

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082118\
 Data File : PR031517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 12:55
 Operator : SM\SJ
 Sample : J4540-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 23:00:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 07:29:33 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...	4.556	3.684	122.8E6	208.3E6	12.098	12.001
2)	SA Decachlor...	10.327	8.556	491.5E6	326.9E6	16.093	15.628
Target Compounds							
3)	L1 AR-1016-1	4.928	0.000	38131538	0	186.807	N.D. #
4)	L1 AR-1016-2	5.460	0.000	7192281	0	22.276	N.D. #
5)	L1 AR-1016-3	5.761	0.000	36367740	0	47.631	N.D. #
6)	L1 AR-1016-4	5.806	4.848	23334243	63082365	48.914	62.195 #
7)	L1 AR-1016-5	6.334	4.982	17289633	61863905	36.954	92.433 #
8)	L2 AR-1221-1	4.755	3.872	19515300	23553513	213.874	147.935 #
9)	L2 AR-1221-2	4.828	0.000	17253291	0	238.628	N.D. #
10)	L2 AR-1221-3	4.928	4.064	38131538	35730074	166.475	83.601 #
11)	L3 AR-1232-1	5.261	4.404	16164935	13620855	146.912	99.435 #
12)	L3 AR-1232-2	5.460	0.000	7192281	0	60.073	N.D. #
13)	L3 AR-1232-3	5.761	4.848	36367740	63082365	131.262	165.611 #
14)	L3 AR-1232-4	5.806	4.982	23334243	61863905	131.169	224.139 #
15)	L3 AR-1232-5	6.210	5.335	48746895	74390334	341.418	197.839 #
16)	L4 AR-1242-1	5.460	4.545	7192281	42927488	40.600	121.157 #
17)	L4 AR-1242-2	5.680	0.000	21553660	0	75.058	N.D. #
18)	L4 AR-1242-3	5.761	4.982	36367740	61863905	89.797	141.523 #
19)	L4 AR-1242-4	6.210	4.982	48746895	61863905	204.751	168.470
20)	L4 AR-1242-5	6.334	5.178	17289633	62954340	64.394	119.422 #
21)	L5 AR-1248-1	6.210	4.982	48746895	61863905	117.039	93.530
22)	L5 AR-1248-2	6.334	4.982	17289633	61863905	48.729	89.488 #
23)	L5 AR-1248-3	6.598	5.178	19938619	62954340	36.146	70.403 #
24)	L5 AR-1248-4	6.635	5.514	37685608	30091092	71.508	20.392 #
25)	L5 AR-1248-5	6.793	5.537	24084432	56425652	42.663	53.445 #
26)	L6 AR-1254-1	5.979	4.982	16257567	61863905	53.166	97.791 #
27)	L6 AR-1254-2	6.793	5.644	24084432	10601593	21.953	5.821 #
28)	L6 AR-1254-3	7.155	6.064	14013863	167.2E6	10.663	53.885 #
29)	L6 AR-1254-4	7.447	6.258	42966112	130.1E6	38.482	52.779 #
30)	L6 AR-1254-5	7.866	6.753	37879570	113.1E6	32.420	47.227 #
31)	L7 AR-1260-1	7.278	6.192	6059192	125.7E6	5.621	54.565 #
32)	L7 AR-1260-2	7.583	6.368	33105454	80342670	22.421	27.679
33)	L7 AR-1260-3	7.866	6.753	37879570	113.1E6	21.985	53.412 #
34)	L7 AR-1260-4	8.482	7.284	17778935	22807353	5.659	6.762
35)	L7 AR-1260-5	8.813	7.527	12870155	103.9E6	6.332	51.064 #
36)	L8 AR-1262-1	7.278	6.192	6059192	125.7E6	6.518	63.451 #
37)	L8 AR-1262-2	7.583	6.368	33105454	80342670	26.817	33.569 #
38)	L8 AR-1262-3	7.927	6.753	24972973	113.1E6	13.165	38.895 #
39)	L8 AR-1262-4	8.121	0.000	11858109	0	7.256	N.D. #
40)	L8 AR-1262-5	8.482	7.284	17778935	22807353	4.724	6.278 #
41)	L9 AR-1268-1	8.813	7.527	12870155	103.9E6	3.259	34.787 #

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 Sample : J4540-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

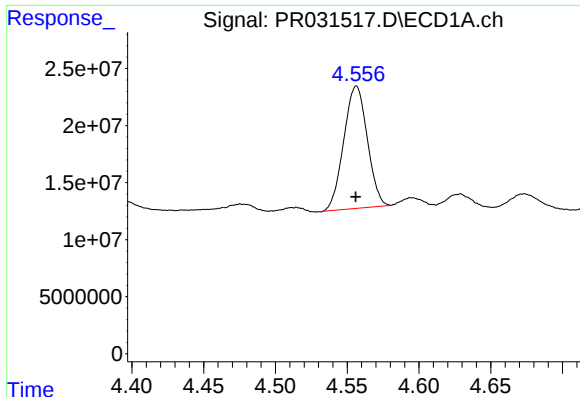
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 23:00:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.M
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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	8.894	7.527	34508869	103.9E6	9.879	40.526 #
43) L9	AR-1268-3	9.124	0.000	33418957	0	10.567	N.D. #
44) L9	AR-1268-4	9.597	0.000	7001747	0	4.794	N.D. #
45) L9	AR-1268-5	9.994	0.000	4524454	0	0.479	N.D. #

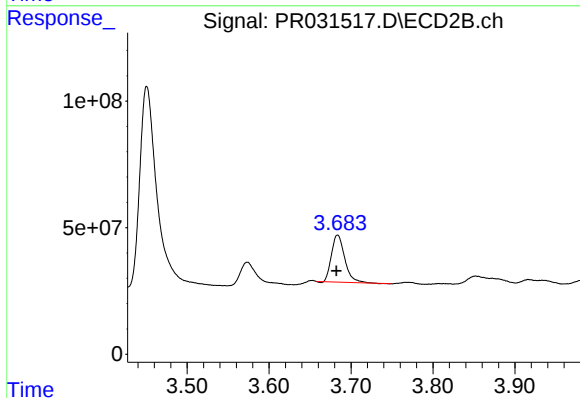
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

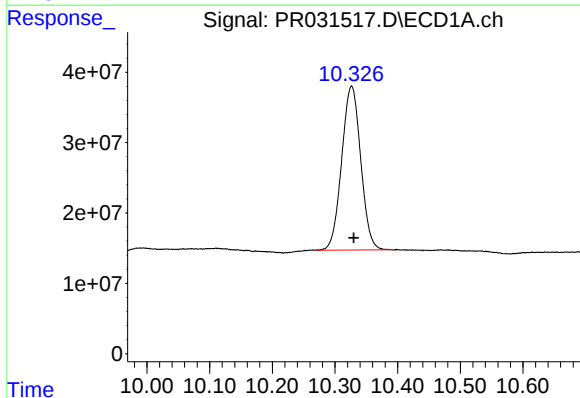
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 122754325
Conc: 12.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



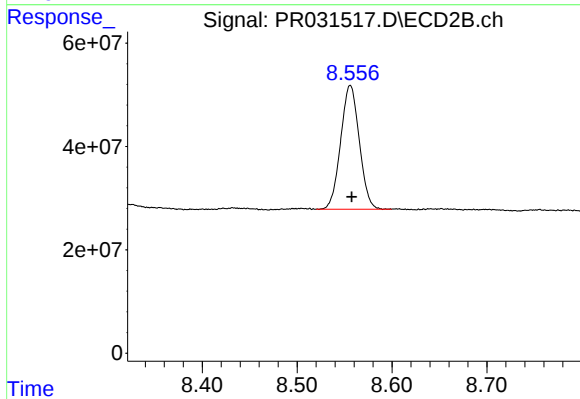
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.002 min
Response: 208252333
Conc: 12.00 ng/ml



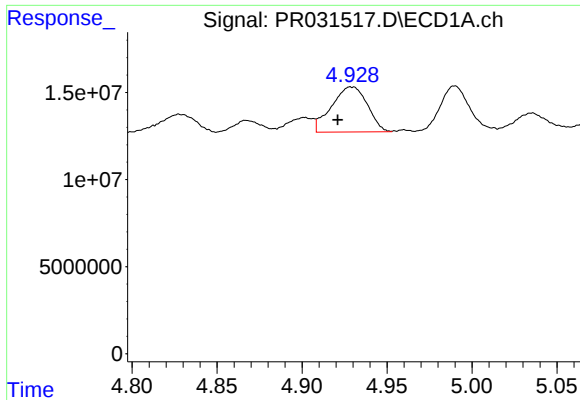
#2 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 491516200
Conc: 16.09 ng/ml



#2 Decachlorobiphenyl

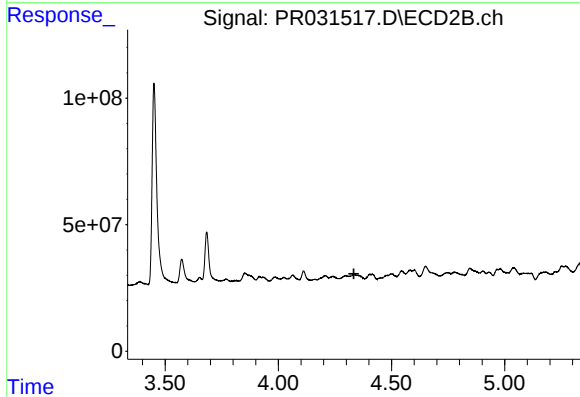
R.T.: 8.556 min
Delta R.T.: -0.002 min
Response: 326946725
Conc: 15.63 ng/ml



#3 AR-1016-1

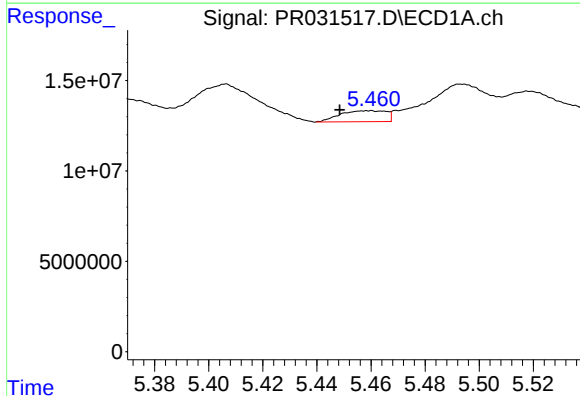
R.T.: 4.928 min
Delta R.T.: 0.007 min
Response: 38131538
Conc: 186.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



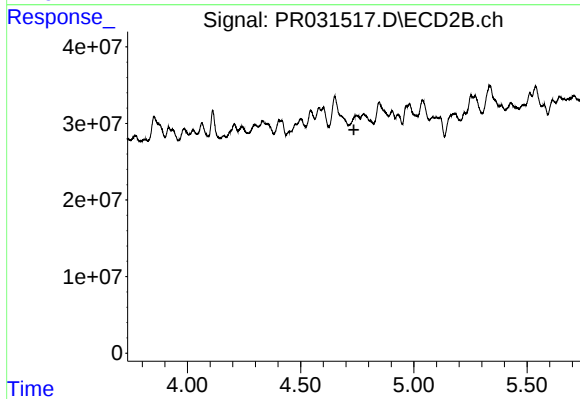
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.334 min
Response: 0
Conc: N.D.



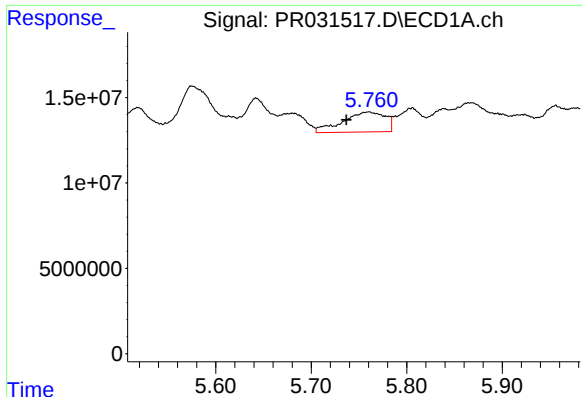
#4 AR-1016-2

R.T.: 5.460 min
Delta R.T.: 0.011 min
Response: 7192281
Conc: 22.28 ng/ml



#4 AR-1016-2

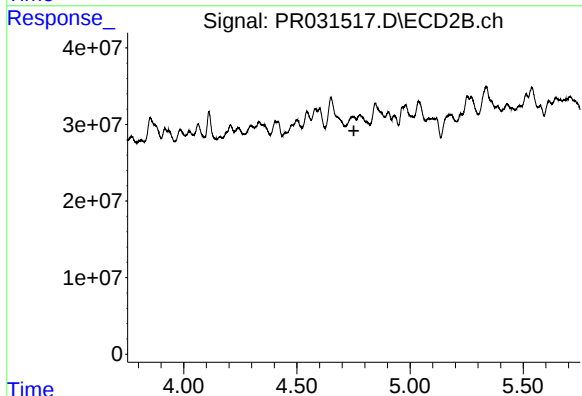
R.T.: 0.000 min
Exp R.T. : 4.735 min
Response: 0
Conc: N.D.



#5 AR-1016-3

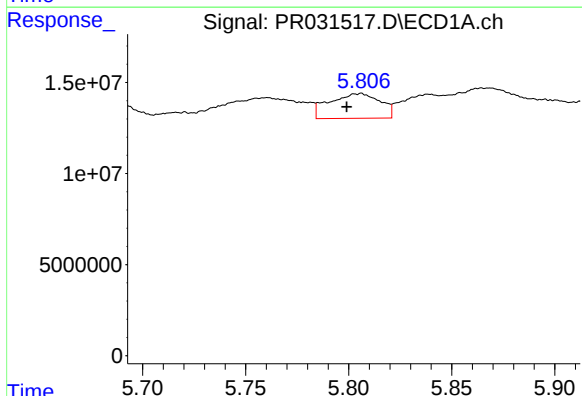
R.T.: 5.761 min
Delta R.T.: 0.024 min
Response: 36367740
Conc: 47.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



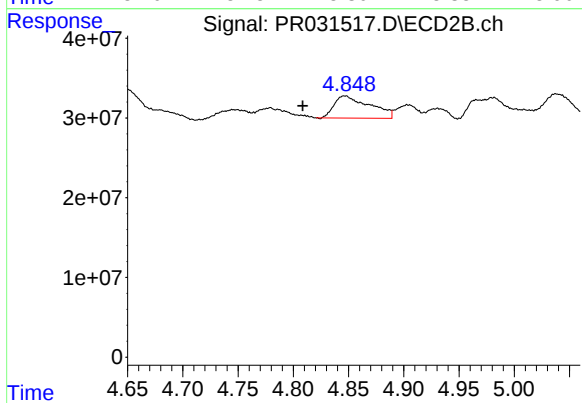
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.752 min
Response: 0
Conc: N.D.



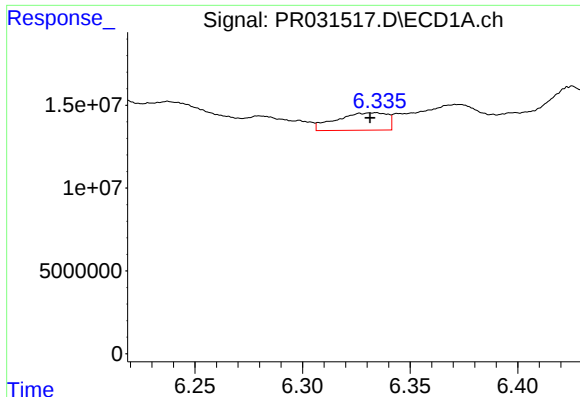
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: 0.007 min
Response: 23334243
Conc: 48.91 ng/ml



#6 AR-1016-4

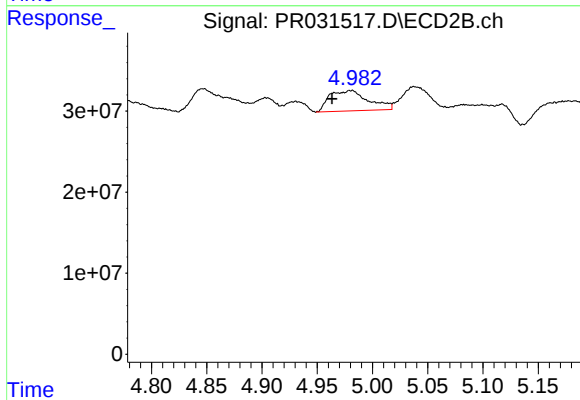
R.T.: 4.848 min
Delta R.T.: 0.040 min
Response: 63082365
Conc: 62.19 ng/ml



#7 AR-1016-5

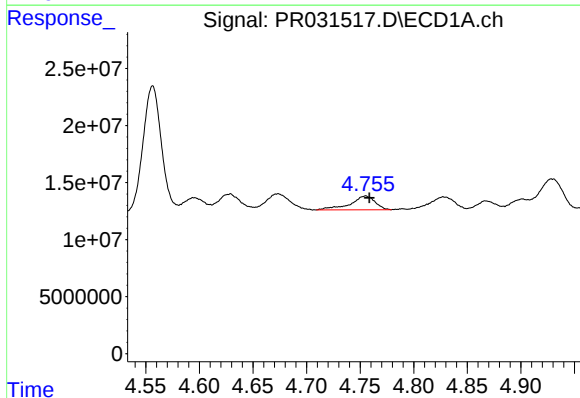
R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: 17289633
Conc: 36.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



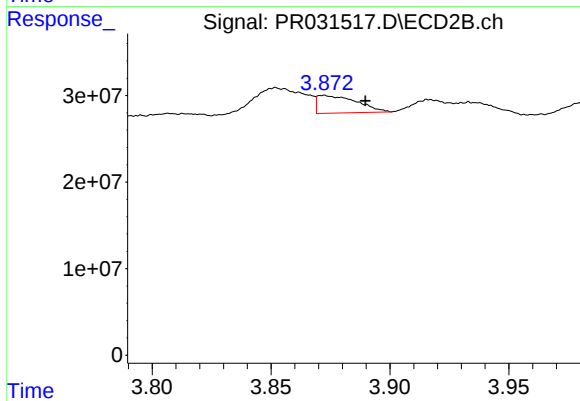
#7 AR-1016-5

R.T.: 4.982 min
Delta R.T.: 0.019 min
Response: 61863905
Conc: 92.43 ng/ml



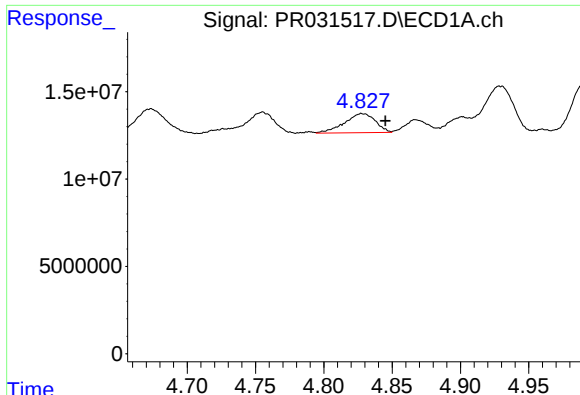
#8 AR-1221-1

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 19515300
Conc: 213.87 ng/ml



#8 AR-1221-1

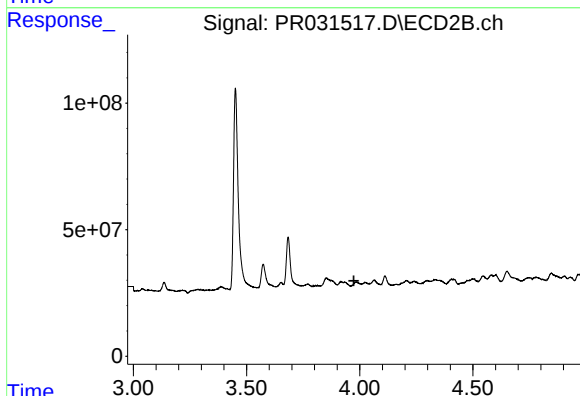
R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 23553513
Conc: 147.94 ng/ml



#9 AR-1221-2

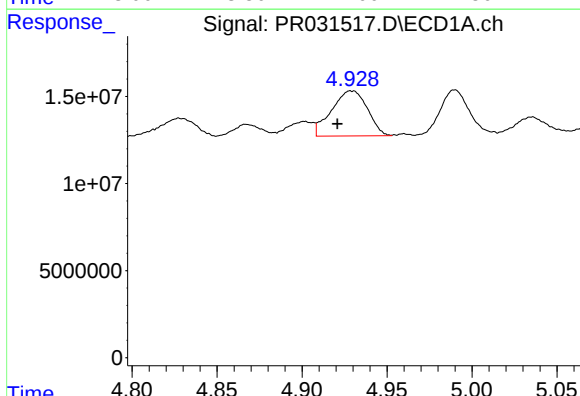
R.T.: 4.828 min
Delta R.T.: -0.018 min
Response: 17253291
Conc: 238.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



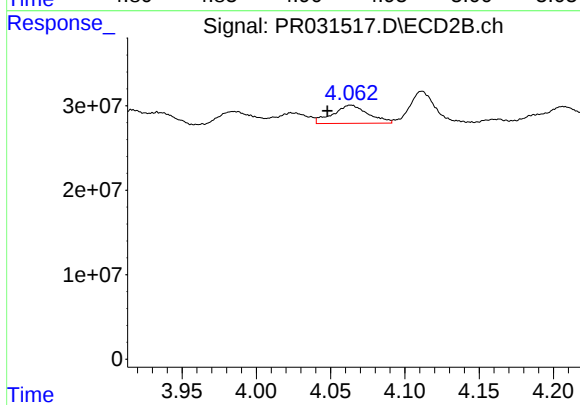
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.974 min
Response: 0
Conc: N.D.



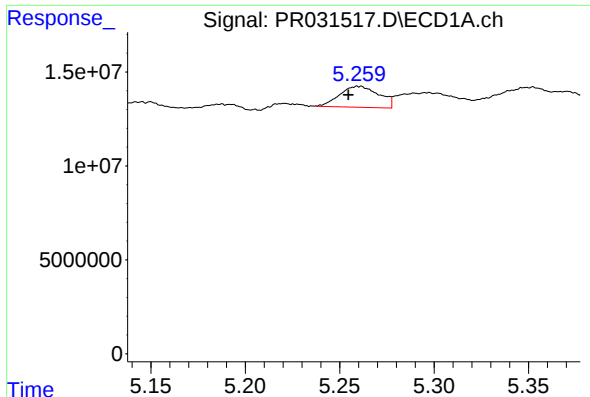
#10 AR-1221-3

R.T.: 4.928 min
Delta R.T.: 0.008 min
Response: 38131538
Conc: 166.47 ng/ml



#10 AR-1221-3

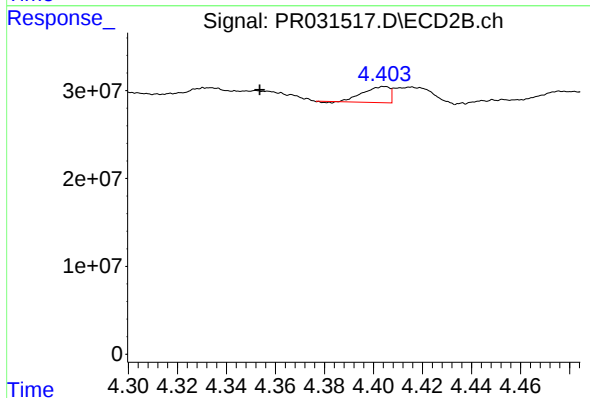
R.T.: 4.064 min
Delta R.T.: 0.016 min
Response: 35730074
Conc: 83.60 ng/ml



#11 AR-1232-1

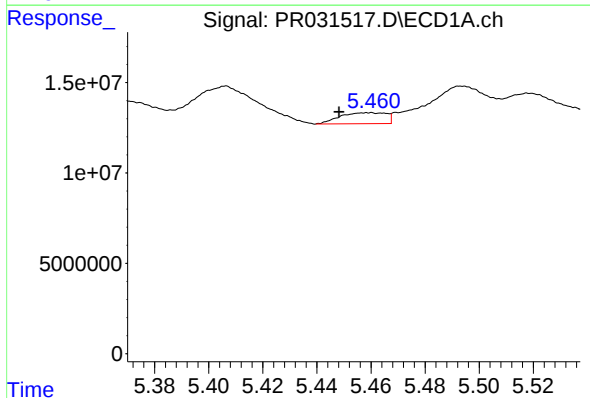
R.T.: 5.261 min
Delta R.T.: 0.007 min
Response: 16164935
Conc: 146.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



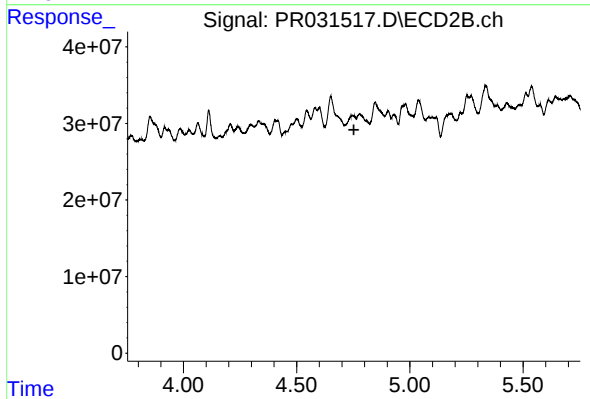
#11 AR-1232-1

R.T.: 4.404 min
Delta R.T.: 0.051 min
Response: 13620855
Conc: 99.43 ng/ml



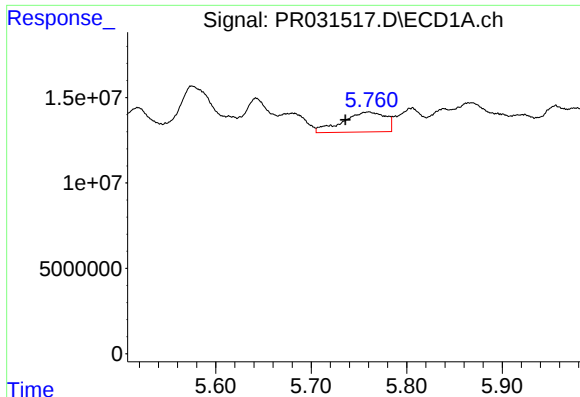
#12 AR-1232-2

R.T.: 5.460 min
Delta R.T.: 0.012 min
Response: 7192281
Conc: 60.07 ng/ml



#12 AR-1232-2

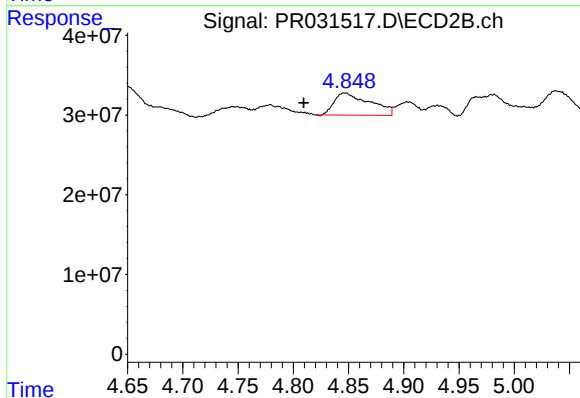
R.T.: 0.000 min
Exp R.T.: 4.753 min
Response: 0
Conc: N.D.



#13 AR-1232-3

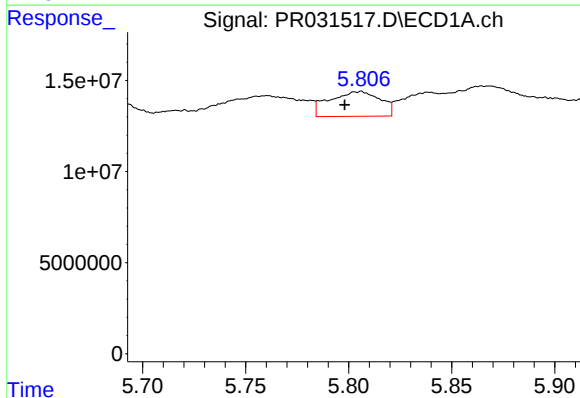
R.T.: 5.761 min
Delta R.T.: 0.025 min
Response: 36367740
Conc: 131.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



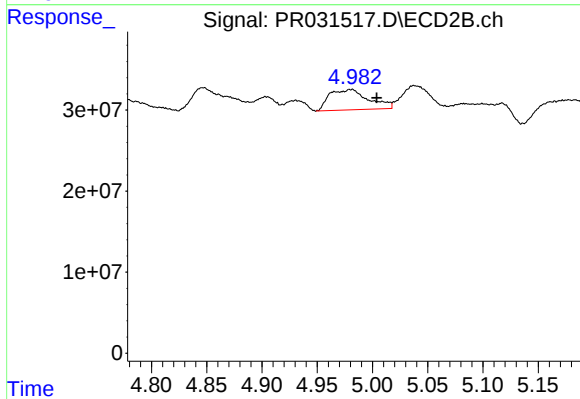
#13 AR-1232-3

R.T.: 4.848 min
Delta R.T.: 0.039 min
Response: 63082365
Conc: 165.61 ng/ml



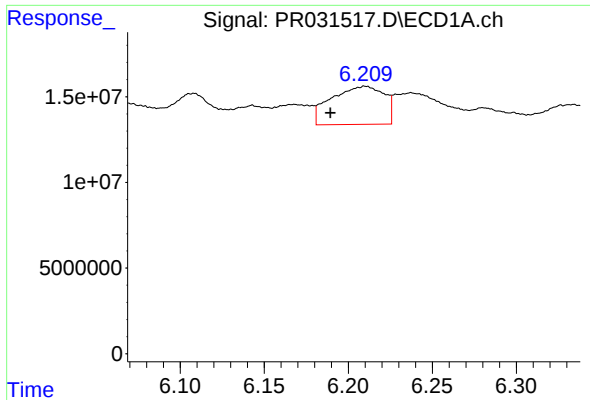
#14 AR-1232-4

R.T.: 5.806 min
Delta R.T.: 0.008 min
Response: 23334243
Conc: 131.17 ng/ml



#14 AR-1232-4

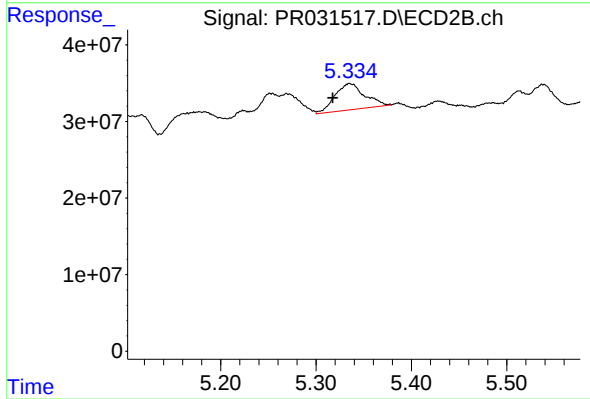
R.T.: 4.982 min
Delta R.T.: -0.022 min
Response: 61863905
Conc: 224.14 ng/ml



#15 AR-1232-5

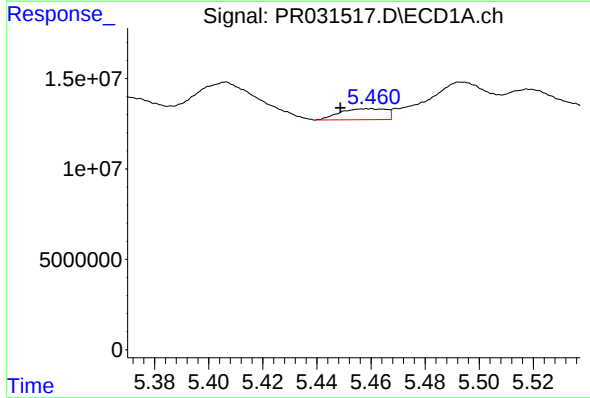
R.T.: 6.210 min
Delta R.T.: 0.020 min
Response: 48746895
Conc: 341.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



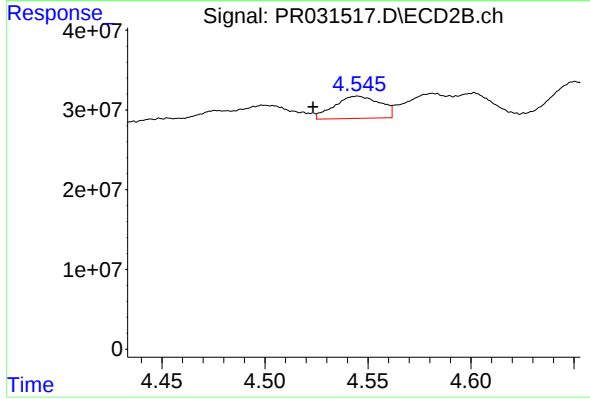
#15 AR-1232-5

R.T.: 5.335 min
Delta R.T.: 0.017 min
Response: 74390334
Conc: 197.84 ng/ml



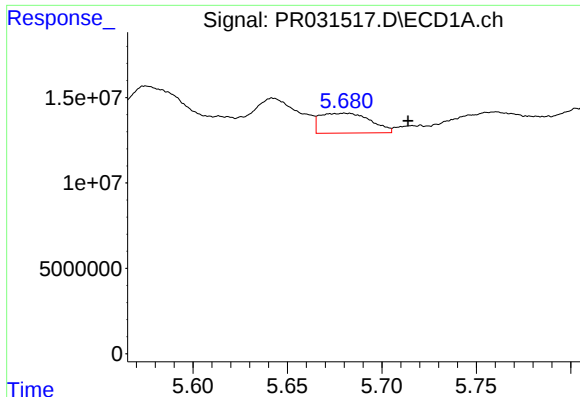
#16 AR-1242-1

R.T.: 5.460 min
Delta R.T.: 0.011 min
Response: 7192281
Conc: 40.60 ng/ml



#16 AR-1242-1

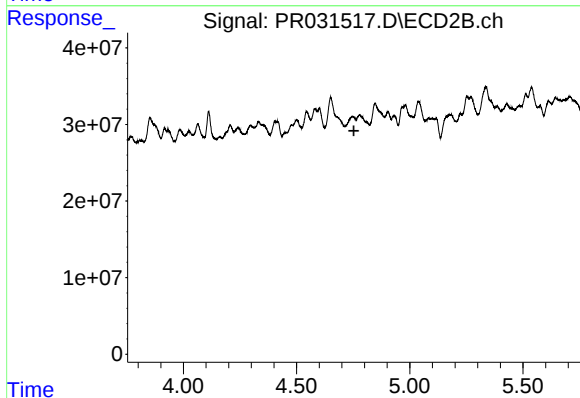
R.T.: 4.545 min
Delta R.T.: 0.022 min
Response: 42927488
Conc: 121.16 ng/ml



#17 AR-1242-2

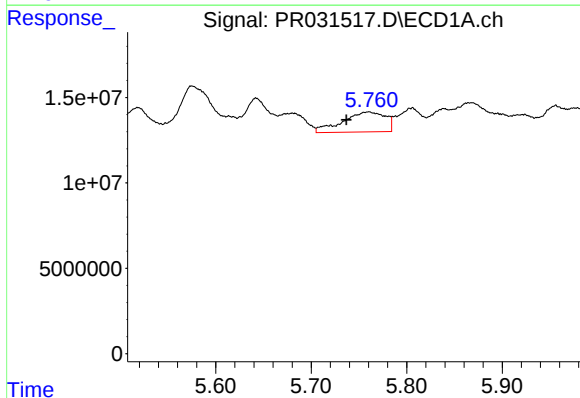
R.T.: 5.680 min
Delta R.T.: -0.034 min
Response: 21553660
Conc: 75.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



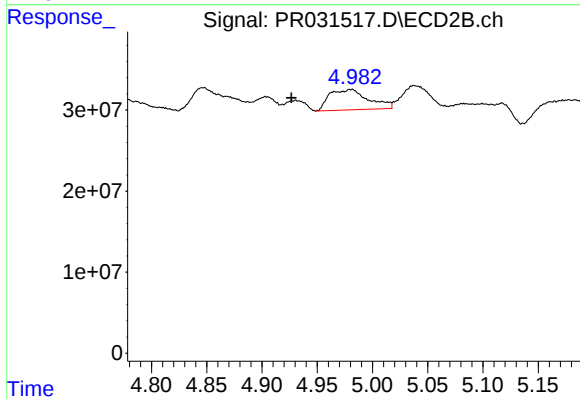
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



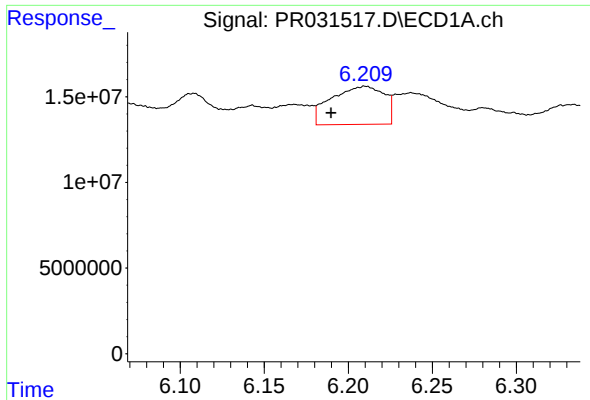
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.024 min
Response: 36367740
Conc: 89.80 ng/ml



#18 AR-1242-3

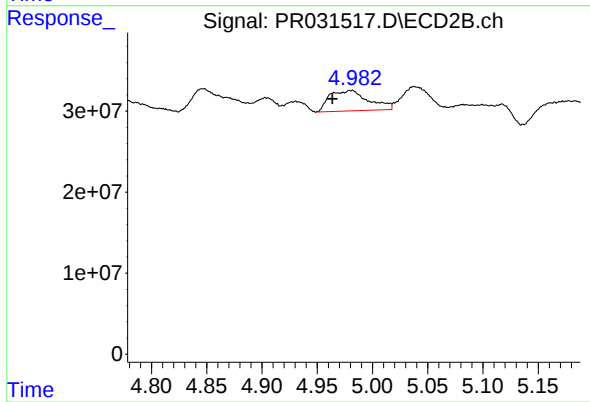
R.T.: 4.982 min
Delta R.T.: 0.055 min
Response: 61863905
Conc: 141.52 ng/ml



#19 AR-1242-4

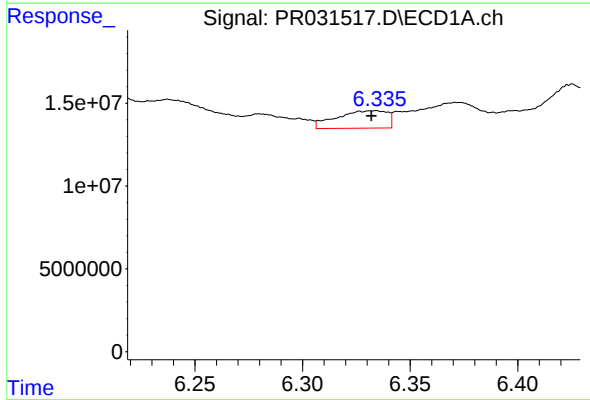
R.T.: 6.210 min
Delta R.T.: 0.020 min
Response: 48746895
Conc: 204.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



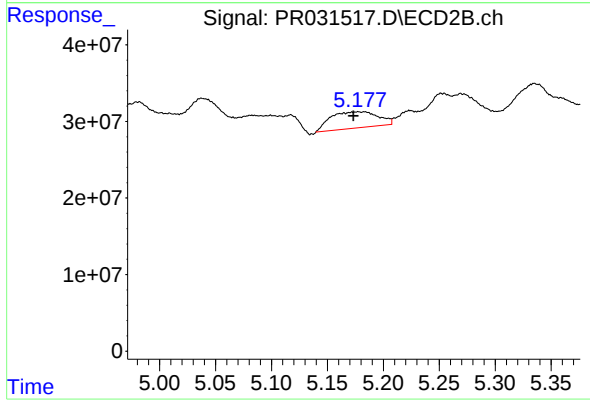
#19 AR-1242-4

R.T.: 4.982 min
Delta R.T.: 0.018 min
Response: 61863905
Conc: 168.47 ng/ml



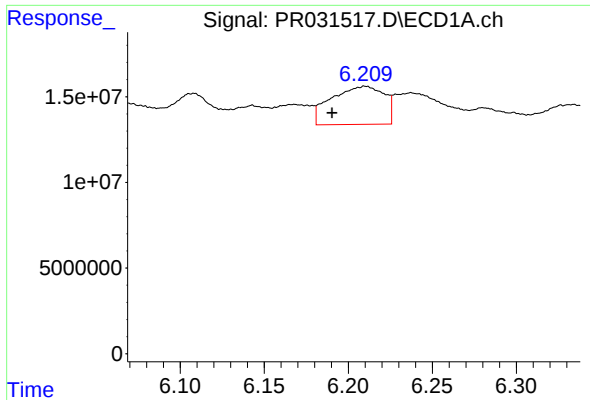
#20 AR-1242-5

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 17289633
Conc: 64.39 ng/ml



#20 AR-1242-5

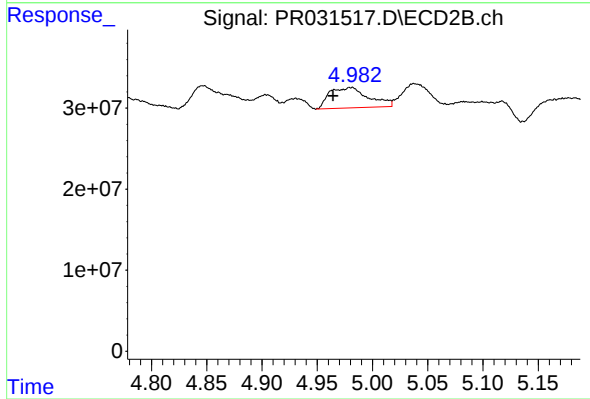
R.T.: 5.178 min
Delta R.T.: 0.005 min
Response: 62954340
Conc: 119.42 ng/ml



#21 AR-1248-1

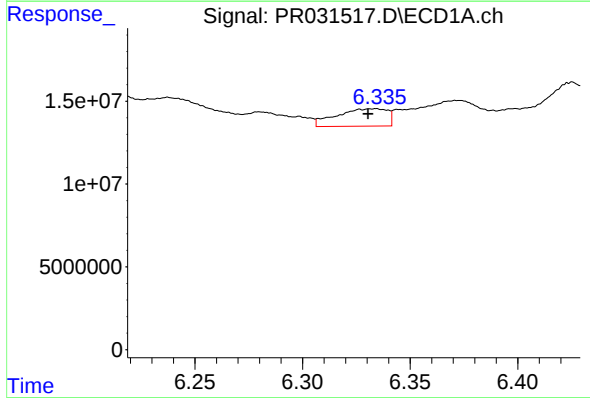
R.T.: 6.210 min
Delta R.T.: 0.019 min
Response: 48746895
Conc: 117.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



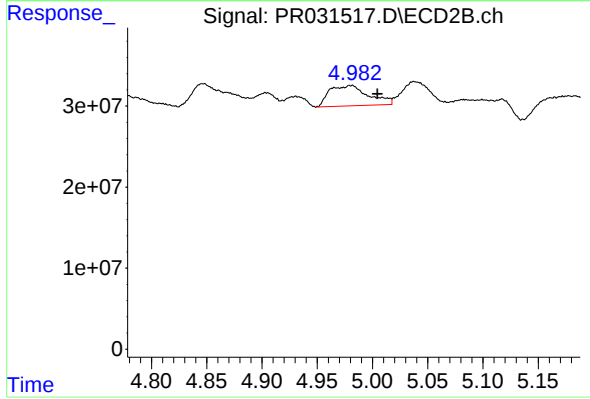
#21 AR-1248-1

R.T.: 4.982 min
Delta R.T.: 0.018 min
Response: 61863905
Conc: 93.53 ng/ml



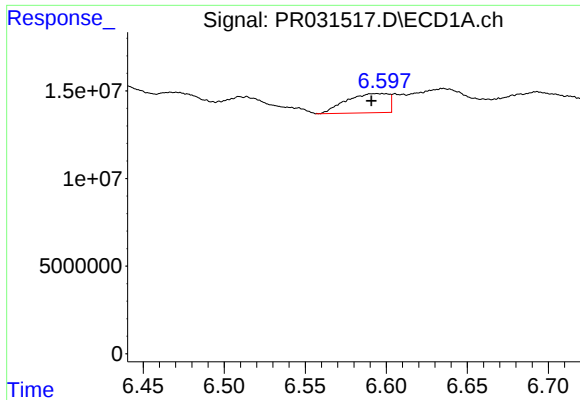
#22 AR-1248-2

R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 17289633
Conc: 48.73 ng/ml



#22 AR-1248-2

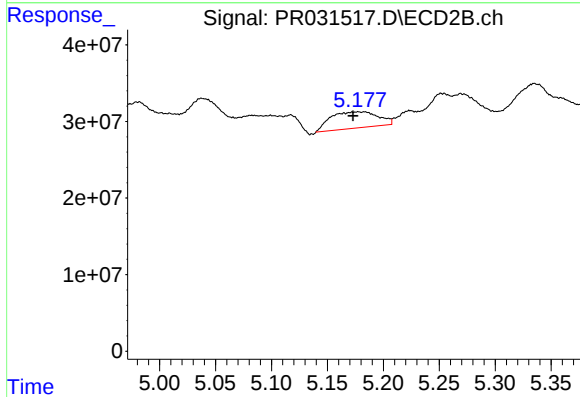
R.T.: 4.982 min
Delta R.T.: -0.022 min
Response: 61863905
Conc: 89.49 ng/ml



#23 AR-1248-3

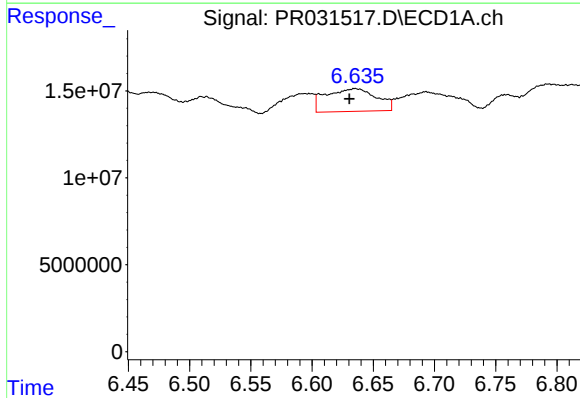
R.T.: 6.598 min
Delta R.T.: 0.007 min
Response: 19938619
Conc: 36.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



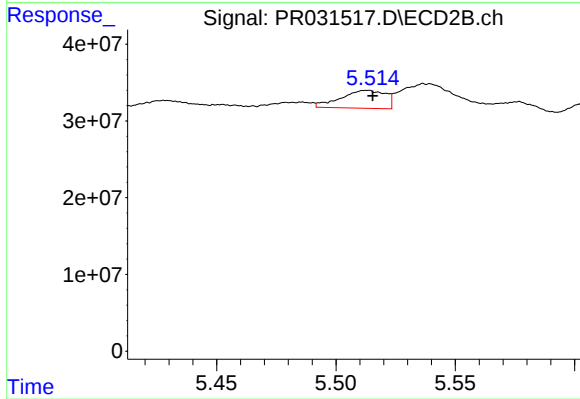
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.005 min
Response: 62954340
Conc: 70.40 ng/ml



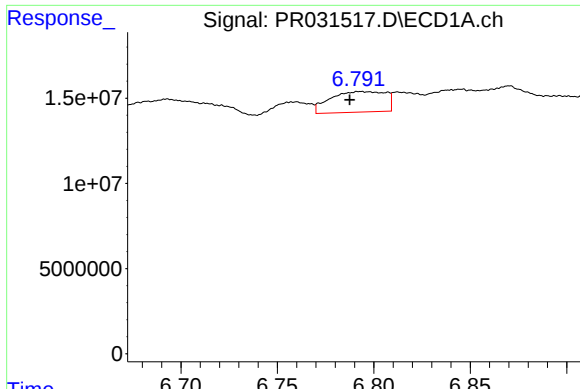
#24 AR-1248-4

R.T.: 6.635 min
Delta R.T.: 0.005 min
Response: 37685608
Conc: 71.51 ng/ml



#24 AR-1248-4

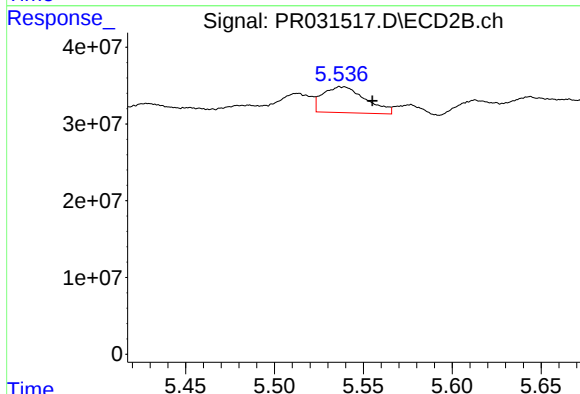
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 30091092
Conc: 20.39 ng/ml



#25 AR-1248-5

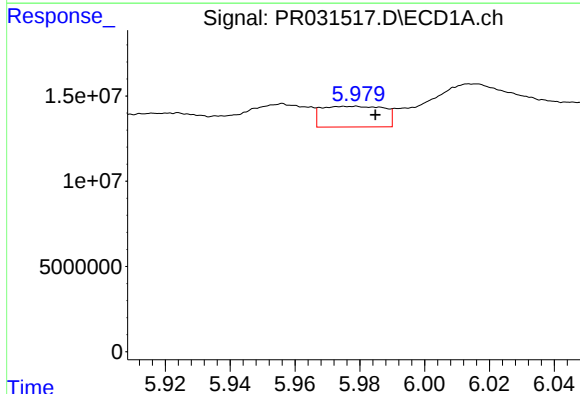
R.T.: 6.793 min
Delta R.T.: 0.006 min
Response: 24084432
Conc: 42.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



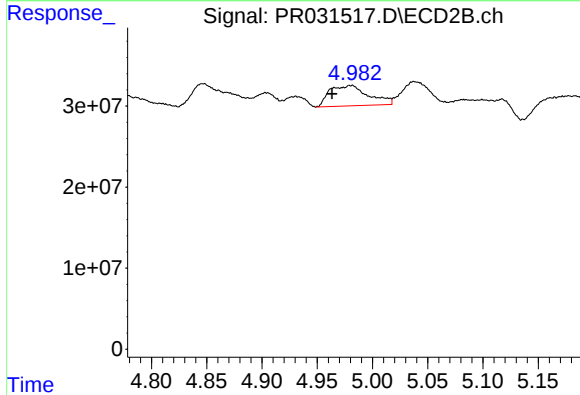
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.018 min
Response: 56425652
Conc: 53.44 ng/ml



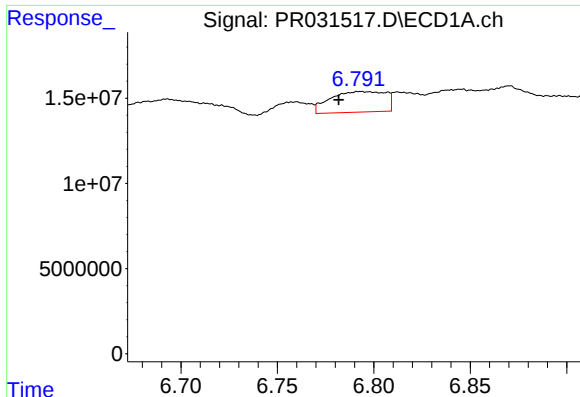
#26 AR-1254-1

R.T.: 5.979 min
Delta R.T.: -0.006 min
Response: 16257567
Conc: 53.17 ng/ml



#26 AR-1254-1

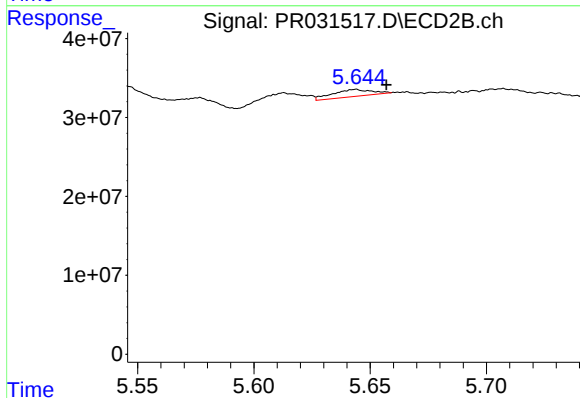
R.T.: 4.982 min
Delta R.T.: 0.019 min
Response: 61863905
Conc: 97.79 ng/ml



#27 AR-1254-2

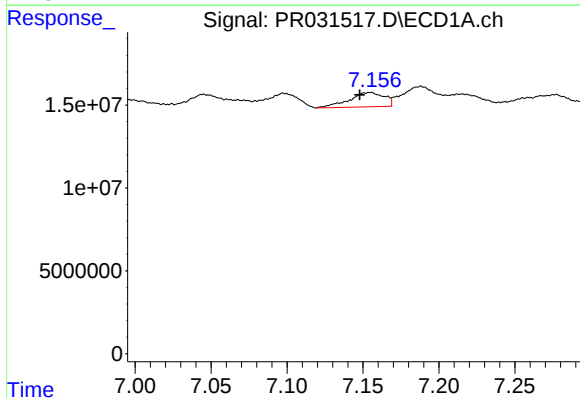
R.T.: 6.793 min
Delta R.T.: 0.012 min
Response: 24084432
Conc: 21.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



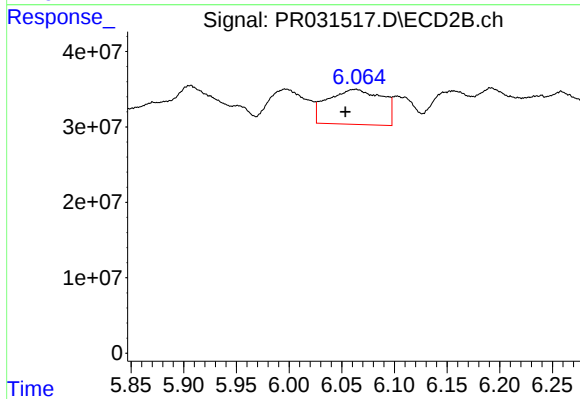
#27 AR-1254-2

R.T.: 5.644 min
Delta R.T.: -0.013 min
Response: 10601593
Conc: 5.82 ng/ml



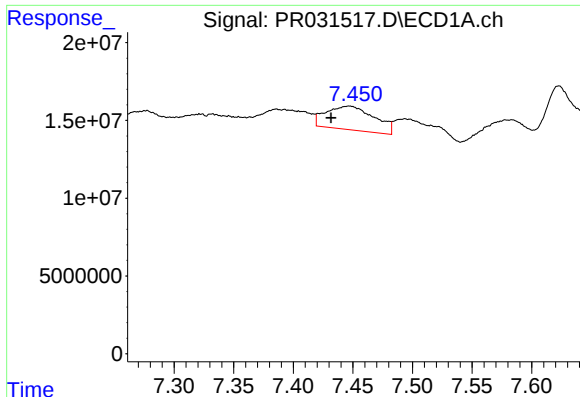
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: 0.008 min
Response: 14013863
Conc: 10.66 ng/ml



#28 AR-1254-3

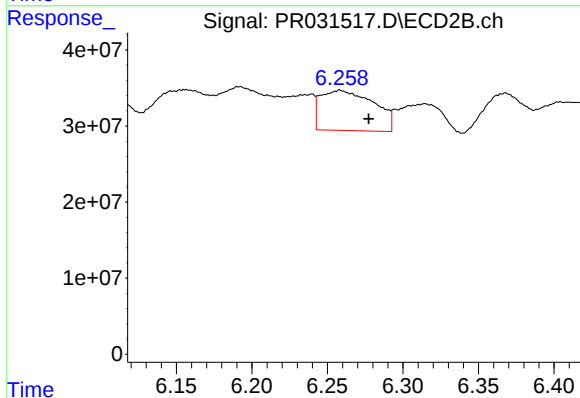
R.T.: 6.064 min
Delta R.T.: 0.010 min
Response: 167238246
Conc: 53.88 ng/ml



#29 AR-1254-4

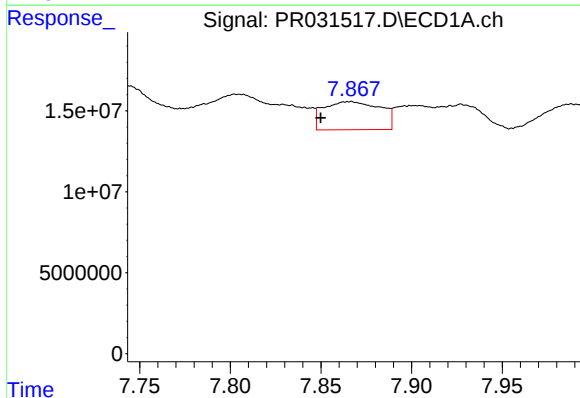
R.T.: 7.447 min
Delta R.T.: 0.015 min
Response: 42966112
Conc: 38.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



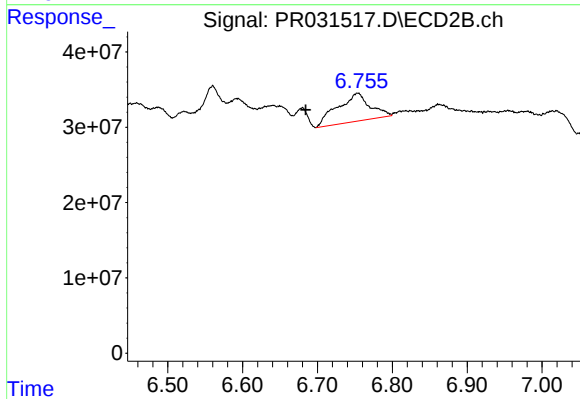
#29 AR-1254-4

R.T.: 6.258 min
Delta R.T.: -0.019 min
Response: 130127696
Conc: 52.78 ng/ml



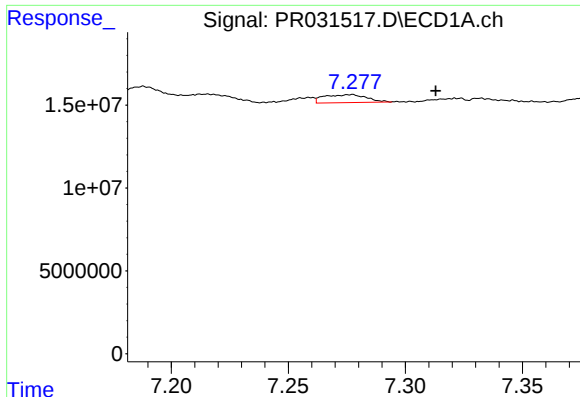
#30 AR-1254-5

R.T.: 7.866 min
Delta R.T.: 0.016 min
Response: 37879570
Conc: 32.42 ng/ml



#30 AR-1254-5

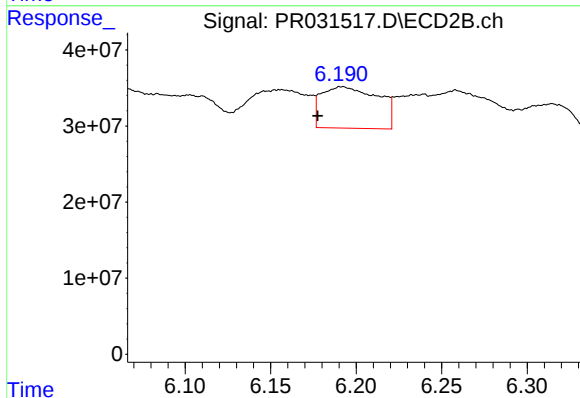
R.T.: 6.753 min
Delta R.T.: 0.069 min
Response: 113079962
Conc: 47.23 ng/ml



#31 AR-1260-1

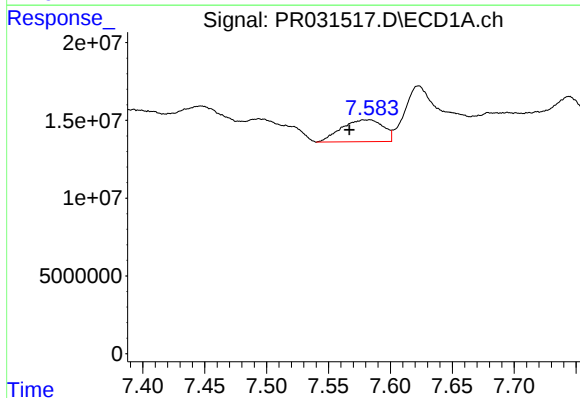
R.T.: 7.278 min
Delta R.T.: -0.035 min
Response: 6059192
Conc: 5.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



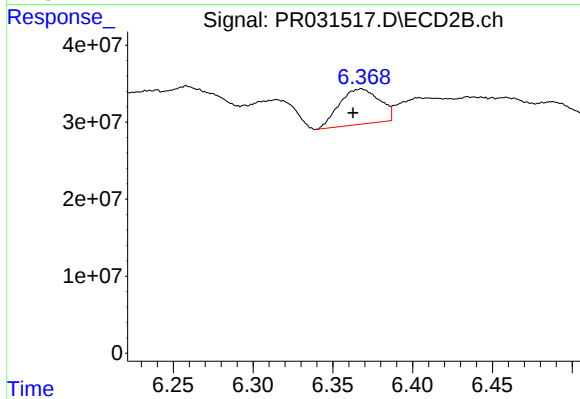
#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 125658676
Conc: 54.57 ng/ml



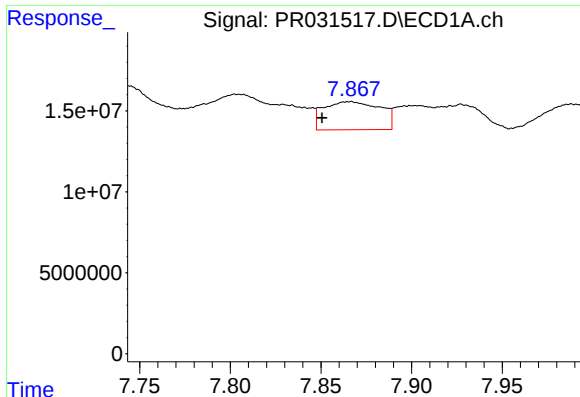
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: 0.017 min
Response: 33105454
Conc: 22.42 ng/ml



#32 AR-1260-2

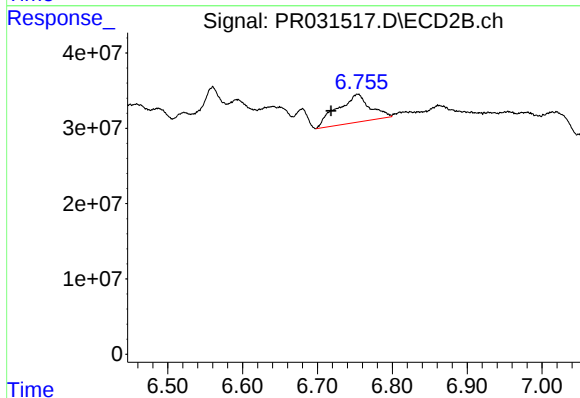
R.T.: 6.368 min
Delta R.T.: 0.005 min
Response: 80342670
Conc: 27.68 ng/ml



#33 AR-1260-3

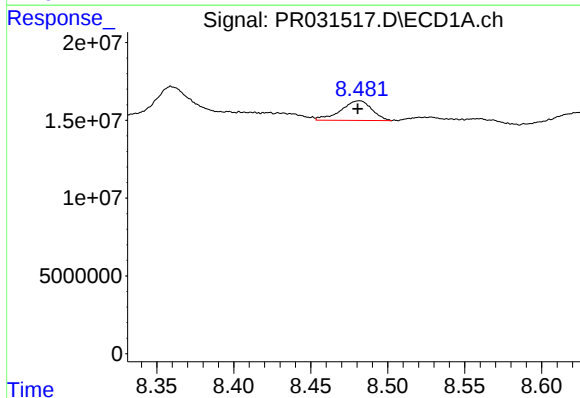
R.T.: 7.866 min
Delta R.T.: 0.016 min
Response: 37879570
Conc: 21.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



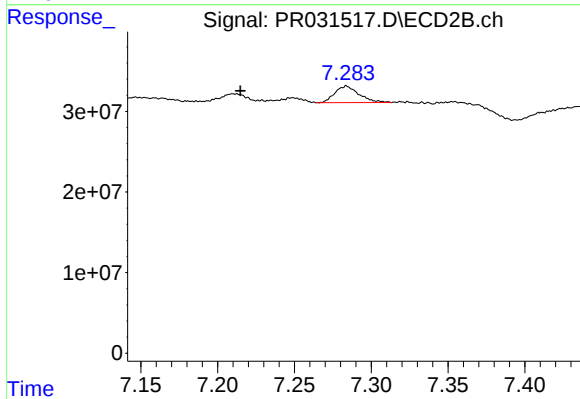
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: 0.035 min
Response: 113079962
Conc: 53.41 ng/ml



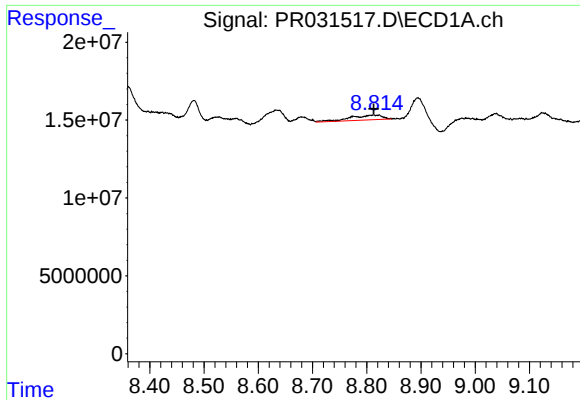
#34 AR-1260-4

R.T.: 8.482 min
Delta R.T.: 0.001 min
Response: 17778935
Conc: 5.66 ng/ml



#34 AR-1260-4

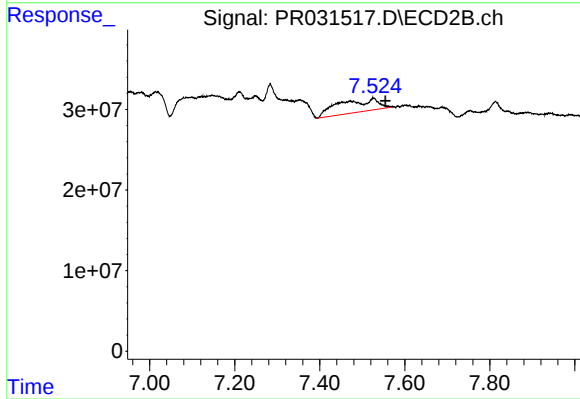
R.T.: 7.284 min
Delta R.T.: 0.069 min
Response: 22807353
Conc: 6.76 ng/ml



#35 AR-1260-5

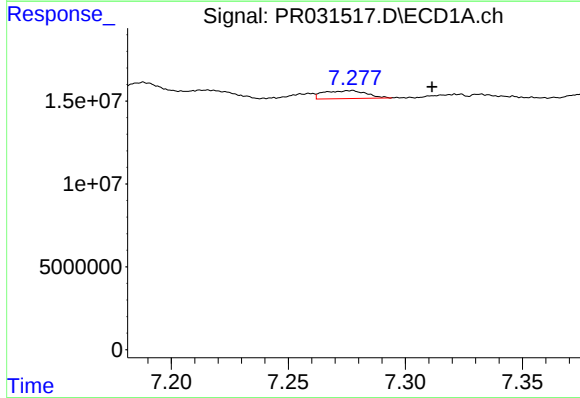
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 12870155
Conc: 6.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



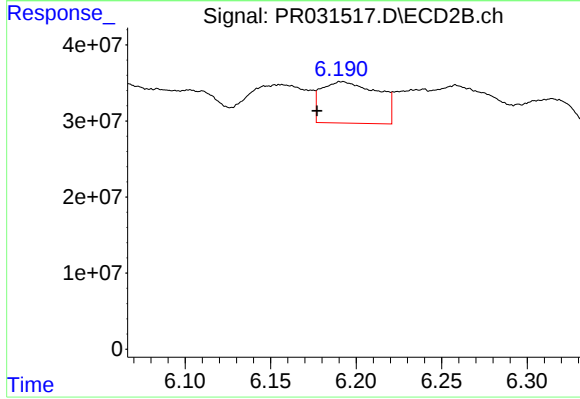
#35 AR-1260-5

R.T.: 7.527 min
Delta R.T.: -0.028 min
Response: 103889967
Conc: 51.06 ng/ml



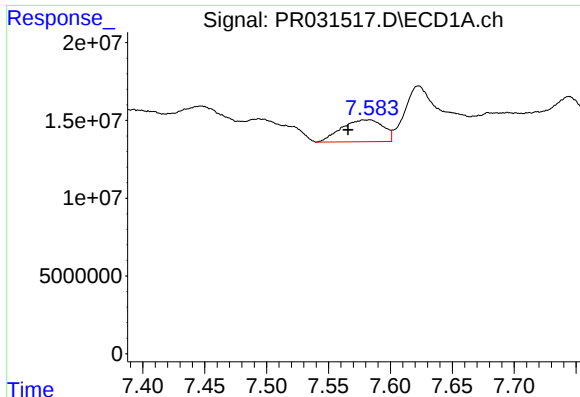
#36 AR-1262-1

R.T.: 7.278 min
Delta R.T.: -0.034 min
Response: 6059192
Conc: 6.52 ng/ml



#36 AR-1262-1

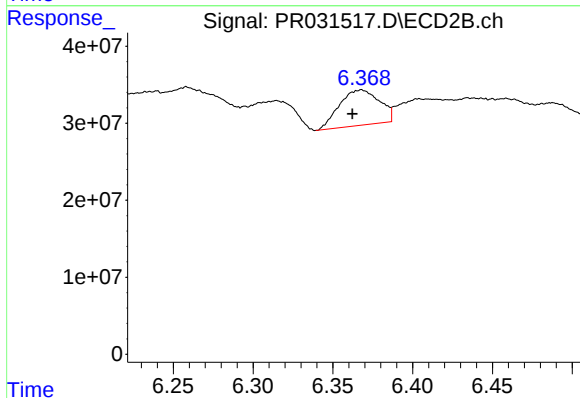
R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 125658676
Conc: 63.45 ng/ml



#37 AR-1262-2

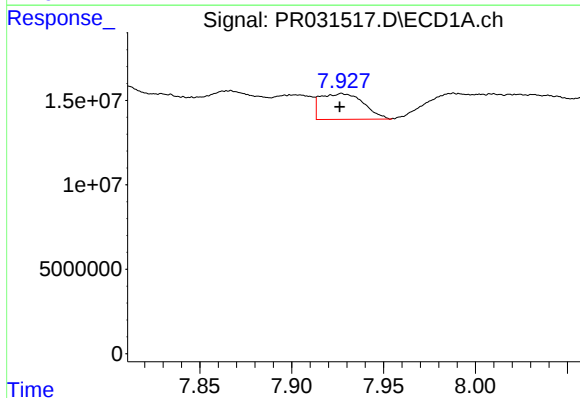
R.T.: 7.583 min
Delta R.T.: 0.018 min
Response: 33105454
Conc: 26.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



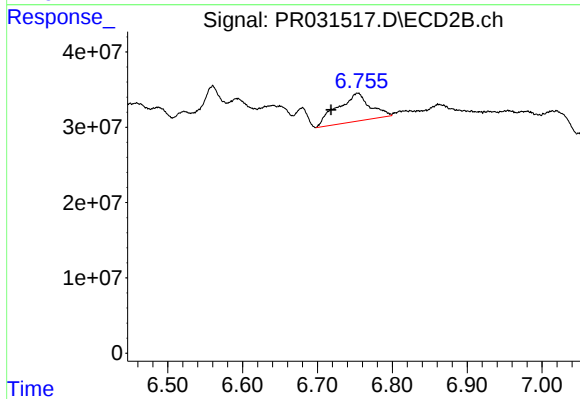
#37 AR-1262-2

R.T.: 6.368 min
Delta R.T.: 0.006 min
Response: 80342670
Conc: 33.57 ng/ml



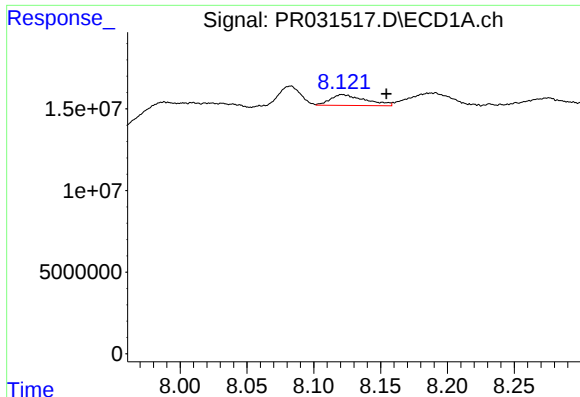
#38 AR-1262-3

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 24972973
Conc: 13.16 ng/ml



#38 AR-1262-3

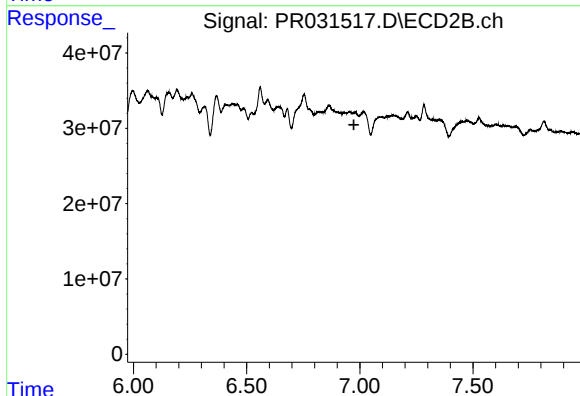
R.T.: 6.753 min
Delta R.T.: 0.035 min
Response: 113079962
Conc: 38.90 ng/ml



#39 AR-1262-4

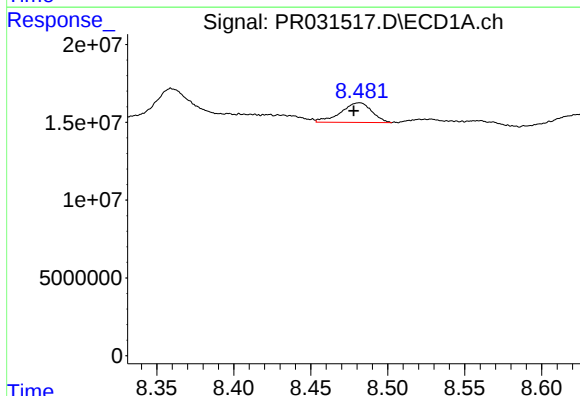
R.T.: 8.121 min
Delta R.T.: -0.033 min
Response: 11858109
Conc: 7.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



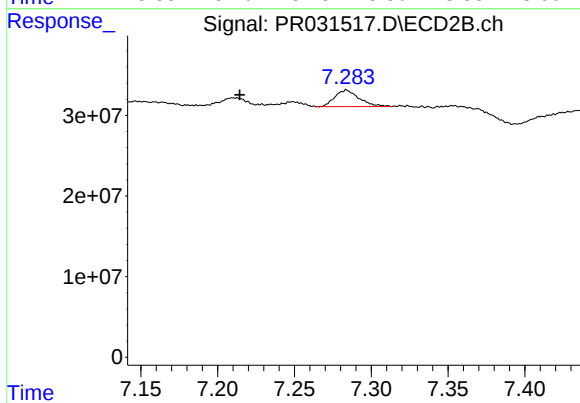
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.974 min
Response: 0
Conc: N.D.



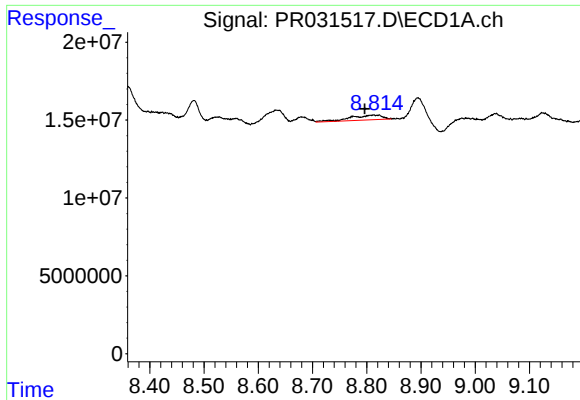
#40 AR-1262-5

R.T.: 8.482 min
Delta R.T.: 0.004 min
Response: 17778935
Conc: 4.72 ng/ml



#40 AR-1262-5

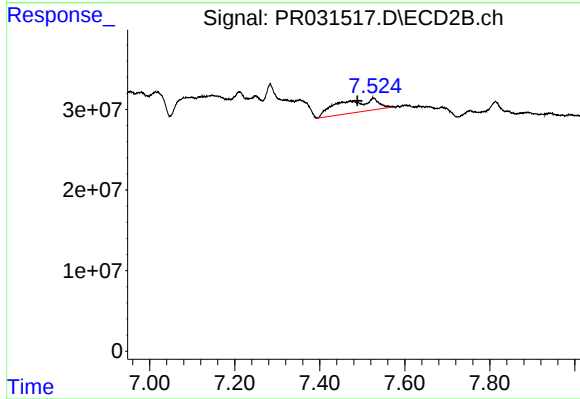
R.T.: 7.284 min
Delta R.T.: 0.069 min
Response: 22807353
Conc: 6.28 ng/ml



#41 AR-1268-1

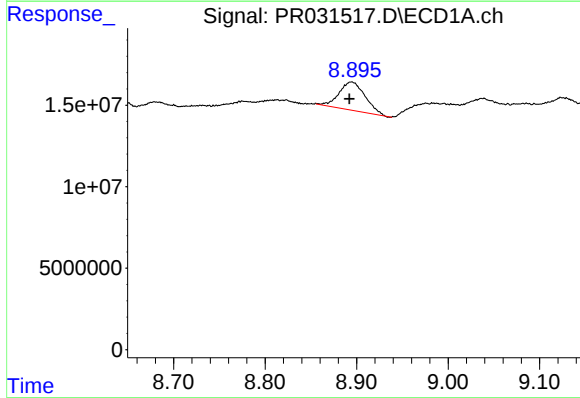
R.T.: 8.813 min
Delta R.T.: 0.016 min
Response: 12870155
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



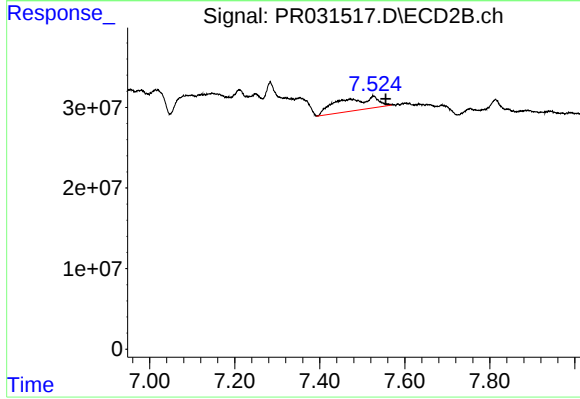
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: 0.038 min
Response: 103889967
Conc: 34.79 ng/ml



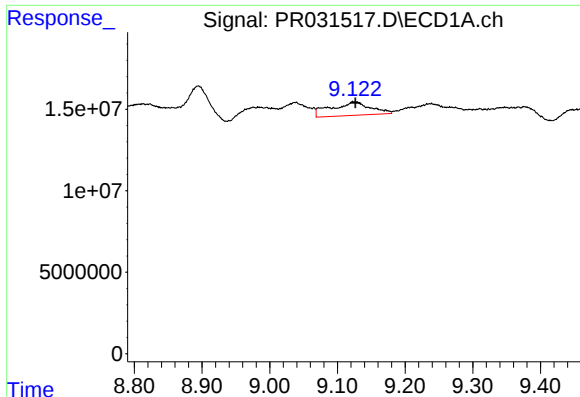
#42 AR-1268-2

R.T.: 8.894 min
Delta R.T.: 0.002 min
Response: 34508869
Conc: 9.88 ng/ml



#42 AR-1268-2

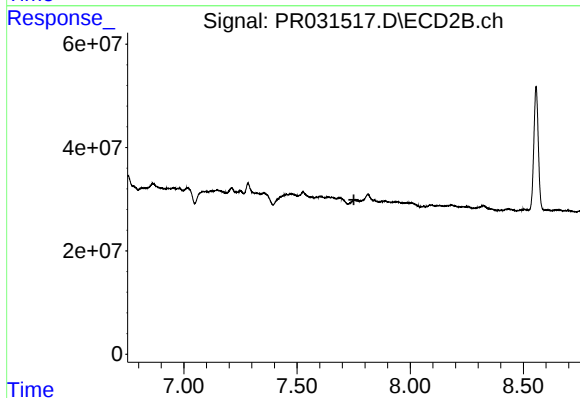
R.T.: 7.527 min
Delta R.T.: -0.028 min
Response: 103889967
Conc: 40.53 ng/ml



#43 AR-1268-3

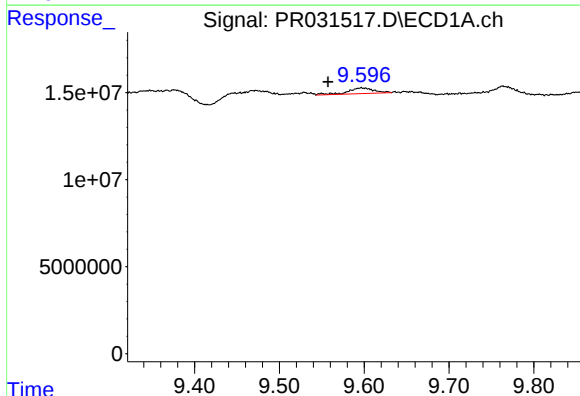
R.T.: 9.124 min
Delta R.T.: -0.003 min
Response: 33418957
Conc: 10.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



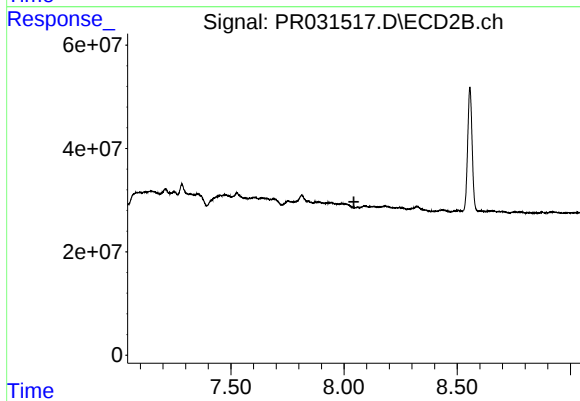
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.751 min
Response: 0
Conc: N.D.



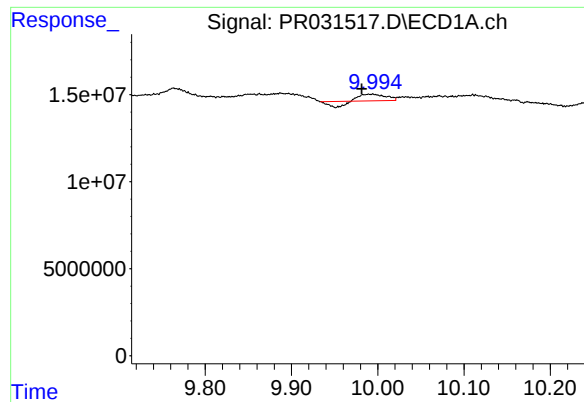
#44 AR-1268-4

R.T.: 9.597 min
Delta R.T.: 0.039 min
Response: 7001747
Conc: 4.79 ng/ml



#44 AR-1268-4

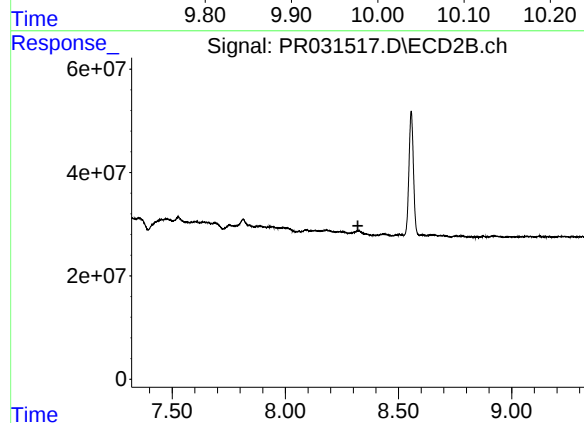
R.T.: 0.000 min
Exp R.T. : 8.043 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.013 min
Response: 4524454
Conc: 0.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.321 min
Response: 0
Conc: N.D.