

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100323\
 Data File : PP060553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 02:48
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 04:42:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 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...	4.533	3.684	115.2E6	81942278	51.456	55.050
2) SA Decachlor...	10.462	8.748	84996411	70063548	48.142	42.952
Target Compounds						
3) L1 AR-1016-1	5.721	4.780	1240041	989166	16.847	17.022
4) L1 AR-1016-2	5.745	4.801	1459963	860567	13.940	10.690
5) L1 AR-1016-3	5.807	4.979	616285	581992	9.430	13.022 #
6) L1 AR-1016-4	5.906	5.020	690338	18039107	12.695	501.313 #
7) L1 AR-1016-5	6.205	5.236	14426684	13231967	259.367	272.319
8) L2 AR-1221-1	0.000	3.905	0	37625	N.D.	1.801 #
9) L2 AR-1221-2	4.845	3.987	1994726	1381733	93.364	92.666
10) L2 AR-1221-3	4.908	4.065	478413	316595	7.878	7.207
11) L3 AR-1232-1	4.908f	4.065	478413	316595	9.504	8.700
12) L3 AR-1232-2	5.447f	4.801	503952	860567	18.404	23.598 #
13) L3 AR-1232-3	5.745	4.979	1459963	581992	31.453	29.077
14) L3 AR-1232-4	5.906f	5.061	690338	6041487	28.086	323.693 #
15) L3 AR-1232-5	5.998f	5.236	23833804	13231967	1150.188	636.172 #
16) L4 AR-1242-1	5.721	4.780	1240041	989166	19.404	19.538
17) L4 AR-1242-2	5.745	4.801	1459963	860567	16.124	12.392
18) L4 AR-1242-3	5.807	4.979	616285	581992	10.946	15.112 #
19) L4 AR-1242-4	5.906	5.061	690338	6041487	14.781	153.404 #
20) L4 AR-1242-5	6.656	5.591	14092360	47258987	280.189	966.102 #
21) L5 AR-1248-1	5.721	4.780	1240041	989166	26.654	27.105
22) L5 AR-1248-2	5.998	5.020	23833804	18039107	343.747	345.102
23) L5 AR-1248-3	6.205	5.061	14426684	6041487	189.951	108.808 #
24) L5 AR-1248-4	6.613	5.236	19901558	13231967	240.631	201.011
25) L5 AR-1248-5	6.656	5.631	14092360	6293718	175.097	97.847 #
26) L6 AR-1254-1	6.587	5.591	40159812	47258987	470.584	477.755
27) L6 AR-1254-2	6.808	5.739	58381337	40680955	457.440	473.348
28) L6 AR-1254-3	7.178	6.146	60986022	66012403	458.830	460.573
29) L6 AR-1254-4	7.467	6.375	45609413	39186496	463.797	449.577
30) L6 AR-1254-5	7.890	6.796	48382999	55717520	446.572	439.689
31) L7 AR-1260-1	7.345	6.278	26462431	31750612	252.444	316.319 #
32) L7 AR-1260-2	7.603	6.466	29977119	24999936	247.937	209.547
33) L7 AR-1260-3	7.952	6.620	8307137	25894613	89.623	226.165 #
34) L7 AR-1260-4	8.185	7.096	20989747	2666827	197.922	28.018 #
35) L7 AR-1260-5	8.533	7.338	6733749	6307889	34.796	29.107
36) L8 AR-1262-1	7.952	6.887	8307137	1670098	66.598	31.189 #
37) L8 AR-1262-2	8.533	7.096	6733749	2666827	32.145	22.610 #
38) L8 AR-1262-3	8.877f	7.626	6221099	705368	41.107	7.650 #
39) L8 AR-1262-4	8.927f	7.686	1718839	5958908	14.362	35.372 #
40) L8 AR-1262-5	0.000	8.187	0	238720	N.D.	3.081 #
41) L9 AR-1268-1	8.877f	7.626	6221099	705368	23.449	2.595 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

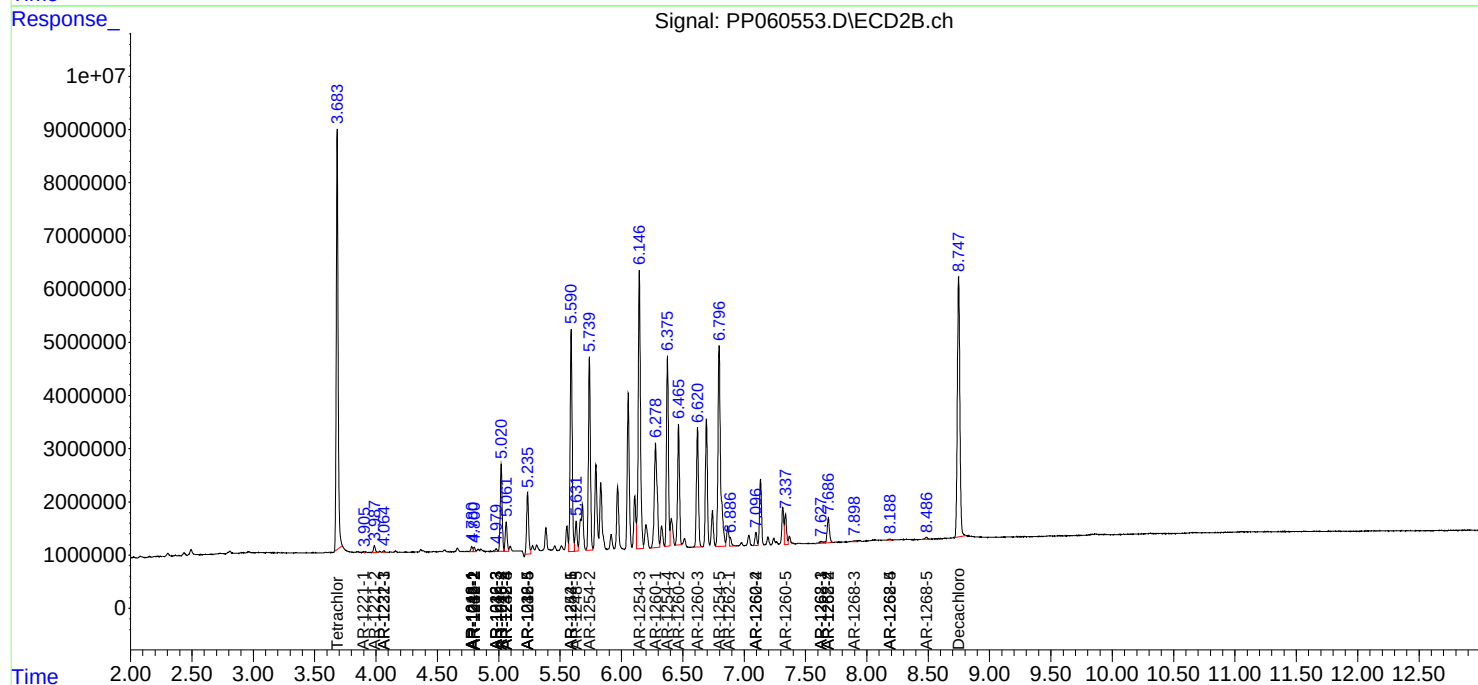
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

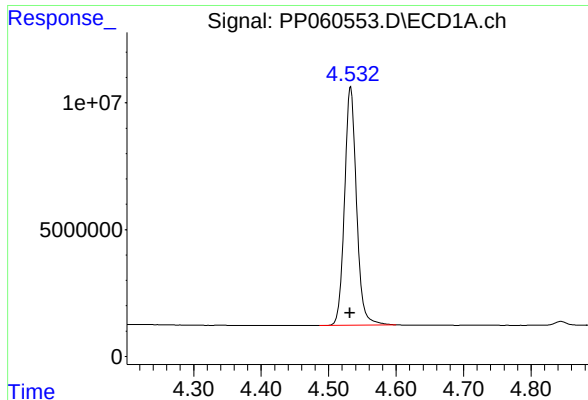
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.927f	7.686	1718839	5958908	7.052	24.434 #
43) L9	AR-1268-3	0.000	7.898	0	323933	N.D.	1.515 #
44) L9	AR-1268-4	0.000	8.187	0	238720	N.D.	2.721 #
45) L9	AR-1268-5	10.097	8.485	523938	589339	0.828	0.943

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

Instrument :
ECD_P
ClientSampleId :

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

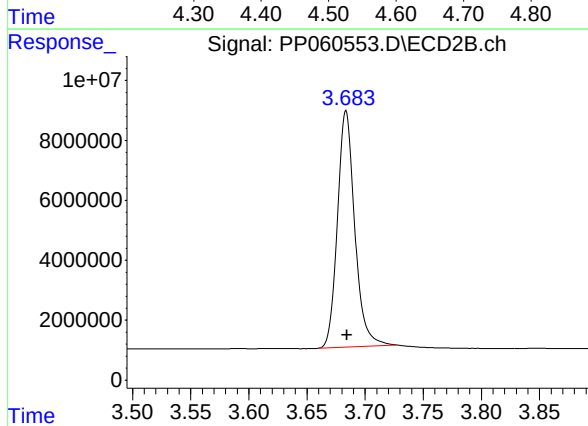




#1 Tetrachloro-m-xylene

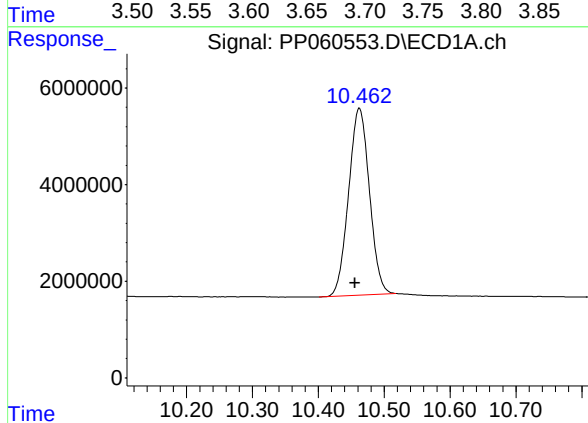
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 115235267
Conc: 51.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



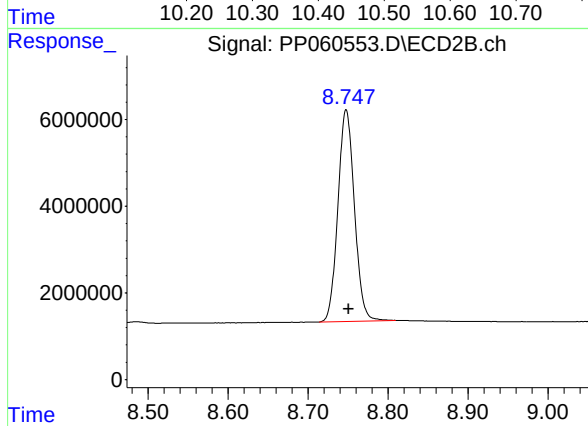
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 81942278
Conc: 55.05 ng/ml



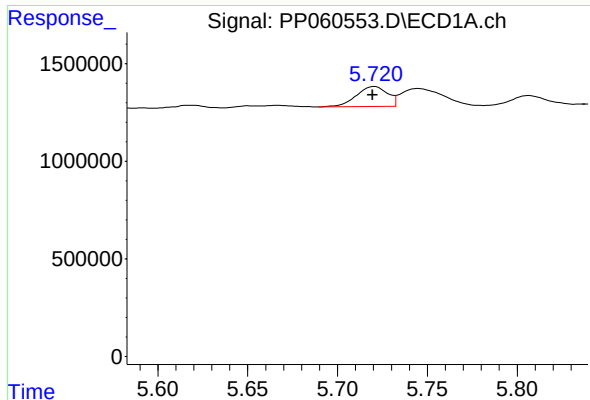
#2 Decachlorobiphenyl

R.T.: 10.462 min
Delta R.T.: 0.007 min
Response: 84996411
Conc: 48.14 ng/ml



#2 Decachlorobiphenyl

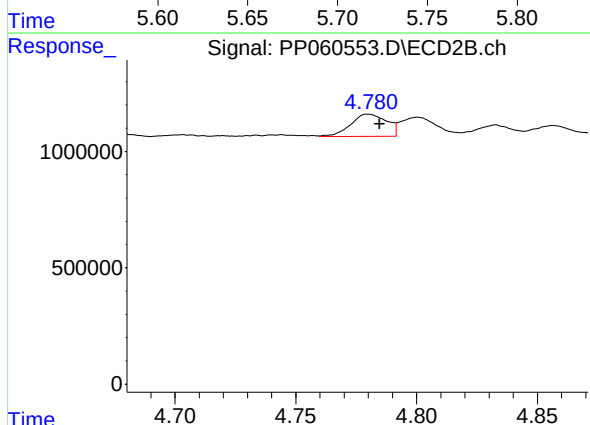
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 70063548
Conc: 42.95 ng/ml



#3 AR-1016-1

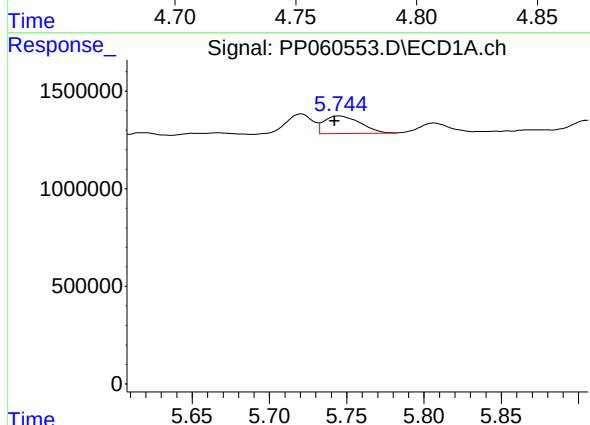
R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 1240041
Conc: 16.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



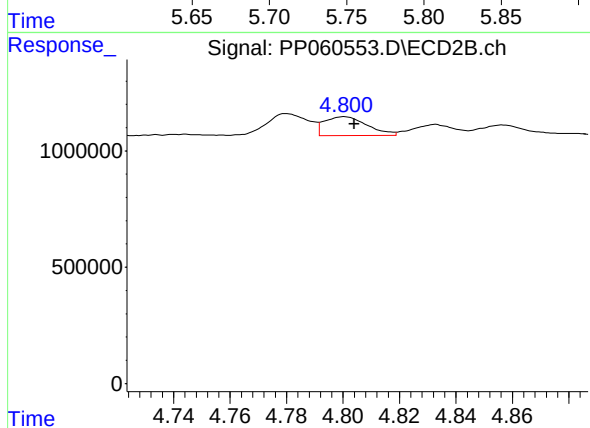
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 989166
Conc: 17.02 ng/ml



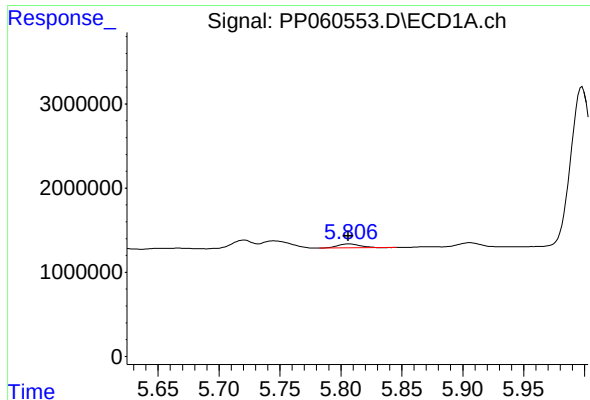
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: 0.003 min
Response: 1459963
Conc: 13.94 ng/ml



#4 AR-1016-2

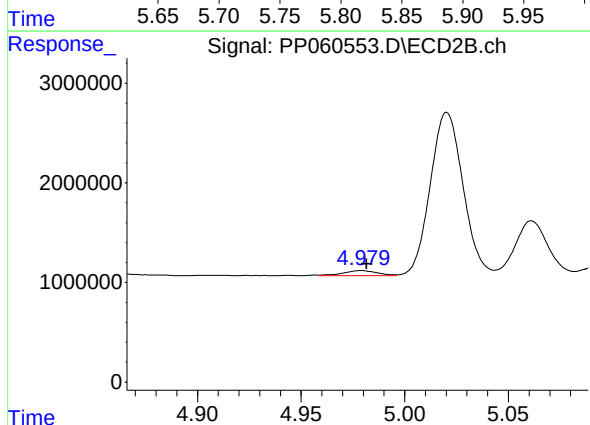
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 860567
Conc: 10.69 ng/ml



#5 AR-1016-3

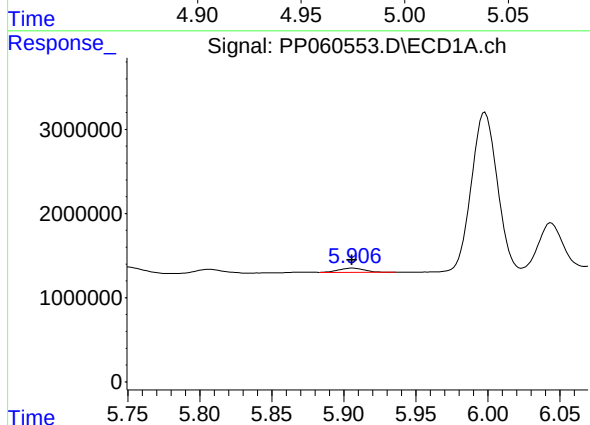
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 616285
Conc: 9.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



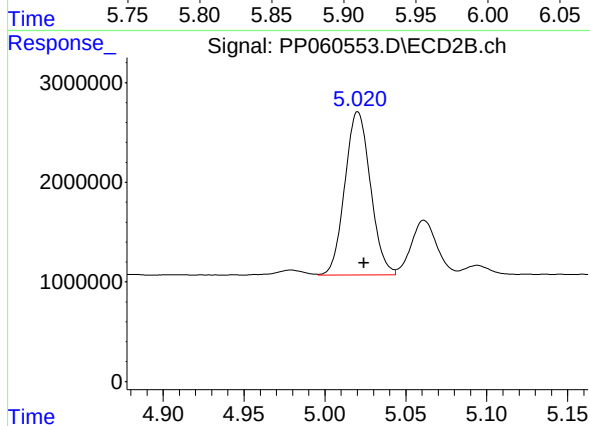
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 581992
Conc: 13.02 ng/ml



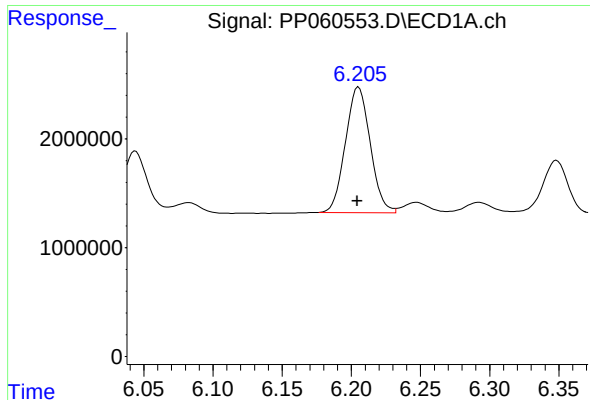
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 690338
Conc: 12.69 ng/ml



#6 AR-1016-4

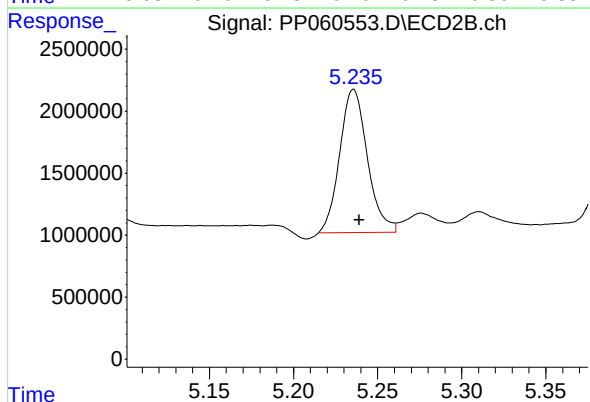
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 18039107
Conc: 501.31 ng/ml



#7 AR-1016-5

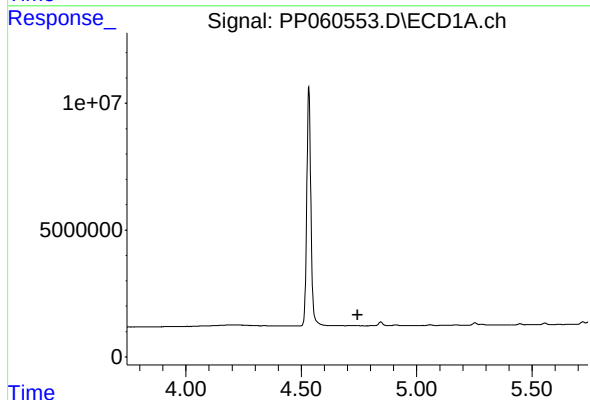
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 14426684
Conc: 259.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



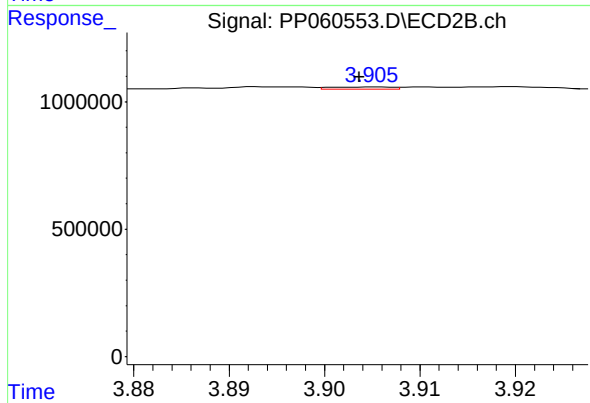
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 13231967
Conc: 272.32 ng/ml



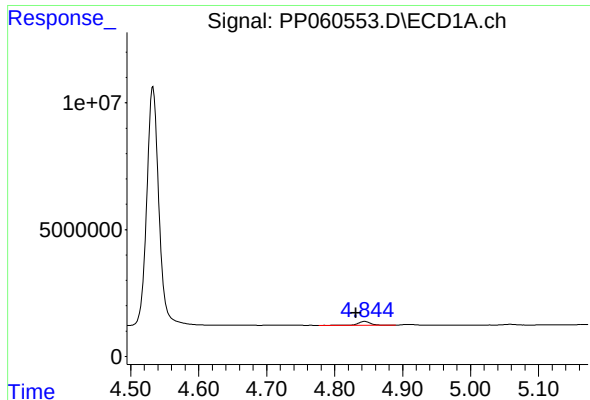
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

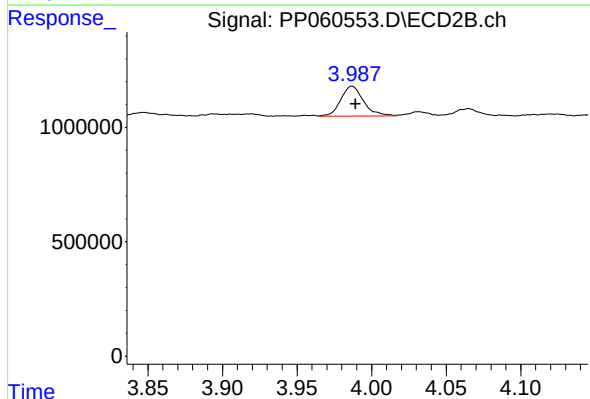
R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 37625
Conc: 1.80 ng/ml



#9 AR-1221-2

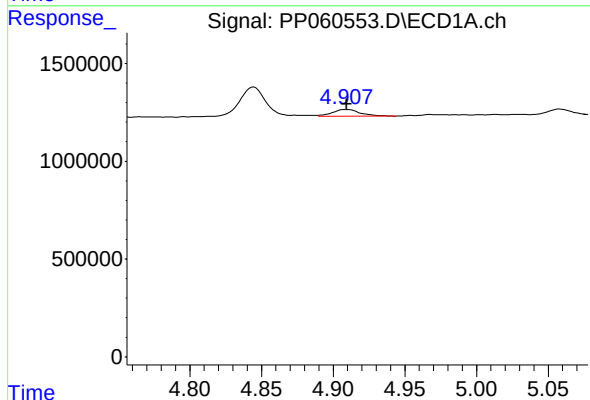
R.T.: 4.845 min
Delta R.T.: 0.013 min
Response: 1994726
Conc: 93.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



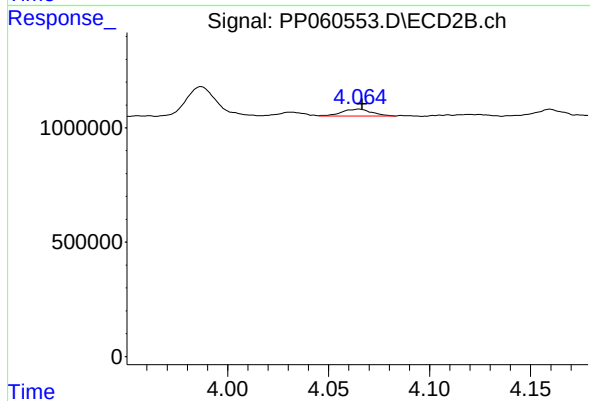
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 1381733
Conc: 92.67 ng/ml



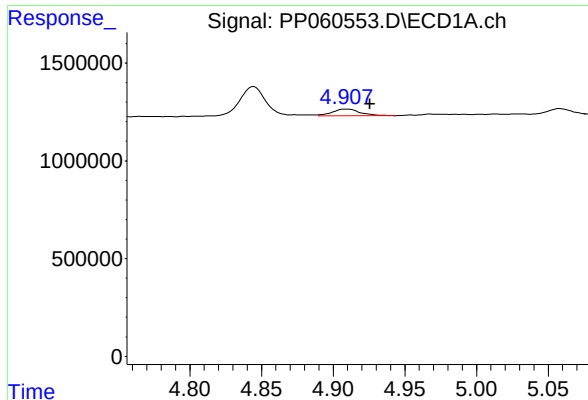
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.001 min
Response: 478413
Conc: 7.88 ng/ml



#10 AR-1221-3

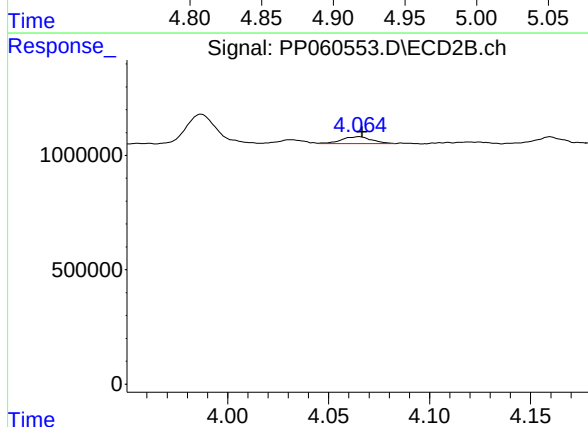
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 316595
Conc: 7.21 ng/ml



#11 AR-1232-1

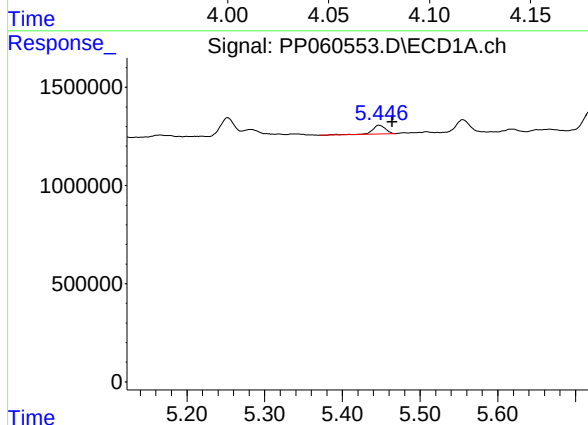
R.T.: 4.908 min
Delta R.T.: -0.017 min
Response: 478413
Conc: 9.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



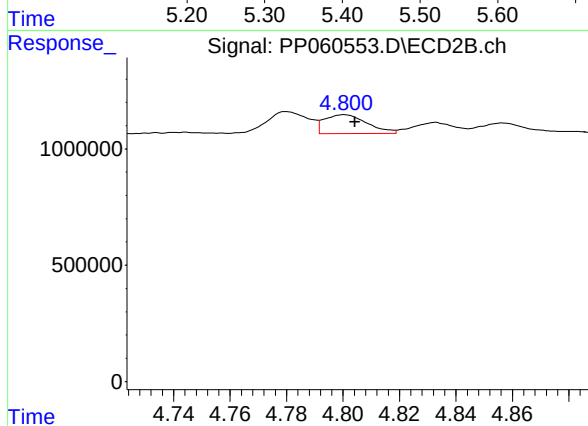
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 316595
Conc: 8.70 ng/ml



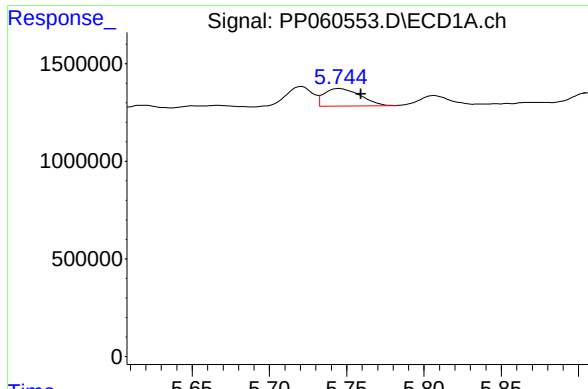
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 503952
Conc: 18.40 ng/ml



#12 AR-1232-2

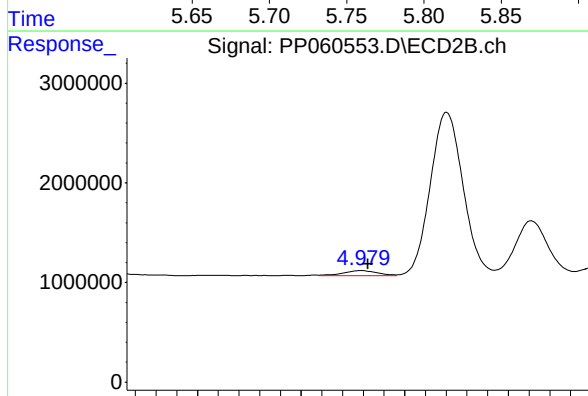
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 860567
Conc: 23.60 ng/ml



#13 AR-1232-3

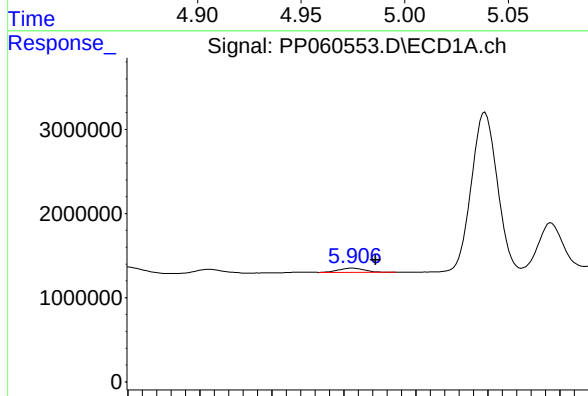
R.T.: 5.745 min
Delta R.T.: -0.014 min
Response: 1459963
Conc: 31.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



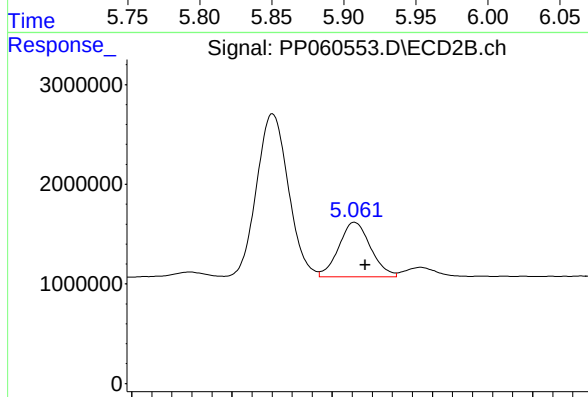
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 581992
Conc: 29.08 ng/ml



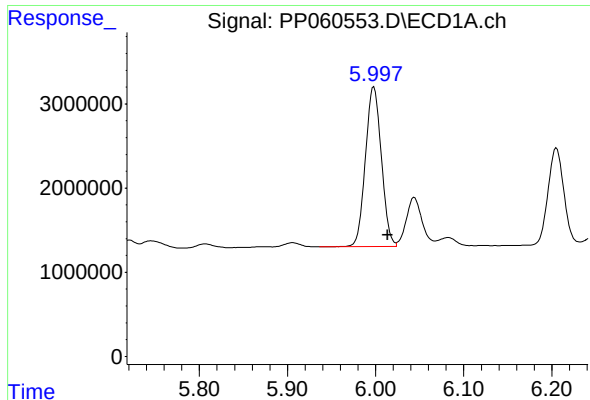
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.016 min
Response: 690338
Conc: 28.09 ng/ml



#14 AR-1232-4

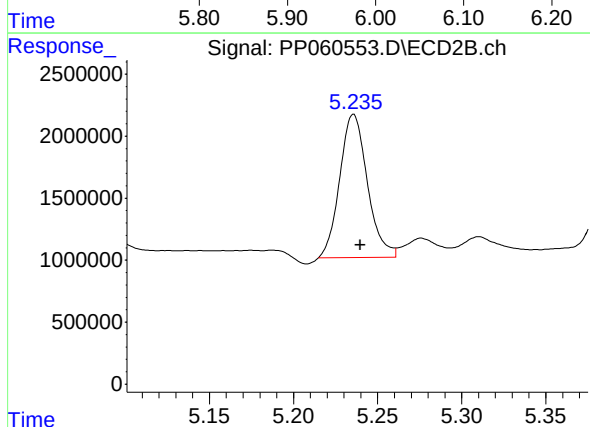
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 6041487
Conc: 323.69 ng/ml



#15 AR-1232-5

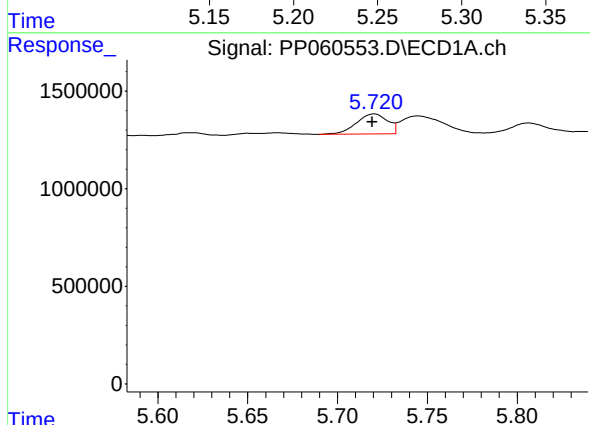
R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 23833804
Conc: 1150.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



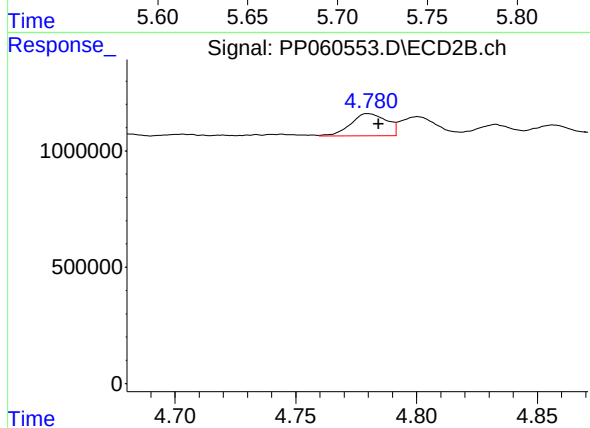
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 13231967
Conc: 636.17 ng/ml



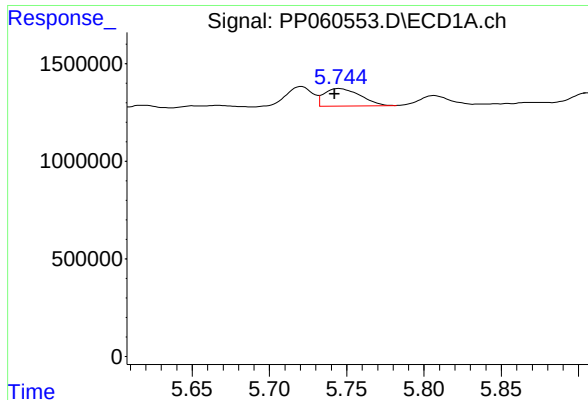
#16 AR-1242-1

R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 1240041
Conc: 19.40 ng/ml



#16 AR-1242-1

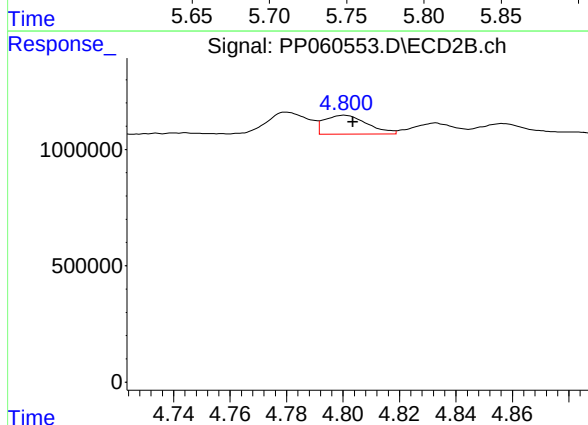
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 989166
Conc: 19.54 ng/ml



#17 AR-1242-2

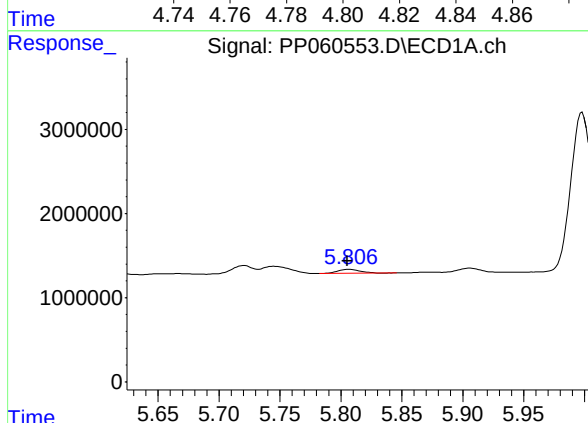
R.T.: 5.745 min
Delta R.T.: 0.003 min
Response: 1459963
Conc: 16.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



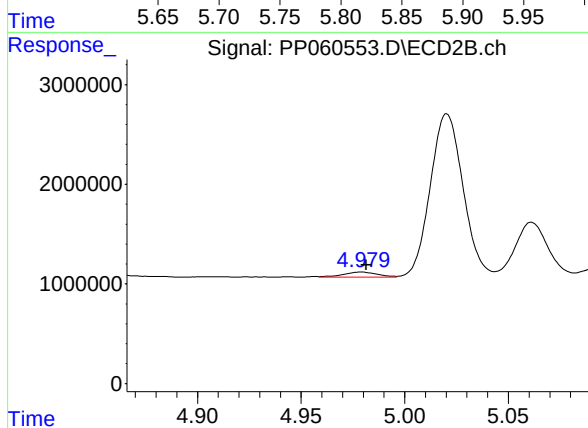
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 860567
Conc: 12.39 ng/ml



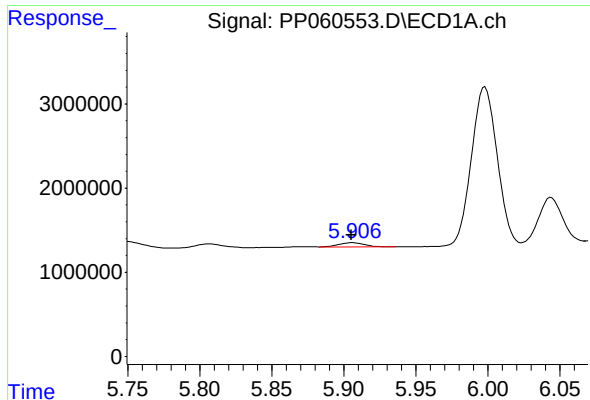
#18 AR-1242-3

R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 616285
Conc: 10.95 ng/ml



#18 AR-1242-3

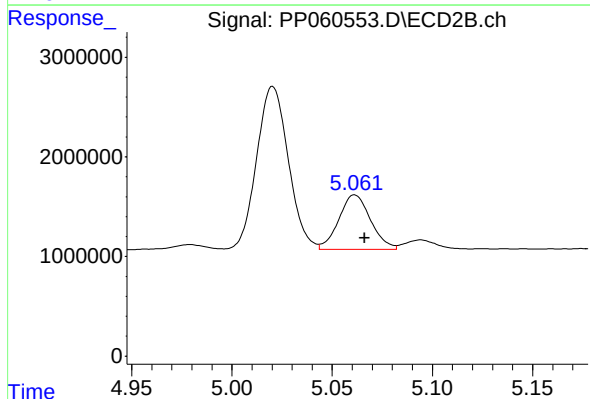
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 581992
Conc: 15.11 ng/ml



#19 AR-1242-4

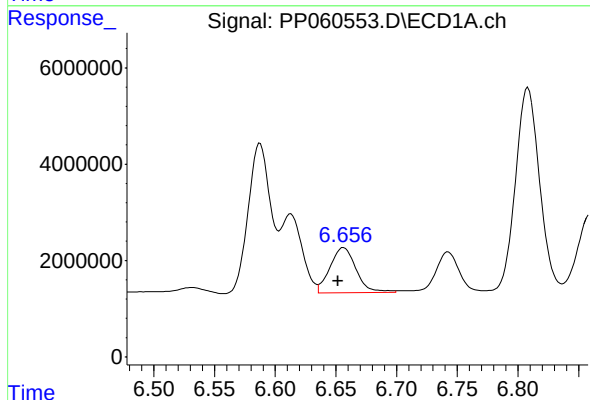
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 690338
Conc: 14.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



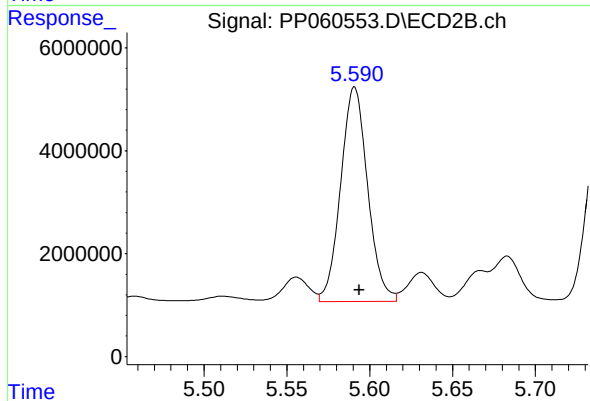
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 6041487
Conc: 153.40 ng/ml



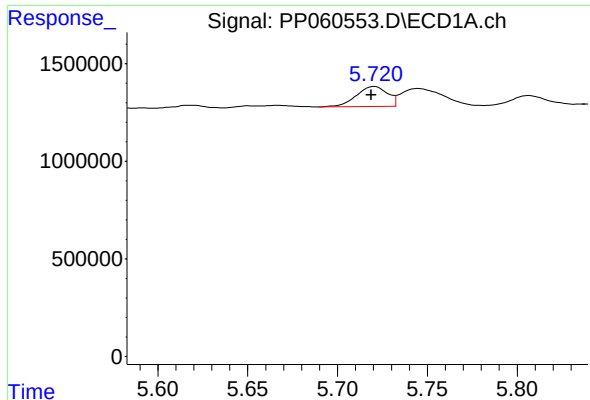
#20 AR-1242-5

R.T.: 6.656 min
Delta R.T.: 0.005 min
Response: 14092360
Conc: 280.19 ng/ml



#20 AR-1242-5

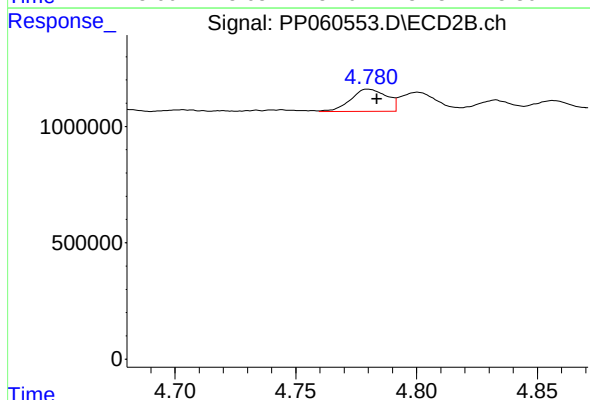
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 47258987
Conc: 966.10 ng/ml



#21 AR-1248-1

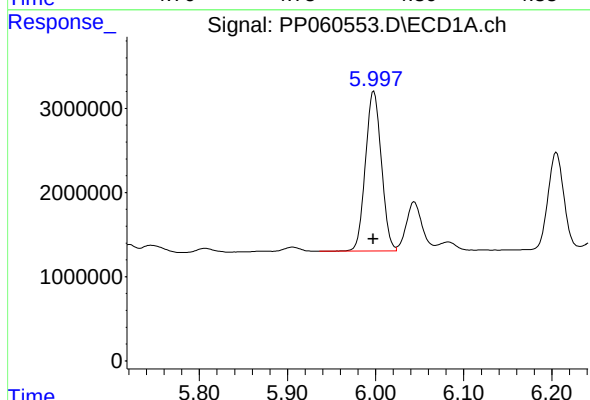
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 1240041
Conc: 26.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



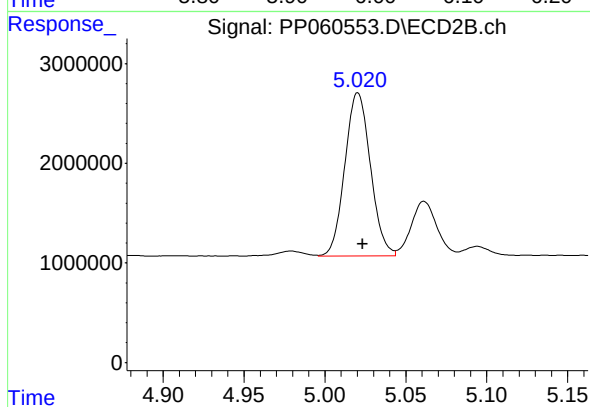
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 989166
Conc: 27.11 ng/ml



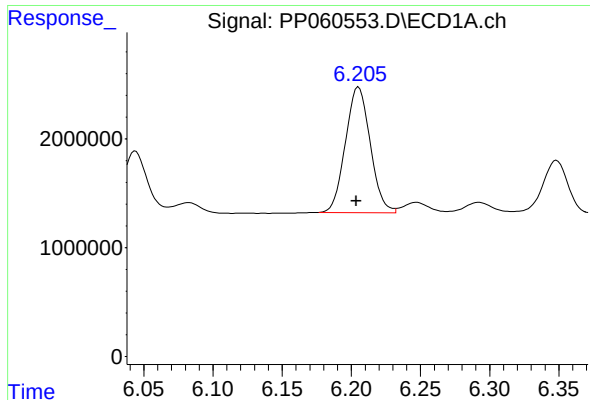
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 23833804
Conc: 343.75 ng/ml



#22 AR-1248-2

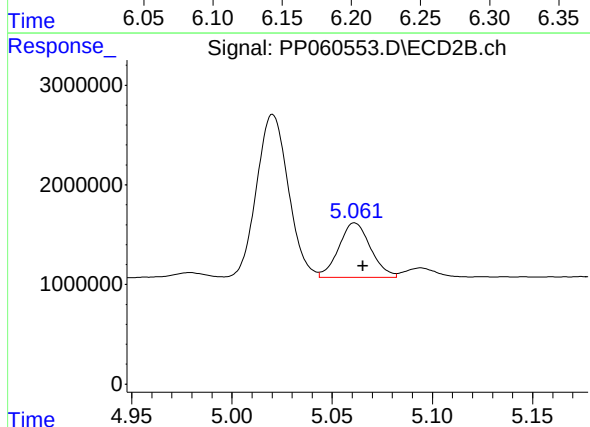
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 18039107
Conc: 345.10 ng/ml



#23 AR-1248-3

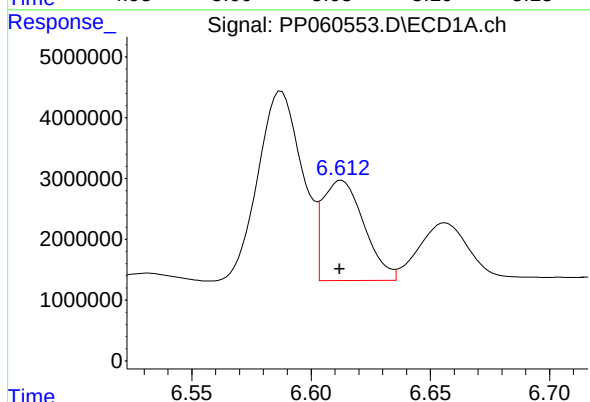
R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 14426684
Conc: 189.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



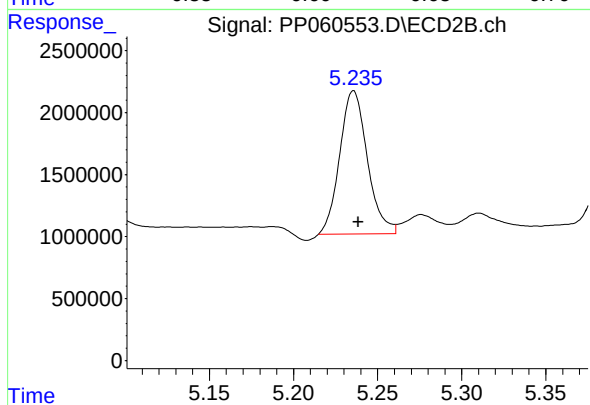
#23 AR-1248-3

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 6041487
Conc: 108.81 ng/ml



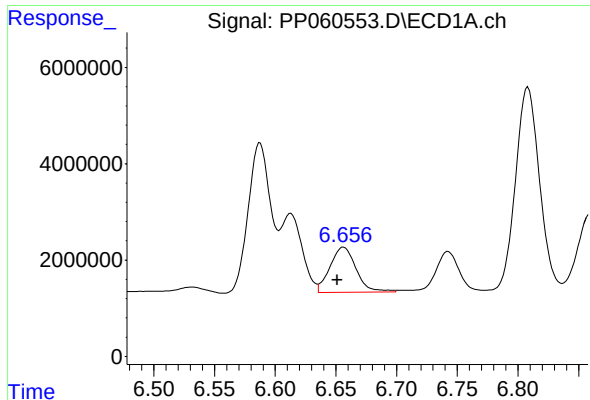
#24 AR-1248-4

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 19901558
Conc: 240.63 ng/ml



#24 AR-1248-4

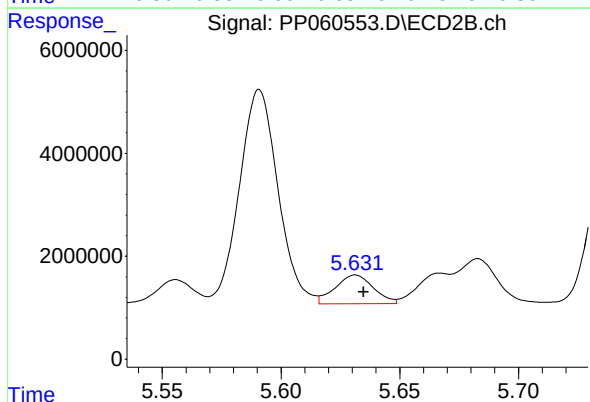
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 13231967
Conc: 201.01 ng/ml



#25 AR-1248-5

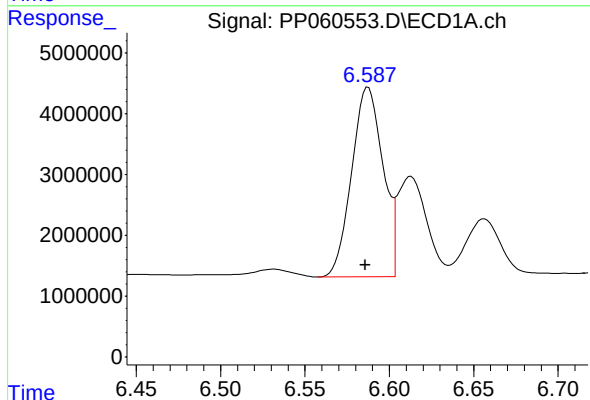
R.T.: 6.656 min
Delta R.T.: 0.005 min
Response: 14092360
Conc: 175.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



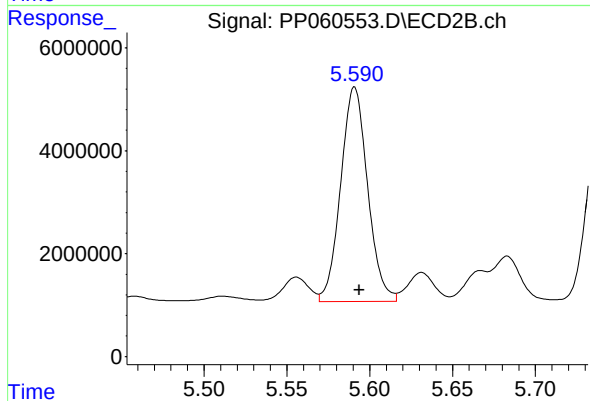
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 6293718
Conc: 97.85 ng/ml



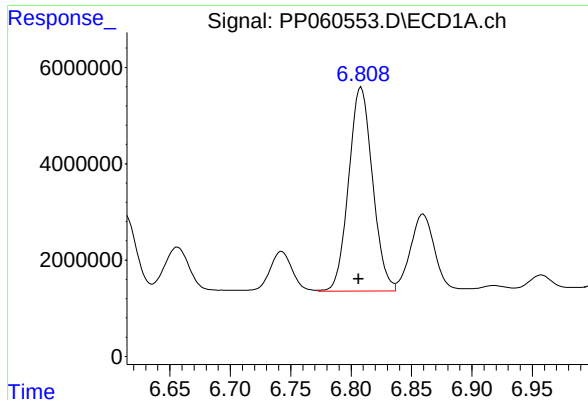
#26 AR-1254-1

R.T.: 6.587 min
Delta R.T.: 0.002 min
Response: 40159812
Conc: 470.58 ng/ml



#26 AR-1254-1

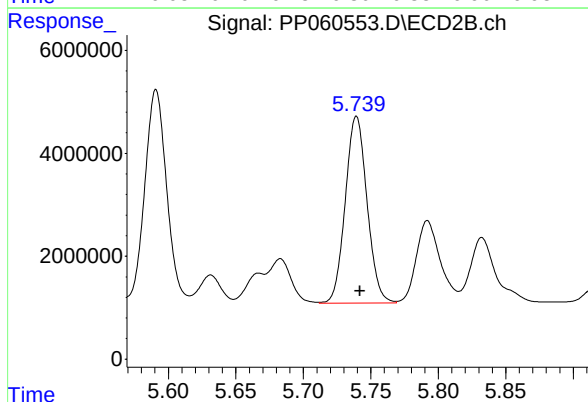
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 47258987
Conc: 477.76 ng/ml



#27 AR-1254-2

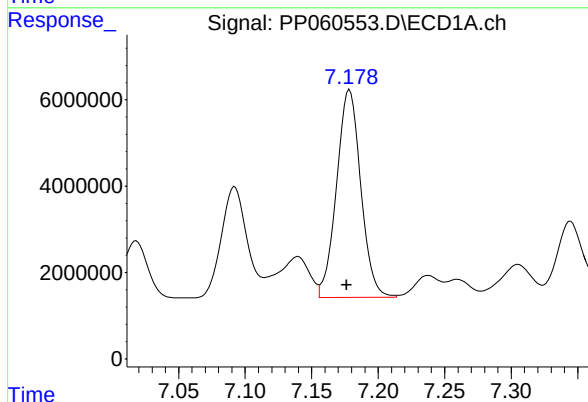
R.T.: 6.808 min
Delta R.T.: 0.002 min
Response: 58381337
Conc: 457.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



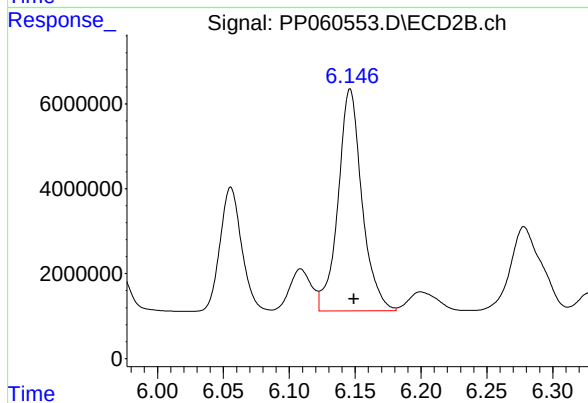
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 40680955
Conc: 473.35 ng/ml



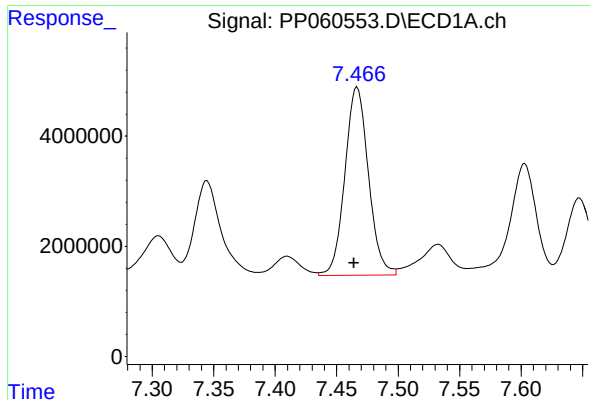
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 60986022
Conc: 458.83 ng/ml



#28 AR-1254-3

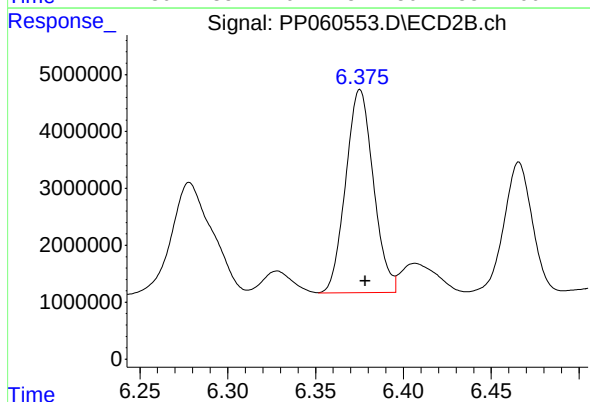
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 66012403
Conc: 460.57 ng/ml



#29 AR-1254-4

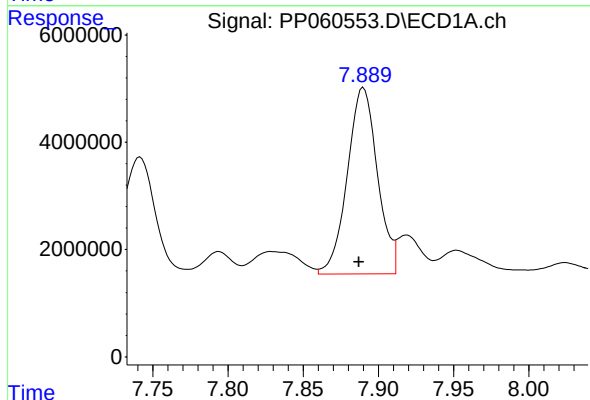
R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 45609413
Conc: 463.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



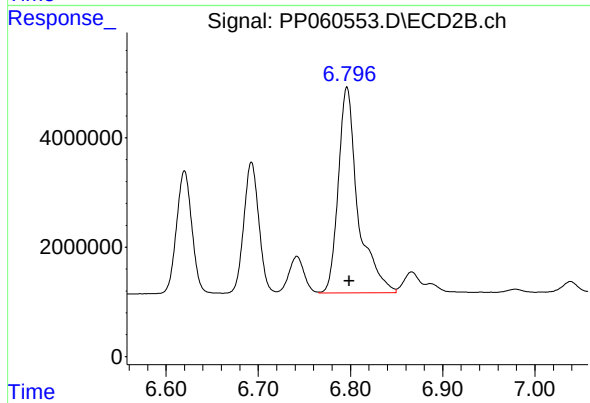
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 39186496
Conc: 449.58 ng/ml



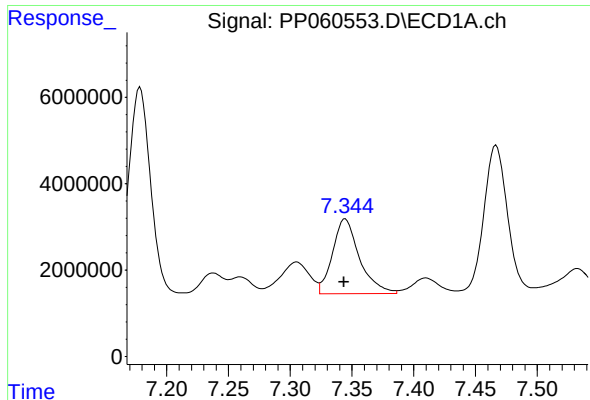
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.003 min
Response: 48382999
Conc: 446.57 ng/ml



#30 AR-1254-5

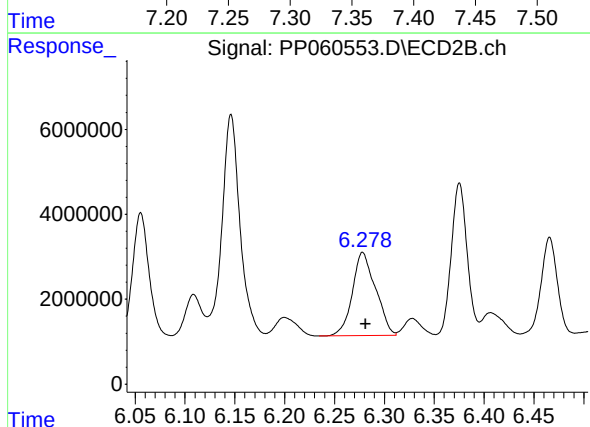
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 55717520
Conc: 439.69 ng/ml



#31 AR-1260-1

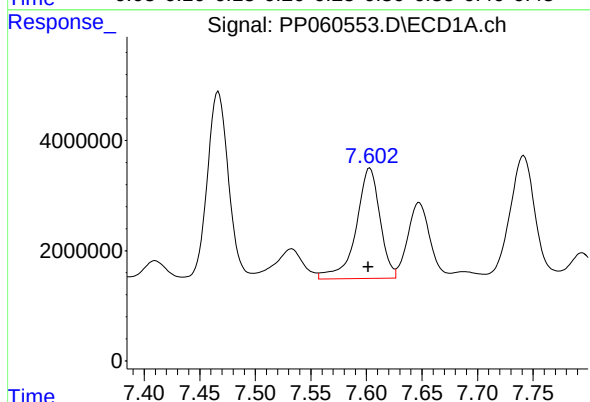
R.T.: 7.345 min
Delta R.T.: 0.001 min
Response: 26462431
Conc: 252.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



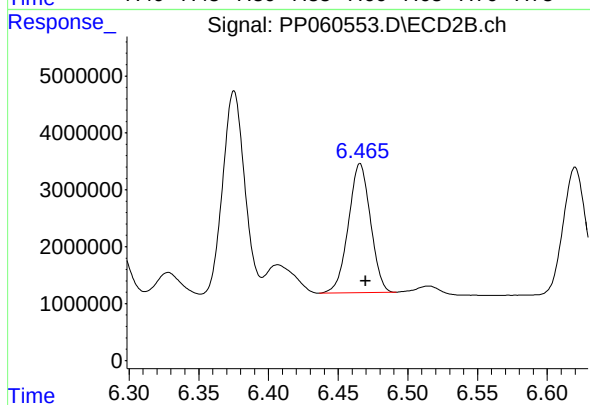
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 31750612
Conc: 316.32 ng/ml



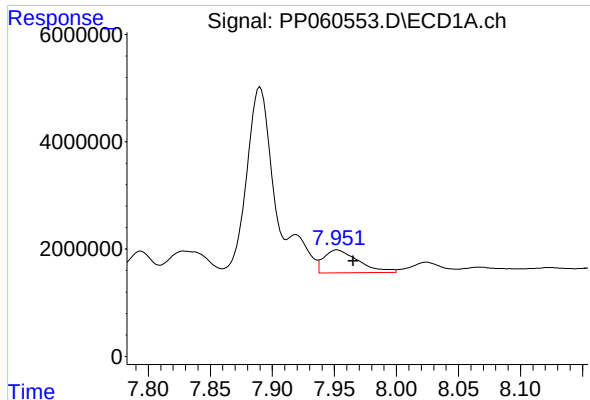
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: 0.001 min
Response: 29977119
Conc: 247.94 ng/ml



#32 AR-1260-2

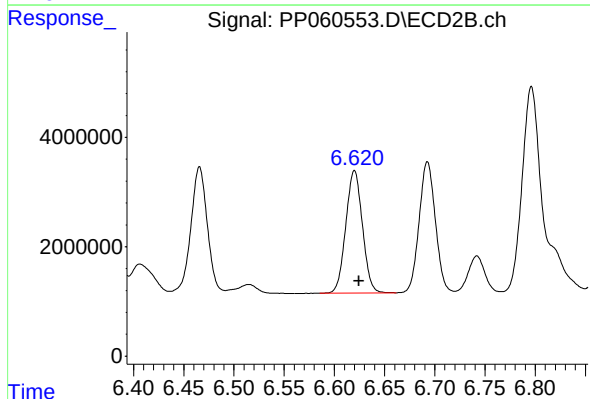
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 24999936
Conc: 209.55 ng/ml



#33 AR-1260-3

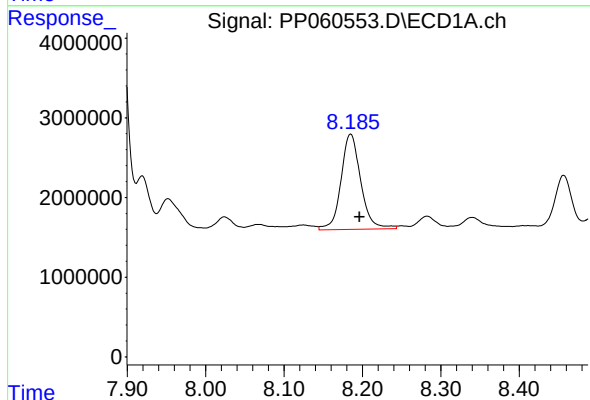
R.T.: 7.952 min
Delta R.T.: -0.013 min
Response: 8307137
Conc: 89.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



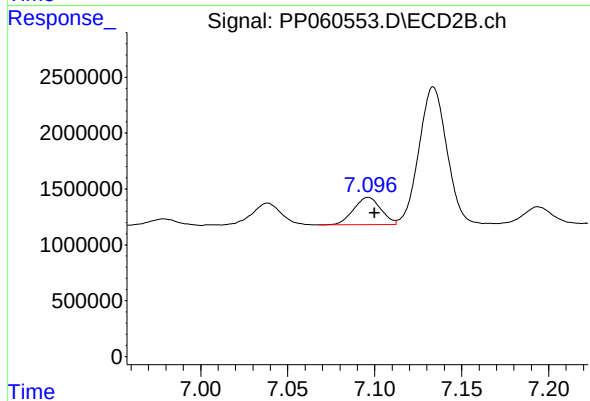
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 25894613
Conc: 226.16 ng/ml



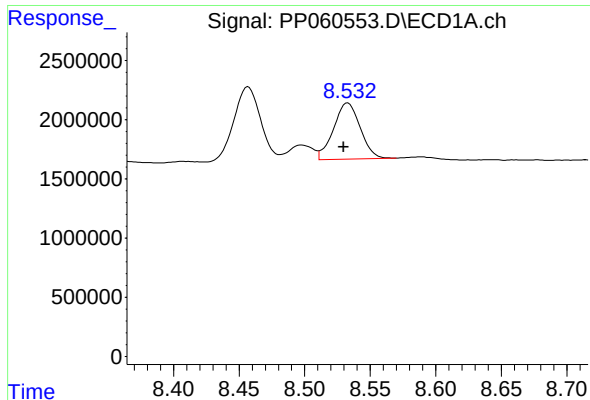
#34 AR-1260-4

R.T.: 8.185 min
Delta R.T.: -0.011 min
Response: 20989747
Conc: 197.92 ng/ml



#34 AR-1260-4

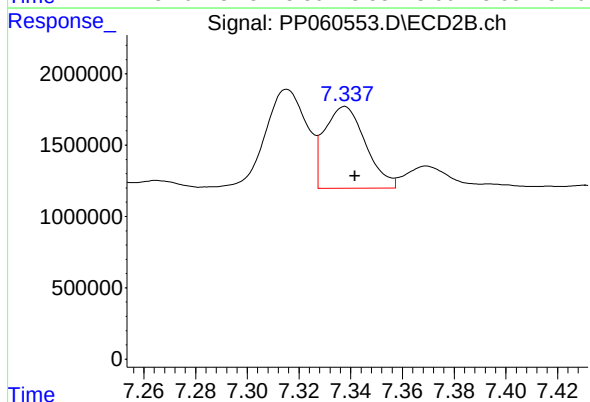
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 2666827
Conc: 28.02 ng/ml



#35 AR-1260-5

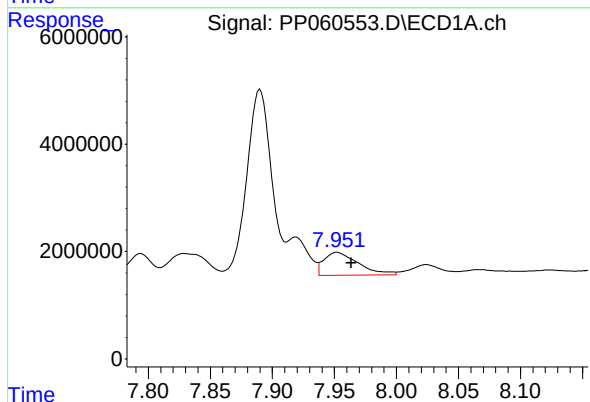
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 6733749
Conc: 34.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



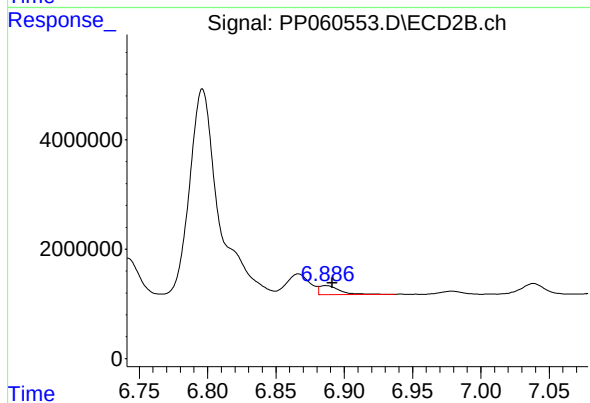
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 6307889
Conc: 29.11 ng/ml



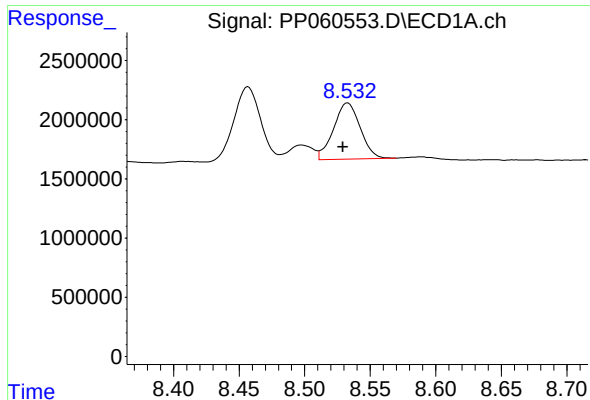
#36 AR-1262-1

R.T.: 7.952 min
Delta R.T.: -0.012 min
Response: 8307137
Conc: 66.60 ng/ml



#36 AR-1262-1

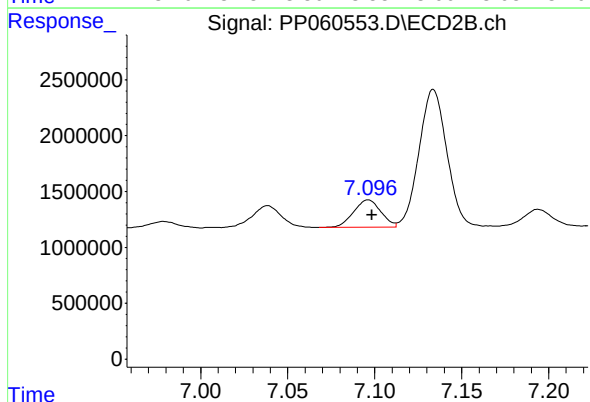
R.T.: 6.887 min
Delta R.T.: -0.005 min
Response: 1670098
Conc: 31.19 ng/ml



#37 AR-1262-2

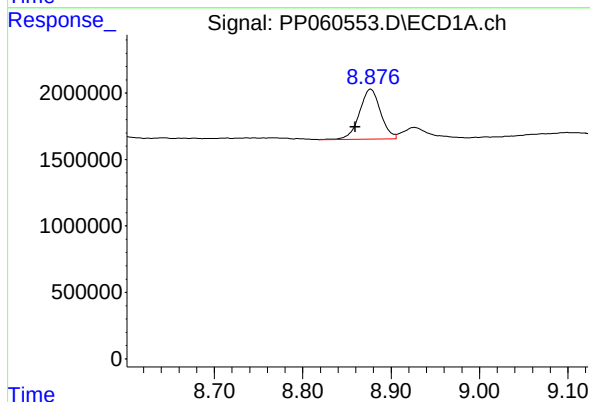
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 6733749
Conc: 32.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



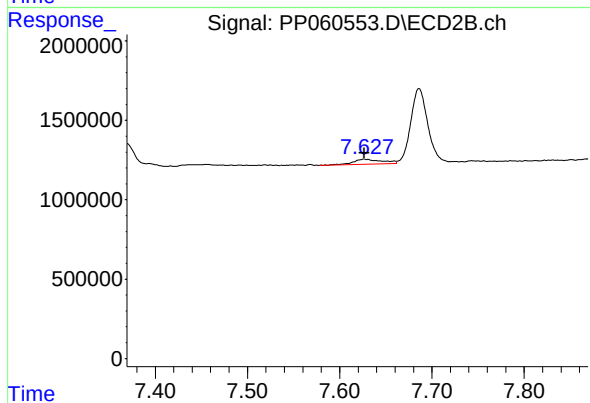
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 2666827
Conc: 22.61 ng/ml



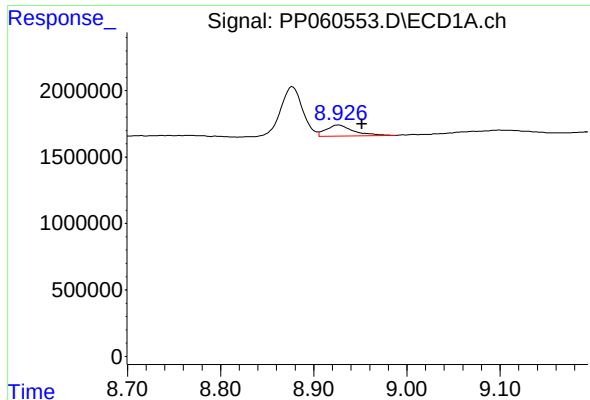
#38 AR-1262-3

R.T.: 8.877 min
Delta R.T.: 0.018 min
Response: 6221099
Conc: 41.11 ng/ml



#38 AR-1262-3

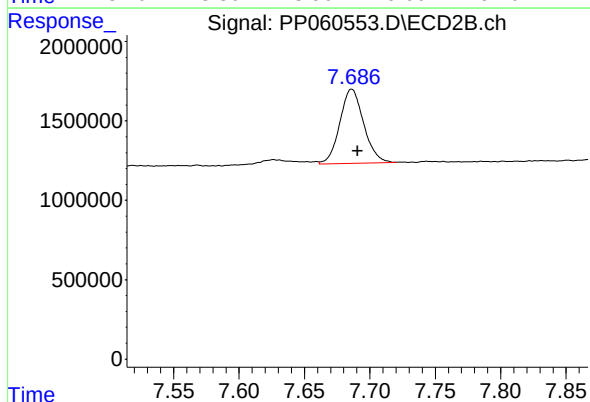
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 705368
Conc: 7.65 ng/ml



#39 AR-1262-4

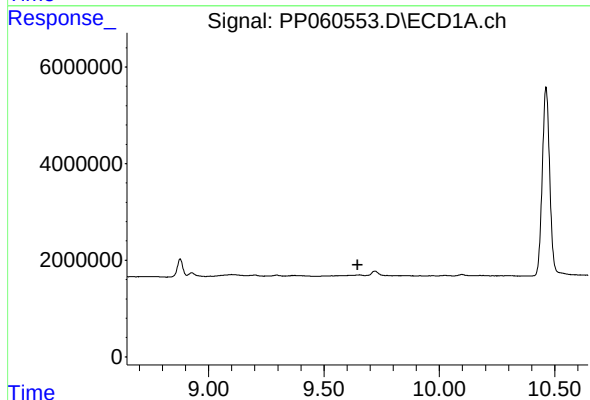
R.T.: 8.927 min
Delta R.T.: -0.025 min
Response: 1718839
Conc: 14.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



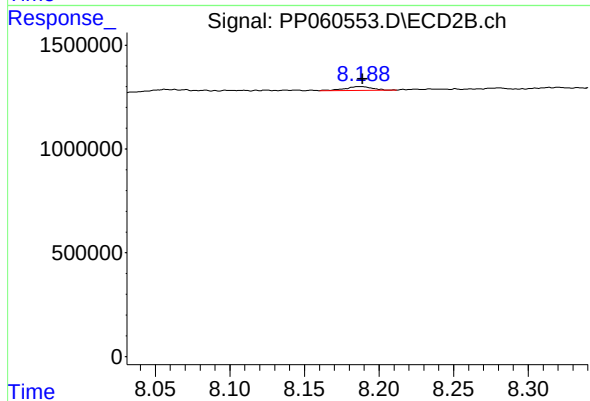
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 5958908
Conc: 35.37 ng/ml



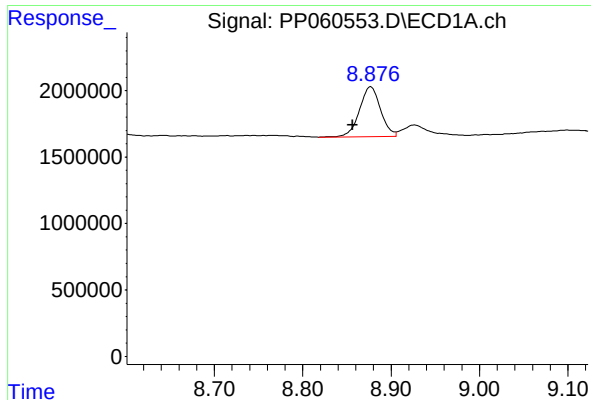
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

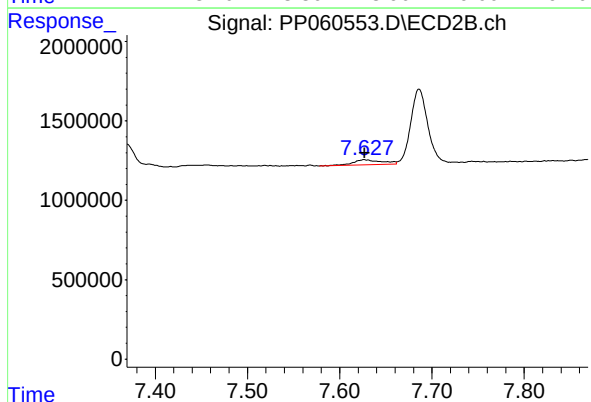
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 238720
Conc: 3.08 ng/ml



#41 AR-1268-1

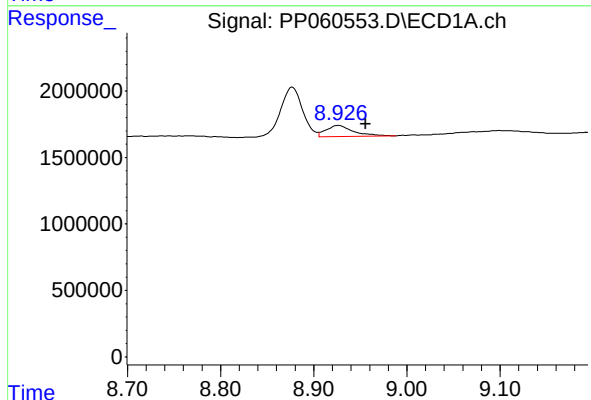
R.T.: 8.877 min
Delta R.T.: 0.021 min
Response: 6221099
Conc: 23.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



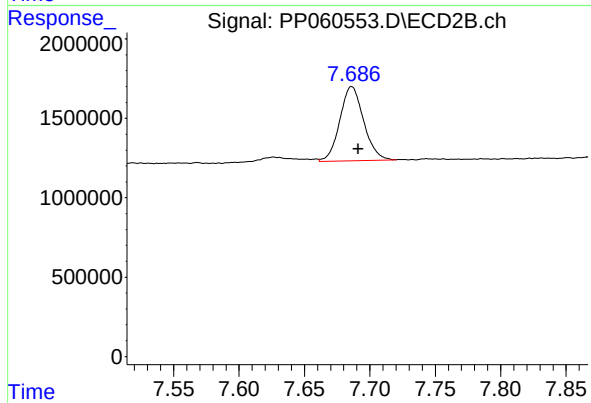
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 705368
Conc: 2.59 ng/ml



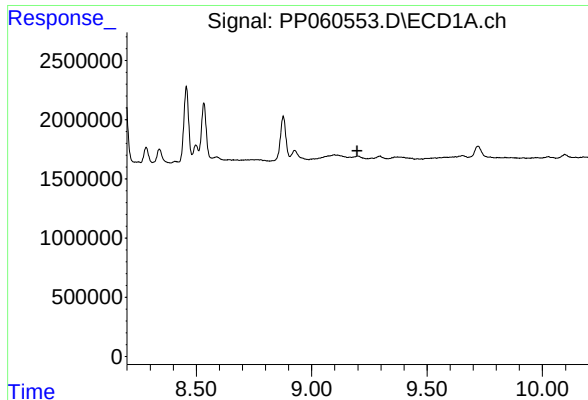
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: -0.029 min
Response: 1718839
Conc: 7.05 ng/ml



#42 AR-1268-2

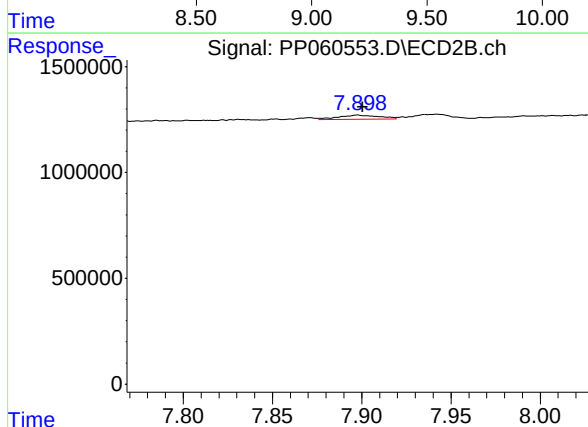
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 5958908
Conc: 24.43 ng/ml



#43 AR-1268-3

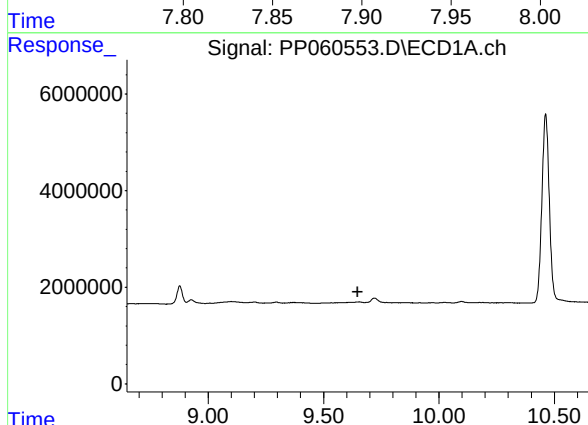
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



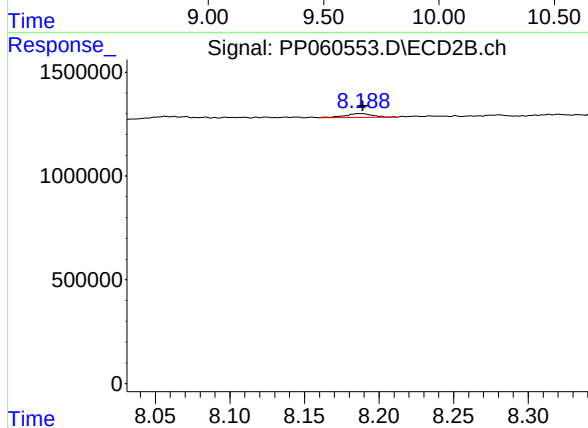
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 323933
Conc: 1.51 ng/ml



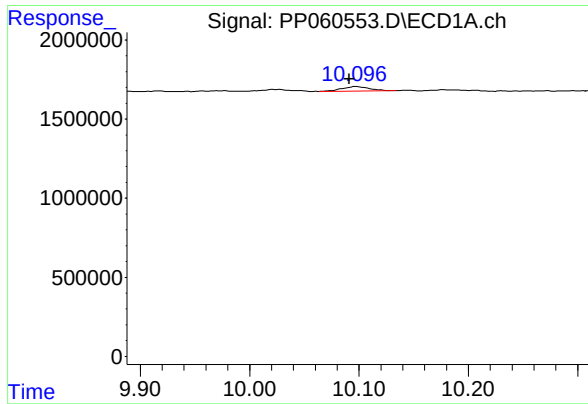
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

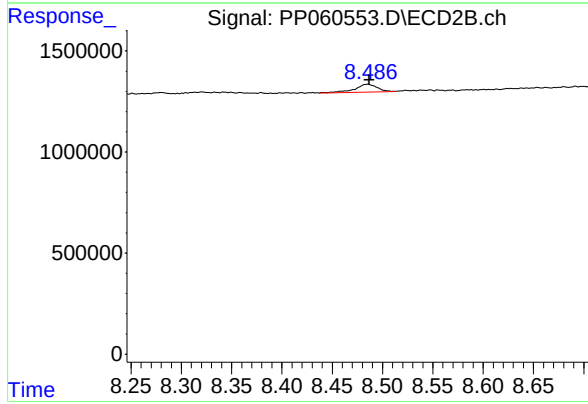
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 238720
Conc: 2.72 ng/ml



#45 AR-1268-5

R.T.: 10.097 min
Delta R.T.: 0.006 min
Response: 523938
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 589339
Conc: 0.94 ng/ml