

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060122\
 Data File : PP048291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2022 13:19
 Operator : YP\AJ
 Sample : N3109-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 04:03:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 27 23:53:39 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...	4.034	3.215	45034996	36004982	19.231	18.269
2)	SA Decachlor...	10.385	8.647	30369071	24539886	15.625	15.181
Target Compounds							
3)	L1 AR-1016-1	5.328	4.403f	400149	328241	4.745	4.880
4)	L1 AR-1016-2	5.349	4.403	340955	328241	2.882	3.525
5)	L1 AR-1016-3	5.401f	4.597	836574	72549	12.380	1.416 #
6)	L1 AR-1016-4	5.527	4.632	182329	163498	2.958	4.291 #
7)	L1 AR-1016-5	5.835f	4.885f	820745	256209	14.571	5.366 #
8)	L2 AR-1221-1	4.271	3.438f	26422424	114356	999.474	5.517 #
9)	L2 AR-1221-2	4.369	3.574f	238496	530132	11.645	34.515 #
10)	L2 AR-1221-3	4.465	3.617	918874	746336	14.677	15.049
11)	L3 AR-1232-1	4.465	3.617	918874	746336	17.691	17.280
12)	L3 AR-1232-2	5.017	4.403	637457	328241	26.552	8.147 #
13)	L3 AR-1232-3	5.349	4.588	340955	124167	6.871	6.019
14)	L3 AR-1232-4	5.527	0.000	182329	0	7.627	N.D. #
15)	L3 AR-1232-5	5.620	4.885f	288562	256209	17.663	13.080 #
16)	L4 AR-1242-1	5.328	4.403f	400149	328241	7.156	6.883
17)	L4 AR-1242-2	5.349	4.403	340955	328241	4.146	4.940
18)	L4 AR-1242-3	5.401f	4.588	836574	124167	17.042	3.580 #
19)	L4 AR-1242-4	5.527	0.000	182329	0	4.607	N.D. #
20)	L4 AR-1242-5	6.341	5.240	2072410	1257382	48.660	30.108 #
21)	L5 AR-1248-1	5.328	4.403f	400149	328241	9.277	8.968
22)	L5 AR-1248-2	5.620	4.632	288562	163498	5.046	3.433 #
23)	L5 AR-1248-3	5.835	0.000	820745	0	12.126	N.D. #
24)	L5 AR-1248-4	6.300	4.885f	1197904	256209	15.403	4.398 #
25)	L5 AR-1248-5	6.341	5.316f	2072410	271211	27.245	4.496 #
26)	L6 AR-1254-1	6.265	5.240	2797132	1257382	38.530	14.343 #
27)	L6 AR-1254-2	6.507	5.401	6383995	1349324	53.653	17.958 #
28)	L6 AR-1254-3	6.915	5.856	5862901	2116695	49.354	17.252 #
29)	L6 AR-1254-4	7.232	6.086	2324115	1006724	25.766	13.407 #
30)	L6 AR-1254-5	7.698	6.542	8210751	23572365	88.607	232.844 #
31)	L7 AR-1260-1	7.092	5.978	5574634	3540340	59.726	41.357 #
32)	L7 AR-1260-2	7.378	6.185	11111114	4763911	99.397	46.217 #
33)	L7 AR-1260-3	7.777	6.349	3874401	3560472	45.232	35.956
34)	L7 AR-1260-4	8.023	6.867	8754464	1757665	84.375	21.113 #
35)	L7 AR-1260-5	8.391	7.131	5825716	5329714	28.231	26.862
36)	L8 AR-1262-1	7.777	6.584	3874401	1971029	33.971	18.243 #
37)	L8 AR-1262-2	8.391	6.867	5825716	1757665	27.332	17.761 #
38)	L8 AR-1262-3	8.760f	7.443f	3848655	1481357	41.297	19.685 #
39)	L8 AR-1262-4	8.816f	7.512f	6774297	3122770	113.933	21.441 #
40)	L8 AR-1262-5	9.566	8.055f	1078866	1313796	13.631	19.466 #
41)	L9 AR-1268-1	8.760f	7.443	3848655	1481357	14.549	6.343 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060122\
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 Acq On : 01 Jun 2022 13:19
 Operator : YP\AJ
 Sample : N3109-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

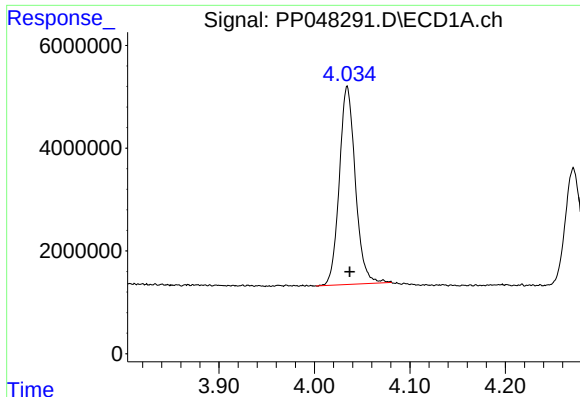
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 04:03:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.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	8.816f	7.512f	6774297	3122770	28.051	14.433 #
43) L9	AR-1268-3	9.086	7.741f	331840	555864	1.614	2.990 #
44) L9	AR-1268-4	9.566	8.055	1078866	1313796	12.010	15.993 #
45) L9	AR-1268-5	10.021	8.370f	1280969	909796	1.814	1.501

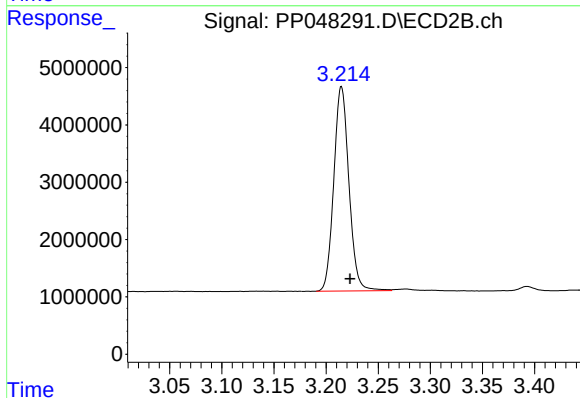
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

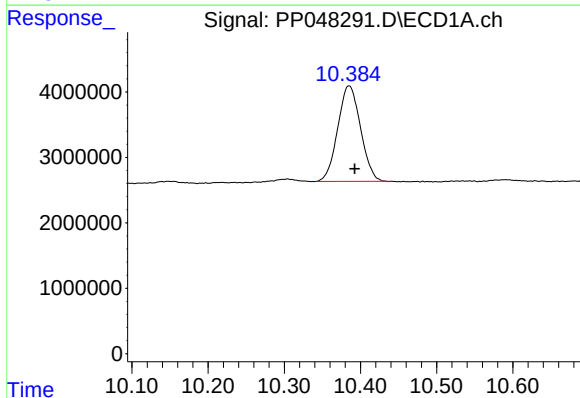
R.T.: 4.034 min
Delta R.T.: -0.003 min
Response: 45034996
Conc: 19.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



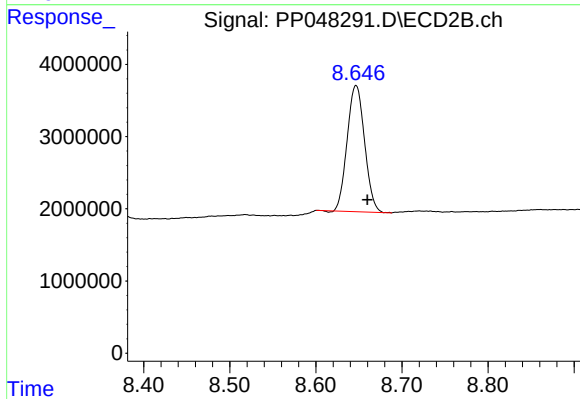
#1 Tetrachloro-m-xylene

R.T.: 3.215 min
Delta R.T.: -0.008 min
Response: 36004982
Conc: 18.27 ng/ml



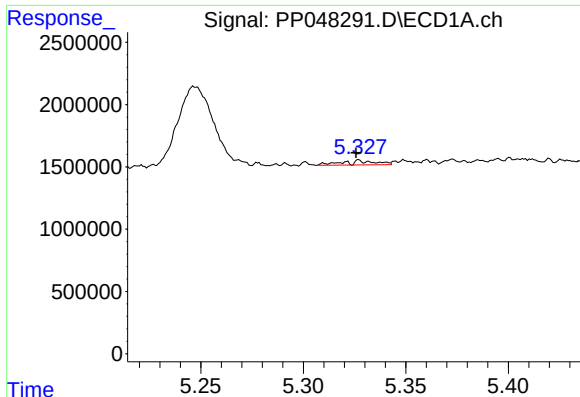
#2 Decachlorobiphenyl

R.T.: 10.385 min
Delta R.T.: -0.007 min
Response: 30369071
Conc: 15.63 ng/ml



#2 Decachlorobiphenyl

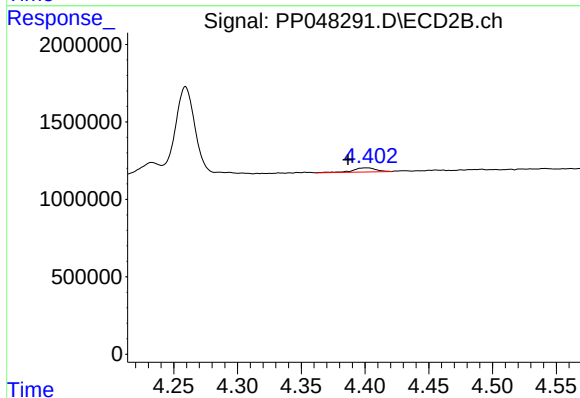
R.T.: 8.647 min
Delta R.T.: -0.013 min
Response: 24539886
Conc: 15.18 ng/ml



#3 AR-1016-1

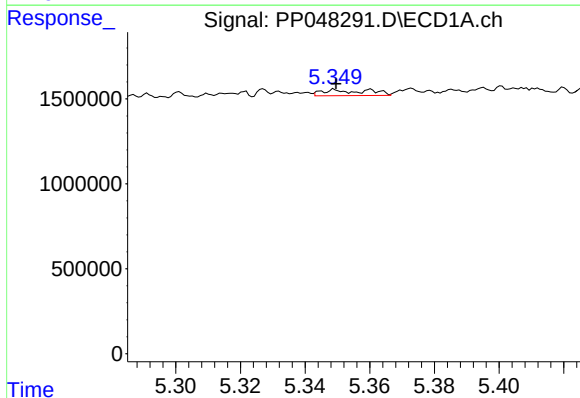
R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 400149
Conc: 4.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



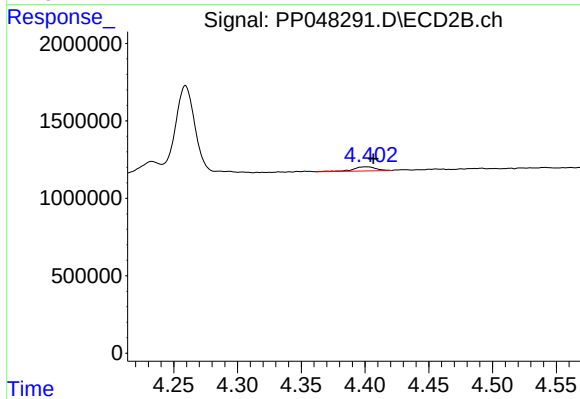
#3 AR-1016-1

R.T.: 4.403 min
Delta R.T.: 0.016 min
Response: 328241
Conc: 4.88 ng/ml



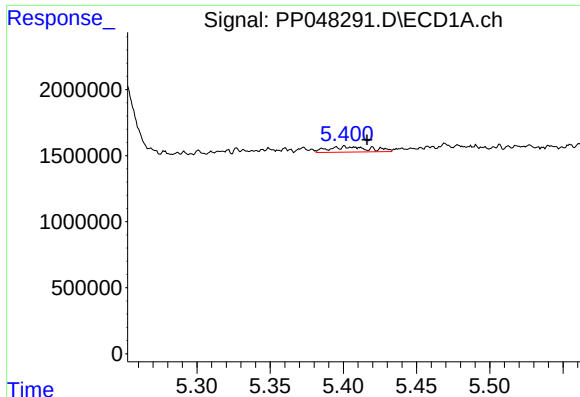
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 340955
Conc: 2.88 ng/ml



#4 AR-1016-2

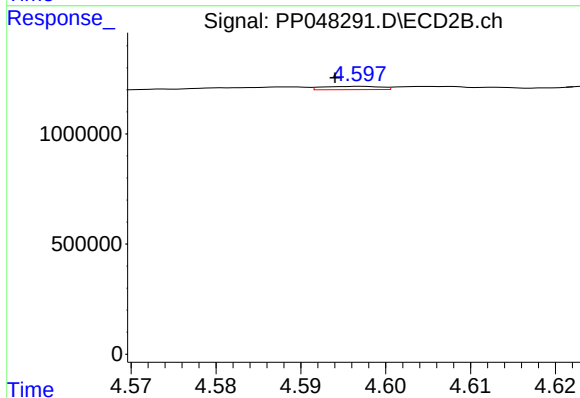
R.T.: 4.403 min
Delta R.T.: -0.004 min
Response: 328241
Conc: 3.52 ng/ml



#5 AR-1016-3

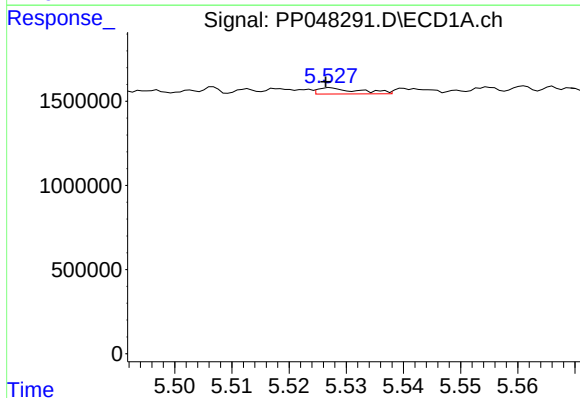
R.T.: 5.401 min
Delta R.T.: -0.015 min
Response: 836574
Conc: 12.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



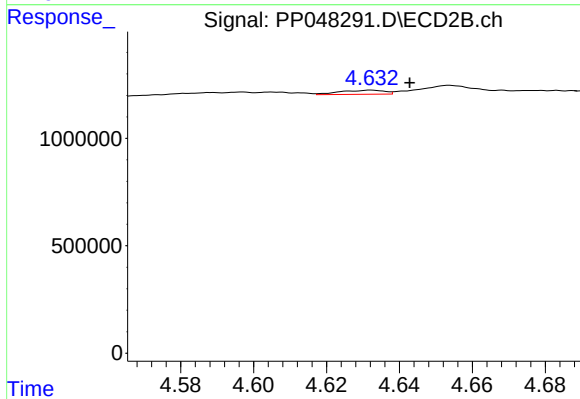
#5 AR-1016-3

R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 72549
Conc: 1.42 ng/ml



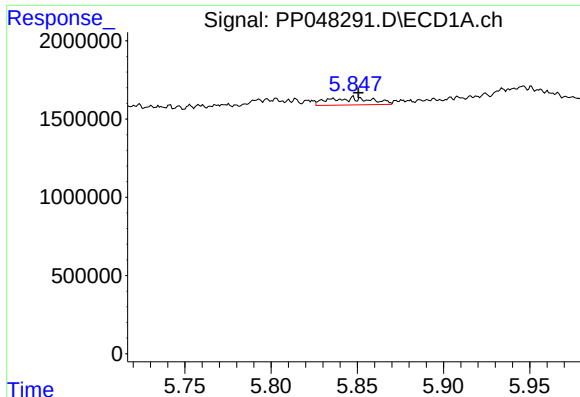
#6 AR-1016-4

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 182329
Conc: 2.96 ng/ml



#6 AR-1016-4

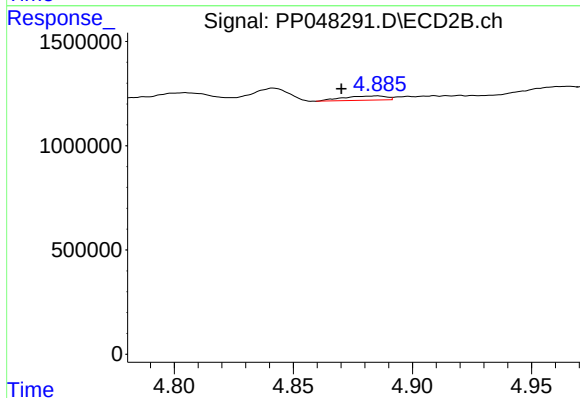
R.T.: 4.632 min
Delta R.T.: -0.011 min
Response: 163498
Conc: 4.29 ng/ml



#7 AR-1016-5

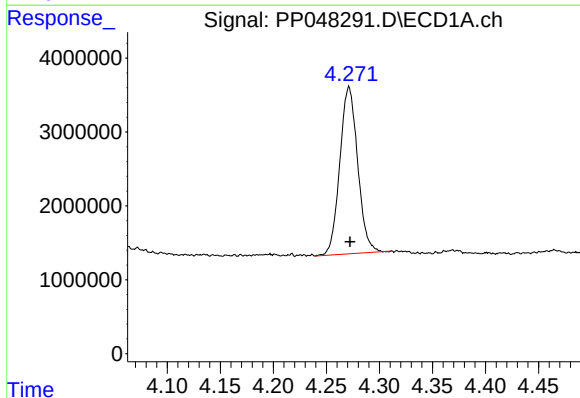
R.T.: 5.835 min
Delta R.T.: -0.015 min
Response: 820745
Conc: 14.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



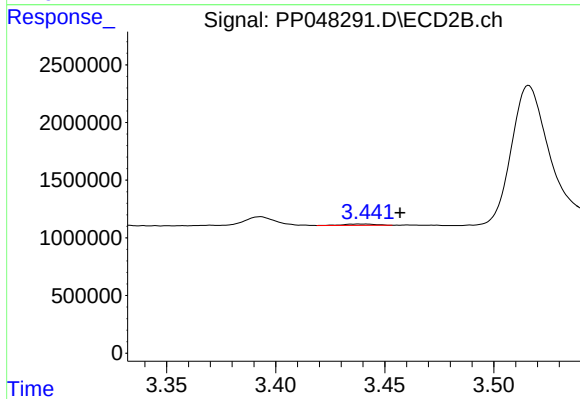
#7 AR-1016-5

R.T.: 4.885 min
Delta R.T.: 0.015 min
Response: 256209
Conc: 5.37 ng/ml



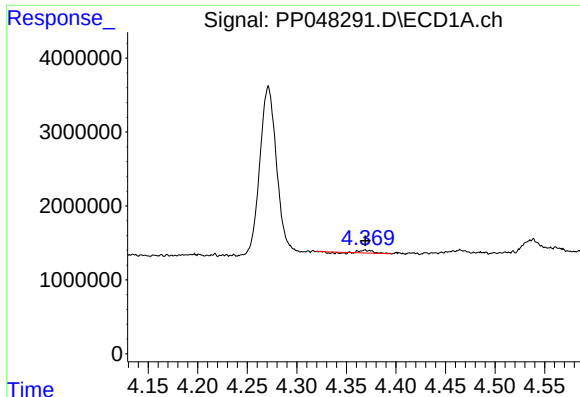
#8 AR-1221-1

R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 26422424
Conc: 999.47 ng/ml



#8 AR-1221-1

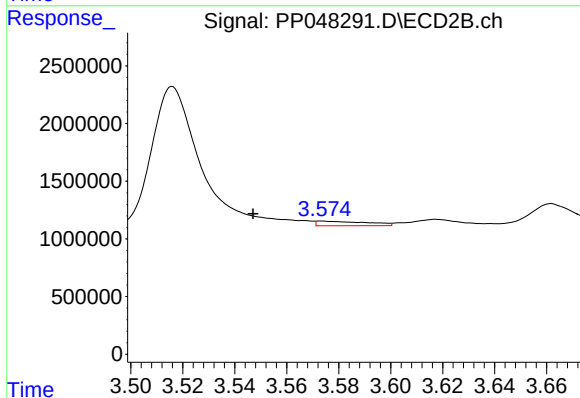
R.T.: 3.438 min
Delta R.T.: -0.019 min
Response: 114356
Conc: 5.52 ng/ml



#9 AR-1221-2

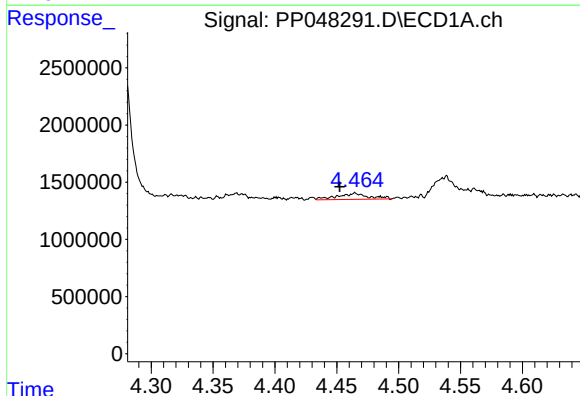
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 238496
Conc: 11.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



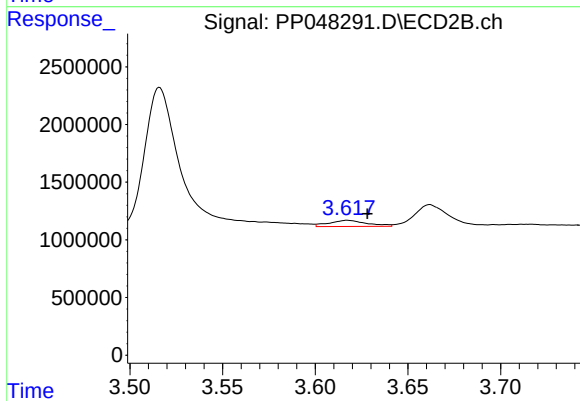
#9 AR-1221-2

R.T.: 3.574 min
Delta R.T.: 0.027 min
Response: 530132
Conc: 34.51 ng/ml



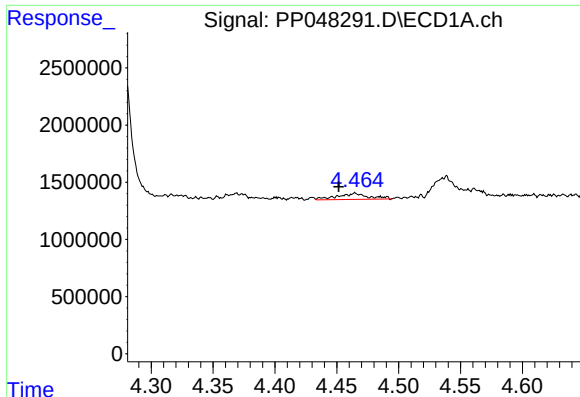
#10 AR-1221-3

R.T.: 4.465 min
Delta R.T.: 0.012 min
Response: 918874
Conc: 14.68 ng/ml



#10 AR-1221-3

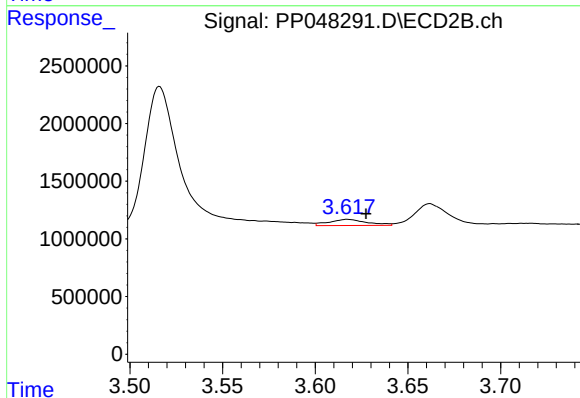
R.T.: 3.617 min
Delta R.T.: -0.011 min
Response: 746336
Conc: 15.05 ng/ml



#11 AR-1232-1

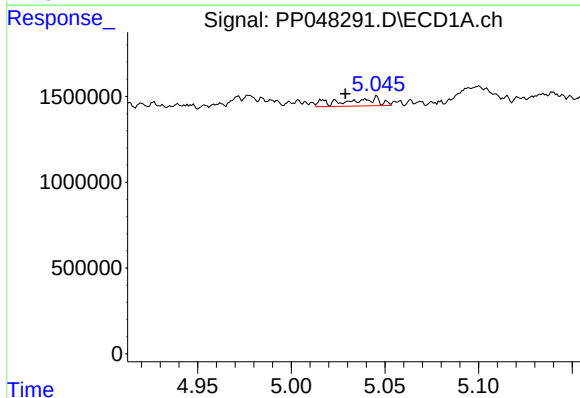
R.T.: 4.465 min
Delta R.T.: 0.013 min
Response: 918874
Conc: 17.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



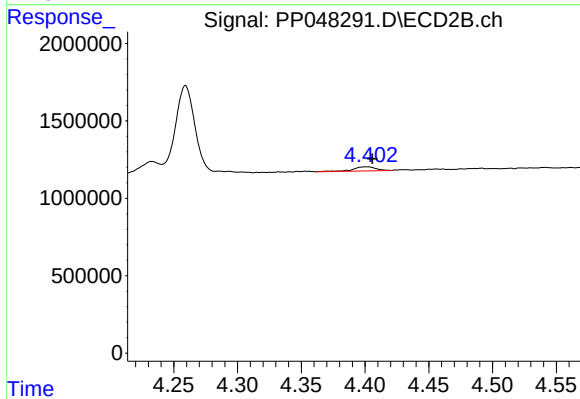
#11 AR-1232-1

R.T.: 3.617 min
Delta R.T.: -0.010 min
Response: 746336
Conc: 17.28 ng/ml



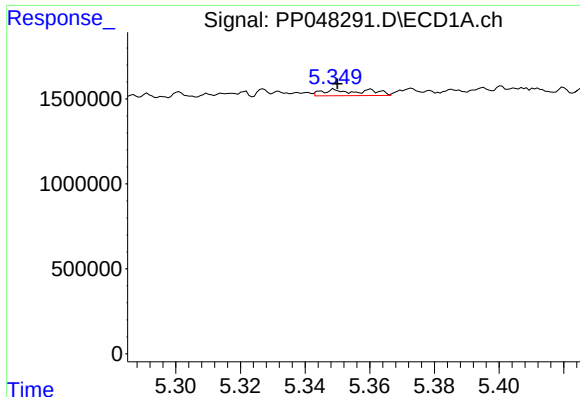
#12 AR-1232-2

R.T.: 5.017 min
Delta R.T.: -0.012 min
Response: 637457
Conc: 26.55 ng/ml



#12 AR-1232-2

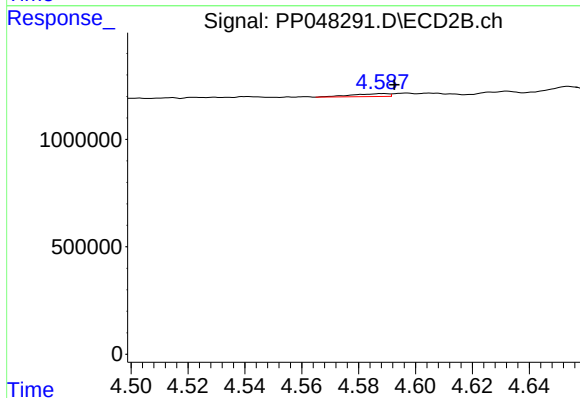
R.T.: 4.403 min
Delta R.T.: -0.003 min
Response: 328241
Conc: 8.15 ng/ml



#13 AR-1232-3

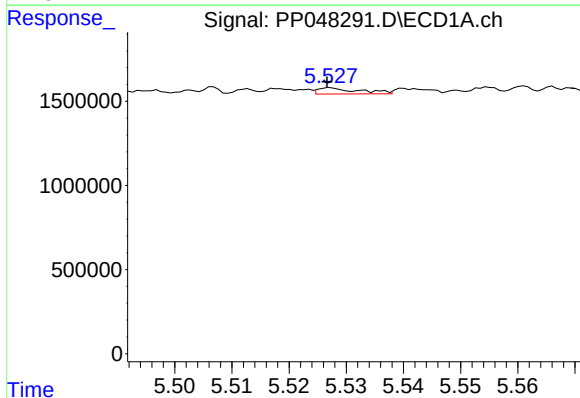
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 340955
Conc: 6.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



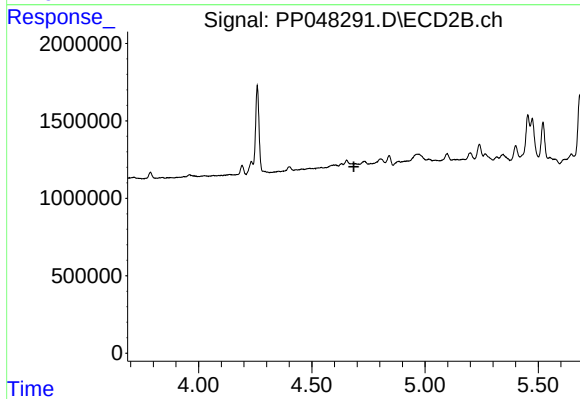
#13 AR-1232-3

R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 124167
Conc: 6.02 ng/ml



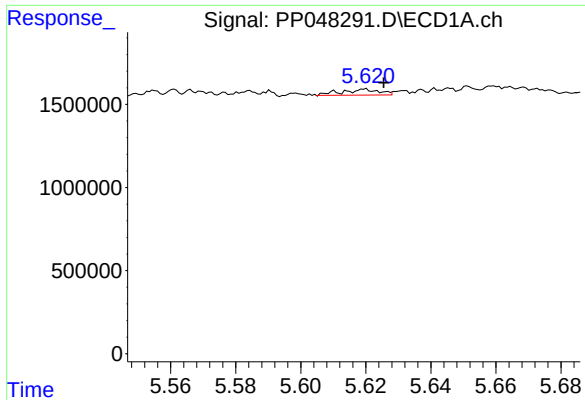
#14 AR-1232-4

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 182329
Conc: 7.63 ng/ml



#14 AR-1232-4

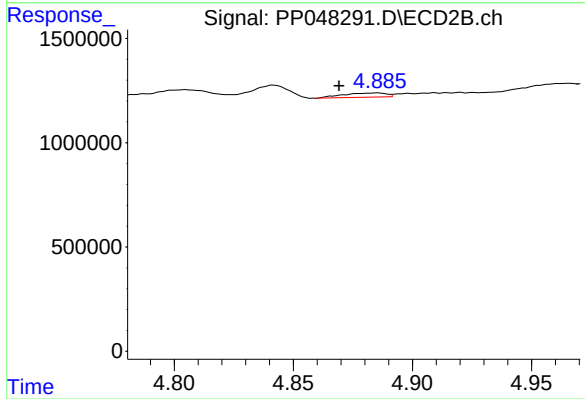
R.T.: 0.000 min
Exp R.T.: 4.686 min
Response: 0
Conc: N.D.



#15 AR-1232-5

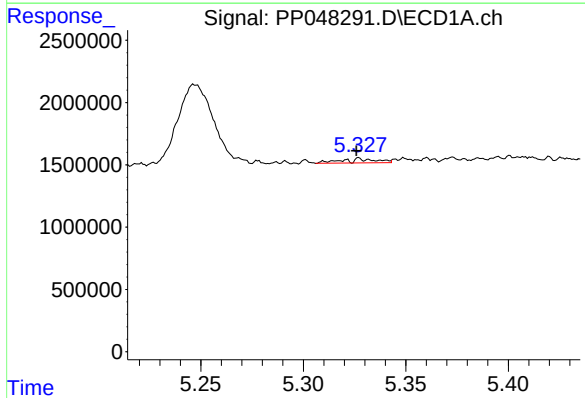
R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 288562
Conc: 17.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



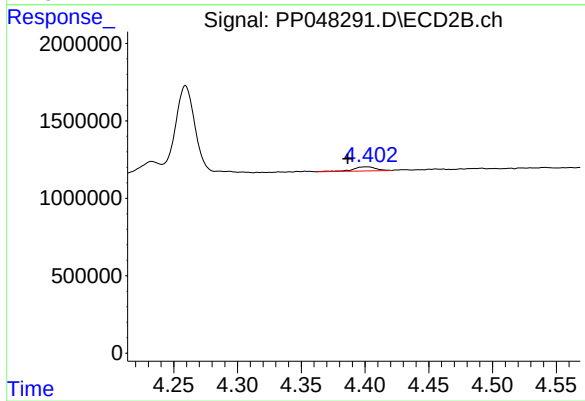
#15 AR-1232-5

R.T.: 4.885 min
Delta R.T.: 0.016 min
Response: 256209
Conc: 13.08 ng/ml



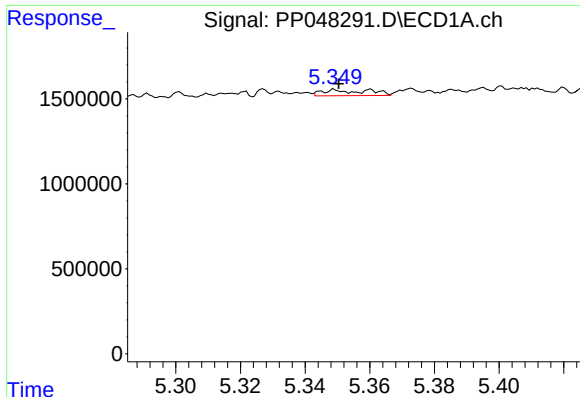
#16 AR-1242-1

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 400149
Conc: 7.16 ng/ml



#16 AR-1242-1

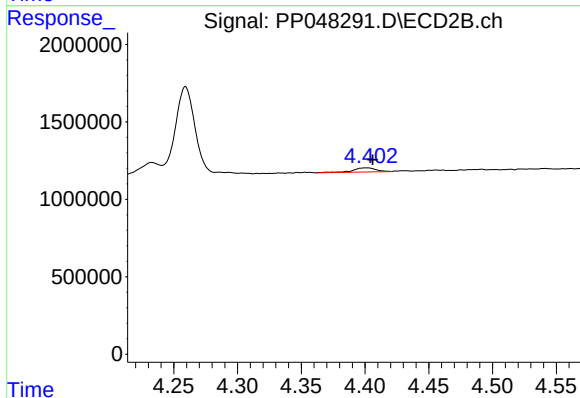
R.T.: 4.403 min
Delta R.T.: 0.016 min
Response: 328241
Conc: 6.88 ng/ml



#17 AR-1242-2

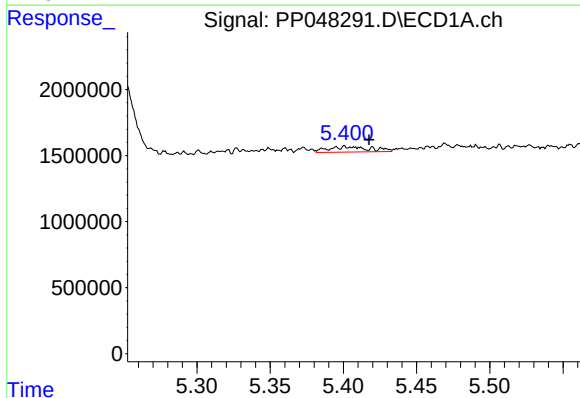
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 340955
Conc: 4.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



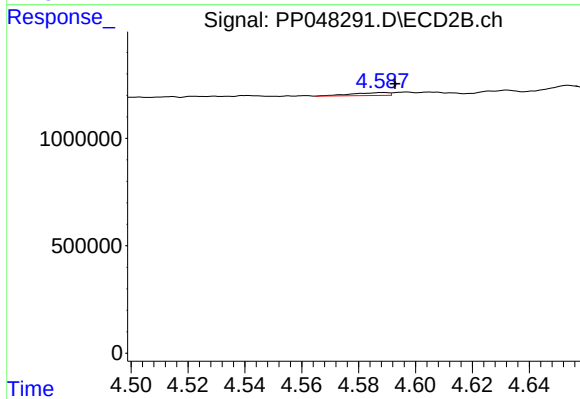
#17 AR-1242-2

R.T.: 4.403 min
Delta R.T.: -0.003 min
Response: 328241
Conc: 4.94 ng/ml



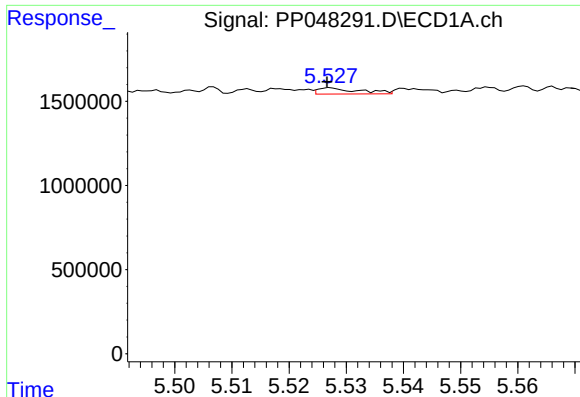
#18 AR-1242-3

R.T.: 5.401 min
Delta R.T.: -0.016 min
Response: 836574
Conc: 17.04 ng/ml



#18 AR-1242-3

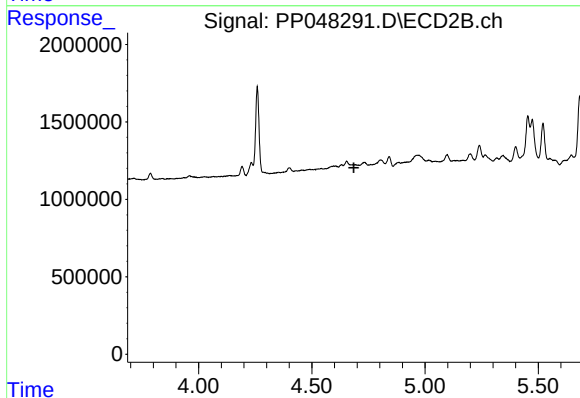
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 124167
Conc: 3.58 ng/ml



#19 AR-1242-4

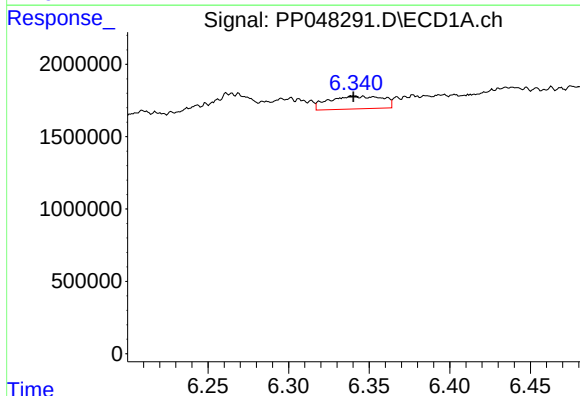
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 182329
Conc: 4.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



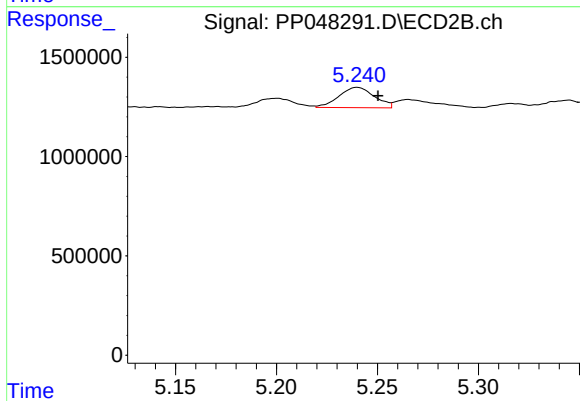
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.686 min
Response: 0
Conc: N.D.



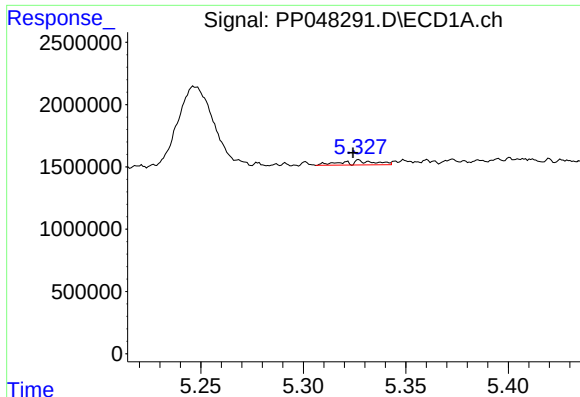
#20 AR-1242-5

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 2072410
Conc: 48.66 ng/ml



#20 AR-1242-5

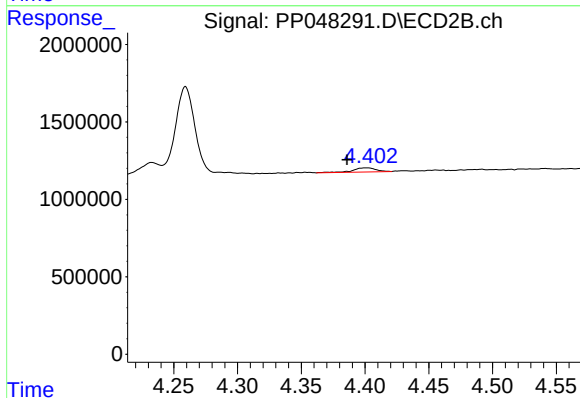
R.T.: 5.240 min
Delta R.T.: -0.010 min
Response: 1257382
Conc: 30.11 ng/ml



#21 AR-1248-1

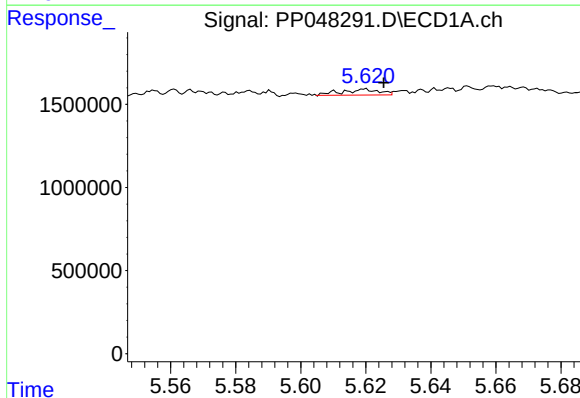
R.T.: 5.328 min
Delta R.T.: 0.003 min
Response: 400149
Conc: 9.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



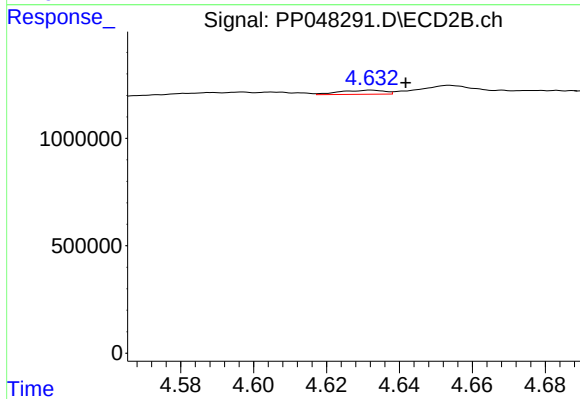
#21 AR-1248-1

R.T.: 4.403 min
Delta R.T.: 0.017 min
Response: 328241
Conc: 8.97 ng/ml



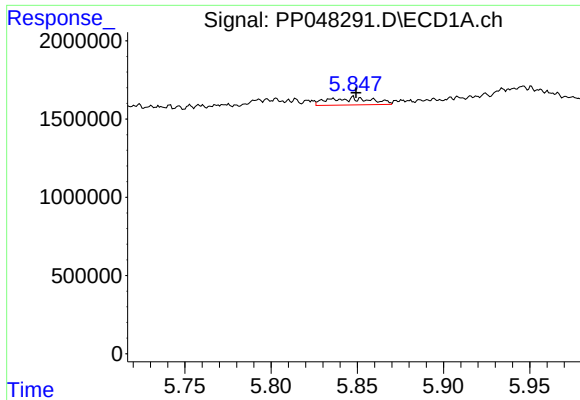
#22 AR-1248-2

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 288562
Conc: 5.05 ng/ml



#22 AR-1248-2

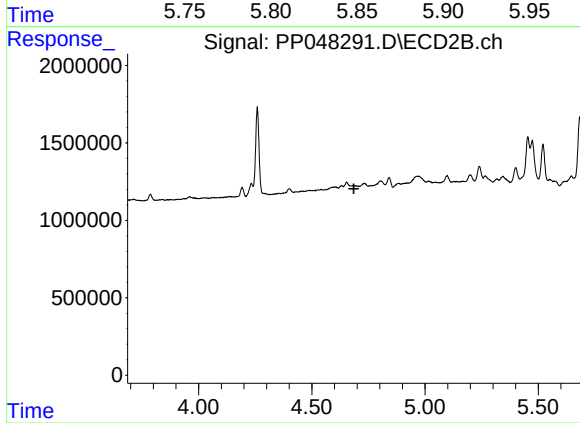
R.T.: 4.632 min
Delta R.T.: -0.010 min
Response: 163498
Conc: 3.43 ng/ml



#23 AR-1248-3

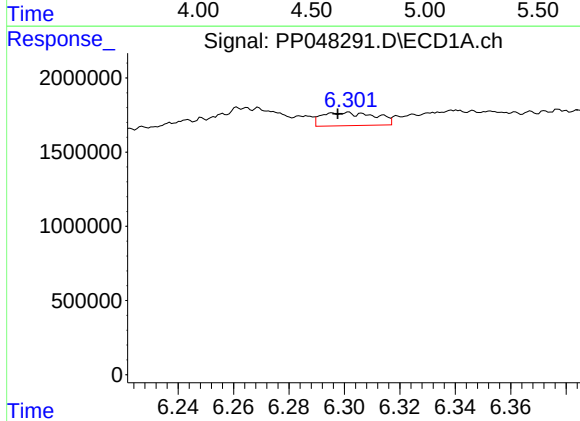
R.T.: 5.835 min
Delta R.T.: -0.014 min
Response: 820745
Conc: 12.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



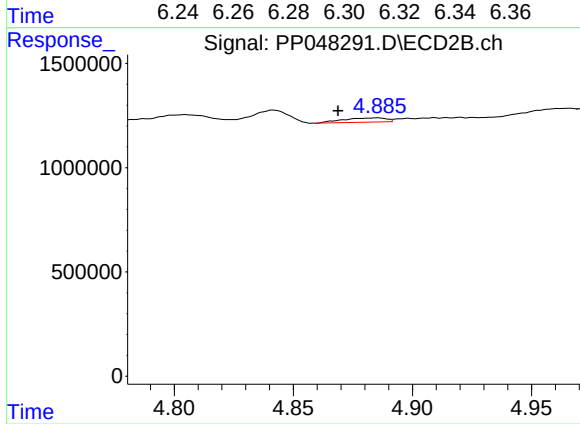
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.686 min
Response: 0
Conc: N.D.



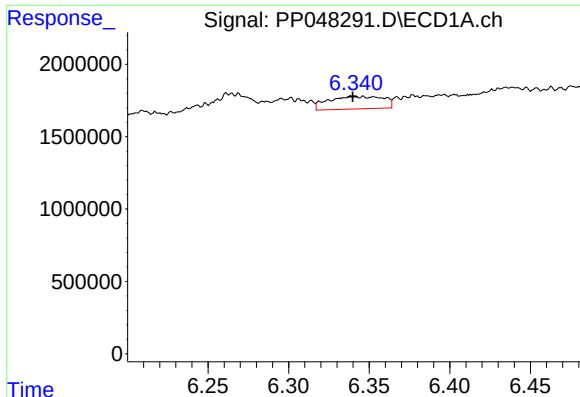
#24 AR-1248-4

R.T.: 6.300 min
Delta R.T.: 0.002 min
Response: 1197904
Conc: 15.40 ng/ml



#24 AR-1248-4

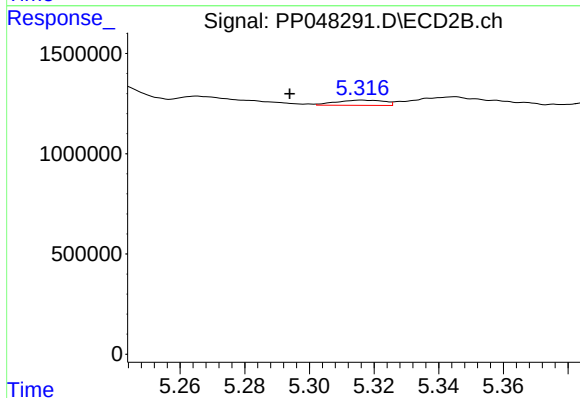
R.T.: 4.885 min
Delta R.T.: 0.017 min
Response: 256209
Conc: 4.40 ng/ml



#25 AR-1248-5

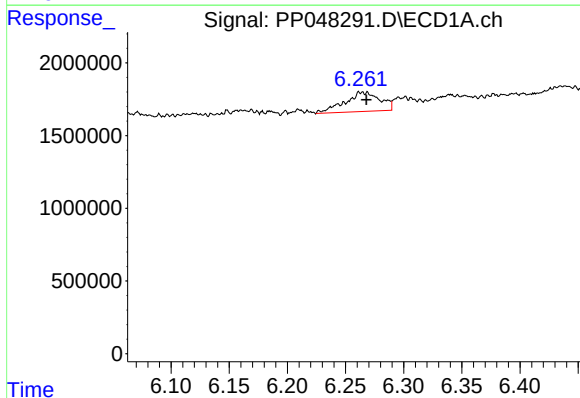
R.T.: 6.341 min
Delta R.T.: 0.001 min
Response: 2072410
Conc: 27.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



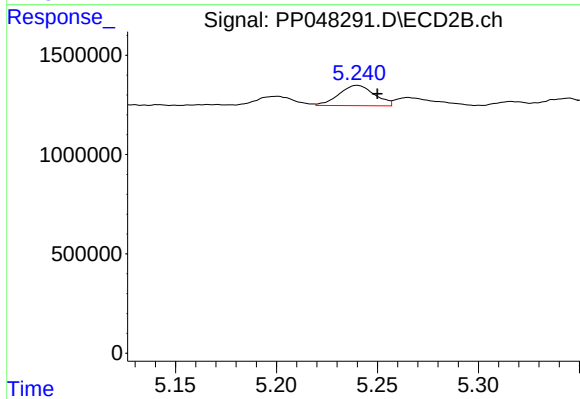
#25 AR-1248-5

R.T.: 5.316 min
Delta R.T.: 0.022 min
Response: 271211
Conc: 4.50 ng/ml



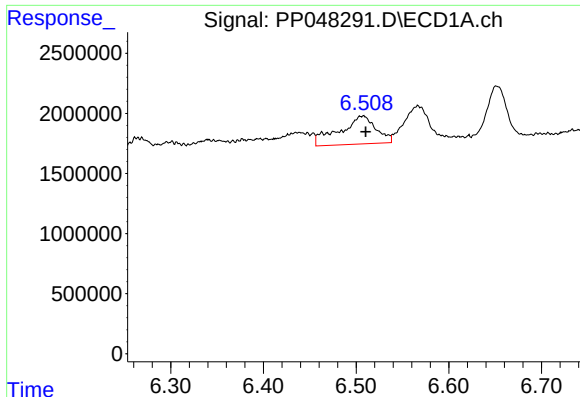
#26 AR-1254-1

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 2797132
Conc: 38.53 ng/ml



#26 AR-1254-1

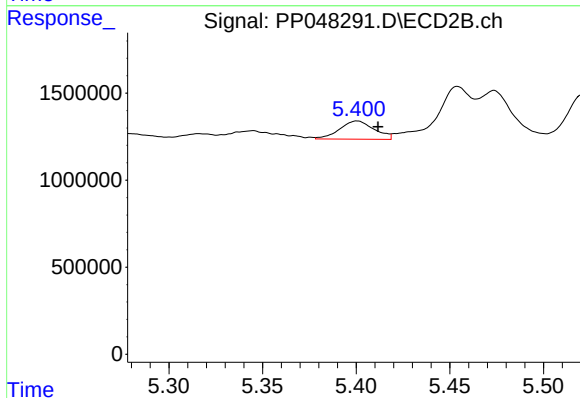
R.T.: 5.240 min
Delta R.T.: -0.010 min
Response: 1257382
Conc: 14.34 ng/ml



#27 AR-1254-2

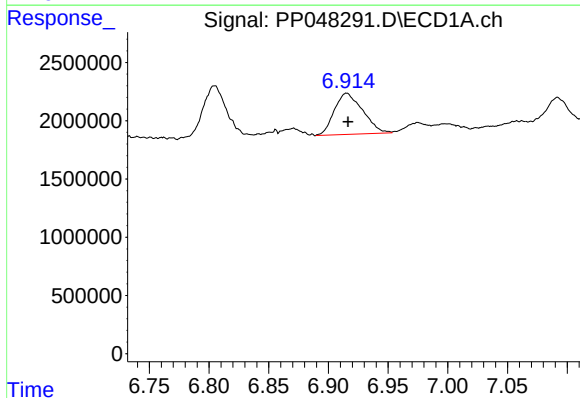
R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 6383995
Conc: 53.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



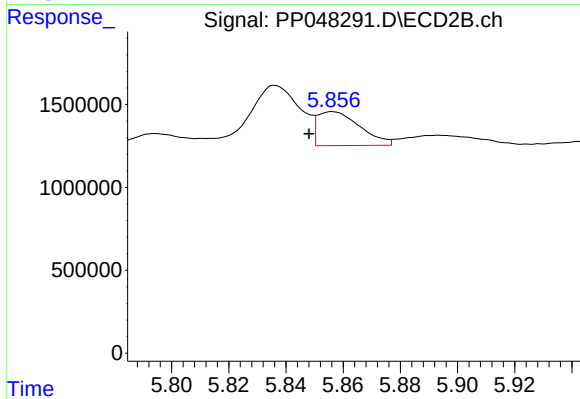
#27 AR-1254-2

R.T.: 5.401 min
Delta R.T.: -0.011 min
Response: 1349324
Conc: 17.96 ng/ml



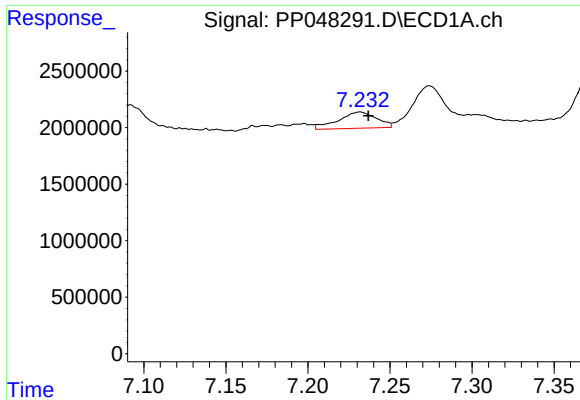
#28 AR-1254-3

R.T.: 6.915 min
Delta R.T.: -0.001 min
Response: 5862901
Conc: 49.35 ng/ml



#28 AR-1254-3

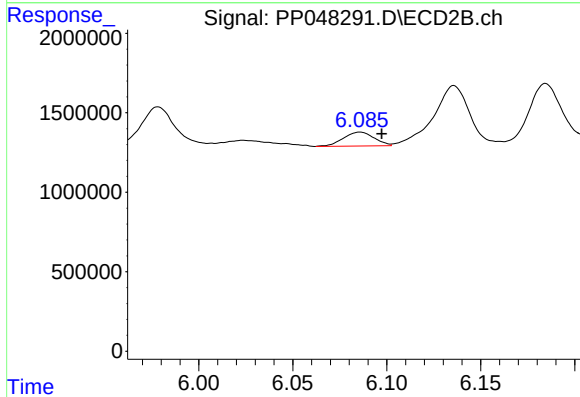
R.T.: 5.856 min
Delta R.T.: 0.008 min
Response: 2116695
Conc: 17.25 ng/ml



#29 AR-1254-4

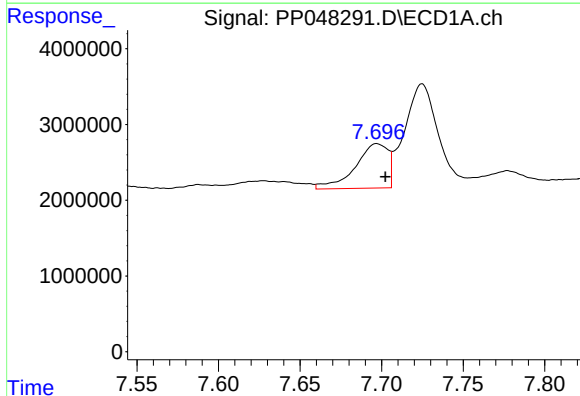
R.T.: 7.232 min
Delta R.T.: -0.005 min
Response: 2324115
Conc: 25.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



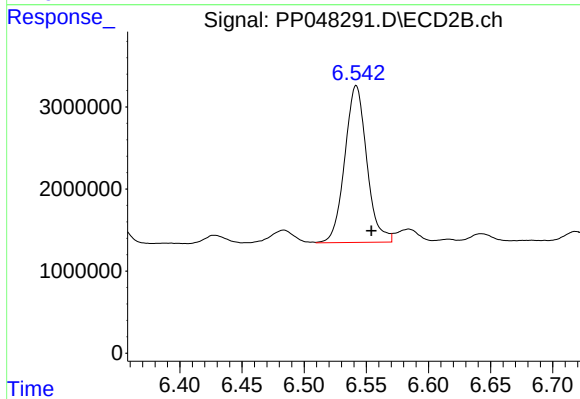
#29 AR-1254-4

R.T.: 6.086 min
Delta R.T.: -0.011 min
Response: 1006724
Conc: 13.41 ng/ml



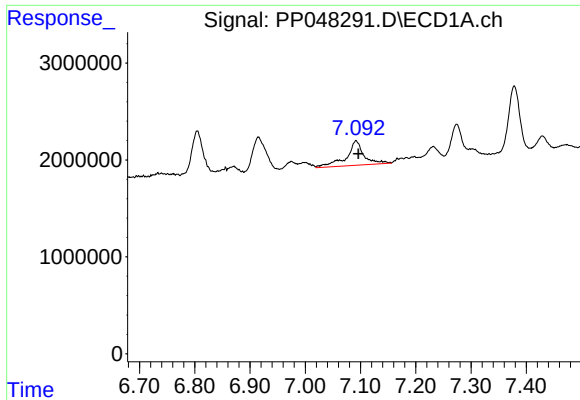
#30 AR-1254-5

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 8210751
Conc: 88.61 ng/ml



#30 AR-1254-5

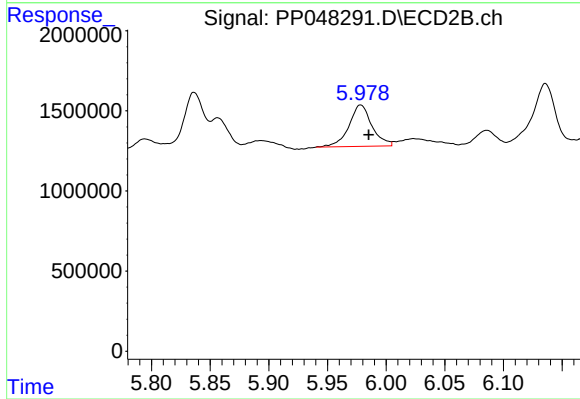
R.T.: 6.542 min
Delta R.T.: -0.012 min
Response: 23572365
Conc: 232.84 ng/ml



#31 AR-1260-1

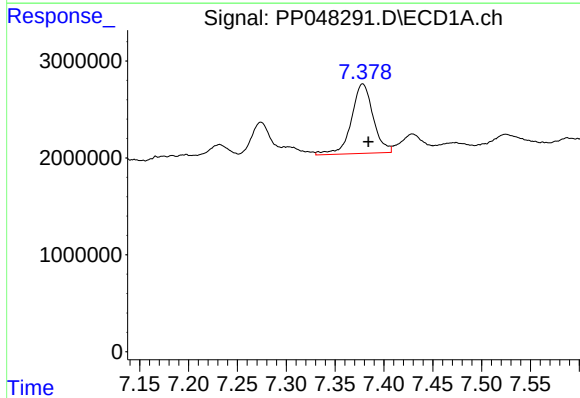
R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 5574634
Conc: 59.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



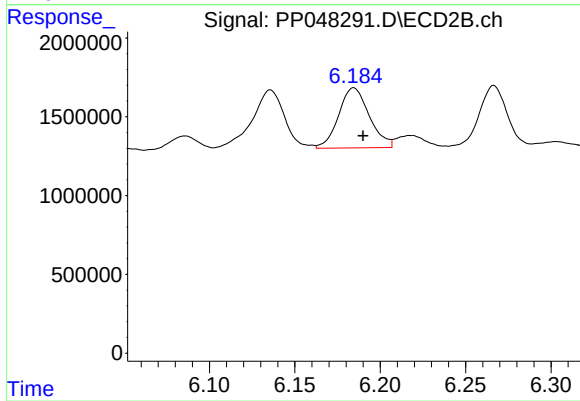
#31 AR-1260-1

R.T.: 5.978 min
Delta R.T.: -0.007 min
Response: 3540340
Conc: 41.36 ng/ml



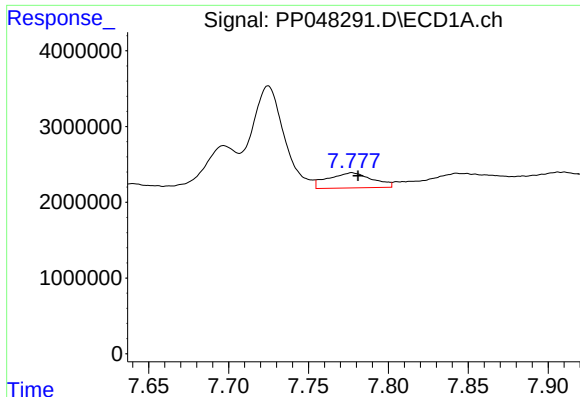
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 11111114
Conc: 99.40 ng/ml



#32 AR-1260-2

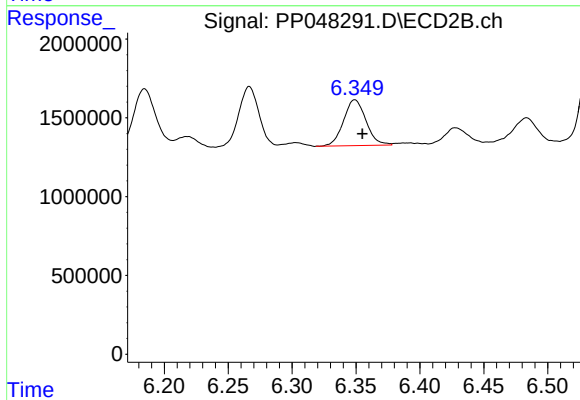
R.T.: 6.185 min
Delta R.T.: -0.005 min
Response: 4763911
Conc: 46.22 ng/ml



#33 AR-1260-3

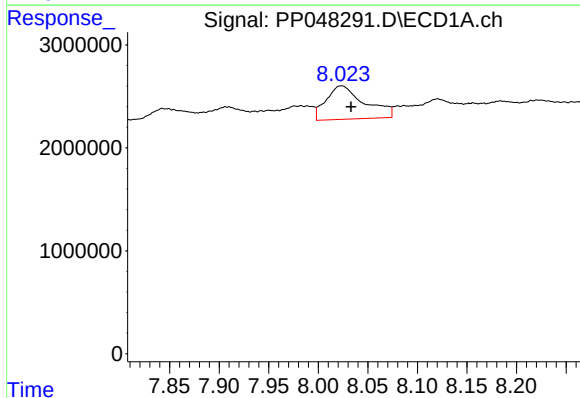
R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 3874401
Conc: 45.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



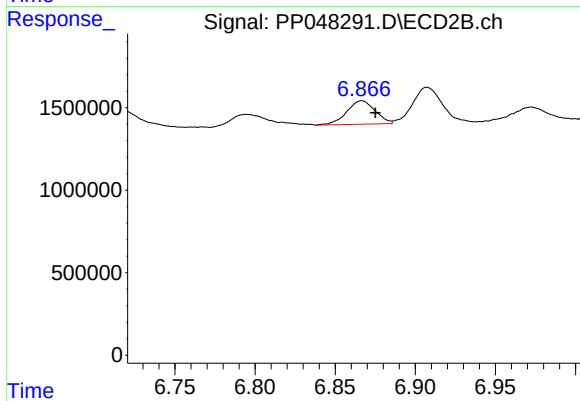
#33 AR-1260-3

R.T.: 6.349 min
Delta R.T.: -0.006 min
Response: 3560472
Conc: 35.96 ng/ml



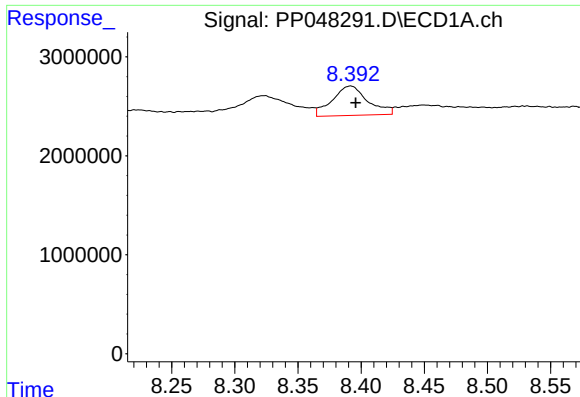
#34 AR-1260-4

R.T.: 8.023 min
Delta R.T.: -0.010 min
Response: 8754464
Conc: 84.37 ng/ml



#34 AR-1260-4

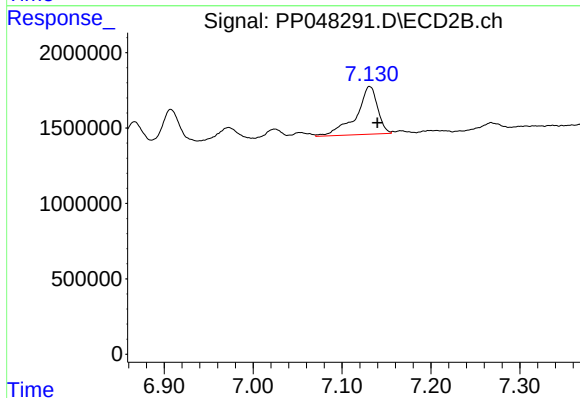
R.T.: 6.867 min
Delta R.T.: -0.008 min
Response: 1757665
Conc: 21.11 ng/ml



#35 AR-1260-5

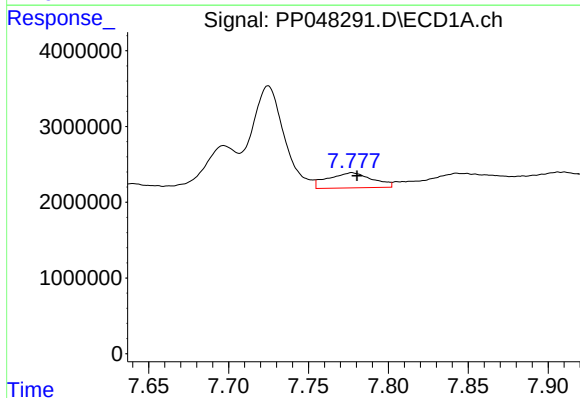
R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 5825716
Conc: 28.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



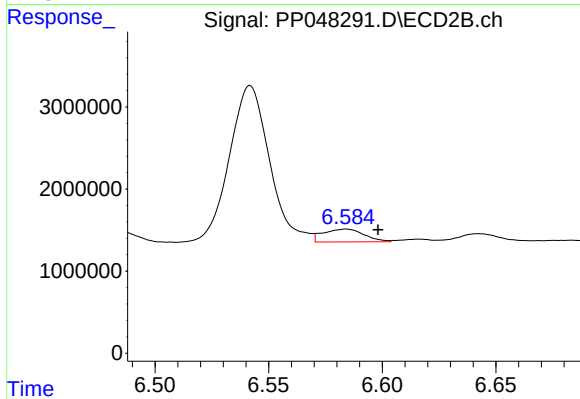
#35 AR-1260-5

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 5329714
Conc: 26.86 ng/ml



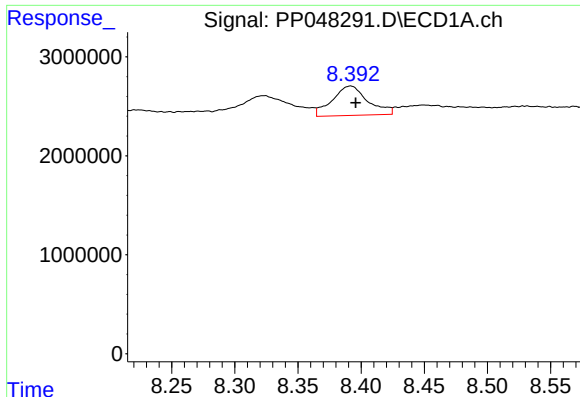
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 3874401
Conc: 33.97 ng/ml



#36 AR-1262-1

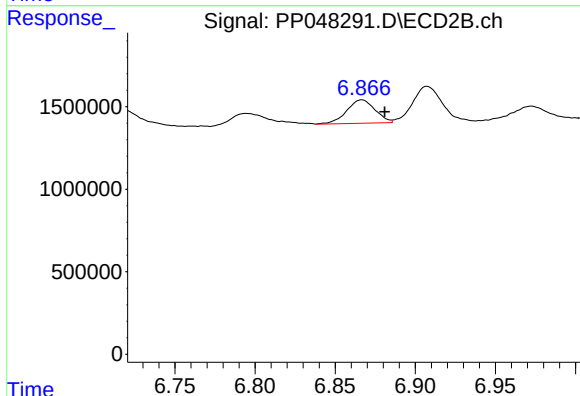
R.T.: 6.584 min
Delta R.T.: -0.014 min
Response: 1971029
Conc: 18.24 ng/ml



#37 AR-1262-2

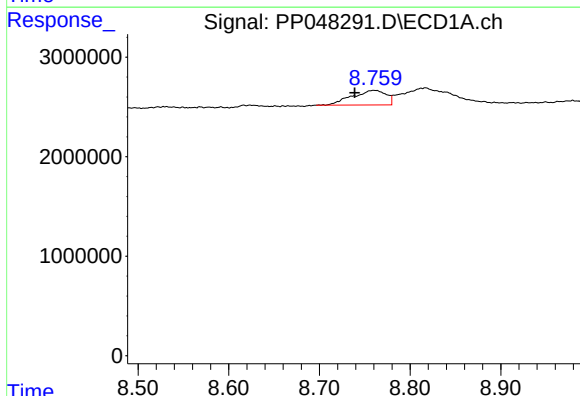
R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 5825716
Conc: 27.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



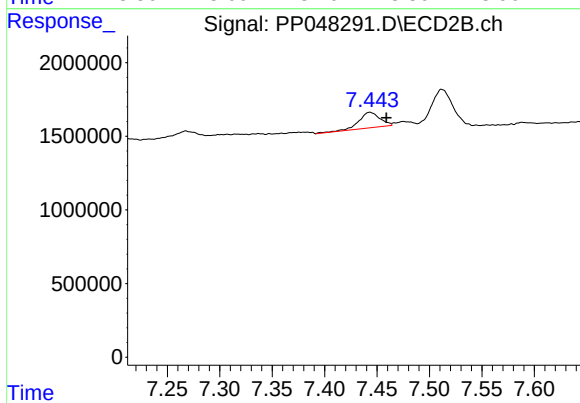
#37 AR-1262-2

R.T.: 6.867 min
Delta R.T.: -0.014 min
Response: 1757665
Conc: 17.76 ng/ml



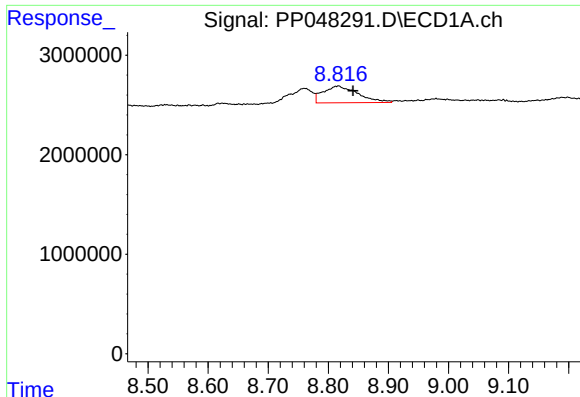
#38 AR-1262-3

R.T.: 8.760 min
Delta R.T.: 0.021 min
Response: 3848655
Conc: 41.30 ng/ml



#38 AR-1262-3

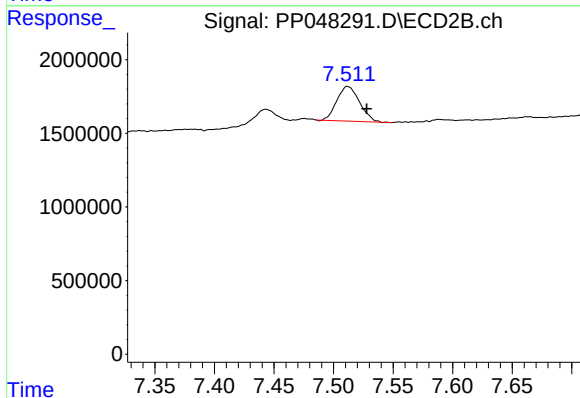
R.T.: 7.443 min
Delta R.T.: -0.016 min
Response: 1481357
Conc: 19.68 ng/ml



#39 AR-1262-4

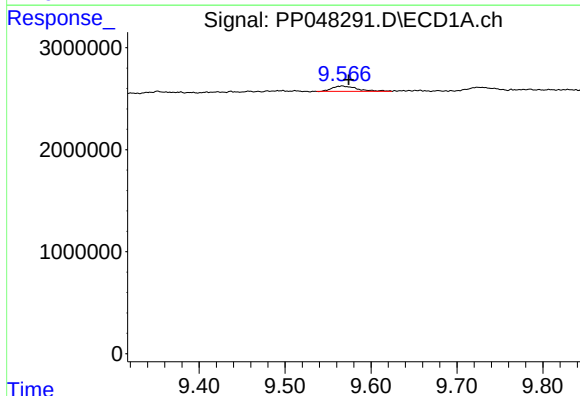
R.T.: 8.816 min
Delta R.T.: -0.025 min
Response: 6774297
Conc: 113.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



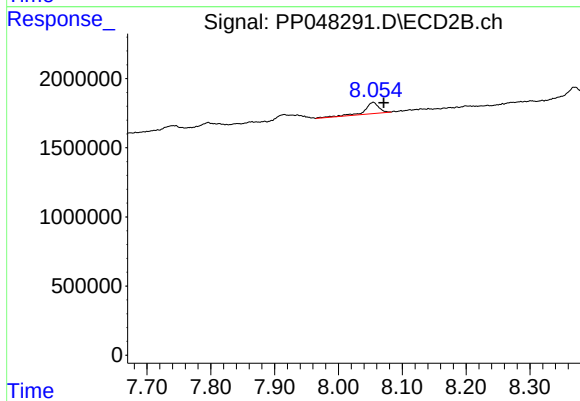
#39 AR-1262-4

R.T.: 7.512 min
Delta R.T.: -0.016 min
Response: 3122770
Conc: 21.44 ng/ml



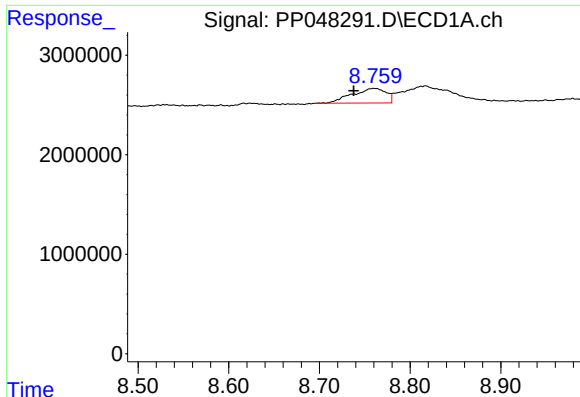
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.008 min
Response: 1078866
Conc: 13.63 ng/ml



#40 AR-1262-5

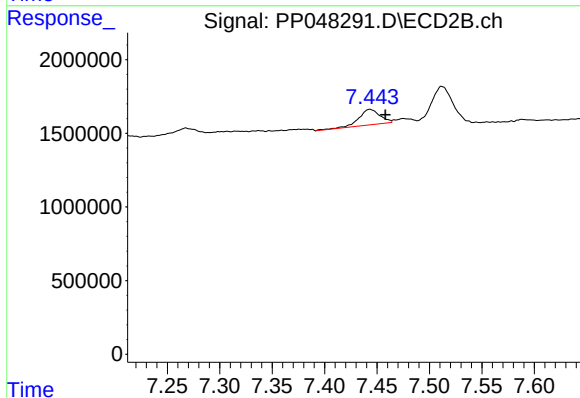
R.T.: 8.055 min
Delta R.T.: -0.016 min
Response: 1313796
Conc: 19.47 ng/ml



#41 AR-1268-1

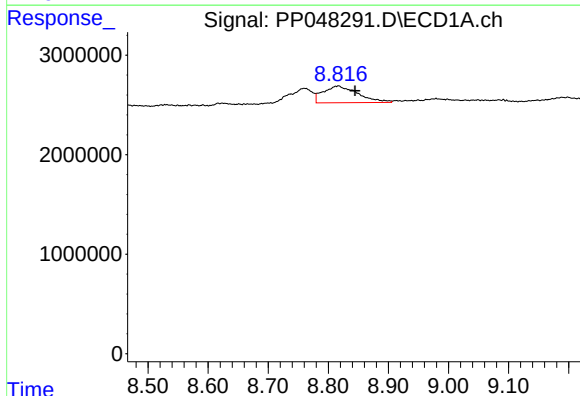
R.T.: 8.760 min
Delta R.T.: 0.022 min
Response: 3848655
Conc: 14.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



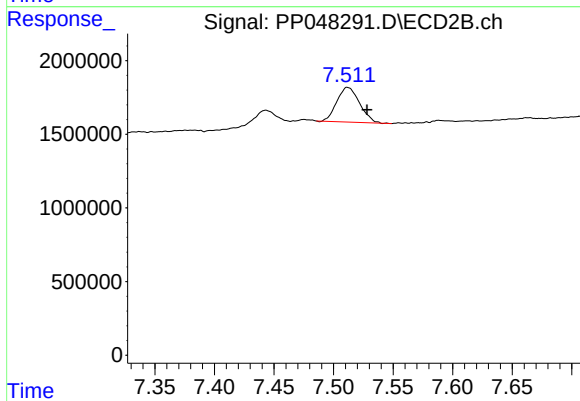
#41 AR-1268-1

R.T.: 7.443 min
Delta R.T.: -0.015 min
Response: 1481357
Conc: 6.34 ng/ml



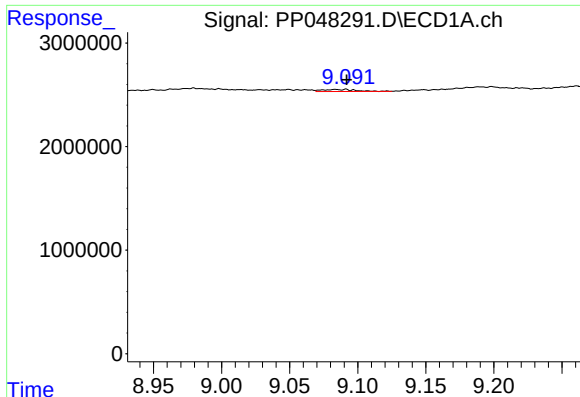
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: -0.029 min
Response: 6774297
Conc: 28.05 ng/ml



#42 AR-1268-2

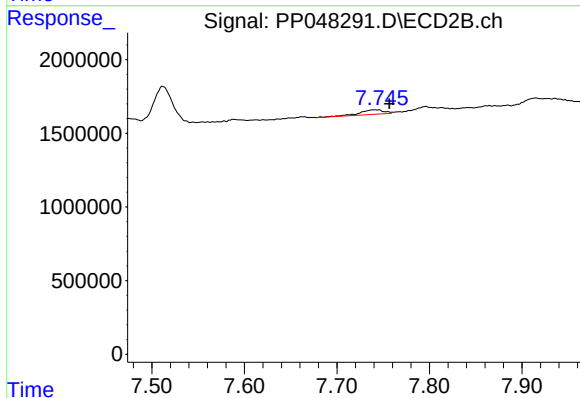
R.T.: 7.512 min
Delta R.T.: -0.016 min
Response: 3122770
Conc: 14.43 ng/ml



#43 AR-1268-3

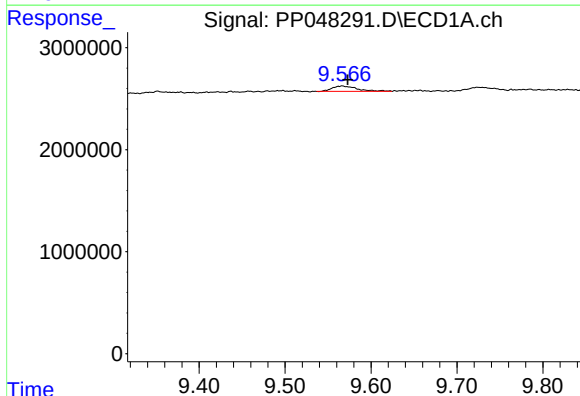
R.T.: 9.086 min
Delta R.T.: -0.006 min
Response: 331840
Conc: 1.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



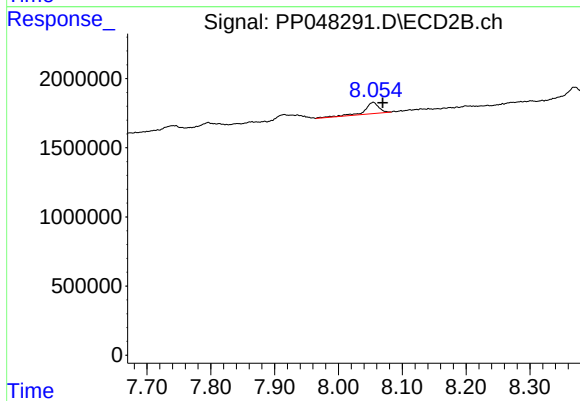
#43 AR-1268-3

R.T.: 7.741 min
Delta R.T.: -0.016 min
Response: 555864
Conc: 2.99 ng/ml



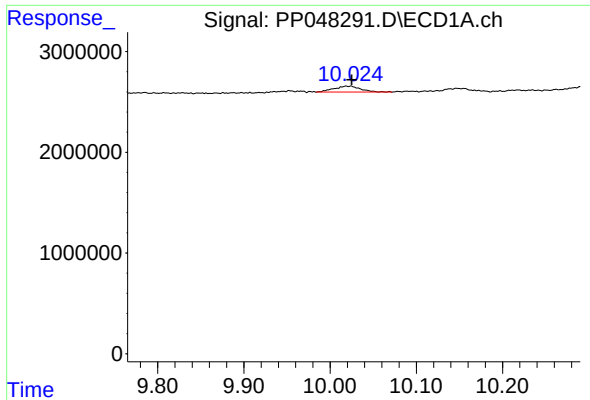
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.006 min
Response: 1078866
Conc: 12.01 ng/ml



#44 AR-1268-4

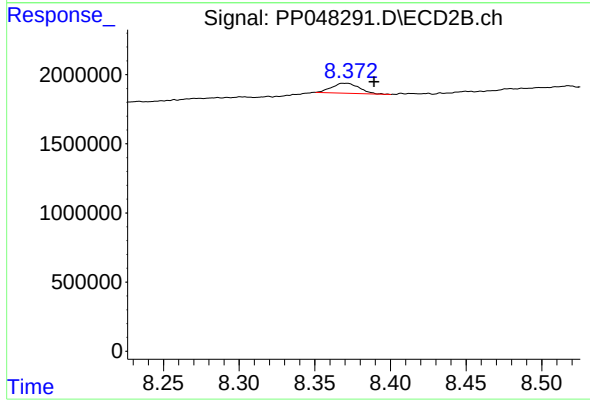
R.T.: 8.055 min
Delta R.T.: -0.015 min
Response: 1313796
Conc: 15.99 ng/ml



#45 AR-1268-5

R.T.: 10.021 min
Delta R.T.: -0.004 min
Response: 1280969
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.370 min
Delta R.T.: -0.019 min
Response: 909796
Conc: 1.50 ng/ml