

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091318\
 Data File : PR032036.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2018 09:46
 Operator : SM\SJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 10:11:43 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	425.5E6	875.9E6	19.557	20.877
2)	SA Decachlor...	10.259	8.506	461.9E6	336.7E6	18.259	17.788
Target Compounds							
3)	L1 AR-1016-1	5.228	4.251	92036011	4277623	160.126	3.641 #
4)	L1 AR-1016-2	0.000	4.742	0	2795430	N.D.	1.572 #
5)	L1 AR-1016-3	5.666	4.742	7351172	2795430	8.175	0.880 #
6)	L1 AR-1016-4	5.782	4.742	226.0E6	2795430	292.103	1.561 #
7)	L1 AR-1016-5	6.166	5.143	8382350	16479101	12.733	9.642
8)	L2 AR-1221-1	4.684	3.903	6333021	252184	25.850	0.565 #
9)	L2 AR-1221-2	4.822	3.941	10611618	10794033	58.451	32.743 #
10)	L2 AR-1221-3	4.822	4.015	10611618	347990	18.439	0.317 #
11)	L3 AR-1232-1	5.666	4.456	7351172	4273074	14.125	7.451 #
12)	L3 AR-1232-2	0.000	4.592	0	3310640	N.D.	16.990 #
13)	L3 AR-1232-3	6.104	4.924	15921232	21331479	227.817	37.252 #
14)	L3 AR-1232-4	6.397	5.331	71931238	4502864	1021.915	6.061 #
15)	L3 AR-1232-5	7.228	5.875	227.5E6	-6611325	4642.943	N.D. #
16)	L4 AR-1242-1	5.228	4.374	92036011	754284	348.656	1.273 #
17)	L4 AR-1242-2	0.000	4.902	0	4576348	N.D.	3.725 #
18)	L4 AR-1242-3	6.190	0.000	25350769	0	109.372	N.D. #
19)	L4 AR-1242-4	6.190	5.331	25350769	4502864	146.567	11.479 #
20)	L4 AR-1242-5	6.305	5.750	57097892	2022259	95.712	2.317 #
21)	L5 AR-1248-1	0.000	4.924	0	21331479	N.D.	12.487 #
22)	L5 AR-1248-2	6.580	5.486	18711302	2634758	23.407	0.762 #
23)	L5 AR-1248-3	6.580	5.518	18711302	4212731	17.440	1.707 #
24)	L5 AR-1248-4	6.580	5.750	18711302	2022259	18.465	0.817 #
25)	L5 AR-1248-5	6.809	6.003	14948735	41320489	22.310	25.889
26)	L6 AR-1254-1	6.741	5.616	2425901	61238795	1.289	16.281 #
27)	L6 AR-1254-2	7.072	5.917	422.4E6	2440342	360.110	0.849 #
28)	L6 AR-1254-3	7.072	6.251	422.4E6	5452410	202.796	1.209 #
29)	L6 AR-1254-4	7.429	6.586	98260737	24256214	60.077	11.173 #
30)	L6 AR-1254-5	7.673	6.637	113.0E6	47373769	98.650	12.019 #
31)	L7 AR-1260-1	7.303	0.000	34412161	0	26.202	N.D. #
32)	L7 AR-1260-2	7.545	6.346	111.0E6	23524949	69.414	5.537 #
33)	L7 AR-1260-3	7.800	6.498	256.1E6	-12250858	148.549	N.D. #
34)	L7 AR-1260-4	8.150	0.000	77445921	0	64.777	N.D. #
35)	L7 AR-1260-5	8.423	7.214	213.7E6	286.6E6	79.077	65.008
36)	L8 AR-1262-1	7.160	6.003	408.5E6	41320489	585.622	23.452 #
37)	L8 AR-1262-2	7.968	0.000	54147207	0	90.601	N.D. #
38)	L8 AR-1262-3	8.150	7.084	77445921	486.7E6	156.111	417.637 #
39)	L8 AR-1262-4	8.833	7.462	3013196	72750187	2.161	48.900 #
40)	L8 AR-1262-5	9.508	0.000	132.7E6	0	120.578	N.D. #
41)	L9 AR-1268-1	0.000	6.637	0	47373769	N.D.	30.851 #

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 Acq On : 13 Sep 2018 09:46
 Operator : SM\SJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

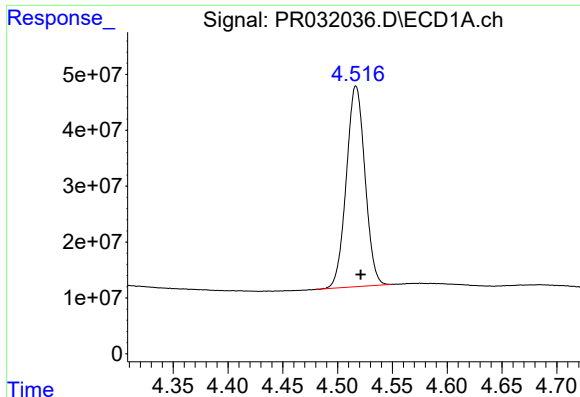
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 10:11:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.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	8.150	7.462	77445921	72750187	88.030	20.793 #
43) L9	AR-1268-3	8.698	7.690	16509794	12669449	4.453	4.485
44) L9	AR-1268-4	0.000	7.746	0	1942747	N.D.	2.303 #
45) L9	AR-1268-5	9.939	8.218	219.4E6	89408884	23.156	12.621 #

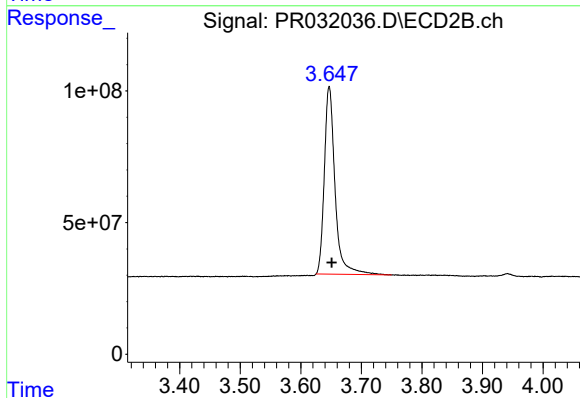
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

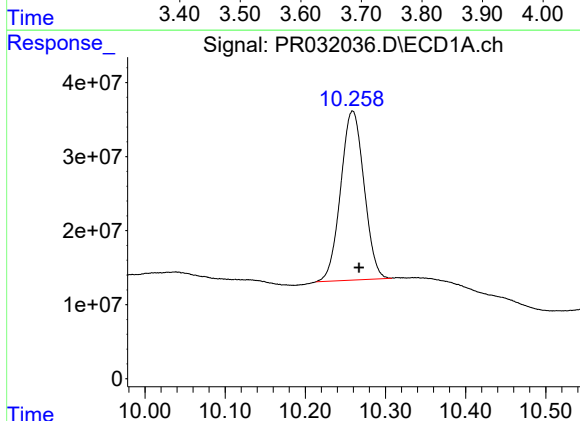
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 425539583
Conc: 19.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



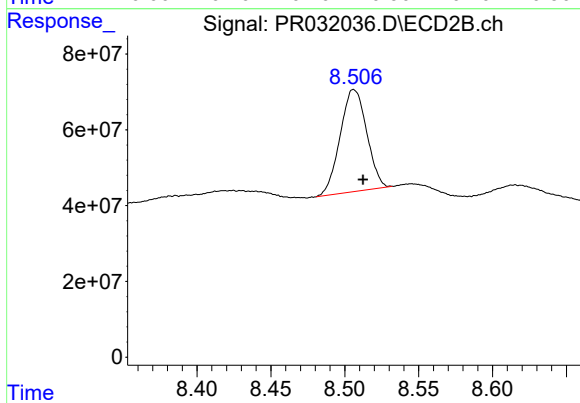
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.004 min
Response: 875940672
Conc: 20.88 ng/ml



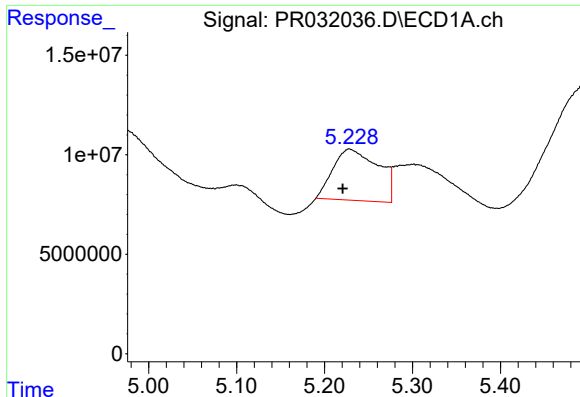
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: -0.008 min
Response: 461903547
Conc: 18.26 ng/ml



#2 Decachlorobiphenyl

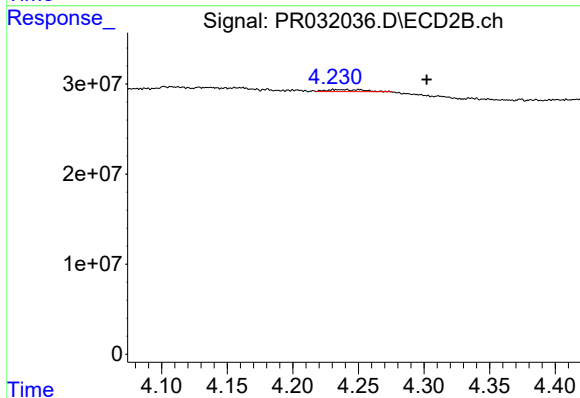
R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 336651095
Conc: 17.79 ng/ml



#3 AR-1016-1

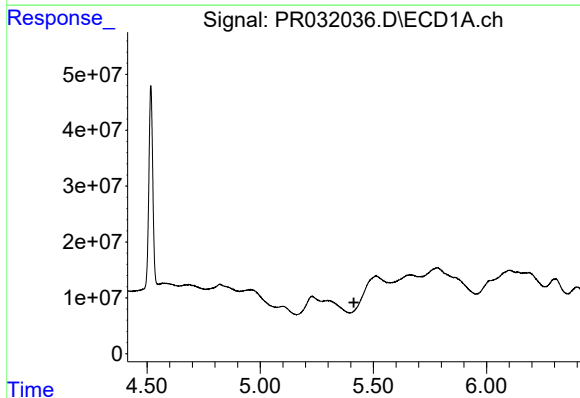
R.T.: 5.228 min
Delta R.T.: 0.007 min
Response: 92036011
Conc: 160.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



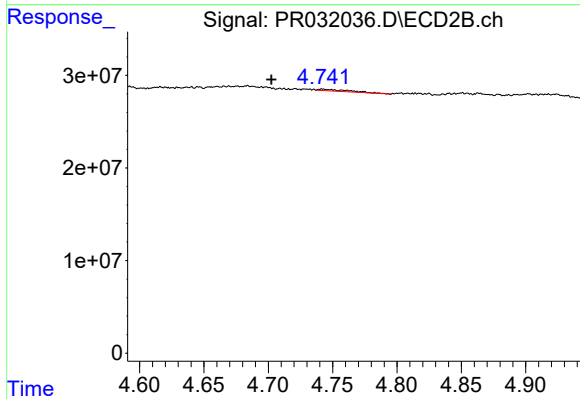
#3 AR-1016-1

R.T.: 4.251 min
Delta R.T.: -0.051 min
Response: 4277623
Conc: 3.64 ng/ml



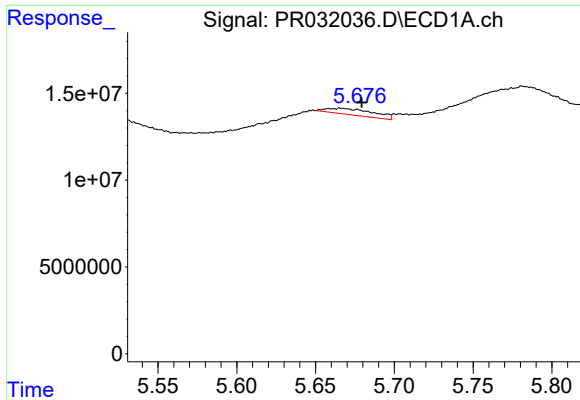
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.414 min
Response: 0
Conc: N.D.



#4 AR-1016-2

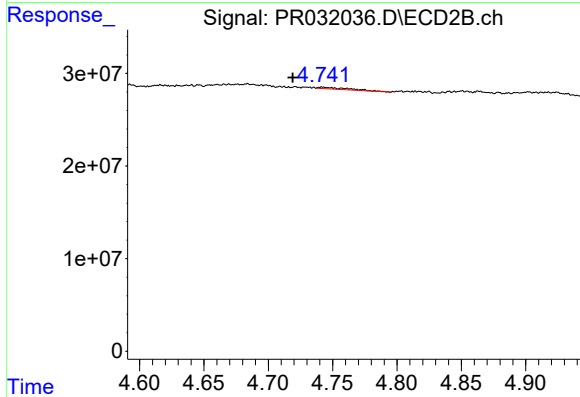
R.T.: 4.742 min
Delta R.T.: 0.040 min
Response: 2795430
Conc: 1.57 ng/ml



#5 AR-1016-3

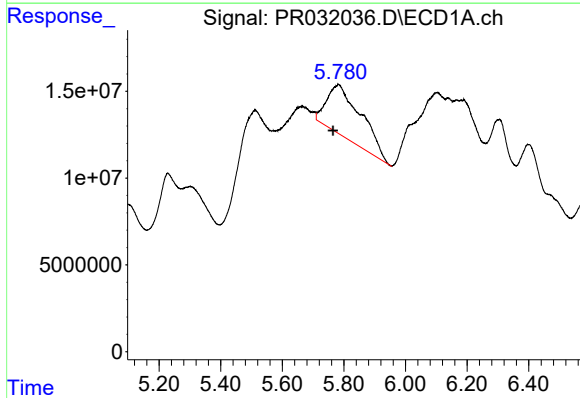
R.T.: 5.666 min
Delta R.T.: -0.013 min
Response: 7351172
Conc: 8.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



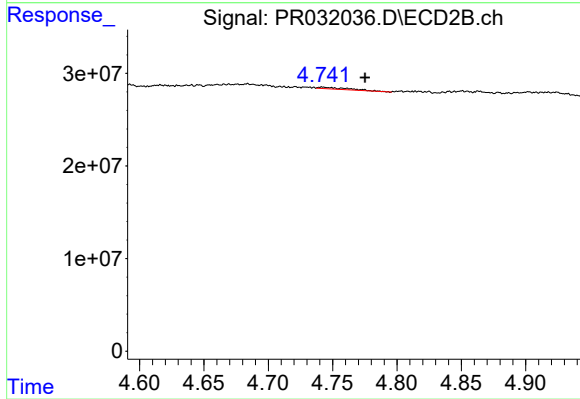
#5 AR-1016-3

R.T.: 4.742 min
Delta R.T.: 0.023 min
Response: 2795430
Conc: 0.88 ng/ml



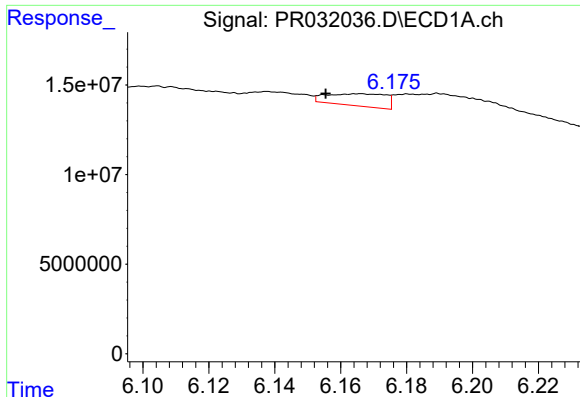
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.017 min
Response: 226033296
Conc: 292.10 ng/ml



#6 AR-1016-4

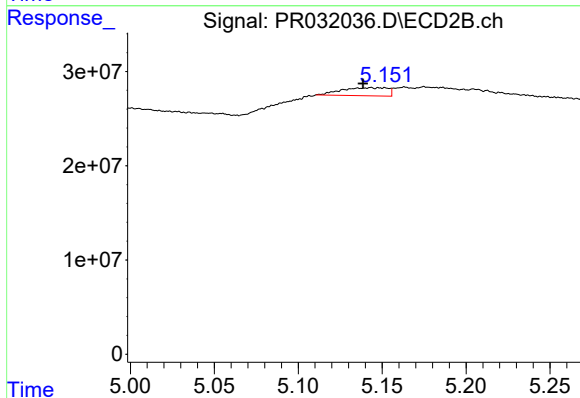
R.T.: 4.742 min
Delta R.T.: -0.033 min
Response: 2795430
Conc: 1.56 ng/ml



#7 AR-1016-5

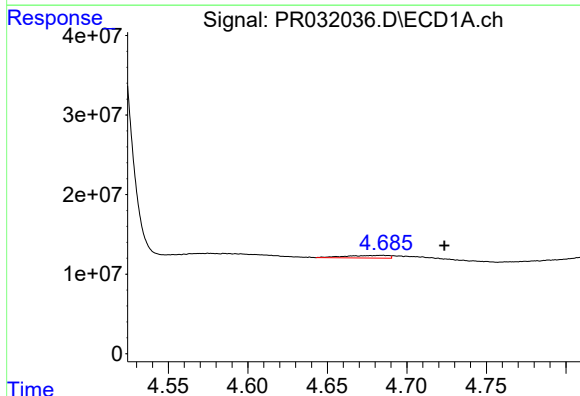
R.T.: 6.166 min
Delta R.T.: 0.010 min
Response: 8382350
Conc: 12.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



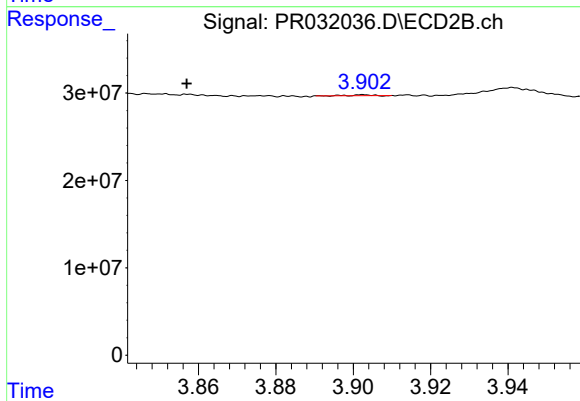
#7 AR-1016-5

R.T.: 5.143 min
Delta R.T.: 0.004 min
Response: 16479101
Conc: 9.64 ng/ml



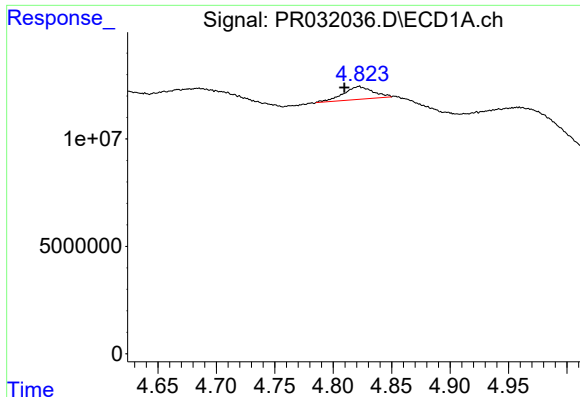
#8 AR-1221-1

R.T.: 4.684 min
Delta R.T.: -0.039 min
Response: 6333021
Conc: 25.85 ng/ml



#8 AR-1221-1

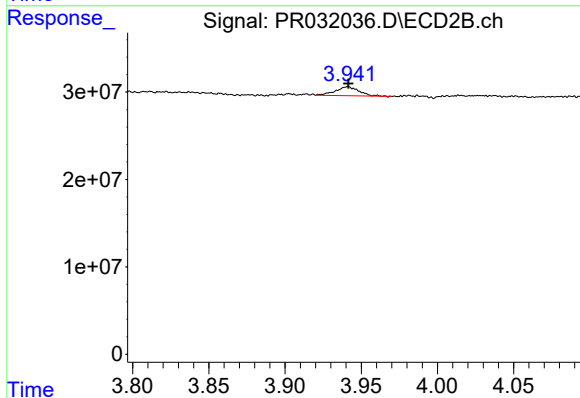
R.T.: 3.903 min
Delta R.T.: 0.046 min
Response: 252184
Conc: 0.57 ng/ml



#9 AR-1221-2

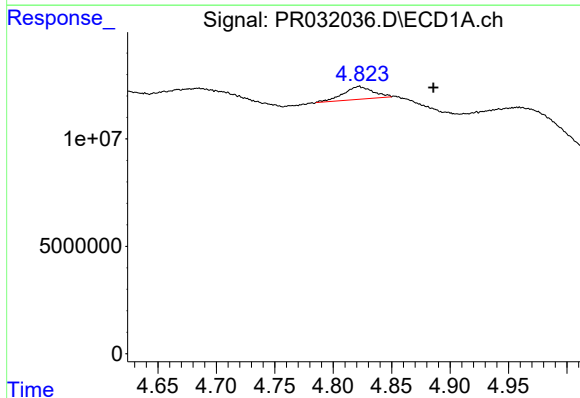
R.T.: 4.822 min
Delta R.T.: 0.013 min
Response: 10611618
Conc: 58.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



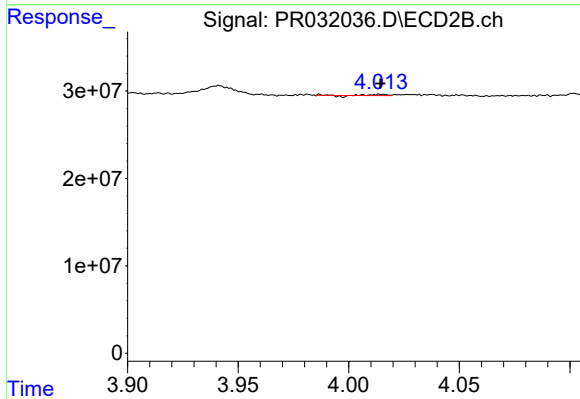
#9 AR-1221-2

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 10794033
Conc: 32.74 ng/ml



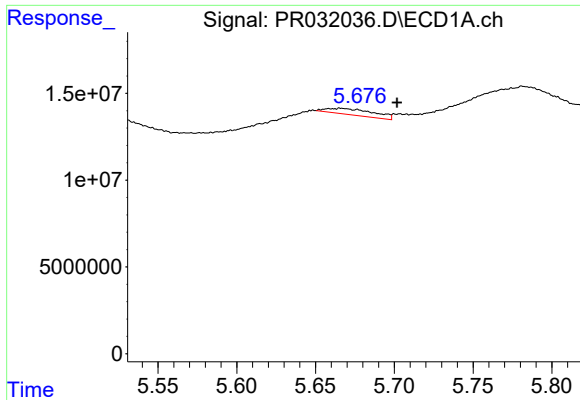
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: -0.064 min
Response: 10611618
Conc: 18.44 ng/ml



#10 AR-1221-3

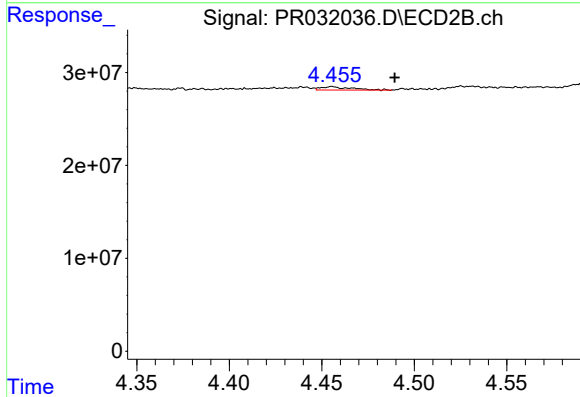
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 347990
Conc: 0.32 ng/ml



#11 AR-1232-1

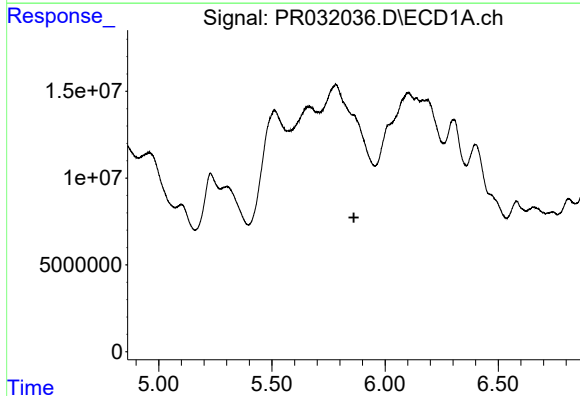
R.T.: 5.666 min
Delta R.T.: -0.035 min
Response: 7351172
Conc: 14.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



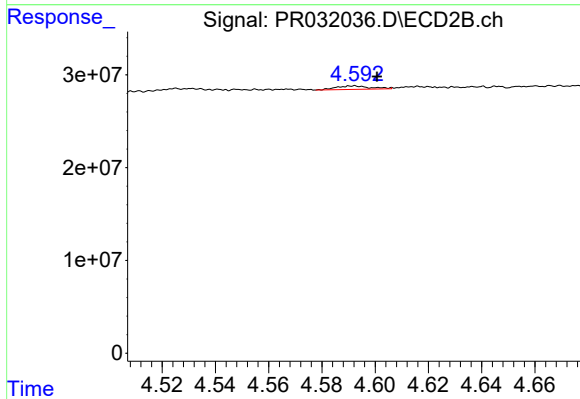
#11 AR-1232-1

R.T.: 4.456 min
Delta R.T.: -0.034 min
Response: 4273074
Conc: 7.45 ng/ml



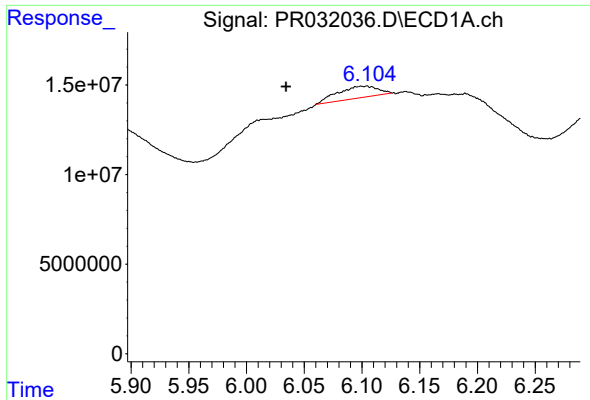
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

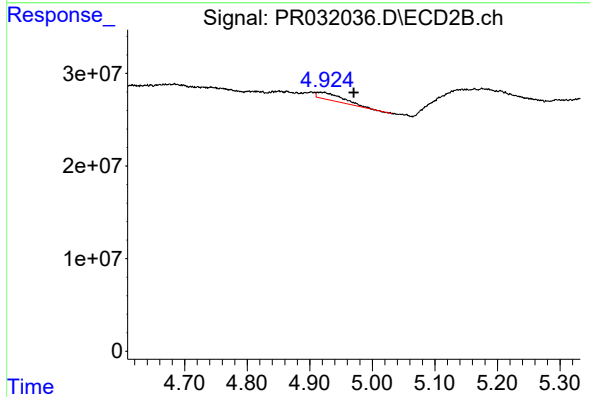
R.T.: 4.592 min
Delta R.T.: -0.009 min
Response: 3310640
Conc: 16.99 ng/ml



#13 AR-1232-3

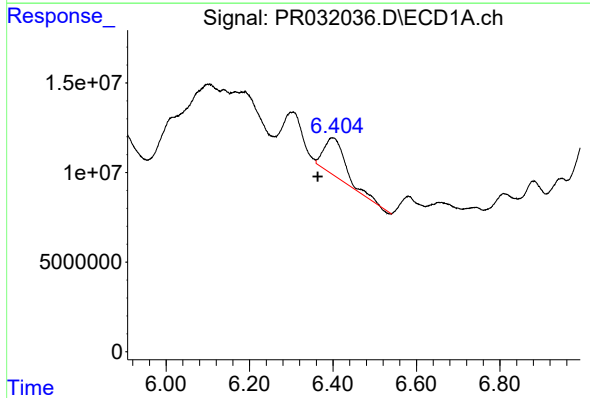
R.T.: 6.104 min
Delta R.T.: 0.070 min
Response: 15921232
Conc: 227.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



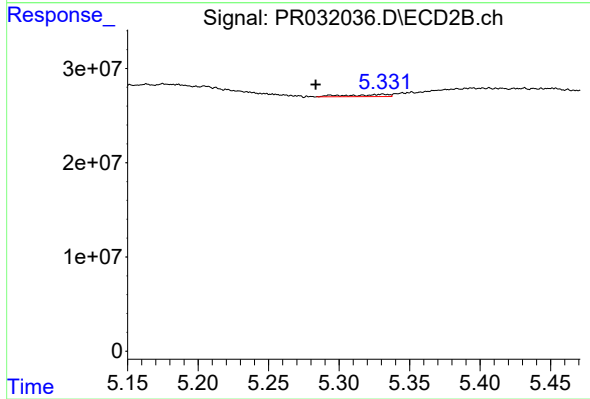
#13 AR-1232-3

R.T.: 4.924 min
Delta R.T.: -0.047 min
Response: 21331479
Conc: 37.25 ng/ml



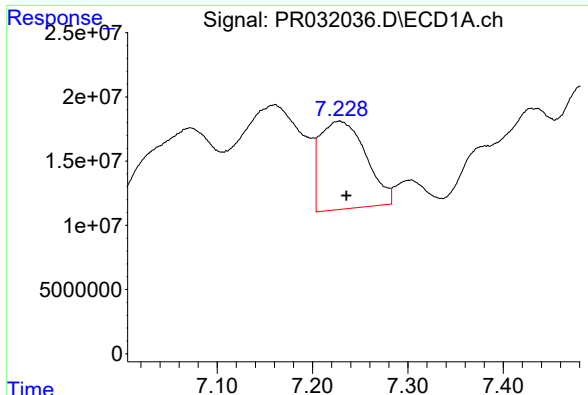
#14 AR-1232-4

R.T.: 6.397 min
Delta R.T.: 0.034 min
Response: 71931238
Conc: 1021.92 ng/ml



#14 AR-1232-4

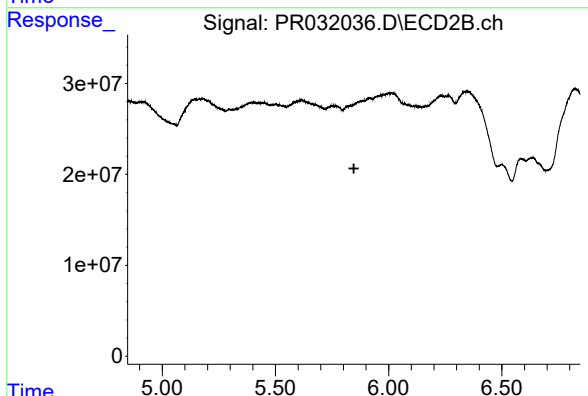
R.T.: 5.331 min
Delta R.T.: 0.048 min
Response: 4502864
Conc: 6.06 ng/ml



#15 AR-1232-5

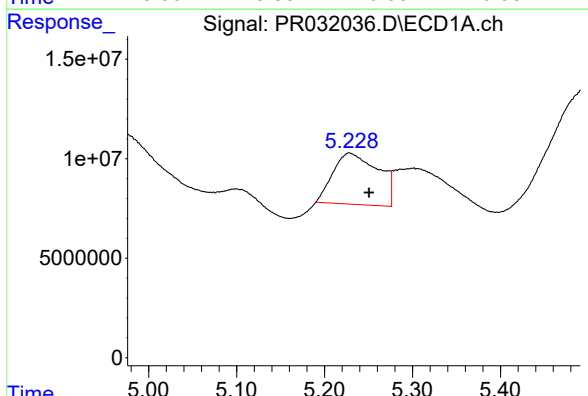
R.T.: 7.228 min
Delta R.T.: -0.007 min
Response: 227513756
Conc: 4642.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



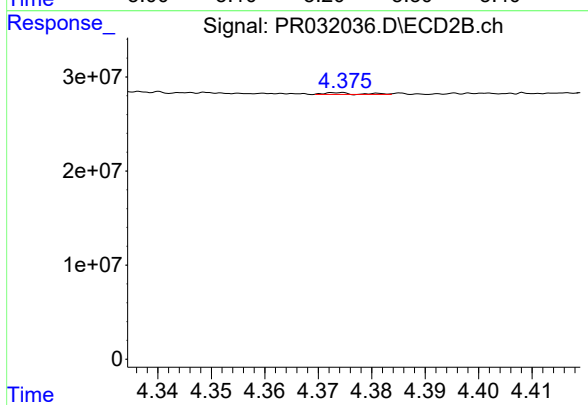
#15 AR-1232-5

R.T.: 5.875 min
Delta R.T.: 0.028 min
Response: -6611325
Conc: N.D.



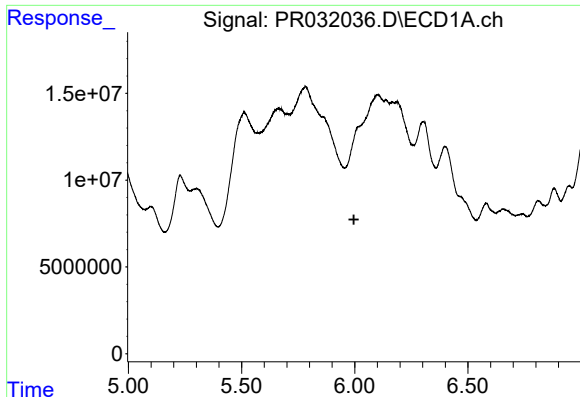
#16 AR-1242-1

R.T.: 5.228 min
Delta R.T.: -0.023 min
Response: 92036011
Conc: 348.66 ng/ml



#16 AR-1242-1

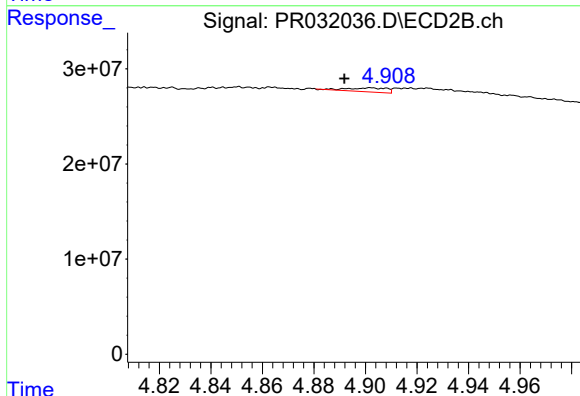
R.T.: 4.374 min
Delta R.T.: 0.053 min
Response: 754284
Conc: 1.27 ng/ml



#17 AR-1242-2

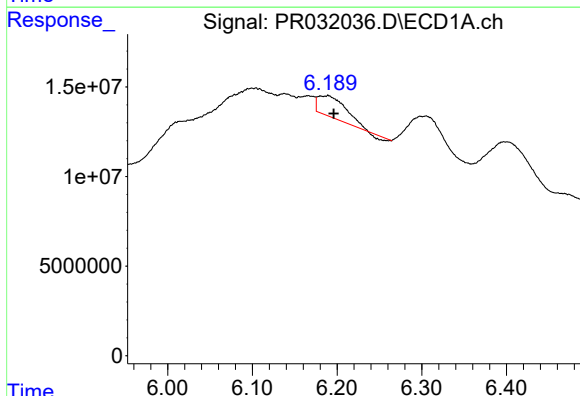
R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



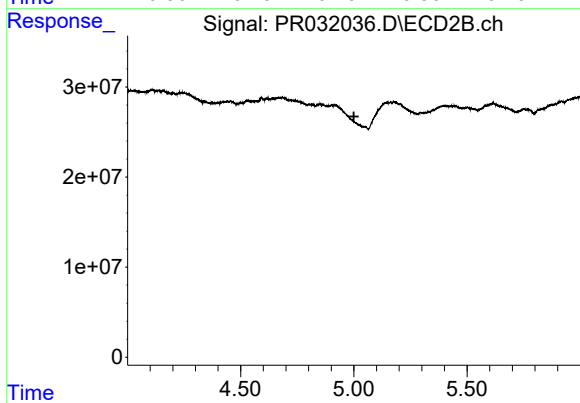
#17 AR-1242-2

R.T.: 4.902 min
Delta R.T.: 0.010 min
Response: 4576348
Conc: 3.73 ng/ml



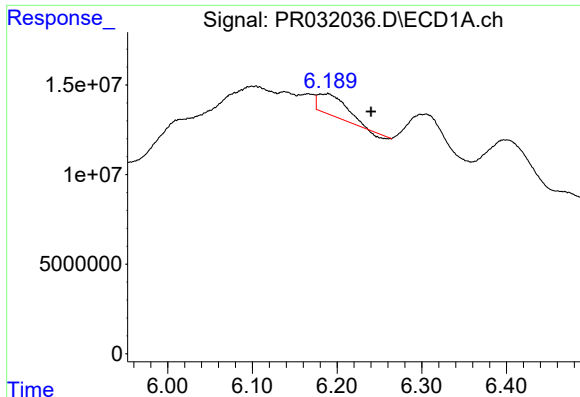
#18 AR-1242-3

R.T.: 6.190 min
Delta R.T.: -0.006 min
Response: 25350769
Conc: 109.37 ng/ml



#18 AR-1242-3

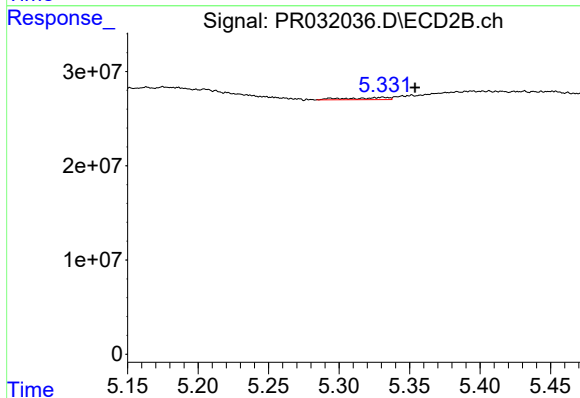
R.T.: 0.000 min
Exp R.T.: 5.000 min
Response: 0
Conc: N.D.



#19 AR-1242-4

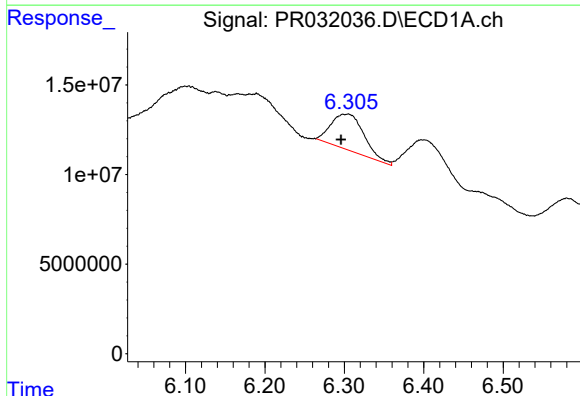
R.T.: 6.190 min
Delta R.T.: -0.051 min
Response: 25350769
Conc: 146.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



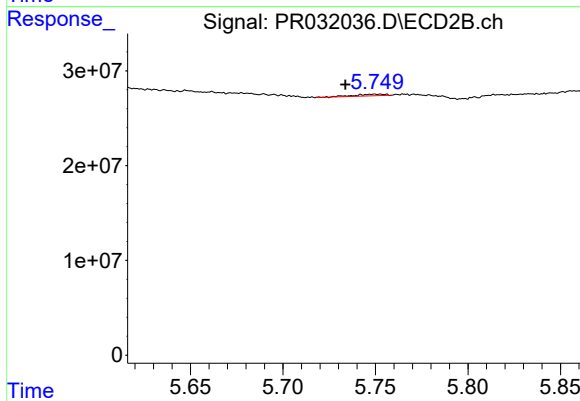
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: -0.023 min
Response: 4502864
Conc: 11.48 ng/ml



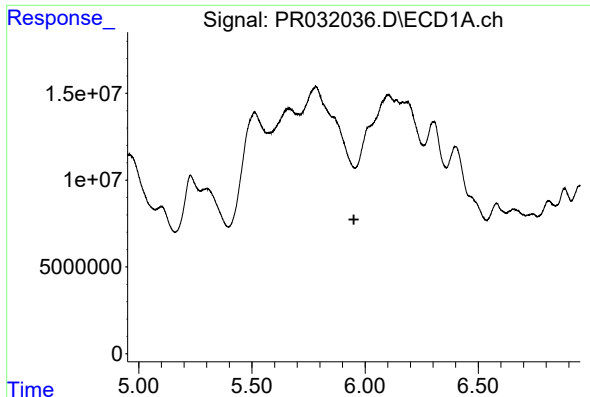
#20 AR-1242-5

R.T.: 6.305 min
Delta R.T.: 0.009 min
Response: 57097892
Conc: 95.71 ng/ml



#20 AR-1242-5

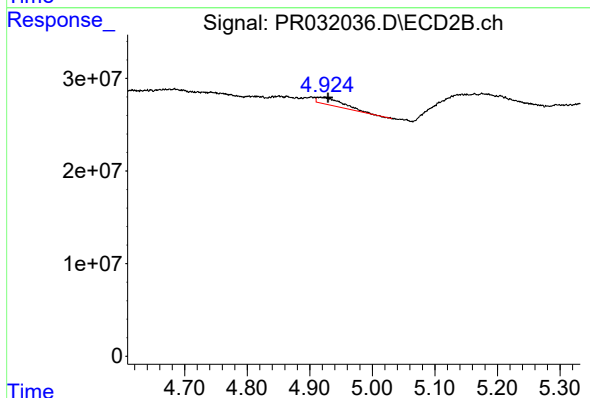
R.T.: 5.750 min
Delta R.T.: 0.016 min
Response: 2022259
Conc: 2.32 ng/ml



#21 AR-1248-1

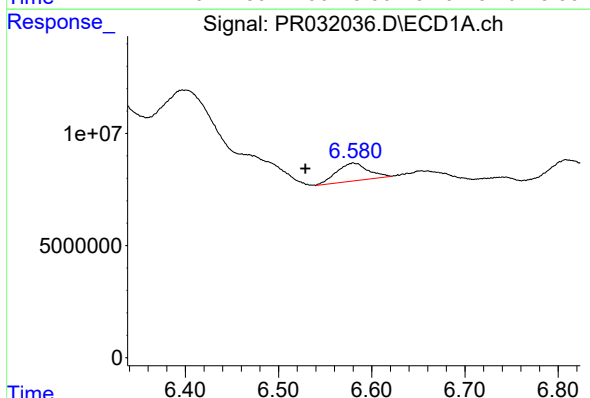
R.T.: 0.000 min
Exp R.T.: 5.951 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



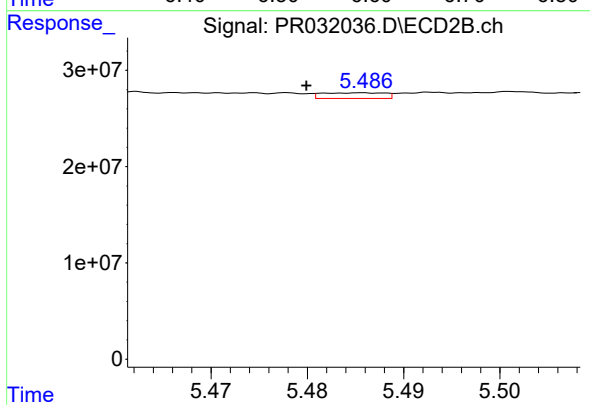
#21 AR-1248-1

R.T.: 4.924 min
Delta R.T.: -0.006 min
Response: 21331479
Conc: 12.49 ng/ml



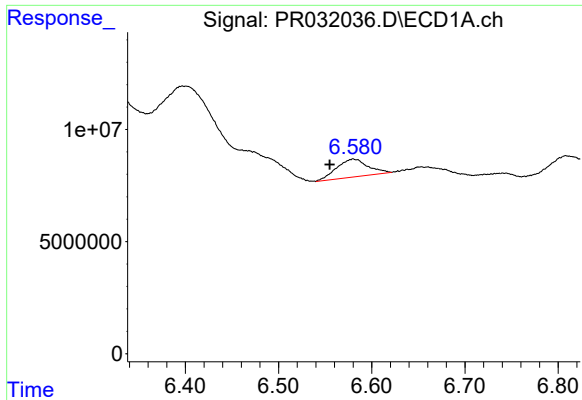
#22 AR-1248-2

R.T.: 6.580 min
Delta R.T.: 0.051 min
Response: 18711302
Conc: 23.41 ng/ml



#22 AR-1248-2

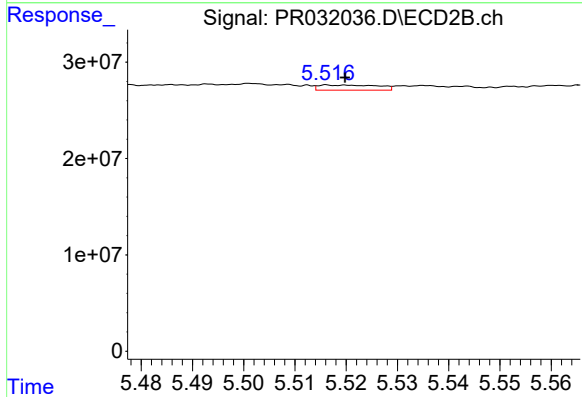
R.T.: 5.486 min
Delta R.T.: 0.006 min
Response: 2634758
Conc: 0.76 ng/ml



#23 AR-1248-3

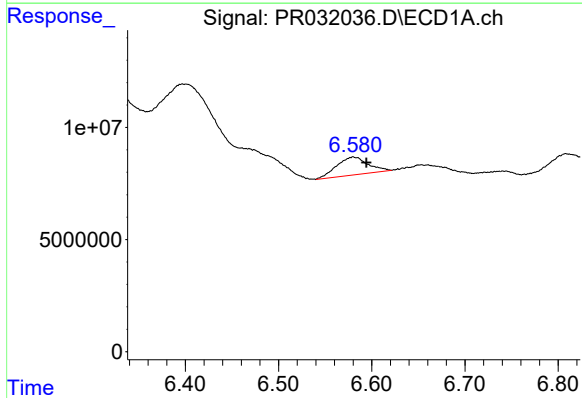
R.T.: 6.580 min
Delta R.T.: 0.025 min
Response: 18711302
Conc: 17.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



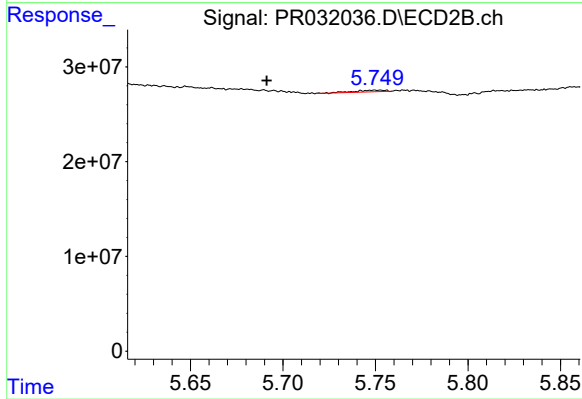
#23 AR-1248-3

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 4212731
Conc: 1.71 ng/ml



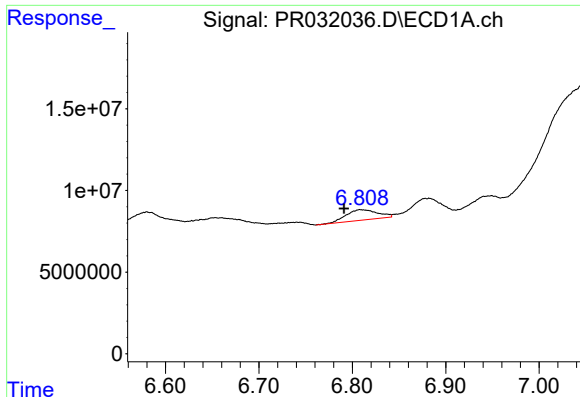
#24 AR-1248-4

R.T.: 6.580 min
Delta R.T.: -0.015 min
Response: 18711302
Conc: 18.47 ng/ml



#24 AR-1248-4

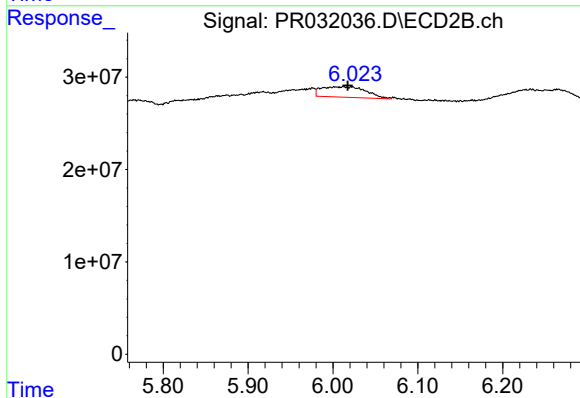
R.T.: 5.750 min
Delta R.T.: 0.059 min
Response: 2022259
Conc: 0.82 ng/ml



#25 AR-1248-5

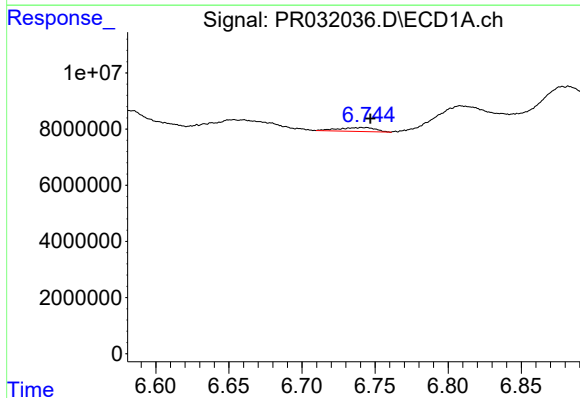
R.T.: 6.809 min
Delta R.T.: 0.017 min
Response: 14948735
Conc: 22.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



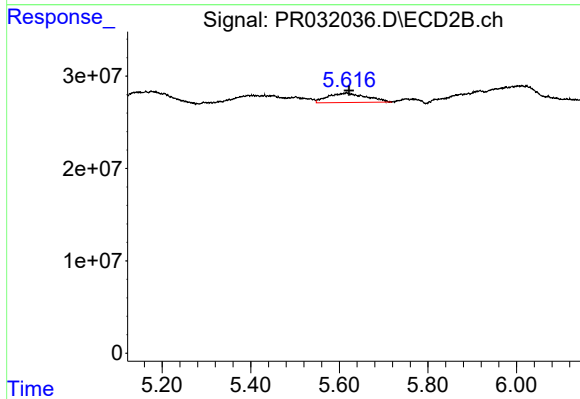
#25 AR-1248-5

R.T.: 6.003 min
Delta R.T.: -0.014 min
Response: 41320489
Conc: 25.89 ng/ml



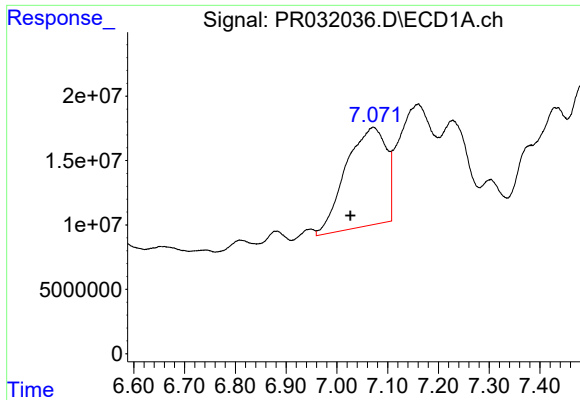
#26 AR-1254-1

R.T.: 6.741 min
Delta R.T.: -0.006 min
Response: 2425901
Conc: 1.29 ng/ml



#26 AR-1254-1

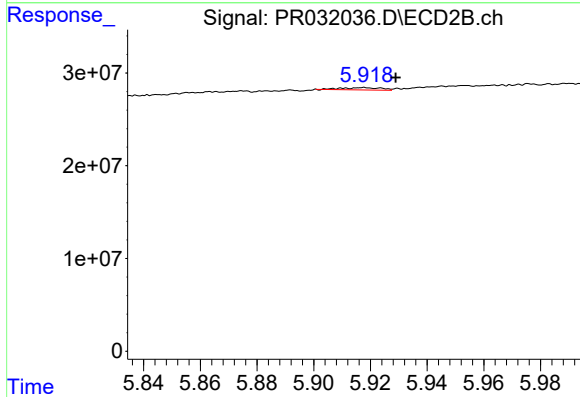
R.T.: 5.616 min
Delta R.T.: -0.006 min
Response: 61238795
Conc: 16.28 ng/ml



#27 AR-1254-2

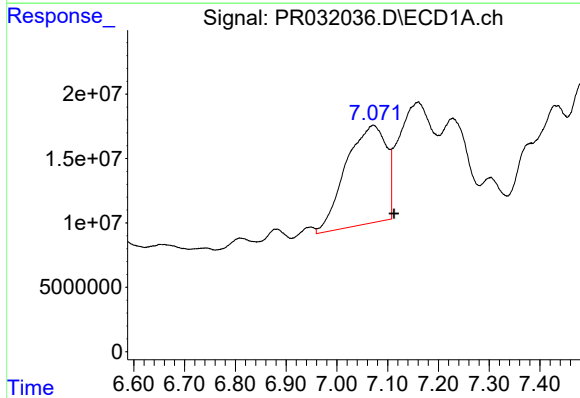
R.T.: 7.072 min
Delta R.T.: 0.045 min
Response: 422401769
Conc: 360.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



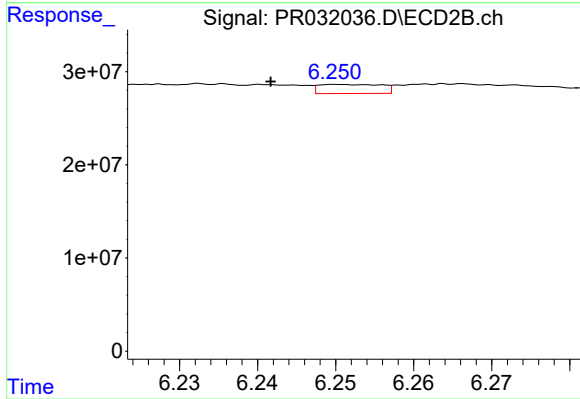
#27 AR-1254-2

R.T.: 5.917 min
Delta R.T.: -0.011 min
Response: 2440342
Conc: 0.85 ng/ml



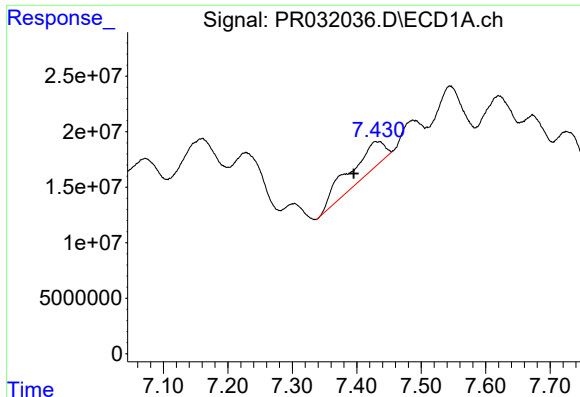
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: -0.041 min
Response: 422401769
Conc: 202.80 ng/ml



#28 AR-1254-3

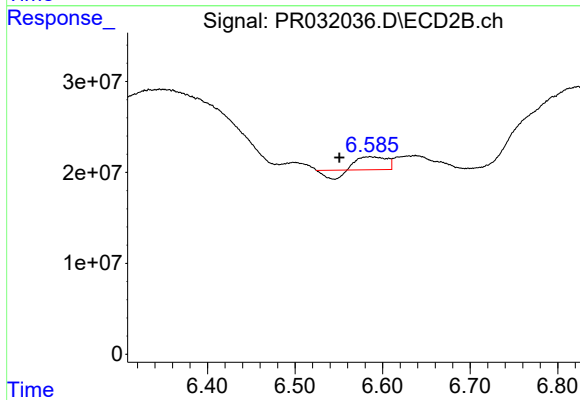
R.T.: 6.251 min
Delta R.T.: 0.009 min
Response: 5452410
Conc: 1.21 ng/ml



#29 AR-1254-4

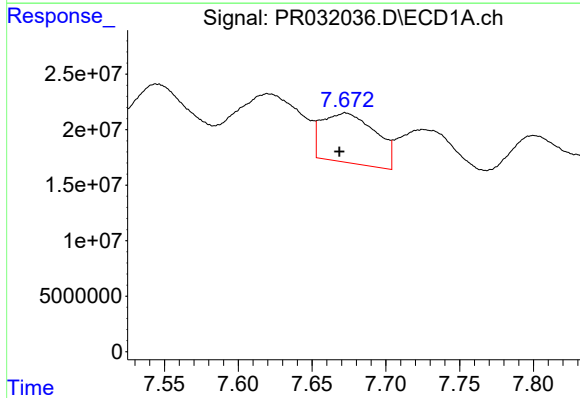
R.T.: 7.429 min
Delta R.T.: 0.034 min
Response: 98260737
Conc: 60.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



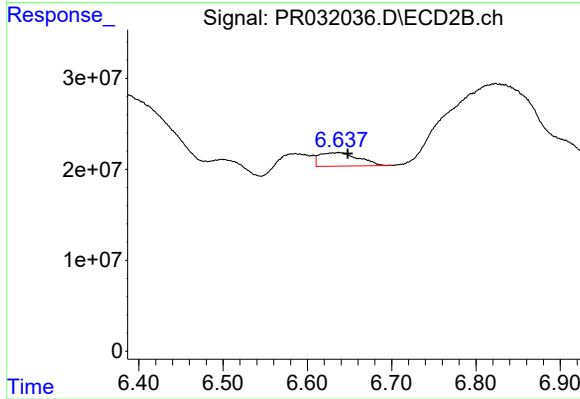
#29 AR-1254-4

R.T.: 6.586 min
Delta R.T.: 0.035 min
Response: 24256214
Conc: 11.17 ng/ml



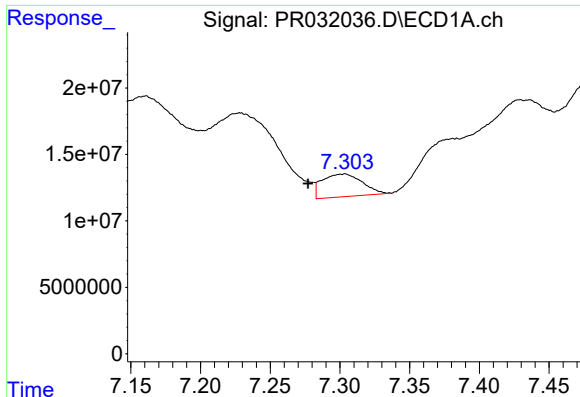
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: 0.004 min
Response: 112979024
Conc: 98.65 ng/ml



#30 AR-1254-5

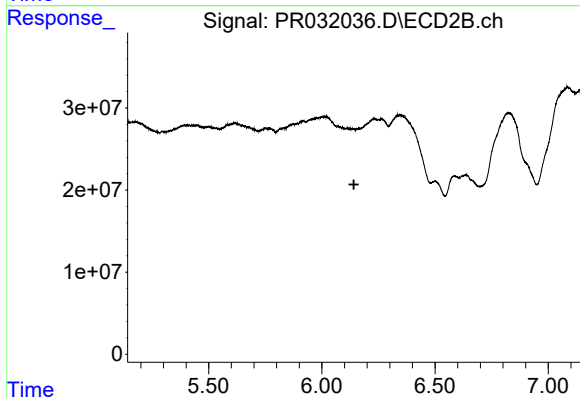
R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 47373769
Conc: 12.02 ng/ml



#31 AR-1260-1

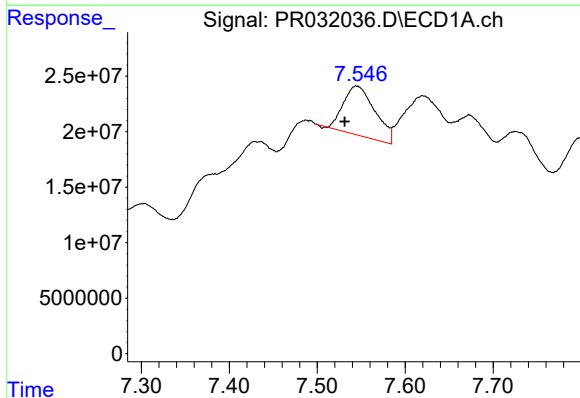
R.T.: 7.303 min
Delta R.T.: 0.026 min
Response: 34412161
Conc: 26.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



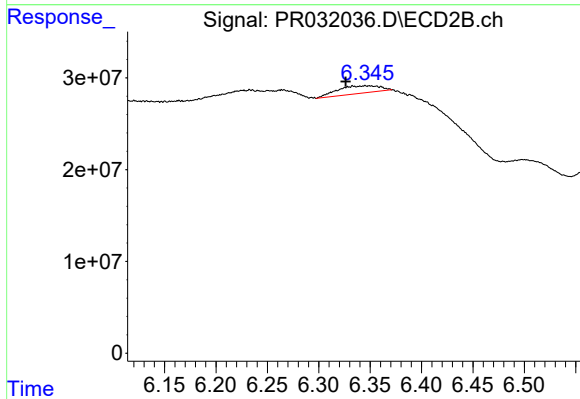
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.142 min
Response: 0
Conc: N.D.



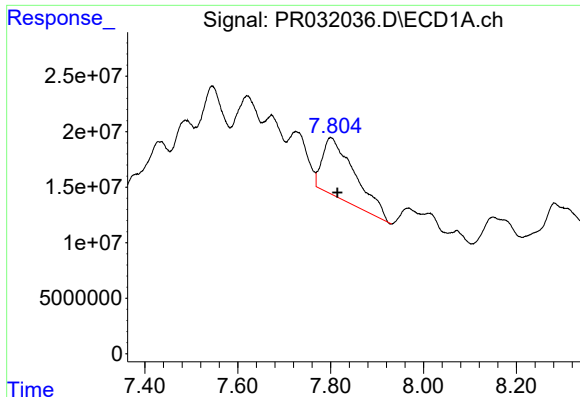
#32 AR-1260-2

R.T.: 7.545 min
Delta R.T.: 0.014 min
Response: 110958553
Conc: 69.41 ng/ml



#32 AR-1260-2

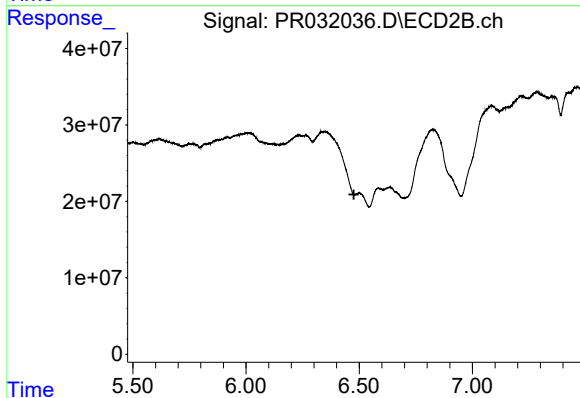
R.T.: 6.346 min
Delta R.T.: 0.019 min
Response: 23524949
Conc: 5.54 ng/ml



#33 AR-1260-3

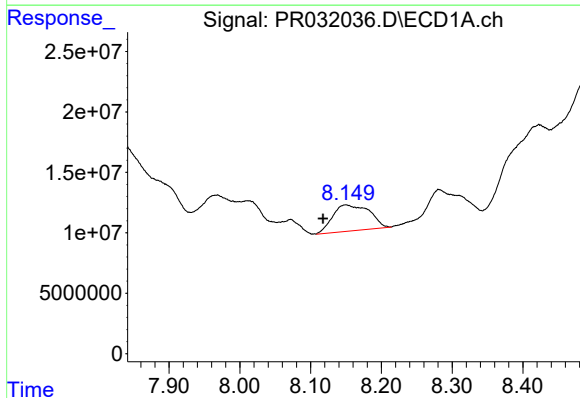
R.T.: 7.800 min
Delta R.T.: -0.014 min
Response: 256089712
Conc: 148.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



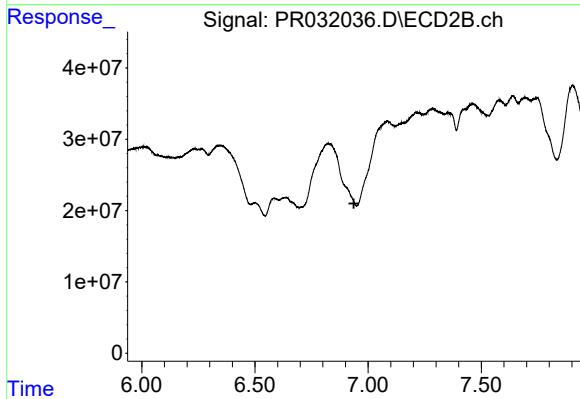
#33 AR-1260-3

R.T.: 6.498 min
Delta R.T.: 0.022 min
Response: -12250858
Conc: N.D.



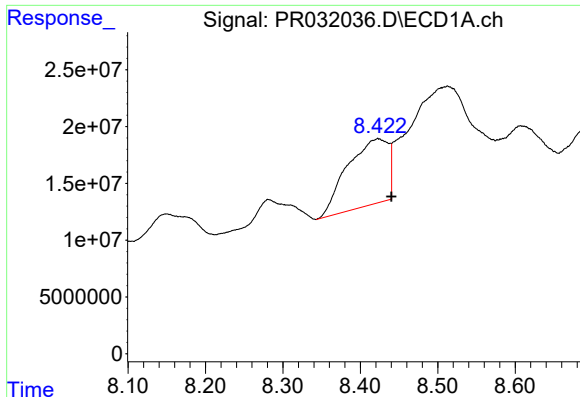
#34 AR-1260-4

R.T.: 8.150 min
Delta R.T.: 0.032 min
Response: 77445921
Conc: 64.78 ng/ml



#34 AR-1260-4

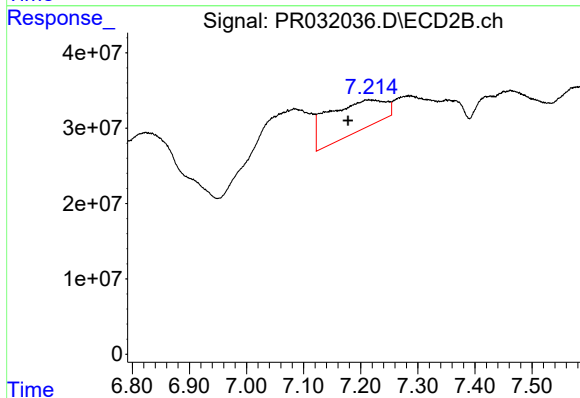
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

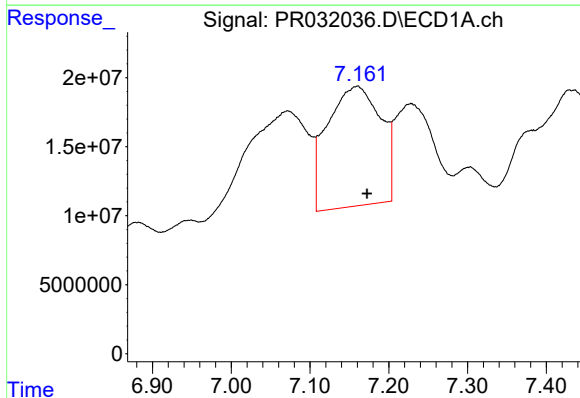
R.T.: 8.423 min
Delta R.T.: -0.017 min
Response: 213737475
Conc: 79.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



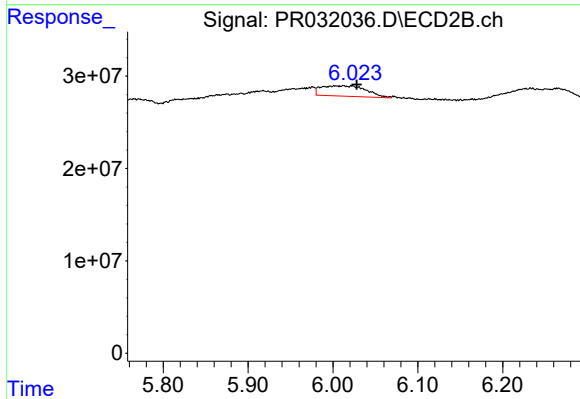
#35 AR-1260-5

R.T.: 7.214 min
Delta R.T.: 0.036 min
Response: 286609340
Conc: 65.01 ng/ml



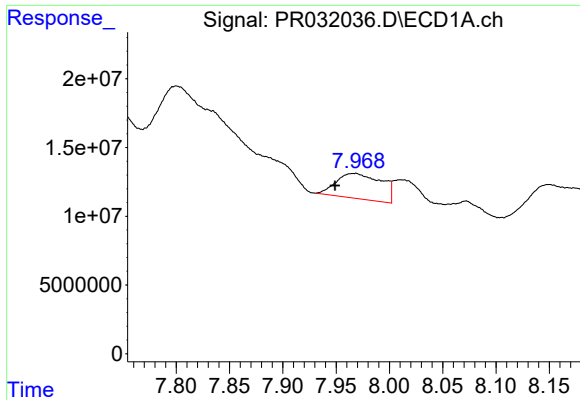
#36 AR-1262-1

R.T.: 7.160 min
Delta R.T.: -0.012 min
Response: 408456909
Conc: 585.62 ng/ml



#36 AR-1262-1

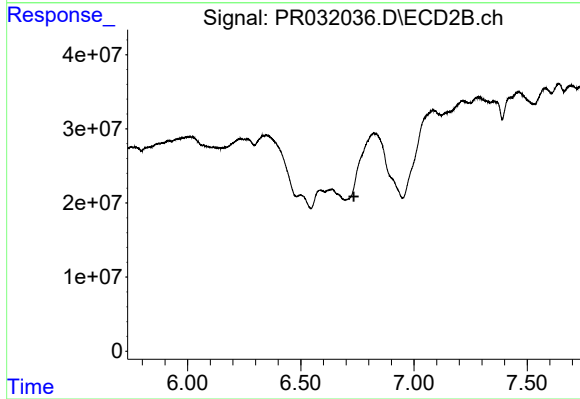
R.T.: 6.003 min
Delta R.T.: -0.025 min
Response: 41320489
Conc: 23.45 ng/ml



#37 AR-1262-2

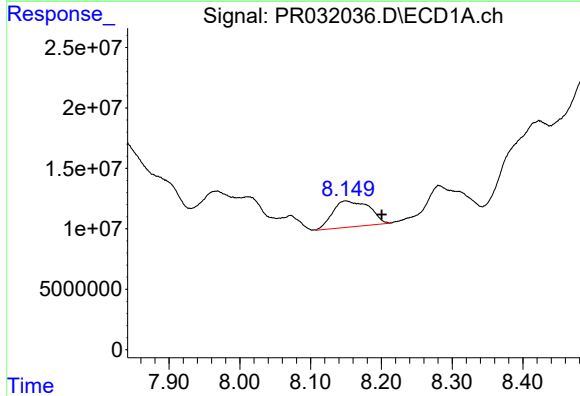
R.T.: 7.968 min
Delta R.T.: 0.019 min
Response: 54147207
Conc: 90.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



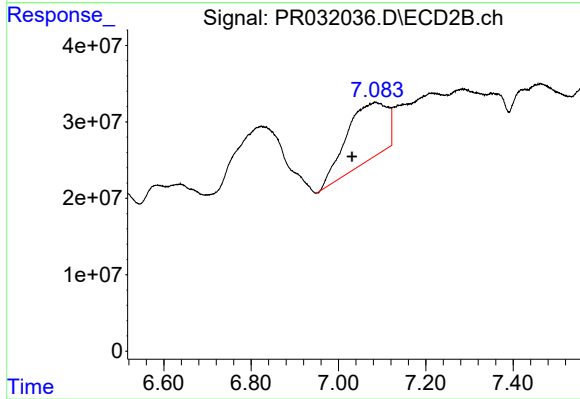
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.734 min
Response: 0
Conc: N.D.



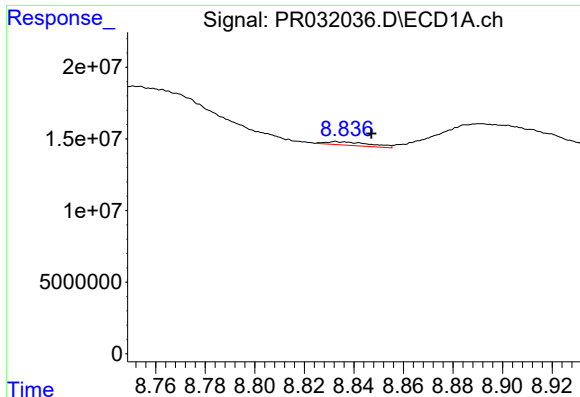
#38 AR-1262-3

R.T.: 8.150 min
Delta R.T.: -0.051 min
Response: 77445921
Conc: 156.11 ng/ml



#38 AR-1262-3

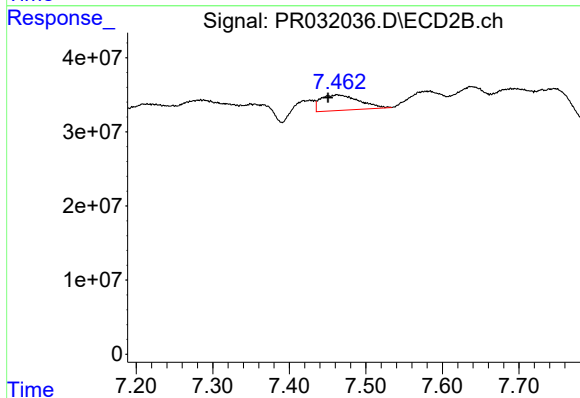
R.T.: 7.084 min
Delta R.T.: 0.053 min
Response: 486692523
Conc: 417.64 ng/ml



#39 AR-1262-4

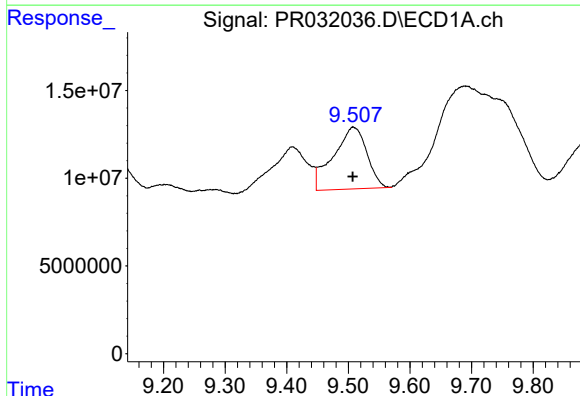
R.T.: 8.833 min
Delta R.T.: -0.014 min
Response: 3013196
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



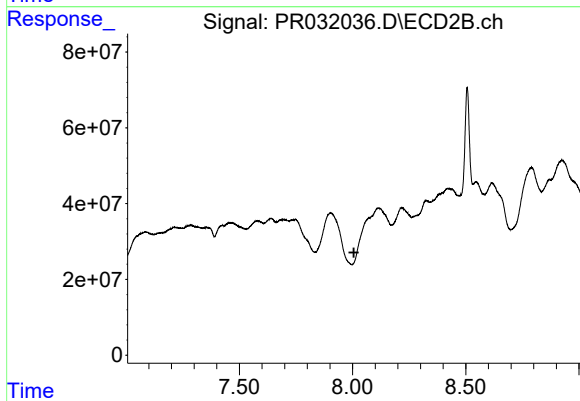
#39 AR-1262-4

R.T.: 7.462 min
Delta R.T.: 0.012 min
Response: 72750187
Conc: 48.90 ng/ml



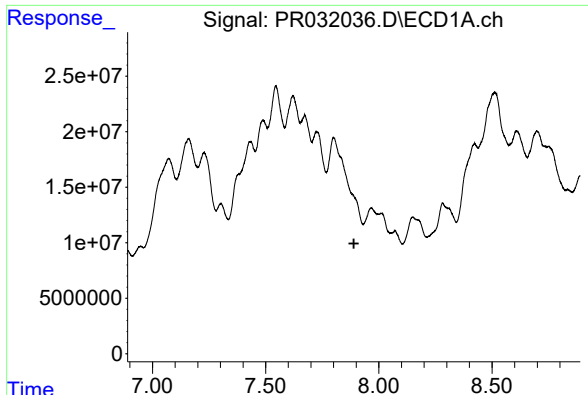
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 132703285
Conc: 120.58 ng/ml



#40 AR-1262-5

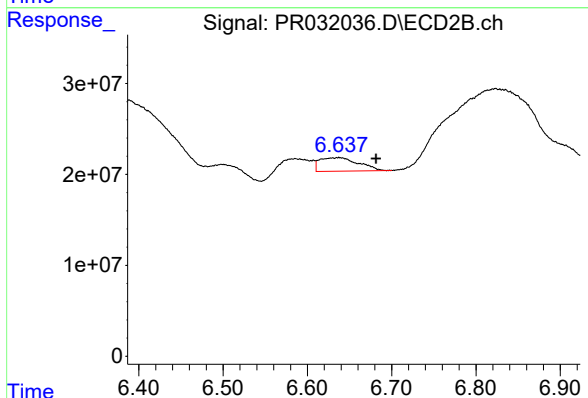
R.T.: 0.000 min
Exp R.T.: 8.006 min
Response: 0
Conc: N.D.



#41 AR-1268-1

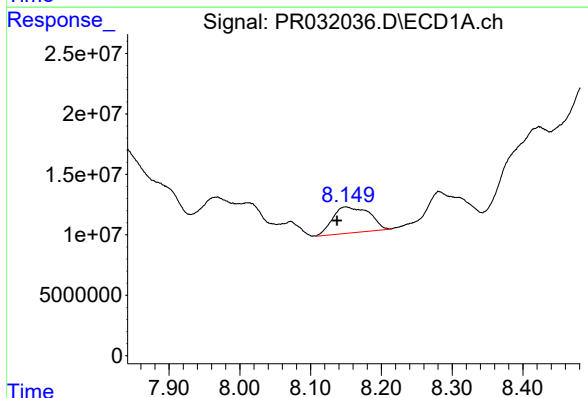
R.T.: 0.000 min
Exp R.T.: 7.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



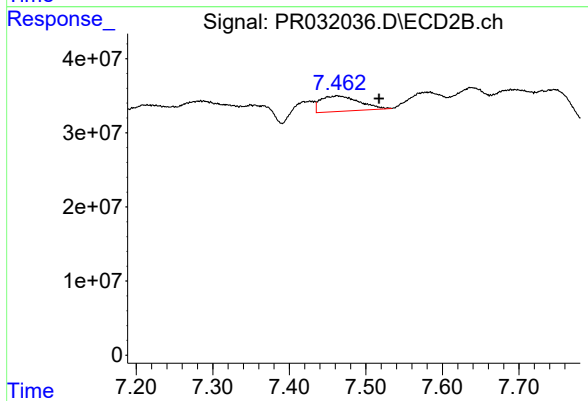
#41 AR-1268-1

R.T.: 6.637 min
Delta R.T.: -0.044 min
Response: 47373769
Conc: 30.85 ng/ml



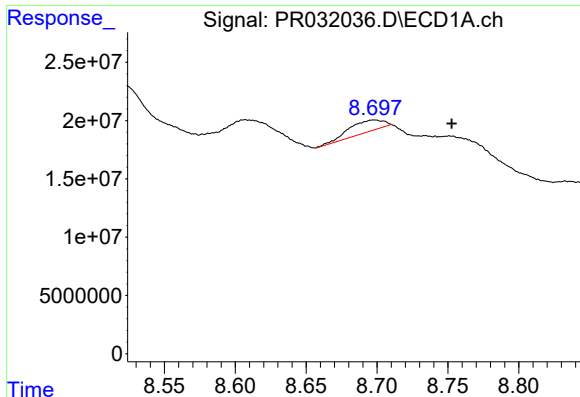
#42 AR-1268-2

R.T.: 8.150 min
Delta R.T.: 0.012 min
Response: 77445921
Conc: 88.03 ng/ml



#42 AR-1268-2

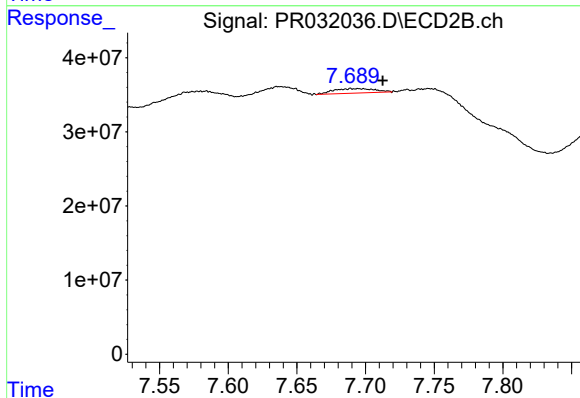
R.T.: 7.462 min
Delta R.T.: -0.055 min
Response: 72750187
Conc: 20.79 ng/ml



#43 AR-1268-3

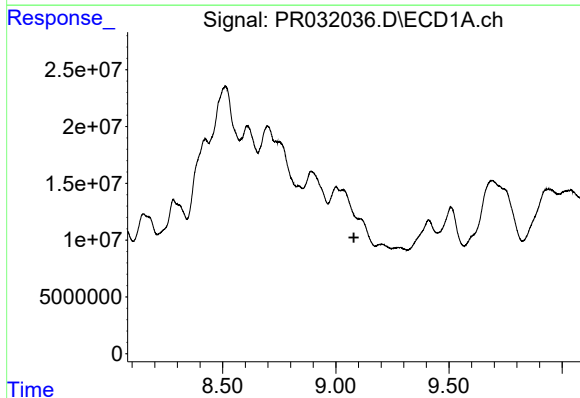
R.T.: 8.698 min
Delta R.T.: -0.055 min
Response: 16509794
Conc: 4.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



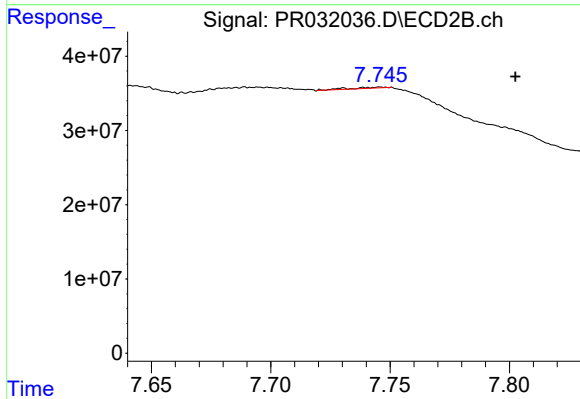
#43 AR-1268-3

R.T.: 7.690 min
Delta R.T.: -0.023 min
Response: 12669449
Conc: 4.48 ng/ml



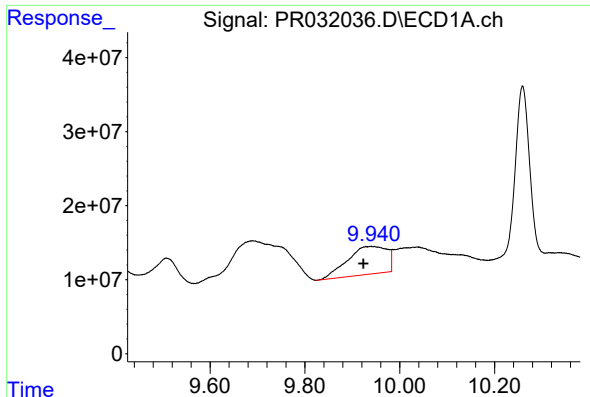
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.080 min
Response: 0
Conc: N.D.



#44 AR-1268-4

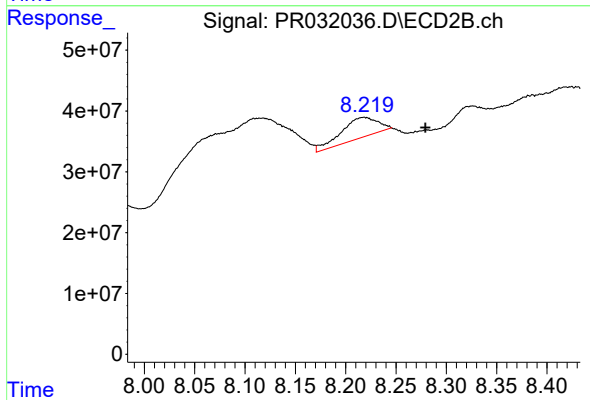
R.T.: 7.746 min
Delta R.T.: -0.056 min
Response: 1942747
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 9.939 min
Delta R.T.: 0.015 min
Response: 219444237
Conc: 23.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.218 min
Delta R.T.: -0.061 min
Response: 89408884
Conc: 12.62 ng/ml