

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091218\
 Data File : PR032014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2018 18:04
 Operator : SM\SJ
 Sample : J4841-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:16:56 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...	4.517	3.647	372.0E6	670.1E6	17.095	15.970
2)	SA Decachlor...	10.260	8.507	587.6E6	437.0E6	23.229	23.088
Target Compounds							
3)	L1 AR-1016-1	5.221	4.298	6947305	21326152	12.087	18.155 #
4)	L1 AR-1016-2	5.411	4.704	2945132	34103179	5.044	19.180 #
5)	L1 AR-1016-3	5.642	4.704	1173701	34103179	1.305	10.739 #
6)	L1 AR-1016-4	5.769	4.762	6950887	4822908	8.983	2.693 #
7)	L1 AR-1016-5	6.165	5.142	11041375	1159327	16.773	0.678 #
8)	L2 AR-1221-1	4.717	3.881	17067926	-10136831	69.668	N.D. #
9)	L2 AR-1221-2	4.829	3.946	-552307	3431195	N.D.	10.408 #
10)	L2 AR-1221-3	4.895	4.026	56093052	33120773	97.471	30.208 #
11)	L3 AR-1232-1	5.741	4.511	18596276	39175005	35.732	68.311 #
12)	L3 AR-1232-2	5.885	4.611	1580717	77904996	5.930	399.807 #
13)	L3 AR-1232-3	6.070	4.945	2404603	109.8E6	34.407	191.745 #
14)	L3 AR-1232-4	6.339	5.297	21957945	73733633	311.953	99.253 #
15)	L3 AR-1232-5	7.237	5.865	8152281	53718917	166.366	567.258 #
16)	L4 AR-1242-1	5.252	4.314	16021257	19131609	60.693	32.289 #
17)	L4 AR-1242-2	5.976	4.893	34939783	17678892	73.650	14.390 #
18)	L4 AR-1242-3	6.198	5.002	11080774	64688096	47.806	154.638 #
19)	L4 AR-1242-4	6.242	5.354	3008272	8049931	17.392	20.522
20)	L4 AR-1242-5	6.289	5.749	4399442	15904050	7.375	18.221 #
21)	L5 AR-1248-1	5.942	4.945	6597950	109.8E6	8.530	64.270 #
22)	L5 AR-1248-2	6.549	5.477	13411929	22655840	16.778	6.548 #
23)	L5 AR-1248-3	6.549	5.498	13411929	60065924	12.500	24.339 #
24)	L5 AR-1248-4	6.594	5.682	11996558	18919568	11.839	7.646 #
25)	L5 AR-1248-5	6.800	6.035	13266397	126.1E6	19.799	79.023 #
26)	L6 AR-1254-1	6.751	5.620	22440104	43474800	11.923	11.558
27)	L6 AR-1254-2	7.033	5.942	20050414	51717559	17.094	17.982
28)	L6 AR-1254-3	7.105	6.220	15414057	116.3E6	7.400	25.801 #
29)	L6 AR-1254-4	7.405	6.551	2994344	17992740	1.831	8.288 #
30)	L6 AR-1254-5	7.639	6.642	5844147	32493475	5.103	8.244 #
31)	L7 AR-1260-1	7.288	6.142	9837587	7465750	7.491	2.149 #
32)	L7 AR-1260-2	7.547	6.313	3984231	27249585	2.492	6.413 #
33)	L7 AR-1260-3	7.828	6.482	5459552	8769413	3.167	2.622
34)	L7 AR-1260-4	8.143	6.930	28550036	18646114	23.880	8.933 #
35)	L7 AR-1260-5	8.441	7.186	23022360	1258867	8.518	0.286 #
36)	L8 AR-1262-1	7.182	6.035	20252565	126.1E6	29.037	71.585 #
37)	L8 AR-1262-2	7.947	6.740	8101377	1690443	13.556	1.240 #
38)	L8 AR-1262-3	8.236	7.043	21489557	2379469	43.318	2.042 #
39)	L8 AR-1262-4	8.850	7.430	15471885	5194427	11.096	3.492 #
40)	L8 AR-1262-5	9.501	8.002	1061683	10097998	0.965	9.299 #
41)	L9 AR-1268-1	7.898	6.677	10241739	8532724	14.811	5.557 #

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Acq On : 12 Sep 2018 18:04
Operator : SM\SJ
Sample : J4841-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

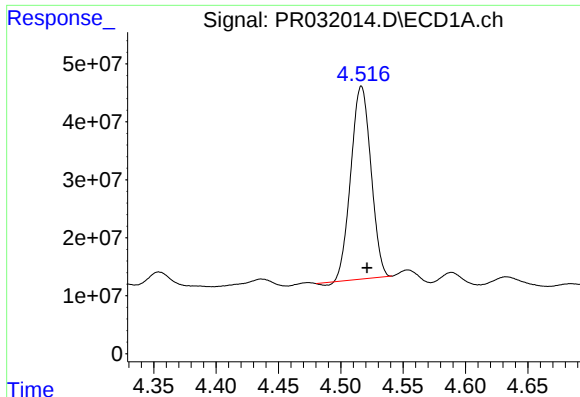
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 05:16:56 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
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QLast Update : Thu Sep 13 01:38:59 2018
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.143	7.485	28550036	18373751	32.452	5.251 #
43)	L9 AR-1268-3	8.770	7.708	2968927	11367584	0.801	4.024 #
44)	L9 AR-1268-4	9.077	7.795	8883757	-1625986	2.905	N.D. #
45)	L9 AR-1268-5	9.921	8.278	17090650	10332342	1.803	1.458

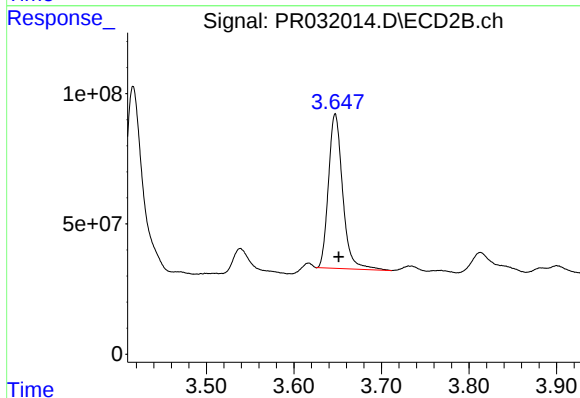
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

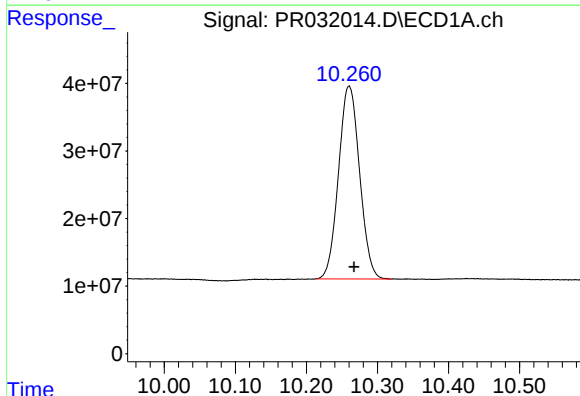
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 371966250
Conc: 17.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



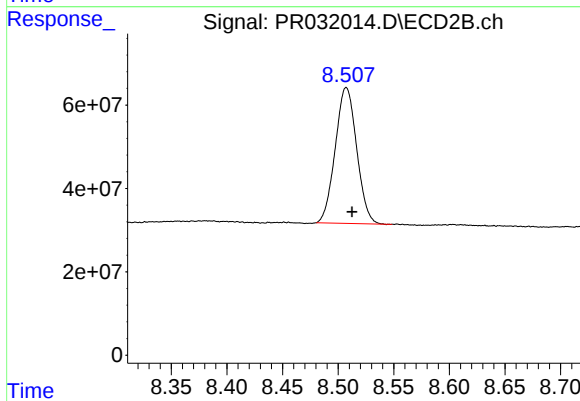
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.004 min
Response: 670052257
Conc: 15.97 ng/ml



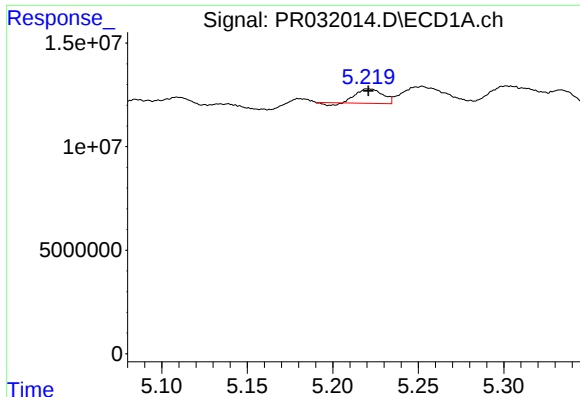
#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: -0.007 min
Response: 587633763
Conc: 23.23 ng/ml



#2 Decachlorobiphenyl

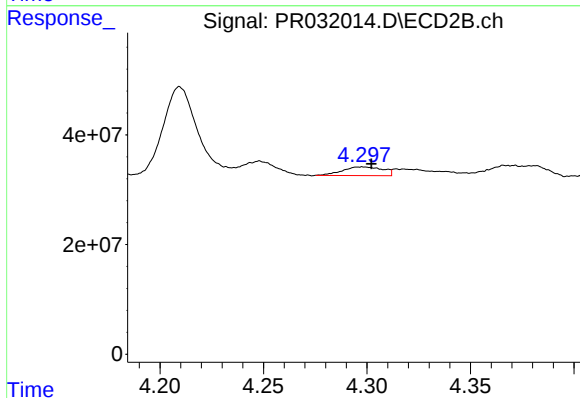
R.T.: 8.507 min
Delta R.T.: -0.005 min
Response: 436966102
Conc: 23.09 ng/ml



#3 AR-1016-1

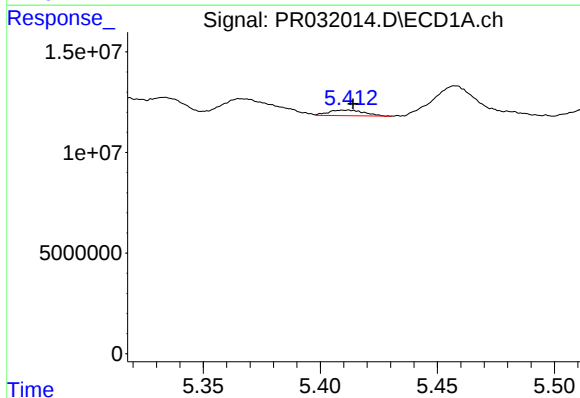
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 6947305
Conc: 12.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



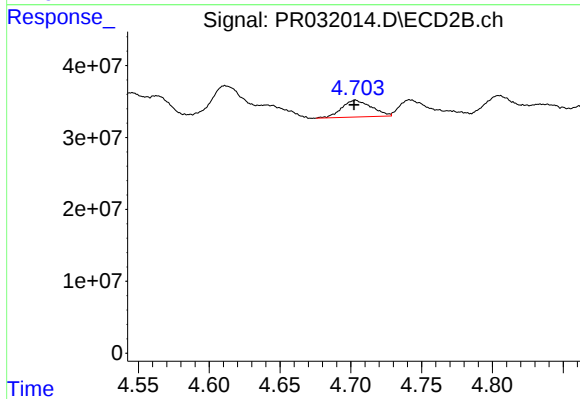
#3 AR-1016-1

R.T.: 4.298 min
Delta R.T.: -0.004 min
Response: 21326152
Conc: 18.15 ng/ml



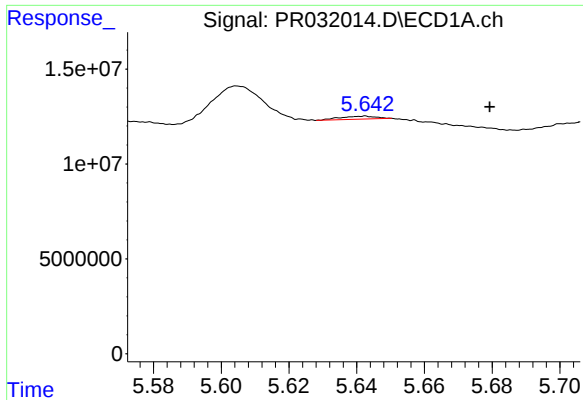
#4 AR-1016-2

R.T.: 5.411 min
Delta R.T.: -0.003 min
Response: 2945132
Conc: 5.04 ng/ml



#4 AR-1016-2

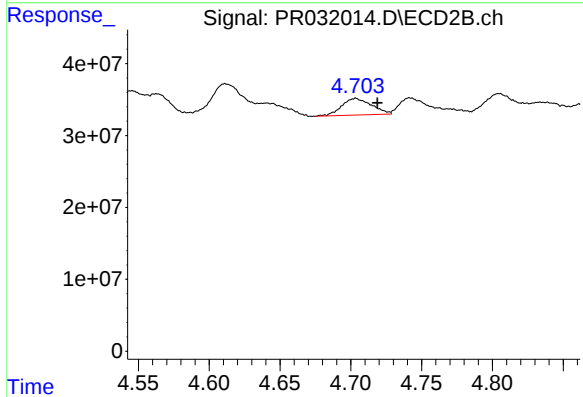
R.T.: 4.704 min
Delta R.T.: 0.001 min
Response: 34103179
Conc: 19.18 ng/ml



#5 AR-1016-3

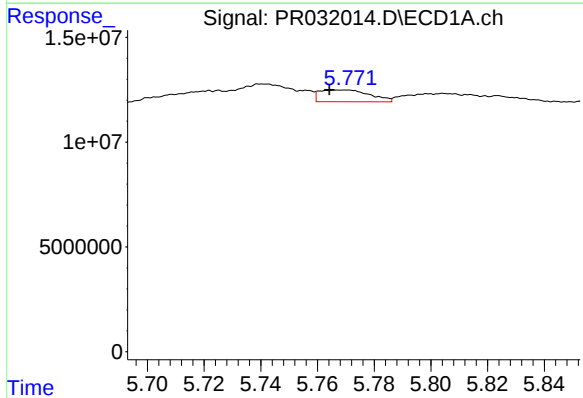
R.T.: 5.642 min
Delta R.T.: -0.037 min
Response: 1173701
Conc: 1.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



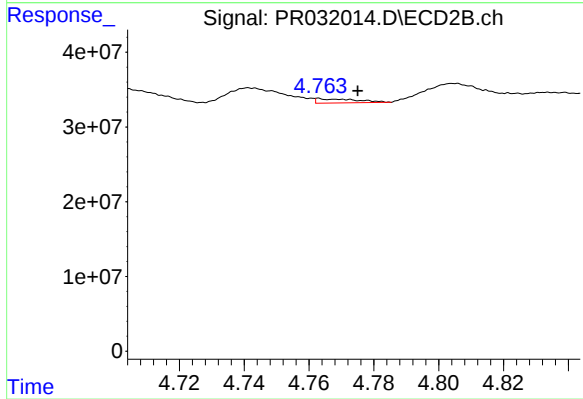
#5 AR-1016-3

R.T.: 4.704 min
Delta R.T.: -0.015 min
Response: 34103179
Conc: 10.74 ng/ml



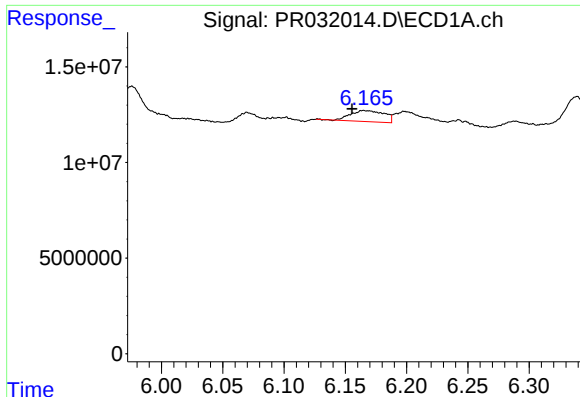
#6 AR-1016-4

R.T.: 5.769 min
Delta R.T.: 0.005 min
Response: 6950887
Conc: 8.98 ng/ml



#6 AR-1016-4

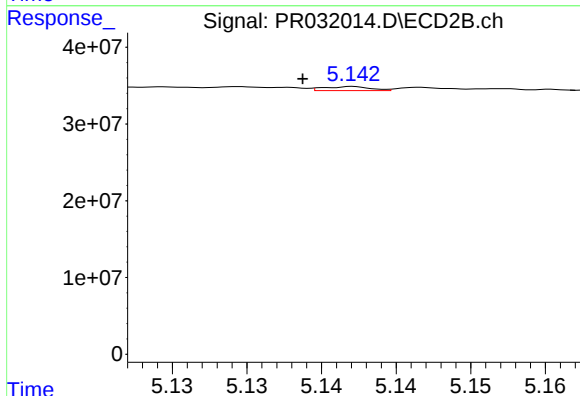
R.T.: 4.762 min
Delta R.T.: -0.013 min
Response: 4822908
Conc: 2.69 ng/ml



#7 AR-1016-5

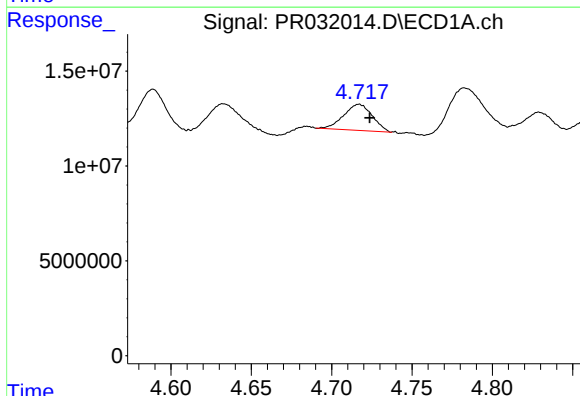
R.T.: 6.165 min
Delta R.T.: 0.009 min
Response: 11041375
Conc: 16.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



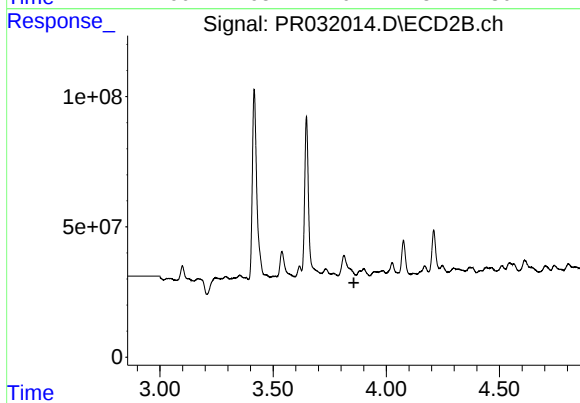
#7 AR-1016-5

R.T.: 5.142 min
Delta R.T.: 0.003 min
Response: 1159327
Conc: 0.68 ng/ml



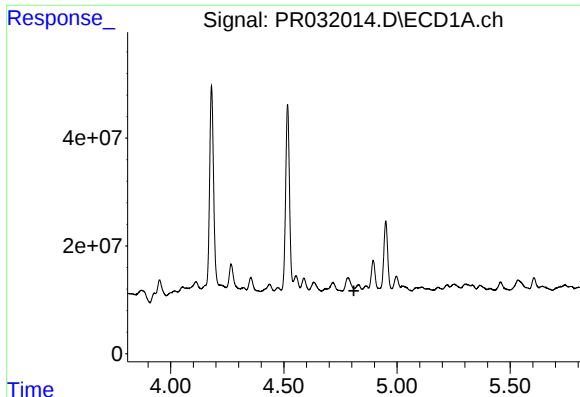
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 17067926
Conc: 69.67 ng/ml



#8 AR-1221-1

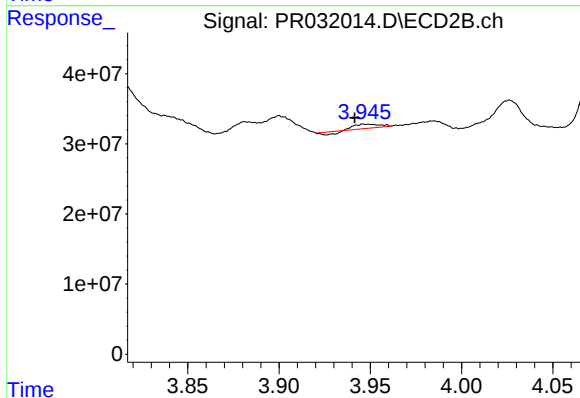
R.T.: 3.881 min
Delta R.T.: 0.024 min
Response: -10136831
Conc: N.D.



#9 AR-1221-2

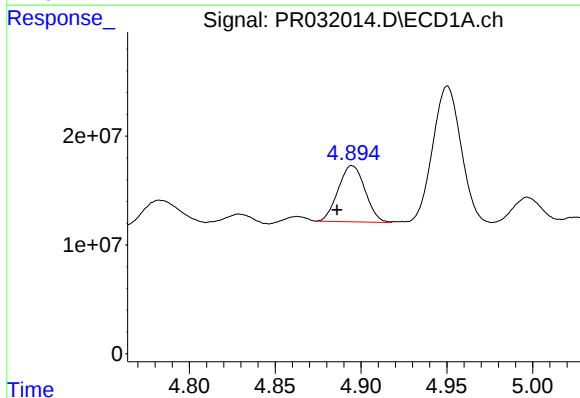
R.T.: 4.829 min
Delta R.T.: 0.019 min
Response: -552307
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



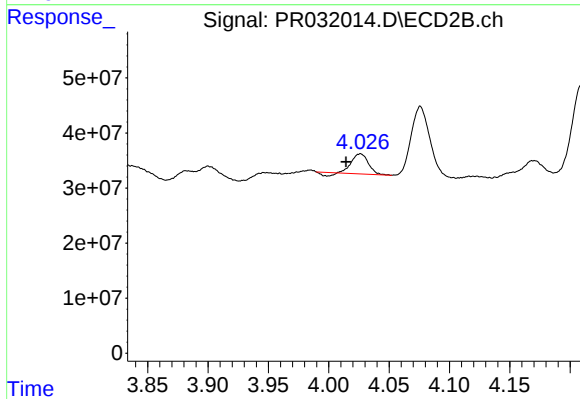
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: 0.005 min
Response: 3431195
Conc: 10.41 ng/ml



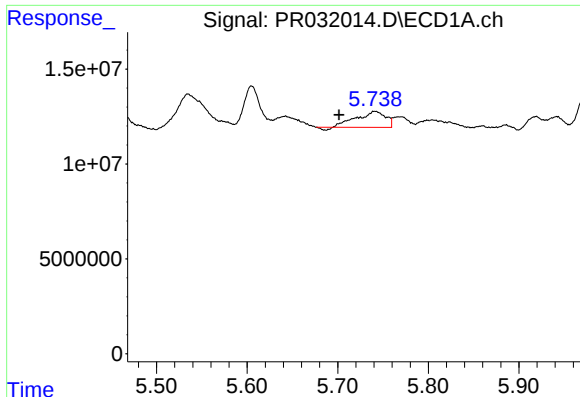
#10 AR-1221-3

R.T.: 4.895 min
Delta R.T.: 0.009 min
Response: 56093052
Conc: 97.47 ng/ml



#10 AR-1221-3

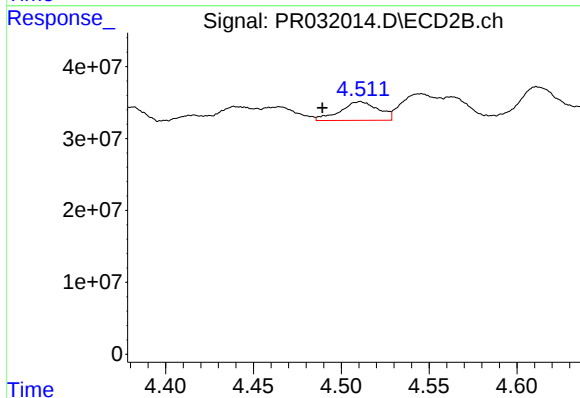
R.T.: 4.026 min
Delta R.T.: 0.012 min
Response: 33120773
Conc: 30.21 ng/ml



#11 AR-1232-1

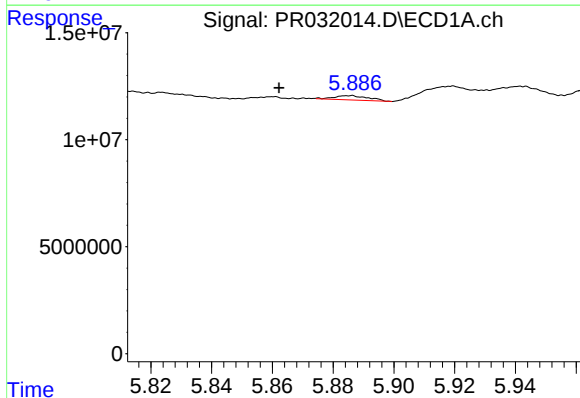
R.T.: 5.741 min
Delta R.T.: 0.039 min
Response: 18596276
Conc: 35.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



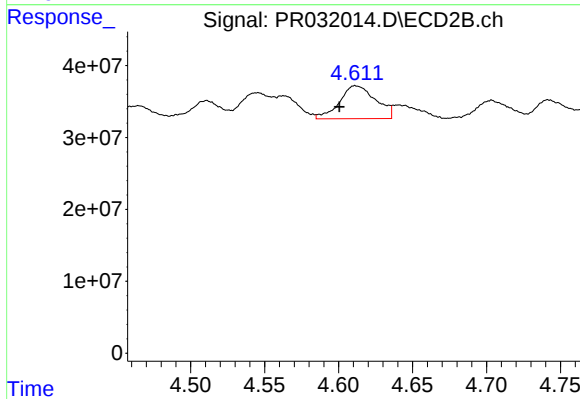
#11 AR-1232-1

R.T.: 4.511 min
Delta R.T.: 0.022 min
Response: 39175005
Conc: 68.31 ng/ml



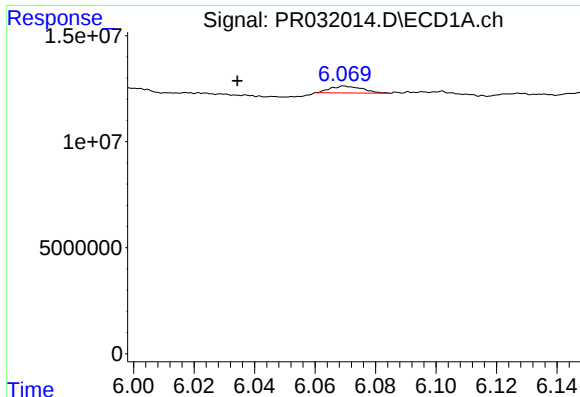
#12 AR-1232-2

R.T.: 5.885 min
Delta R.T.: 0.023 min
Response: 1580717
Conc: 5.93 ng/ml



#12 AR-1232-2

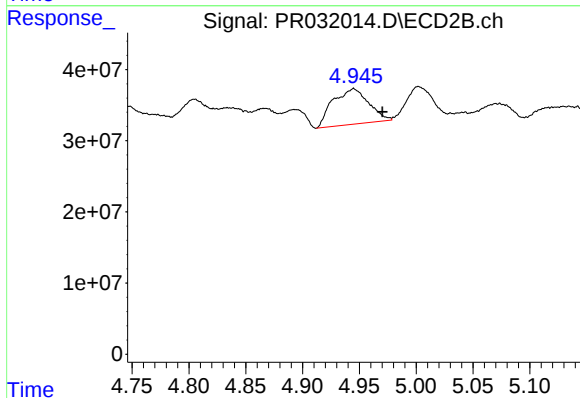
R.T.: 4.611 min
Delta R.T.: 0.011 min
Response: 77904996
Conc: 399.81 ng/ml



#13 AR-1232-3

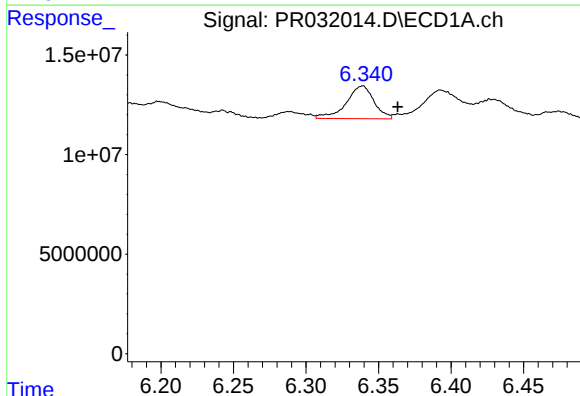
R.T.: 6.070 min
Delta R.T.: 0.036 min
Response: 2404603
Conc: 34.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



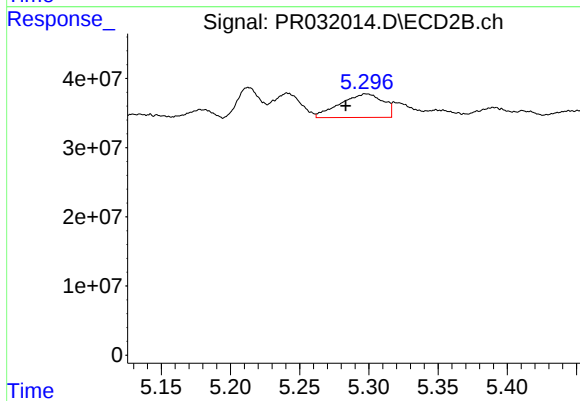
#13 AR-1232-3

R.T.: 4.945 min
Delta R.T.: -0.025 min
Response: 109796725
Conc: 191.74 ng/ml



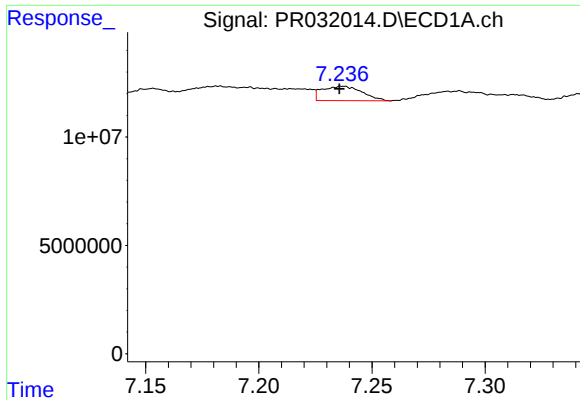
#14 AR-1232-4

R.T.: 6.339 min
Delta R.T.: -0.024 min
Response: 21957945
Conc: 311.95 ng/ml



#14 AR-1232-4

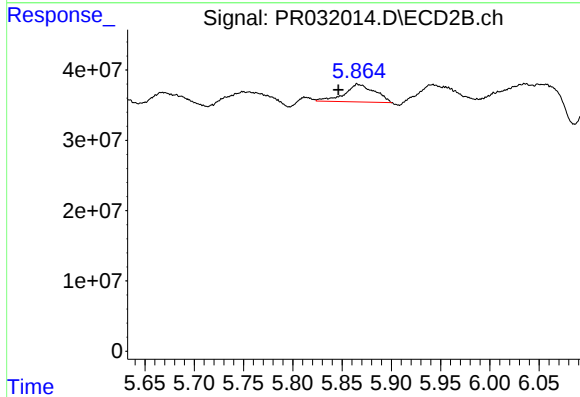
R.T.: 5.297 min
Delta R.T.: 0.014 min
Response: 73733633
Conc: 99.25 ng/ml



#15 AR-1232-5

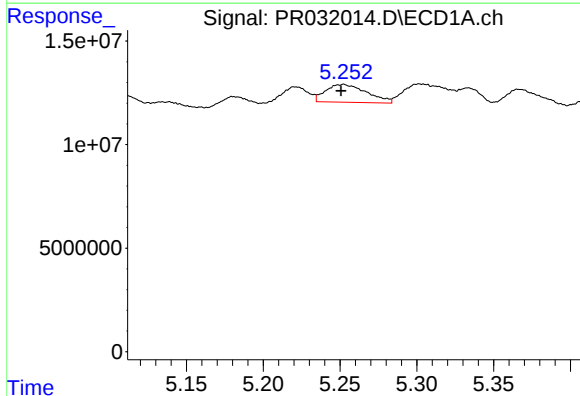
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 8152281
Conc: 166.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



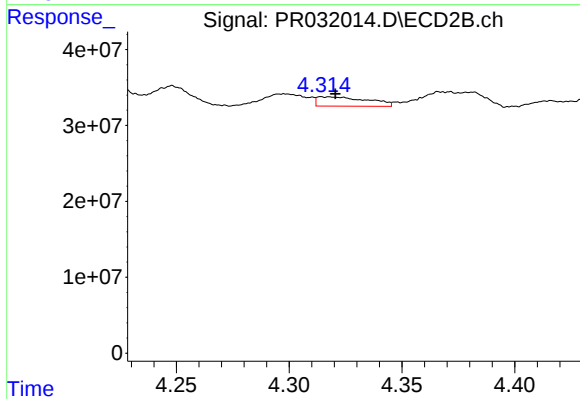
#15 AR-1232-5

R.T.: 5.865 min
Delta R.T.: 0.019 min
Response: 53718917
Conc: 567.26 ng/ml



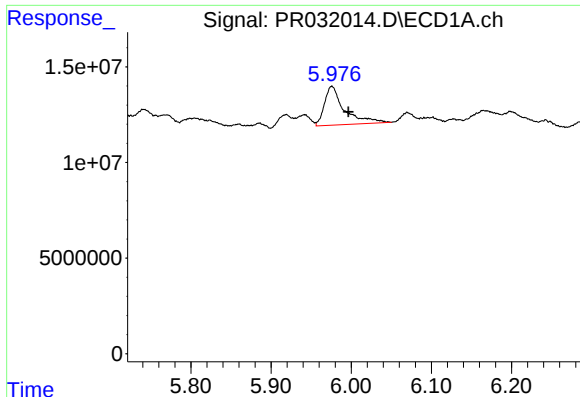
#16 AR-1242-1

R.T.: 5.252 min
Delta R.T.: 0.001 min
Response: 16021257
Conc: 60.69 ng/ml



#16 AR-1242-1

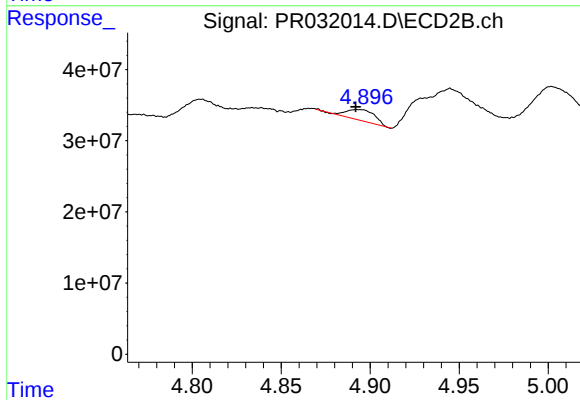
R.T.: 4.314 min
Delta R.T.: -0.006 min
Response: 19131609
Conc: 32.29 ng/ml



#17 AR-1242-2

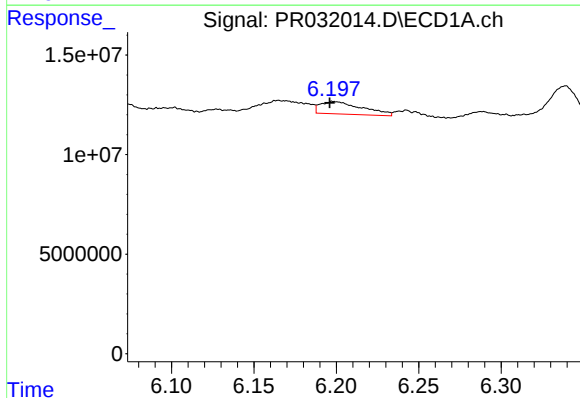
R.T.: 5.976 min
Delta R.T.: -0.020 min
Response: 34939783
Conc: 73.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



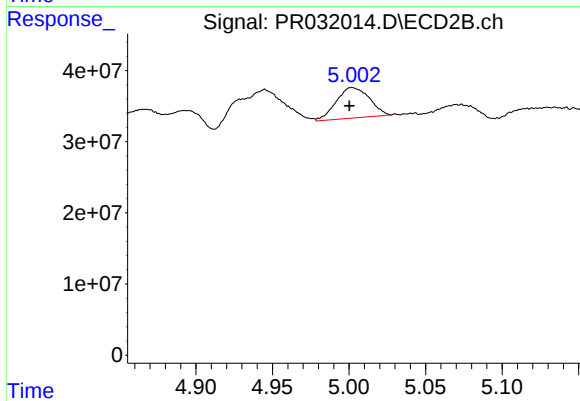
#17 AR-1242-2

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 17678892
Conc: 14.39 ng/ml



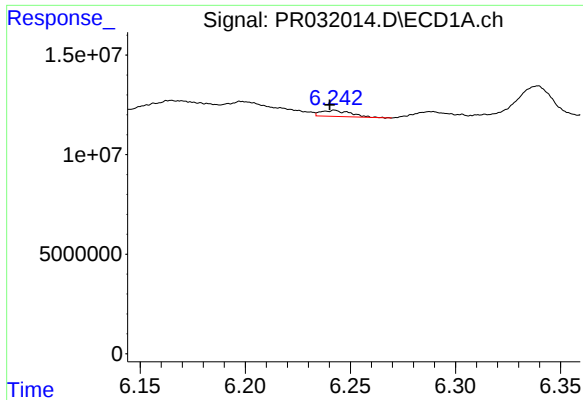
#18 AR-1242-3

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 11080774
Conc: 47.81 ng/ml



#18 AR-1242-3

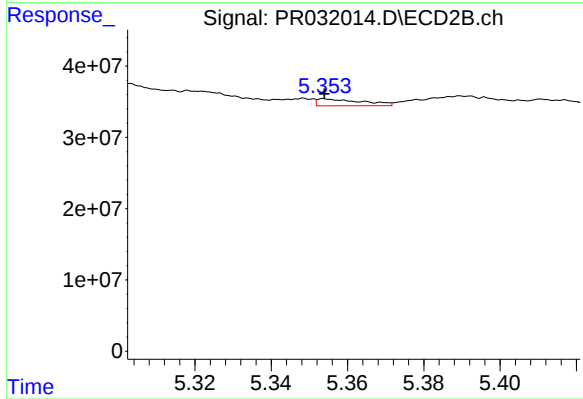
R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 64688096
Conc: 154.64 ng/ml



#19 AR-1242-4

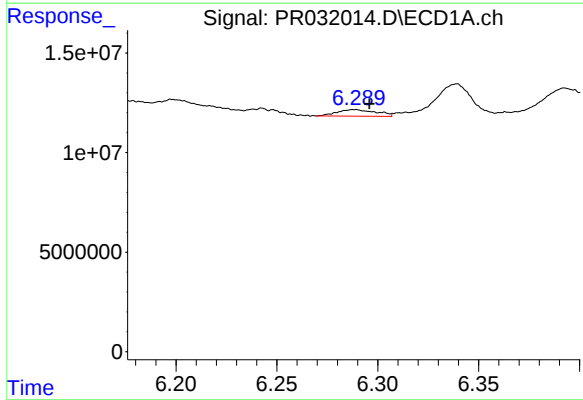
R.T.: 6.242 min
Delta R.T.: 0.002 min
Response: 3008272
Conc: 17.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



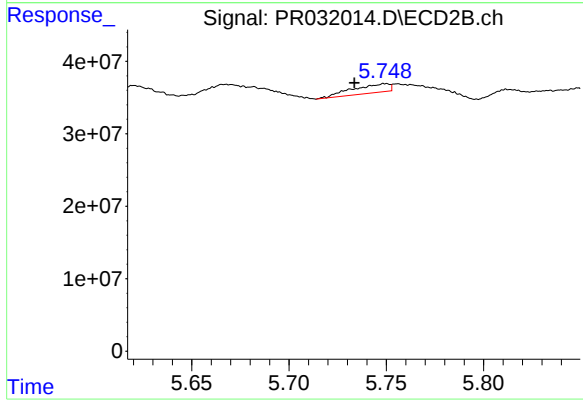
#19 AR-1242-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 8049931
Conc: 20.52 ng/ml



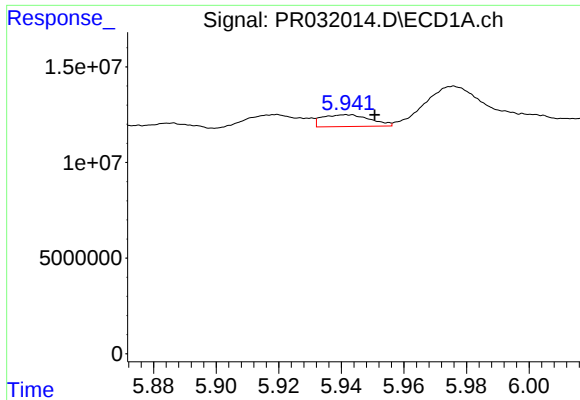
#20 AR-1242-5

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 4399442
Conc: 7.37 ng/ml



#20 AR-1242-5

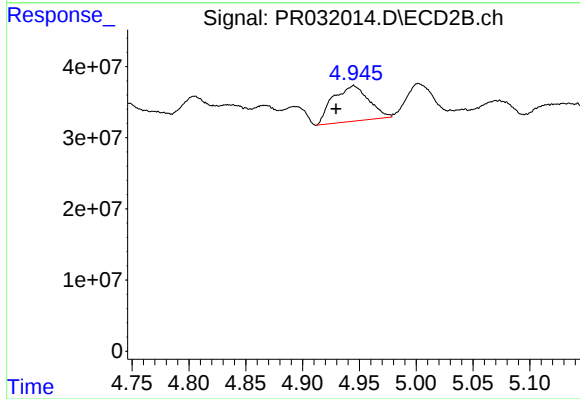
R.T.: 5.749 min
Delta R.T.: 0.015 min
Response: 15904050
Conc: 18.22 ng/ml



#21 AR-1248-1

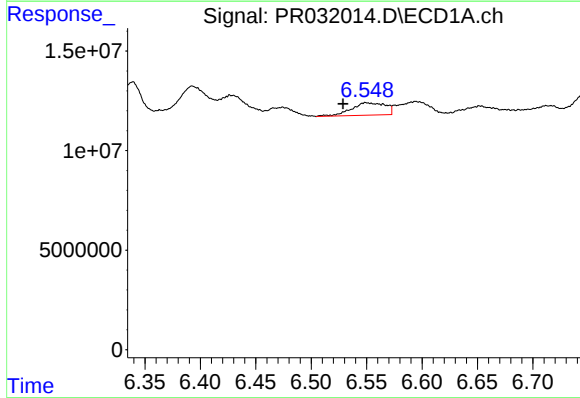
R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 6597950
Conc: 8.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



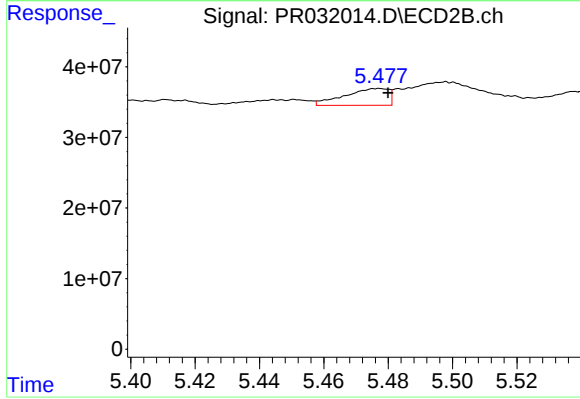
#21 AR-1248-1

R.T.: 4.945 min
Delta R.T.: 0.016 min
Response: 109796725
Conc: 64.27 ng/ml



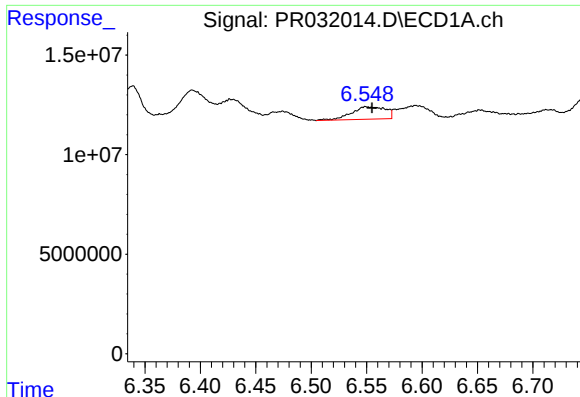
#22 AR-1248-2

R.T.: 6.549 min
Delta R.T.: 0.021 min
Response: 13411929
Conc: 16.78 ng/ml



#22 AR-1248-2

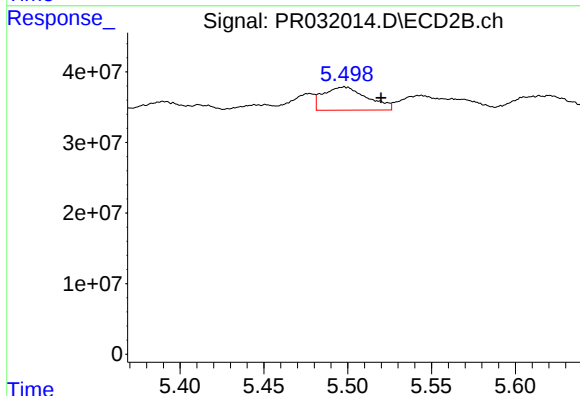
R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 22655840
Conc: 6.55 ng/ml



#23 AR-1248-3

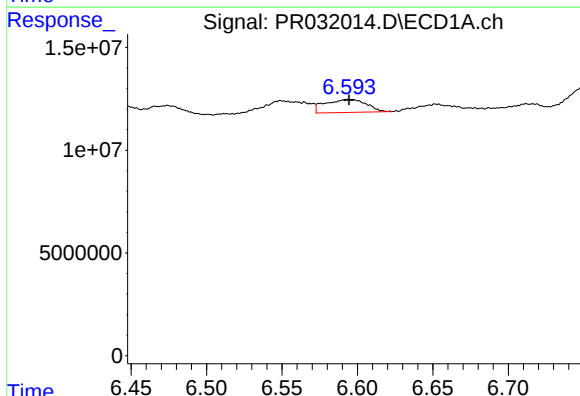
R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 13411929
Conc: 12.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



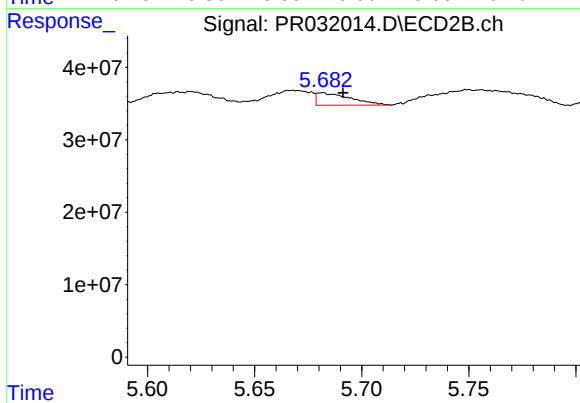
#23 AR-1248-3

R.T.: 5.498 min
Delta R.T.: -0.022 min
Response: 60065924
Conc: 24.34 ng/ml



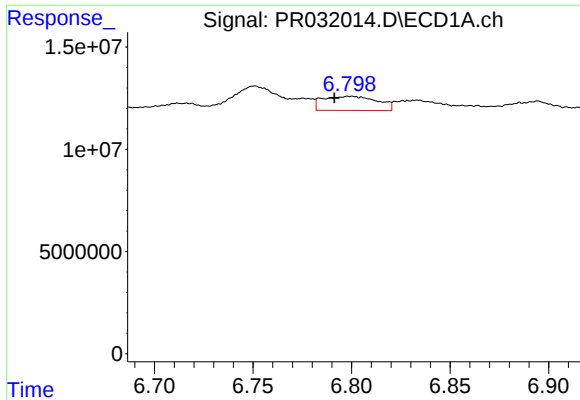
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 11996558
Conc: 11.84 ng/ml



#24 AR-1248-4

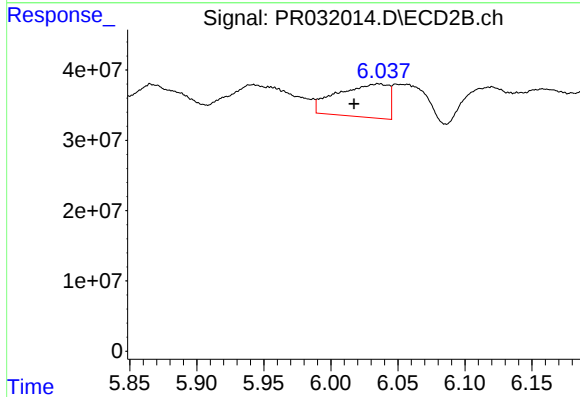
R.T.: 5.682 min
Delta R.T.: -0.009 min
Response: 18919568
Conc: 7.65 ng/ml



#25 AR-1248-5

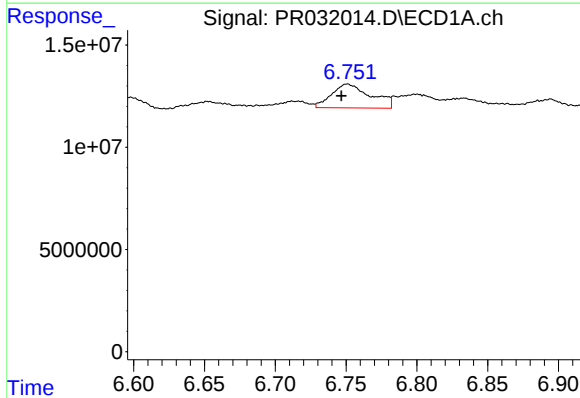
R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 13266397
Conc: 19.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



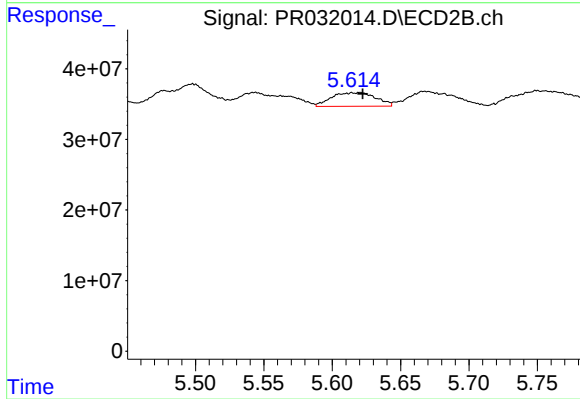
#25 AR-1248-5

R.T.: 6.035 min
Delta R.T.: 0.018 min
Response: 126127446
Conc: 79.02 ng/ml



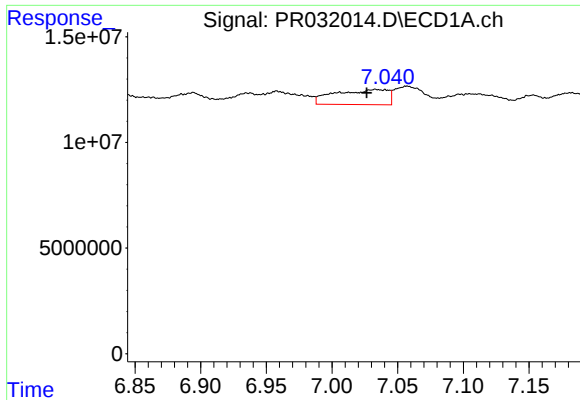
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: 0.004 min
Response: 22440104
Conc: 11.92 ng/ml



#26 AR-1254-1

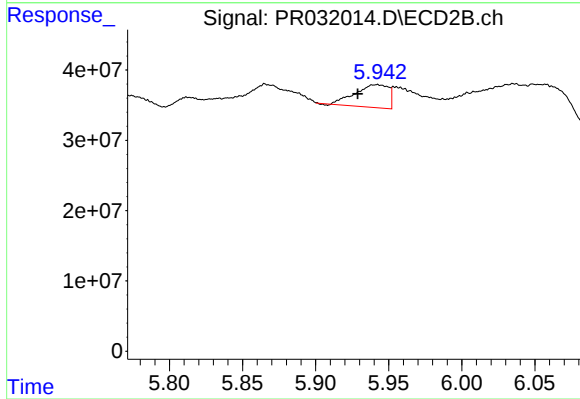
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 43474800
Conc: 11.56 ng/ml



#27 AR-1254-2

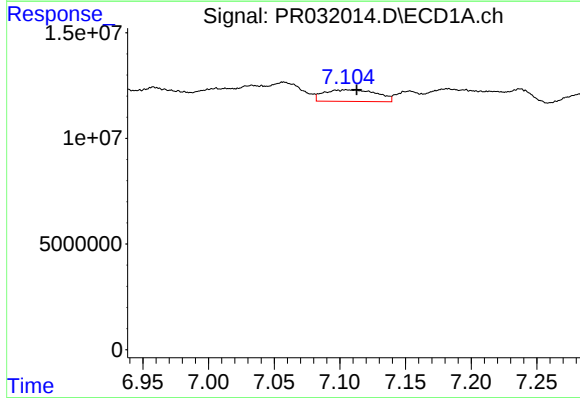
R.T.: 7.033 min
Delta R.T.: 0.007 min
Response: 20050414
Conc: 17.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



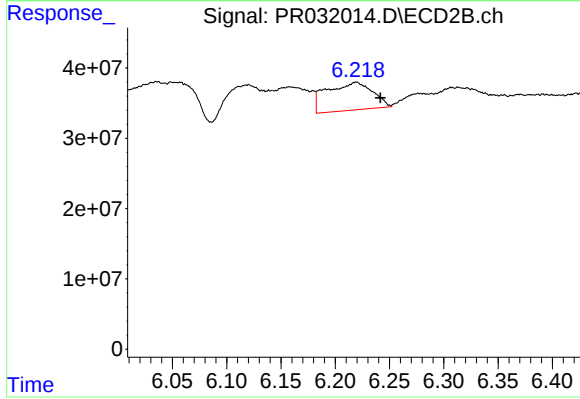
#27 AR-1254-2

R.T.: 5.942 min
Delta R.T.: 0.014 min
Response: 51717559
Conc: 17.98 ng/ml



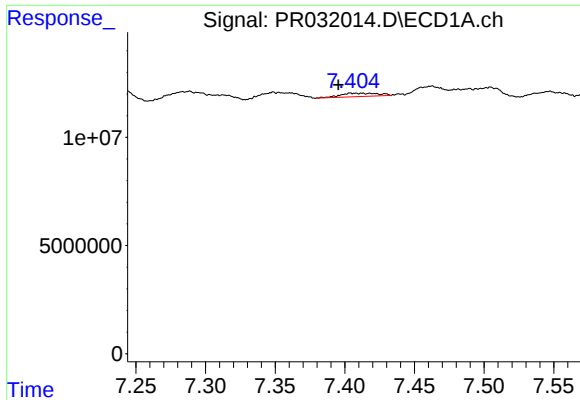
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.008 min
Response: 15414057
Conc: 7.40 ng/ml



#28 AR-1254-3

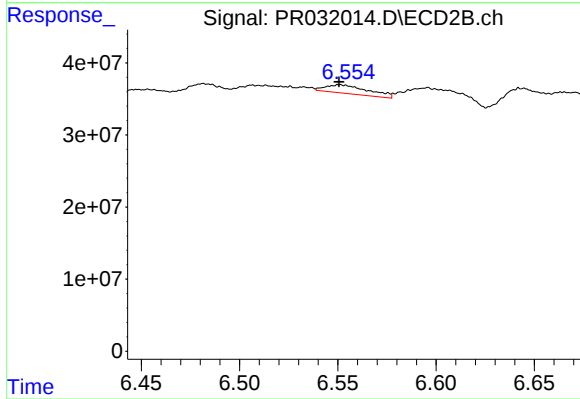
R.T.: 6.220 min
Delta R.T.: -0.022 min
Response: 116341436
Conc: 25.80 ng/ml



#29 AR-1254-4

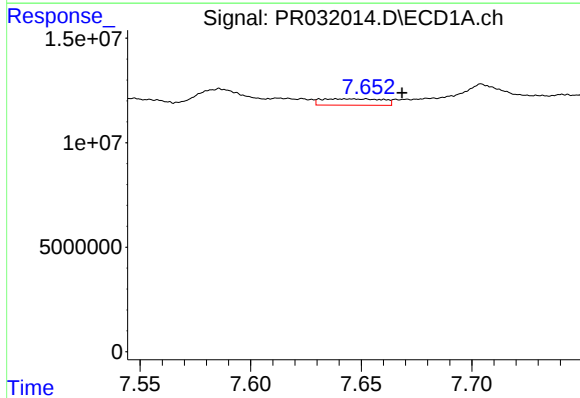
R.T.: 7.405 min
Delta R.T.: 0.009 min
Response: 2994344
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



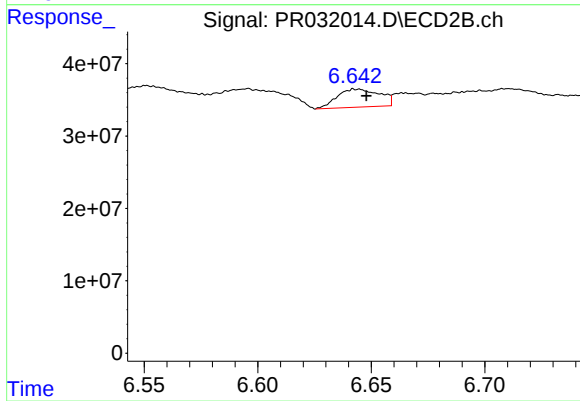
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 17992740
Conc: 8.29 ng/ml



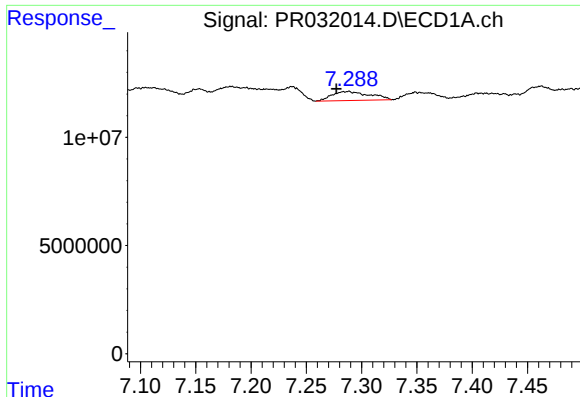
#30 AR-1254-5

R.T.: 7.639 min
Delta R.T.: -0.030 min
Response: 5844147
Conc: 5.10 ng/ml



#30 AR-1254-5

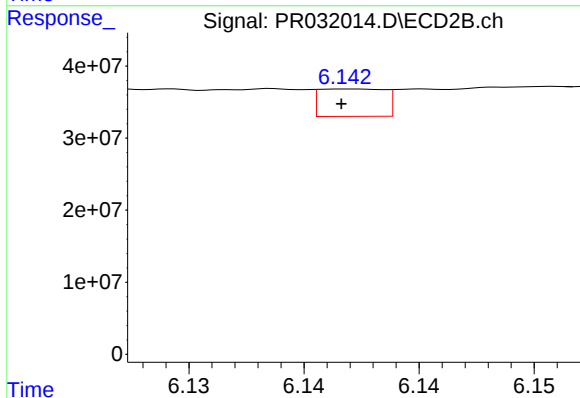
R.T.: 6.642 min
Delta R.T.: -0.006 min
Response: 32493475
Conc: 8.24 ng/ml



#31 AR-1260-1

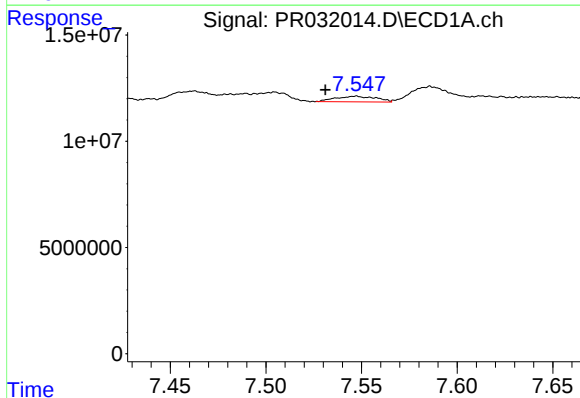
R.T.: 7.288 min
Delta R.T.: 0.011 min
Response: 9837587
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



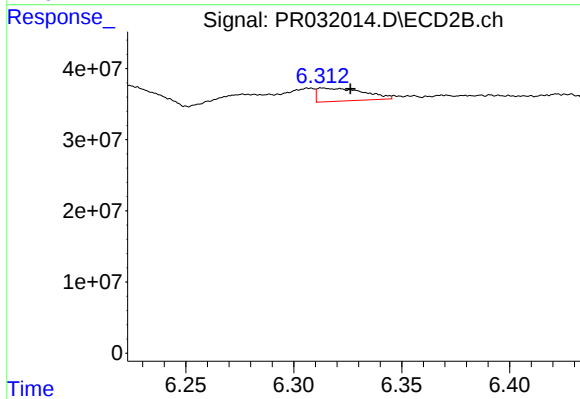
#31 AR-1260-1

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 7465750
Conc: 2.15 ng/ml



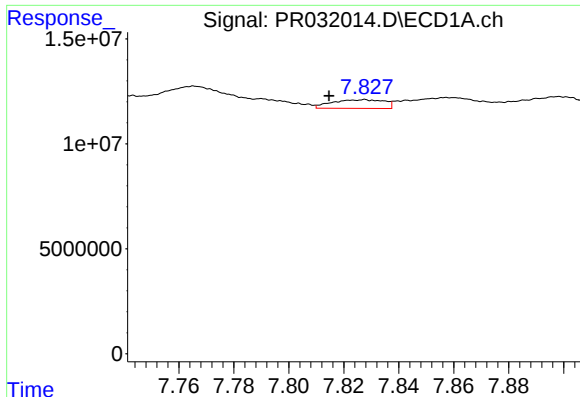
#32 AR-1260-2

R.T.: 7.547 min
Delta R.T.: 0.016 min
Response: 3984231
Conc: 2.49 ng/ml



#32 AR-1260-2

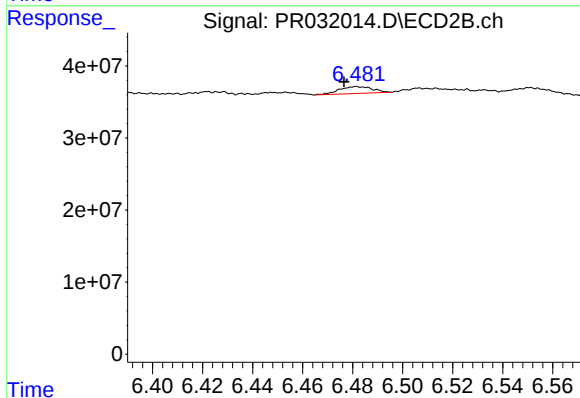
R.T.: 6.313 min
Delta R.T.: -0.013 min
Response: 27249585
Conc: 6.41 ng/ml



#33 AR-1260-3

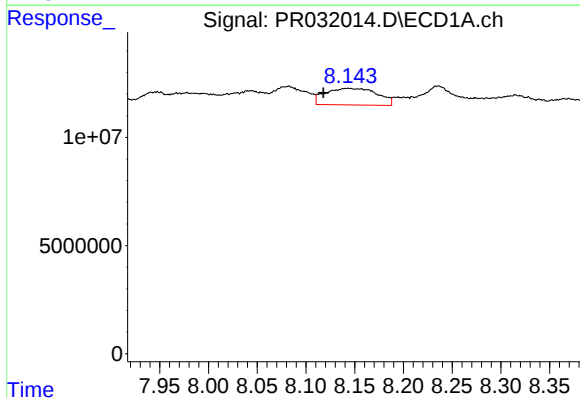
R.T.: 7.828 min
Delta R.T.: 0.013 min
Response: 5459552
Conc: 3.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



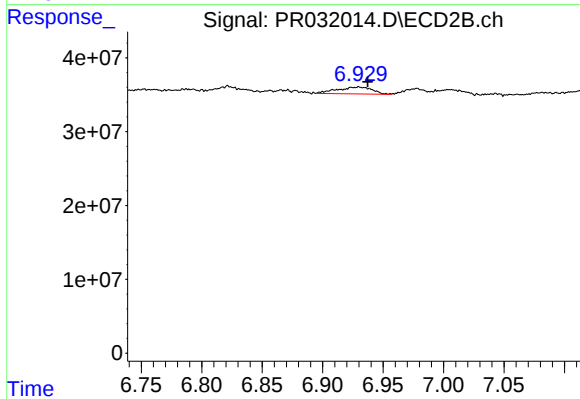
#33 AR-1260-3

R.T.: 6.482 min
Delta R.T.: 0.005 min
Response: 8769413
Conc: 2.62 ng/ml



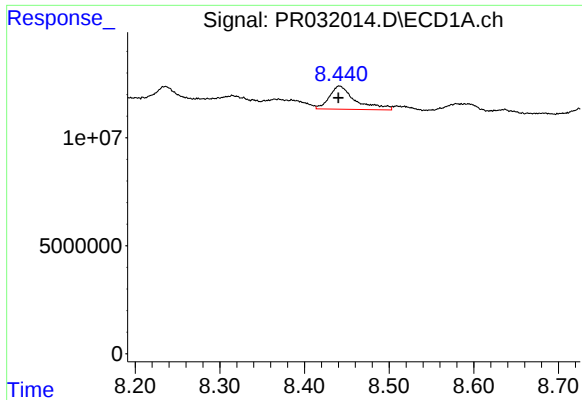
#34 AR-1260-4

R.T.: 8.143 min
Delta R.T.: 0.025 min
Response: 28550036
Conc: 23.88 ng/ml



#34 AR-1260-4

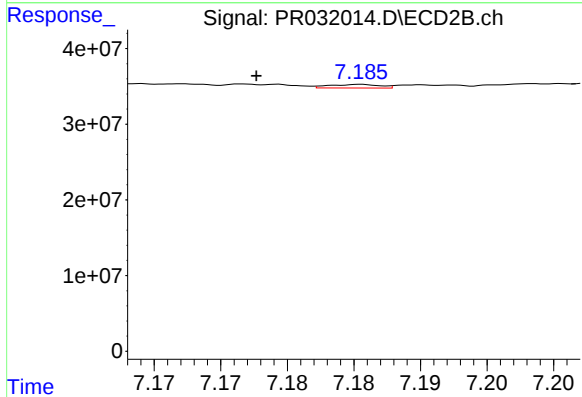
R.T.: 6.930 min
Delta R.T.: -0.007 min
Response: 18646114
Conc: 8.93 ng/ml



#35 AR-1260-5

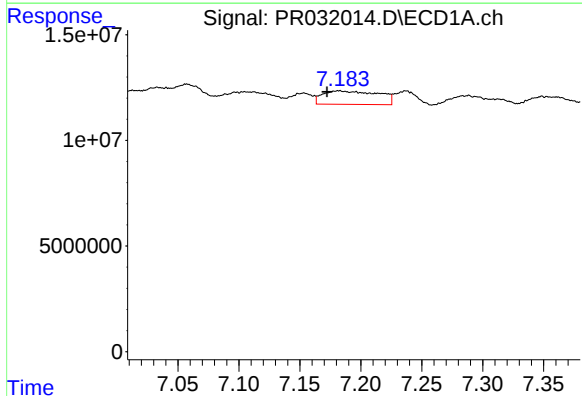
R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 23022360
Conc: 8.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



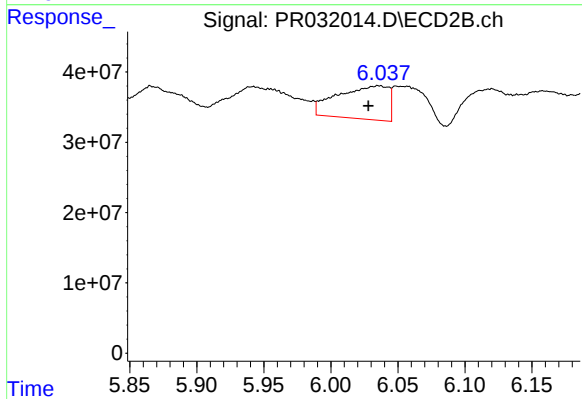
#35 AR-1260-5

R.T.: 7.186 min
Delta R.T.: 0.008 min
Response: 1258867
Conc: 0.29 ng/ml



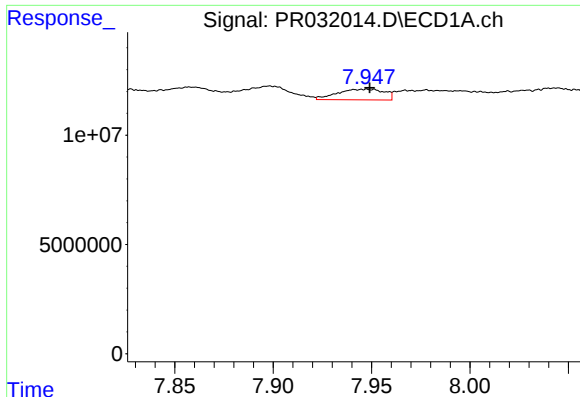
#36 AR-1262-1

R.T.: 7.182 min
Delta R.T.: 0.010 min
Response: 20252565
Conc: 29.04 ng/ml



#36 AR-1262-1

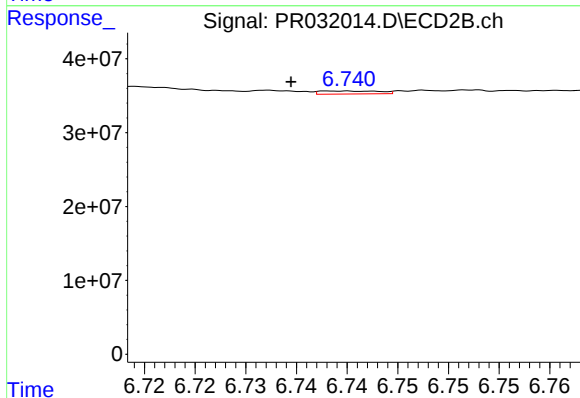
R.T.: 6.035 min
Delta R.T.: 0.007 min
Response: 126127446
Conc: 71.58 ng/ml



#37 AR-1262-2

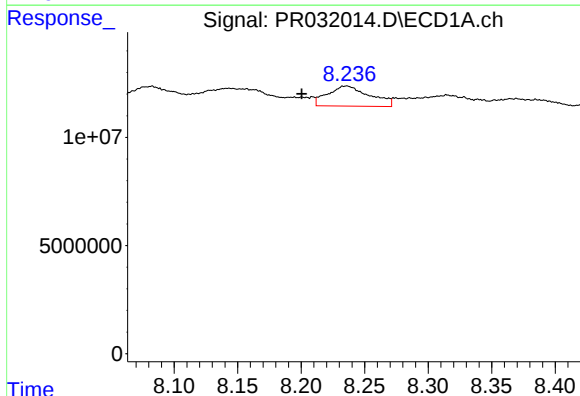
R.T.: 7.947 min
Delta R.T.: -0.002 min
Response: 8101377
Conc: 13.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



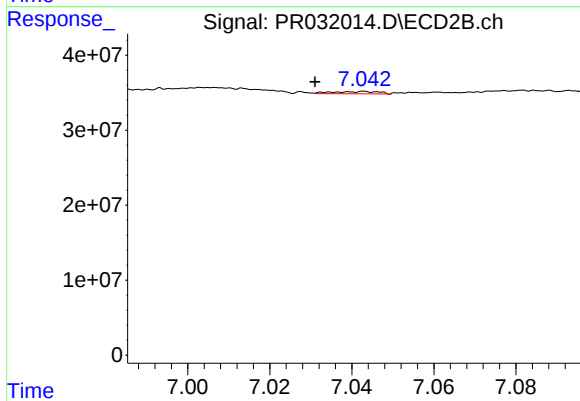
#37 AR-1262-2

R.T.: 6.740 min
Delta R.T.: 0.005 min
Response: 1690443
Conc: 1.24 ng/ml



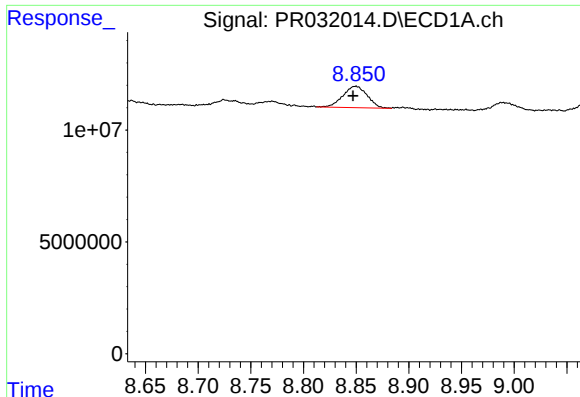
#38 AR-1262-3

R.T.: 8.236 min
Delta R.T.: 0.035 min
Response: 21489557
Conc: 43.32 ng/ml



#38 AR-1262-3

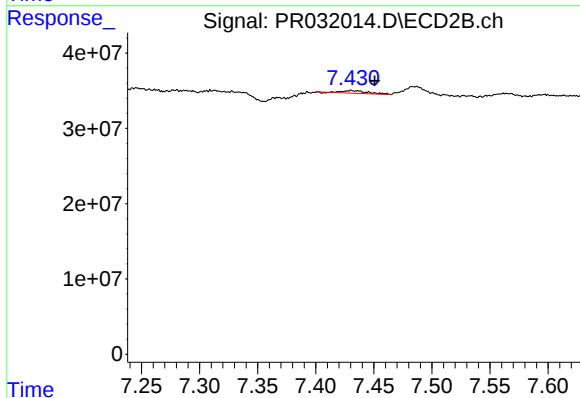
R.T.: 7.043 min
Delta R.T.: 0.012 min
Response: 2379469
Conc: 2.04 ng/ml



#39 AR-1262-4

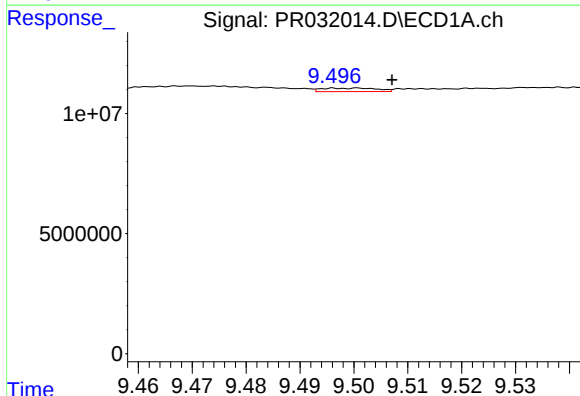
R.T.: 8.850 min
Delta R.T.: 0.003 min
Response: 15471885
Conc: 11.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



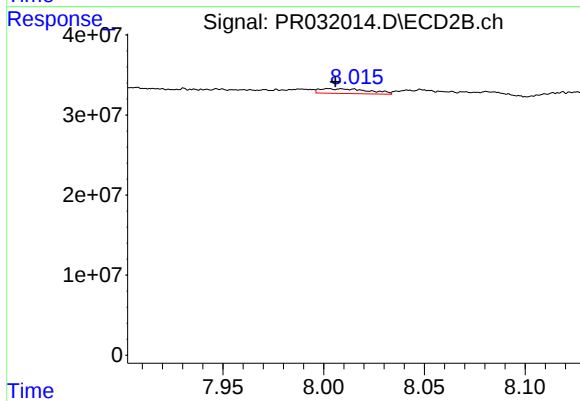
#39 AR-1262-4

R.T.: 7.430 min
Delta R.T.: -0.020 min
Response: 5194427
Conc: 3.49 ng/ml



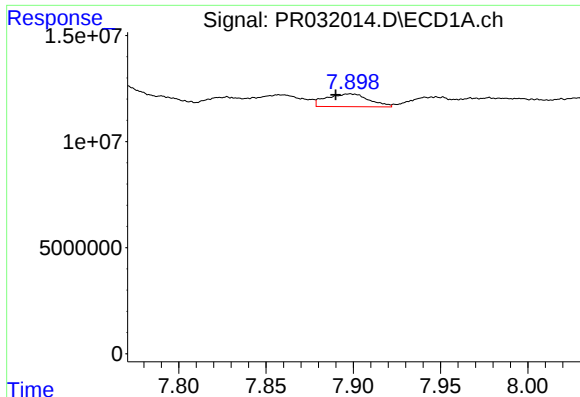
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: -0.006 min
Response: 1061683
Conc: 0.96 ng/ml



#40 AR-1262-5

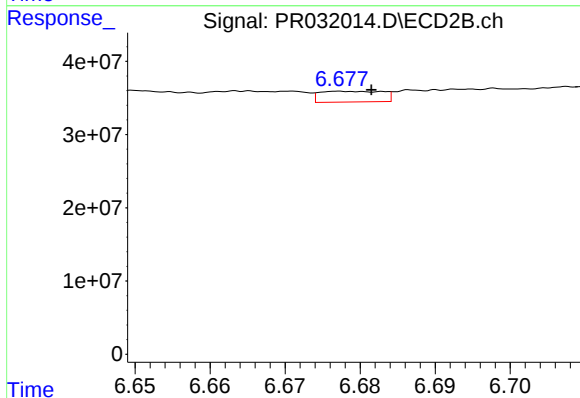
R.T.: 8.002 min
Delta R.T.: -0.003 min
Response: 10097998
Conc: 9.30 ng/ml



#41 AR-1268-1

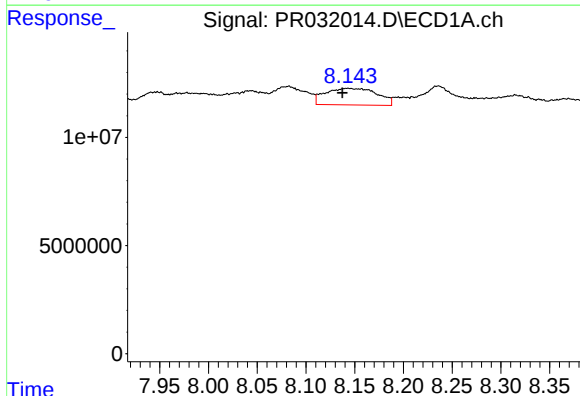
R.T.: 7.898 min
Delta R.T.: 0.008 min
Response: 10241739
Conc: 14.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



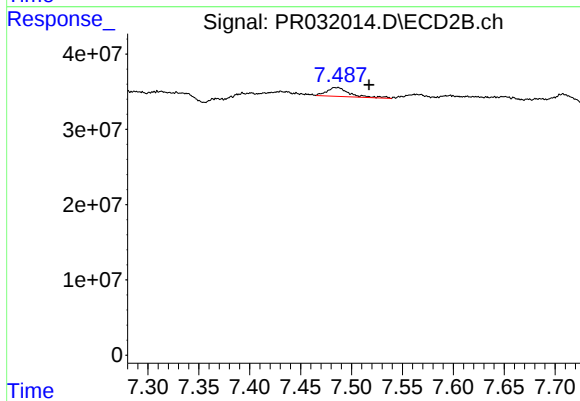
#41 AR-1268-1

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 8532724
Conc: 5.56 ng/ml



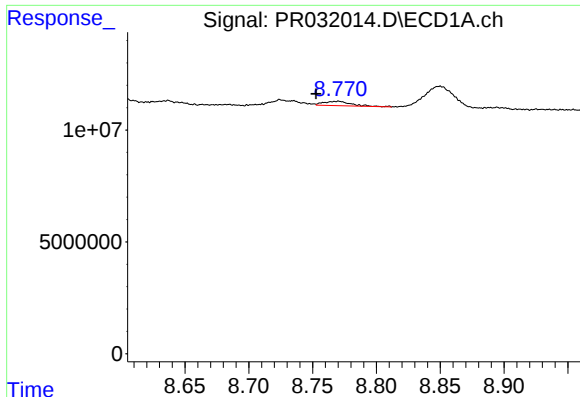
#42 AR-1268-2

R.T.: 8.143 min
Delta R.T.: 0.005 min
Response: 28550036
Conc: 32.45 ng/ml



#42 AR-1268-2

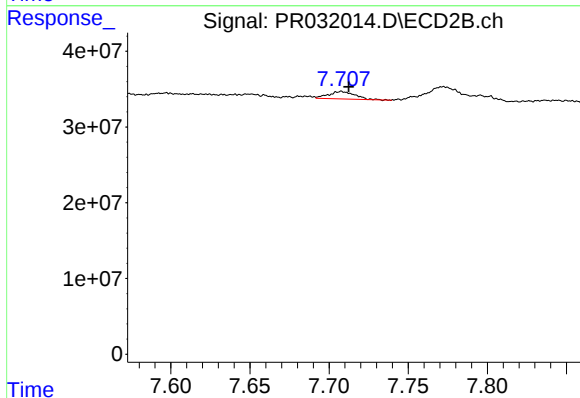
R.T.: 7.485 min
Delta R.T.: -0.032 min
Response: 18373751
Conc: 5.25 ng/ml



#43 AR-1268-3

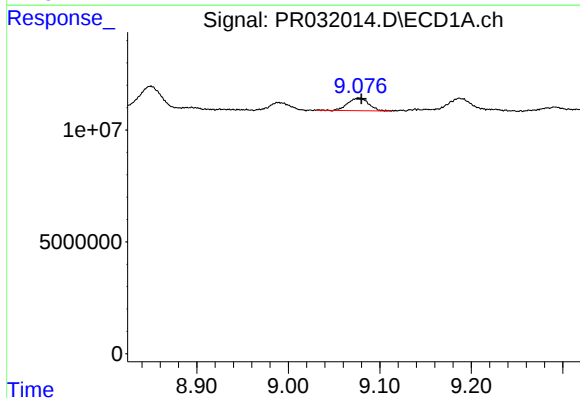
R.T.: 8.770 min
Delta R.T.: 0.018 min
Response: 2968927
Conc: 0.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



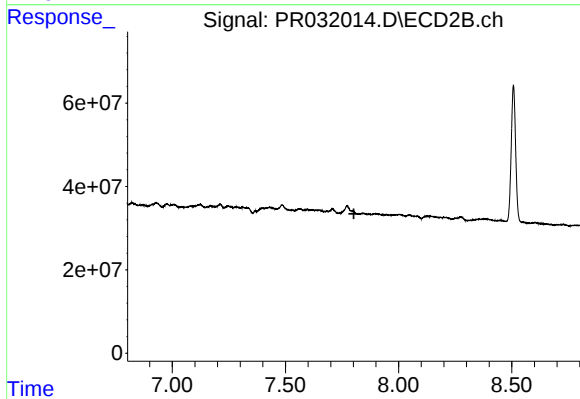
#43 AR-1268-3

R.T.: 7.708 min
Delta R.T.: -0.005 min
Response: 11367584
Conc: 4.02 ng/ml



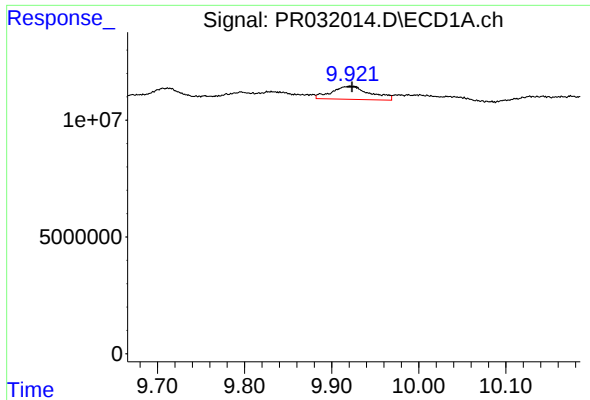
#44 AR-1268-4

R.T.: 9.077 min
Delta R.T.: -0.003 min
Response: 8883757
Conc: 2.90 ng/ml



#44 AR-1268-4

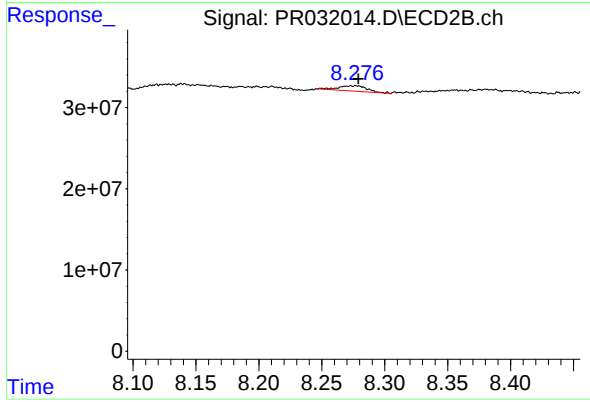
R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: -1625986
Conc: N.D.



#45 AR-1268-5

R.T.: 9.921 min
Delta R.T.: -0.002 min
Response: 17090650
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 10332342
Conc: 1.46 ng/ml