

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041622\
 Data File : PP046191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2022 18:30
 Operator : YP\AJ
 Sample : N2431-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:21:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP041222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 12 05:31:12 2022
 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...	3.873	3.140	19197569	30433567	7.805	19.153 #
2)	SA Decachlor...	9.979	8.482	19202388	15029479	11.698	10.545
Target Compounds							
3)	L1 AR-1016-1	5.124	4.284	180.9E6	763421	2358.996	13.000 #
4)	L1 AR-1016-2	5.154	4.284	206.1E6	763421	1782.617	9.138 #
5)	L1 AR-1016-3	5.214	4.505f	149.7E6	-1252275	2173.091	N.D. #
6)	L1 AR-1016-4	5.319	4.548f	280.4E6	2255960	4764.336	63.219 #
8)	L2 AR-1221-1	4.092	3.365	18407567	10284668	706.585	506.263 #
9)	L2 AR-1221-2	4.190	3.458	487299	8593590	25.624	565.393 #
10)	L2 AR-1221-3	4.272	3.536	943164	9958186	15.344	215.777 #
11)	L3 AR-1232-1	4.272	3.536	943164	9958186	16.619	234.715 #
12)	L3 AR-1232-2	4.832	4.284	30875930	763421	1157.833	19.048 #
13)	L3 AR-1232-3	5.154	4.505f	206.1E6	-1252275	3829.539	N.D. #
14)	L3 AR-1232-4	5.319	4.578	280.4E6	1421160	10598.045	75.012 #
15)	L3 AR-1232-5	5.429	0.000	72472245	0	3931.628	N.D. #
16)	L4 AR-1242-1	5.124	4.284	180.9E6	763421	3026.291	16.500 #
17)	L4 AR-1242-2	5.154	4.284	206.1E6	763421	2296.313	11.773 #
18)	L4 AR-1242-3	5.214	4.505f	149.7E6	-1252275	2699.020	N.D. #
19)	L4 AR-1242-4	5.319	4.578	280.4E6	1421160	6177.790	42.279 #
20)	L4 AR-1242-5	0.000	5.124	0	64915394	N.D.	1478.096 #
21)	L5 AR-1248-1	5.124	4.284	180.9E6	763421	4192.638	22.262 #
22)	L5 AR-1248-2	5.429	4.548f	72472245	2255960	1212.281	48.156 #
23)	L5 AR-1248-3	0.000	4.578	0	1421160	N.D.	29.075 #
25)	L5 AR-1248-5	0.000	5.161	0	206.8E6	N.D.	3523.708 #
26)	L6 AR-1254-1	0.000	5.124	0	64915394	N.D.	735.930 #
27)	L6 AR-1254-2	6.275	0.000	1030877	0	8.371	N.D. #
28)	L6 AR-1254-3	6.699	5.740f	3473280	-21506	28.894	N.D. #
29)	L6 AR-1254-4	6.995	5.963	66362	434411	0.752	5.756 #
30)	L6 AR-1254-5	7.447f	6.417	1180440	10312480	12.601	100.656 #
31)	L7 AR-1260-1	6.863	5.848	190397	-72188	2.157	N.D. #
32)	L7 AR-1260-2	7.142	6.068	16437421	408041	160.450	4.359 #
33)	L7 AR-1260-3	7.542	6.224	327874	51030	3.980	0.576 #
34)	L7 AR-1260-4	7.791	6.736	451493	642415	5.328	8.946 #
35)	L7 AR-1260-5	8.131	7.008	113107	444827	0.689	2.619 #
36)	L8 AR-1262-1	7.542	6.456	327874	444069	2.850	4.199 #
37)	L8 AR-1262-2	8.131	6.736	113107	642415	0.631	6.823 #
38)	L8 AR-1262-3	8.466	7.318	205730	1146380	1.579	14.973 #
39)	L8 AR-1262-4	8.563	7.389	1434674	1409243	22.779	9.906 #
40)	L8 AR-1262-5	9.214	7.908	3656632	95298	53.554	1.360 #
41)	L9 AR-1268-1	8.466	7.318	205730	1146380	0.757	5.167 #
42)	L9 AR-1268-2	8.563	7.389	1434674	1409243	5.671	6.955
43)	L9 AR-1268-3	8.789	7.587	268875	320055	1.183	1.879 #

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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
44) L9	AR-1268-4	9.214f	7.908	3656632	95298	40.518	1.207 #
45) L9	AR-1268-5	9.632	8.228	1565617	393680	2.303	0.710 #

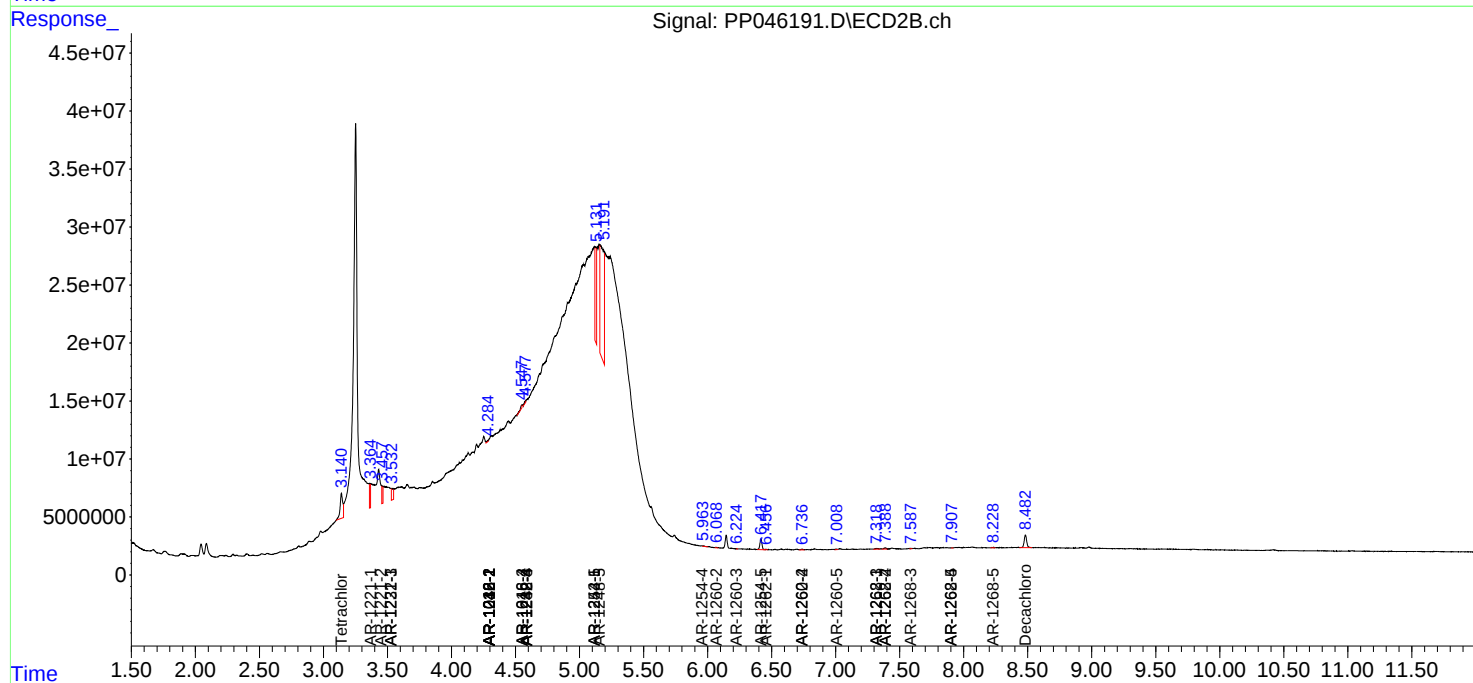
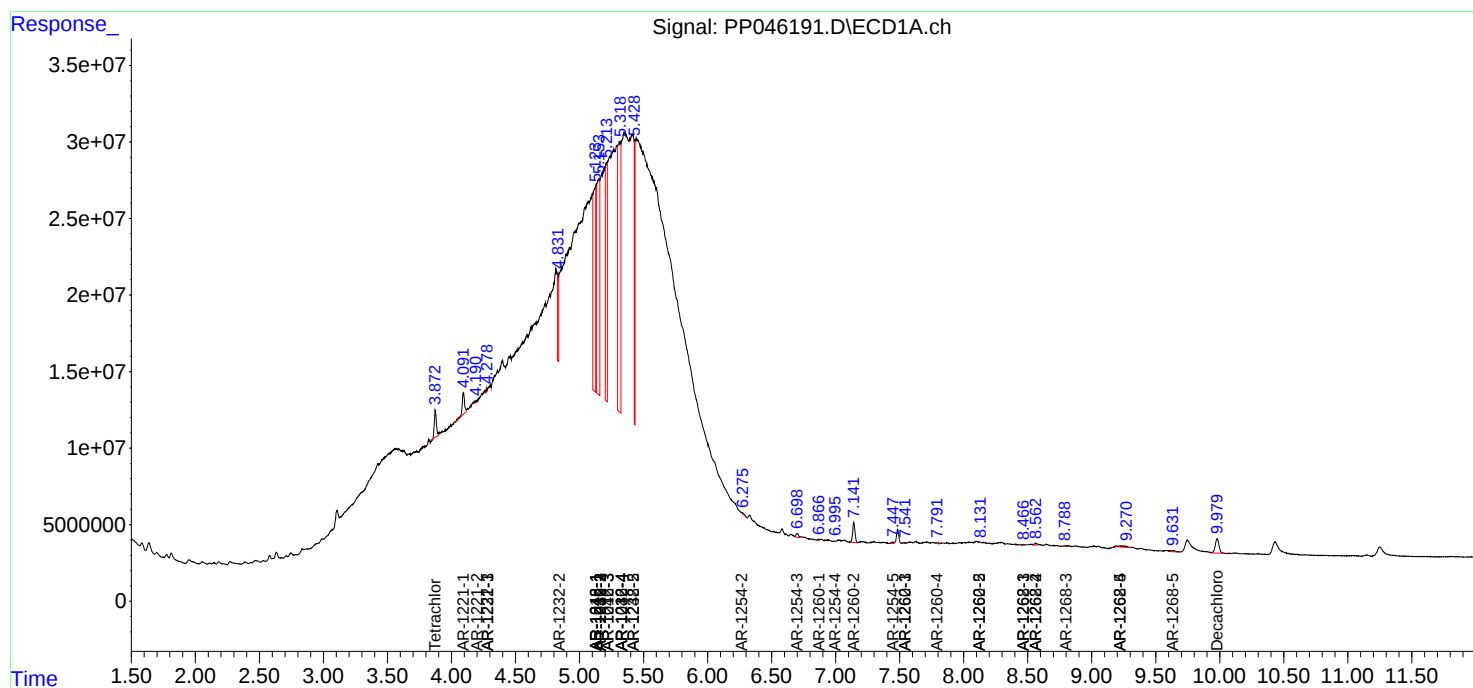
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

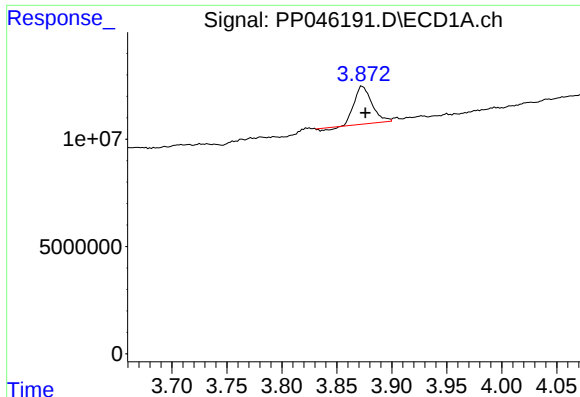
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041622\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

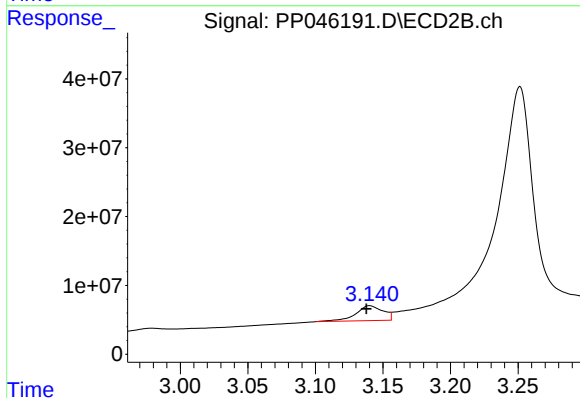




#1 Tetrachloro-m-xylene

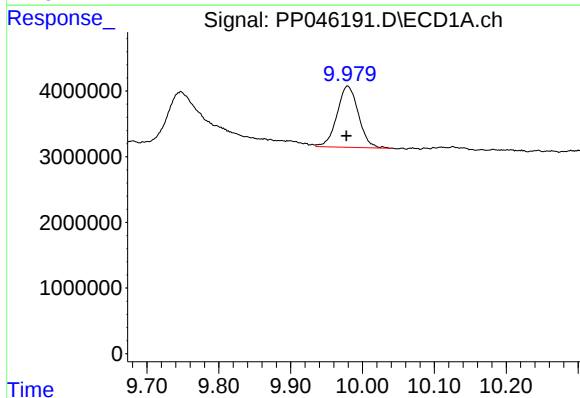
R.T.: 3.873 min
Delta R.T.: -0.003 min
Response: 19197569
Conc: 7.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



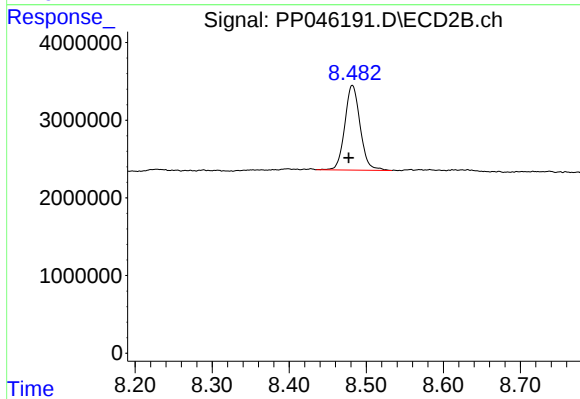
#1 Tetrachloro-m-xylene

R.T.: 3.140 min
Delta R.T.: 0.002 min
Response: 30433567
Conc: 19.15 ng/ml



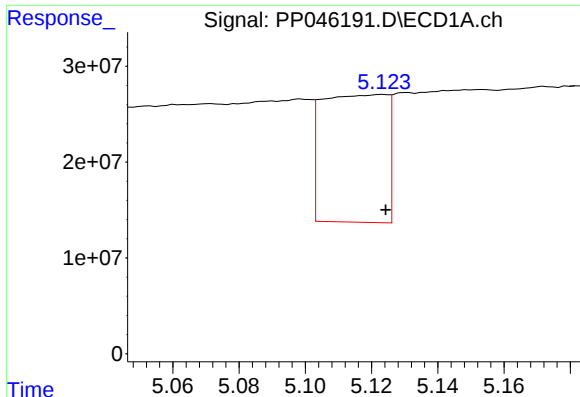
#2 Decachlorobiphenyl

R.T.: 9.979 min
Delta R.T.: 0.002 min
Response: 19202388
Conc: 11.70 ng/ml



#2 Decachlorobiphenyl

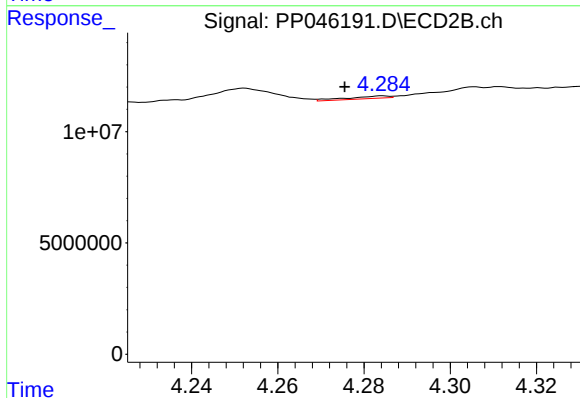
R.T.: 8.482 min
Delta R.T.: 0.005 min
Response: 15029479
Conc: 10.54 ng/ml



#3 AR-1016-1

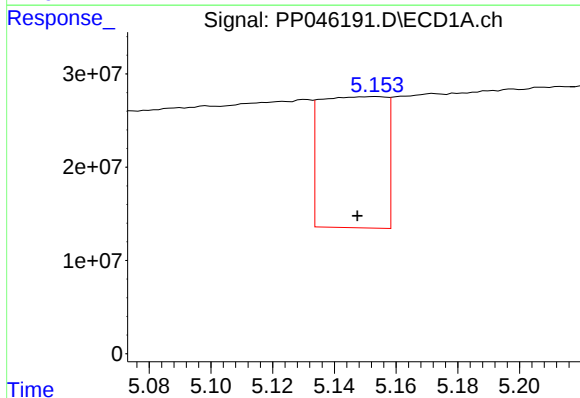
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 180864159
Conc: 2359.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



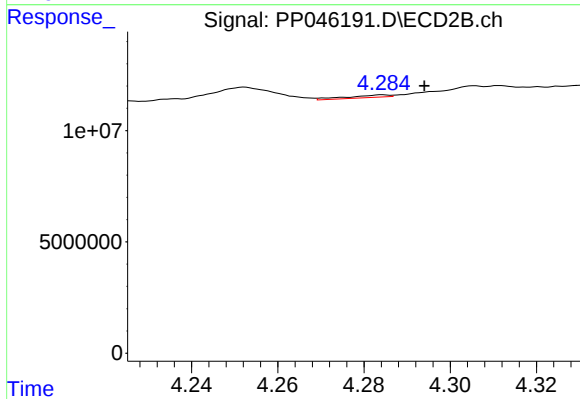
#3 AR-1016-1

R.T.: 4.284 min
Delta R.T.: 0.009 min
Response: 763421
Conc: 13.00 ng/ml



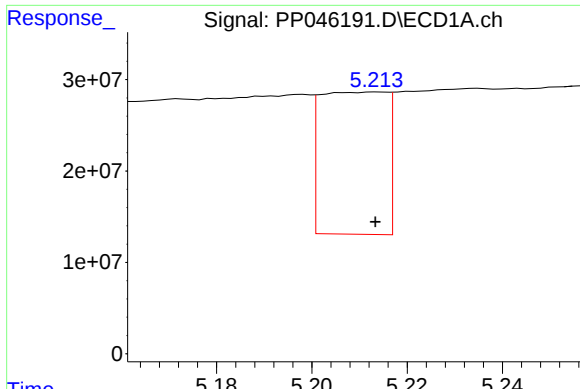
#4 AR-1016-2

R.T.: 5.154 min
Delta R.T.: 0.006 min
Response: 206137070
Conc: 1782.62 ng/ml



#4 AR-1016-2

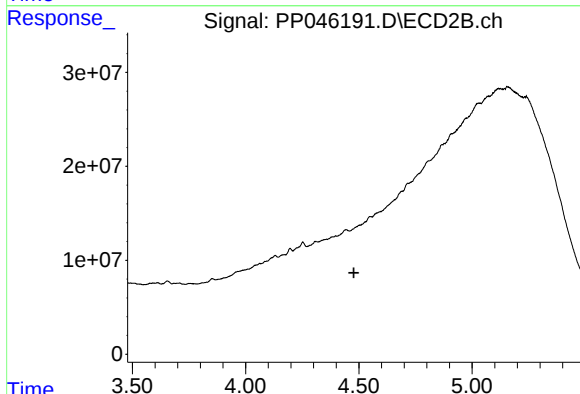
R.T.: 4.284 min
Delta R.T.: -0.010 min
Response: 763421
Conc: 9.14 ng/ml



#5 AR-1016-3

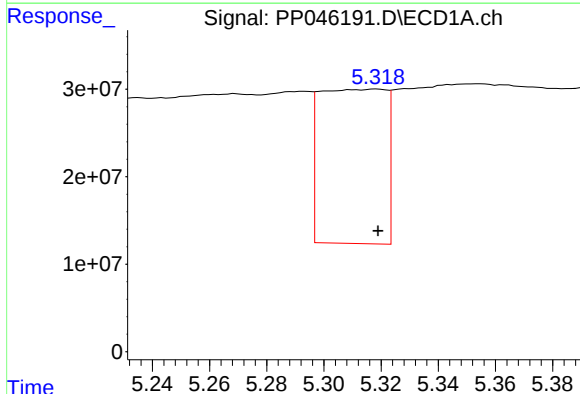
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 149724865
Conc: 2173.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



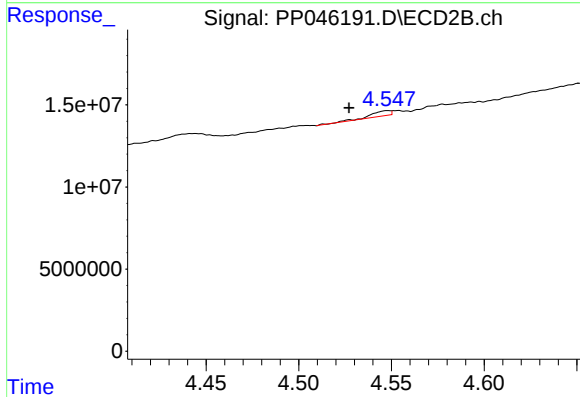
#5 AR-1016-3

R.T.: 4.505 min
Delta R.T.: 0.027 min
Response: -1252275
Conc: N.D.



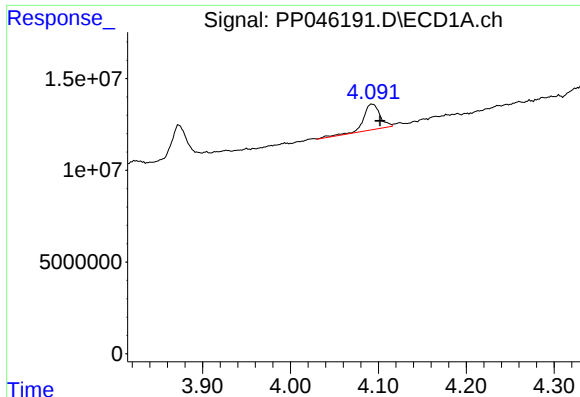
#6 AR-1016-4

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 280354572
Conc: 4764.34 ng/ml



#6 AR-1016-4

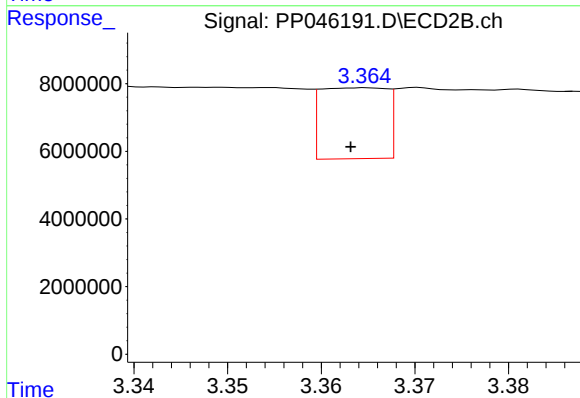
R.T.: 4.548 min
Delta R.T.: 0.021 min
Response: 2255960
Conc: 63.22 ng/ml



#8 AR-1221-1

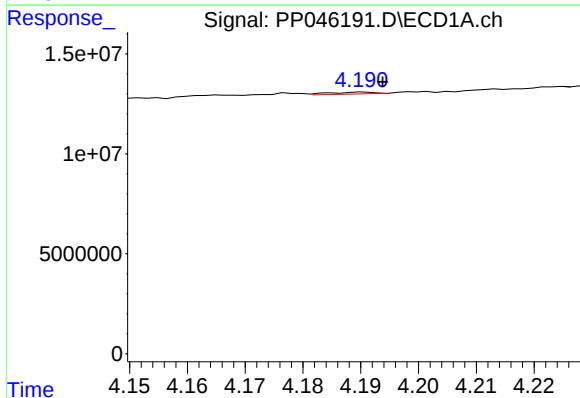
R.T.: 4.092 min
Delta R.T.: -0.009 min
Response: 18407567
Conc: 706.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



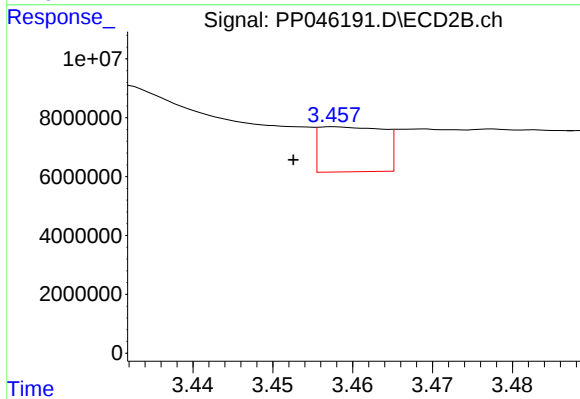
#8 AR-1221-1

R.T.: 3.365 min
Delta R.T.: 0.002 min
Response: 10284668
Conc: 506.26 ng/ml



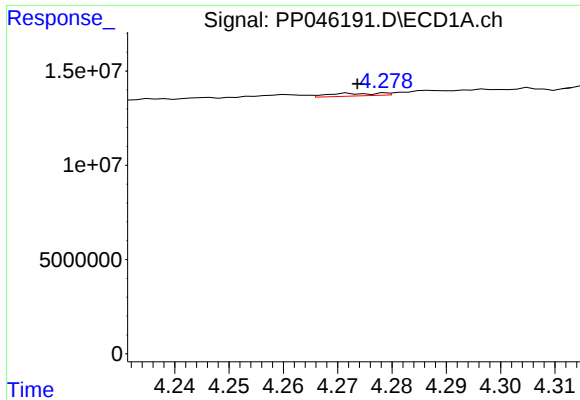
#9 AR-1221-2

R.T.: 4.190 min
Delta R.T.: -0.003 min
Response: 487299
Conc: 25.62 ng/ml



#9 AR-1221-2

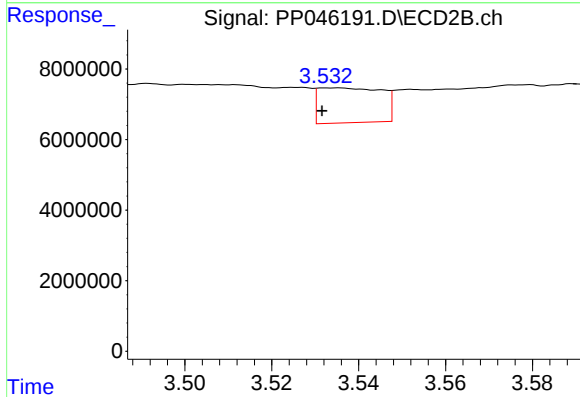
R.T.: 3.458 min
Delta R.T.: 0.005 min
Response: 8593590
Conc: 565.39 ng/ml



#10 AR-1221-3

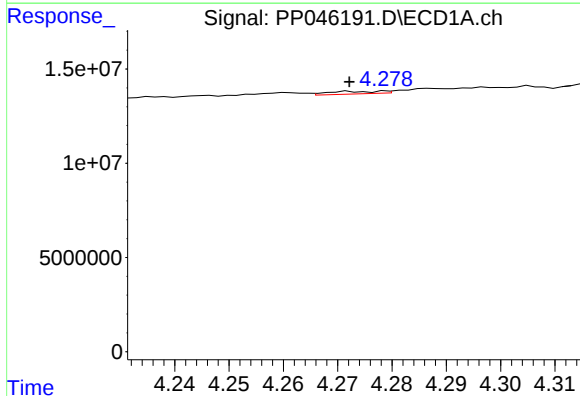
R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 943164
Conc: 15.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



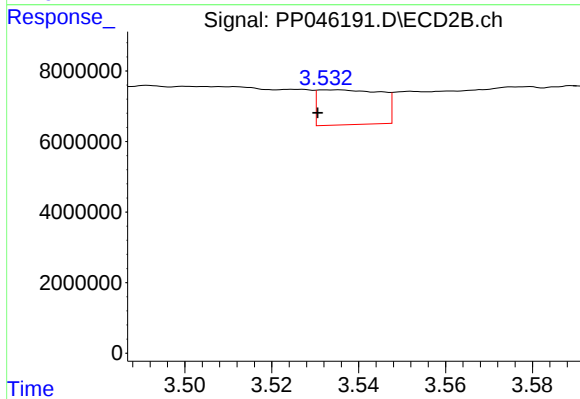
#10 AR-1221-3

R.T.: 3.536 min
Delta R.T.: 0.004 min
Response: 9958186
Conc: 215.78 ng/ml



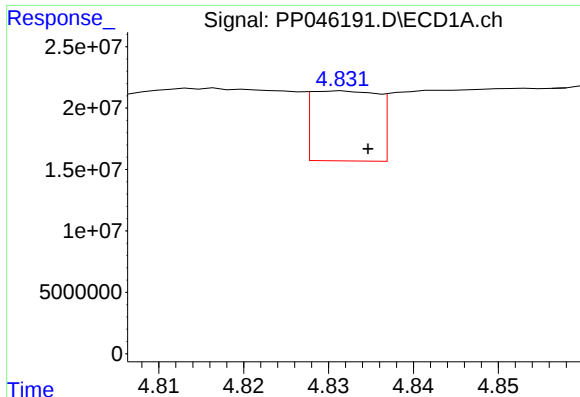
#11 AR-1232-1

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 943164
Conc: 16.62 ng/ml



#11 AR-1232-1

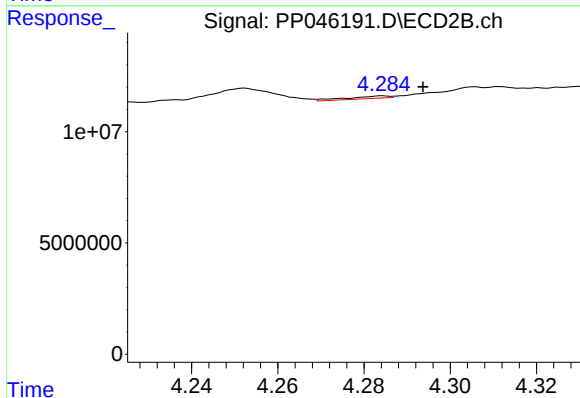
R.T.: 3.536 min
Delta R.T.: 0.005 min
Response: 9958186
Conc: 234.72 ng/ml



#12 AR-1232-2

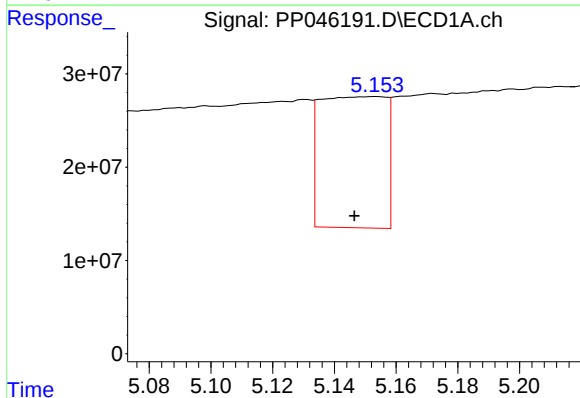
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 30875930
Conc: 1157.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



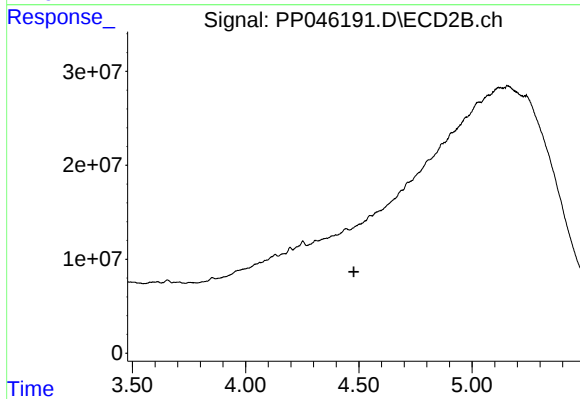
#12 AR-1232-2

R.T.: 4.284 min
Delta R.T.: -0.009 min
Response: 763421
Conc: 19.05 ng/ml



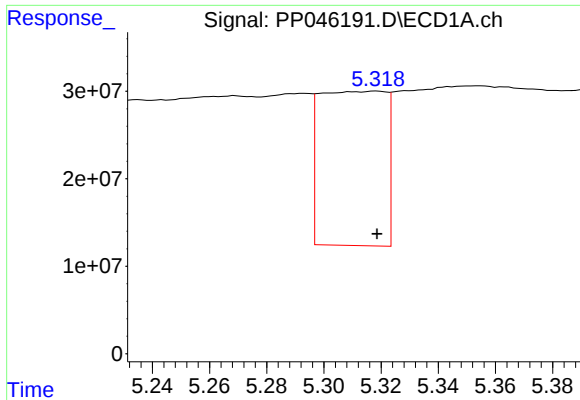
#13 AR-1232-3

R.T.: 5.154 min
Delta R.T.: 0.007 min
Response: 206137070
Conc: 3829.54 ng/ml



#13 AR-1232-3

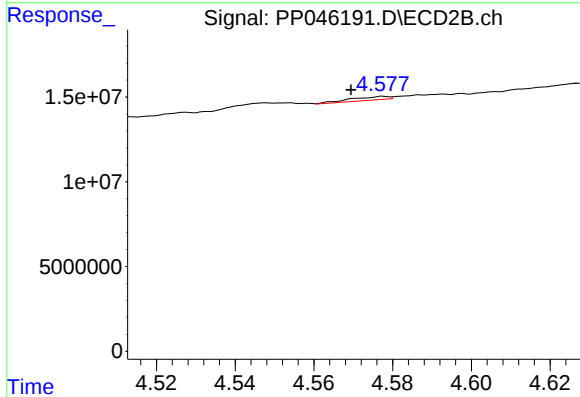
R.T.: 4.505 min
Delta R.T.: 0.027 min
Response: -1252275
Conc: N.D.



#14 AR-1232-4

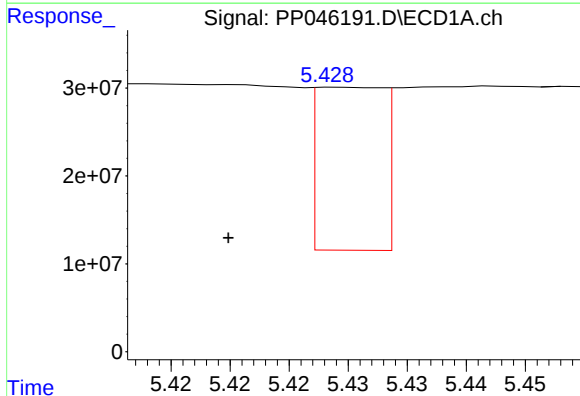
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 280354572
Conc: 10598.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



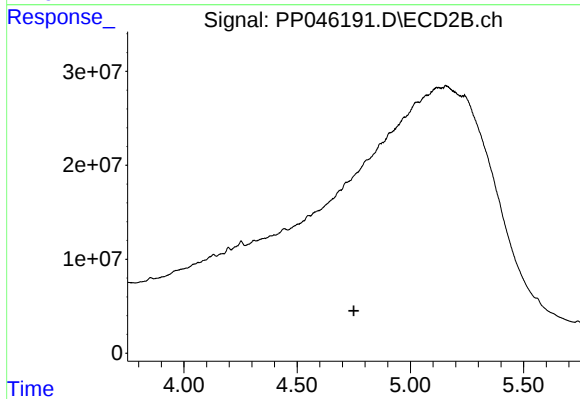
#14 AR-1232-4

R.T.: 4.578 min
Delta R.T.: 0.008 min
Response: 1421160
Conc: 75.01 ng/ml



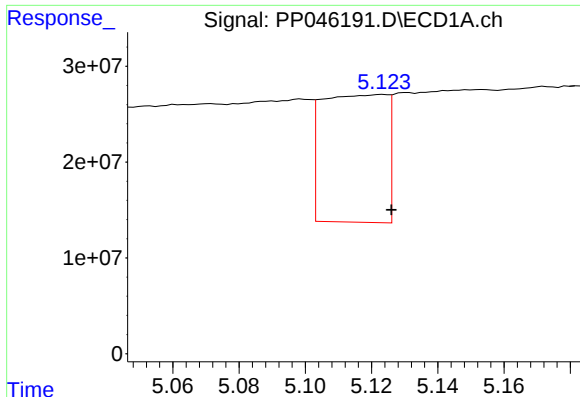
#15 AR-1232-5

R.T.: 5.429 min
Delta R.T.: 0.010 min
Response: 72472245
Conc: 3931.63 ng/ml



#15 AR-1232-5

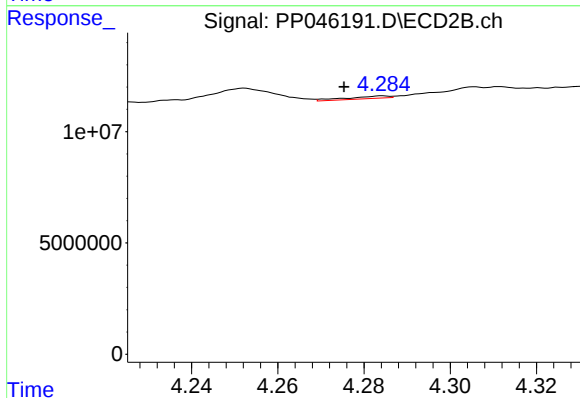
R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



#16 AR-1242-1

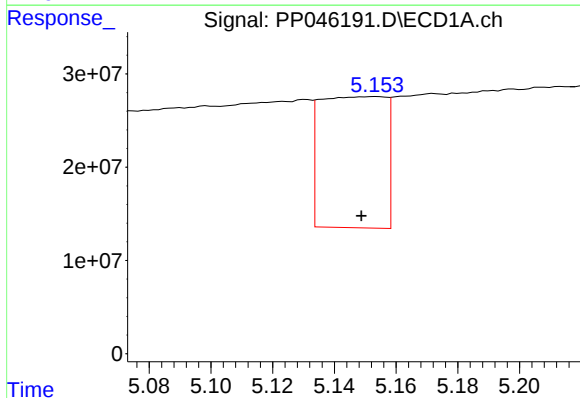
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 180864159
Conc: 3026.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



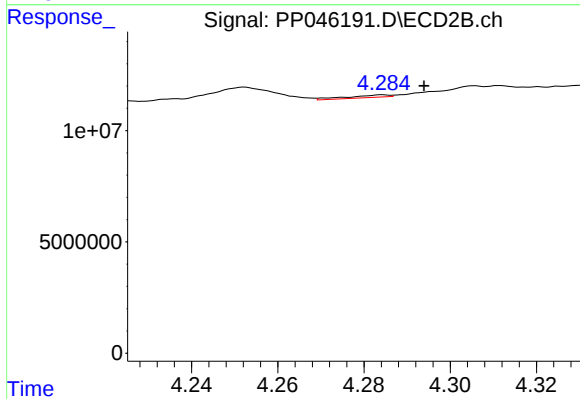
#16 AR-1242-1

R.T.: 4.284 min
Delta R.T.: 0.009 min
Response: 763421
Conc: 16.50 ng/ml



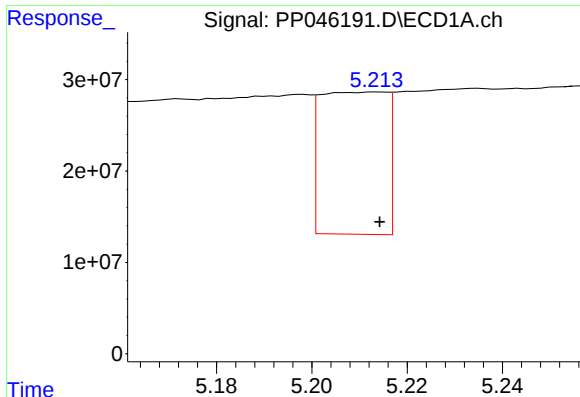
#17 AR-1242-2

R.T.: 5.154 min
Delta R.T.: 0.005 min
Response: 206137070
Conc: 2296.31 ng/ml



#17 AR-1242-2

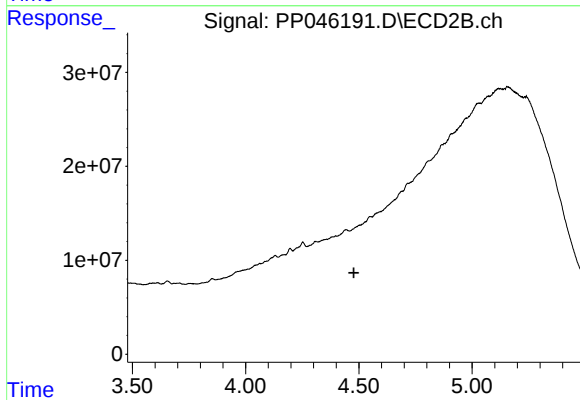
R.T.: 4.284 min
Delta R.T.: -0.010 min
Response: 763421
Conc: 11.77 ng/ml



#18 AR-1242-3

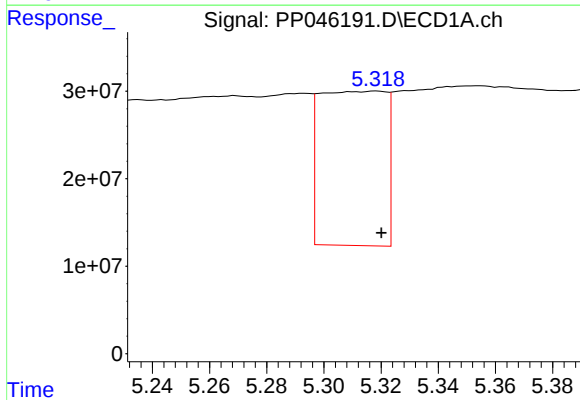
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 149724865
Conc: 2699.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



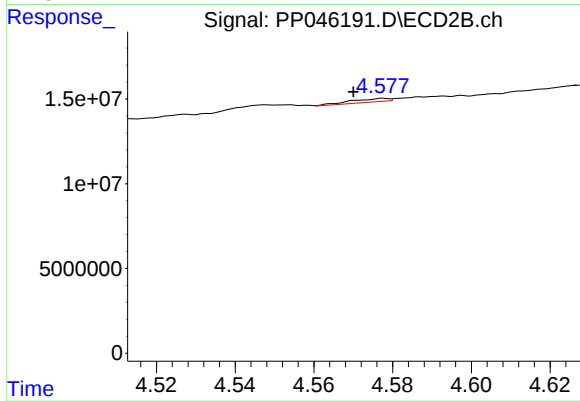
#18 AR-1242-3

R.T.: 4.505 min
Delta R.T.: 0.027 min
Response: -1252275
Conc: N.D.



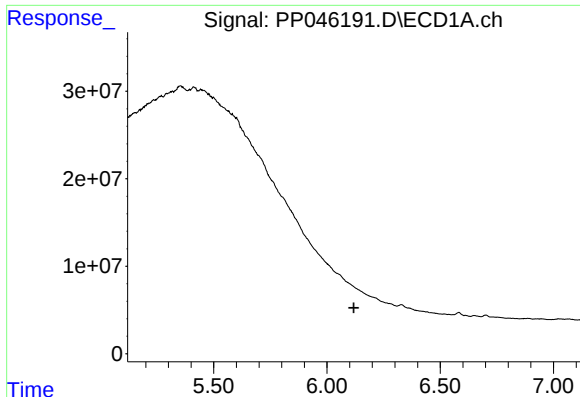
#19 AR-1242-4

R.T.: 5.319 min
Delta R.T.: -0.001 min
Response: 280354572
Conc: 6177.79 ng/ml



#19 AR-1242-4

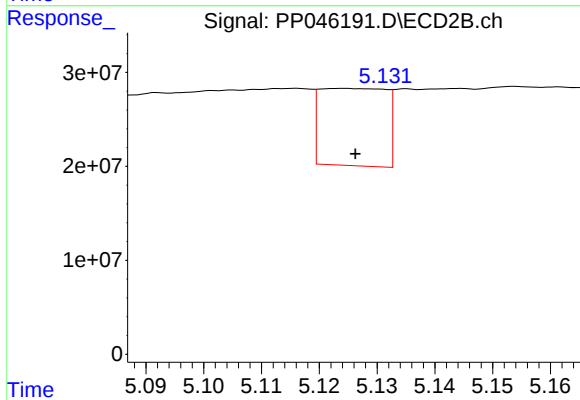
R.T.: 4.578 min
Delta R.T.: 0.008 min
Response: 1421160
Conc: 42.28 ng/ml



#20 AR-1242-5

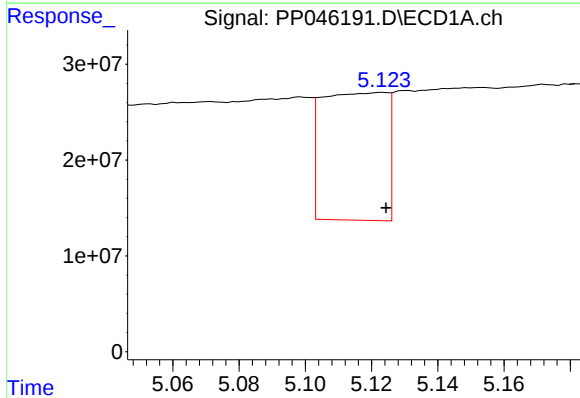
R.T.: 0.000 min
Exp R.T.: 6.119 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



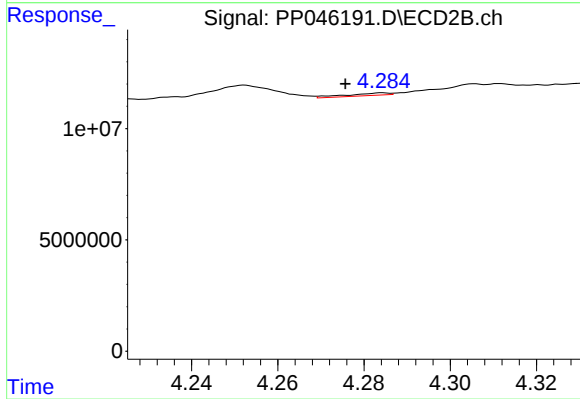
#20 AR-1242-5

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 64915394
Conc: 1478.10 ng/ml



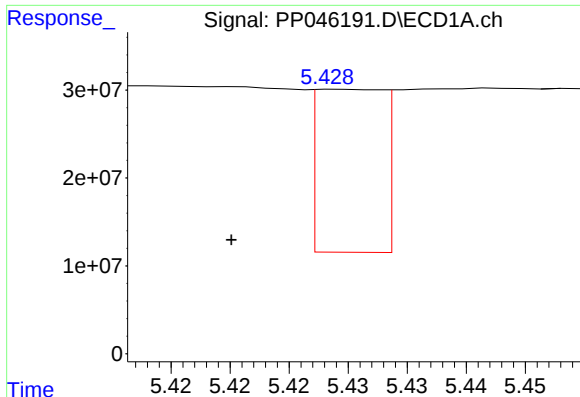
#21 AR-1248-1

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 180864159
Conc: 4192.64 ng/ml



#21 AR-1248-1

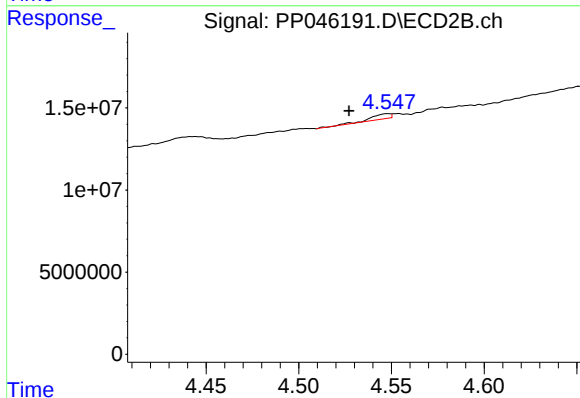
R.T.: 4.284 min
Delta R.T.: 0.009 min
Response: 763421
Conc: 22.26 ng/ml



#22 AR-1248-2

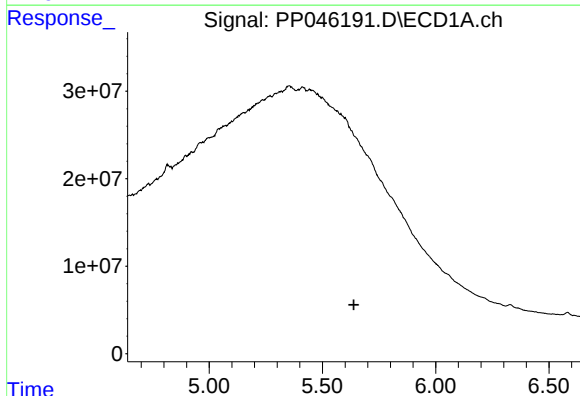
R.T.: 5.429 min
Delta R.T.: 0.009 min
Response: 72472245
Conc: 1212.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



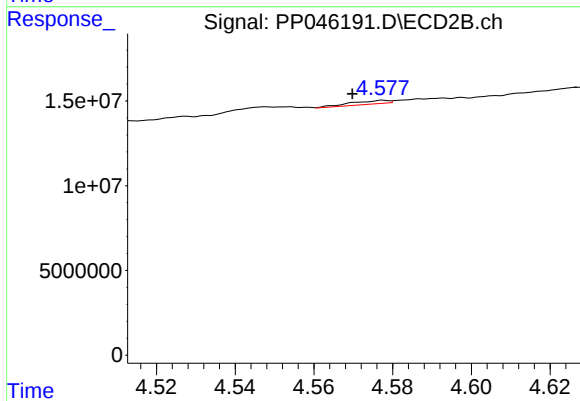
#22 AR-1248-2

R.T.: 4.548 min
Delta R.T.: 0.021 min
Response: 2255960
Conc: 48.16 ng/ml



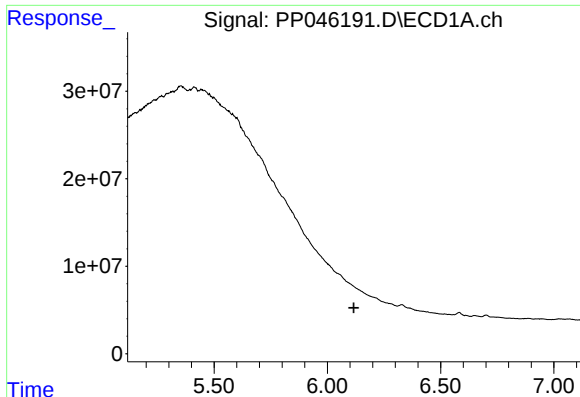
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.638 min
Response: 0
Conc: N.D.



#23 AR-1248-3

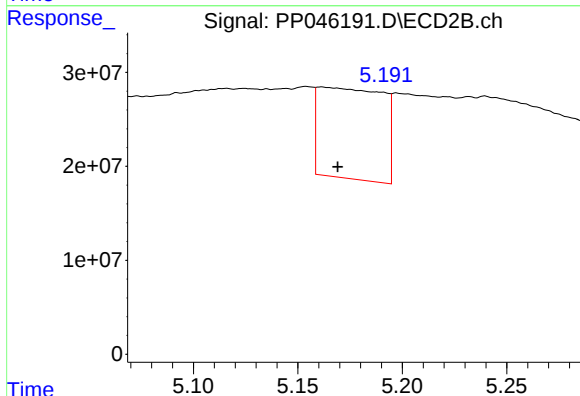
R.T.: 4.578 min
Delta R.T.: 0.008 min
Response: 1421160
Conc: 29.08 ng/ml



#25 AR-1248-5

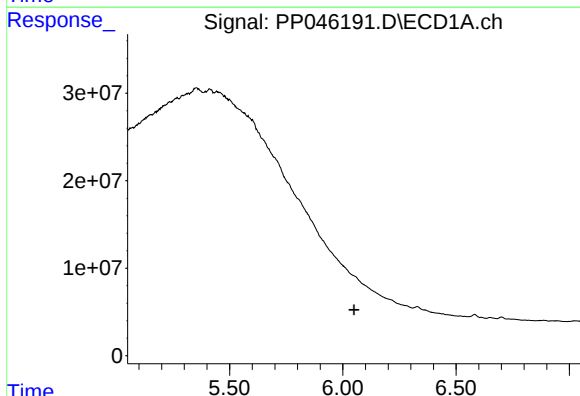
R.T.: 0.000 min
Exp R.T.: 6.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



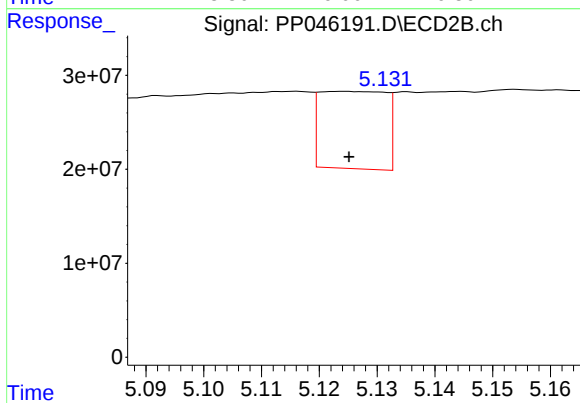
#25 AR-1248-5

R.T.: 5.161 min
Delta R.T.: -0.008 min
Response: 206824512
Conc: 3523.71 ng/ml



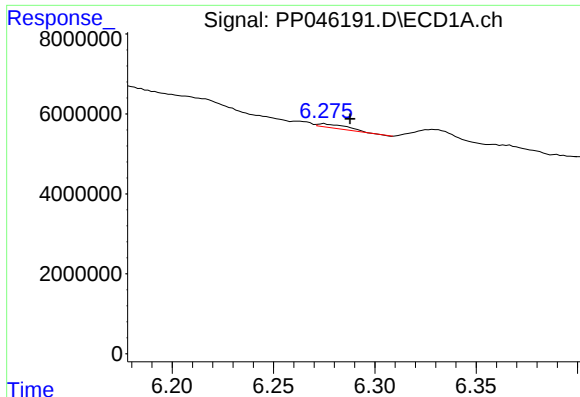
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.050 min
Response: 0
Conc: N.D.



#26 AR-1254-1

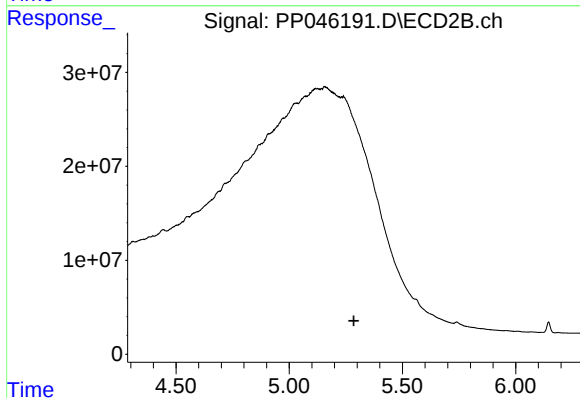
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 64915394
Conc: 735.93 ng/ml



#27 AR-1254-2

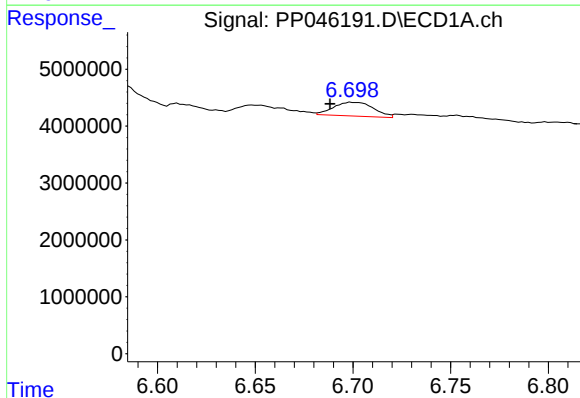
R.T.: 6.275 min
Delta R.T.: -0.013 min
Response: 1030877
Conc: 8.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



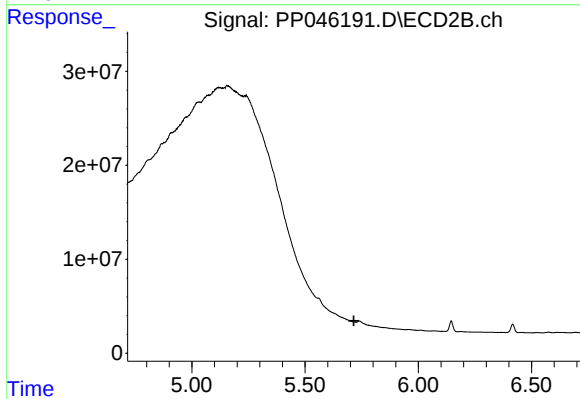
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



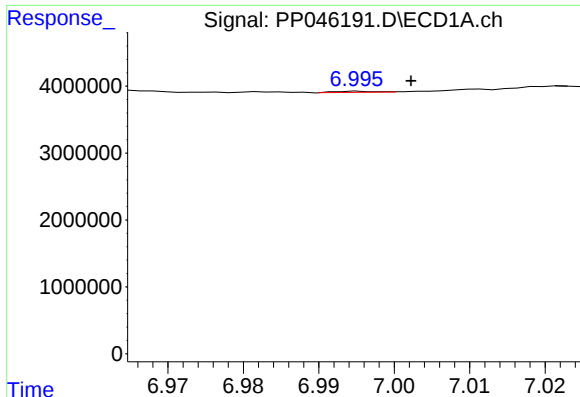
#28 AR-1254-3

R.T.: 6.699 min
Delta R.T.: 0.011 min
Response: 3473280
Conc: 28.89 ng/ml



#28 AR-1254-3

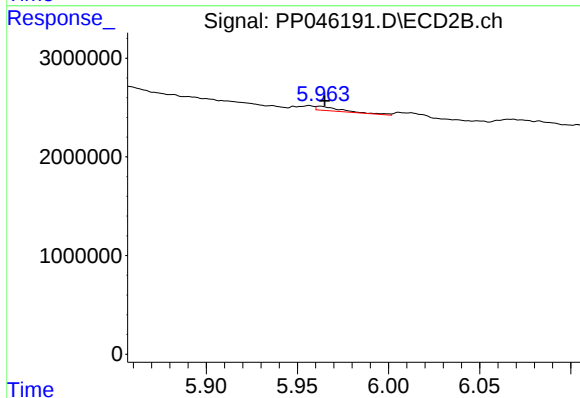
R.T.: 5.740 min
Delta R.T.: 0.024 min
Response: -21506
Conc: N.D.



#29 AR-1254-4

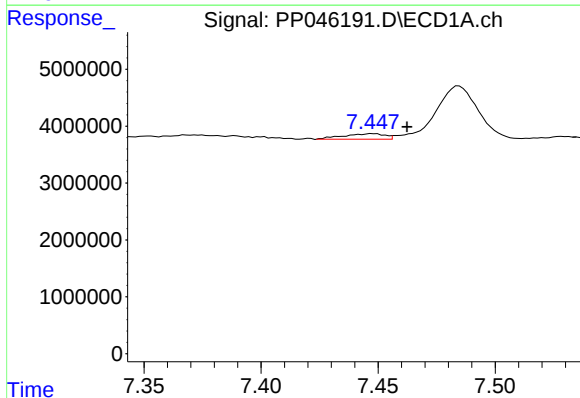
R.T.: 6.995 min
Delta R.T.: -0.007 min
Response: 66362
Conc: 0.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



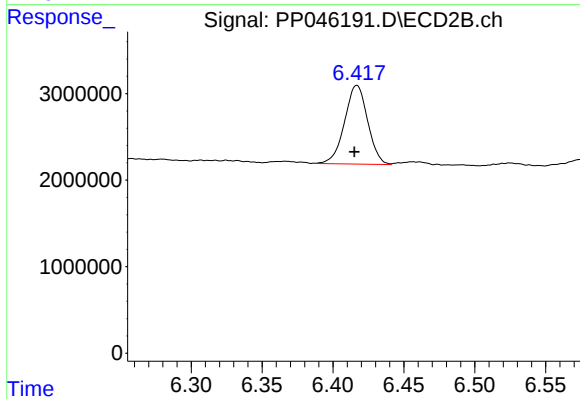
#29 AR-1254-4

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 434411
Conc: 5.76 ng/ml



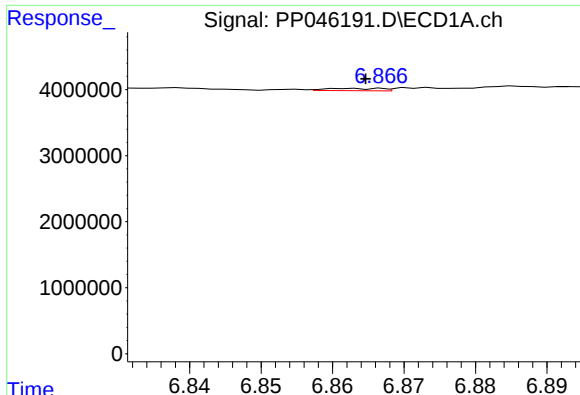
#30 AR-1254-5

R.T.: 7.447 min
Delta R.T.: -0.015 min
Response: 1180440
Conc: 12.60 ng/ml



#30 AR-1254-5

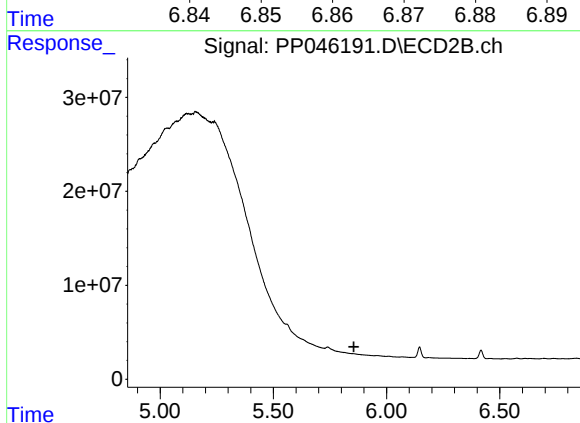
R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 10312480
Conc: 100.66 ng/ml



#31 AR-1260-1

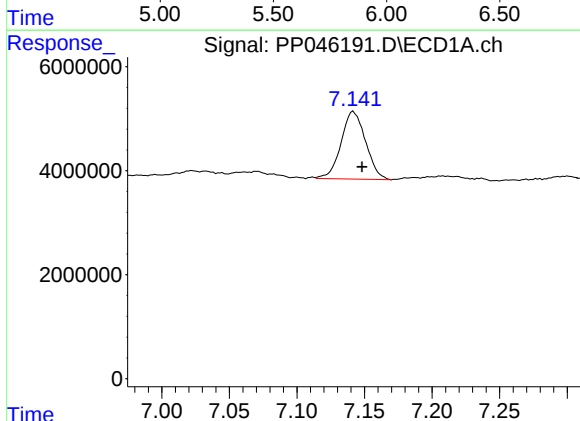
R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 190397
Conc: 2.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



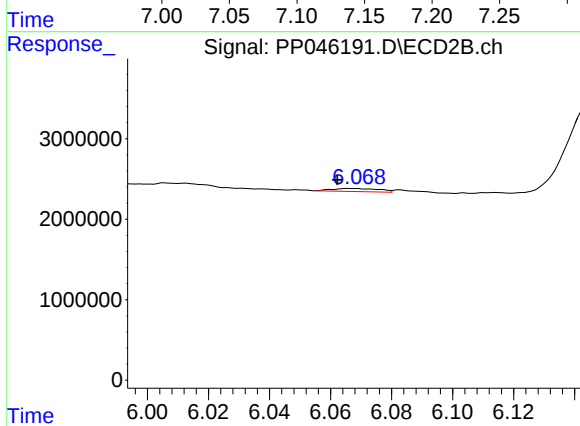
#31 AR-1260-1

R.T.: 5.848 min
Delta R.T.: -0.008 min
Response: -72188
Conc: N.D.



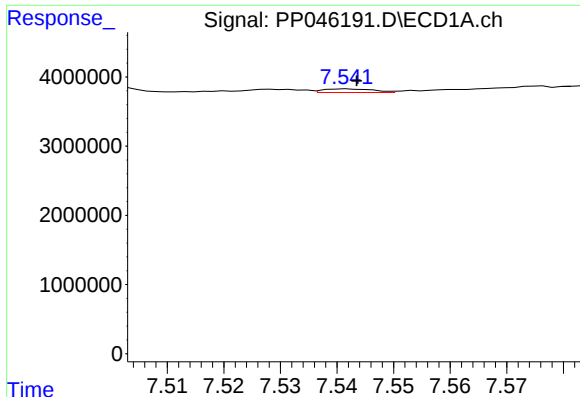
#32 AR-1260-2

R.T.: 7.142 min
Delta R.T.: -0.007 min
Response: 16437421
Conc: 160.45 ng/ml



#32 AR-1260-2

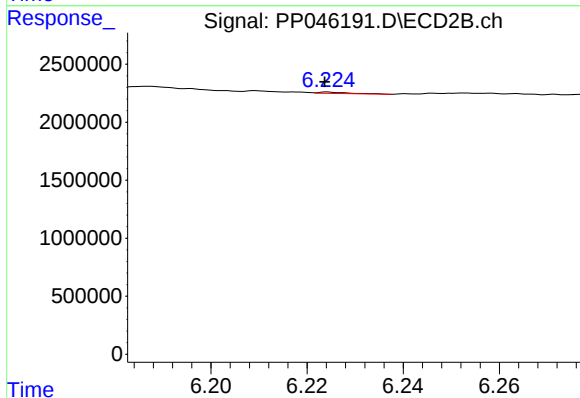
R.T.: 6.068 min
Delta R.T.: 0.006 min
Response: 408041
Conc: 4.36 ng/ml



#33 AR-1260-3

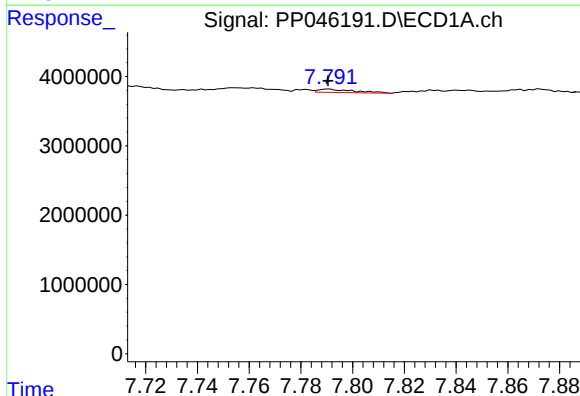
R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 327874
Conc: 3.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



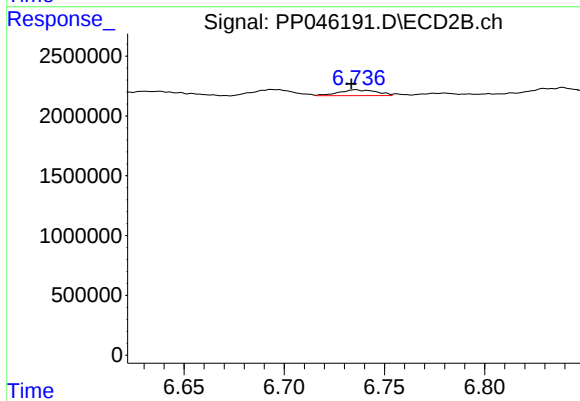
#33 AR-1260-3

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 51030
Conc: 0.58 ng/ml



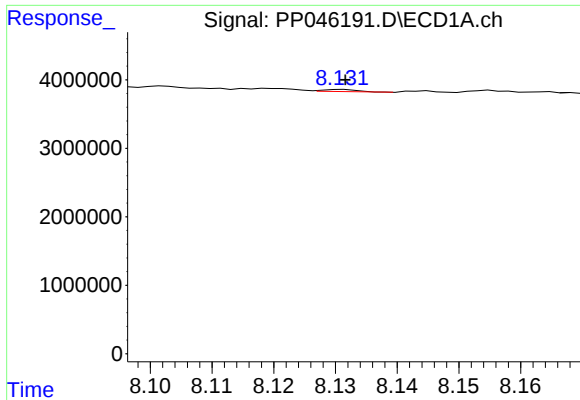
#34 AR-1260-4

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 451493
Conc: 5.33 ng/ml



#34 AR-1260-4

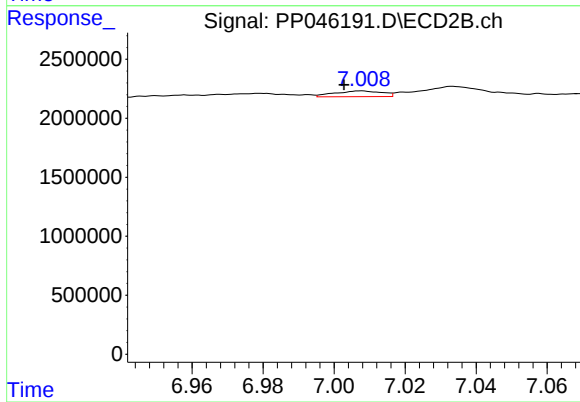
R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 642415
Conc: 8.95 ng/ml



#35 AR-1260-5

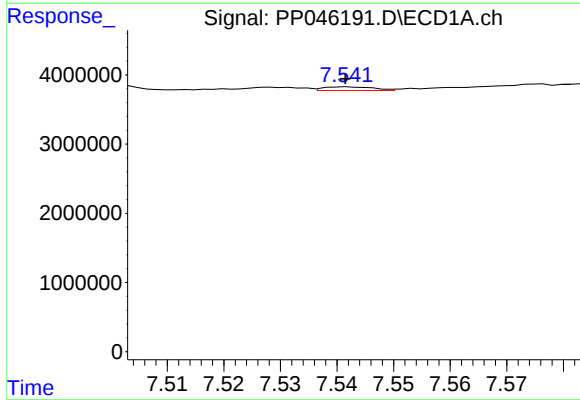
R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 113107
Conc: 0.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



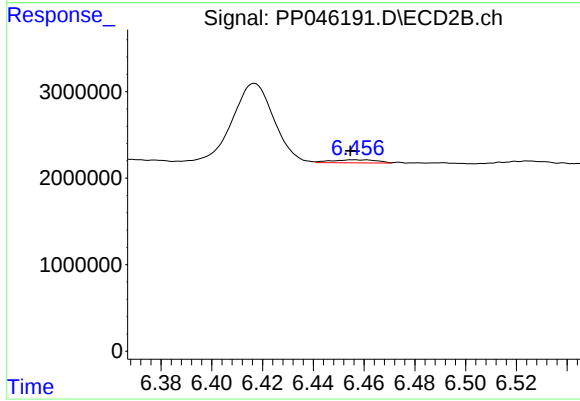
#35 AR-1260-5

R.T.: 7.008 min
Delta R.T.: 0.005 min
Response: 444827
Conc: 2.62 ng/ml



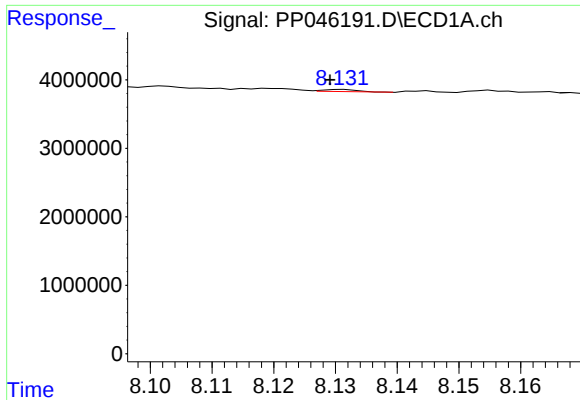
#36 AR-1262-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 327874
Conc: 2.85 ng/ml



#36 AR-1262-1

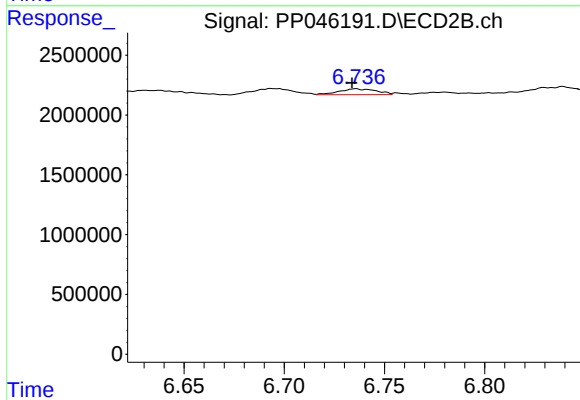
R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 444069
Conc: 4.20 ng/ml



#37 AR-1262-2

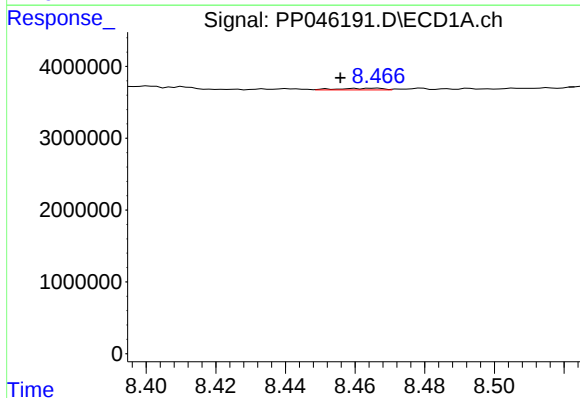
R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 113107
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



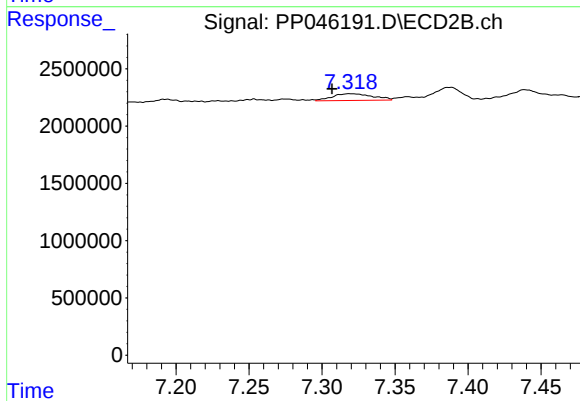
#37 AR-1262-2

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 642415
Conc: 6.82 ng/ml



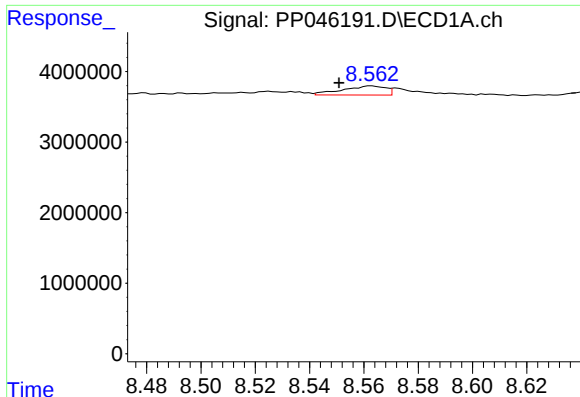
#38 AR-1262-3

R.T.: 8.466 min
Delta R.T.: 0.011 min
Response: 205730
Conc: 1.58 ng/ml



#38 AR-1262-3

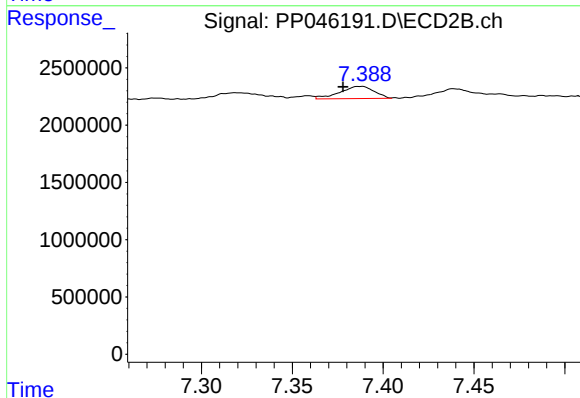
R.T.: 7.318 min
Delta R.T.: 0.012 min
Response: 1146380
Conc: 14.97 ng/ml



#39 AR-1262-4

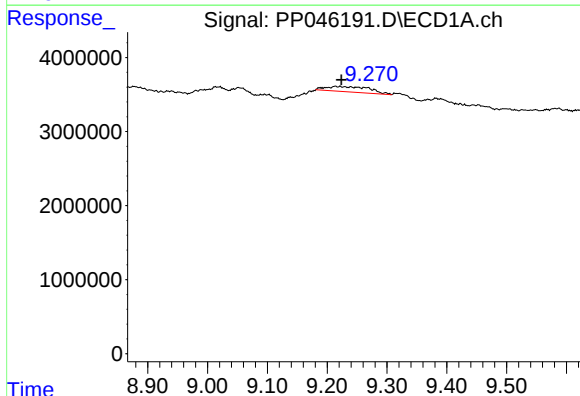
R.T.: 8.563 min
Delta R.T.: 0.012 min
Response: 1434674
Conc: 22.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



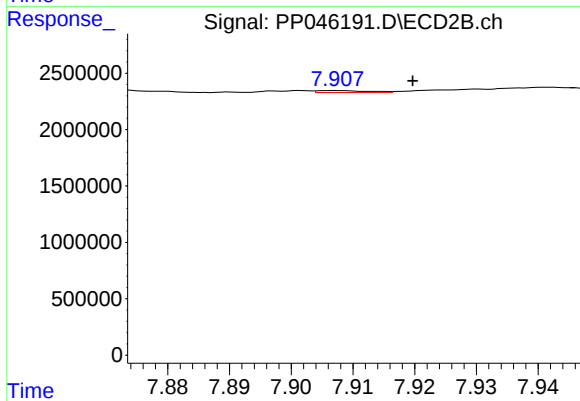
#39 AR-1262-4

R.T.: 7.389 min
Delta R.T.: 0.011 min
Response: 1409243
Conc: 9.91 ng/ml



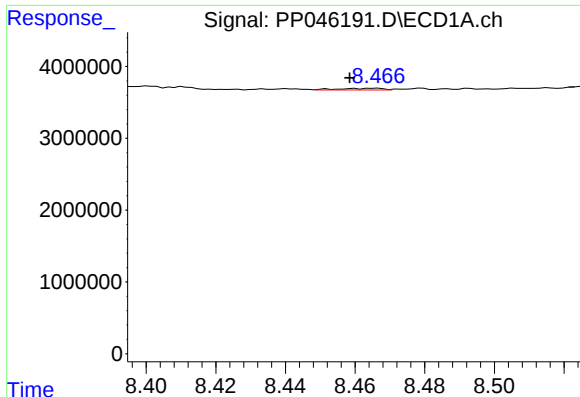
#40 AR-1262-5

R.T.: 9.214 min
Delta R.T.: -0.010 min
Response: 3656632
Conc: 53.55 ng/ml



#40 AR-1262-5

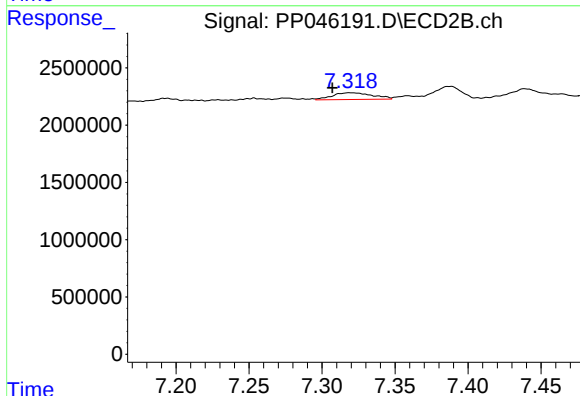
R.T.: 7.908 min
Delta R.T.: -0.012 min
Response: 95298
Conc: 1.36 ng/ml



#41 AR-1268-1

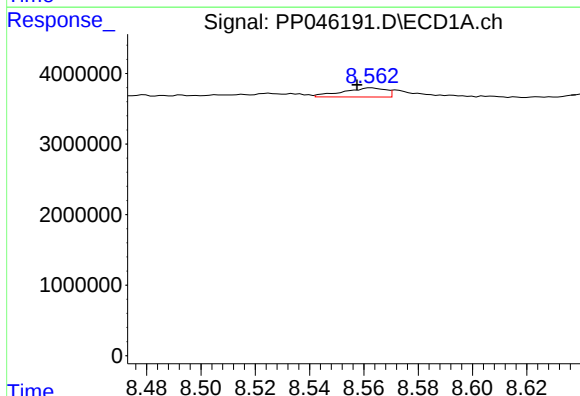
R.T.: 8.466 min
Delta R.T.: 0.008 min
Response: 205730
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



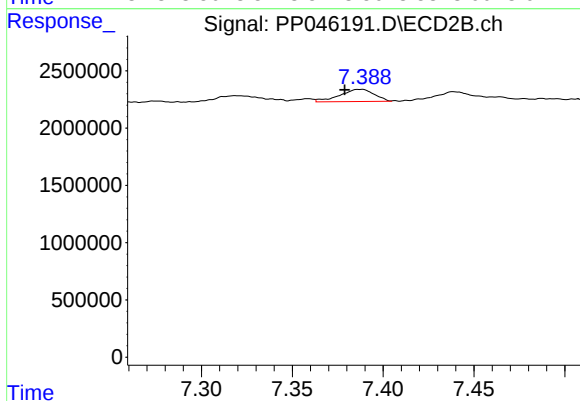
#41 AR-1268-1

R.T.: 7.318 min
Delta R.T.: 0.011 min
Response: 1146380
Conc: 5.17 ng/ml



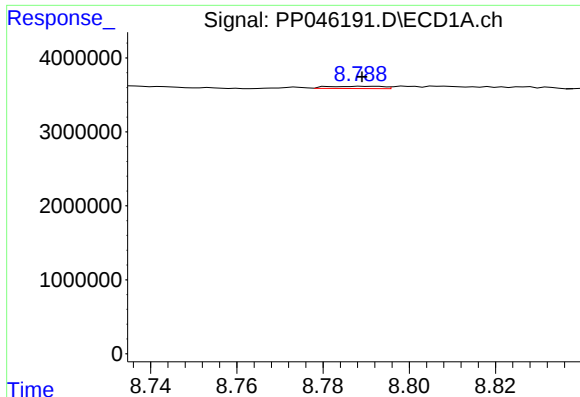
#42 AR-1268-2

R.T.: 8.563 min
Delta R.T.: 0.005 min
Response: 1434674
Conc: 5.67 ng/ml



#42 AR-1268-2

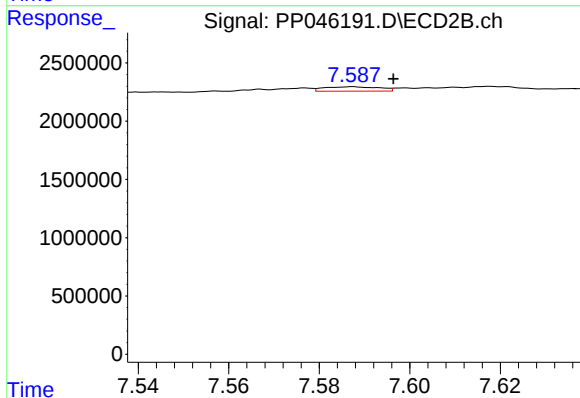
R.T.: 7.389 min
Delta R.T.: 0.010 min
Response: 1409243
Conc: 6.96 ng/ml



#43 AR-1268-3

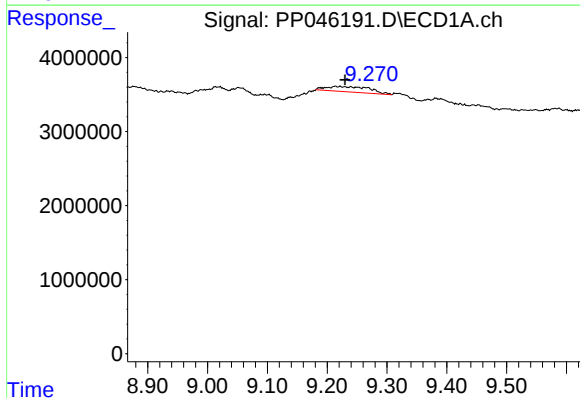
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 268875
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



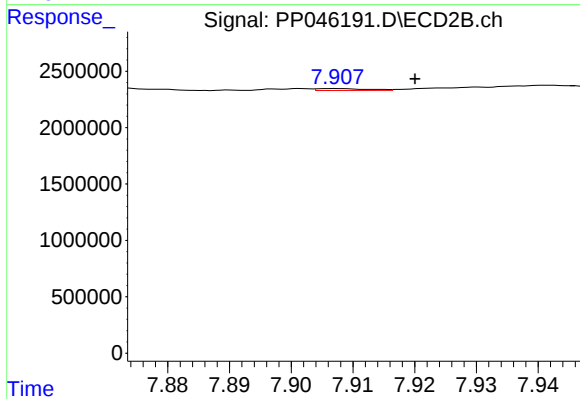
#43 AR-1268-3

R.T.: 7.587 min
Delta R.T.: -0.009 min
Response: 320055
Conc: 1.88 ng/ml



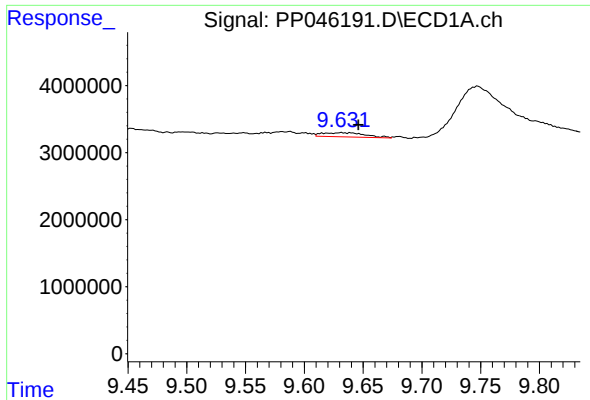
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.016 min
Response: 3656632
Conc: 40.52 ng/ml



#44 AR-1268-4

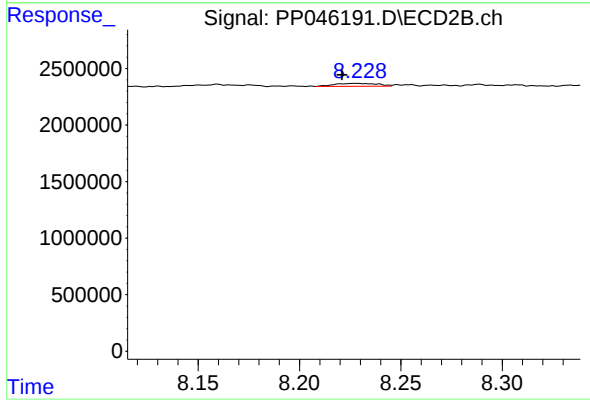
R.T.: 7.908 min
Delta R.T.: -0.012 min
Response: 95298
Conc: 1.21 ng/ml



#45 AR-1268-5

R.T.: 9.632 min
Delta R.T.: -0.014 min
Response: 1565617
Conc: 2.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.228 min
Delta R.T.: 0.007 min
Response: 393680
Conc: 0.71 ng/ml