

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2018 00:43
 Operator : SM\SJ
 Sample : J5019-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:40:28 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...	4.514	3.645	393.3E6	703.5E6	19.782	16.812
2)	SA Decachlor...	10.250	8.497	457.5E6	352.9E6	15.620	15.694
Target Compounds							
3)	L1 AR-1016-1	5.219	4.294	11309055	33729102	21.751	29.151 #
4)	L1 AR-1016-2	5.412	4.697	-412775	73267208	N.D.	42.606 #
5)	L1 AR-1016-3	5.700	4.697	3392707	73267208	4.151	23.176 #
6)	L1 AR-1016-4	5.764	4.742	8511811	59565611	11.889	33.277 #
7)	L1 AR-1016-5	6.127	5.141	698557	23468920	1.144	13.920 #
8)	L2 AR-1221-1	4.714	3.880	29055166	8592593	108.362	16.172 #
9)	L2 AR-1221-2	4.787	3.944	26087712	2313356	127.575	5.762 #
10)	L2 AR-1221-3	4.892	4.003	59563177	1106057	95.491	0.883 #
11)	L3 AR-1232-1	5.700	4.507	3392707	64968490	7.025	113.160 #
12)	L3 AR-1232-2	5.863	4.606	6777227	119.7E6	27.312	621.601 #
13)	L3 AR-1232-3	6.029	4.939	7373755	124.7E6	65.293	226.363 #
14)	L3 AR-1232-4	6.335	5.287	33761390	78231009	447.551	111.207 #
15)	L3 AR-1232-5	7.234	0.000	20746369	0	318.254	N.D. #
16)	L4 AR-1242-1	5.246	4.294	17049345	33729102	76.231	62.654
17)	L4 AR-1242-2	5.972	4.886	42355250	25364287	101.271	22.606 #
18)	L4 AR-1242-3	6.196	4.998	9959874	50692470	45.405	127.594 #
19)	L4 AR-1242-4	6.239	5.342	501782	10670623	2.970	28.661 #
20)	L4 AR-1242-5	6.287	5.737	4044186	16973063	7.299	20.266 #
21)	L5 AR-1248-1	5.941	4.939	6355276	124.7E6	5.075	43.705 #
22)	L5 AR-1248-2	6.508	5.470	1027159	39963945	0.788	6.997 #
23)	L5 AR-1248-3	6.549	5.495	13070147	52050389	7.370	11.997 #
24)	L5 AR-1248-4	6.594	5.660	8893850	57554259	5.253	14.543 #
25)	L5 AR-1248-5	6.795	6.013	6393584	40442527	5.718	15.983 #
26)	L6 AR-1254-1	6.747	5.604	7375470	39573804	4.880	12.653 #
27)	L6 AR-1254-2	7.053	5.939	29554486	-8018920	30.031	N.D. #
28)	L6 AR-1254-3	7.111	6.216	4027454	15469089	2.260	4.801 #
29)	L6 AR-1254-4	7.404	6.540	14452753	5764165	10.294	3.062 #
30)	L6 AR-1254-5	7.641	6.633	5946004	21062089	6.213	9.565 #
31)	L7 AR-1260-1	7.265	6.144	541538	67372295	0.414	20.339 #
32)	L7 AR-1260-2	7.534	6.317	13948055	38842191	8.425	9.503
33)	L7 AR-1260-3	7.819	6.477	5933305	-2420283	3.093	N.D. #
34)	L7 AR-1260-4	8.076	6.924	8164420	13146867	5.915	6.556
35)	L7 AR-1260-5	8.435	7.163	29084507	8113588	9.508	1.987 #
36)	L8 AR-1262-1	7.172	6.013	5174561	40442527	6.811	23.382 #
37)	L8 AR-1262-2	7.939	6.706	5958992	76022071	8.423	53.468 #
38)	L8 AR-1262-3	8.159	7.031	3913941	5979364	6.439	5.880
39)	L8 AR-1262-4	8.842	7.421	23071263	11386236	12.726	6.730 #
40)	L8 AR-1262-5	9.495	8.004	655796	20655418	0.484	19.589 #
41)	L9 AR-1268-1	7.888	6.664	7797229	26938271	11.011	19.231 #

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 Operator : SM\SJ
 Sample : J5019-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

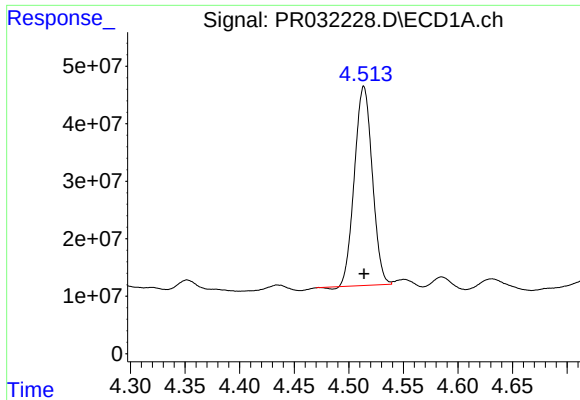
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:40:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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 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	8.159	7.477	3913941	33330848	4.233	5.561 #
43) L9	AR-1268-3	8.724	7.703	2638070	6985547	0.619	2.483 #
44) L9	AR-1268-4	9.072	0.000	7484097	0	2.181	N.D. #
45) L9	AR-1268-5	9.917	8.269	8499109	11402722	0.835	1.578 #

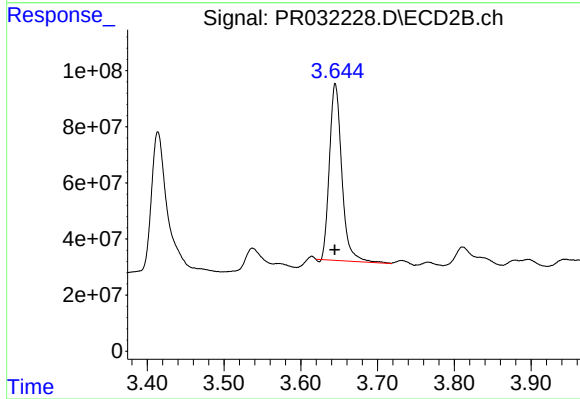
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

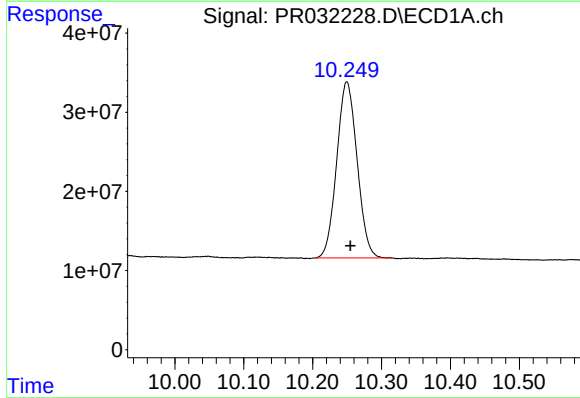
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 393270242
Conc: 19.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



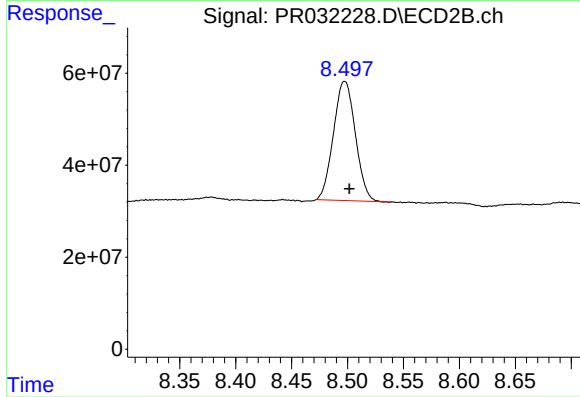
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 703525544
Conc: 16.81 ng/ml



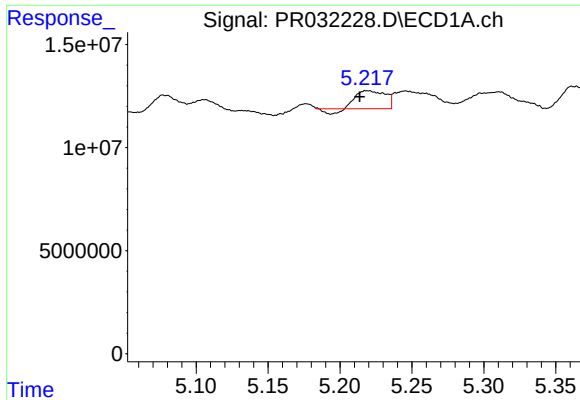
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.005 min
Response: 457547632
Conc: 15.62 ng/ml



#2 Decachlorobiphenyl

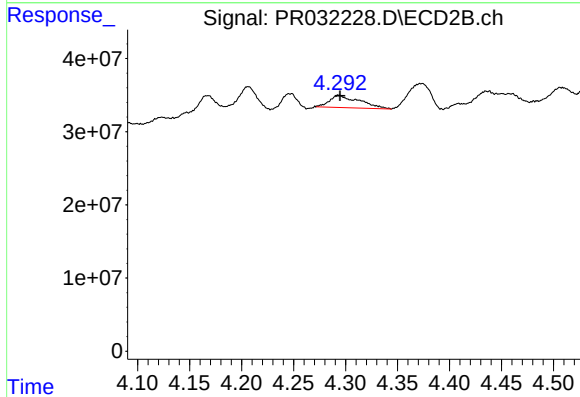
R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 352910973
Conc: 15.69 ng/ml



#3 AR-1016-1

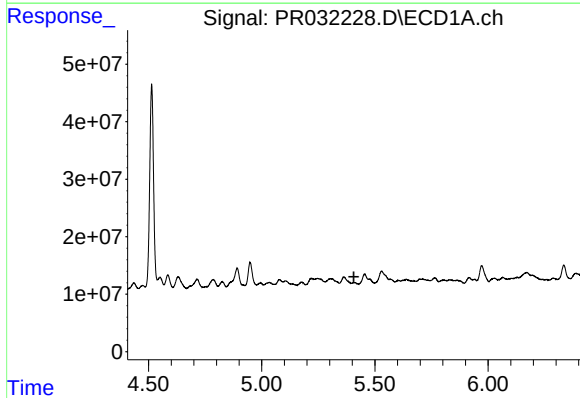
R.T.: 5.219 min
Delta R.T.: 0.005 min
Response: 11309055
Conc: 21.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



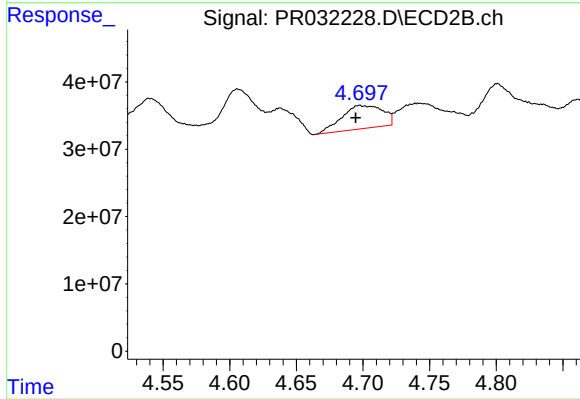
#3 AR-1016-1

R.T.: 4.294 min
Delta R.T.: -0.001 min
Response: 33729102
Conc: 29.15 ng/ml



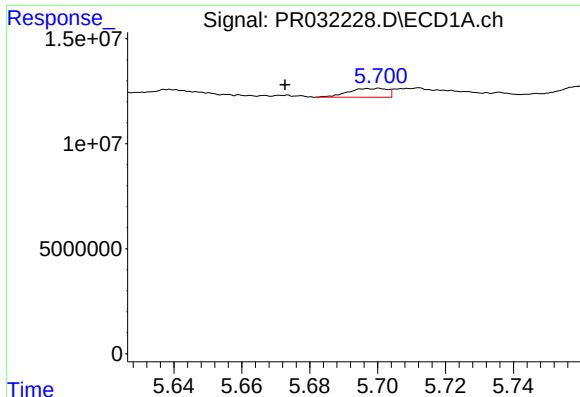
#4 AR-1016-2

R.T.: 5.412 min
Delta R.T.: 0.005 min
Response: -412775
Conc: N.D.



#4 AR-1016-2

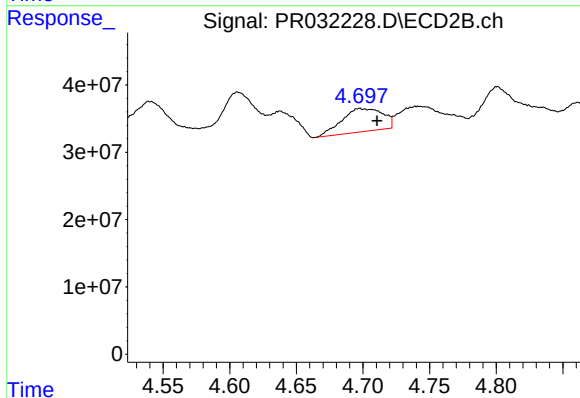
R.T.: 4.697 min
Delta R.T.: 0.003 min
Response: 73267208
Conc: 42.61 ng/ml



#5 AR-1016-3

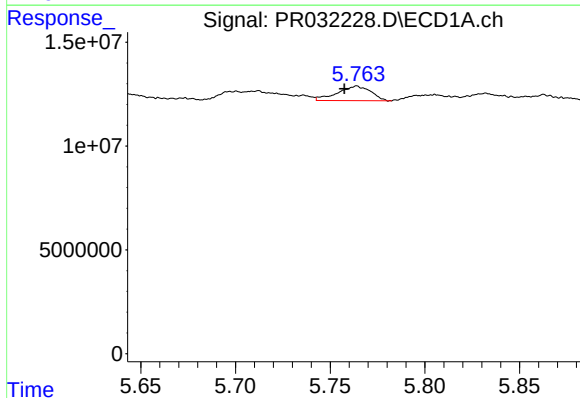
R.T.: 5.700 min
Delta R.T.: 0.027 min
Response: 3392707
Conc: 4.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



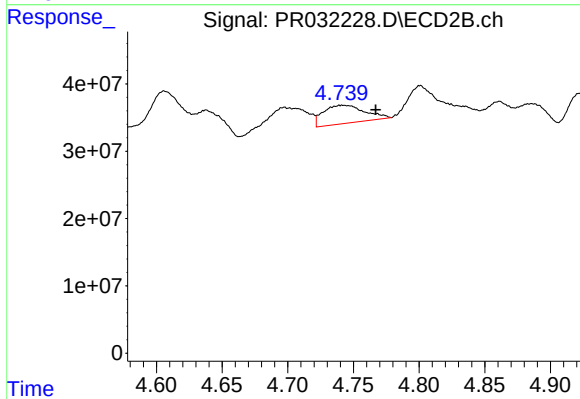
#5 AR-1016-3

R.T.: 4.697 min
Delta R.T.: -0.013 min
Response: 73267208
Conc: 23.18 ng/ml



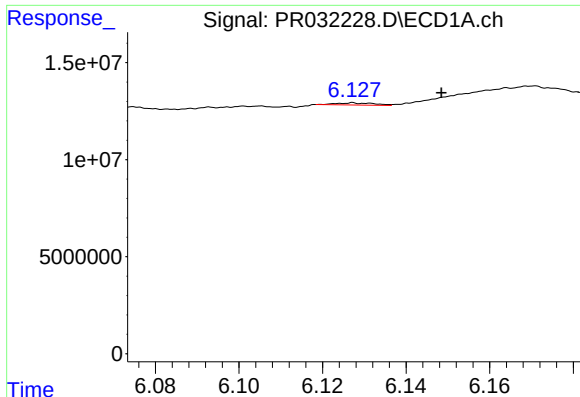
#6 AR-1016-4

R.T.: 5.764 min
Delta R.T.: 0.006 min
Response: 8511811
Conc: 11.89 ng/ml



#6 AR-1016-4

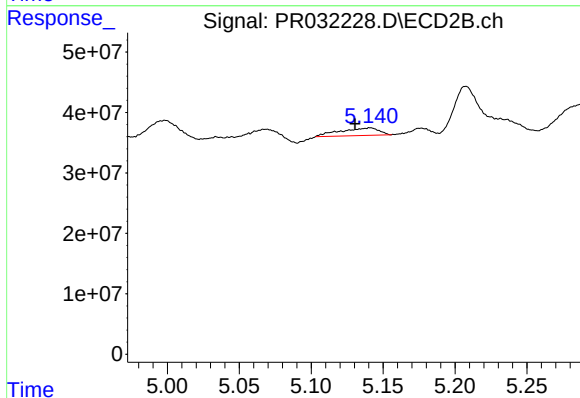
R.T.: 4.742 min
Delta R.T.: -0.025 min
Response: 59565611
Conc: 33.28 ng/ml



#7 AR-1016-5

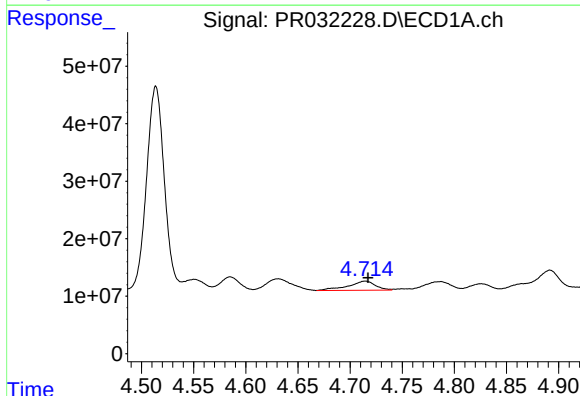
R.T.: 6.127 min
Delta R.T.: -0.021 min
Response: 698557
Conc: 1.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



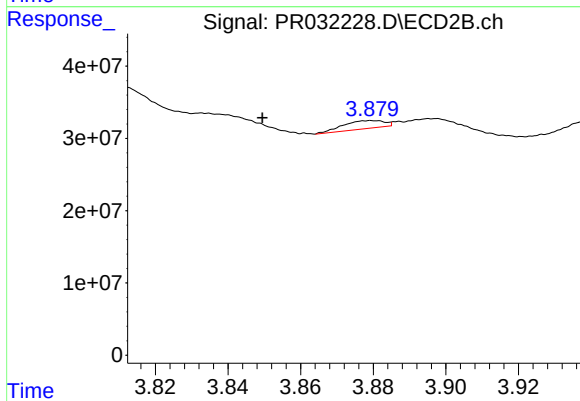
#7 AR-1016-5

R.T.: 5.141 min
Delta R.T.: 0.011 min
Response: 23468920
Conc: 13.92 ng/ml



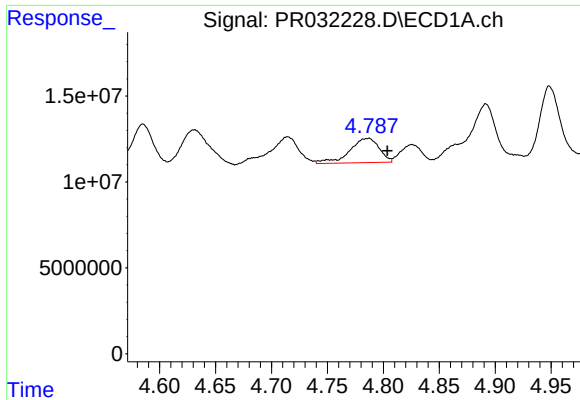
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 29055166
Conc: 108.36 ng/ml



#8 AR-1221-1

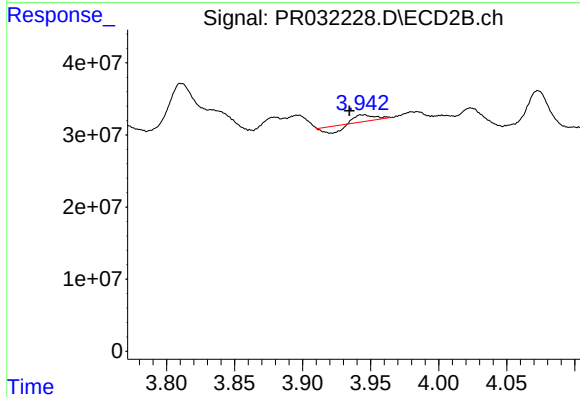
R.T.: 3.880 min
Delta R.T.: 0.030 min
Response: 8592593
Conc: 16.17 ng/ml



#9 AR-1221-2

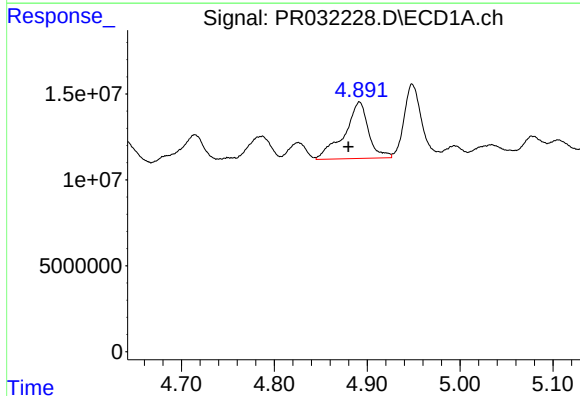
R.T.: 4.787 min
Delta R.T.: -0.017 min
Response: 26087712
Conc: 127.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



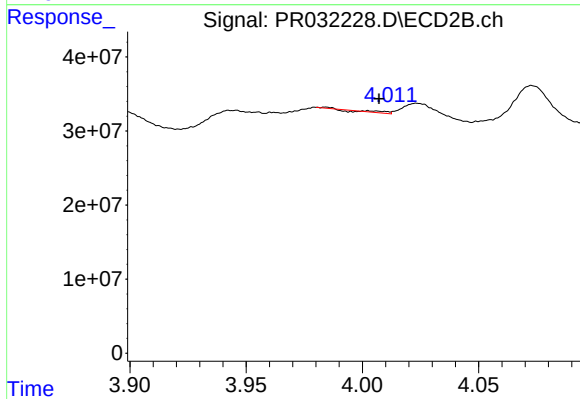
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.010 min
Response: 2313356
Conc: 5.76 ng/ml



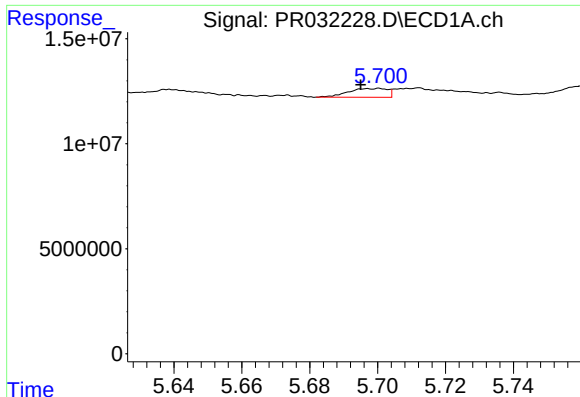
#10 AR-1221-3

R.T.: 4.892 min
Delta R.T.: 0.012 min
Response: 59563177
Conc: 95.49 ng/ml



#10 AR-1221-3

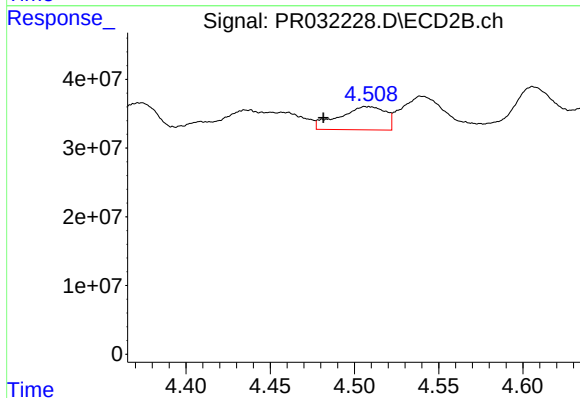
R.T.: 4.003 min
Delta R.T.: -0.005 min
Response: 1106057
Conc: 0.88 ng/ml



#11 AR-1232-1

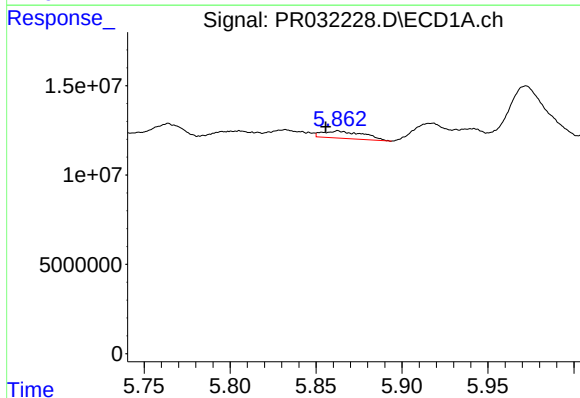
R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 3392707
Conc: 7.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



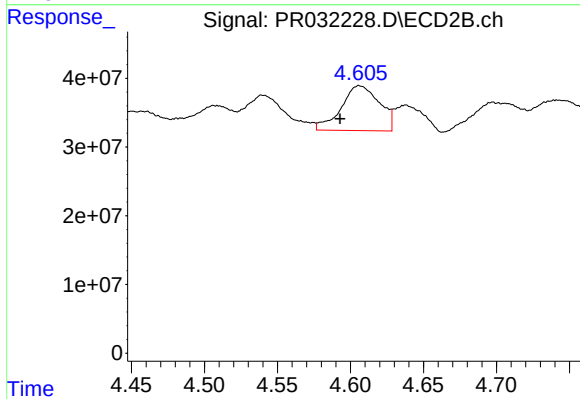
#11 AR-1232-1

R.T.: 4.507 min
Delta R.T.: 0.026 min
Response: 64968490
Conc: 113.16 ng/ml



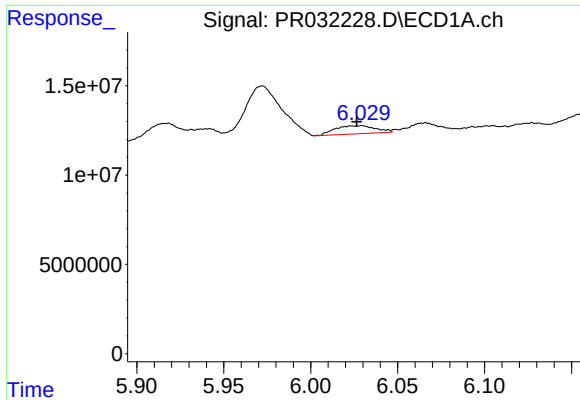
#12 AR-1232-2

R.T.: 5.863 min
Delta R.T.: 0.007 min
Response: 6777227
Conc: 27.31 ng/ml



#12 AR-1232-2

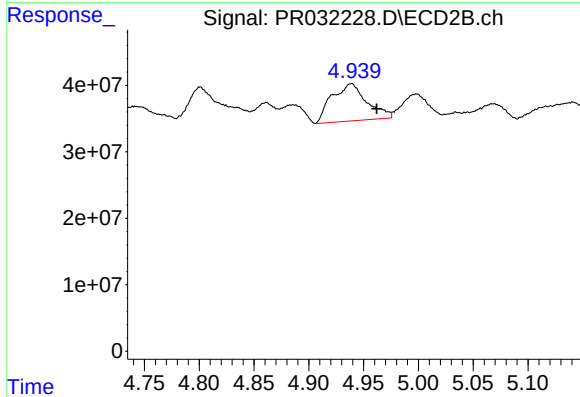
R.T.: 4.606 min
Delta R.T.: 0.013 min
Response: 119660152
Conc: 621.60 ng/ml



#13 AR-1232-3

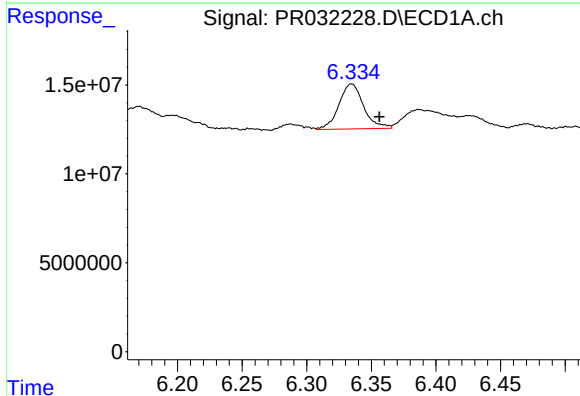
R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 7373755
Conc: 65.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



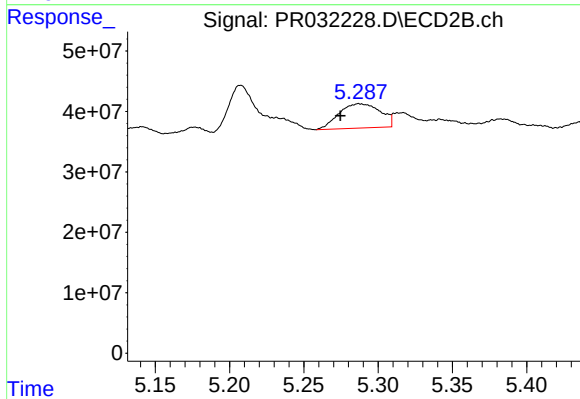
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 124740178
Conc: 226.36 ng/ml



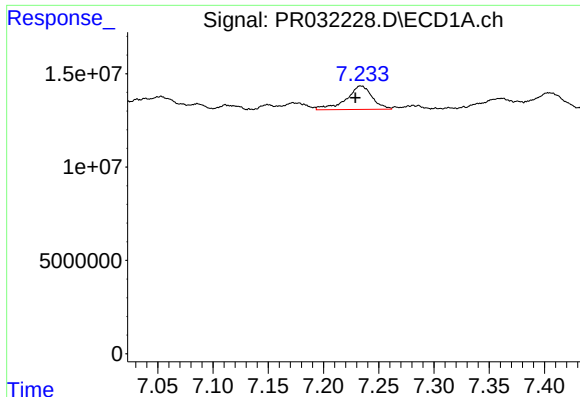
#14 AR-1232-4

R.T.: 6.335 min
Delta R.T.: -0.021 min
Response: 33761390
Conc: 447.55 ng/ml



#14 AR-1232-4

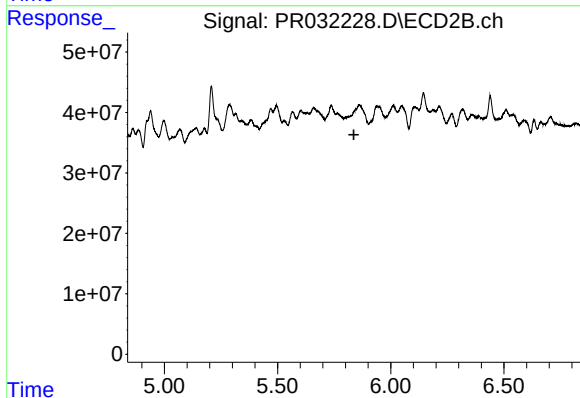
R.T.: 5.287 min
Delta R.T.: 0.013 min
Response: 78231009
Conc: 111.21 ng/ml



#15 AR-1232-5

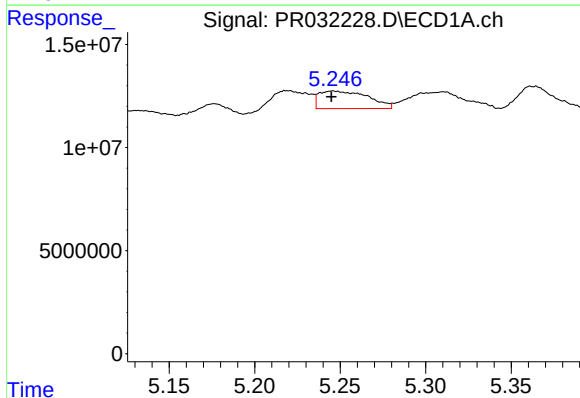
R.T.: 7.234 min
Delta R.T.: 0.005 min
Response: 20746369
Conc: 318.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



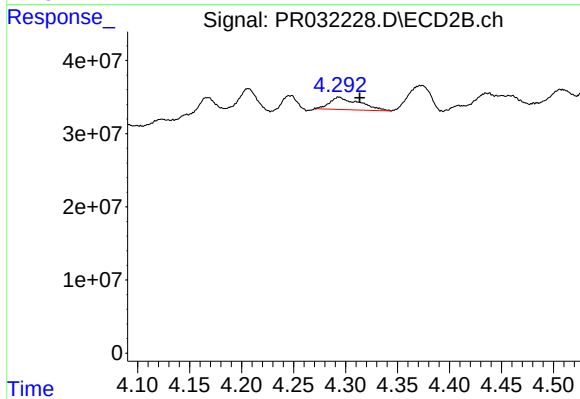
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.837 min
Response: 0
Conc: N.D.



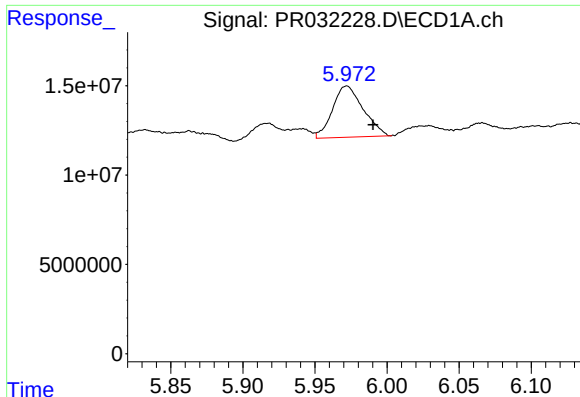
#16 AR-1242-1

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 17049345
Conc: 76.23 ng/ml



#16 AR-1242-1

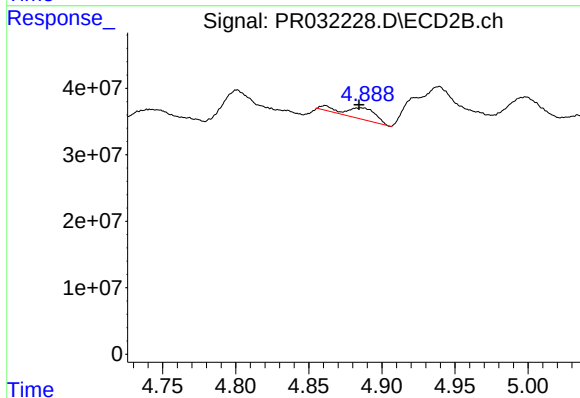
R.T.: 4.294 min
Delta R.T.: -0.020 min
Response: 33729102
Conc: 62.65 ng/ml



#17 AR-1242-2

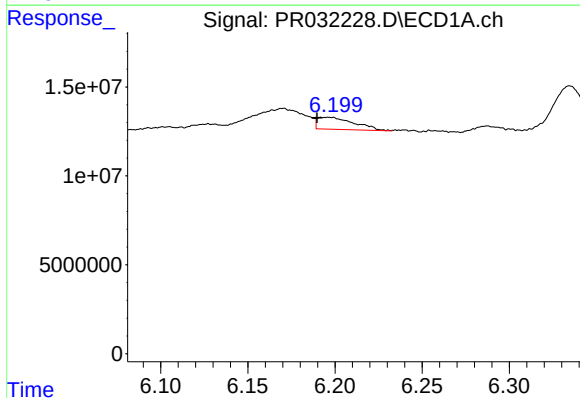
R.T.: 5.972 min
Delta R.T.: -0.018 min
Response: 42355250
Conc: 101.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



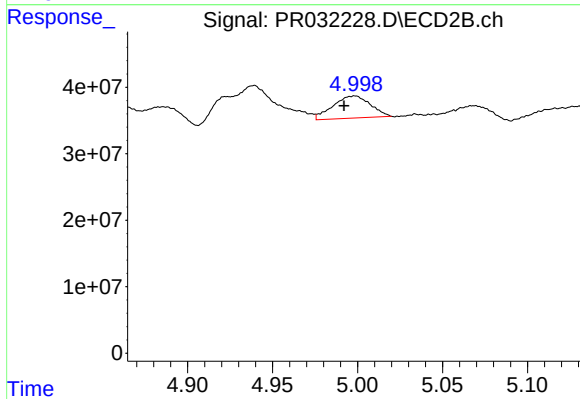
#17 AR-1242-2

R.T.: 4.886 min
Delta R.T.: 0.001 min
Response: 25364287
Conc: 22.61 ng/ml



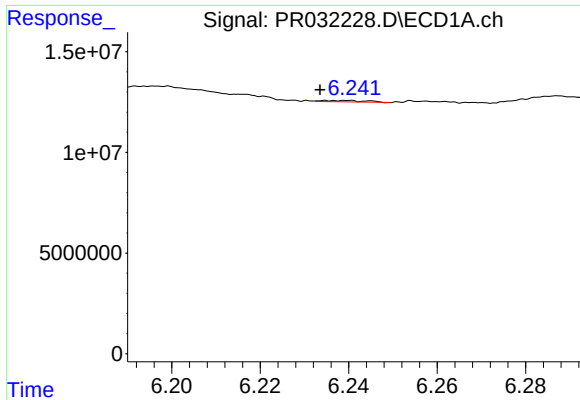
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.007 min
Response: 9959874
Conc: 45.40 ng/ml



#18 AR-1242-3

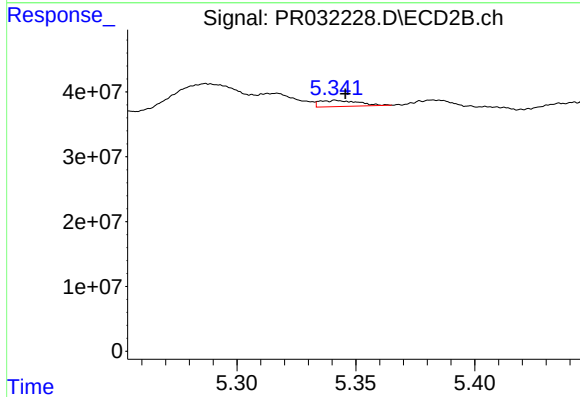
R.T.: 4.998 min
Delta R.T.: 0.006 min
Response: 50692470
Conc: 127.59 ng/ml



#19 AR-1242-4

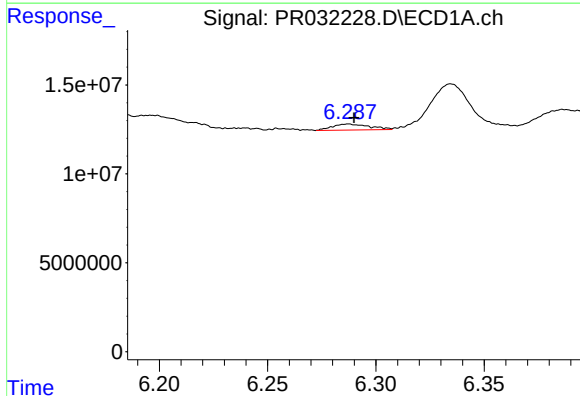
R.T.: 6.239 min
Delta R.T.: 0.006 min
Response: 501782
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



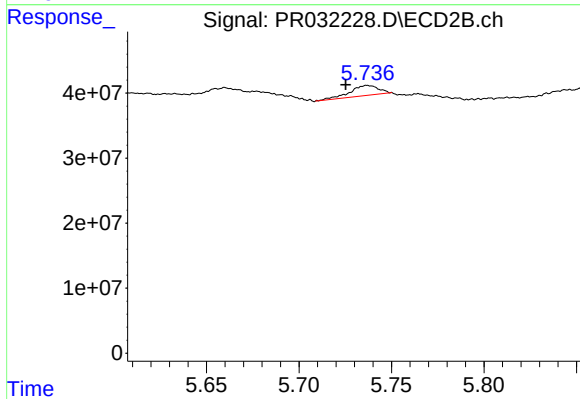
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 10670623
Conc: 28.66 ng/ml



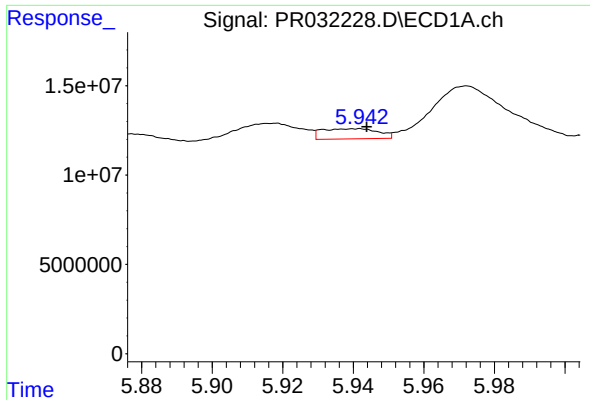
#20 AR-1242-5

R.T.: 6.287 min
Delta R.T.: -0.003 min
Response: 4044186
Conc: 7.30 ng/ml



#20 AR-1242-5

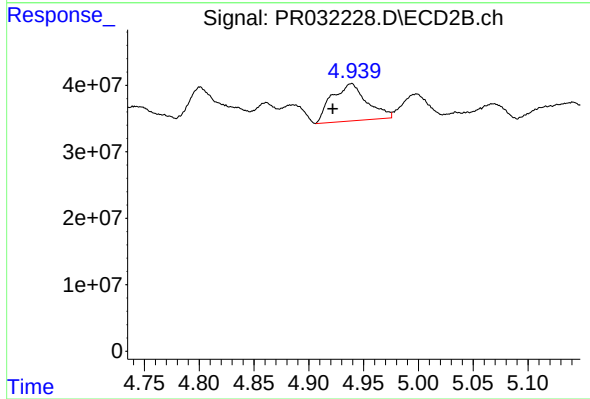
R.T.: 5.737 min
Delta R.T.: 0.012 min
Response: 16973063
Conc: 20.27 ng/ml



#21 AR-1248-1

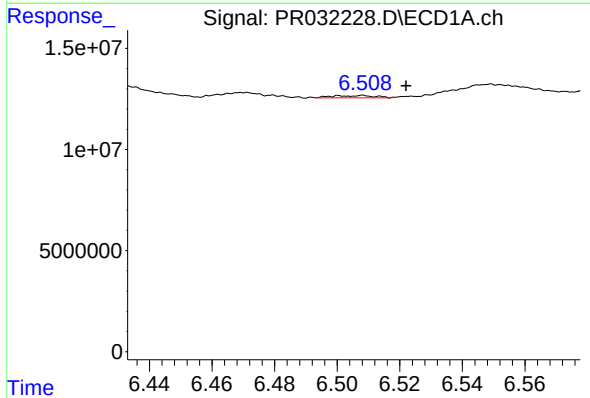
R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 6355276
Conc: 5.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



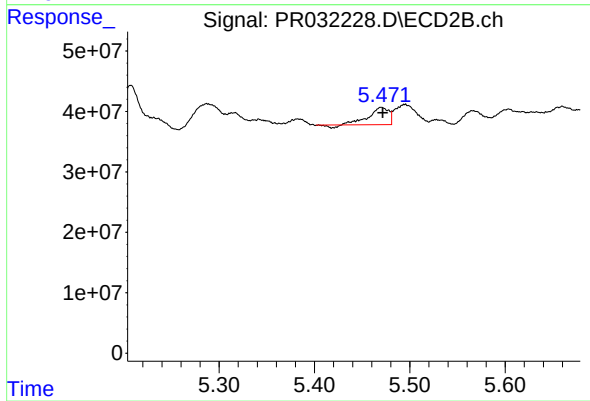
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.017 min
Response: 124740178
Conc: 43.71 ng/ml



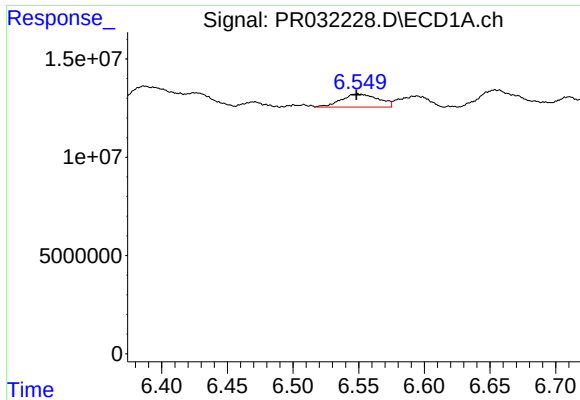
#22 AR-1248-2

R.T.: 6.508 min
Delta R.T.: -0.014 min
Response: 1027159
Conc: 0.79 ng/ml



#22 AR-1248-2

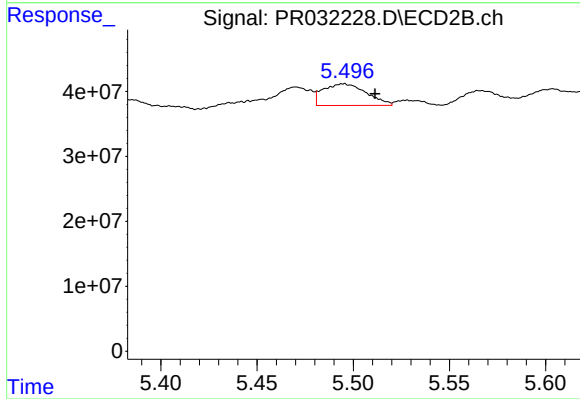
R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 39963945
Conc: 7.00 ng/ml



#23 AR-1248-3

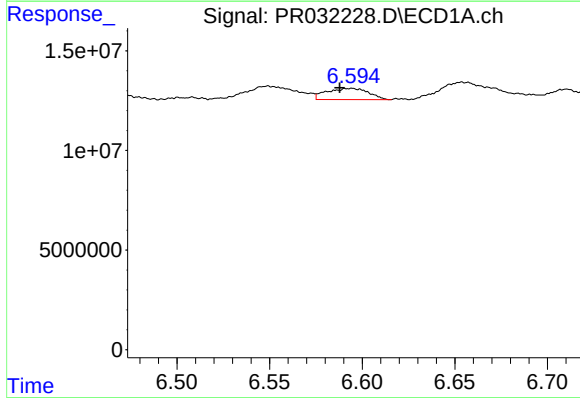
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 13070147
Conc: 7.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



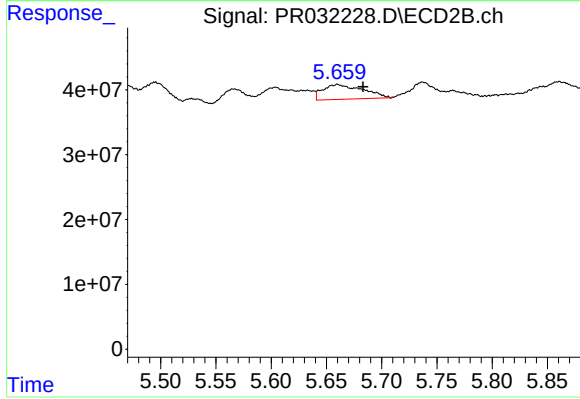
#23 AR-1248-3

R.T.: 5.495 min
Delta R.T.: -0.017 min
Response: 52050389
Conc: 12.00 ng/ml



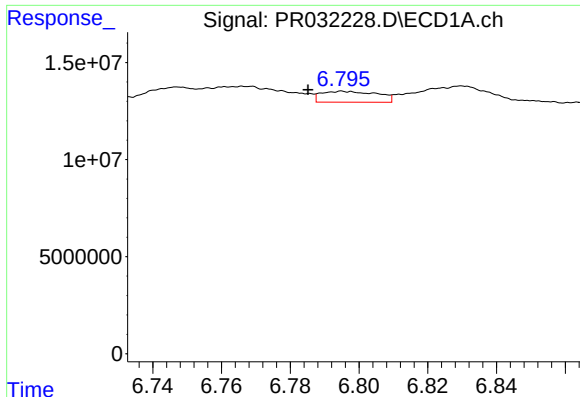
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 8893850
Conc: 5.25 ng/ml



#24 AR-1248-4

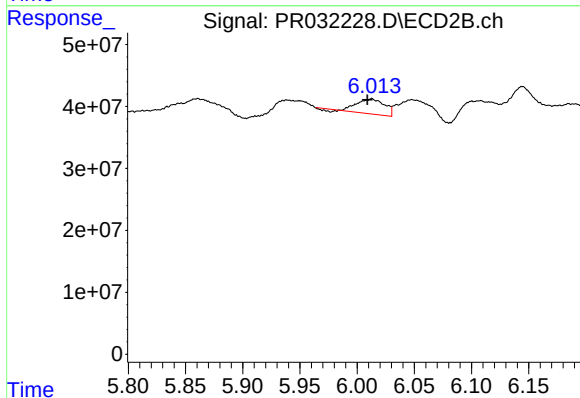
R.T.: 5.660 min
Delta R.T.: -0.023 min
Response: 57554259
Conc: 14.54 ng/ml



#25 AR-1248-5

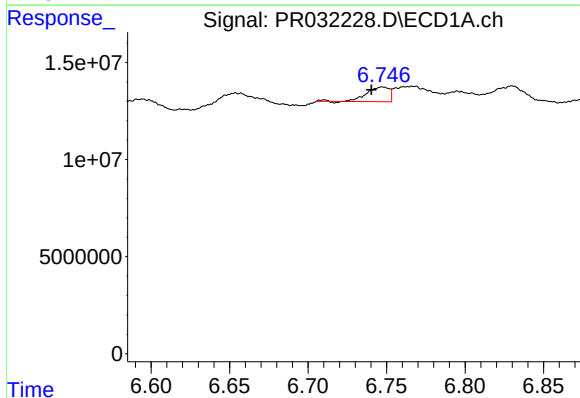
R.T.: 6.795 min
Delta R.T.: 0.010 min
Response: 6393584
Conc: 5.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



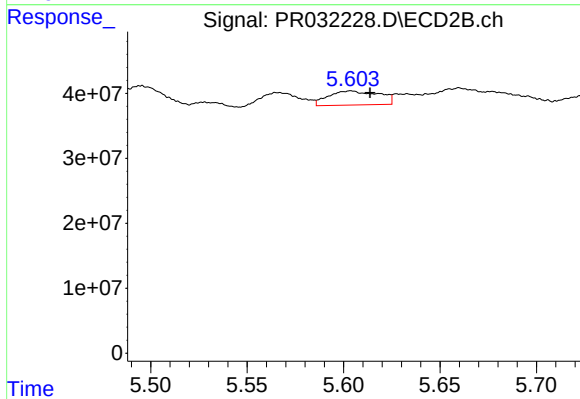
#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: 0.004 min
Response: 40442527
Conc: 15.98 ng/ml



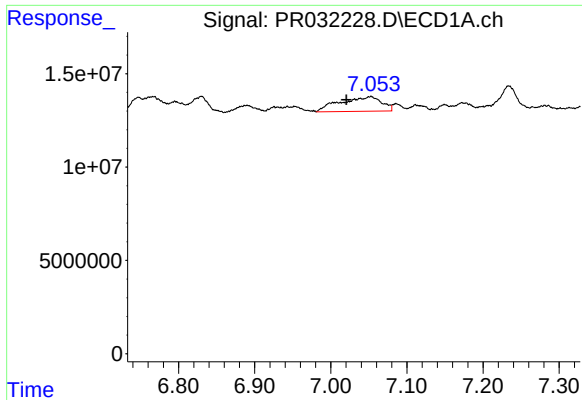
#26 AR-1254-1

R.T.: 6.747 min
Delta R.T.: 0.007 min
Response: 7375470
Conc: 4.88 ng/ml



#26 AR-1254-1

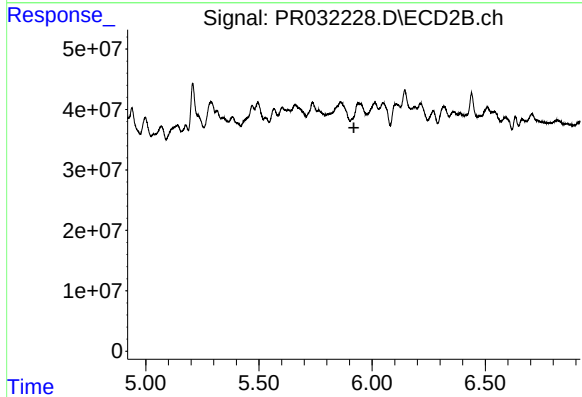
R.T.: 5.604 min
Delta R.T.: -0.010 min
Response: 39573804
Conc: 12.65 ng/ml



#27 AR-1254-2

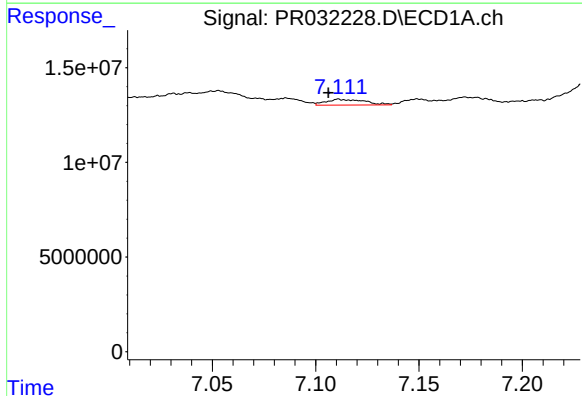
R.T.: 7.053 min
Delta R.T.: 0.032 min
Response: 29554486
Conc: 30.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



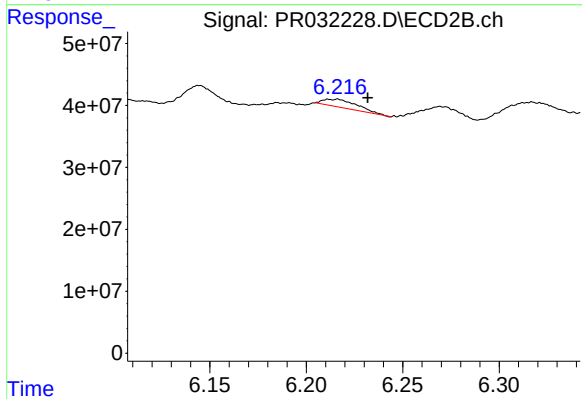
#27 AR-1254-2

R.T.: 5.939 min
Delta R.T.: 0.019 min
Response: -8018920
Conc: N.D.



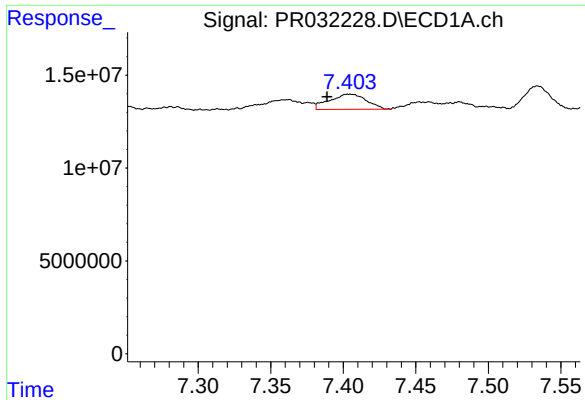
#28 AR-1254-3

R.T.: 7.111 min
Delta R.T.: 0.005 min
Response: 4027454
Conc: 2.26 ng/ml



#28 AR-1254-3

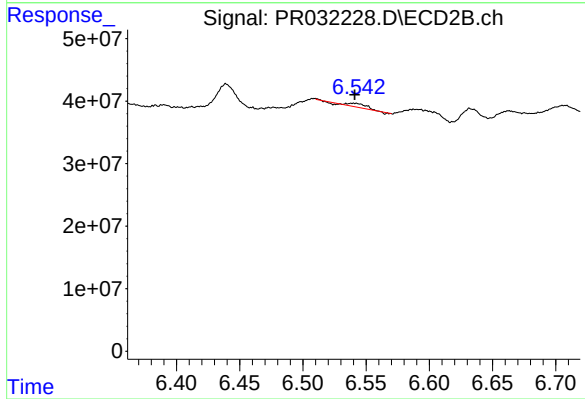
R.T.: 6.216 min
Delta R.T.: -0.016 min
Response: 15469089
Conc: 4.80 ng/ml



#29 AR-1254-4

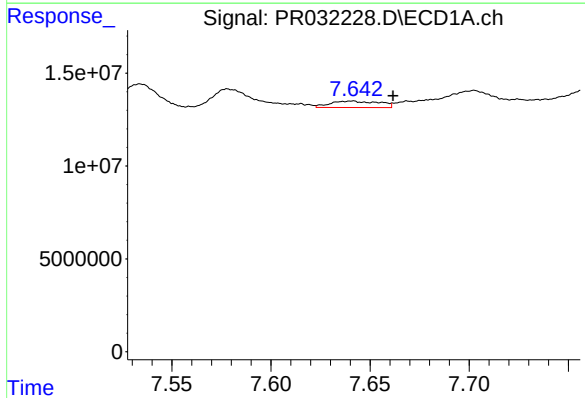
R.T.: 7.404 min
Delta R.T.: 0.015 min
Response: 14452753
Conc: 10.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



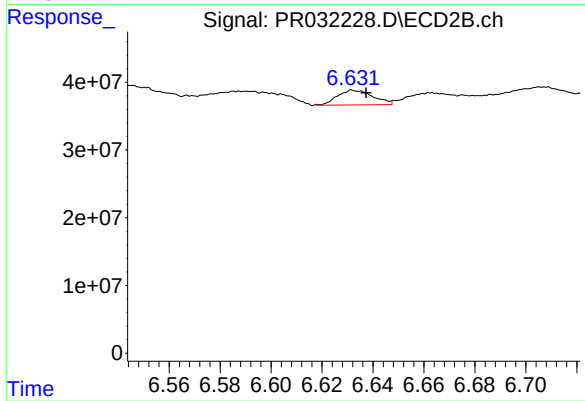
#29 AR-1254-4

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 5764165
Conc: 3.06 ng/ml



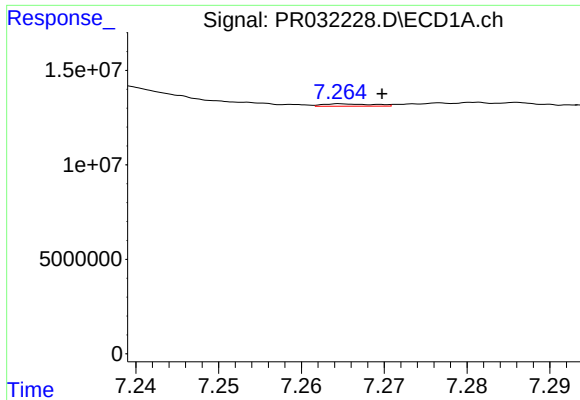
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: -0.021 min
Response: 5946004
Conc: 6.21 ng/ml



#30 AR-1254-5

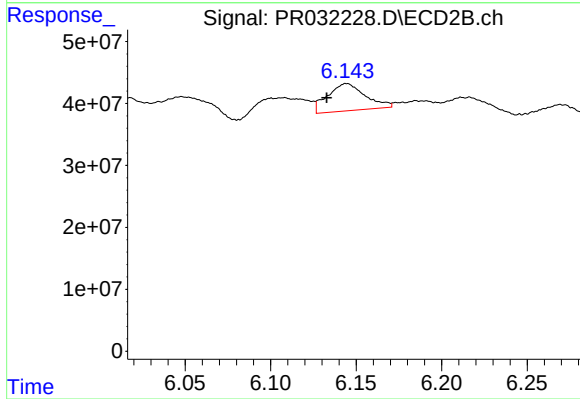
R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 21062089
Conc: 9.57 ng/ml



#31 AR-1260-1

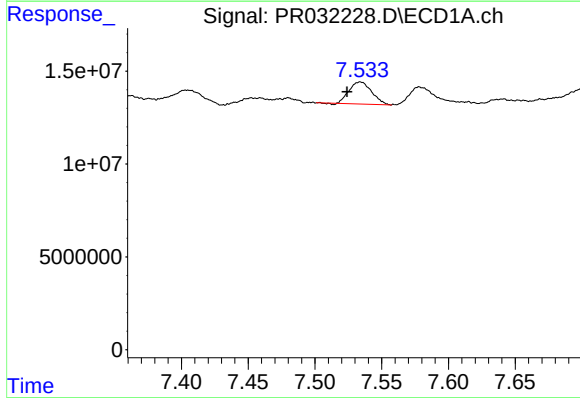
R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 541538
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



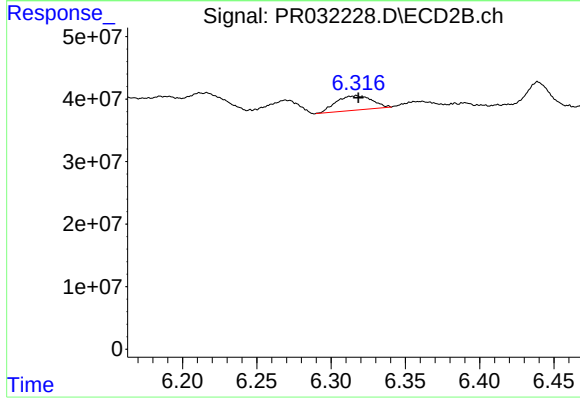
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: 0.012 min
Response: 67372295
Conc: 20.34 ng/ml



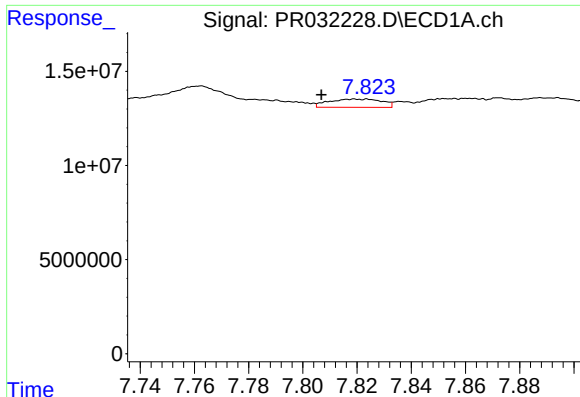
#32 AR-1260-2

R.T.: 7.534 min
Delta R.T.: 0.010 min
Response: 13948055
Conc: 8.43 ng/ml



#32 AR-1260-2

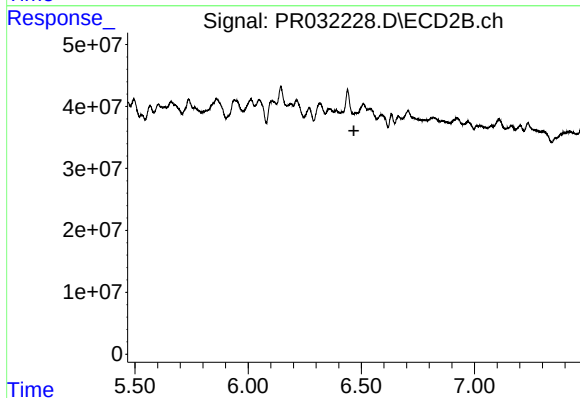
R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 38842191
Conc: 9.50 ng/ml



#33 AR-1260-3

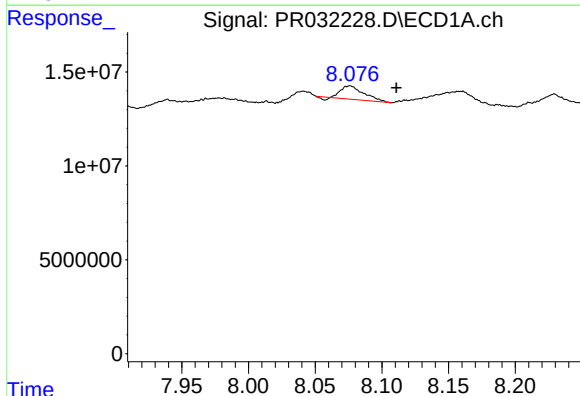
R.T.: 7.819 min
Delta R.T.: 0.012 min
Response: 5933305
Conc: 3.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



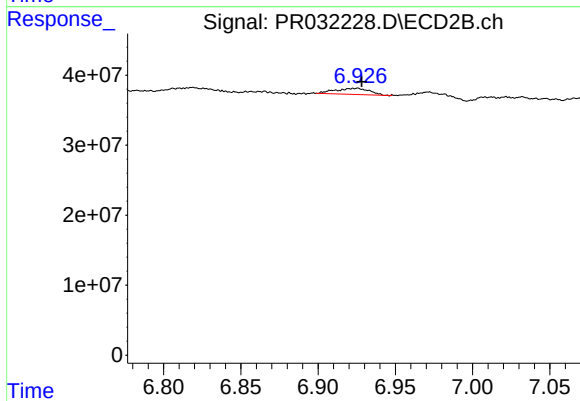
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: 0.010 min
Response: -2420283
Conc: N.D.



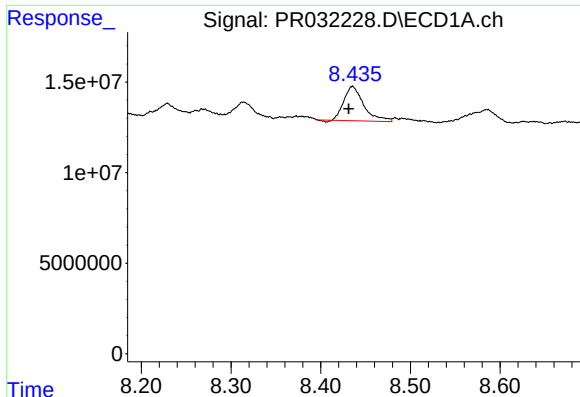
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: -0.035 min
Response: 8164420
Conc: 5.91 ng/ml



#34 AR-1260-4

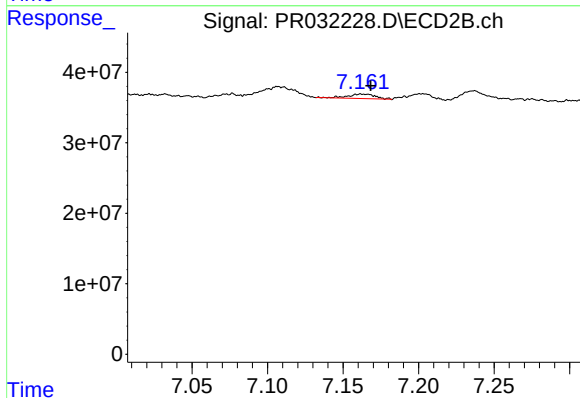
R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 13146867
Conc: 6.56 ng/ml



#35 AR-1260-5

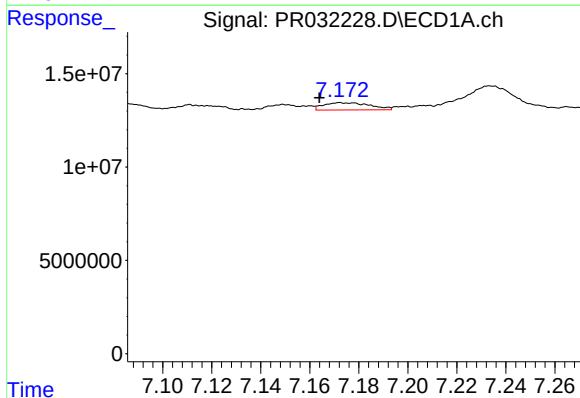
R.T.: 8.435 min
Delta R.T.: 0.004 min
Response: 29084507
Conc: 9.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



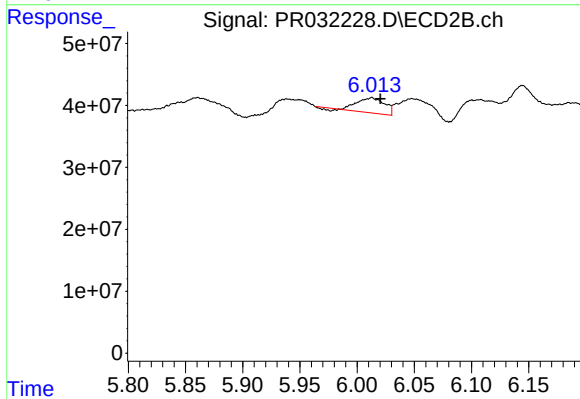
#35 AR-1260-5

R.T.: 7.163 min
Delta R.T.: -0.005 min
Response: 8113588
Conc: 1.99 ng/ml



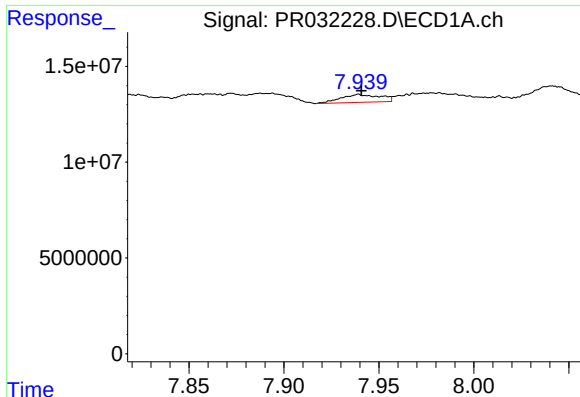
#36 AR-1262-1

R.T.: 7.172 min
Delta R.T.: 0.009 min
Response: 5174561
Conc: 6.81 ng/ml



#36 AR-1262-1

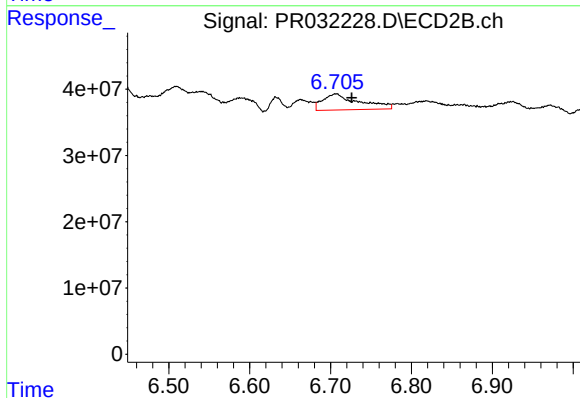
R.T.: 6.013 min
Delta R.T.: -0.007 min
Response: 40442527
Conc: 23.38 ng/ml



#37 AR-1262-2

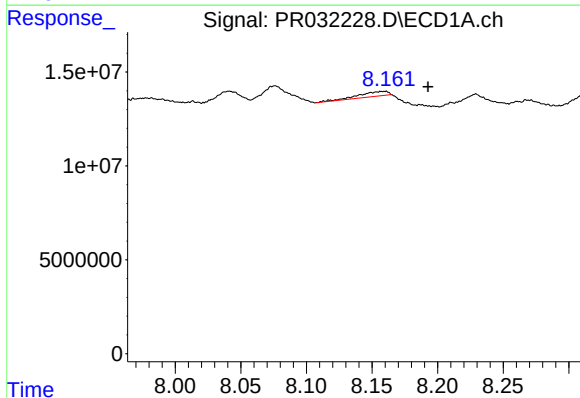
R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 5958992
Conc: 8.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



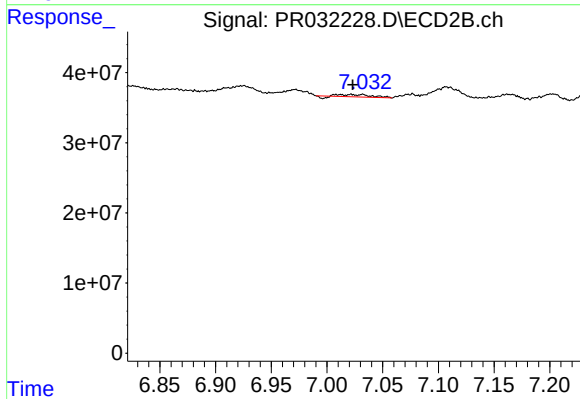
#37 AR-1262-2

R.T.: 6.706 min
Delta R.T.: -0.020 min
Response: 76022071
Conc: 53.47 ng/ml



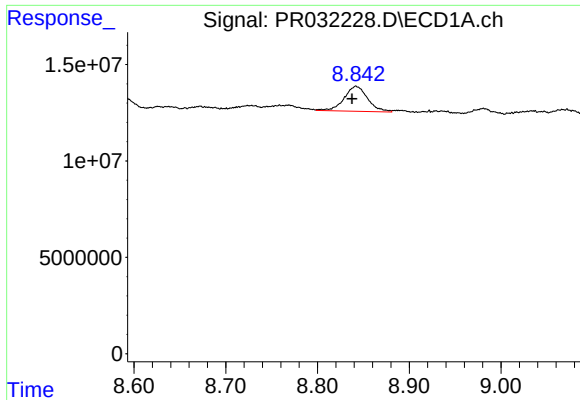
#38 AR-1262-3

R.T.: 8.159 min
Delta R.T.: -0.033 min
Response: 3913941
Conc: 6.44 ng/ml



#38 AR-1262-3

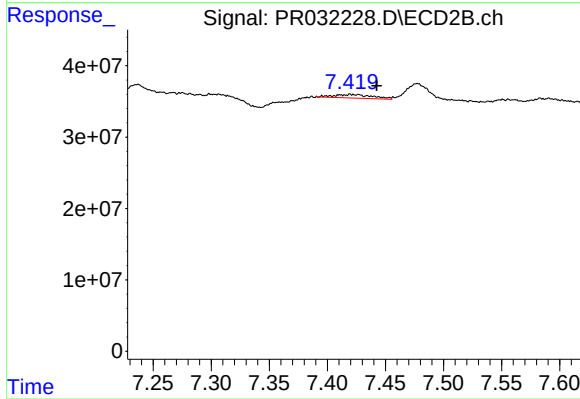
R.T.: 7.031 min
Delta R.T.: 0.008 min
Response: 5979364
Conc: 5.88 ng/ml



#39 AR-1262-4

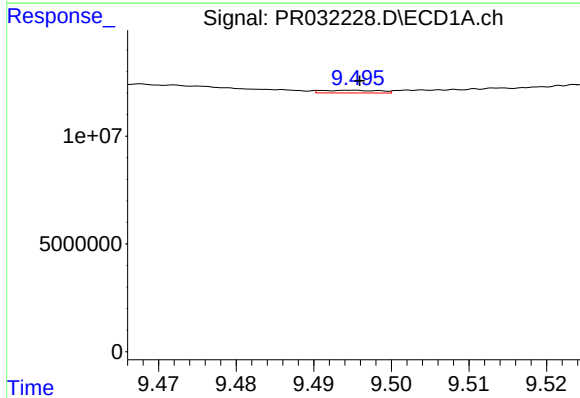
R.T.: 8.842 min
Delta R.T.: 0.004 min
Response: 23071263
Conc: 12.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



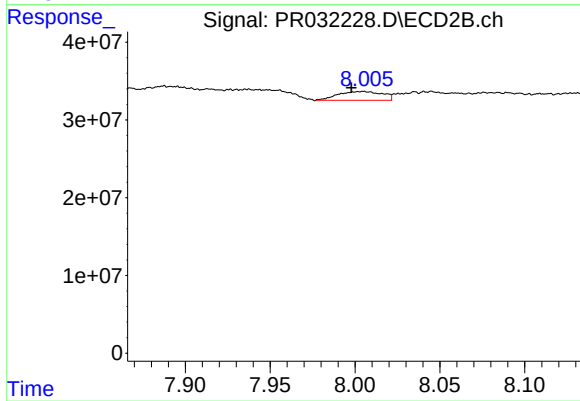
#39 AR-1262-4

R.T.: 7.421 min
Delta R.T.: -0.021 min
Response: 11386236
Conc: 6.73 ng/ml



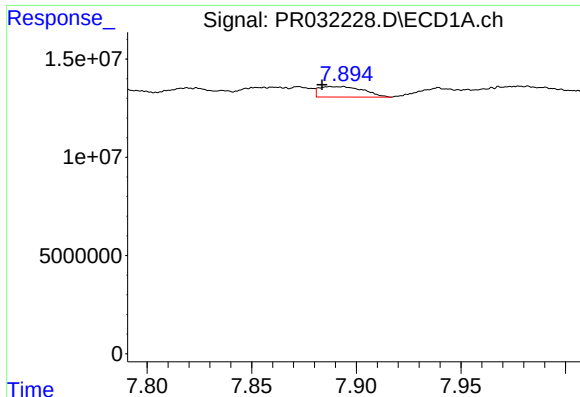
#40 AR-1262-5

R.T.: 9.495 min
Delta R.T.: -0.001 min
Response: 655796
Conc: 0.48 ng/ml



#40 AR-1262-5

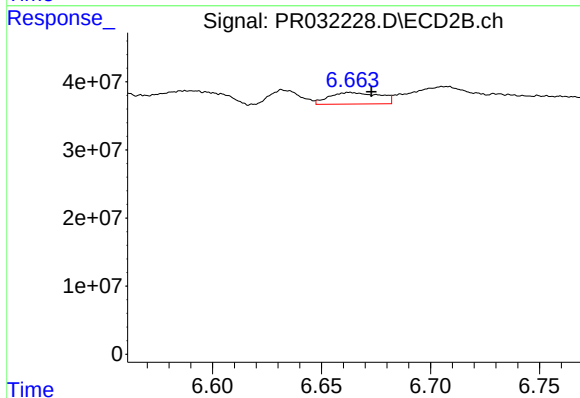
R.T.: 8.004 min
Delta R.T.: 0.006 min
Response: 20655418
Conc: 19.59 ng/ml



#41 AR-1268-1

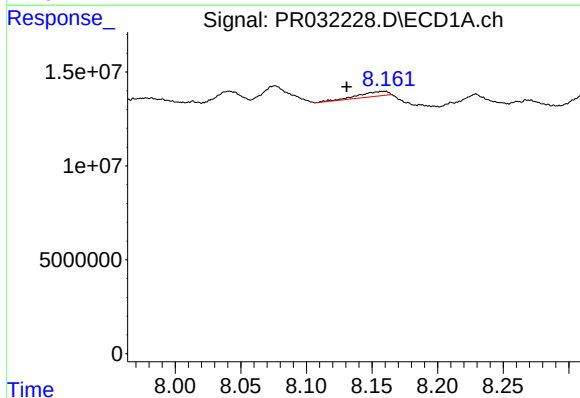
R.T.: 7.888 min
Delta R.T.: 0.004 min
Response: 7797229
Conc: 11.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



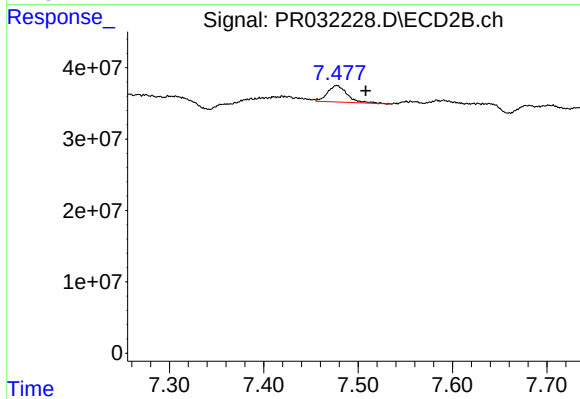
#41 AR-1268-1

R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 26938271
Conc: 19.23 ng/ml



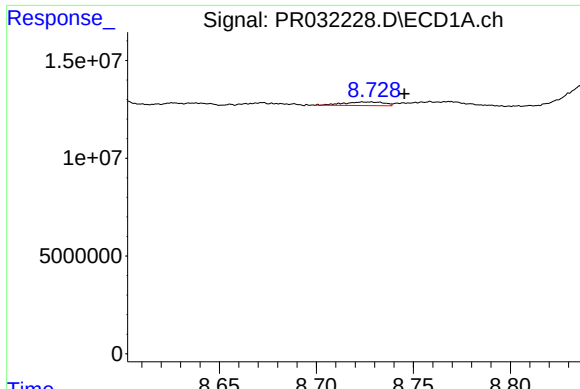
#42 AR-1268-2

R.T.: 8.159 min
Delta R.T.: 0.029 min
Response: 3913941
Conc: 4.23 ng/ml



#42 AR-1268-2

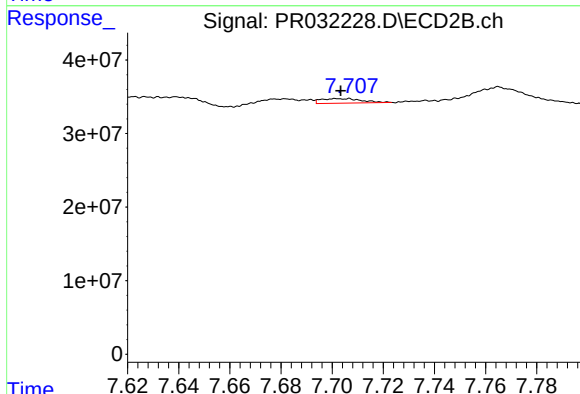
R.T.: 7.477 min
Delta R.T.: -0.031 min
Response: 33330848
Conc: 5.56 ng/ml



#43 AR-1268-3

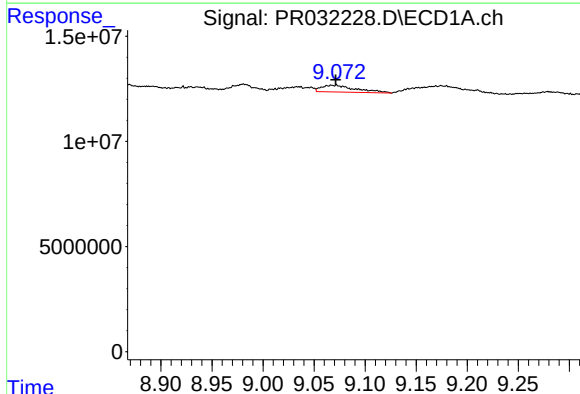
R.T.: 8.724 min
Delta R.T.: -0.021 min
Response: 2638070
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



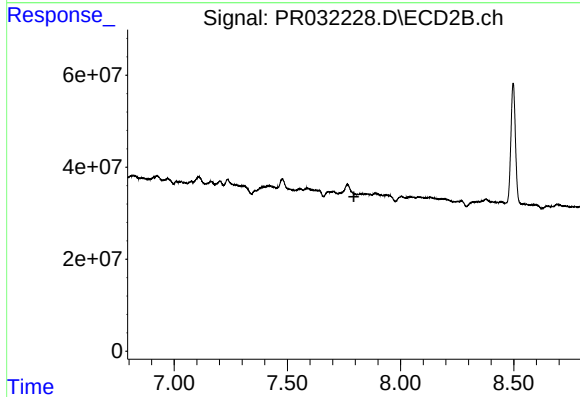
#43 AR-1268-3

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 6985547
Conc: 2.48 ng/ml



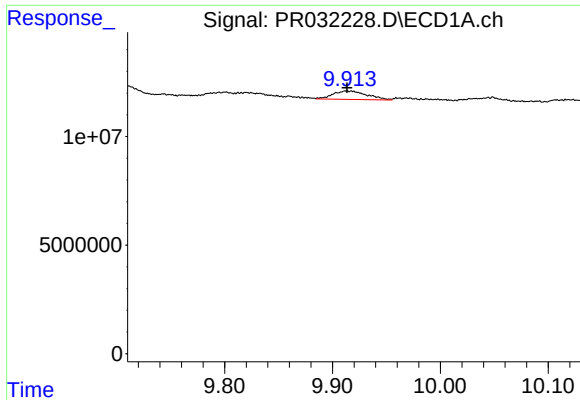
#44 AR-1268-4

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 7484097
Conc: 2.18 ng/ml



#44 AR-1268-4

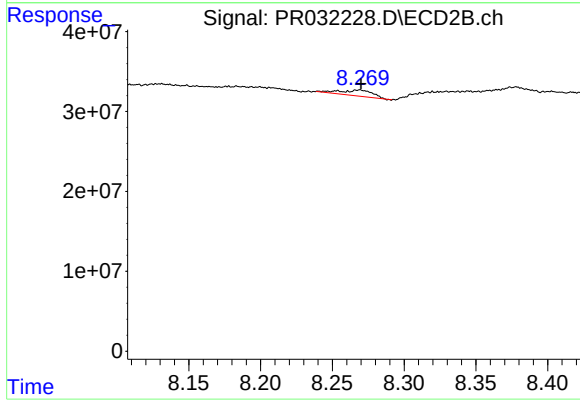
R.T.: 0.000 min
Exp R.T.: 7.794 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.004 min
Response: 8499109
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.001 min
Response: 11402722
Conc: 1.58 ng/ml