

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060222\
 Data File : PP048351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 23:11
 Operator : YP\AJ
 Sample : N2989-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 02:38:48 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	3.214	55044915	44455038	23.506	22.557
2)	SA Decachlor...	10.384	8.643	34209790	28900210	17.601	17.878
Target Compounds							
3)	L1 AR-1016-1	5.336	0.000	194108	0	2.302	N.D. #
4)	L1 AR-1016-2	5.356	0.000	137286	0	1.160	N.D. #
5)	L1 AR-1016-3	5.412	4.607	197375	73344	2.921	1.432 #
6)	L1 AR-1016-4	5.523	4.628	475115	323892	7.708	8.501
7)	L1 AR-1016-5	5.841	0.000	898323	0	15.948	N.D. #
8)	L2 AR-1221-1	4.270	0.000	4013187	0	151.806	N.D. #
9)	L2 AR-1221-2	4.367	3.570f	924059	117364	45.118	7.641 #
10)	L2 AR-1221-3	4.454	0.000	205316	0	3.279	N.D. #
11)	L3 AR-1232-1	4.454	0.000	205316	0	3.953	N.D. #
13)	L3 AR-1232-3	5.356	4.607	137286	73344	2.767	3.555 #
14)	L3 AR-1232-4	5.523	0.000	475115	0	19.875	N.D. #
15)	L3 AR-1232-5	5.623	4.839f	935536	144334	57.264	7.369 #
16)	L4 AR-1242-1	5.336	0.000	194108	0	3.471	N.D. #
17)	L4 AR-1242-2	5.356	0.000	137286	0	1.669	N.D. #
18)	L4 AR-1242-3	5.412	4.607	197375	73344	4.021	2.114 #
19)	L4 AR-1242-4	5.523	0.000	475115	0	12.006	N.D. #
20)	L4 AR-1242-5	6.345	5.258	772673	45456	18.142	1.088 #
21)	L5 AR-1248-1	5.336	0.000	194108	0	4.500	N.D. #
22)	L5 AR-1248-2	5.623	4.628	935536	323892	16.359	6.801 #
23)	L5 AR-1248-3	5.841	0.000	898323	0	13.272	N.D. #
24)	L5 AR-1248-4	6.292	4.839f	1173678	144334	15.092	2.477 #
25)	L5 AR-1248-5	6.335	0.000	996339	0	13.098	N.D. #
26)	L6 AR-1254-1	6.264	5.258	1772776	45456	24.420	0.519 #
27)	L6 AR-1254-2	6.506	5.397	4392196	1169314	36.913	15.563 #
28)	L6 AR-1254-3	6.910	5.850	2381094	2507907	20.044	20.440
29)	L6 AR-1254-4	7.230	6.082f	2886571	968968	32.002	12.904 #
30)	L6 AR-1254-5	7.694	6.536f	32834283	28159426	354.334	278.154
31)	L7 AR-1260-1	7.091	5.975	6098189	4857231	65.336	56.741
32)	L7 AR-1260-2	7.379	6.181	21371425	19101603	191.182	185.313
33)	L7 AR-1260-3	7.776	6.348	26572260	6301275	310.218	63.635 #
34)	L7 AR-1260-4	8.028	6.863	20121360	12992544	193.928	156.065
35)	L7 AR-1260-5	8.391	7.129	40638333	40794352	196.932	205.604
36)	L8 AR-1262-1	7.776	6.581f	26572260	25978803	232.989	240.450
37)	L8 AR-1262-2	8.391	6.863f	40638333	12992544	190.657	131.285 #
38)	L8 AR-1262-3	8.735	7.440f	9351436	14027014	100.344	186.394 #
39)	L8 AR-1262-4	8.814f	7.507f	10664936	28647153	179.368	196.690
40)	L8 AR-1262-5	9.567	8.052f	12569638	14097890	158.813	208.879 #
41)	L9 AR-1268-1	8.735	7.440f	9351436	14027014	35.351	60.061 #
42)	L9 AR-1268-2	0.000	7.507f	0	28647153	N.D.	132.402 #

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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
43) L9	AR-1268-3	9.081	7.736f	1004582	572373	4.886	3.079 #
44) L9	AR-1268-4	9.567	8.052f	12569638	14097890	139.928	171.611
45) L9	AR-1268-5	10.019	8.368f	3397442	1944957	4.812	3.210 #

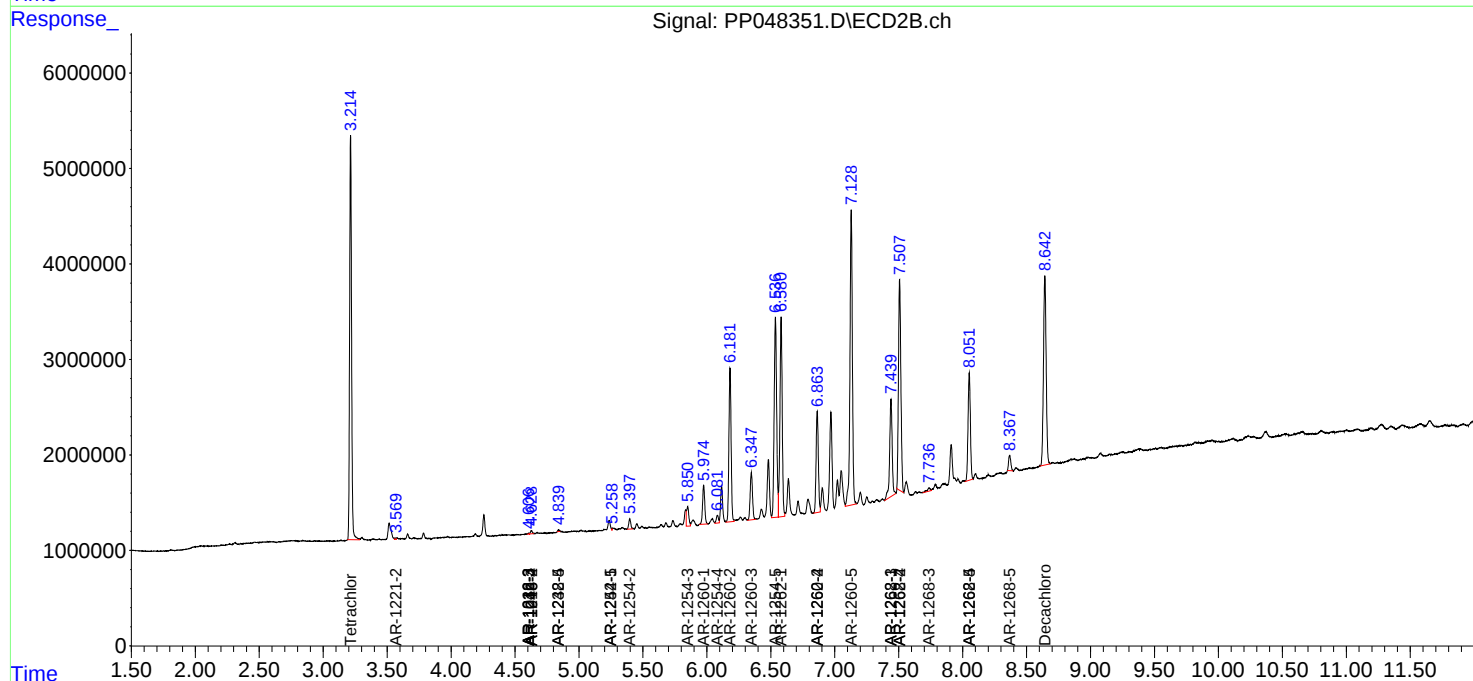
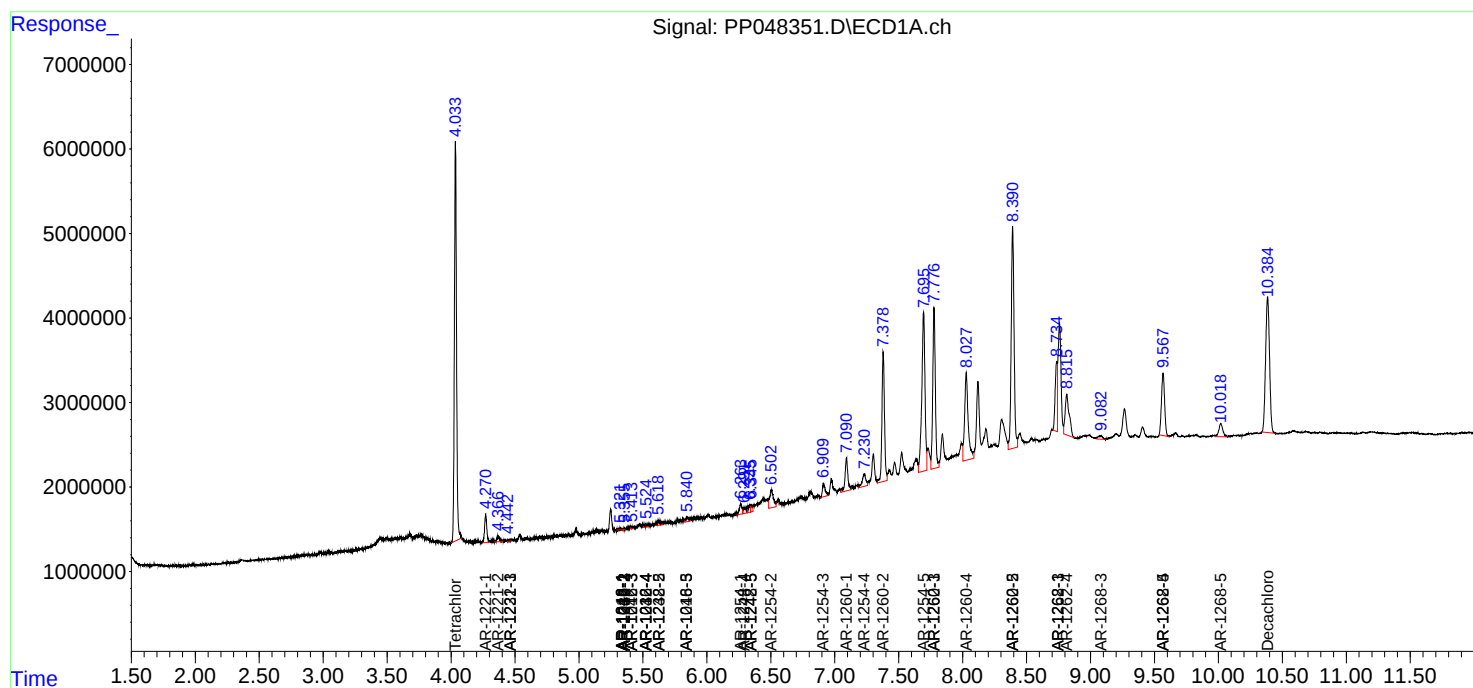
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

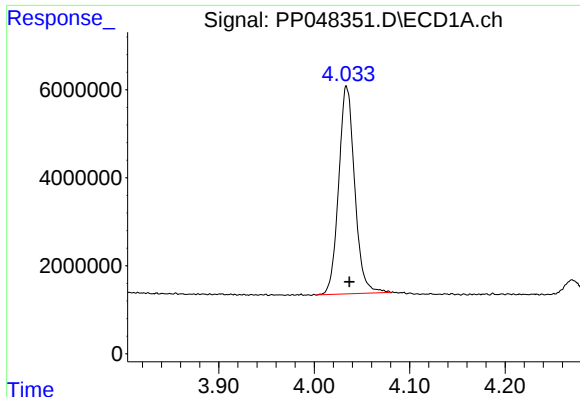
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

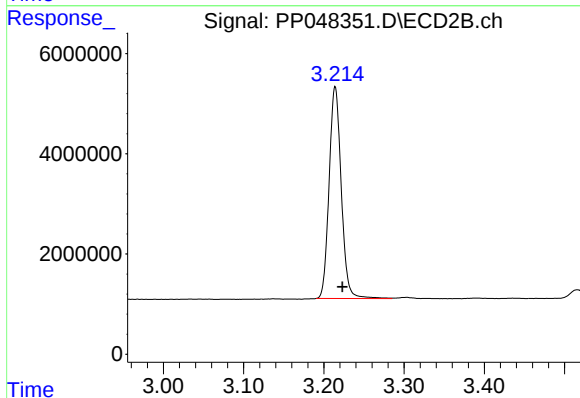




#1 Tetrachloro-m-xylene

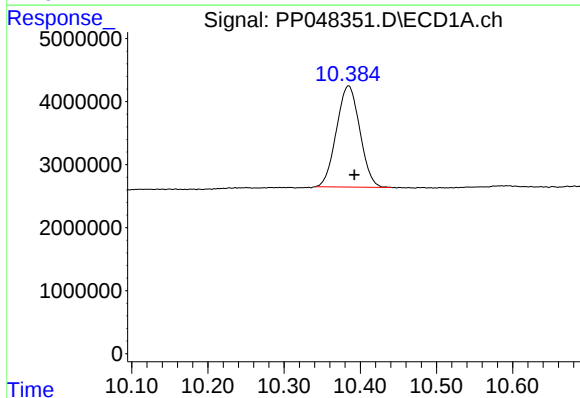
R.T.: 4.034 min
Delta R.T.: -0.003 min
Response: 55044915
Conc: 23.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



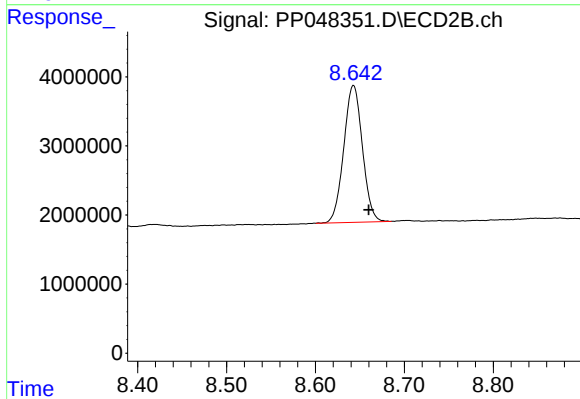
#1 Tetrachloro-m-xylene

R.T.: 3.214 min
Delta R.T.: -0.009 min
Response: 44455038
Conc: 22.56 ng/ml



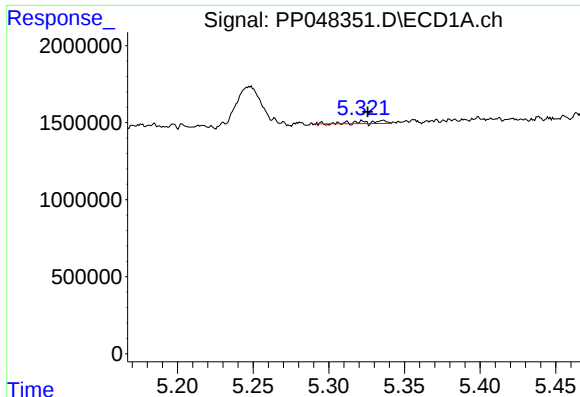
#2 Decachlorobiphenyl

R.T.: 10.384 min
Delta R.T.: -0.008 min
Response: 34209790
Conc: 17.60 ng/ml



#2 Decachlorobiphenyl

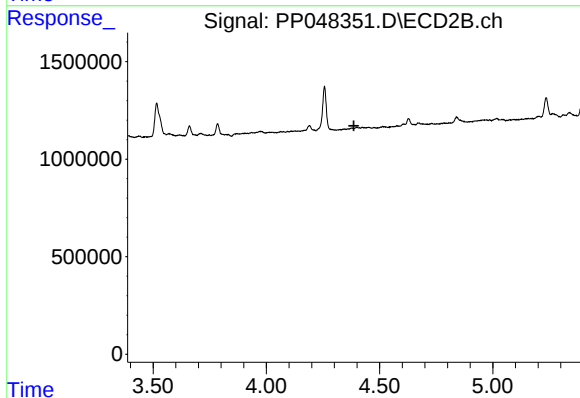
R.T.: 8.643 min
Delta R.T.: -0.017 min
Response: 28900210
Conc: 17.88 ng/ml



#3 AR-1016-1

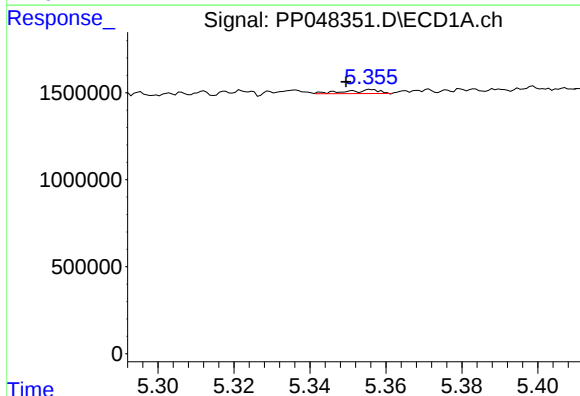
R.T.: 5.336 min
Delta R.T.: 0.010 min
Response: 194108
Conc: 2.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



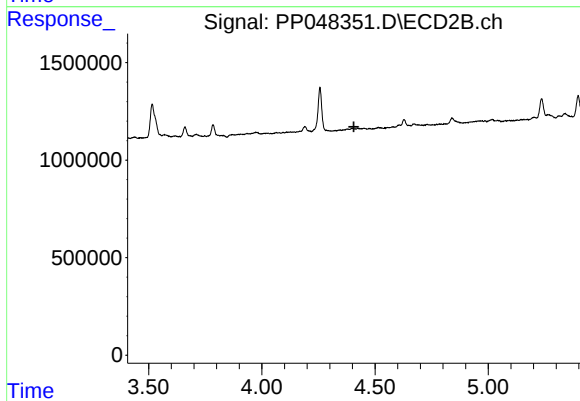
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.387 min
Response: 0
Conc: N.D.



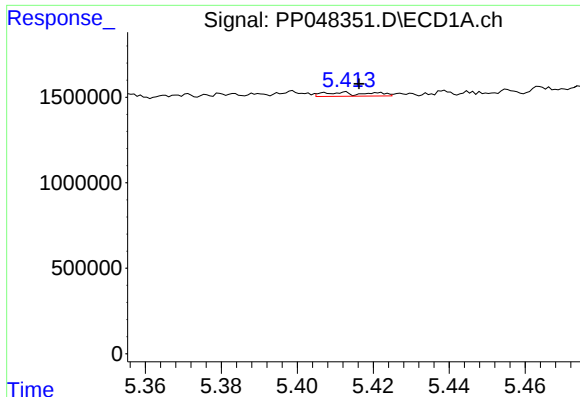
#4 AR-1016-2

R.T.: 5.356 min
Delta R.T.: 0.007 min
Response: 137286
Conc: 1.16 ng/ml



#4 AR-1016-2

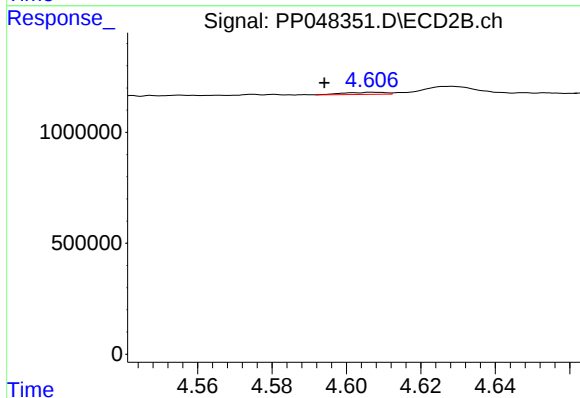
R.T.: 0.000 min
Exp R.T. : 4.407 min
Response: 0
Conc: N.D.



#5 AR-1016-3

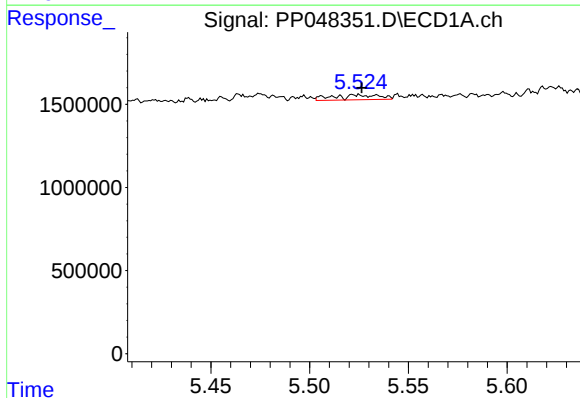
R.T.: 5.412 min
Delta R.T.: -0.004 min
Response: 197375
Conc: 2.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



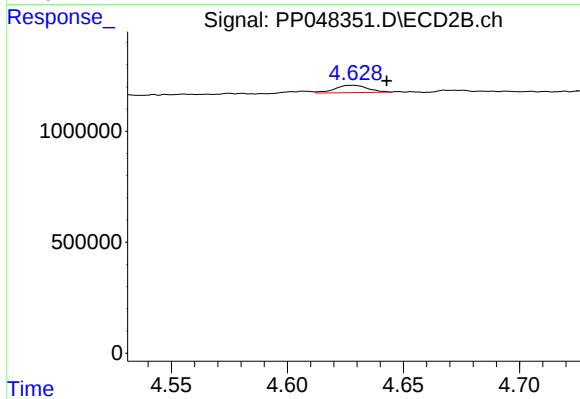
#5 AR-1016-3

R.T.: 4.607 min
Delta R.T.: 0.013 min
Response: 73344
Conc: 1.43 ng/ml



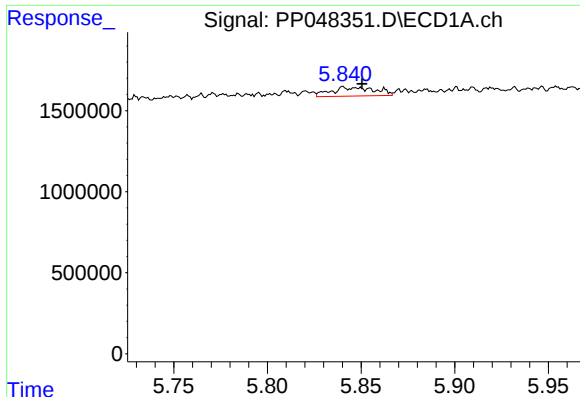
#6 AR-1016-4

R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 475115
Conc: 7.71 ng/ml



#6 AR-1016-4

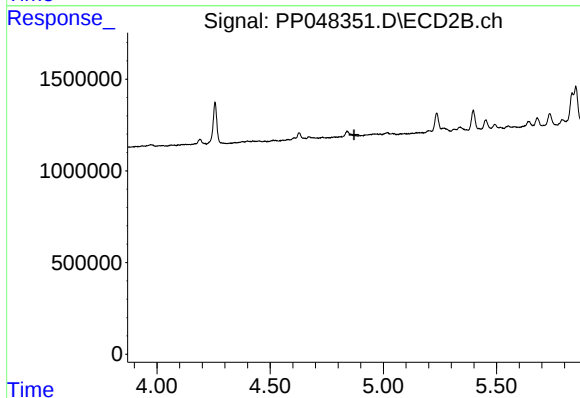
R.T.: 4.628 min
Delta R.T.: -0.015 min
Response: 323892
Conc: 8.50 ng/ml



#7 AR-1016-5

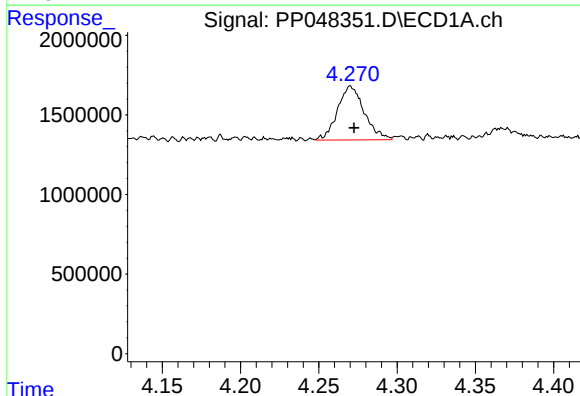
R.T.: 5.841 min
Delta R.T.: -0.010 min
Response: 898323
Conc: 15.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



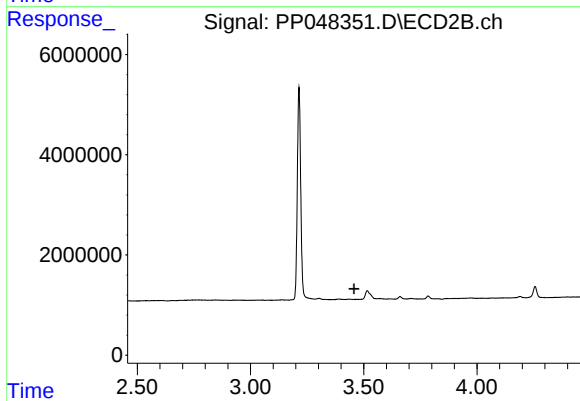
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



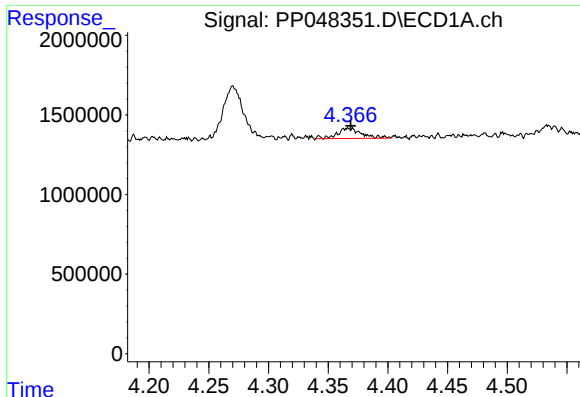
#8 AR-1221-1

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 4013187
Conc: 151.81 ng/ml



#8 AR-1221-1

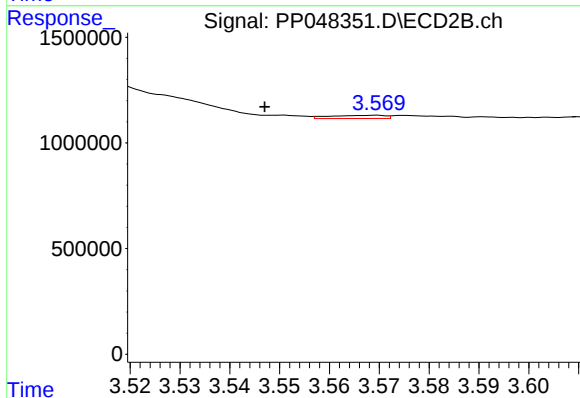
R.T.: 0.000 min
Exp R.T. : 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

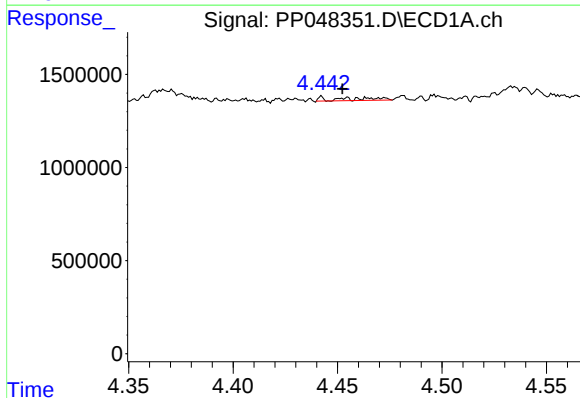
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 924059
Conc: 45.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



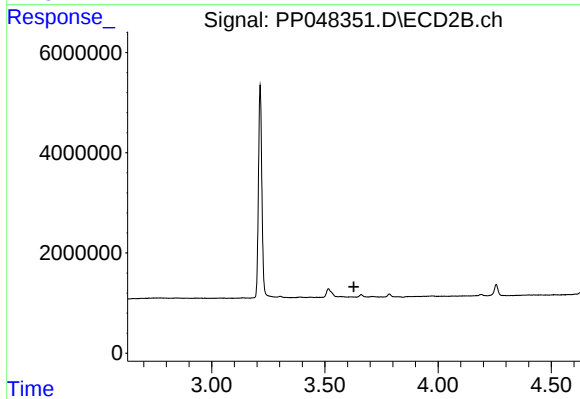
#9 AR-1221-2

R.T.: 3.570 min
Delta R.T.: 0.023 min
Response: 117364
Conc: 7.64 ng/ml



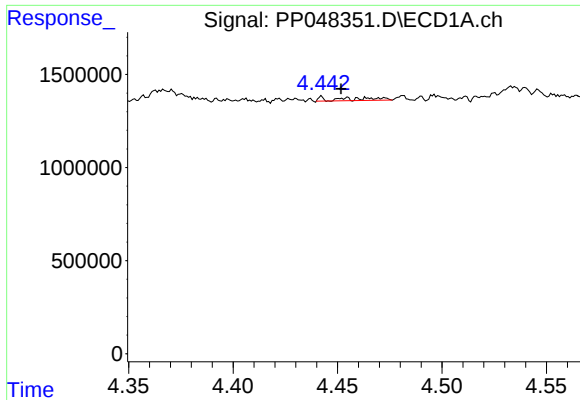
#10 AR-1221-3

R.T.: 4.454 min
Delta R.T.: 0.002 min
Response: 205316
Conc: 3.28 ng/ml



#10 AR-1221-3

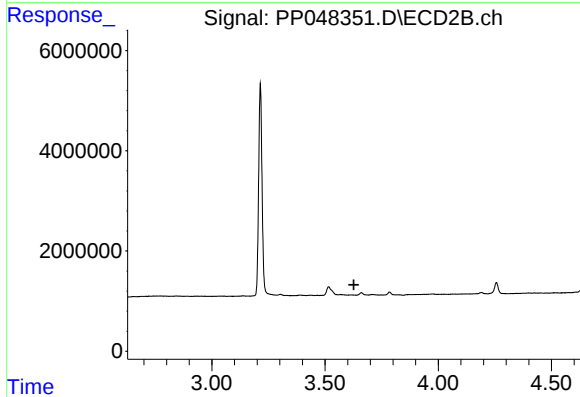
R.T.: 0.000 min
Exp R.T.: 3.628 min
Response: 0
Conc: N.D.



#11 AR-1232-1

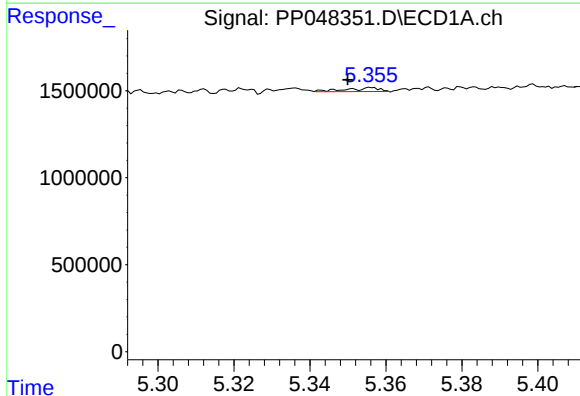
R.T.: 4.454 min
Delta R.T.: 0.003 min
Response: 205316
Conc: 3.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



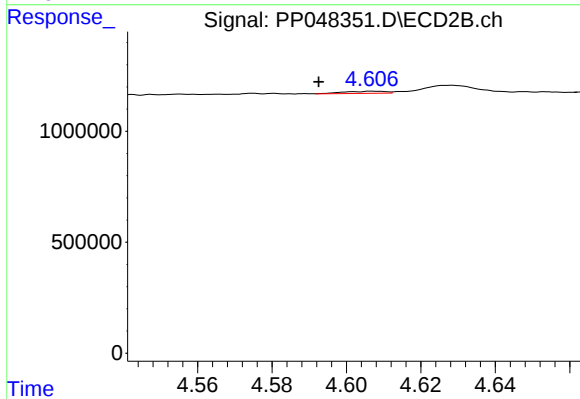
#11 AR-1232-1

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



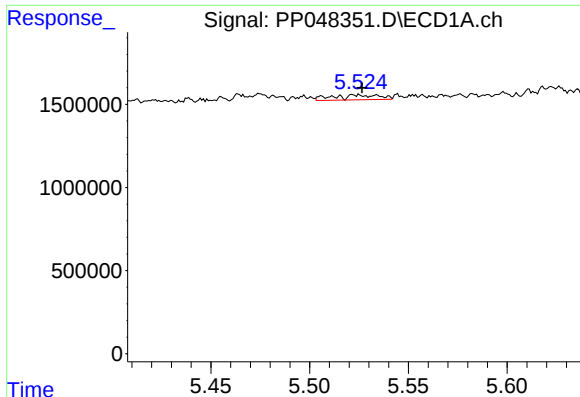
#13 AR-1232-3

R.T.: 5.356 min
Delta R.T.: 0.006 min
Response: 137286
Conc: 2.77 ng/ml



#13 AR-1232-3

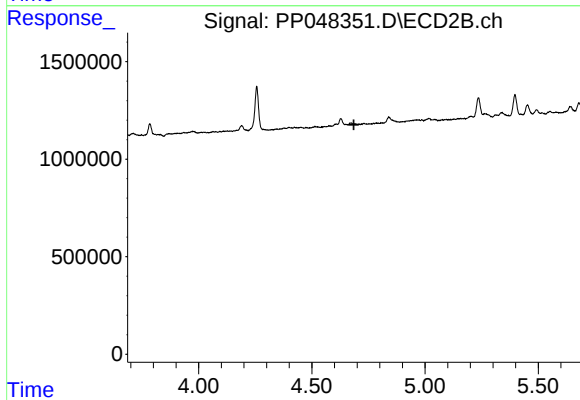
R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 73344
Conc: 3.56 ng/ml



#14 AR-1232-4

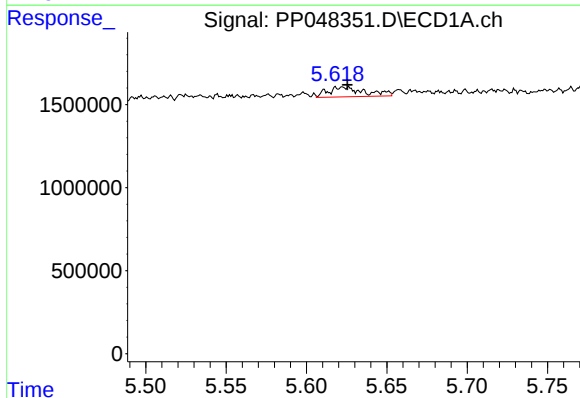
R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 475115
Conc: 19.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



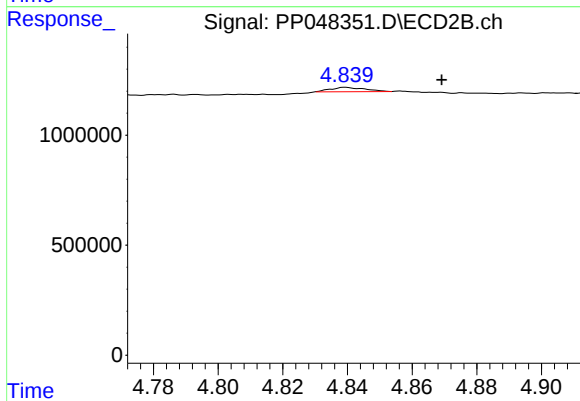
#14 AR-1232-4

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



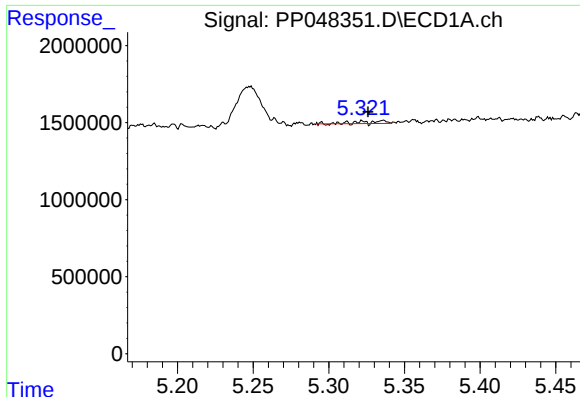
#15 AR-1232-5

R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 935536
Conc: 57.26 ng/ml



#15 AR-1232-5

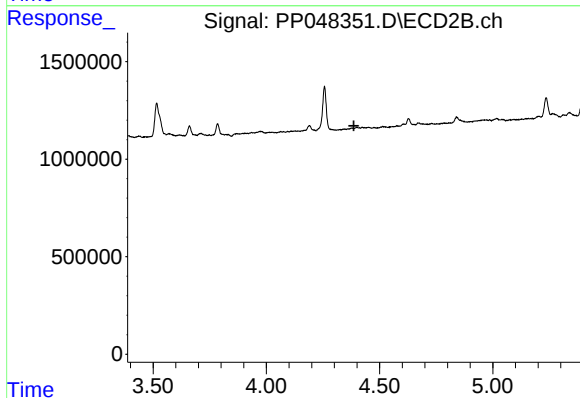
R.T.: 4.839 min
Delta R.T.: -0.030 min
Response: 144334
Conc: 7.37 ng/ml



#16 AR-1242-1

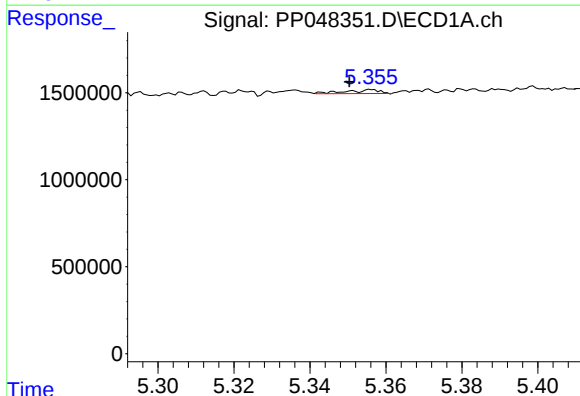
R.T.: 5.336 min
Delta R.T.: 0.010 min
Response: 194108
Conc: 3.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



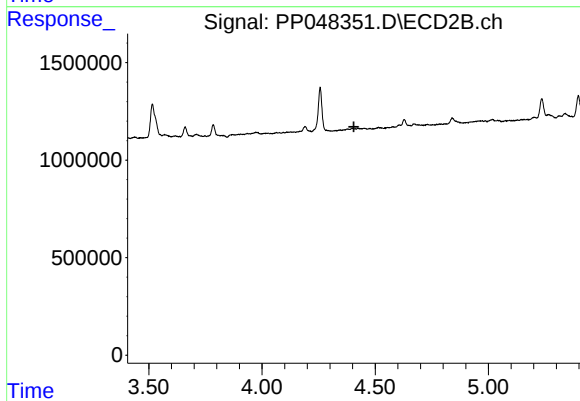
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.386 min
Response: 0
Conc: N.D.



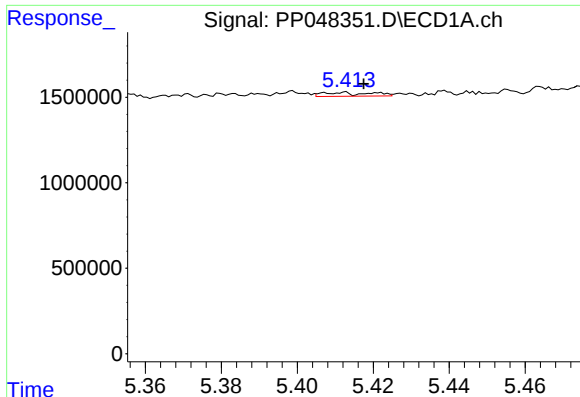
#17 AR-1242-2

R.T.: 5.356 min
Delta R.T.: 0.006 min
Response: 137286
Conc: 1.67 ng/ml



#17 AR-1242-2

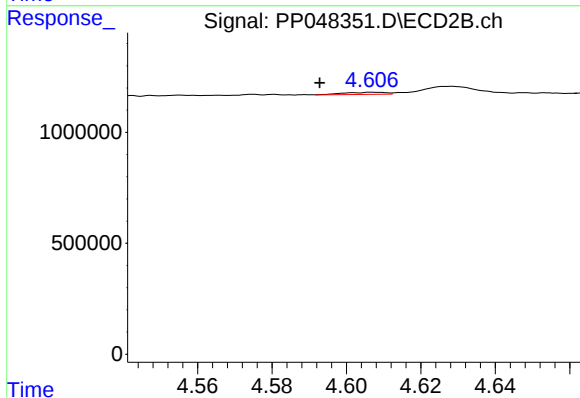
R.T.: 0.000 min
Exp R.T. : 4.406 min
Response: 0
Conc: N.D.



#18 AR-1242-3

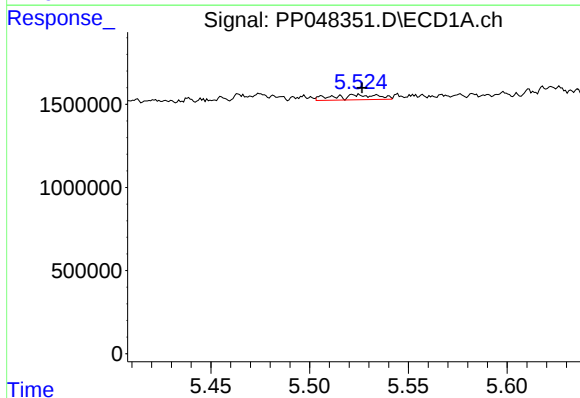
R.T.: 5.412 min
Delta R.T.: -0.006 min
Response: 197375
Conc: 4.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



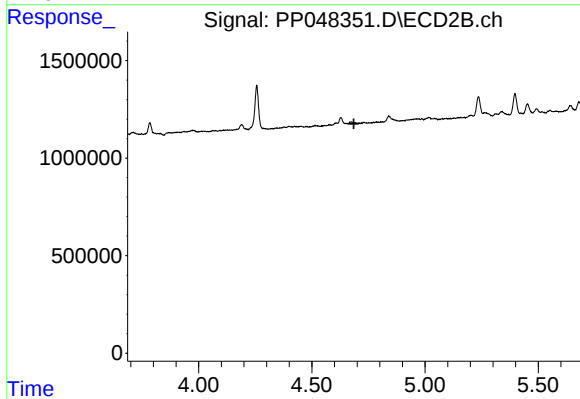
#18 AR-1242-3

R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 73344
Conc: 2.11 ng/ml



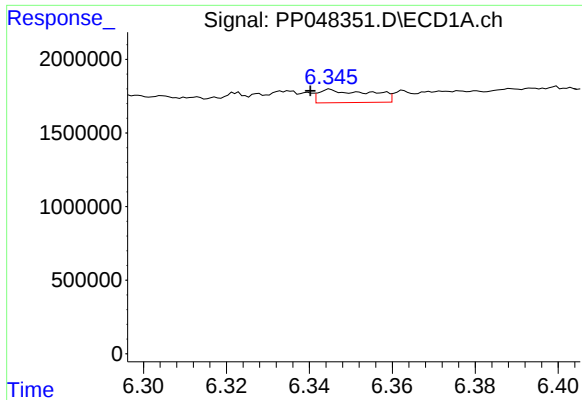
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 475115
Conc: 12.01 ng/ml



#19 AR-1242-4

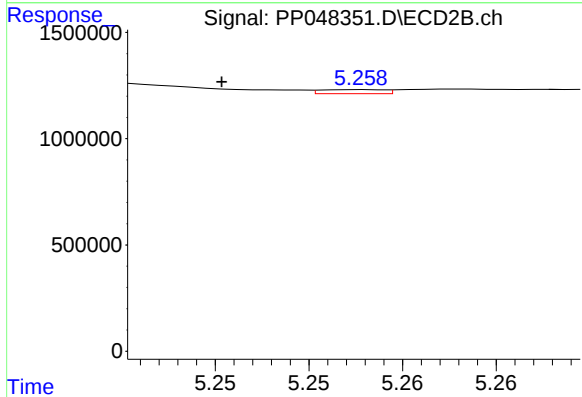
R.T.: 0.000 min
Exp R.T.: 4.686 min
Response: 0
Conc: N.D.



#20 AR-1242-5

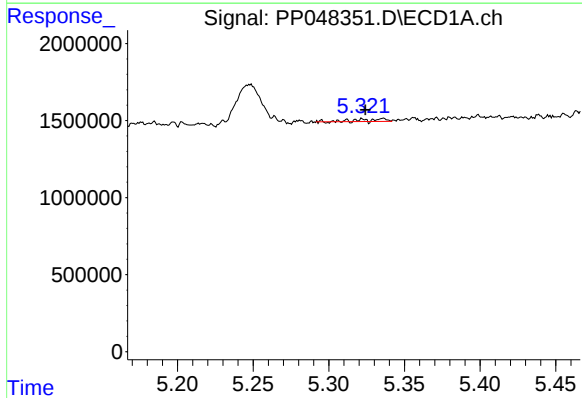
R.T.: 6.345 min
Delta R.T.: 0.005 min
Response: 772673
Conc: 18.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



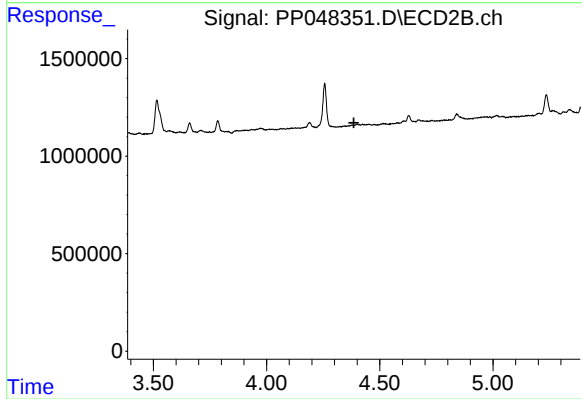
#20 AR-1242-5

R.T.: 5.258 min
Delta R.T.: 0.008 min
Response: 45456
Conc: 1.09 ng/ml



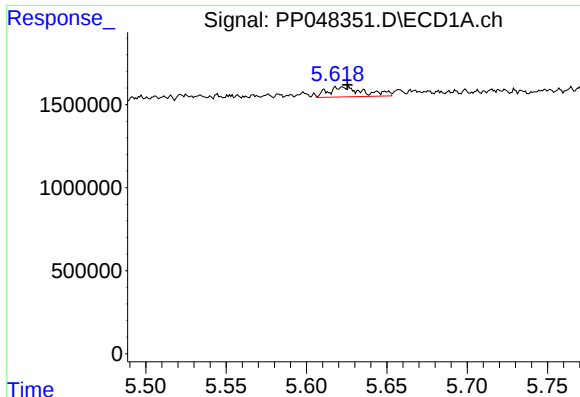
#21 AR-1248-1

R.T.: 5.336 min
Delta R.T.: 0.012 min
Response: 194108
Conc: 4.50 ng/ml



#21 AR-1248-1

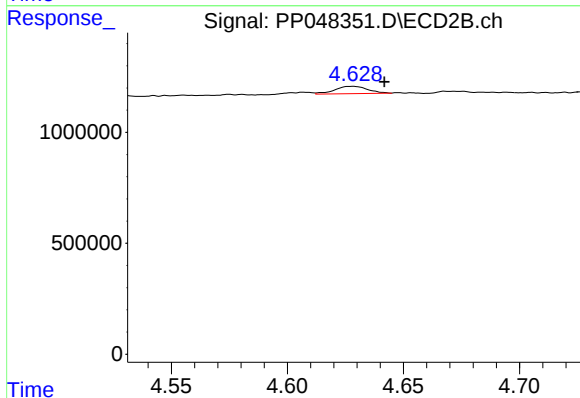
R.T.: 0.000 min
Exp R.T. : 4.386 min
Response: 0
Conc: N.D.



#22 AR-1248-2

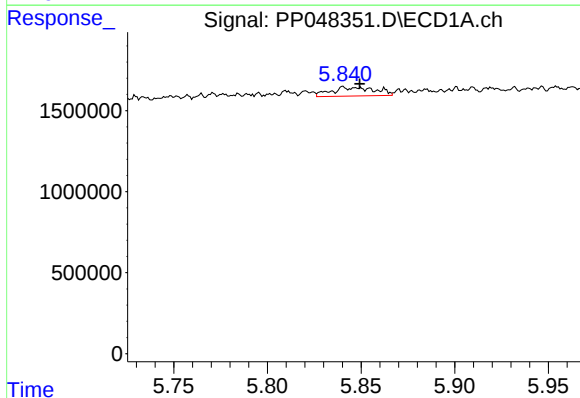
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 935536
Conc: 16.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



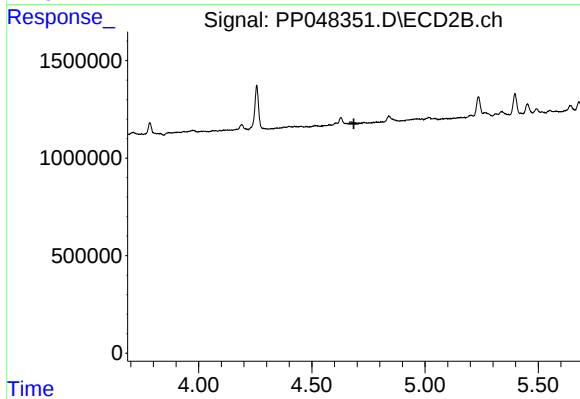
#22 AR-1248-2

R.T.: 4.628 min
Delta R.T.: -0.014 min
Response: 323892
Conc: 6.80 ng/ml



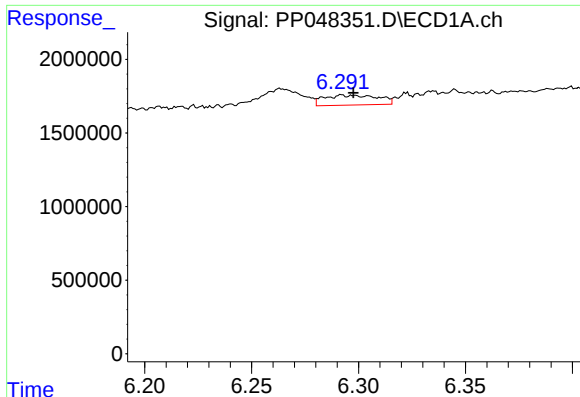
#23 AR-1248-3

R.T.: 5.841 min
Delta R.T.: -0.009 min
Response: 898323
Conc: 13.27 ng/ml



#23 AR-1248-3

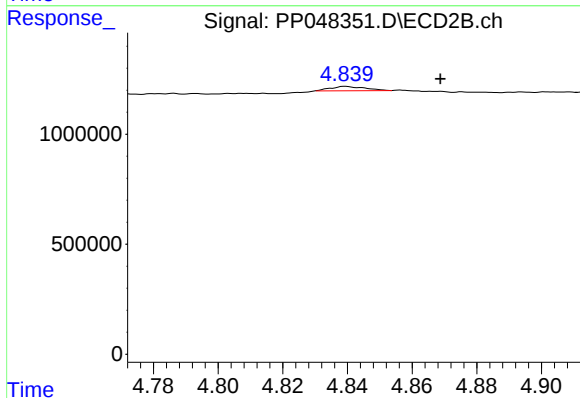
R.T.: 0.000 min
Exp R.T. : 4.686 min
Response: 0
Conc: N.D.



#24 AR-1248-4

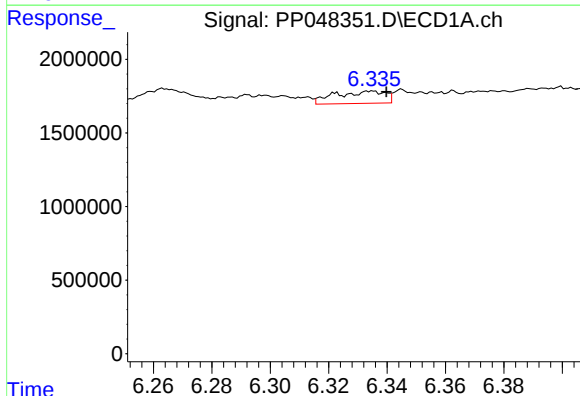
R.T.: 6.292 min
Delta R.T.: -0.005 min
Response: 1173678
Conc: 15.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



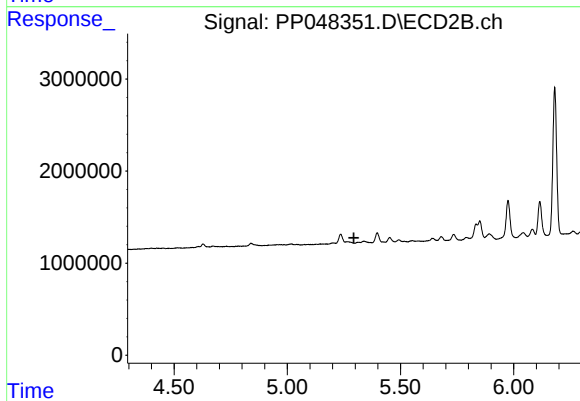
#24 AR-1248-4

R.T.: 4.839 min
Delta R.T.: -0.029 min
Response: 144334
Conc: 2.48 ng/ml



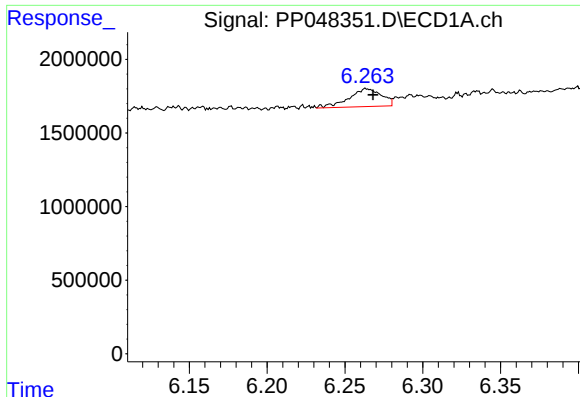
#25 AR-1248-5

R.T.: 6.335 min
Delta R.T.: -0.005 min
Response: 996339
Conc: 13.10 ng/ml



#25 AR-1248-5

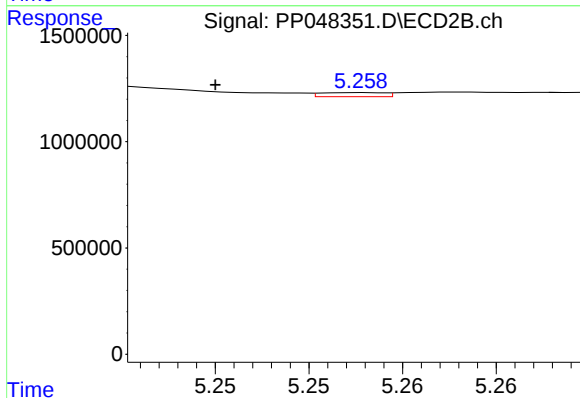
R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.



#26 AR-1254-1

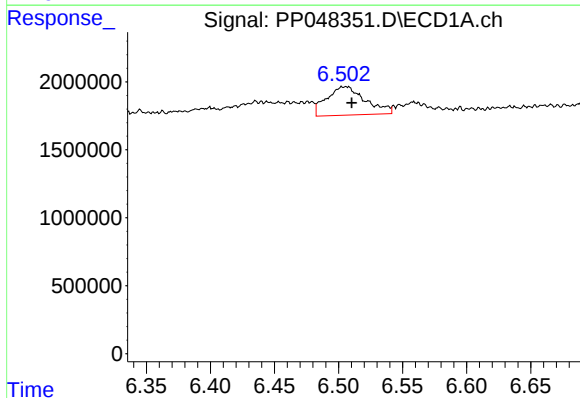
R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 1772776
Conc: 24.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



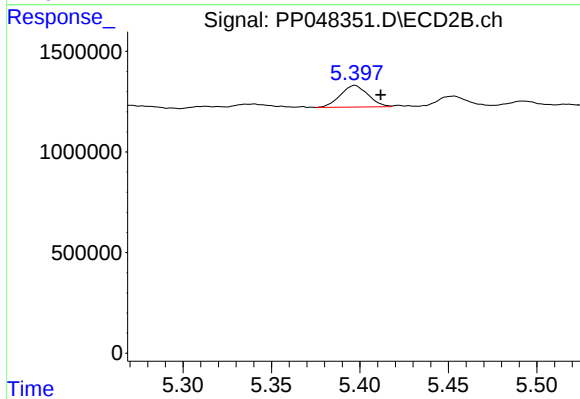
#26 AR-1254-1

R.T.: 5.258 min
Delta R.T.: 0.008 min
Response: 45456
Conc: 0.52 ng/ml



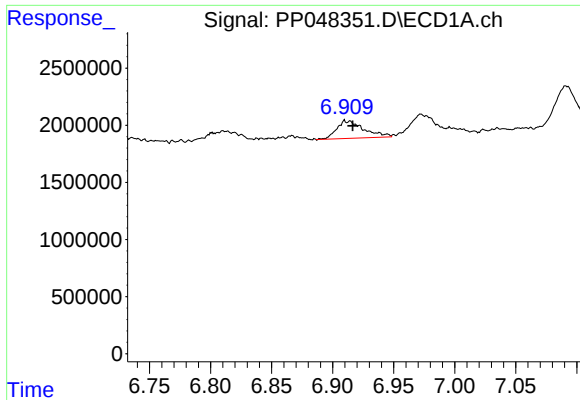
#27 AR-1254-2

R.T.: 6.506 min
Delta R.T.: -0.004 min
Response: 4392196
Conc: 36.91 ng/ml



#27 AR-1254-2

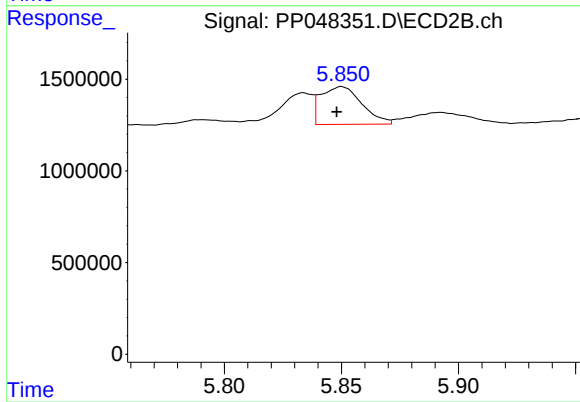
R.T.: 5.397 min
Delta R.T.: -0.015 min
Response: 1169314
Conc: 15.56 ng/ml



#28 AR-1254-3

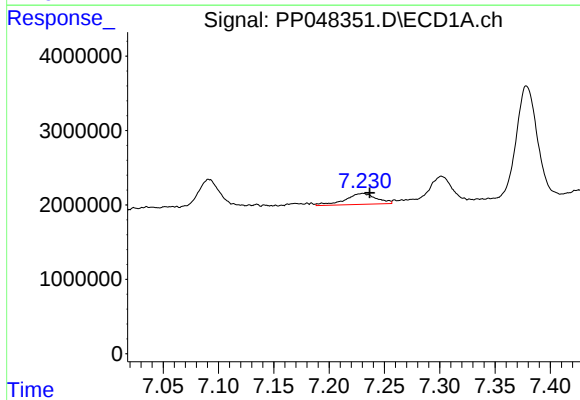
R.T.: 6.910 min
Delta R.T.: -0.006 min
Response: 2381094
Conc: 20.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



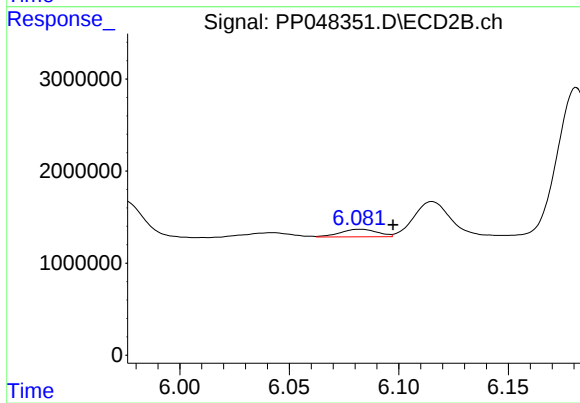
#28 AR-1254-3

R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 2507907
Conc: 20.44 ng/ml



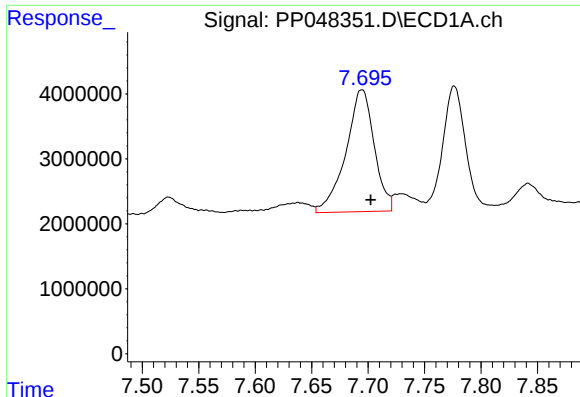
#29 AR-1254-4

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 2886571
Conc: 32.00 ng/ml



#29 AR-1254-4

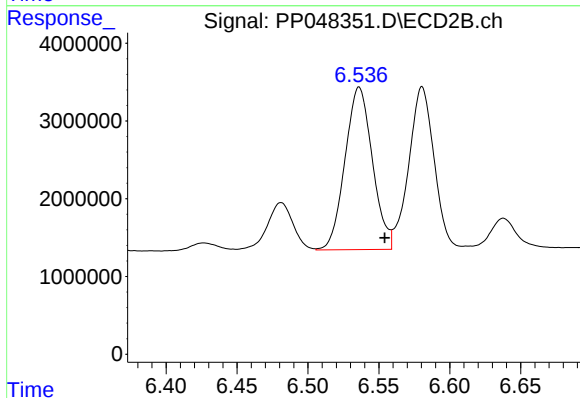
R.T.: 6.082 min
Delta R.T.: -0.015 min
Response: 968968
Conc: 12.90 ng/ml



#30 AR-1254-5

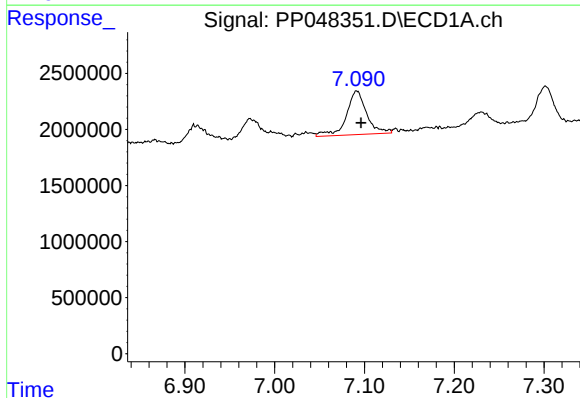
R.T.: 7.694 min
Delta R.T.: -0.008 min
Response: 32834283
Conc: 354.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



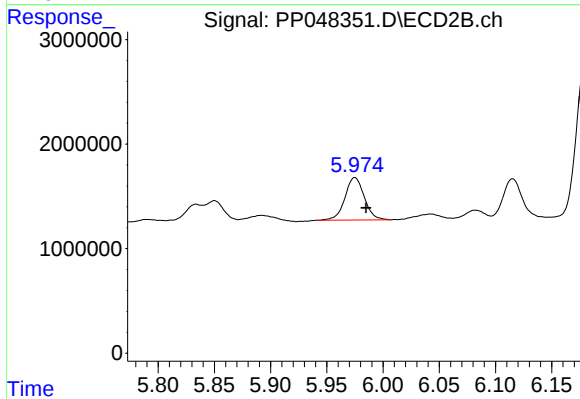
#30 AR-1254-5

R.T.: 6.536 min
Delta R.T.: -0.018 min
Response: 28159426
Conc: 278.15 ng/ml



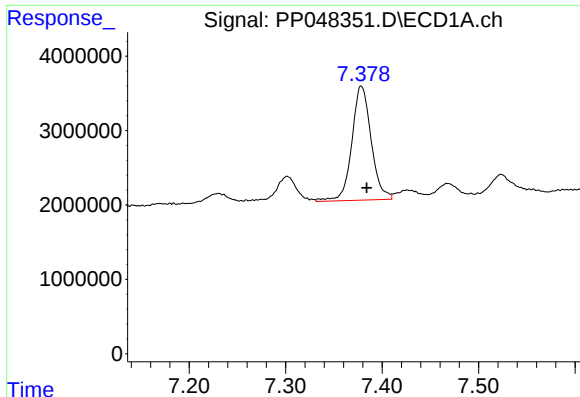
#31 AR-1260-1

R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 6098189
Conc: 65.34 ng/ml



#31 AR-1260-1

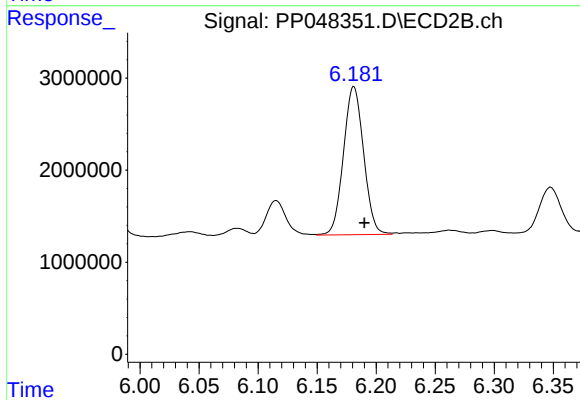
R.T.: 5.975 min
Delta R.T.: -0.010 min
Response: 4857231
Conc: 56.74 ng/ml



#32 AR-1260-2

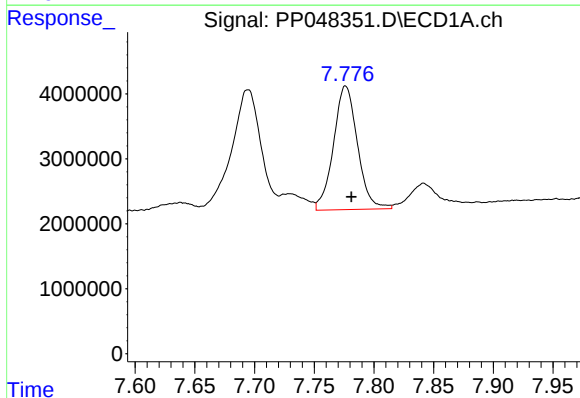
R.T.: 7.379 min
Delta R.T.: -0.006 min
Response: 21371425
Conc: 191.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



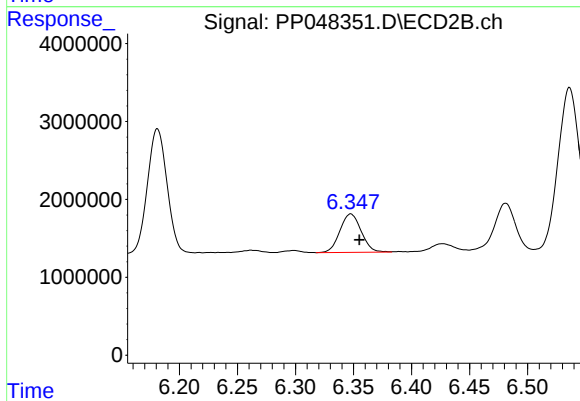
#32 AR-1260-2

R.T.: 6.181 min
Delta R.T.: -0.009 min
Response: 19101603
Conc: 185.31 ng/ml



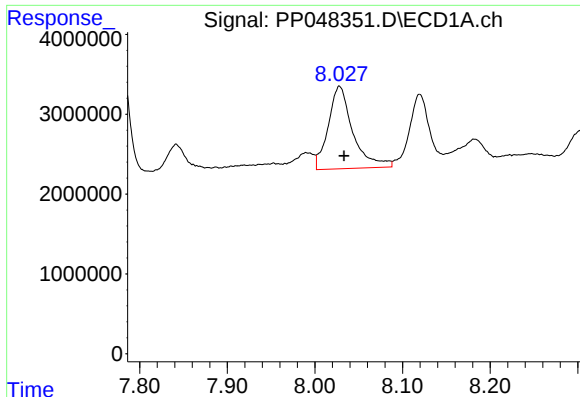
#33 AR-1260-3

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 26572260
Conc: 310.22 ng/ml



#33 AR-1260-3

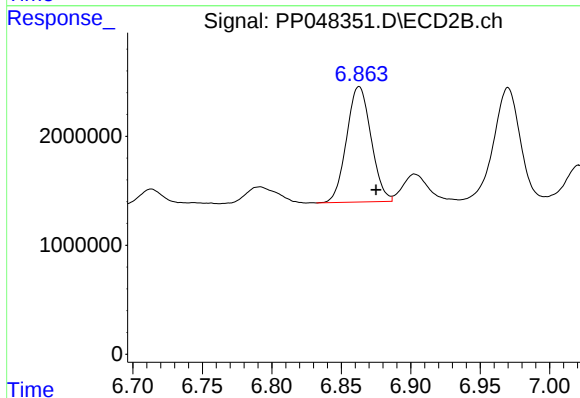
R.T.: 6.348 min
Delta R.T.: -0.007 min
Response: 6301275
Conc: 63.63 ng/ml



#34 AR-1260-4

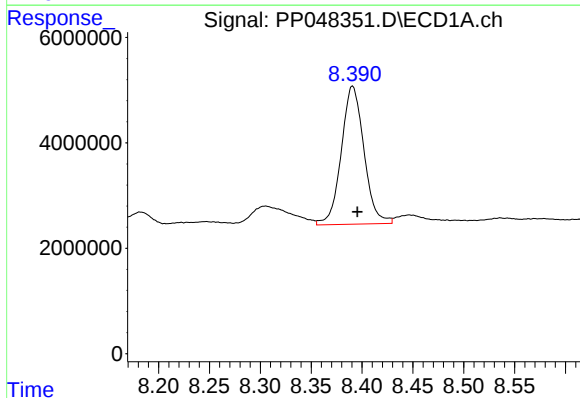
R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 20121360
Conc: 193.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



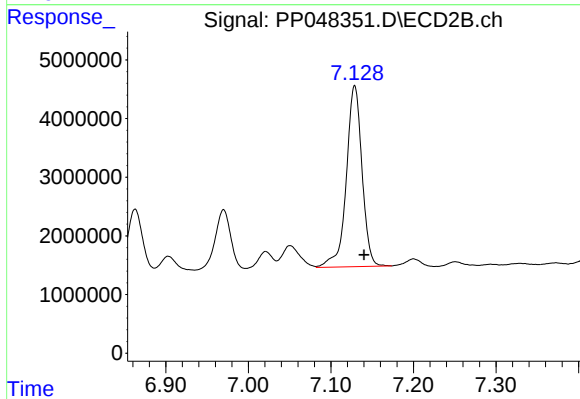
#34 AR-1260-4

R.T.: 6.863 min
Delta R.T.: -0.012 min
Response: 12992544
Conc: 156.07 ng/ml



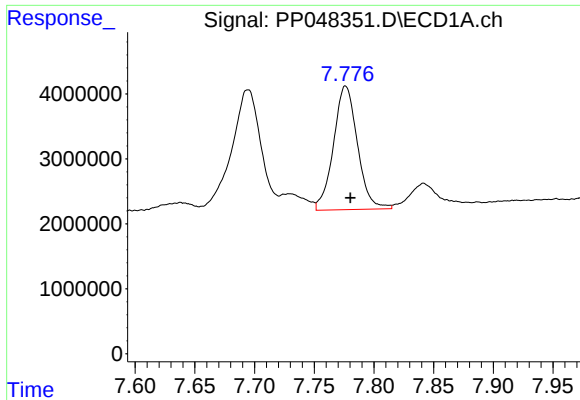
#35 AR-1260-5

R.T.: 8.391 min
Delta R.T.: -0.005 min
Response: 40638333
Conc: 196.93 ng/ml



#35 AR-1260-5

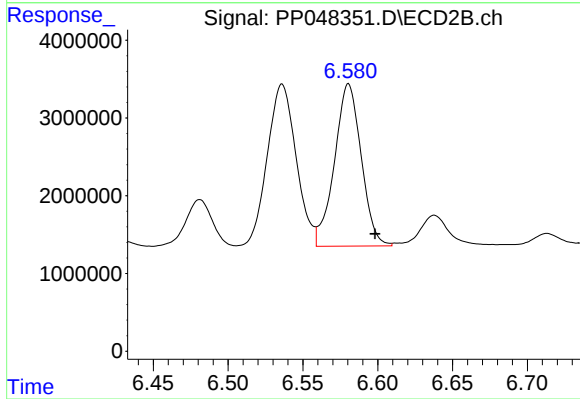
R.T.: 7.129 min
Delta R.T.: -0.011 min
Response: 40794352
Conc: 205.60 ng/ml



#36 AR-1262-1

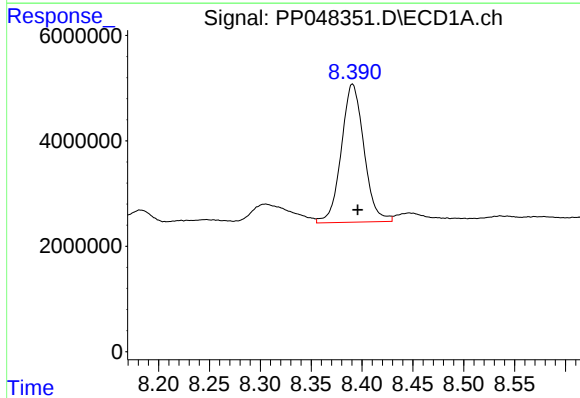
R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 26572260
Conc: 232.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



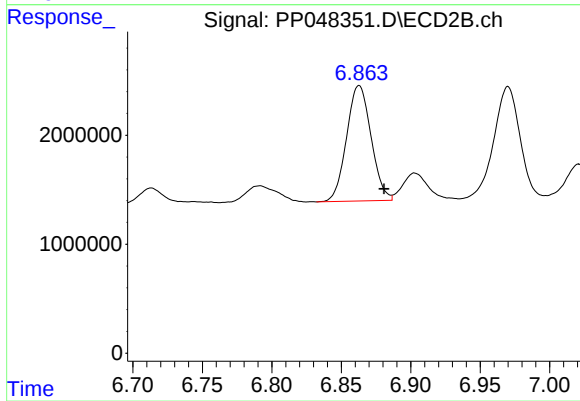
#36 AR-1262-1

R.T.: 6.581 min
Delta R.T.: -0.018 min
Response: 25978803
Conc: 240.45 ng/ml



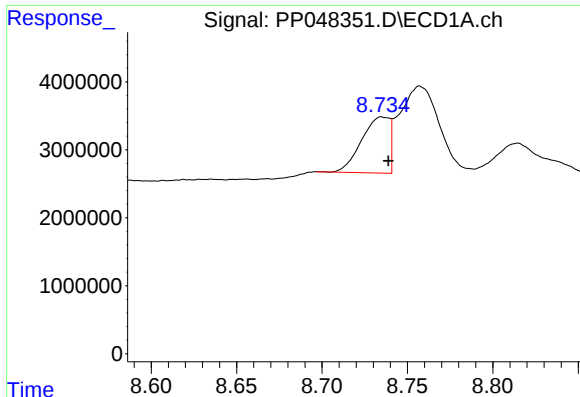
#37 AR-1262-2

R.T.: 8.391 min
Delta R.T.: -0.005 min
Response: 40638333
Conc: 190.66 ng/ml



#37 AR-1262-2

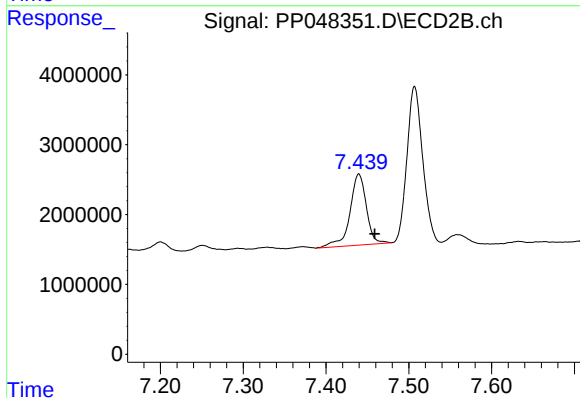
R.T.: 6.863 min
Delta R.T.: -0.018 min
Response: 12992544
Conc: 131.29 ng/ml



#38 AR-1262-3

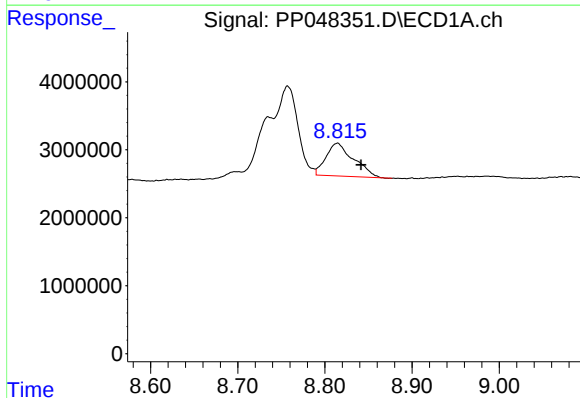
R.T.: 8.735 min
Delta R.T.: -0.004 min
Response: 9351436
Conc: 100.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



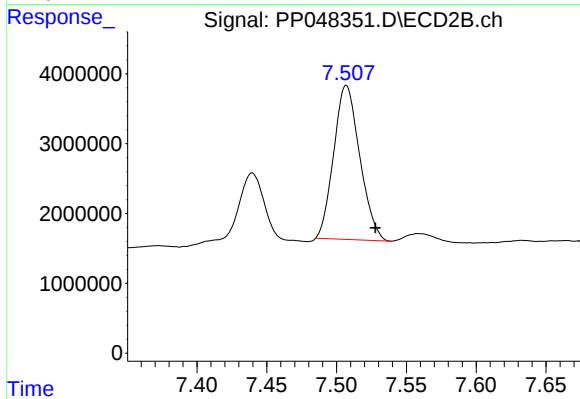
#38 AR-1262-3

R.T.: 7.440 min
Delta R.T.: -0.019 min
Response: 14027014
Conc: 186.39 ng/ml



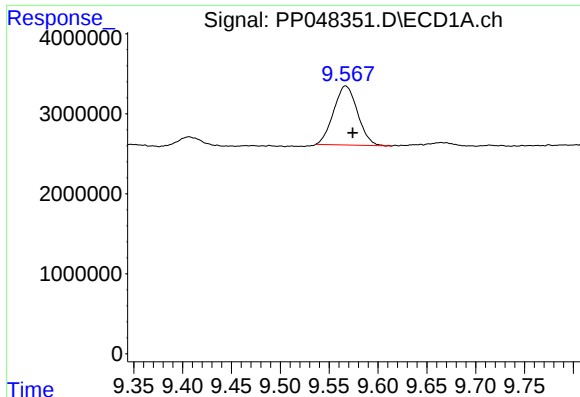
#39 AR-1262-4

R.T.: 8.814 min
Delta R.T.: -0.027 min
Response: 10664936
Conc: 179.37 ng/ml



#39 AR-1262-4

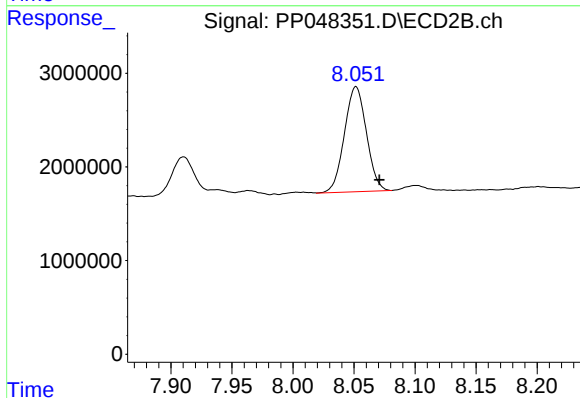
R.T.: 7.507 min
Delta R.T.: -0.021 min
Response: 28647153
Conc: 196.69 ng/ml



#40 AR-1262-5

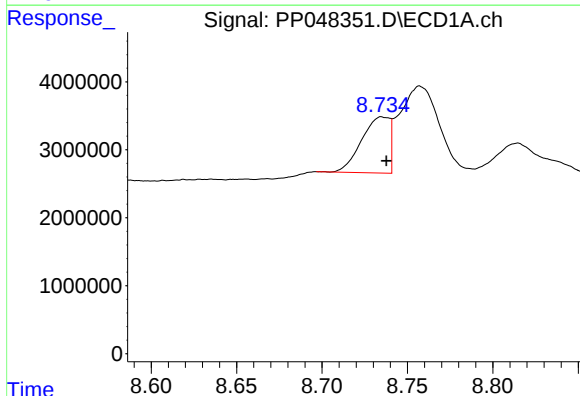
R.T.: 9.567 min
Delta R.T.: -0.007 min
Response: 12569638
Conc: 158.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



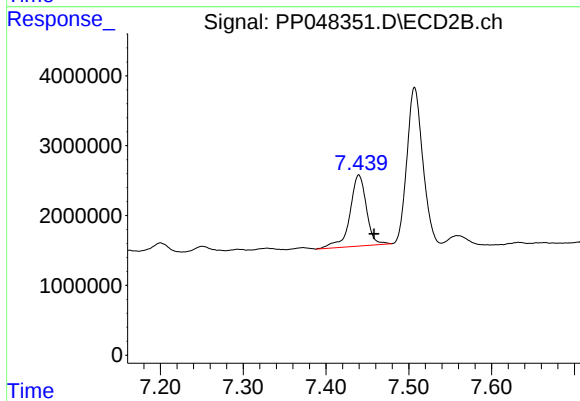
#40 AR-1262-5

R.T.: 8.052 min
Delta R.T.: -0.019 min
Response: 14097890
Conc: 208.88 ng/ml



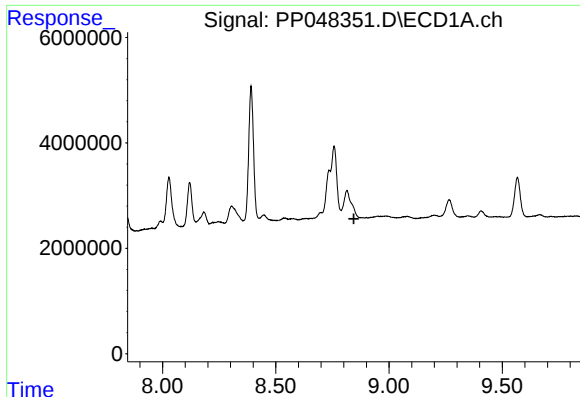
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: -0.002 min
Response: 9351436
Conc: 35.35 ng/ml



#41 AR-1268-1

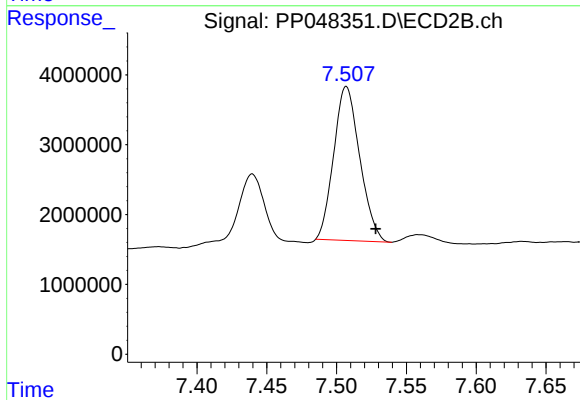
R.T.: 7.440 min
Delta R.T.: -0.018 min
Response: 14027014
Conc: 60.06 ng/ml



#42 AR-1268-2

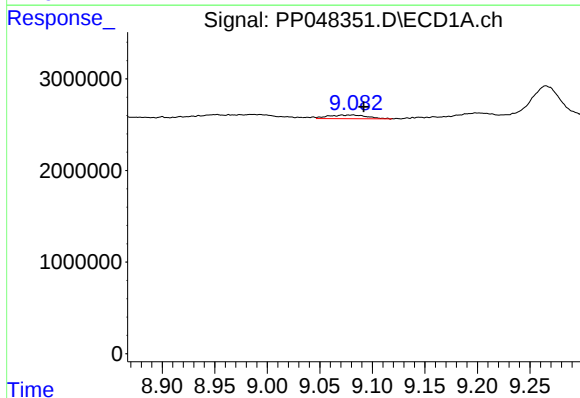
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



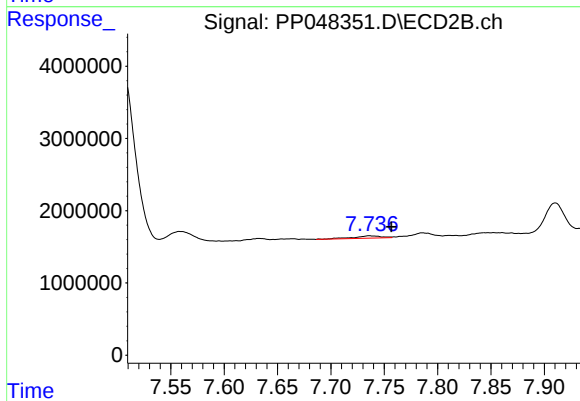
#42 AR-1268-2

R.T.: 7.507 min
Delta R.T.: -0.021 min
Response: 28647153
Conc: 132.40 ng/ml



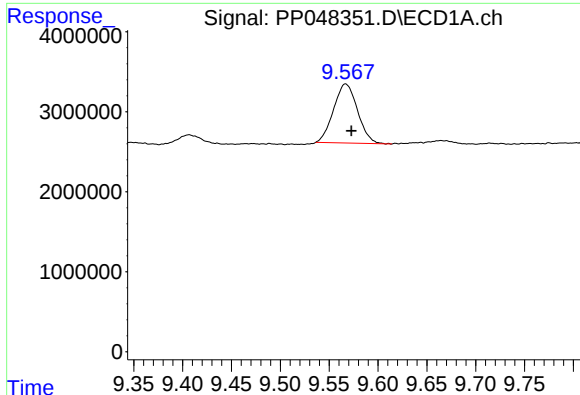
#43 AR-1268-3

R.T.: 9.081 min
Delta R.T.: -0.011 min
Response: 1004582
Conc: 4.89 ng/ml



#43 AR-1268-3

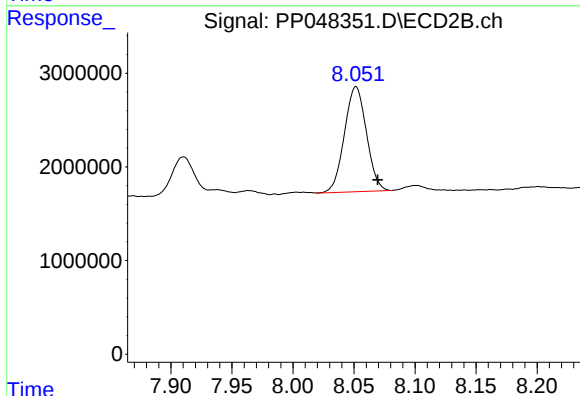
R.T.: 7.736 min
Delta R.T.: -0.021 min
Response: 572373
Conc: 3.08 ng/ml



#44 AR-1268-4

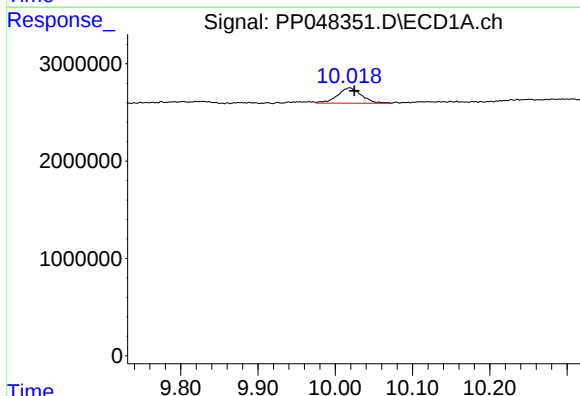
R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 12569638
Conc: 139.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



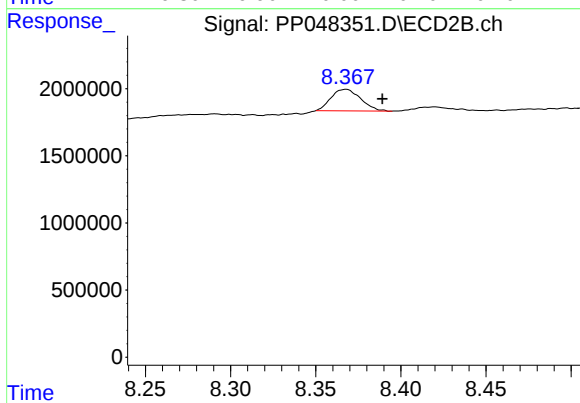
#44 AR-1268-4

R.T.: 8.052 min
Delta R.T.: -0.018 min
Response: 14097890
Conc: 171.61 ng/ml



#45 AR-1268-5

R.T.: 10.019 min
Delta R.T.: -0.006 min
Response: 3397442
Conc: 4.81 ng/ml



#45 AR-1268-5

R.T.: 8.368 min
Delta R.T.: -0.022 min
Response: 1944957
Conc: 3.21 ng/ml