

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060322\
 Data File : PP048400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 14:42
 Operator : YP\AJ
 Sample : N2988-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:50:54 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...	4.033	3.213	50571160	41797072	21.595	21.208
2)	SA Decachlor...	10.383	8.639	28749546	23358156	14.792	14.450
Target Compounds							
3)	L1 AR-1016-1	5.337	4.397	486680	52188	5.771	0.776 #
4)	L1 AR-1016-2	5.337	4.397	486680	52188	4.113	0.560 #
5)	L1 AR-1016-3	5.401f	0.000	369830	0	5.473	N.D. #
6)	L1 AR-1016-4	5.521	0.000	425635	0	6.905	N.D. #
7)	L1 AR-1016-5	5.869f	0.000	873861	0	15.513	N.D. #
8)	L2 AR-1221-1	4.270	0.000	3526149	0	133.383	N.D. #
9)	L2 AR-1221-2	4.366	0.000	677560	0	33.082	N.D. #
10)	L2 AR-1221-3	4.473f	0.000	387688	0	6.192	N.D. #
11)	L3 AR-1232-1	4.473f	0.000	387688	0	7.464	N.D. #
12)	L3 AR-1232-2	0.000	4.397	0	52188	N.D.	1.295 #
13)	L3 AR-1232-3	5.337	0.000	486680	0	9.808	N.D. #
14)	L3 AR-1232-4	5.521	0.000	425635	0	17.805	N.D. #
15)	L3 AR-1232-5	5.609f	0.000	268499	0	16.435	N.D. #
16)	L4 AR-1242-1	5.337	4.397	486680	52188	8.703	1.094 #
17)	L4 AR-1242-2	5.337	4.397	486680	52188	5.917	0.785 #
18)	L4 AR-1242-3	5.433f	0.000	103707	0	2.113	N.D. #
19)	L4 AR-1242-4	5.521	0.000	425635	0	10.756	N.D. #
20)	L4 AR-1242-5	6.349	5.261	4824061	154782	113.269	3.706 #
21)	L5 AR-1248-1	5.337	4.397	486680	52188	11.283	1.426 #
22)	L5 AR-1248-2	5.609f	0.000	268499	0	4.695	N.D. #
23)	L5 AR-1248-3	5.869f	0.000	873861	0	12.911	N.D. #
25)	L5 AR-1248-5	6.349	0.000	4824061	0	63.419	N.D. #
26)	L6 AR-1254-1	6.267	5.261	3061247	154782	42.168	1.766 #
27)	L6 AR-1254-2	6.504	5.395f	10979528	687027	92.275	9.144 #
28)	L6 AR-1254-3	6.916	5.848	1126131	1980985	9.480	16.146 #
29)	L6 AR-1254-4	7.236	6.083	1898051	100833	21.043	1.343 #
30)	L6 AR-1254-5	7.694	6.534f	8039556	5771736	86.760	57.012 #
31)	L7 AR-1260-1	7.092	5.973	5049154	3746571	54.096	43.767
32)	L7 AR-1260-2	7.378	6.178	7448954	5129859	66.636	49.767 #
33)	L7 AR-1260-3	7.776	6.345	6845837	3255775	79.922	32.879 #
34)	L7 AR-1260-4	8.028	6.860	8159712	3621716	78.643	43.504 #
35)	L7 AR-1260-5	8.389	7.126	13233804	9889607	64.131	49.844
36)	L8 AR-1262-1	7.776	6.578f	6845837	5280658	60.025	48.876
37)	L8 AR-1262-2	8.389	6.860f	13233804	3621716	62.087	36.596 #
38)	L8 AR-1262-3	8.757f	7.437f	6493638	2633646	69.679	34.996 #
39)	L8 AR-1262-4	8.814f	7.505f	4996218	6226364	84.029	42.750 #
40)	L8 AR-1262-5	9.567	8.048f	2431772	2628263	30.725	38.941 #
41)	L9 AR-1268-1	8.757f	7.437f	6493638	2633646	24.547	11.277 #
42)	L9 AR-1268-2	0.000	7.505f	0	6226364	N.D.	28.777 #

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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
43) L9	AR-1268-3	9.064f	7.761	505555	31294	2.459	0.168 #
44) L9	AR-1268-4	9.567	8.048f	2431772	2628263	27.071	31.993
45) L9	AR-1268-5	10.015	8.367f	640492	349274	0.907	0.576 #

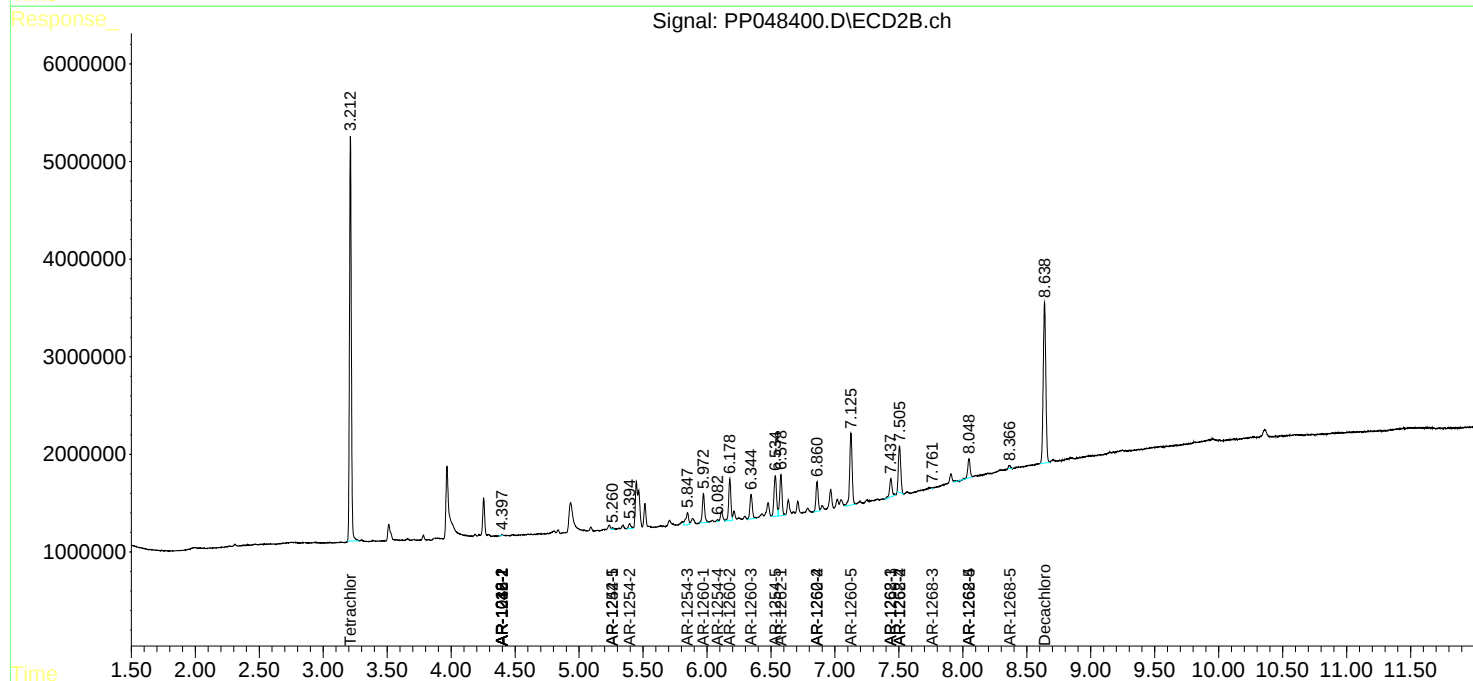
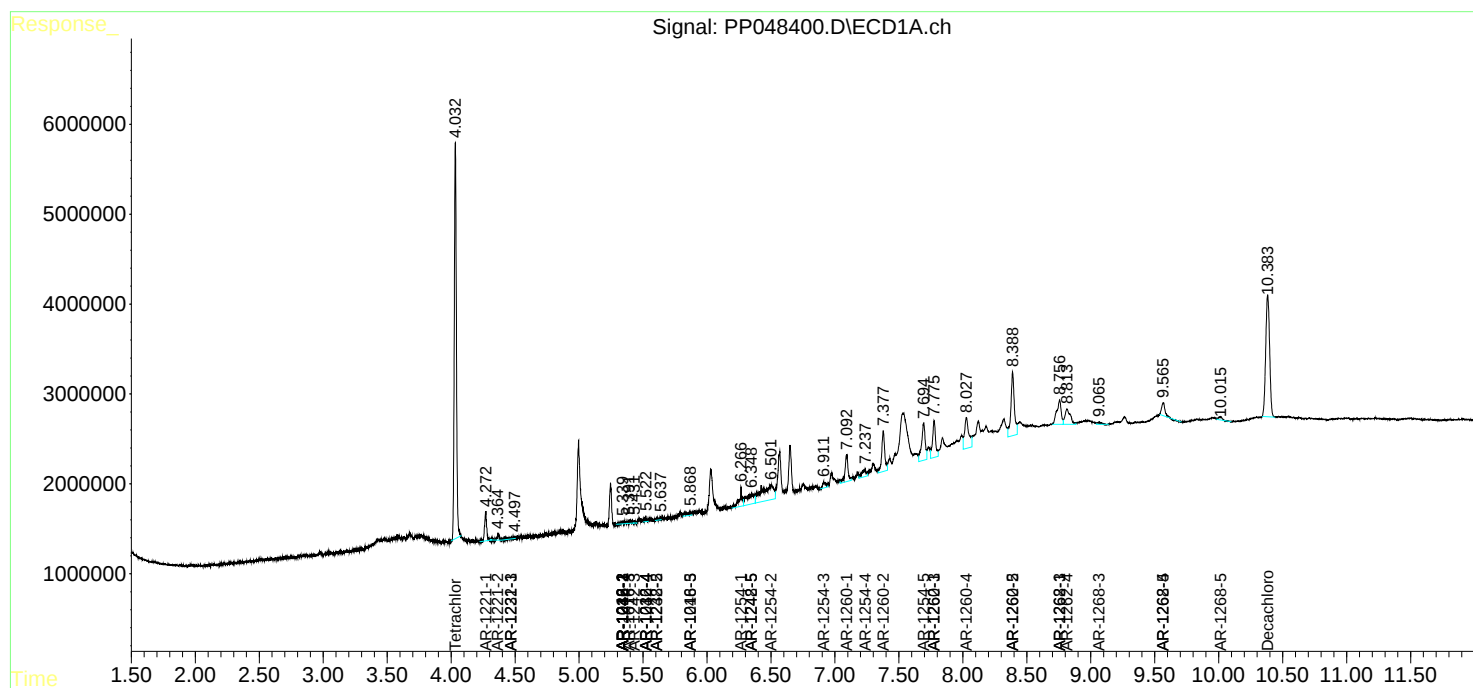
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

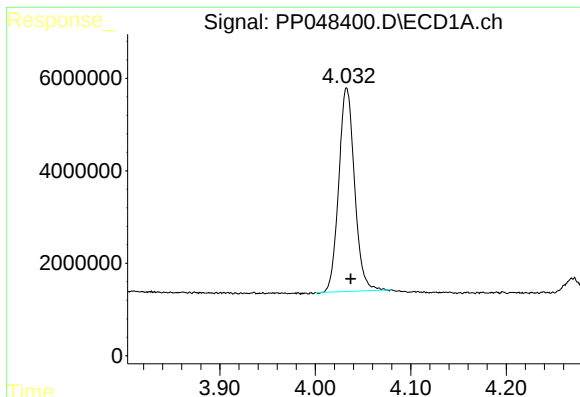
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

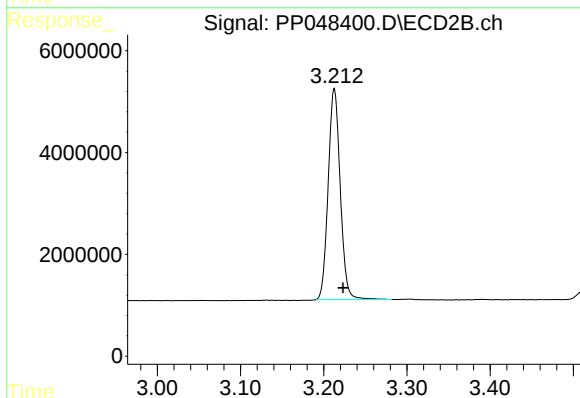




#1 Tetrachloro-m-xylene

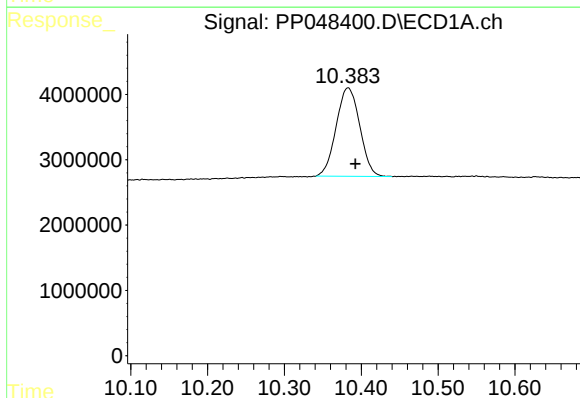
R.T.: 4.033 min
Delta R.T.: -0.004 min
Response: 50571160
Conc: 21.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



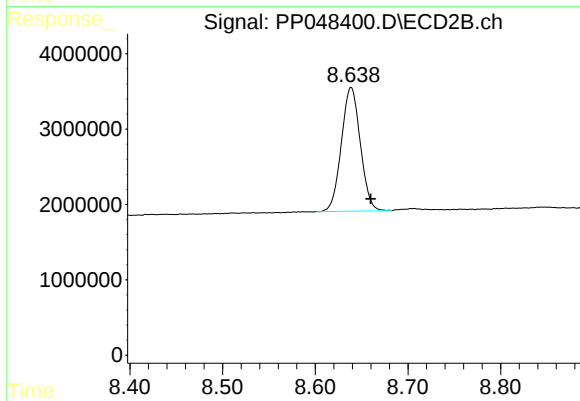
#1 Tetrachloro-m-xylene

R.T.: 3.213 min
Delta R.T.: -0.010 min
Response: 41797072
Conc: 21.21 ng/ml



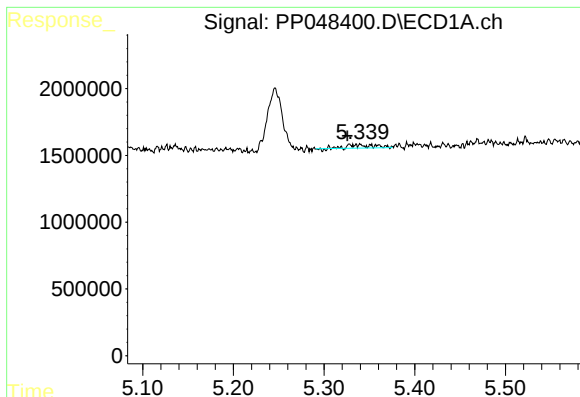
#2 Decachlorobiphenyl

R.T.: 10.383 min
Delta R.T.: -0.010 min
Response: 28749546
Conc: 14.79 ng/ml



#2 Decachlorobiphenyl

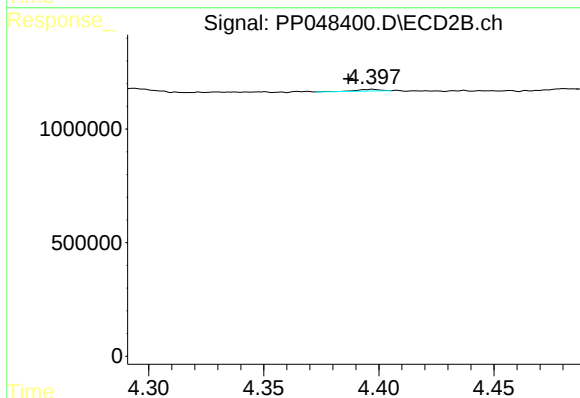
R.T.: 8.639 min
Delta R.T.: -0.021 min
Response: 23358156
Conc: 14.45 ng/ml



#3 AR-1016-1

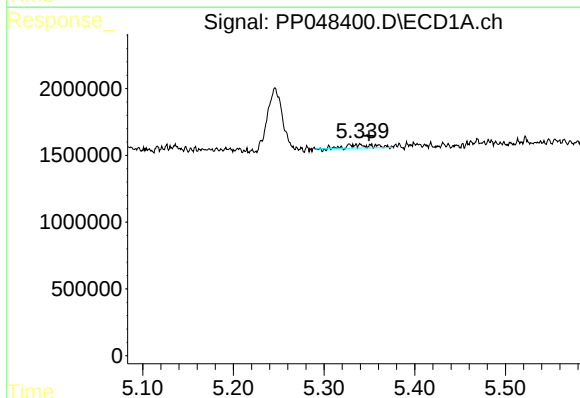
R.T.: 5.337 min
Delta R.T.: 0.012 min
Response: 486680
Conc: 5.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



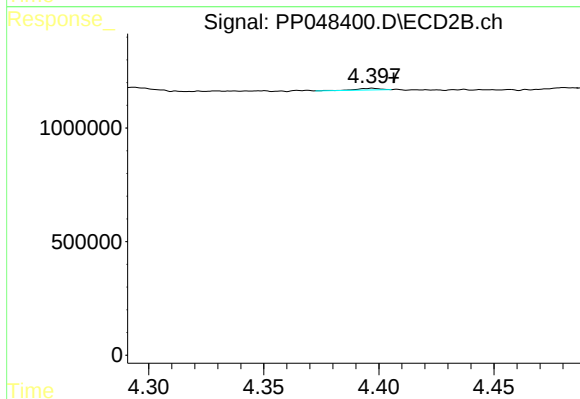
#3 AR-1016-1

R.T.: 4.397 min
Delta R.T.: 0.011 min
Response: 52188
Conc: 0.78 ng/ml



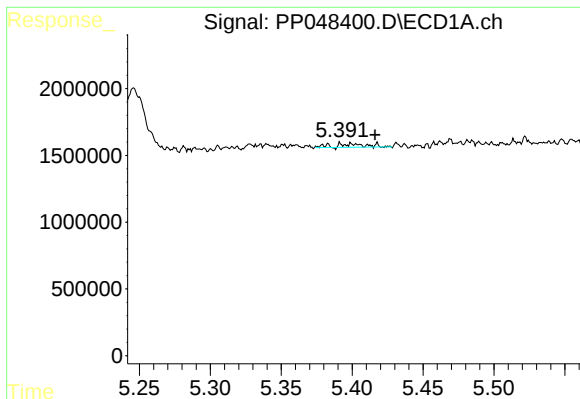
#4 AR-1016-2

R.T.: 5.337 min
Delta R.T.: -0.012 min
Response: 486680
Conc: 4.11 ng/ml



#4 AR-1016-2

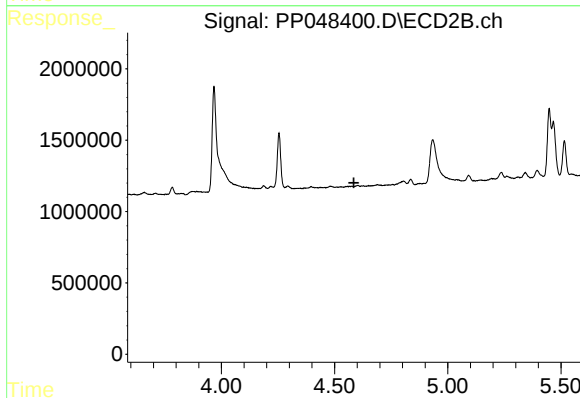
R.T.: 4.397 min
Delta R.T.: -0.009 min
Response: 52188
Conc: 0.56 ng/ml



#5 AR-1016-3

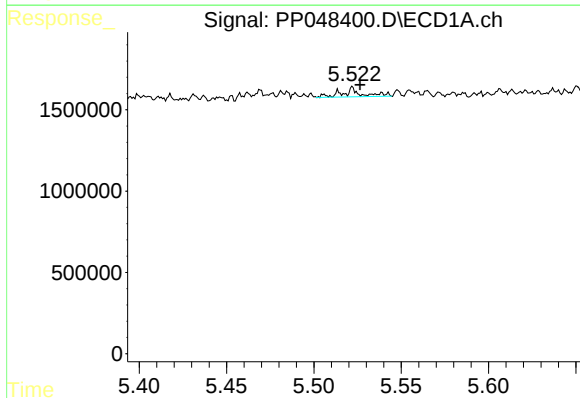
R.T.: 5.401 min
Delta R.T.: -0.016 min
Response: 369830
Conc: 5.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



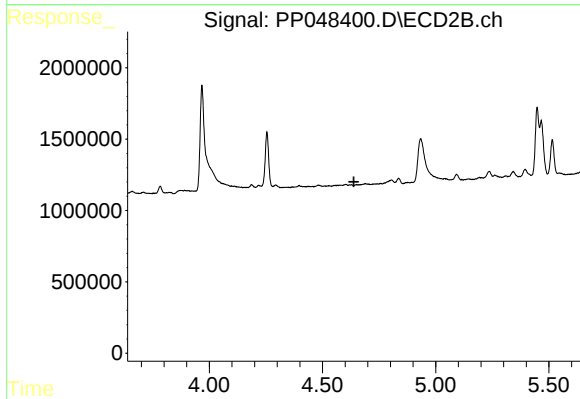
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.585 min
Response: 0
Conc: N.D.



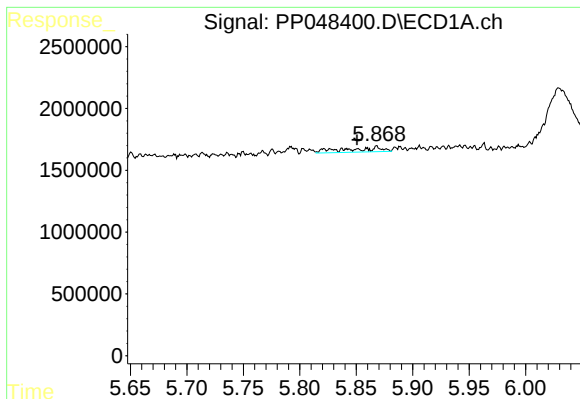
#6 AR-1016-4

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 425635
Conc: 6.91 ng/ml



#6 AR-1016-4

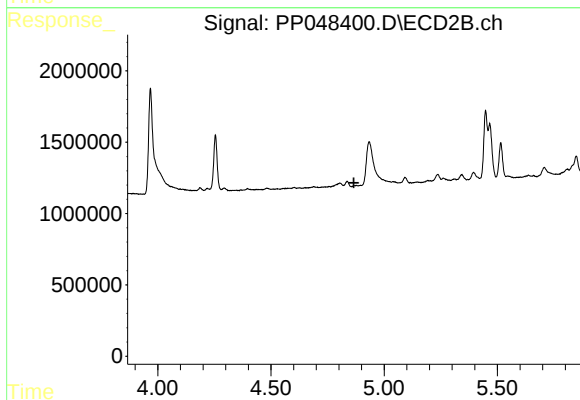
R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



#7 AR-1016-5

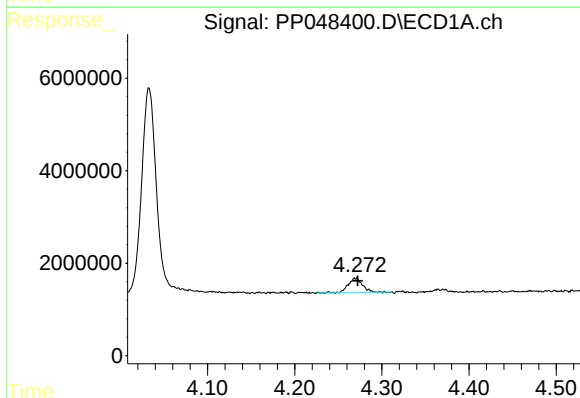
R.T.: 5.869 min
Delta R.T.: 0.018 min
Response: 873861
Conc: 15.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



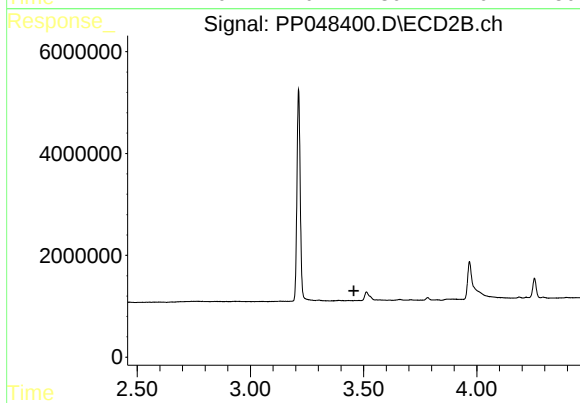
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.866 min
Response: 0
Conc: N.D.



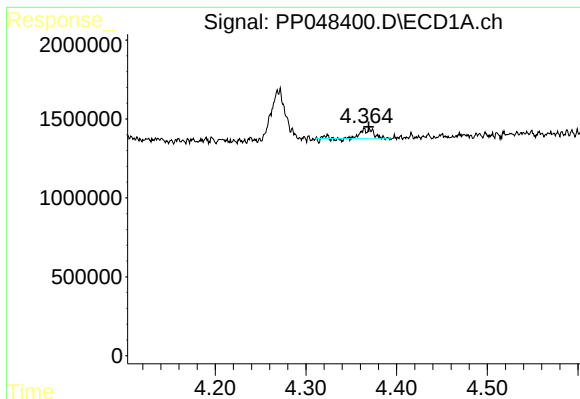
#8 AR-1221-1

R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 3526149
Conc: 133.38 ng/ml



#8 AR-1221-1

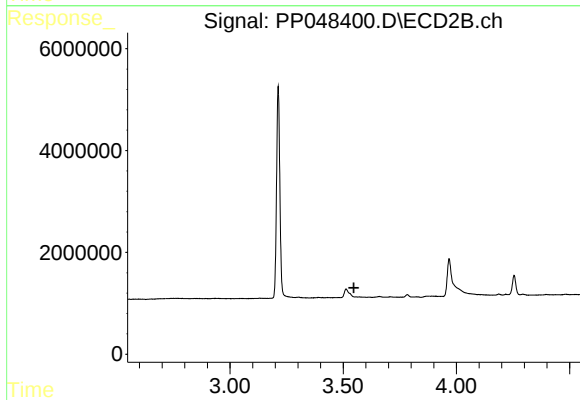
R.T.: 0.000 min
Exp R.T. : 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

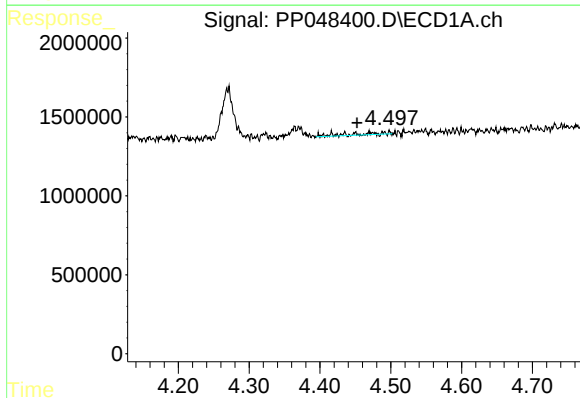
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 677560
Conc: 33.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



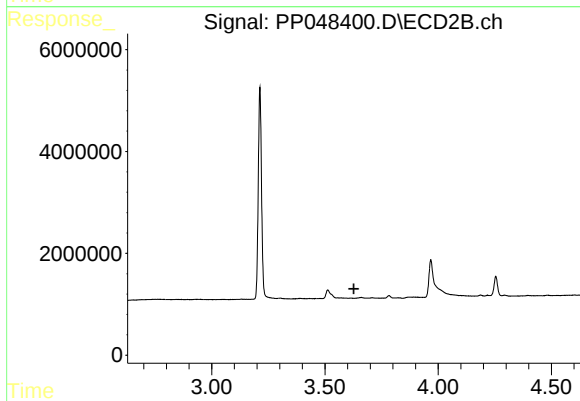
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.547 min
Response: 0
Conc: N.D.



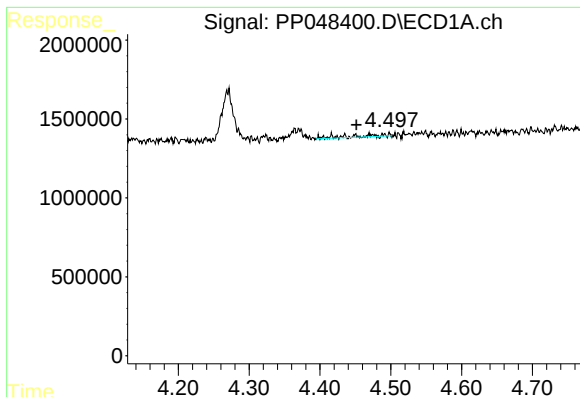
#10 AR-1221-3

R.T.: 4.473 min
Delta R.T.: 0.021 min
Response: 387688
Conc: 6.19 ng/ml



#10 AR-1221-3

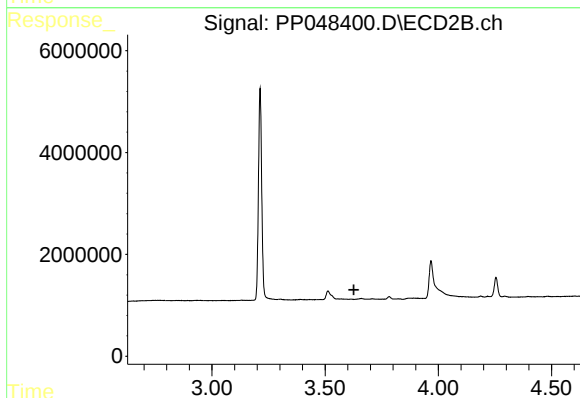
R.T.: 0.000 min
Exp R.T. : 3.628 min
Response: 0
Conc: N.D.



#11 AR-1232-1

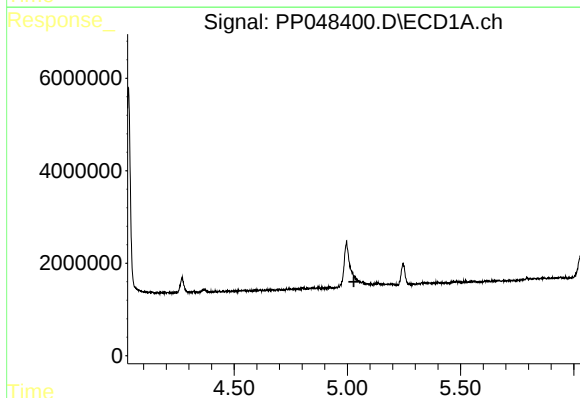
R.T.: 4.473 min
Delta R.T.: 0.022 min
Response: 387688
Conc: 7.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



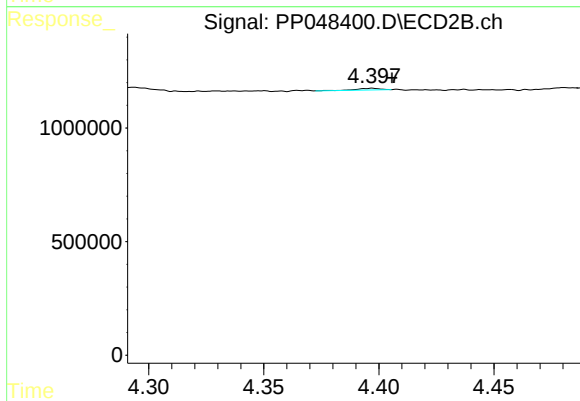
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.627 min
Response: 0
Conc: N.D.



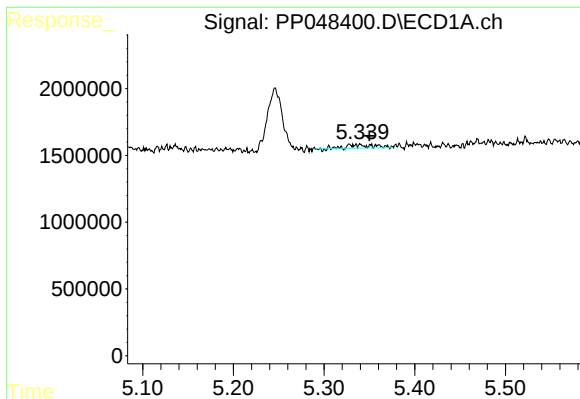
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



#12 AR-1232-2

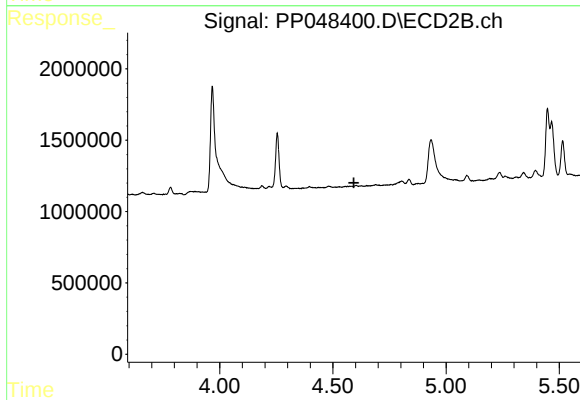
R.T.: 4.397 min
Delta R.T.: -0.008 min
Response: 52188
Conc: 1.30 ng/ml



#13 AR-1232-3

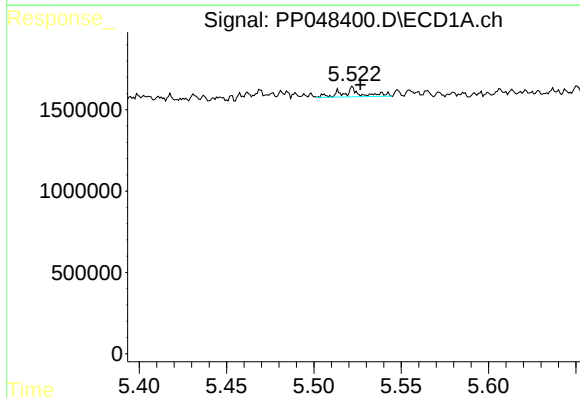
R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 486680
Conc: 9.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



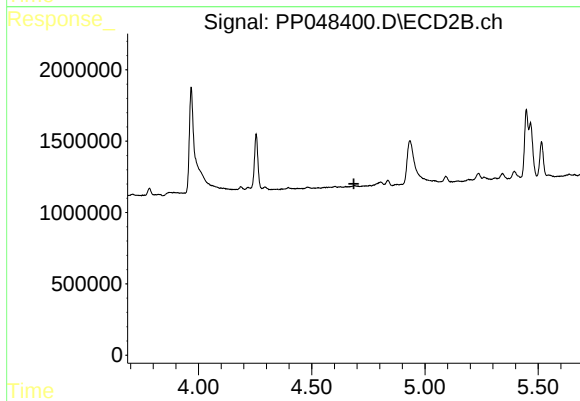
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



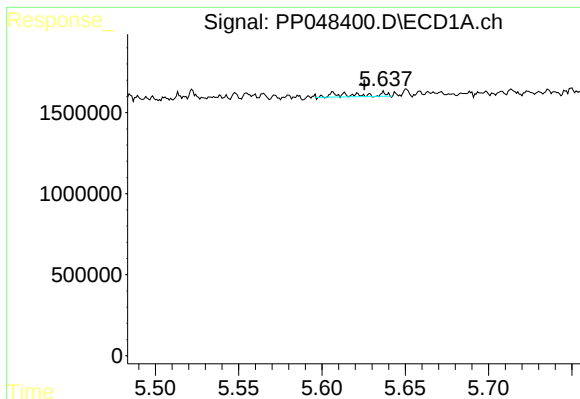
#14 AR-1232-4

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 425635
Conc: 17.81 ng/ml



#14 AR-1232-4

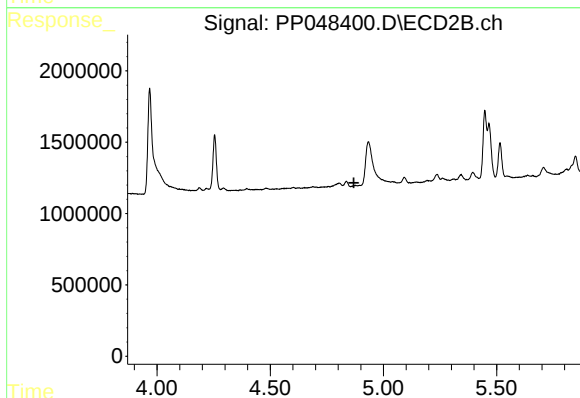
R.T.: 0.000 min
Exp R.T. : 4.686 min
Response: 0
Conc: N.D.



#15 AR-1232-5

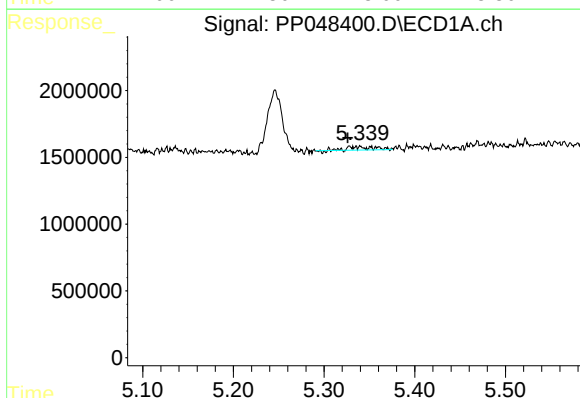
R.T.: 5.609 min
Delta R.T.: -0.017 min
Response: 268499
Conc: 16.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



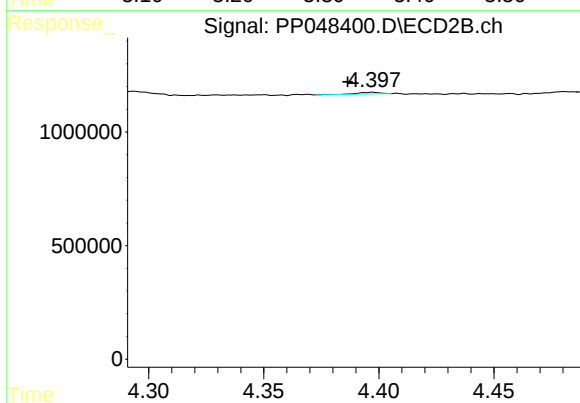
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



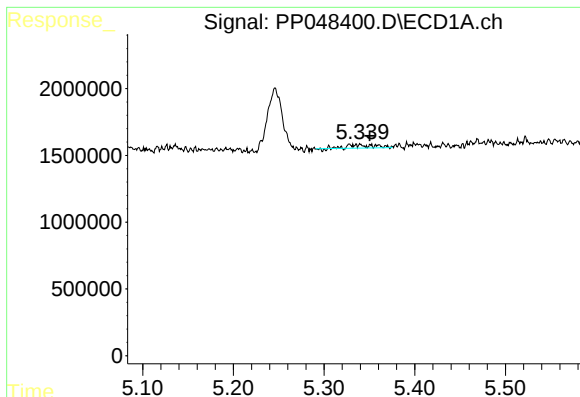
#16 AR-1242-1

R.T.: 5.337 min
Delta R.T.: 0.011 min
Response: 486680
Conc: 8.70 ng/ml



#16 AR-1242-1

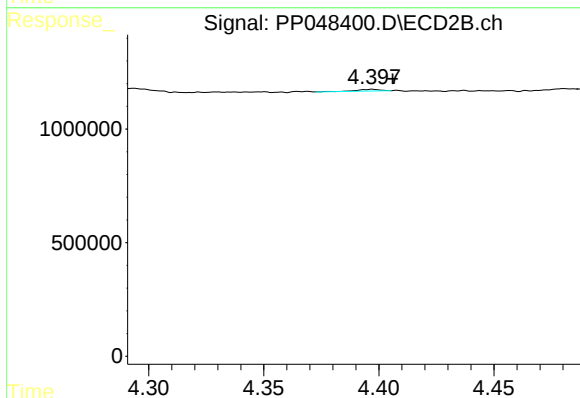
R.T.: 4.397 min
Delta R.T.: 0.011 min
Response: 52188
Conc: 1.09 ng/ml



#17 AR-1242-2

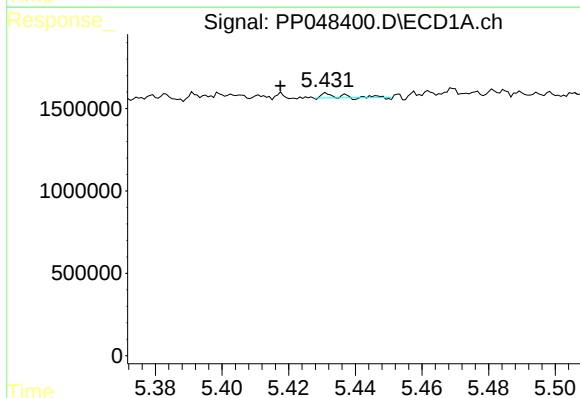
R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 486680
Conc: 5.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



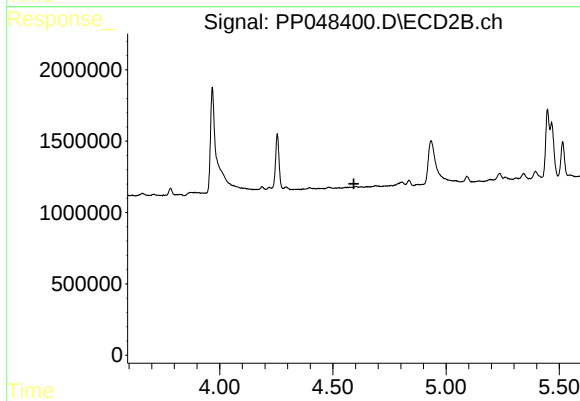
#17 AR-1242-2

R.T.: 4.397 min
Delta R.T.: -0.009 min
Response: 52188
Conc: 0.79 ng/ml



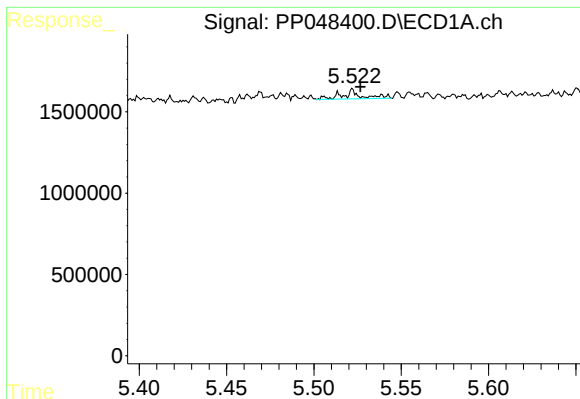
#18 AR-1242-3

R.T.: 5.433 min
Delta R.T.: 0.015 min
Response: 103707
Conc: 2.11 ng/ml



#18 AR-1242-3

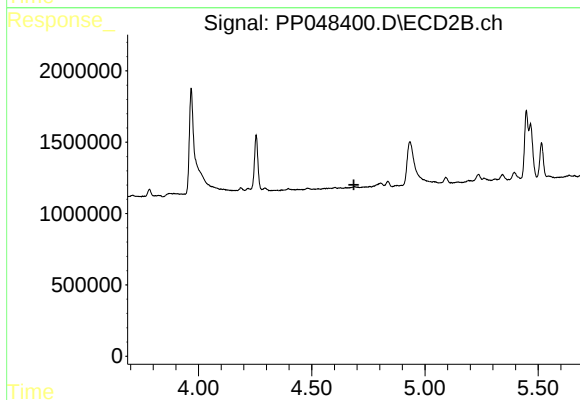
R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



#19 AR-1242-4

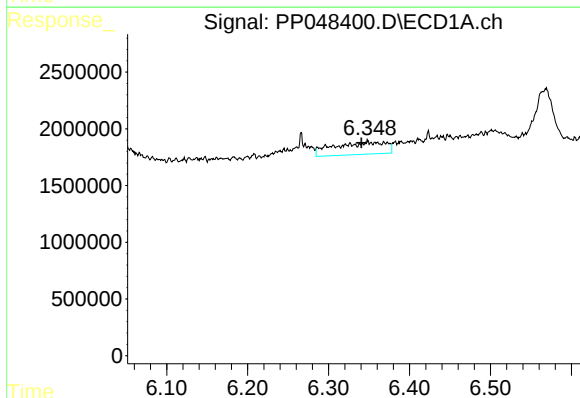
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 425635
Conc: 10.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



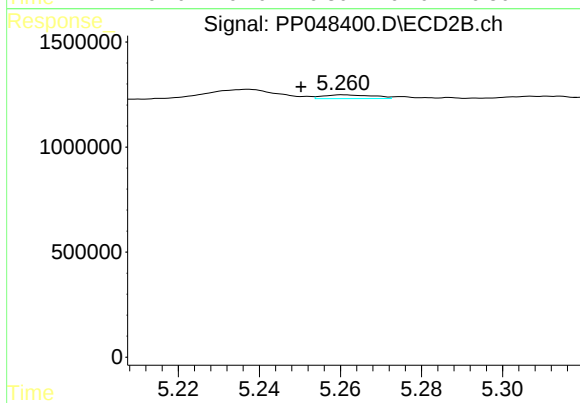
#19 AR-1242-4

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



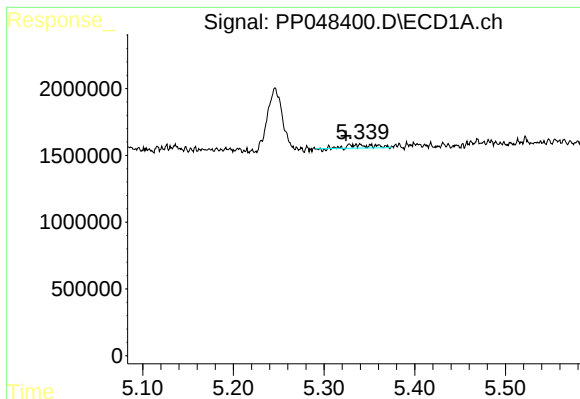
#20 AR-1242-5

R.T.: 6.349 min
Delta R.T.: 0.008 min
Response: 4824061
Conc: 113.27 ng/ml



#20 AR-1242-5

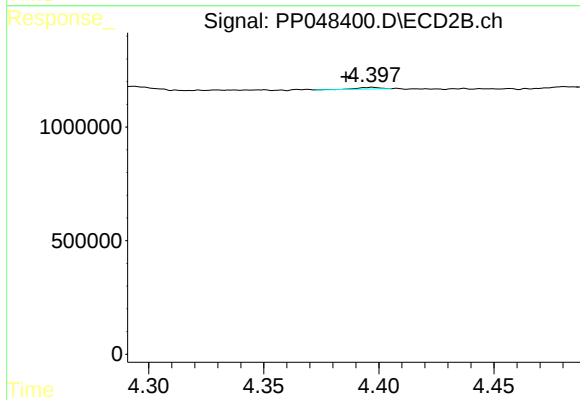
R.T.: 5.261 min
Delta R.T.: 0.010 min
Response: 154782
Conc: 3.71 ng/ml



#21 AR-1248-1

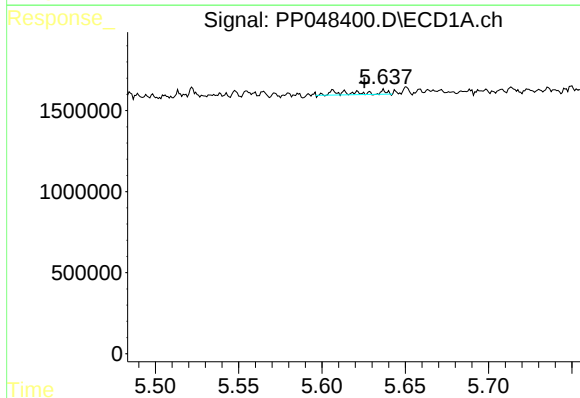
R.T.: 5.337 min
Delta R.T.: 0.013 min
Response: 486680
Conc: 11.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



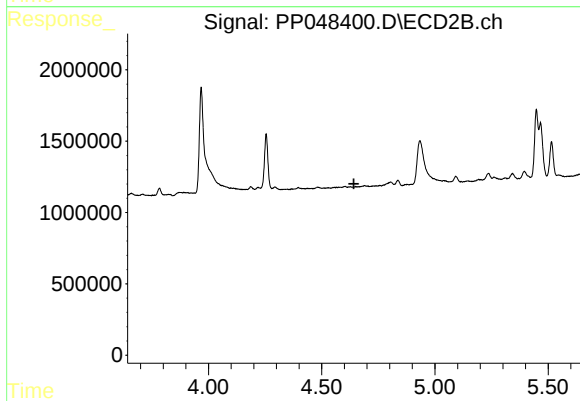
#21 AR-1248-1

R.T.: 4.397 min
Delta R.T.: 0.011 min
Response: 52188
Conc: 1.43 ng/ml



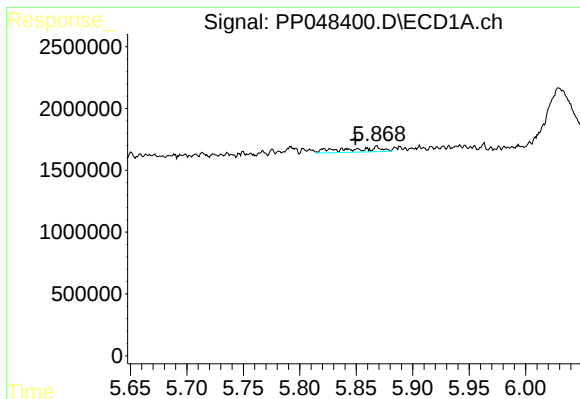
#22 AR-1248-2

R.T.: 5.609 min
Delta R.T.: -0.017 min
Response: 268499
Conc: 4.69 ng/ml



#22 AR-1248-2

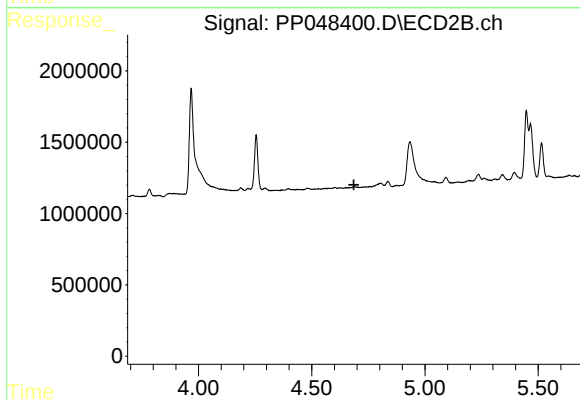
R.T.: 0.000 min
Exp R.T. : 4.642 min
Response: 0
Conc: N.D.



#23 AR-1248-3

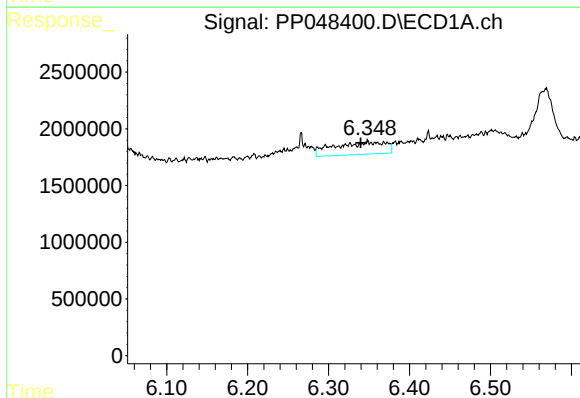
R.T.: 5.869 min
Delta R.T.: 0.019 min
Response: 873861
Conc: 12.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



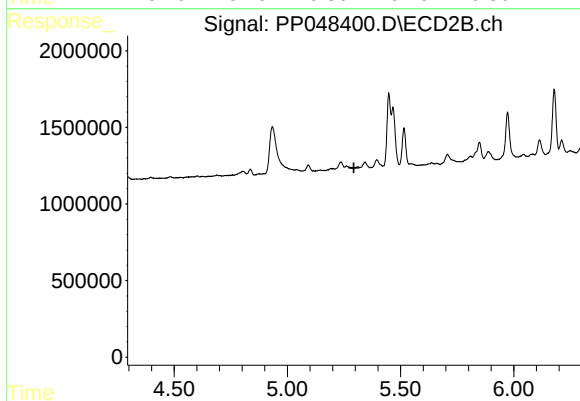
#23 AR-1248-3

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



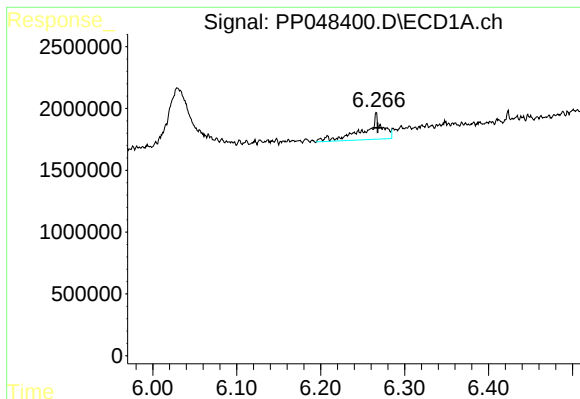
#25 AR-1248-5

R.T.: 6.349 min
Delta R.T.: 0.009 min
Response: 4824061
Conc: 63.42 ng/ml



#25 AR-1248-5

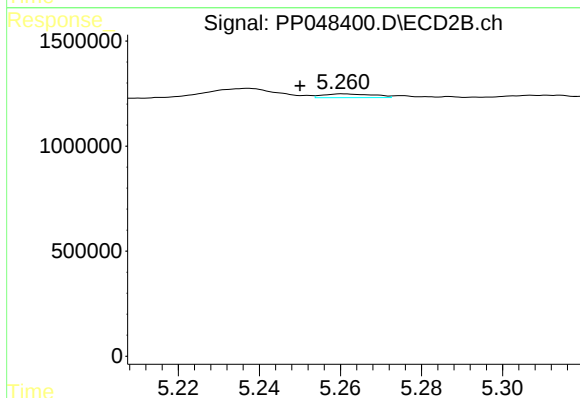
R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.



#26 AR-1254-1

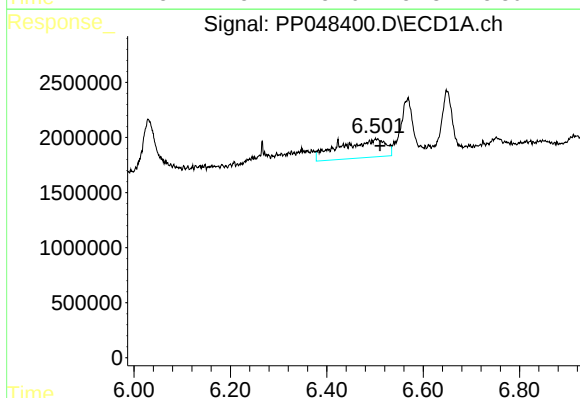
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 3061247
Conc: 42.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



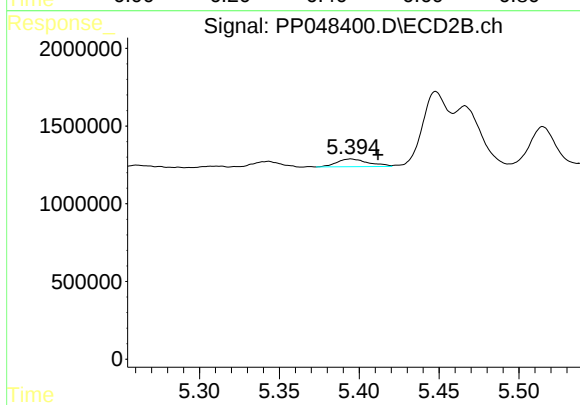
#26 AR-1254-1

R.T.: 5.261 min
Delta R.T.: 0.011 min
Response: 154782
Conc: 1.77 ng/ml



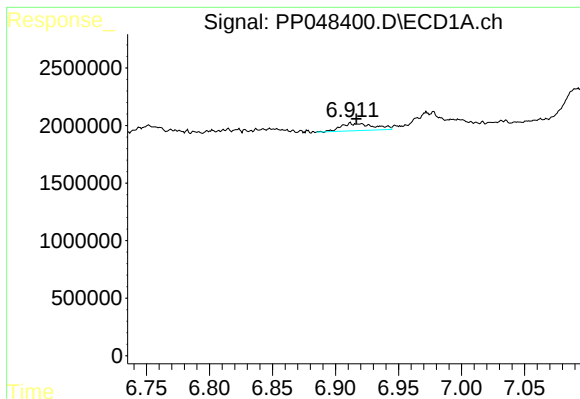
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: -0.007 min
Response: 10979528
Conc: 92.27 ng/ml



#27 AR-1254-2

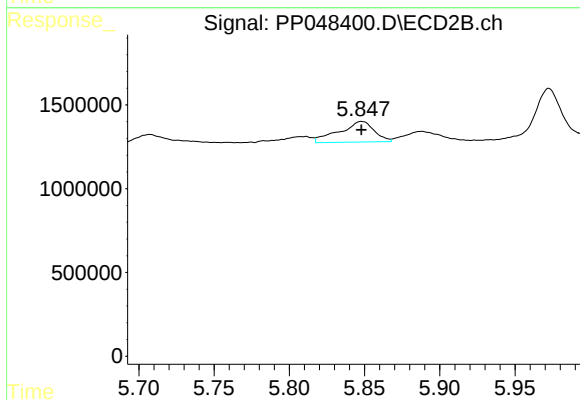
R.T.: 5.395 min
Delta R.T.: -0.017 min
Response: 687027
Conc: 9.14 ng/ml



#28 AR-1254-3

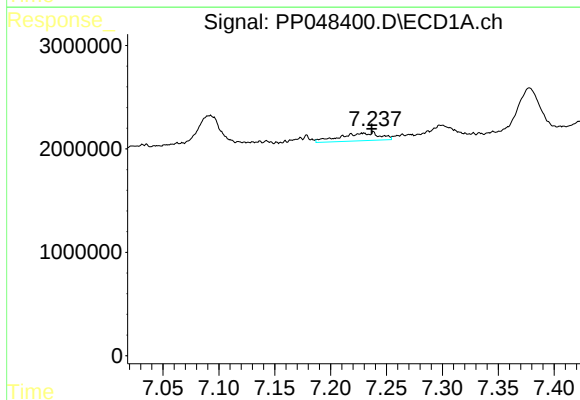
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 1126131
Conc: 9.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



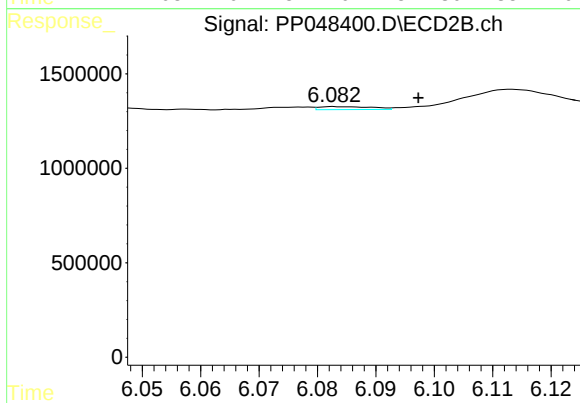
#28 AR-1254-3

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 1980985
Conc: 16.15 ng/ml



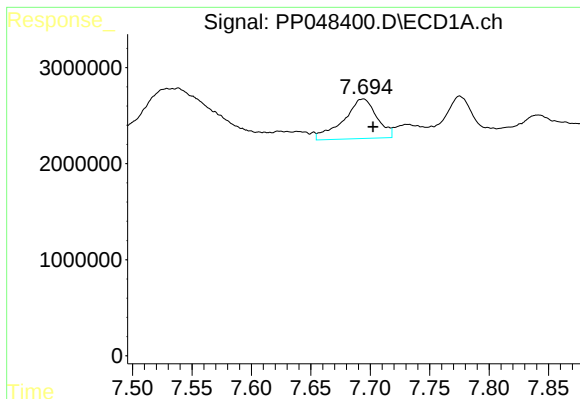
#29 AR-1254-4

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 1898051
Conc: 21.04 ng/ml



#29 AR-1254-4

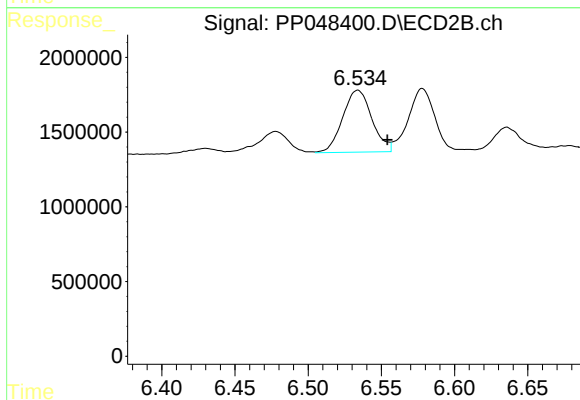
R.T.: 6.083 min
Delta R.T.: -0.014 min
Response: 100833
Conc: 1.34 ng/ml



#30 AR-1254-5

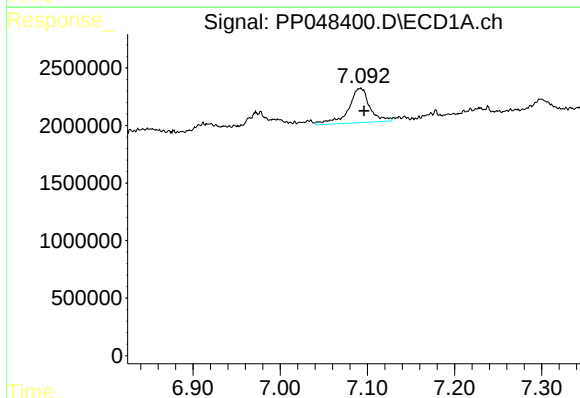
R.T.: 7.694 min
Delta R.T.: -0.009 min
Response: 8039556
Conc: 86.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



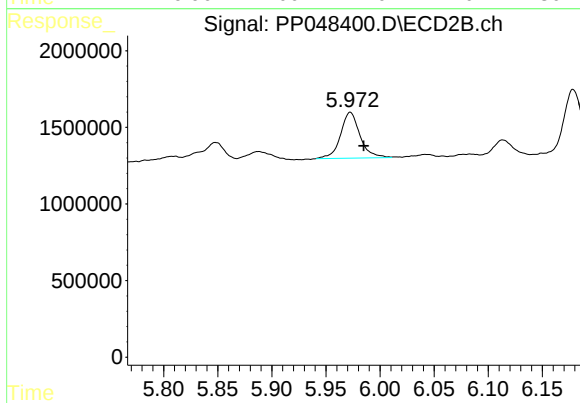
#30 AR-1254-5

R.T.: 6.534 min
Delta R.T.: -0.020 min
Response: 5771736
Conc: 57.01 ng/ml



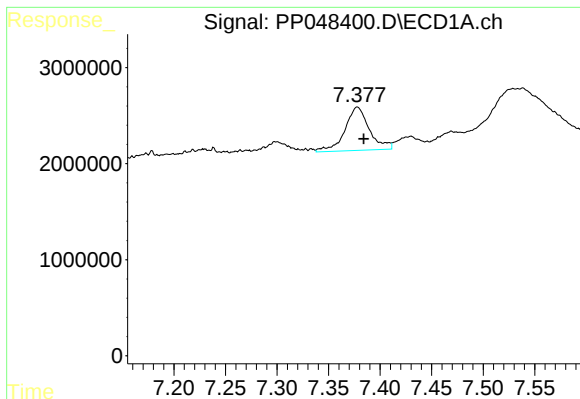
#31 AR-1260-1

R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 5049154
Conc: 54.10 ng/ml



#31 AR-1260-1

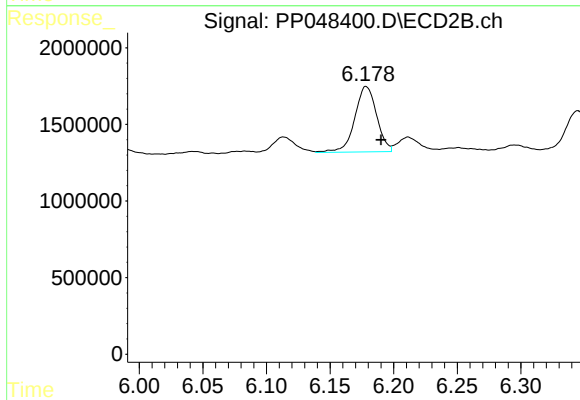
R.T.: 5.973 min
Delta R.T.: -0.012 min
Response: 3746571
Conc: 43.77 ng/ml



#32 AR-1260-2

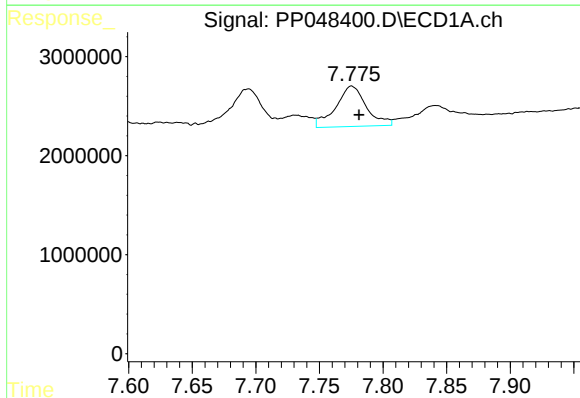
R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 7448954
Conc: 66.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



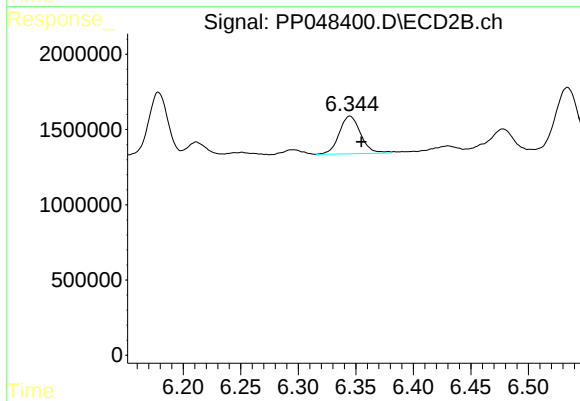
#32 AR-1260-2

R.T.: 6.178 min
Delta R.T.: -0.012 min
Response: 5129859
Conc: 49.77 ng/ml



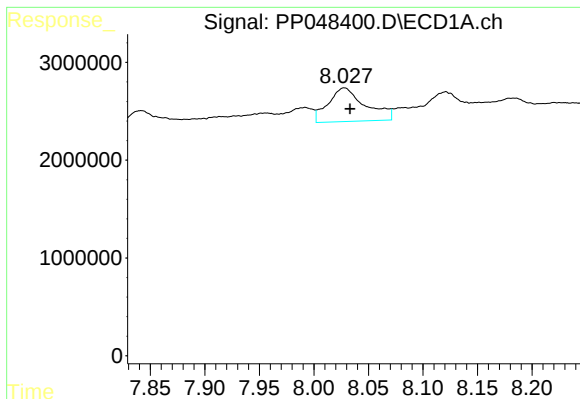
#33 AR-1260-3

R.T.: 7.776 min
Delta R.T.: -0.006 min
Response: 6845837
Conc: 79.92 ng/ml



#33 AR-1260-3

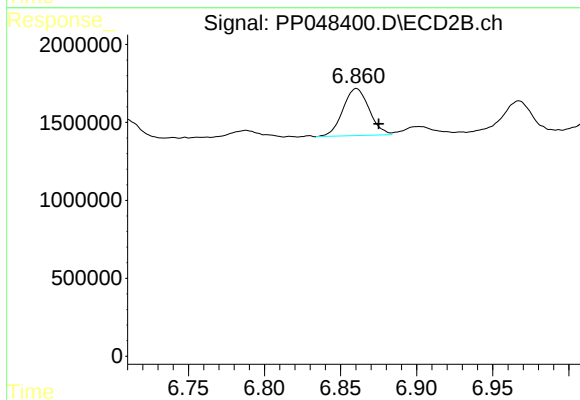
R.T.: 6.345 min
Delta R.T.: -0.010 min
Response: 3255775
Conc: 32.88 ng/ml



#34 AR-1260-4

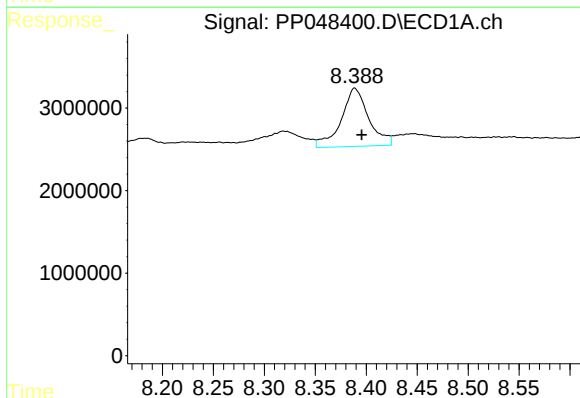
R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 8159712
Conc: 78.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



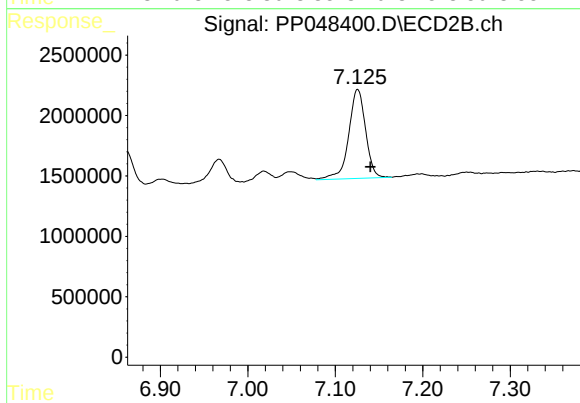
#34 AR-1260-4

R.T.: 6.860 min
Delta R.T.: -0.015 min
Response: 3621716
Conc: 43.50 ng/ml



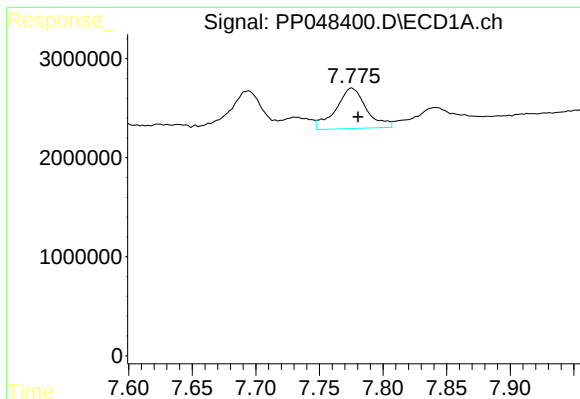
#35 AR-1260-5

R.T.: 8.389 min
Delta R.T.: -0.007 min
Response: 13233804
Conc: 64.13 ng/ml



#35 AR-1260-5

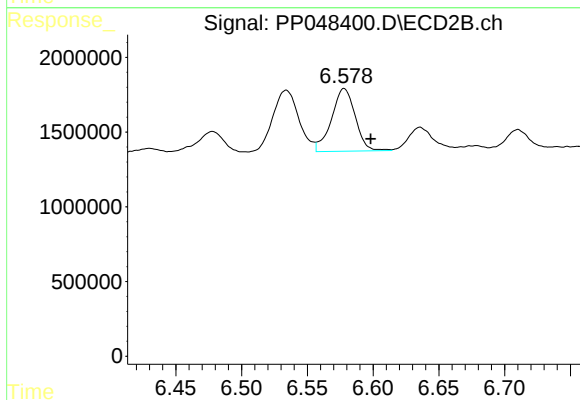
R.T.: 7.126 min
Delta R.T.: -0.014 min
Response: 9889607
Conc: 49.84 ng/ml



#36 AR-1262-1

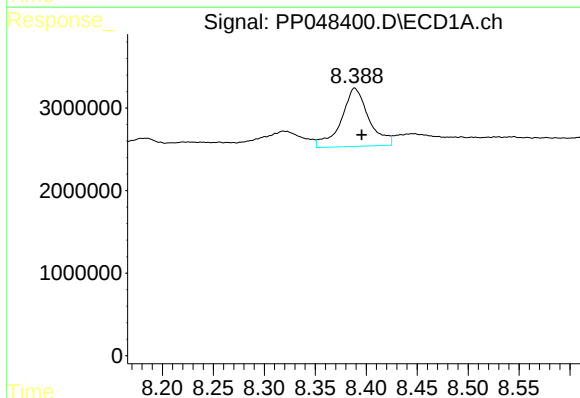
R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 6845837
Conc: 60.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



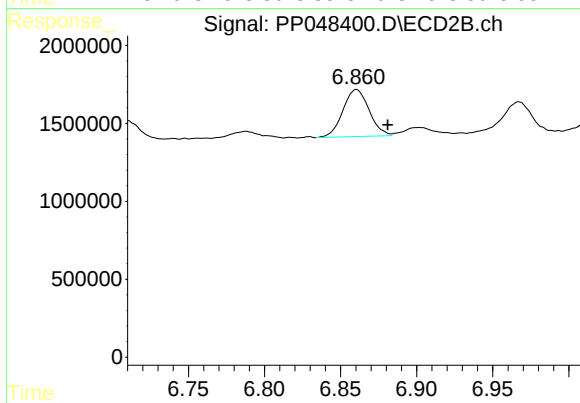
#36 AR-1262-1

R.T.: 6.578 min
Delta R.T.: -0.020 min
Response: 5280658
Conc: 48.88 ng/ml



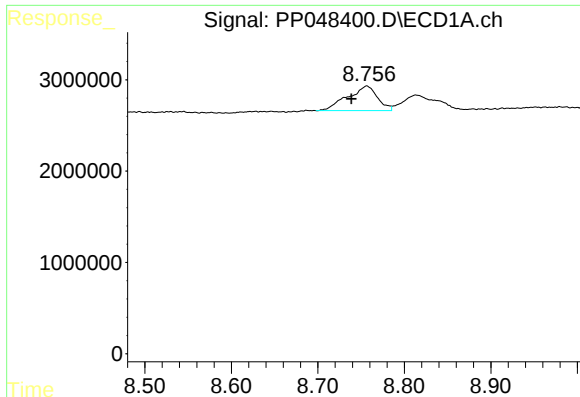
#37 AR-1262-2

R.T.: 8.389 min
Delta R.T.: -0.007 min
Response: 13233804
Conc: 62.09 ng/ml



#37 AR-1262-2

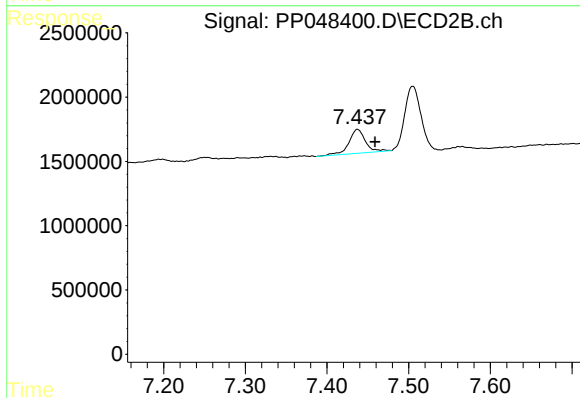
R.T.: 6.860 min
Delta R.T.: -0.020 min
Response: 3621716
Conc: 36.60 ng/ml



#38 AR-1262-3

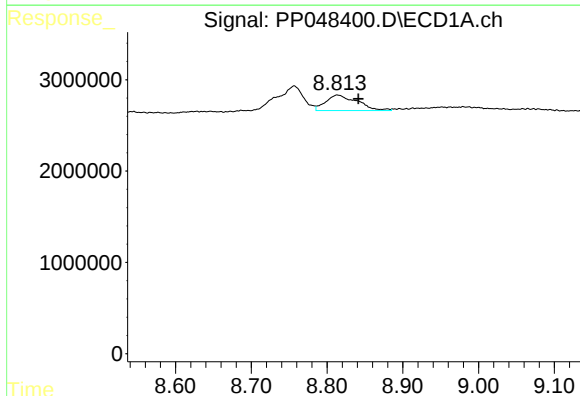
R.T.: 8.757 min
Delta R.T.: 0.018 min
Response: 6493638
Conc: 69.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



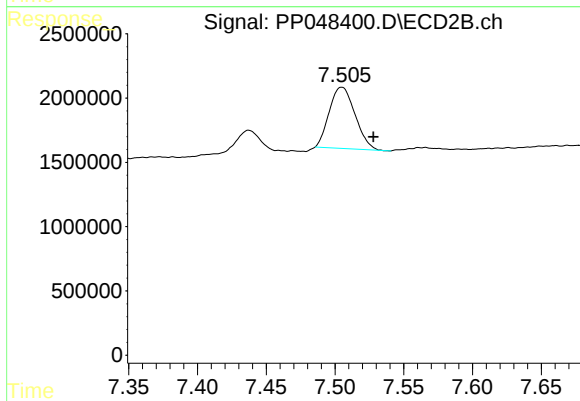
#38 AR-1262-3

R.T.: 7.437 min
Delta R.T.: -0.022 min
Response: 2633646
Conc: 35.00 ng/ml



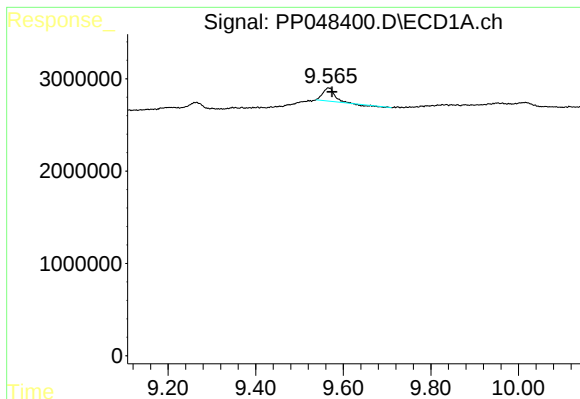
#39 AR-1262-4

R.T.: 8.814 min
Delta R.T.: -0.027 min
Response: 4996218
Conc: 84.03 ng/ml



#39 AR-1262-4

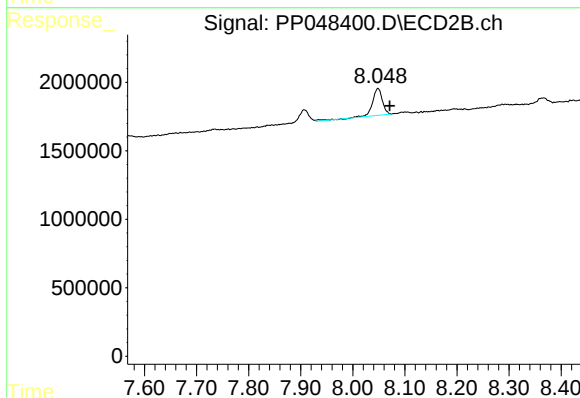
R.T.: 7.505 min
Delta R.T.: -0.023 min
Response: 6226364
Conc: 42.75 ng/ml



#40 AR-1262-5

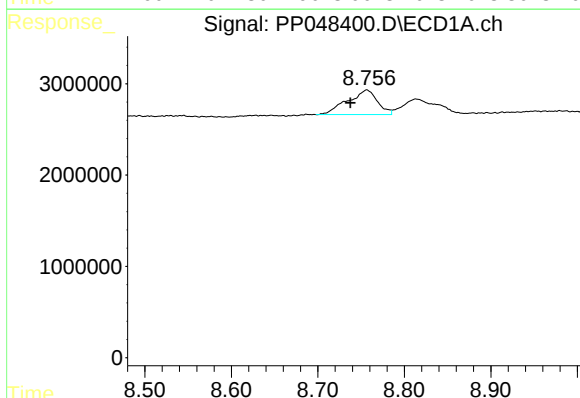
R.T.: 9.567 min
Delta R.T.: -0.008 min
Response: 2431772
Conc: 30.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



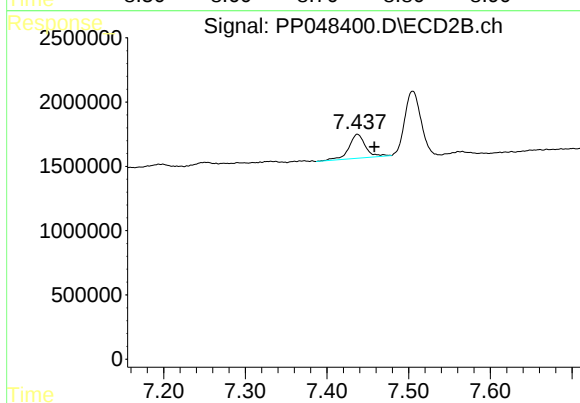
#40 AR-1262-5

R.T.: 8.048 min
Delta R.T.: -0.022 min
Response: 2628263
Conc: 38.94 ng/ml



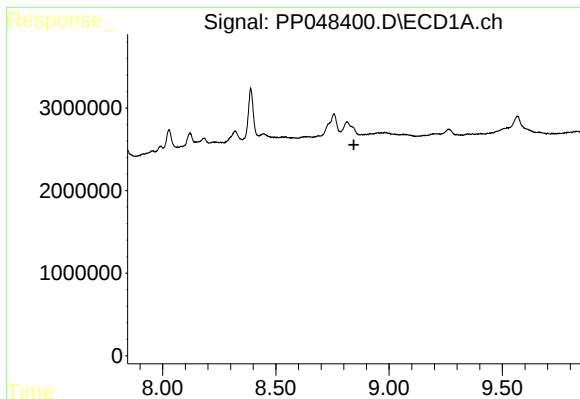
#41 AR-1268-1

R.T.: 8.757 min
Delta R.T.: 0.019 min
Response: 6493638
Conc: 24.55 ng/ml



#41 AR-1268-1

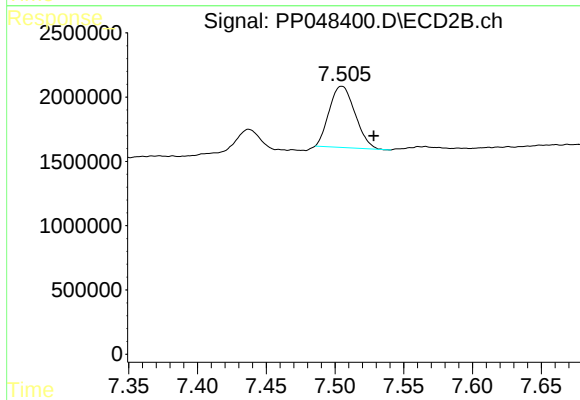
R.T.: 7.437 min
Delta R.T.: -0.021 min
Response: 2633646
Conc: 11.28 ng/ml



#42 AR-1268-2

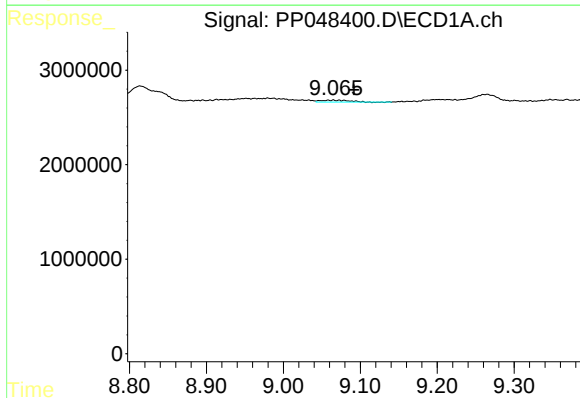
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



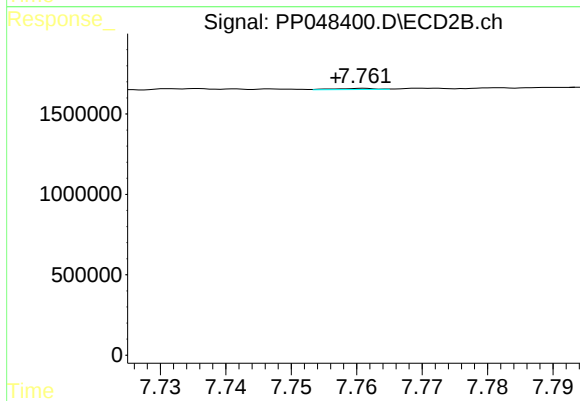
#42 AR-1268-2

R.T.: 7.505 min
Delta R.T.: -0.023 min
Response: 6226364
Conc: 28.78 ng/ml



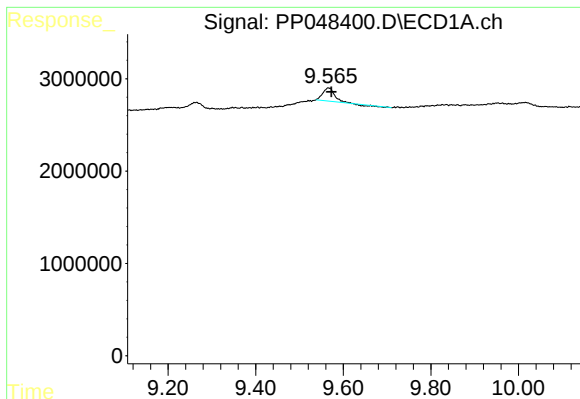
#43 AR-1268-3

R.T.: 9.064 min
Delta R.T.: -0.028 min
Response: 505555
Conc: 2.46 ng/ml



#43 AR-1268-3

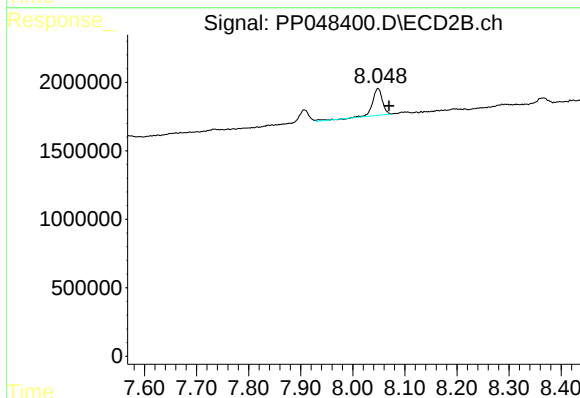
R.T.: 7.761 min
Delta R.T.: 0.004 min
Response: 31294
Conc: 0.17 ng/ml



#44 AR-1268-4

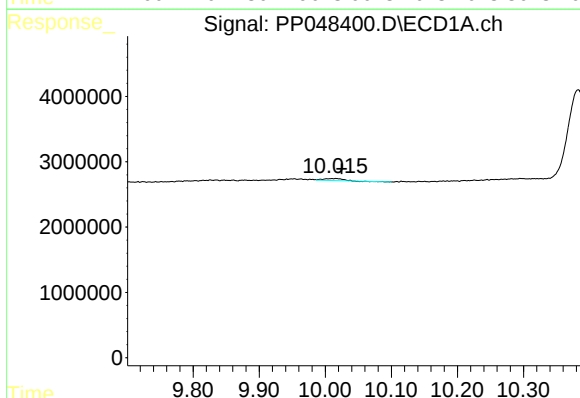
R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 2431772
Conc: 27.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



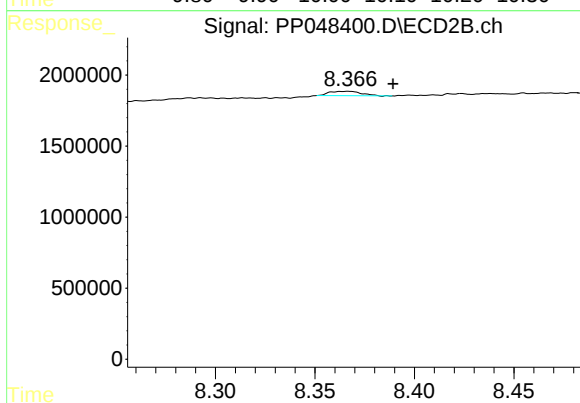
#44 AR-1268-4

R.T.: 8.048 min
Delta R.T.: -0.021 min
Response: 2628263
Conc: 31.99 ng/ml



#45 AR-1268-5

R.T.: 10.015 min
Delta R.T.: -0.010 min
Response: 640492
Conc: 0.91 ng/ml



#45 AR-1268-5

R.T.: 8.367 min
Delta R.T.: -0.023 min
Response: 349274
Conc: 0.58 ng/ml