

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090718\
 Data File : PR031877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2018 18:23
 Operator : SM\SJ
 Sample : J4811-03
 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 10 11:42:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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	3.656	294.2E6	537.6E6	15.009	14.582
2)	SA Decachlor...	10.269	8.516	561.7E6	434.0E6	17.463	16.579
Target Compounds							
3)	L1 AR-1016-1	5.229	4.305	5939769	21315458	11.044	19.475 #
4)	L1 AR-1016-2	5.420	4.712	2378413	44234607	4.205	25.940 #
5)	L1 AR-1016-3	5.646	4.712	1033149	44234607	1.170	15.255 #
6)	L1 AR-1016-4	5.779	4.782	17589927	3265871	22.458	1.758 #
7)	L1 AR-1016-5	6.183	5.152	24450646	59341563	36.495	34.379
8)	L2 AR-1221-1	4.724	3.823	25951619	-630787	111.317	N.D. #
10)	L2 AR-1221-3	4.902	4.034	54276519	50985204	97.815	49.396 #
11)	L3 AR-1232-1	5.731	4.471	16183643	43687547	30.841	78.302 #
12)	L3 AR-1232-2	5.867	4.625	2456051	94277193	9.110	499.396 #
13)	L3 AR-1232-3	6.038	4.981	9987373	6303606	127.168	10.855 #
14)	L3 AR-1232-4	6.344	5.306	35526457	172.7E6	432.574	236.613 #
15)	L3 AR-1232-5	7.244	5.875	19354717	32950783	355.786	297.239
16)	L4 AR-1242-1	5.259	4.330	11163691	2497999	41.949	4.262 #
17)	L4 AR-1242-2	5.982	4.900	31629638	21374074	64.454	17.584 #
18)	L4 AR-1242-3	6.209	5.009	14006006	51210393	56.728	118.525 #
19)	L4 AR-1242-4	6.209	5.355	14006006	29733346	78.109	72.025
20)	L4 AR-1242-5	6.298	5.751	9563606	15066019	15.172	16.091
21)	L5 AR-1248-1	5.948	4.953	5726411	93611820	7.127	53.349 #
22)	L5 AR-1248-2	6.569	5.485	16459088	35286187	19.440	9.631 #
23)	L5 AR-1248-3	6.569	5.505	16459088	69716309	14.422	26.648 #
24)	L5 AR-1248-4	6.602	5.670	11621106	47770218	10.785	17.888 #
25)	L5 AR-1248-5	6.806	6.027	11404121	55792165	15.746	33.085 #
26)	L6 AR-1254-1	6.759	5.629	25498971	20435955	13.128	5.375 #
27)	L6 AR-1254-2	7.042	5.949	9256019	27416238	7.592	9.284
28)	L6 AR-1254-3	7.117	6.230	5262023	29211509	2.402	6.529 #
29)	L6 AR-1254-4	7.414	6.553	10396575	8088196	5.967	3.807 #
30)	L6 AR-1254-5	7.641	6.651	6523996	25430949	5.021	6.680 #
31)	L7 AR-1260-1	7.296	6.161	8056797	55635203	5.169	15.080 #
32)	L7 AR-1260-2	7.542	6.327	2728668	7229553	1.370	1.613
33)	L7 AR-1260-3	7.828	6.480	7317084	202952	3.142	0.058 #
34)	L7 AR-1260-4	8.152	6.941	21856927	2544716	13.107	1.238 #
35)	L7 AR-1260-5	8.448	7.179	16617489	32381899	4.430	7.418 #
36)	L8 AR-1262-1	7.193	6.027	8636628	55792165	10.203	27.885 #
37)	L8 AR-1262-2	7.953	6.745	10294094	2738492	12.088	1.821 #
38)	L8 AR-1262-3	8.195	7.049	5095465	4392217	6.766	3.598 #
39)	L8 AR-1262-4	8.853	7.438	18174919	8033703	8.551	4.797 #
40)	L8 AR-1262-5	9.550	8.023	4715876	4359613	3.087	3.444
41)	L9 AR-1268-1	7.897	6.674	10646802	29799906	11.671	18.258 #
42)	L9 AR-1268-2	8.152	7.494	21856927	22188123	17.387	5.523 #

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 Sample : J4811-03
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 ALS Vial : 26 Sample Multiplier: 1

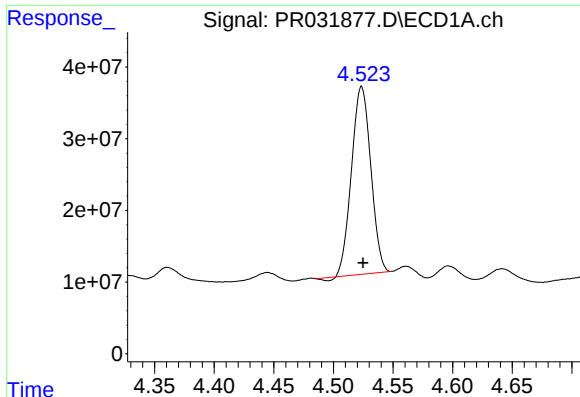
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:42:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.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
43) L9	AR-1268-3	8.780	7.715	8611116	6473304	1.552	1.879
44) L9	AR-1268-4	9.084	0.000	4381845	0	0.992	N.D. #
45) L9	AR-1268-5	9.928	8.284	5065927	12739729	0.416	1.335 #

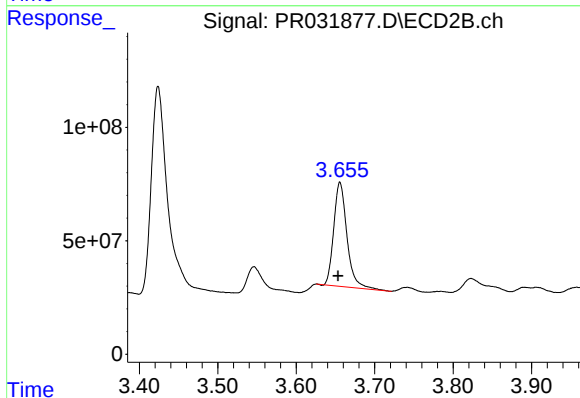
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

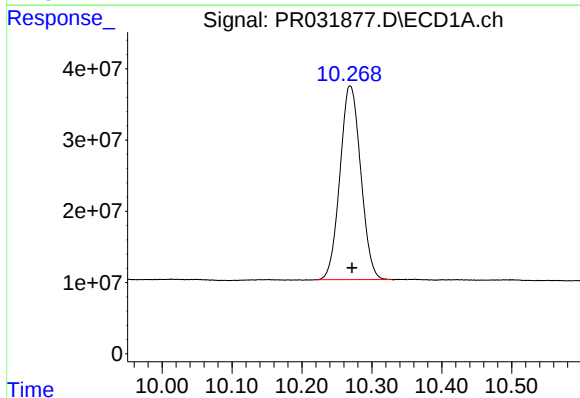
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 294245756
Conc: 15.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



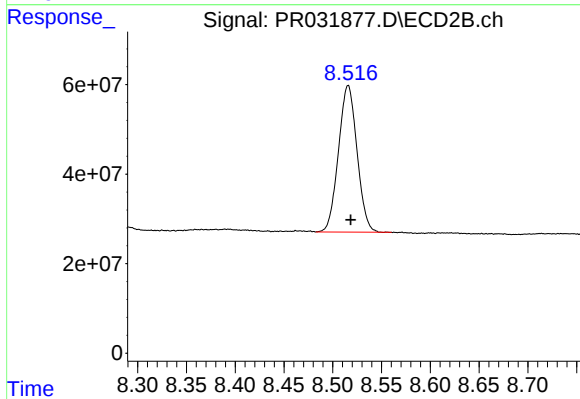
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.002 min
Response: 537629246
Conc: 14.58 ng/ml



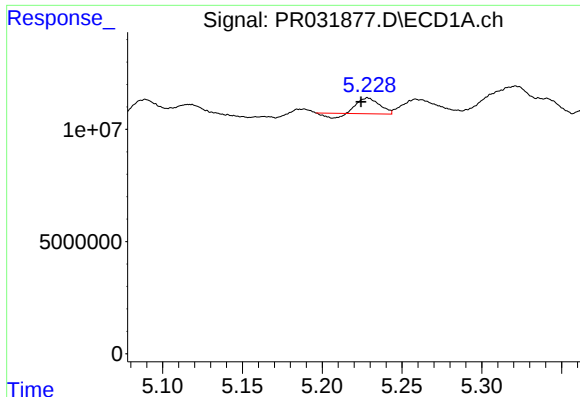
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 561696241
Conc: 17.46 ng/ml



#2 Decachlorobiphenyl

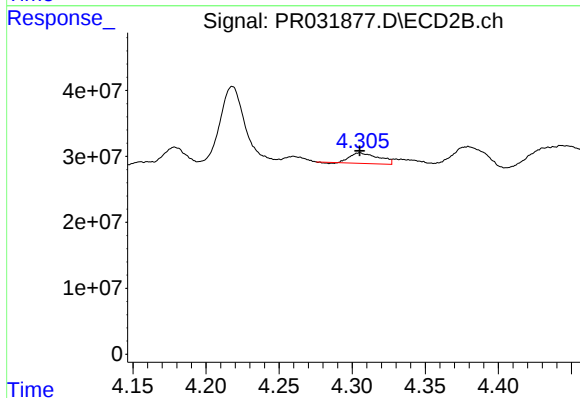
R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 434042084
Conc: 16.58 ng/ml



#3 AR-1016-1

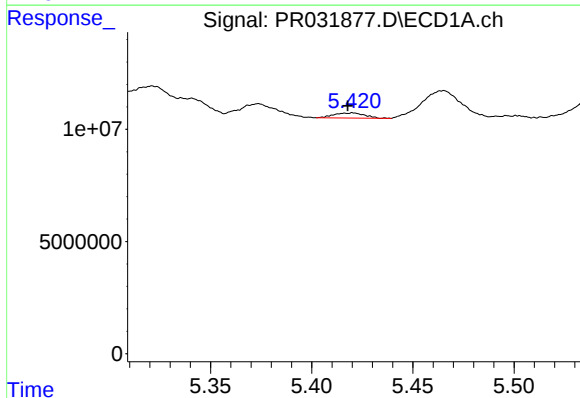
R.T.: 5.229 min
Delta R.T.: 0.004 min
Response: 5939769
Conc: 11.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



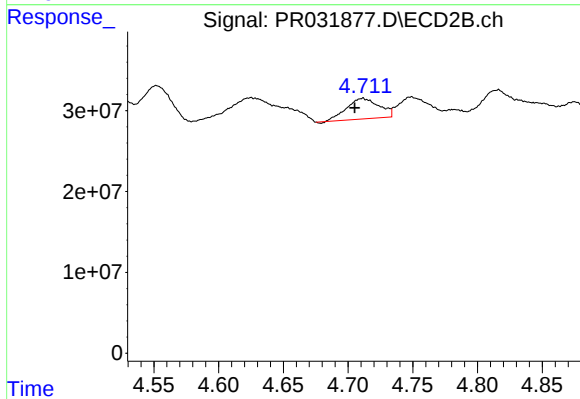
#3 AR-1016-1

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 21315458
Conc: 19.47 ng/ml



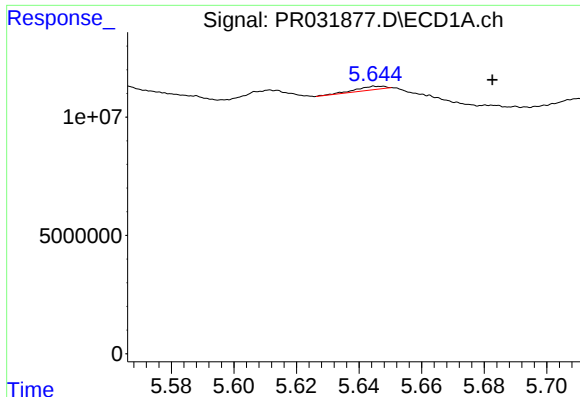
#4 AR-1016-2

R.T.: 5.420 min
Delta R.T.: 0.003 min
Response: 2378413
Conc: 4.21 ng/ml



#4 AR-1016-2

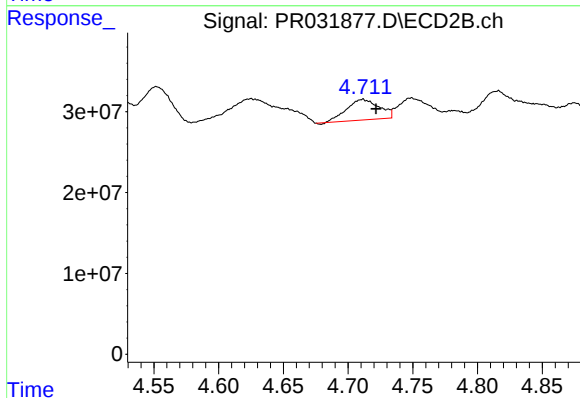
R.T.: 4.712 min
Delta R.T.: 0.007 min
Response: 44234607
Conc: 25.94 ng/ml



#5 AR-1016-3

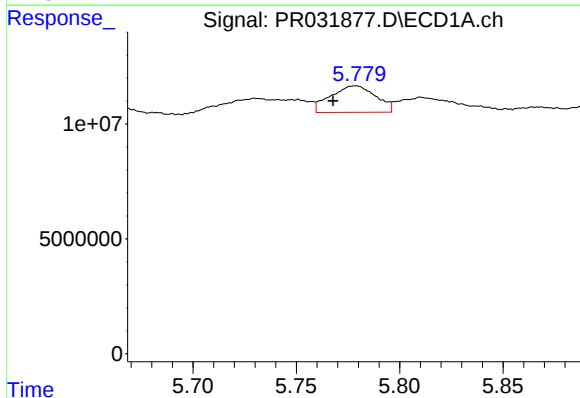
R.T.: 5.646 min
Delta R.T.: -0.036 min
Response: 1033149
Conc: 1.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



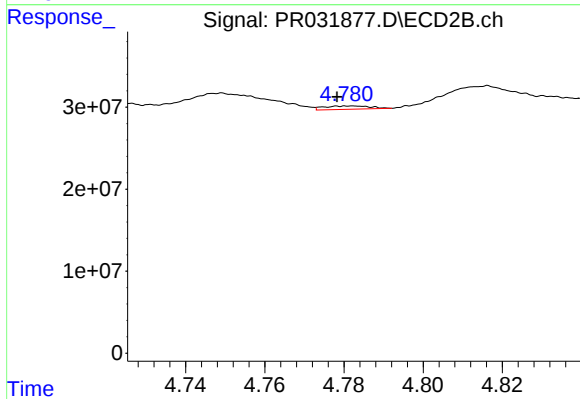
#5 AR-1016-3

R.T.: 4.712 min
Delta R.T.: -0.010 min
Response: 44234607
Conc: 15.26 ng/ml



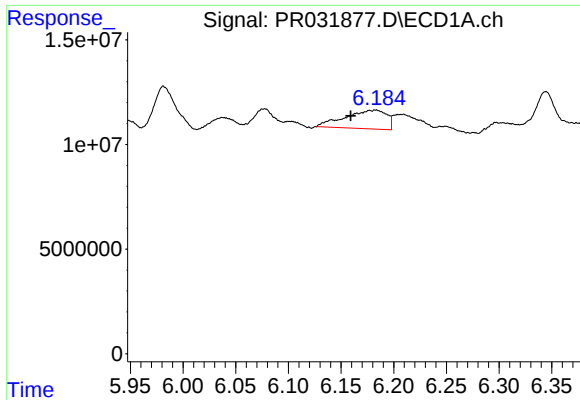
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.011 min
Response: 17589927
Conc: 22.46 ng/ml



#6 AR-1016-4

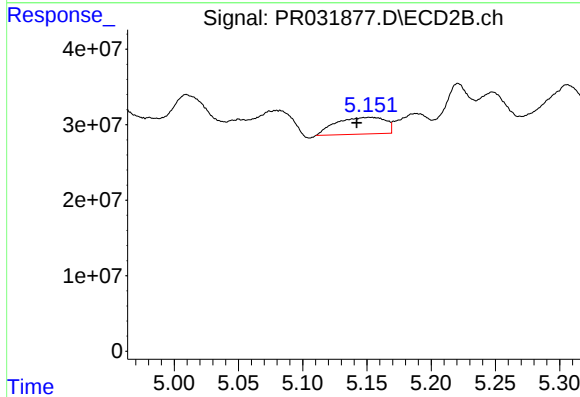
R.T.: 4.782 min
Delta R.T.: 0.004 min
Response: 3265871
Conc: 1.76 ng/ml



#7 AR-1016-5

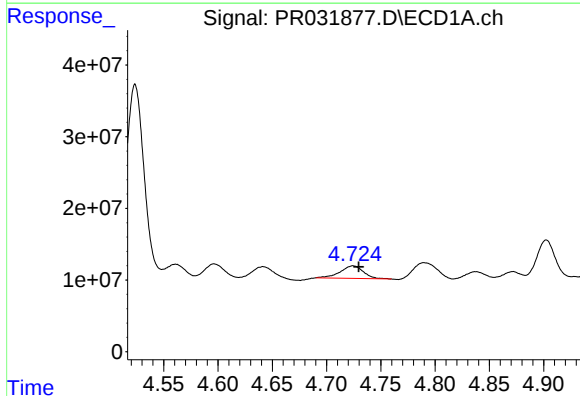
R.T.: 6.183 min
Delta R.T.: 0.024 min
Response: 24450646
Conc: 36.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



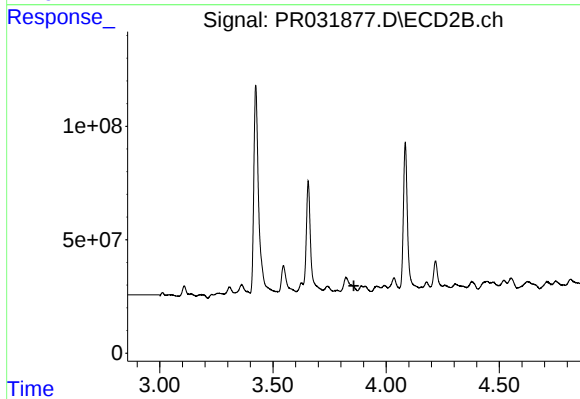
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: 0.009 min
Response: 59341563
Conc: 34.38 ng/ml



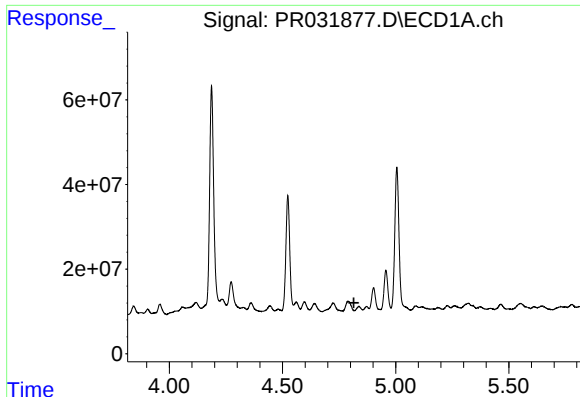
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 25951619
Conc: 111.32 ng/ml



#8 AR-1221-1

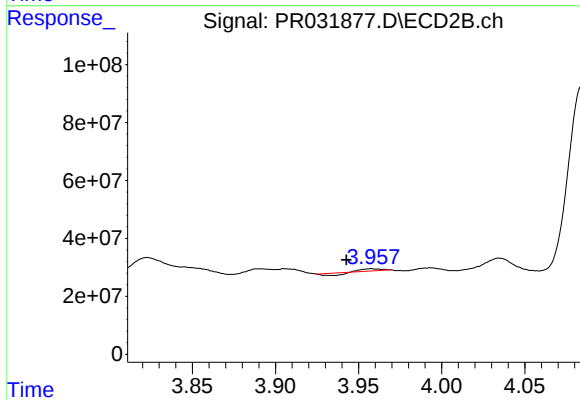
R.T.: 3.823 min
Delta R.T.: -0.035 min
Response: -630787
Conc: N.D.



#9 AR-1221-2

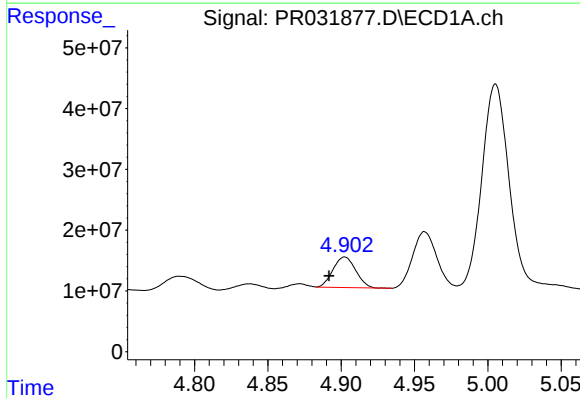
R.T.: 4.837 min
Delta R.T.: 0.022 min
Response: -1719839
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



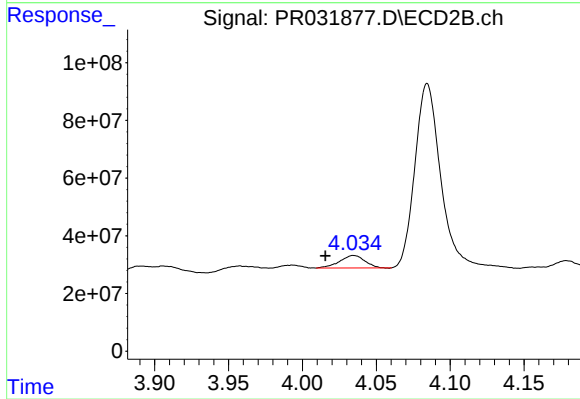
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: 0.015 min
Response: 1662625
Conc: 5.33 ng/ml



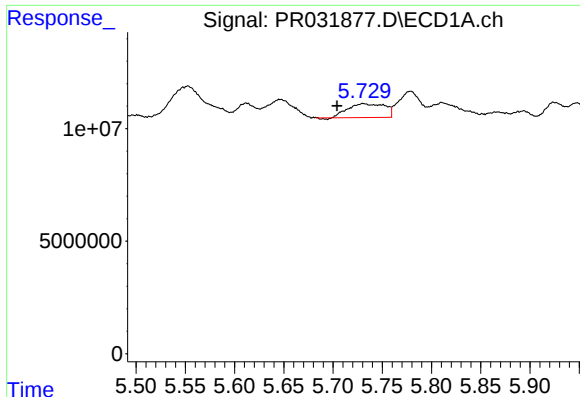
#10 AR-1221-3

R.T.: 4.902 min
Delta R.T.: 0.011 min
Response: 54276519
Conc: 97.82 ng/ml



#10 AR-1221-3

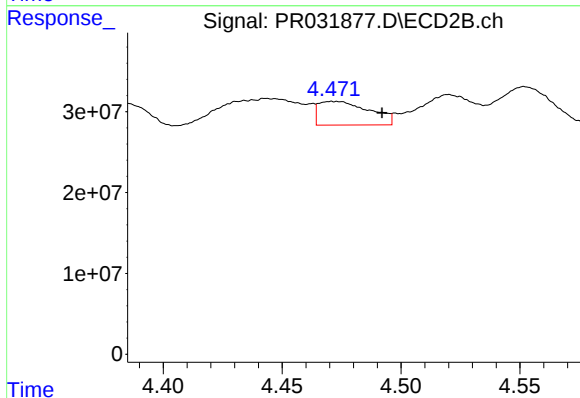
R.T.: 4.034 min
Delta R.T.: 0.019 min
Response: 50985204
Conc: 49.40 ng/ml



#11 AR-1232-1

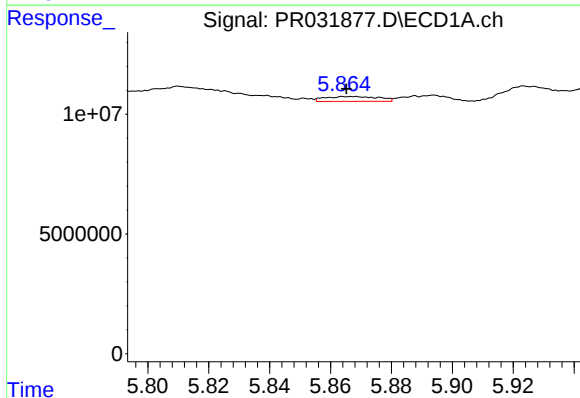
R.T.: 5.731 min
Delta R.T.: 0.027 min
Response: 16183643
Conc: 30.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



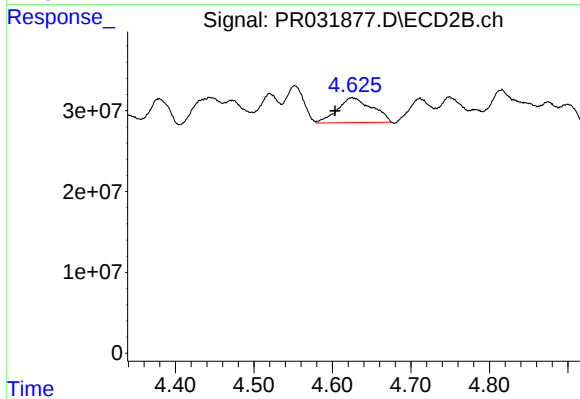
#11 AR-1232-1

R.T.: 4.471 min
Delta R.T.: -0.021 min
Response: 43687547
Conc: 78.30 ng/ml



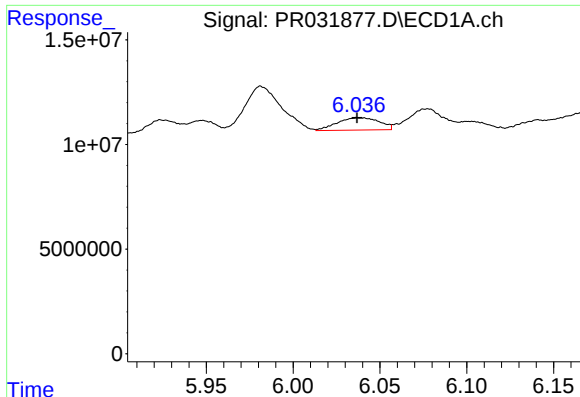
#12 AR-1232-2

R.T.: 5.867 min
Delta R.T.: 0.002 min
Response: 2456051
Conc: 9.11 ng/ml



#12 AR-1232-2

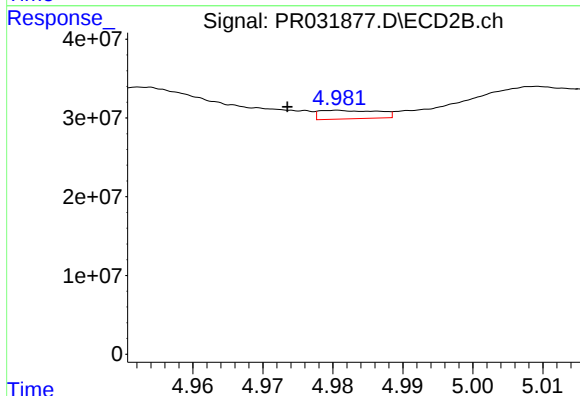
R.T.: 4.625 min
Delta R.T.: 0.022 min
Response: 94277193
Conc: 499.40 ng/ml



#13 AR-1232-3

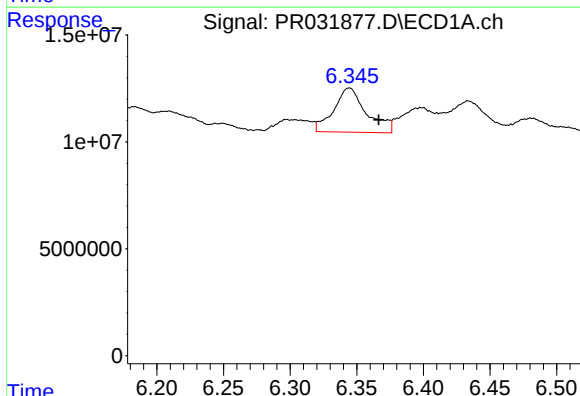
R.T.: 6.038 min
Delta R.T.: 0.001 min
Response: 9987373
Conc: 127.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



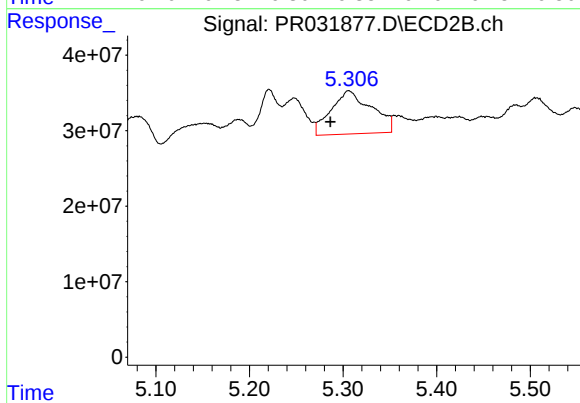
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 6303606
Conc: 10.85 ng/ml



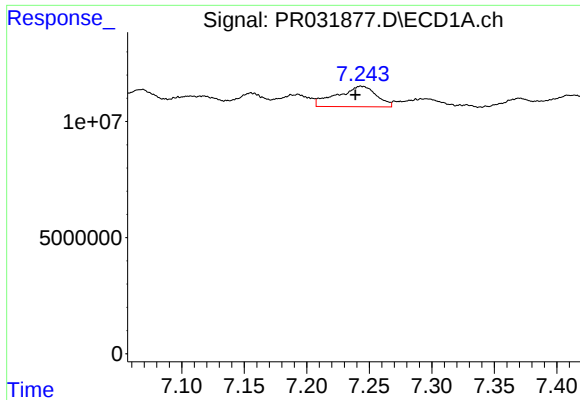
#14 AR-1232-4

R.T.: 6.344 min
Delta R.T.: -0.022 min
Response: 35526457
Conc: 432.57 ng/ml



#14 AR-1232-4

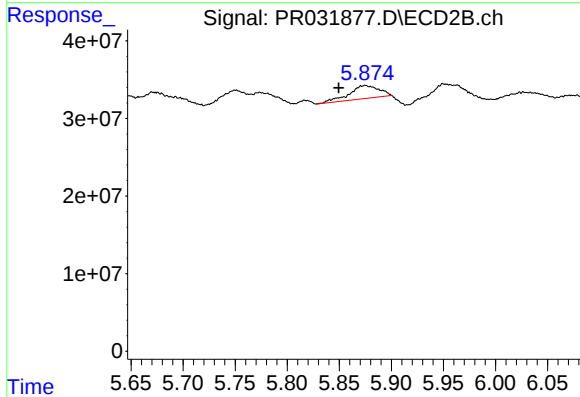
R.T.: 5.306 min
Delta R.T.: 0.019 min
Response: 172677405
Conc: 236.61 ng/ml



#15 AR-1232-5

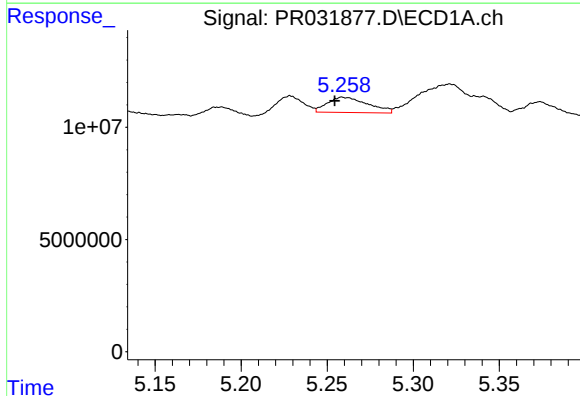
R.T.: 7.244 min
Delta R.T.: 0.005 min
Response: 19354717
Conc: 355.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



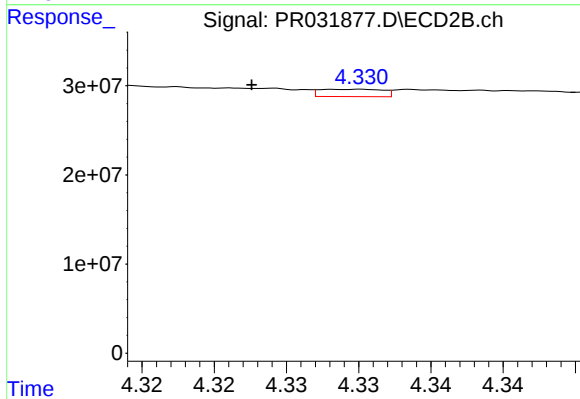
#15 AR-1232-5

R.T.: 5.875 min
Delta R.T.: 0.025 min
Response: 32950783
Conc: 297.24 ng/ml



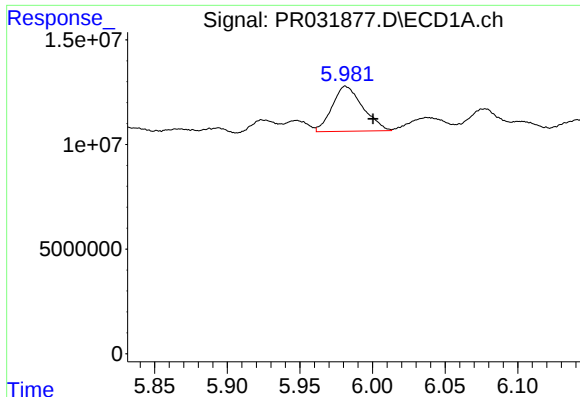
#16 AR-1242-1

R.T.: 5.259 min
Delta R.T.: 0.005 min
Response: 11163691
Conc: 41.95 ng/ml



#16 AR-1242-1

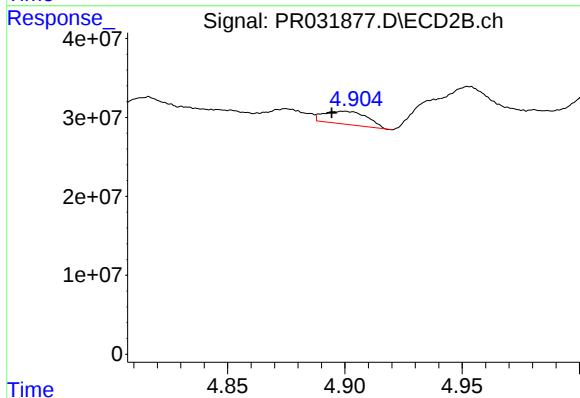
R.T.: 4.330 min
Delta R.T.: 0.007 min
Response: 2497999
Conc: 4.26 ng/ml



#17 AR-1242-2

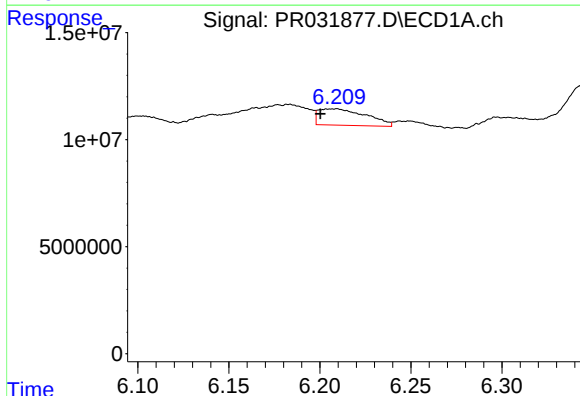
R.T.: 5.982 min
Delta R.T.: -0.019 min
Response: 31629638
Conc: 64.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



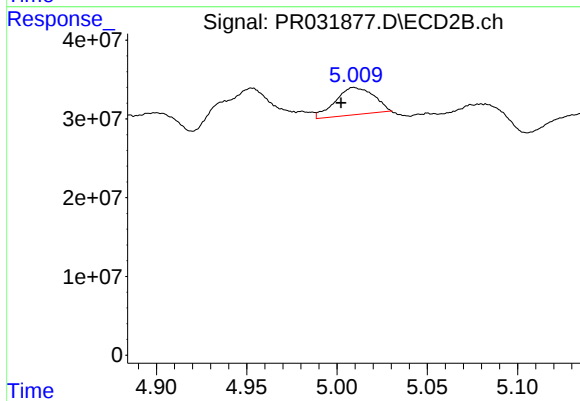
#17 AR-1242-2

R.T.: 4.900 min
Delta R.T.: 0.006 min
Response: 21374074
Conc: 17.58 ng/ml



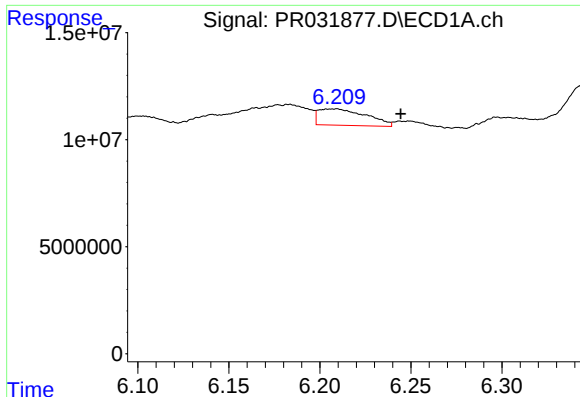
#18 AR-1242-3

R.T.: 6.209 min
Delta R.T.: 0.009 min
Response: 14006006
Conc: 56.73 ng/ml



#18 AR-1242-3

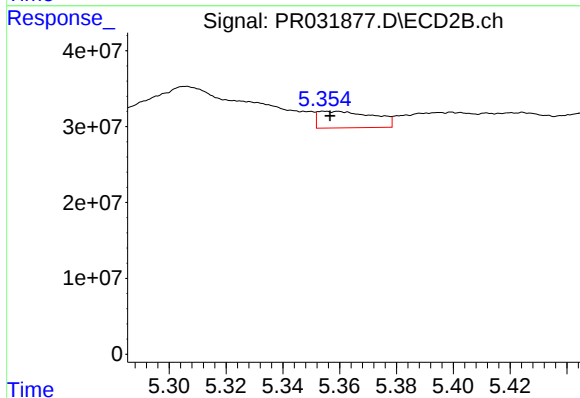
R.T.: 5.009 min
Delta R.T.: 0.007 min
Response: 51210393
Conc: 118.52 ng/ml



#19 AR-1242-4

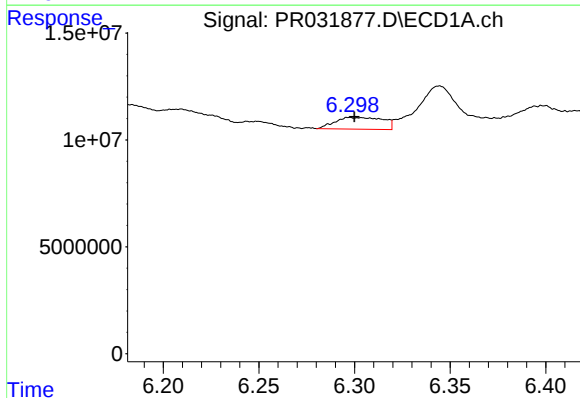
R.T.: 6.209 min
Delta R.T.: -0.036 min
Response: 14006006
Conc: 78.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



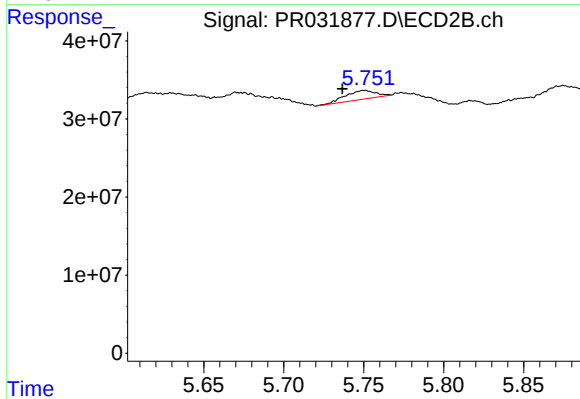
#19 AR-1242-4

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 29733346
Conc: 72.02 ng/ml



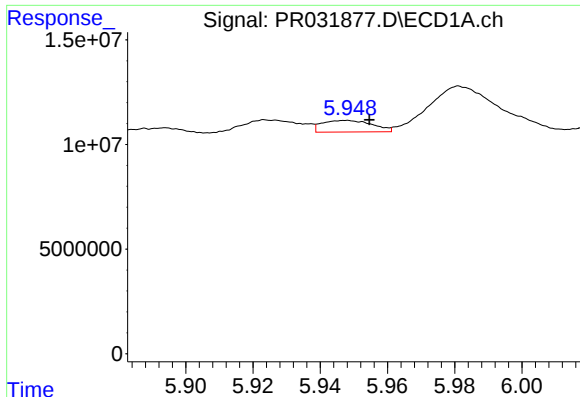
#20 AR-1242-5

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 9563606
Conc: 15.17 ng/ml



#20 AR-1242-5

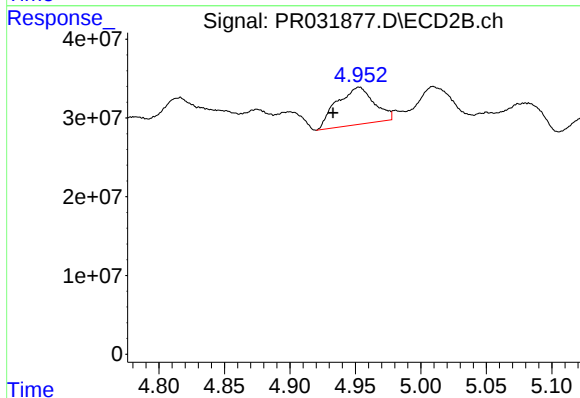
R.T.: 5.751 min
Delta R.T.: 0.014 min
Response: 15066019
Conc: 16.09 ng/ml



#21 AR-1248-1

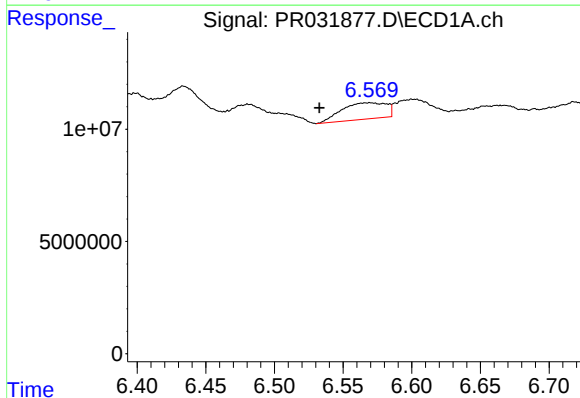
R.T.: 5.948 min
Delta R.T.: -0.007 min
Response: 5726411
Conc: 7.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



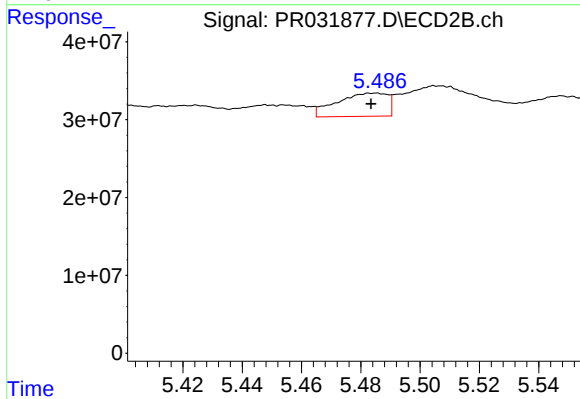
#21 AR-1248-1

R.T.: 4.953 min
Delta R.T.: 0.020 min
Response: 93611820
Conc: 53.35 ng/ml



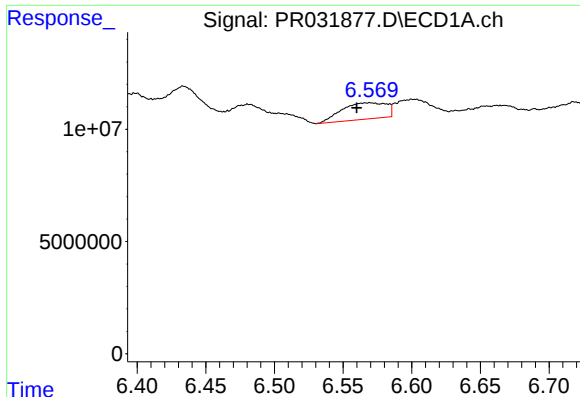
#22 AR-1248-2

R.T.: 6.569 min
Delta R.T.: 0.037 min
Response: 16459088
Conc: 19.44 ng/ml



#22 AR-1248-2

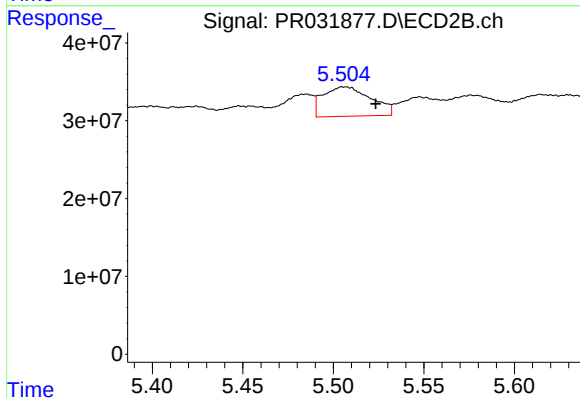
R.T.: 5.485 min
Delta R.T.: 0.002 min
Response: 35286187
Conc: 9.63 ng/ml



#23 AR-1248-3

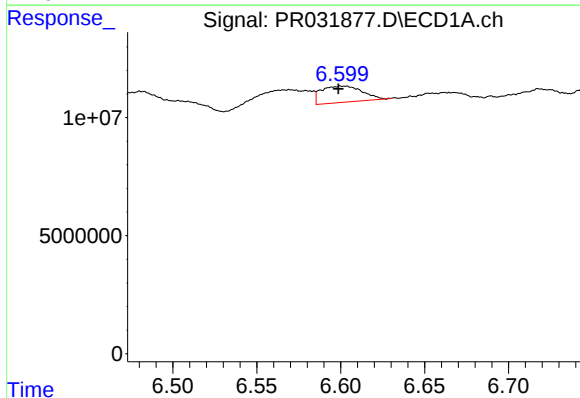
R.T.: 6.569 min
Delta R.T.: 0.010 min
Response: 16459088
Conc: 14.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



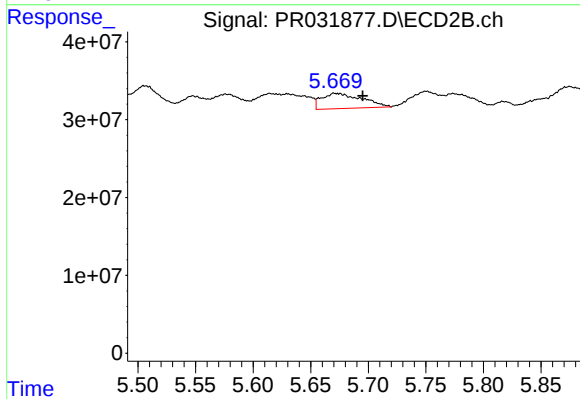
#23 AR-1248-3

R.T.: 5.505 min
Delta R.T.: -0.019 min
Response: 69716309
Conc: 26.65 ng/ml



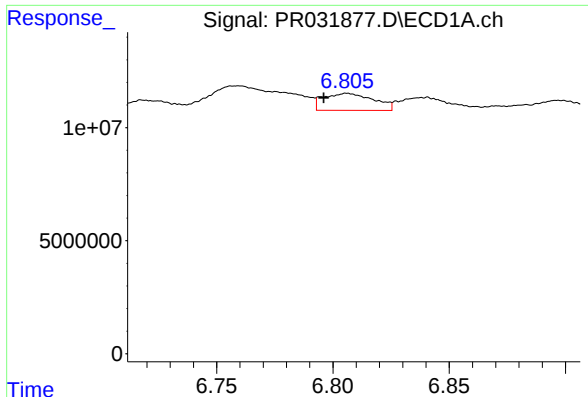
#24 AR-1248-4

R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 11621106
Conc: 10.79 ng/ml



#24 AR-1248-4

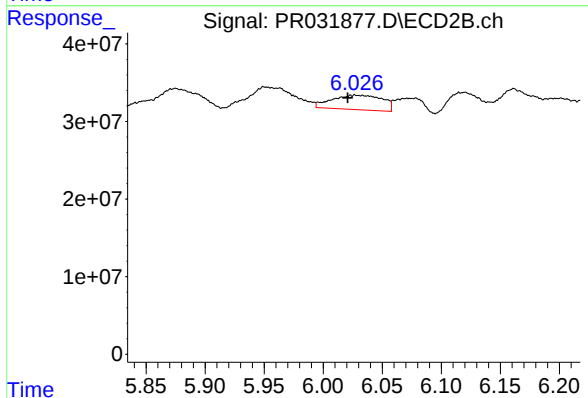
R.T.: 5.670 min
Delta R.T.: -0.025 min
Response: 47770218
Conc: 17.89 ng/ml



#25 AR-1248-5

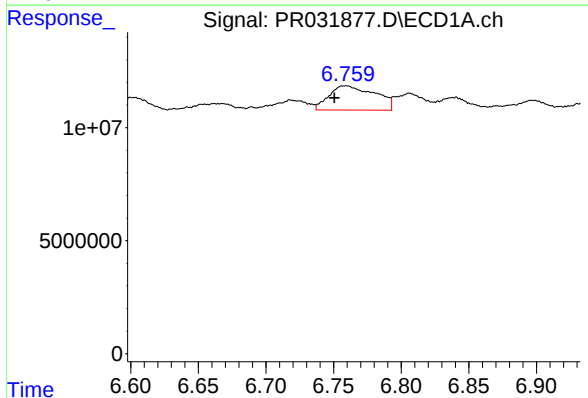
R.T.: 6.806 min
Delta R.T.: 0.010 min
Response: 11404121
Conc: 15.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



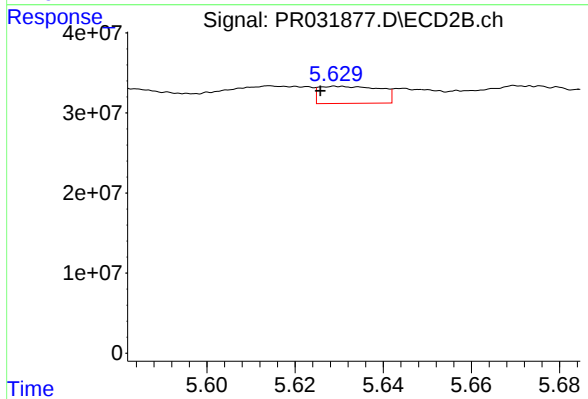
#25 AR-1248-5

R.T.: 6.027 min
Delta R.T.: 0.006 min
Response: 55792165
Conc: 33.08 ng/ml



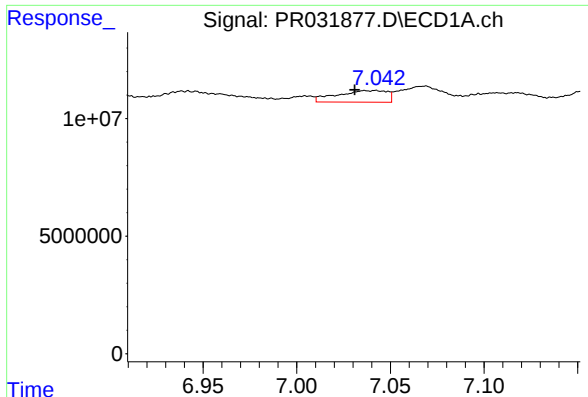
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: 0.009 min
Response: 25498971
Conc: 13.13 ng/ml



#26 AR-1254-1

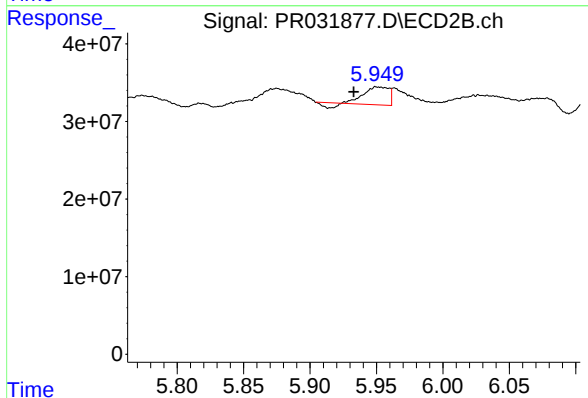
R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 20435955
Conc: 5.38 ng/ml



#27 AR-1254-2

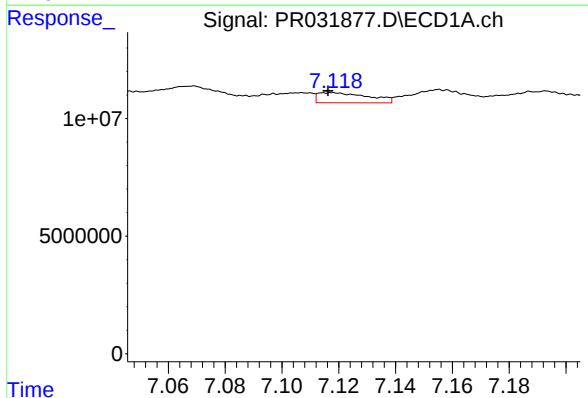
R.T.: 7.042 min
Delta R.T.: 0.011 min
Response: 9256019
Conc: 7.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



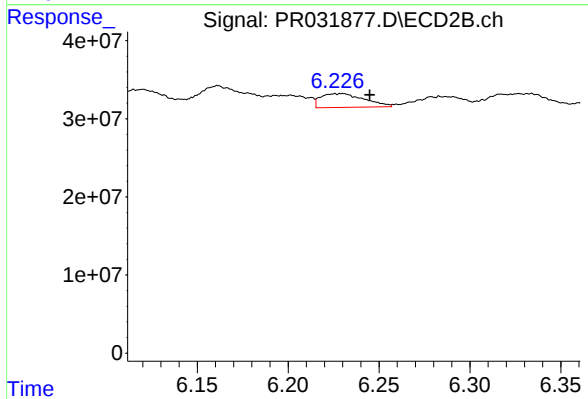
#27 AR-1254-2

R.T.: 5.949 min
Delta R.T.: 0.017 min
Response: 27416238
Conc: 9.28 ng/ml



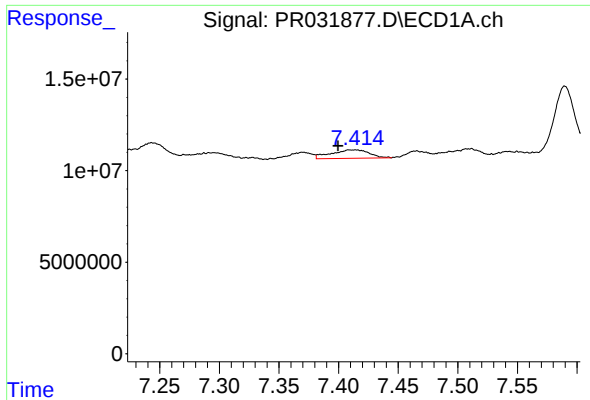
#28 AR-1254-3

R.T.: 7.117 min
Delta R.T.: 0.001 min
Response: 5262023
Conc: 2.40 ng/ml



#28 AR-1254-3

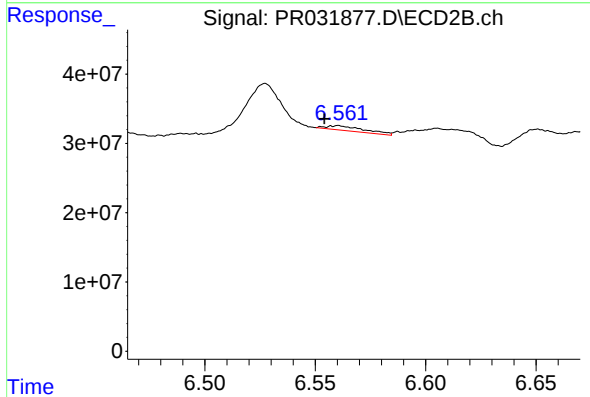
R.T.: 6.230 min
Delta R.T.: -0.015 min
Response: 29211509
Conc: 6.53 ng/ml



#29 AR-1254-4

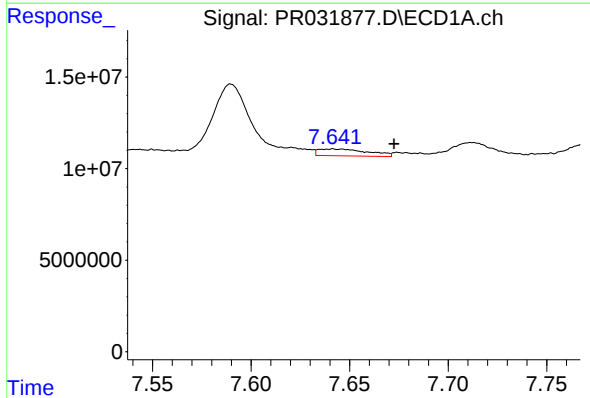
R.T.: 7.414 min
Delta R.T.: 0.015 min
Response: 10396575
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



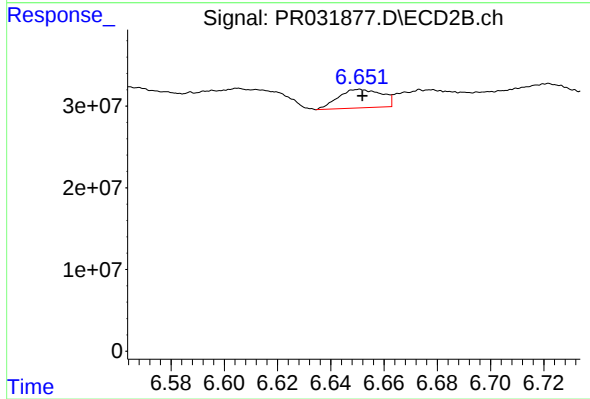
#29 AR-1254-4

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 8088196
Conc: 3.81 ng/ml



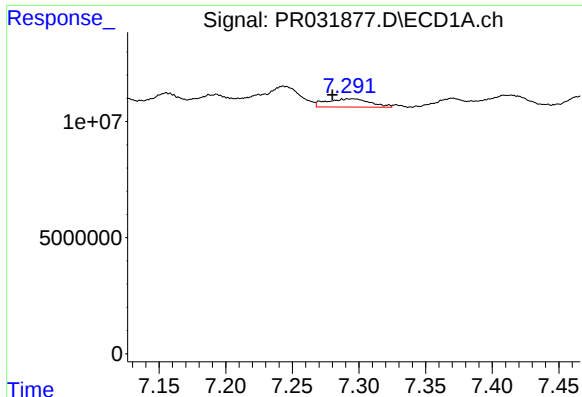
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: -0.031 min
Response: 6523996
Conc: 5.02 ng/ml



#30 AR-1254-5

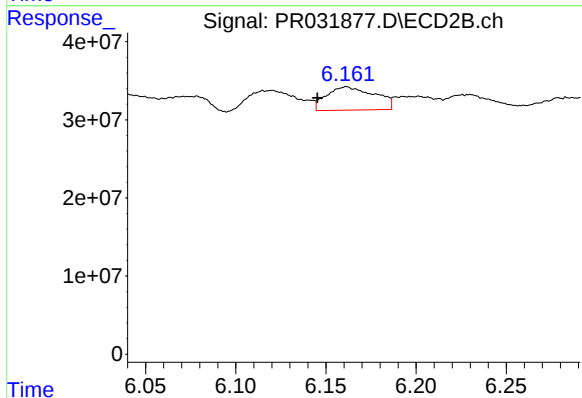
R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 25430949
Conc: 6.68 ng/ml



#31 AR-1260-1

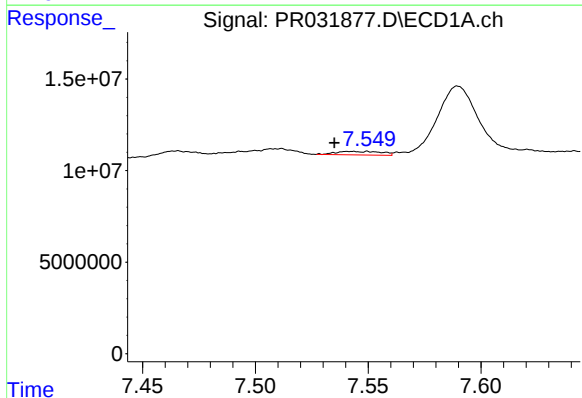
R.T.: 7.296 min
Delta R.T.: 0.016 min
Response: 8056797
Conc: 5.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



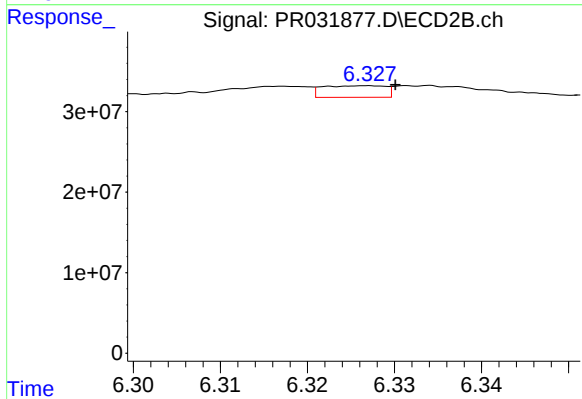
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: 0.016 min
Response: 55635203
Conc: 15.08 ng/ml



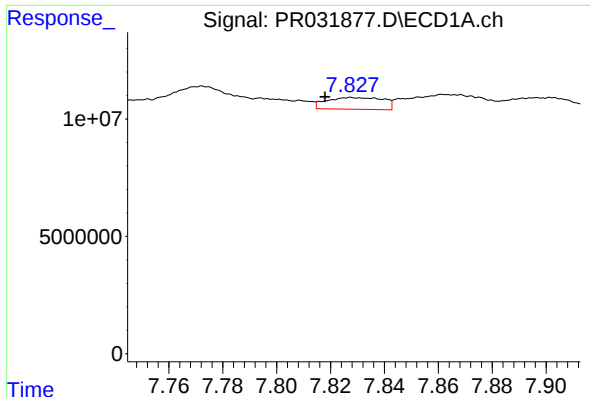
#32 AR-1260-2

R.T.: 7.542 min
Delta R.T.: 0.007 min
Response: 2728668
Conc: 1.37 ng/ml



#32 AR-1260-2

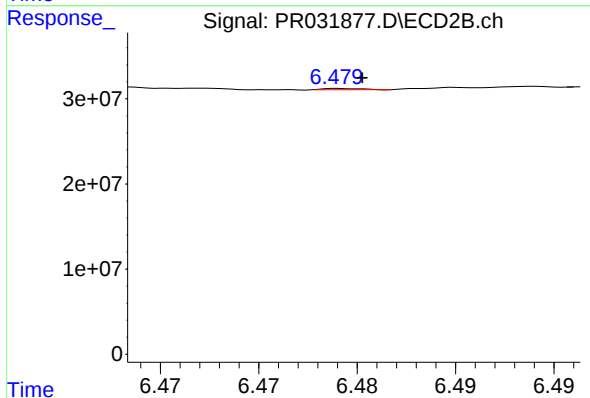
R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 7229553
Conc: 1.61 ng/ml



#33 AR-1260-3

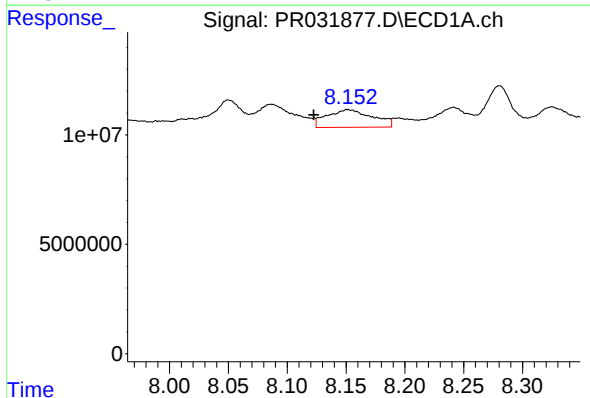
R.T.: 7.828 min
Delta R.T.: 0.010 min
Response: 7317084
Conc: 3.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



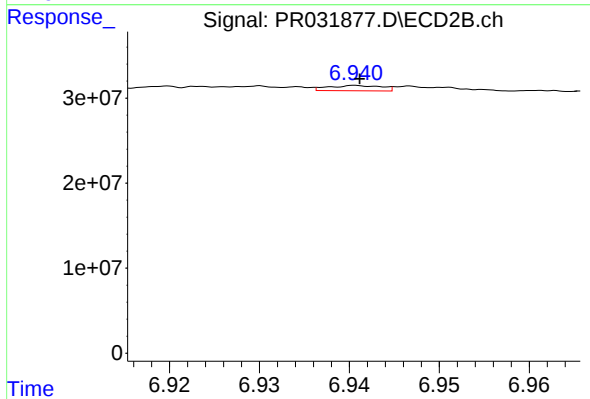
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 202952
Conc: 0.06 ng/ml



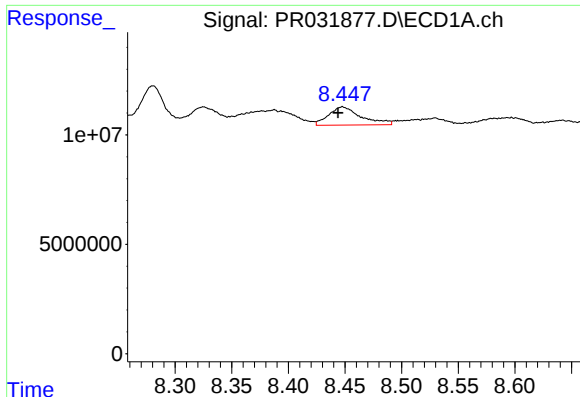
#34 AR-1260-4

R.T.: 8.152 min
Delta R.T.: 0.029 min
Response: 21856927
Conc: 13.11 ng/ml



#34 AR-1260-4

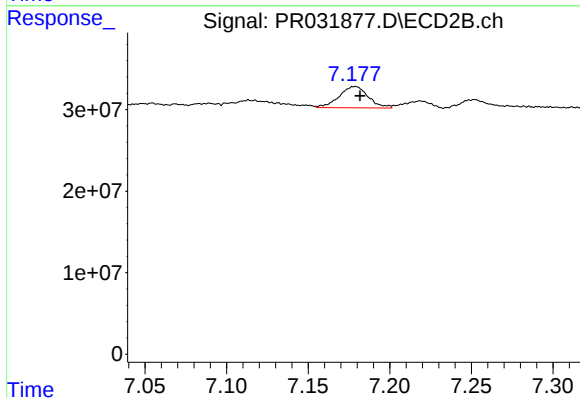
R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 2544716
Conc: 1.24 ng/ml



#35 AR-1260-5

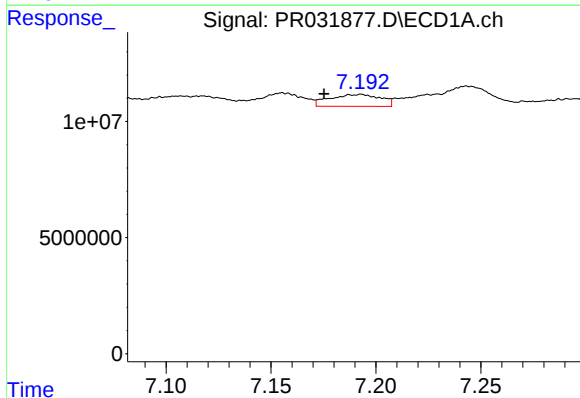
R.T.: 8.448 min
Delta R.T.: 0.004 min
Response: 16617489
Conc: 4.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



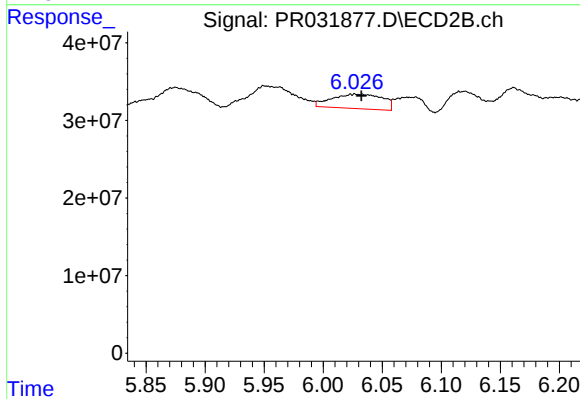
#35 AR-1260-5

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 32381899
Conc: 7.42 ng/ml



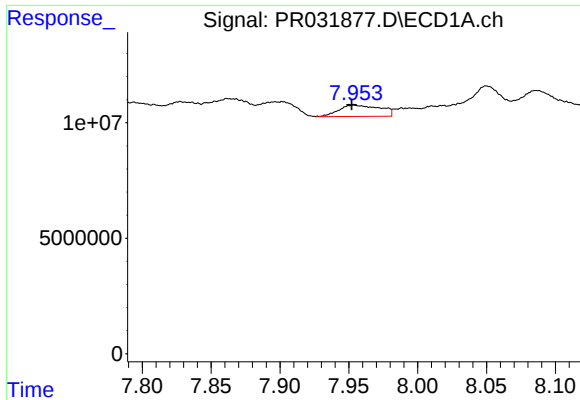
#36 AR-1262-1

R.T.: 7.193 min
Delta R.T.: 0.018 min
Response: 8636628
Conc: 10.20 ng/ml



#36 AR-1262-1

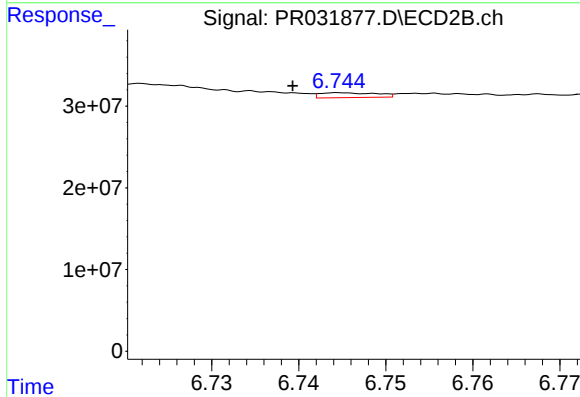
R.T.: 6.027 min
Delta R.T.: -0.006 min
Response: 55792165
Conc: 27.89 ng/ml



#37 AR-1262-2

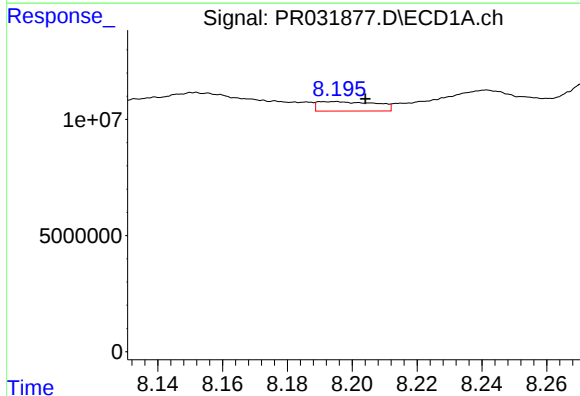
R.T.: 7.953 min
Delta R.T.: 0.001 min
Response: 10294094
Conc: 12.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



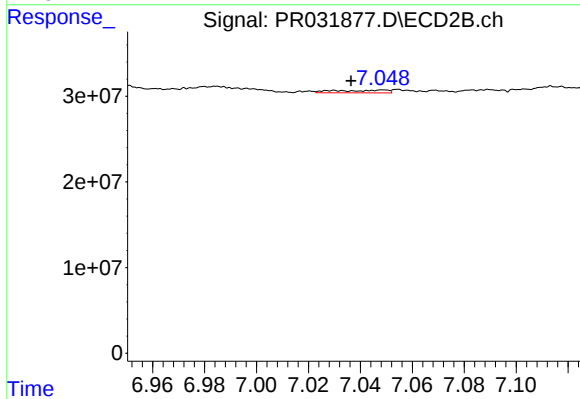
#37 AR-1262-2

R.T.: 6.745 min
Delta R.T.: 0.006 min
Response: 2738492
Conc: 1.82 ng/ml



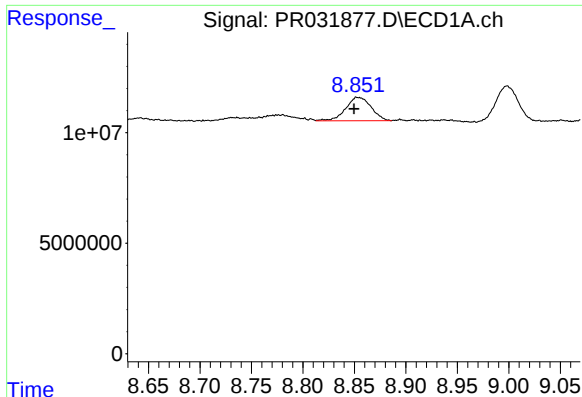
#38 AR-1262-3

R.T.: 8.195 min
Delta R.T.: -0.009 min
Response: 5095465
Conc: 6.77 ng/ml



#38 AR-1262-3

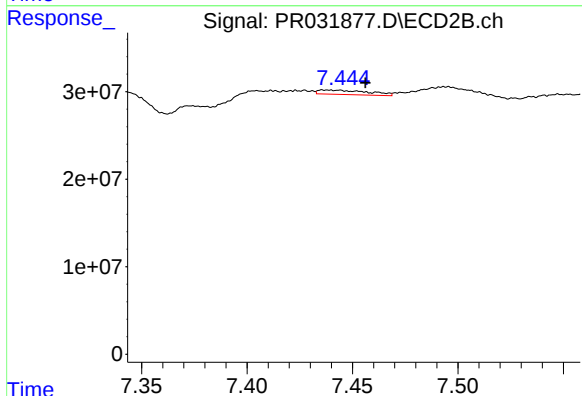
R.T.: 7.049 min
Delta R.T.: 0.012 min
Response: 4392217
Conc: 3.60 ng/ml



#39 AR-1262-4

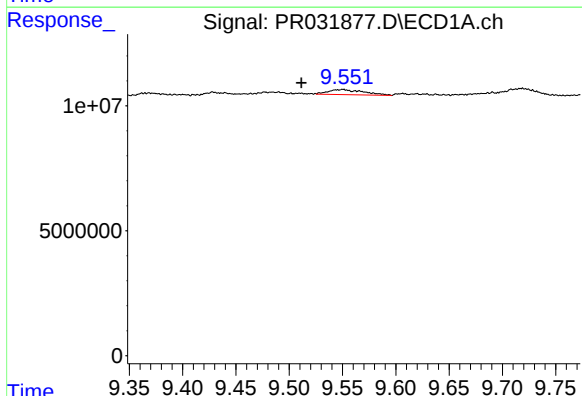
R.T.: 8.853 min
Delta R.T.: 0.003 min
Response: 18174919
Conc: 8.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



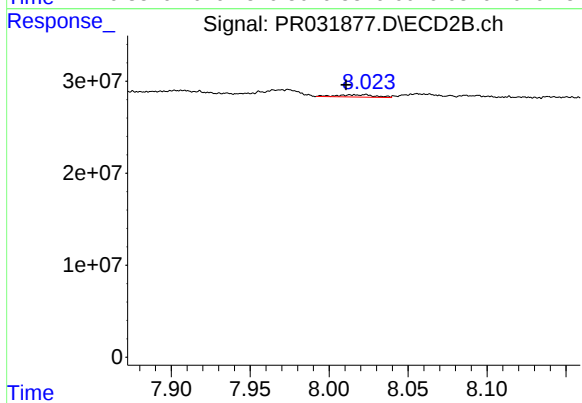
#39 AR-1262-4

R.T.: 7.438 min
Delta R.T.: -0.019 min
Response: 8033703
Conc: 4.80 ng/ml



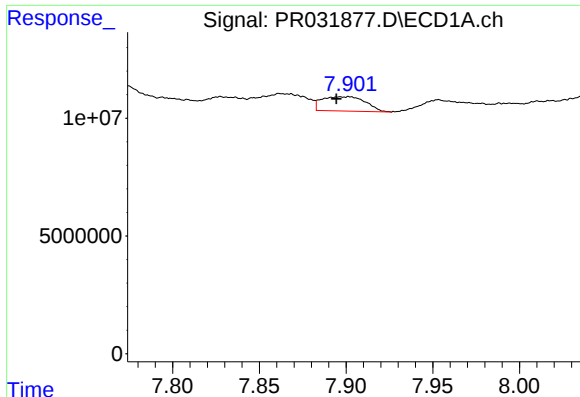
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.039 min
Response: 4715876
Conc: 3.09 ng/ml



#40 AR-1262-5

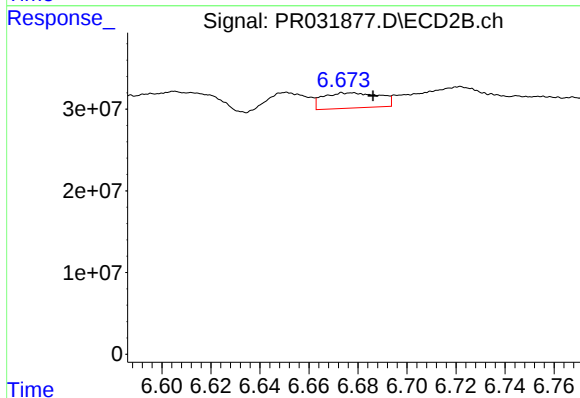
R.T.: 8.023 min
Delta R.T.: 0.013 min
Response: 4359613
Conc: 3.44 ng/ml



#41 AR-1268-1

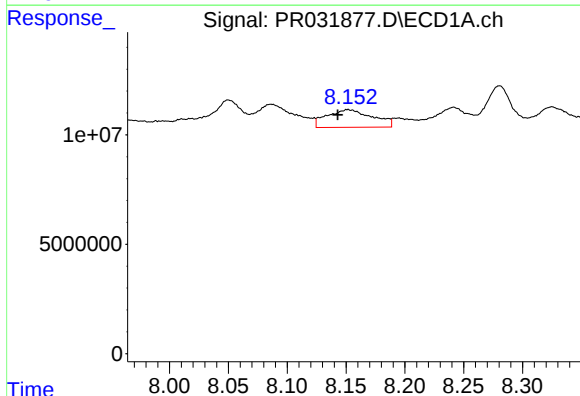
R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 10646802
Conc: 11.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



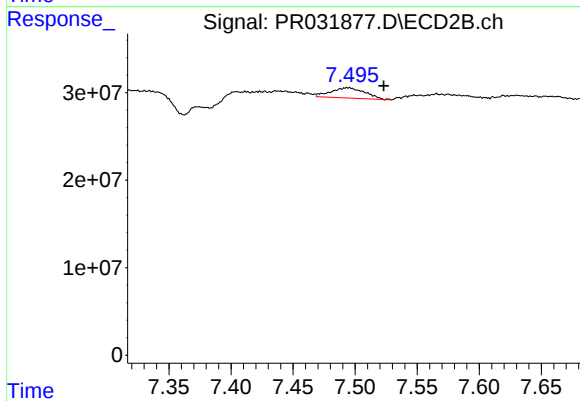
#41 AR-1268-1

R.T.: 6.674 min
Delta R.T.: -0.013 min
Response: 29799906
Conc: 18.26 ng/ml



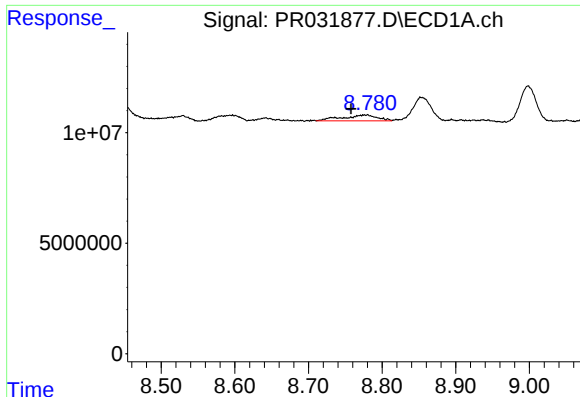
#42 AR-1268-2

R.T.: 8.152 min
Delta R.T.: 0.009 min
Response: 21856927
Conc: 17.39 ng/ml



#42 AR-1268-2

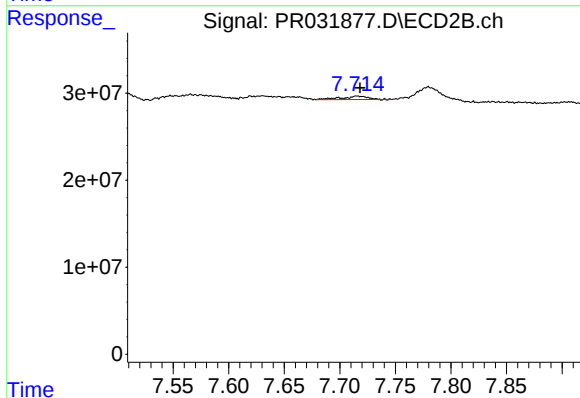
R.T.: 7.494 min
Delta R.T.: -0.029 min
Response: 22188123
Conc: 5.52 ng/ml



#43 AR-1268-3

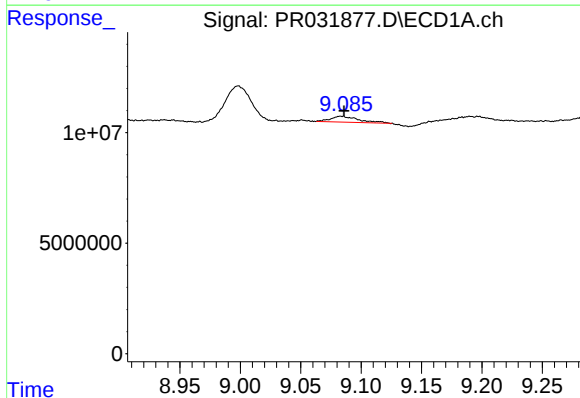
R.T.: 8.780 min
Delta R.T.: 0.022 min
Response: 8611116
Conc: 1.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



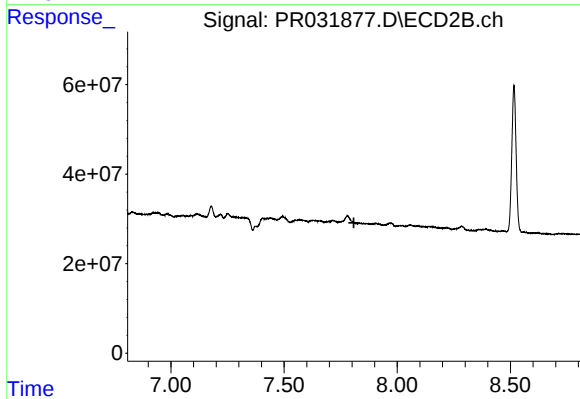
#43 AR-1268-3

R.T.: 7.715 min
Delta R.T.: -0.003 min
Response: 6473304
Conc: 1.88 ng/ml



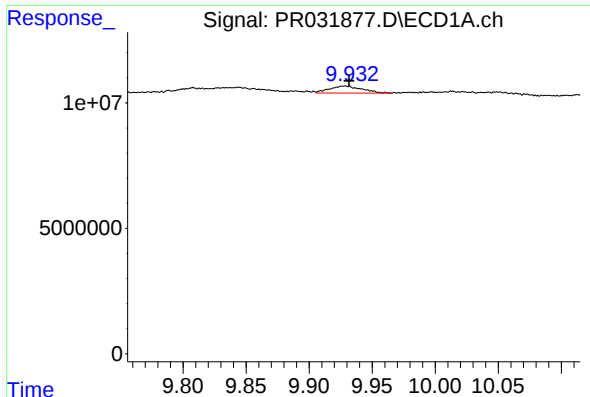
#44 AR-1268-4

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 4381845
Conc: 0.99 ng/ml



#44 AR-1268-4

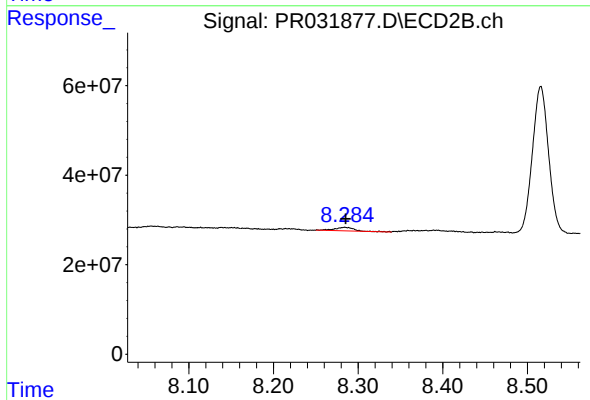
R.T.: 0.000 min
Exp R.T.: 7.809 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 5065927
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min
Delta R.T.: -0.001 min
Response: 12739729
Conc: 1.34 ng/ml