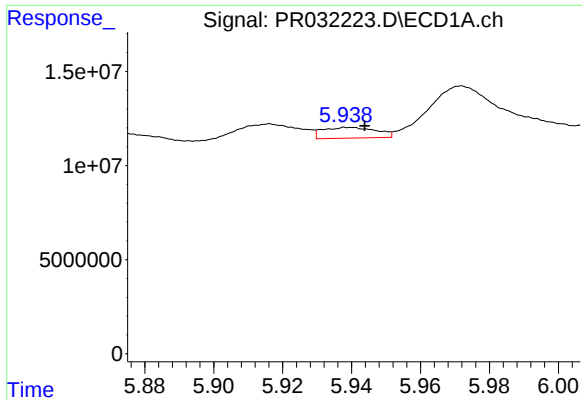
#20 AR-1242-5

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 4390258
Conc: 7.92 ng/ml



#20 AR-1242-5

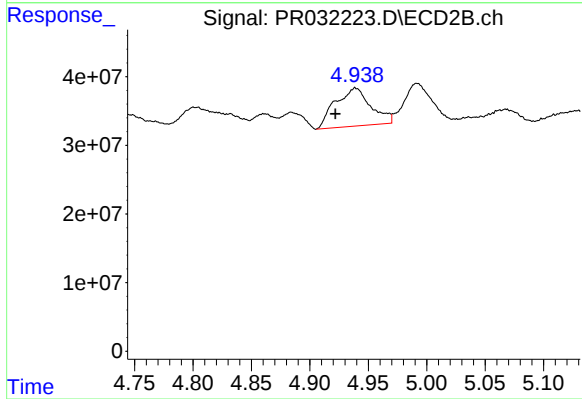
R.T.: 5.737 min
Delta R.T.: 0.012 min
Response: 18703189
Conc: 22.33 ng/ml



#21 AR-1248-1

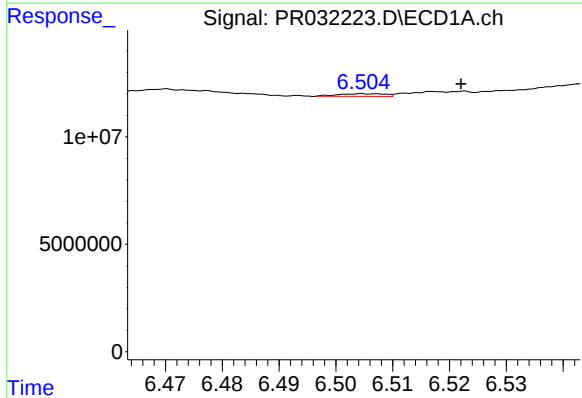
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 6127083
Conc: 4.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



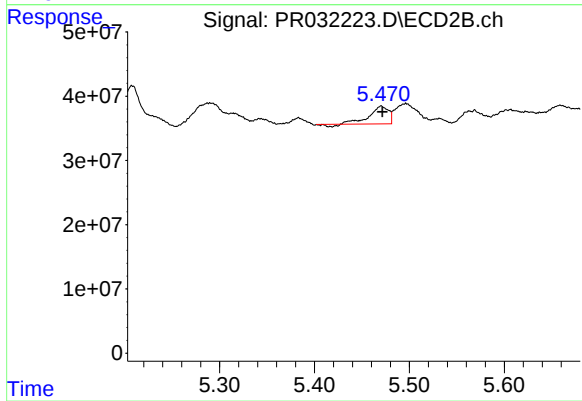
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.017 min
Response: 117749305
Conc: 41.26 ng/ml



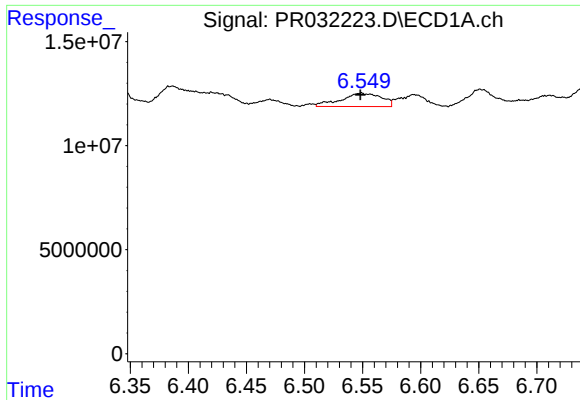
#22 AR-1248-2

R.T.: 6.505 min
Delta R.T.: -0.017 min
Response: 698051
Conc: 0.54 ng/ml



#22 AR-1248-2

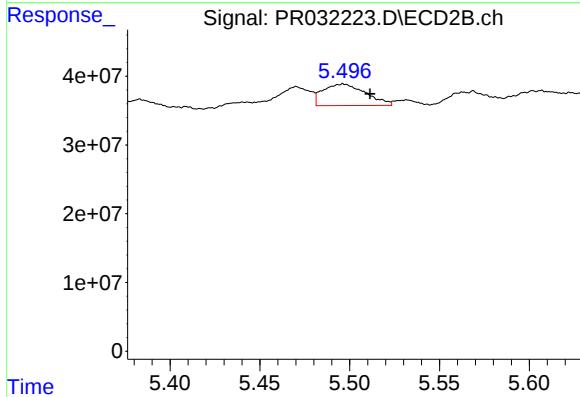
R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 37302411
Conc: 6.53 ng/ml



#23 AR-1248-3

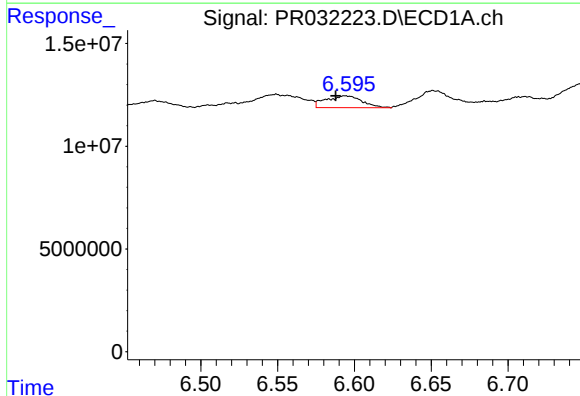
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 15522083
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



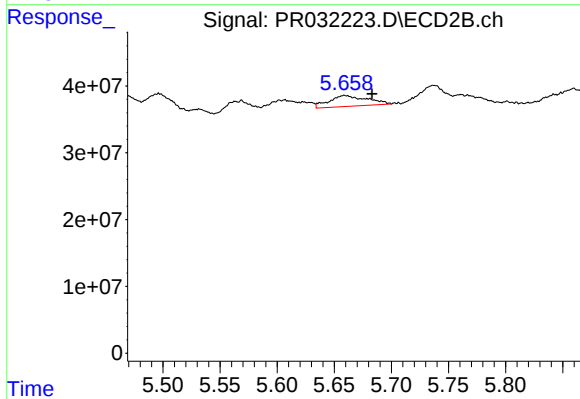
#23 AR-1248-3

R.T.: 5.496 min
Delta R.T.: -0.015 min
Response: 51672452
Conc: 11.91 ng/ml



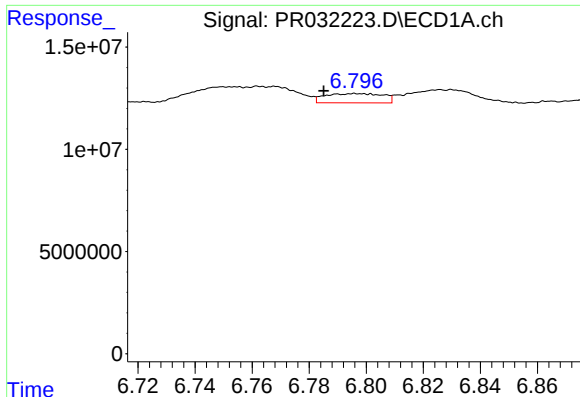
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 9410527
Conc: 5.56 ng/ml



#24 AR-1248-4

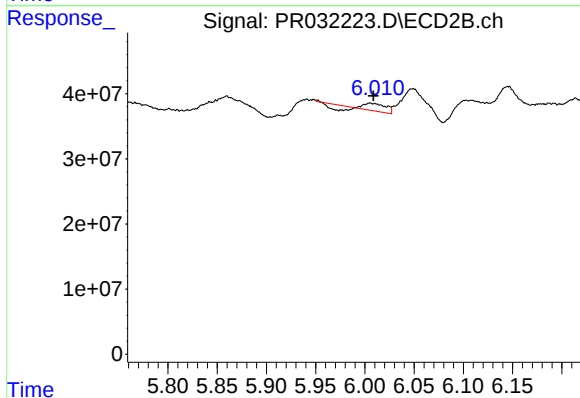
R.T.: 5.659 min
Delta R.T.: -0.024 min
Response: 37557017
Conc: 9.49 ng/ml



#25 AR-1248-5

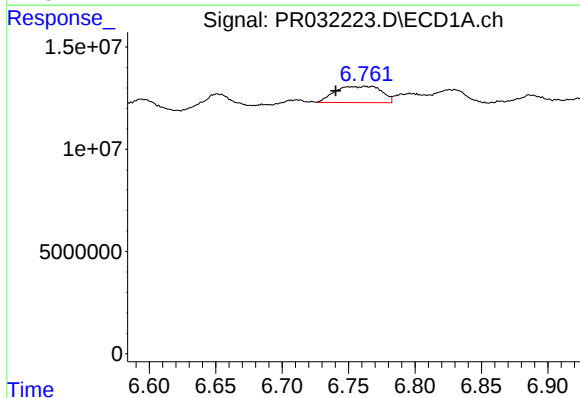
R.T.: 6.796 min
Delta R.T.: 0.011 min
Response: 6374816
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



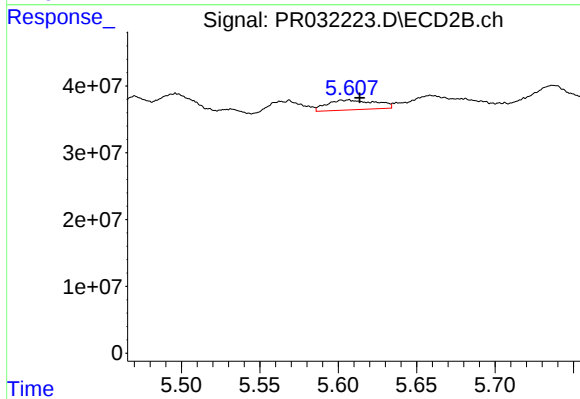
#25 AR-1248-5

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 10313804
Conc: 4.08 ng/ml



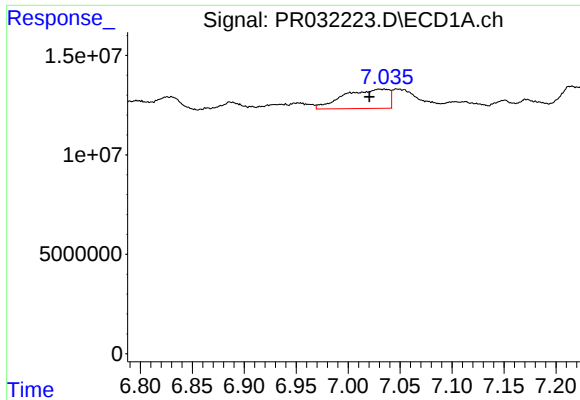
#26 AR-1254-1

R.T.: 6.768 min
Delta R.T.: 0.027 min
Response: 19201076
Conc: 12.70 ng/ml



#26 AR-1254-1

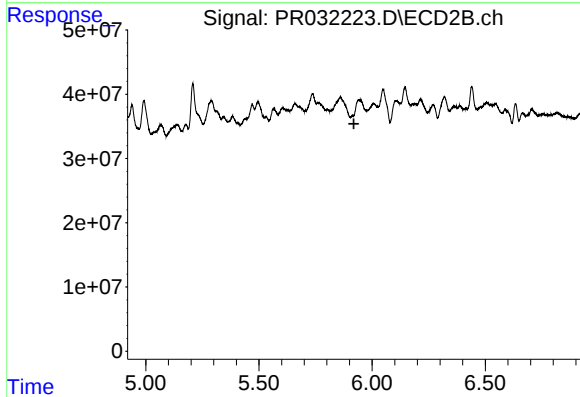
R.T.: 5.607 min
Delta R.T.: -0.007 min
Response: 31701894
Conc: 10.14 ng/ml



#27 AR-1254-2

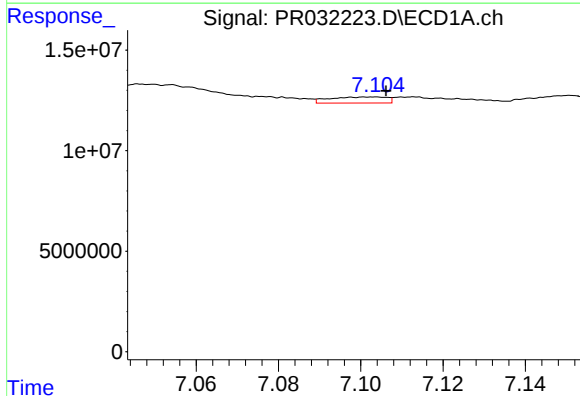
R.T.: 7.035 min
Delta R.T.: 0.014 min
Response: 29325391
Conc: 29.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



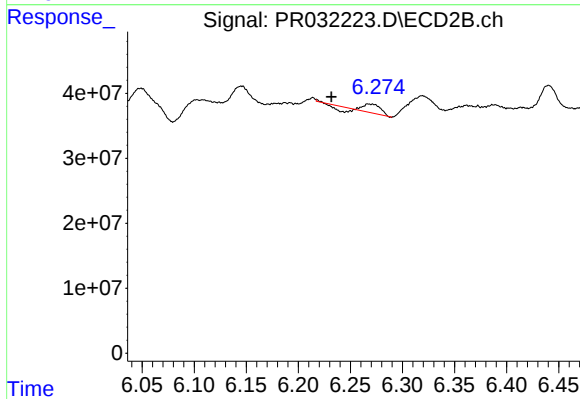
#27 AR-1254-2

R.T.: 5.912 min
Delta R.T.: -0.007 min
Response: -2156989
Conc: N.D.



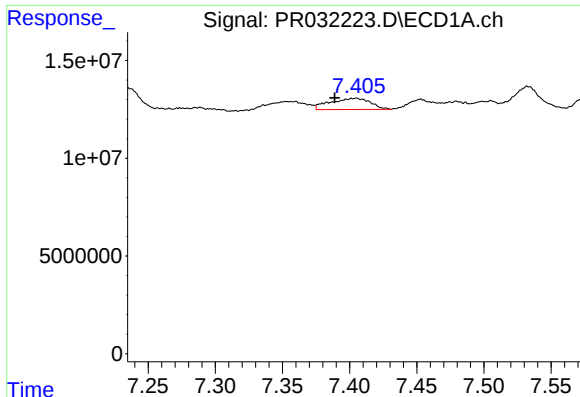
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 2898518
Conc: 1.63 ng/ml



#28 AR-1254-3

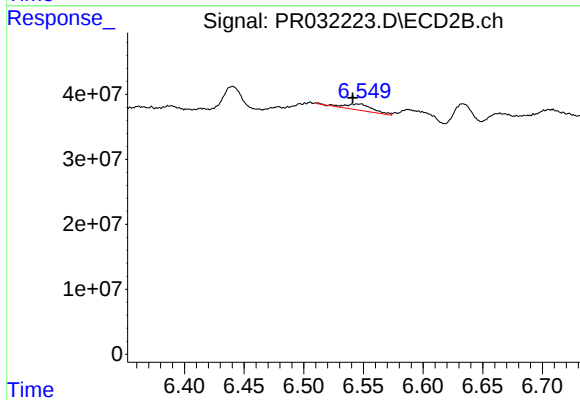
R.T.: 6.269 min
Delta R.T.: 0.038 min
Response: 8429068
Conc: 2.62 ng/ml



#29 AR-1254-4

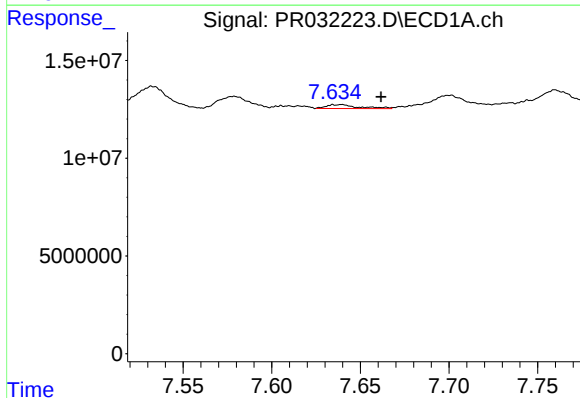
R.T.: 7.405 min
Delta R.T.: 0.016 min
Response: 11864733
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



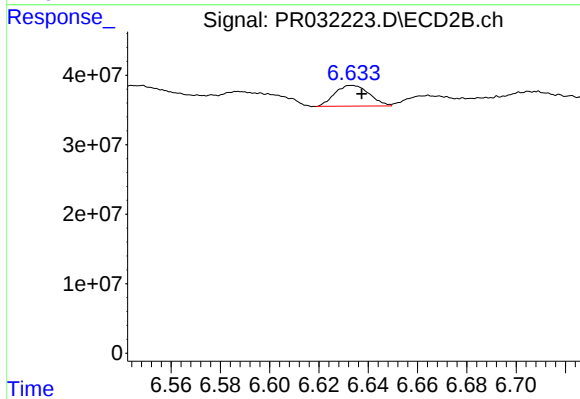
#29 AR-1254-4

R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 16622483
Conc: 8.83 ng/ml



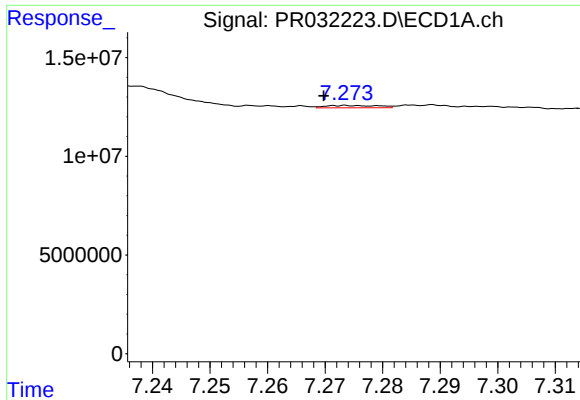
#30 AR-1254-5

R.T.: 7.640 min
Delta R.T.: -0.022 min
Response: 2613130
Conc: 2.73 ng/ml



#30 AR-1254-5

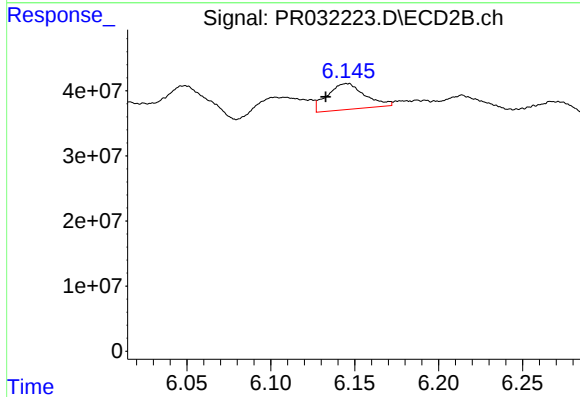
R.T.: 6.634 min
Delta R.T.: -0.004 min
Response: 28932376
Conc: 13.14 ng/ml



#31 AR-1260-1

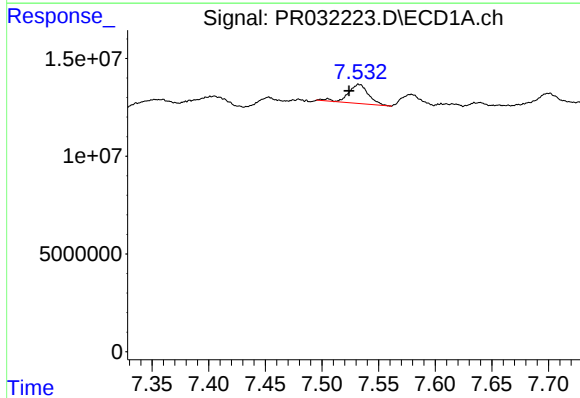
R.T.: 7.274 min
Delta R.T.: 0.004 min
Response: 756902
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



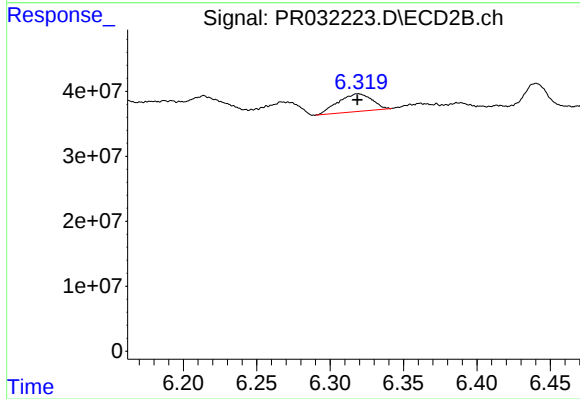
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.012 min
Response: 62008529
Conc: 18.72 ng/ml



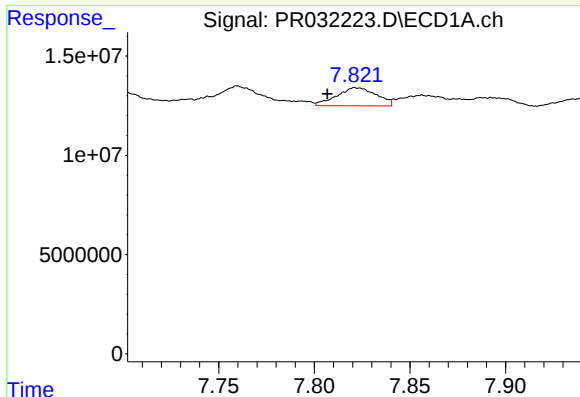
#32 AR-1260-2

R.T.: 7.533 min
Delta R.T.: 0.009 min
Response: 12081730
Conc: 7.30 ng/ml



#32 AR-1260-2

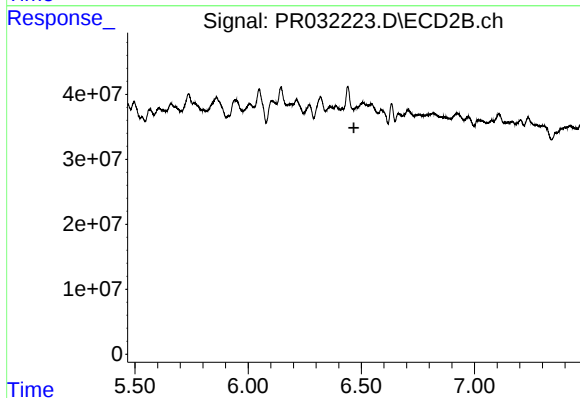
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 43666575
Conc: 10.68 ng/ml



#33 AR-1260-3

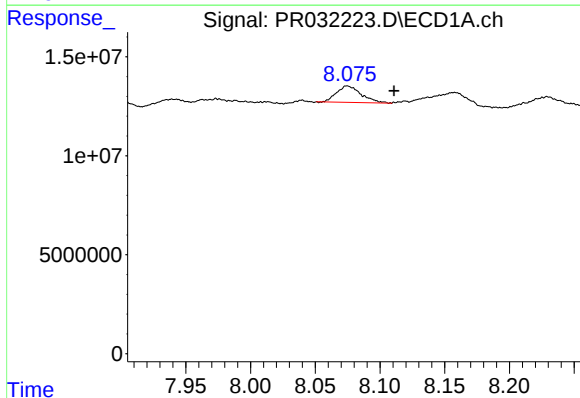
R.T.: 7.822 min
Delta R.T.: 0.015 min
Response: 13165305
Conc: 6.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



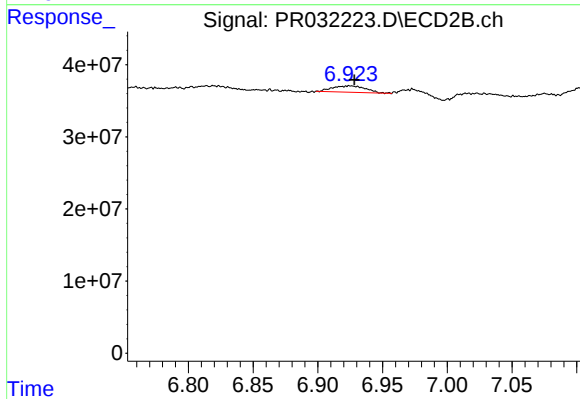
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.467 min
Response: 0
Conc: N.D.



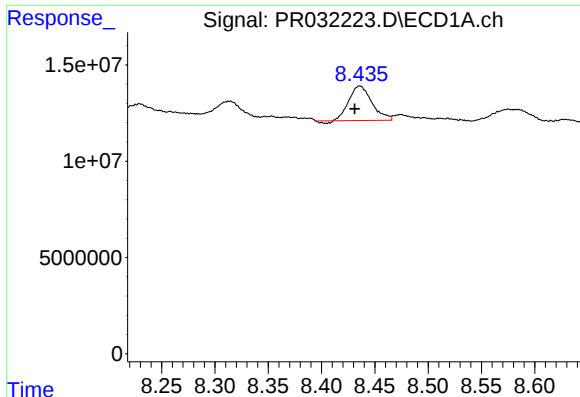
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.036 min
Response: 11057511
Conc: 8.01 ng/ml



#34 AR-1260-4

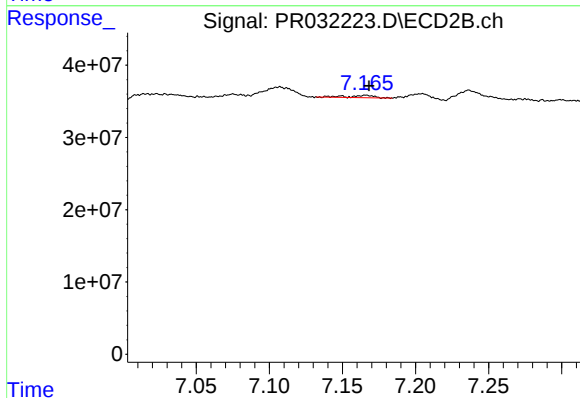
R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 15671573
Conc: 7.82 ng/ml



#35 AR-1260-5

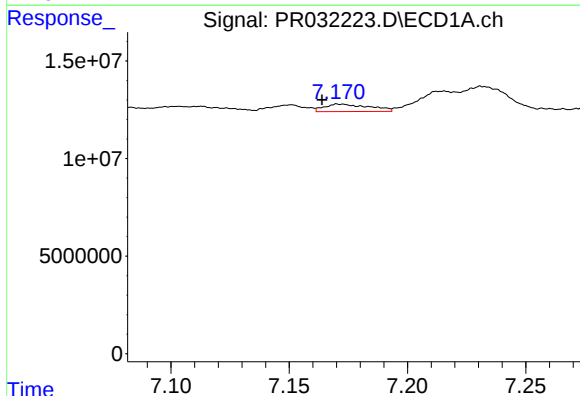
R.T.: 8.436 min
Delta R.T.: 0.005 min
Response: 26480442
Conc: 8.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



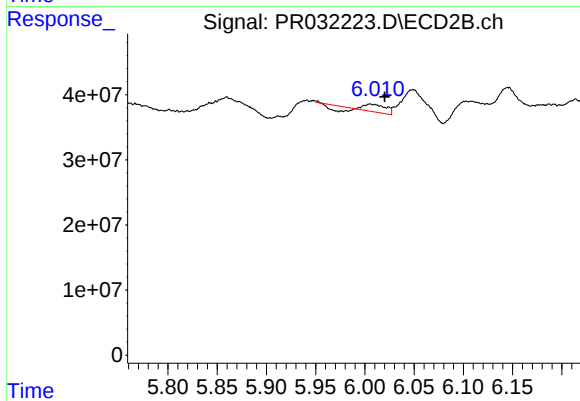
#35 AR-1260-5

R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 3966542
Conc: 0.97 ng/ml



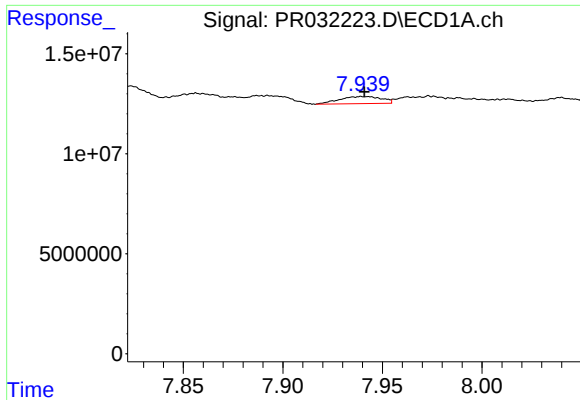
#36 AR-1262-1

R.T.: 7.171 min
Delta R.T.: 0.008 min
Response: 5062668
Conc: 6.66 ng/ml



#36 AR-1262-1

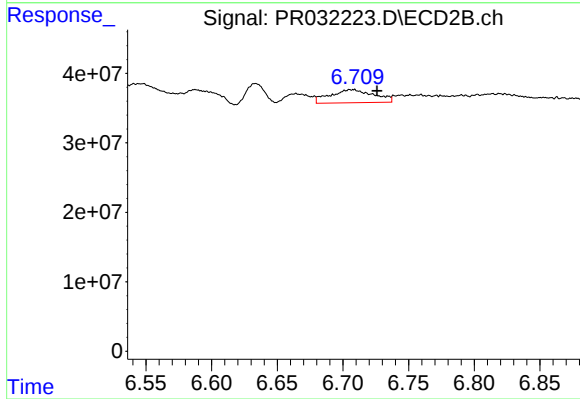
R.T.: 6.006 min
Delta R.T.: -0.014 min
Response: 10313804
Conc: 5.96 ng/ml



#37 AR-1262-2

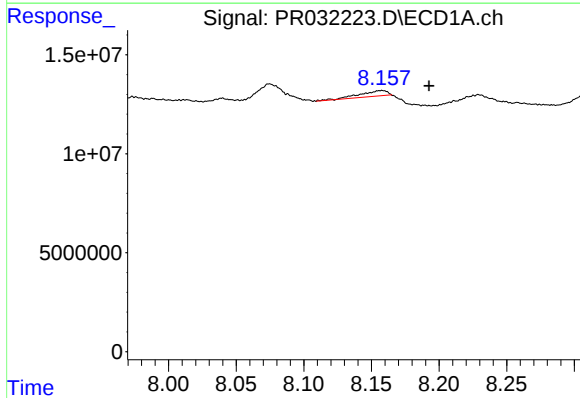
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 5258462
Conc: 7.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



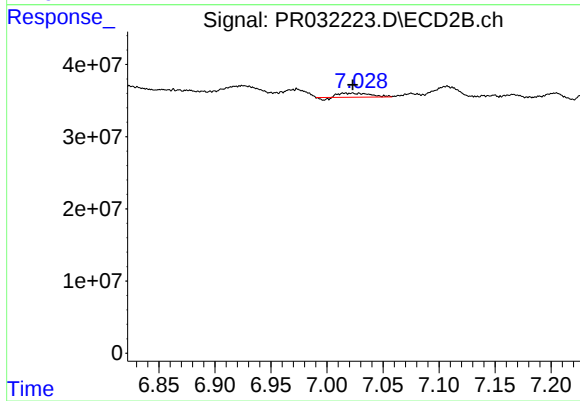
#37 AR-1262-2

R.T.: 6.706 min
Delta R.T.: -0.020 min
Response: 44070620
Conc: 31.00 ng/ml



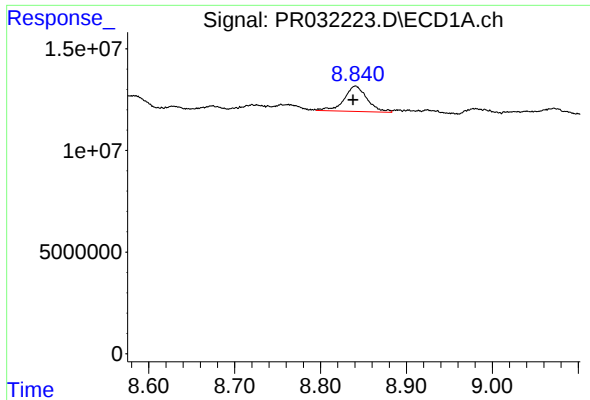
#38 AR-1262-3

R.T.: 8.158 min
Delta R.T.: -0.035 min
Response: 3974183
Conc: 6.54 ng/ml



#38 AR-1262-3

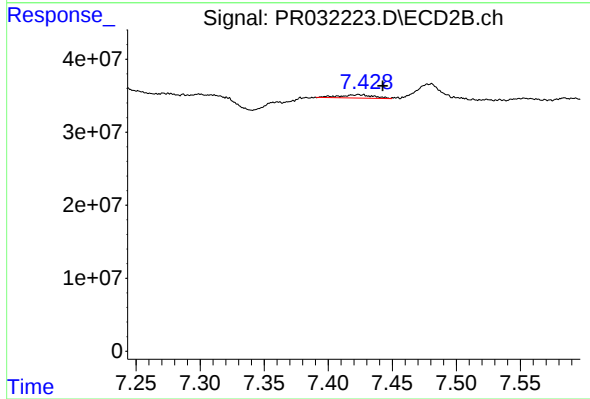
R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 10079241
Conc: 9.91 ng/ml



#39 AR-1262-4

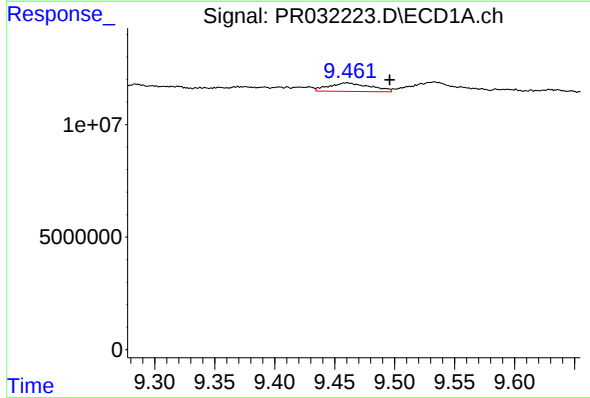
R.T.: 8.841 min
Delta R.T.: 0.003 min
Response: 23328548
Conc: 12.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



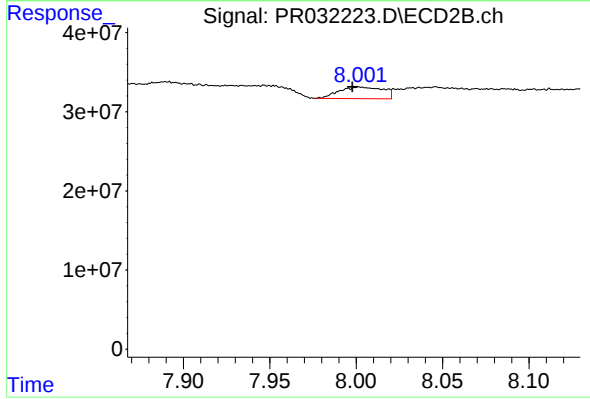
#39 AR-1262-4

R.T.: 7.424 min
Delta R.T.: -0.019 min
Response: 8249808
Conc: 4.88 ng/ml



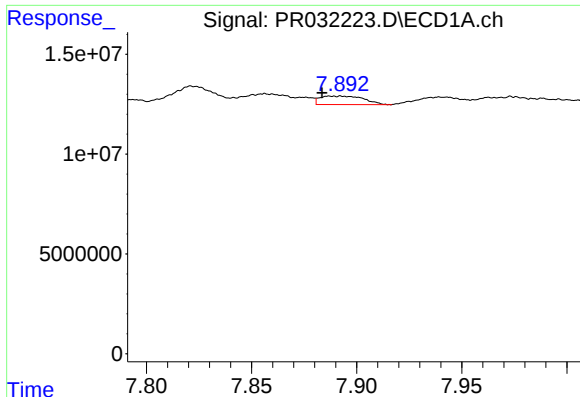
#40 AR-1262-5

R.T.: 9.460 min
Delta R.T.: -0.036 min
Response: 9115308
Conc: 6.73 ng/ml



#40 AR-1262-5

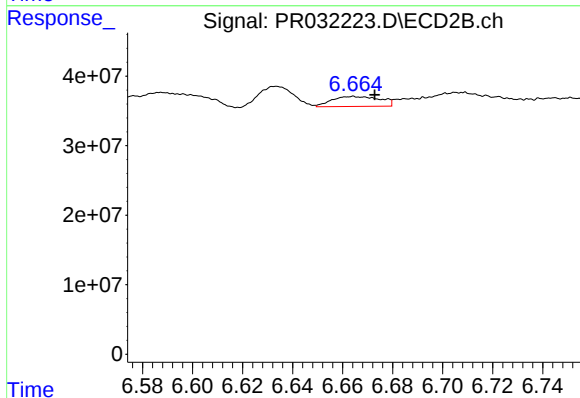
R.T.: 8.003 min
Delta R.T.: 0.005 min
Response: 25954120
Conc: 24.61 ng/ml



#41 AR-1268-1

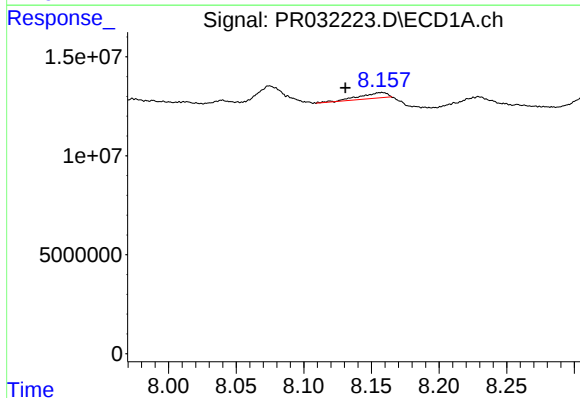
R.T.: 7.892 min
Delta R.T.: 0.009 min
Response: 6246899
Conc: 8.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



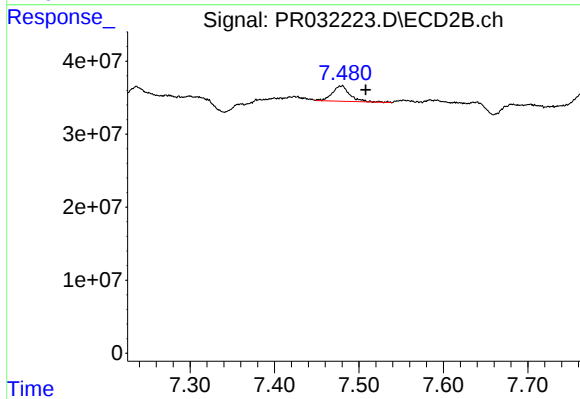
#41 AR-1268-1

R.T.: 6.665 min
Delta R.T.: -0.008 min
Response: 19265827
Conc: 13.75 ng/ml



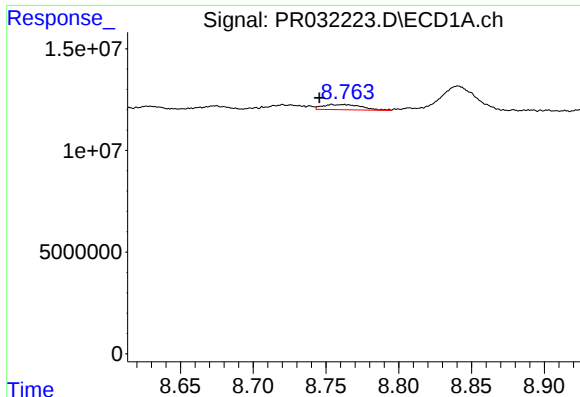
#42 AR-1268-2

R.T.: 8.158 min
Delta R.T.: 0.027 min
Response: 3974183
Conc: 4.30 ng/ml



#42 AR-1268-2

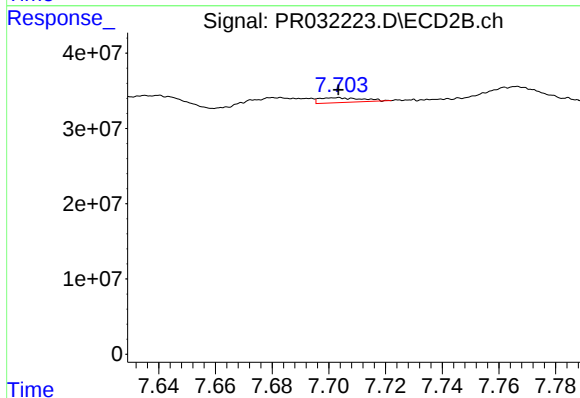
R.T.: 7.479 min
Delta R.T.: -0.029 min
Response: 30635859
Conc: 5.11 ng/ml



#43 AR-1268-3

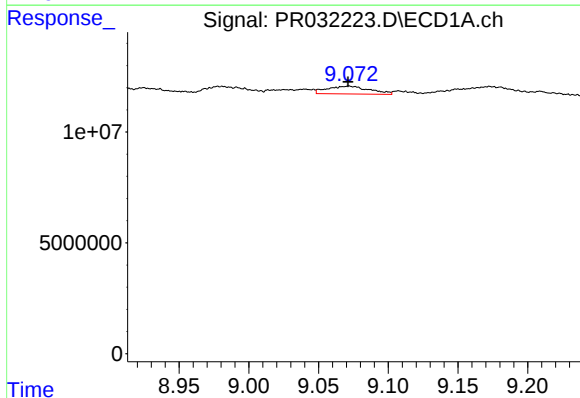
R.T.: 8.754 min
Delta R.T.: 0.009 min
Response: 4773242
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



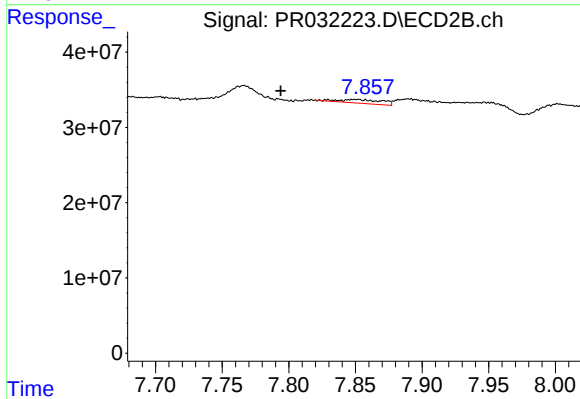
#43 AR-1268-3

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 6639621
Conc: 2.36 ng/ml



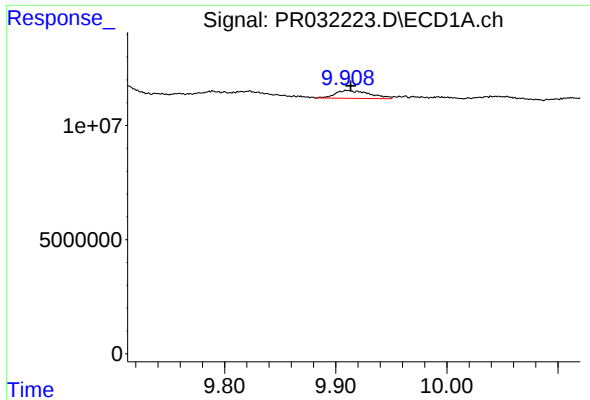
#44 AR-1268-4

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 7406458
Conc: 2.16 ng/ml



#44 AR-1268-4

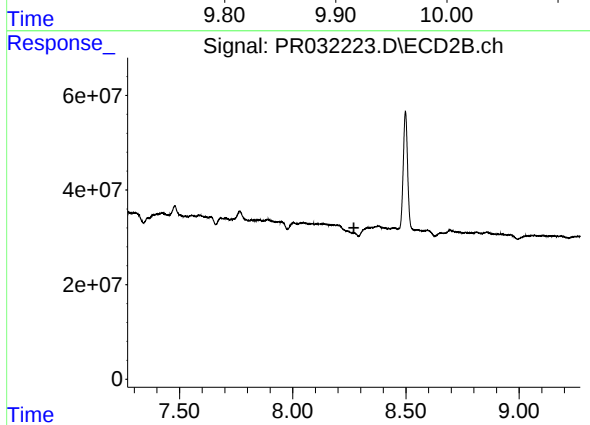
R.T.: 7.849 min
Delta R.T.: 0.055 min
Response: 11255981
Conc: 14.07 ng/ml



#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: -0.003 min
Response: 7434619
Conc: 0.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.270 min
Response: 0
Conc: N.D.