

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 19:35
 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: Sep 30 00:21:46 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...	4.531	3.684	106.5E6	76103720	47.552	51.128
2) SA Decachlor...	10.457	8.747	85833624	78307568	48.616	48.006
Target Compounds						
3) L1 AR-1016-1	5.718	4.781	1126605	898580	15.306	15.464
4) L1 AR-1016-2	5.744	4.801	1342021	680264	12.814	8.450 #
5) L1 AR-1016-3	5.805	4.980	574992	502422	8.798	11.242 #
6) L1 AR-1016-4	5.903	5.021	621250	18286297	11.424	508.183 #
7) L1 AR-1016-5	6.203	5.236	13974036	11512683	251.229	236.936
8) L2 AR-1221-1	0.000	3.899	0	50238	N.D.	2.405 #
9) L2 AR-1221-2	4.843	3.987	1891361	1231035	88.526	82.559
10) L2 AR-1221-3	4.906	4.065	381127	254993	6.276	5.805
11) L3 AR-1232-1	4.906f	4.065	381127	254993	7.571	7.007
12) L3 AR-1232-2	5.447f	4.801	493484	680264	18.022	18.654
13) L3 AR-1232-3	5.744f	4.980	1342021	502422	28.912	25.102
14) L3 AR-1232-4	5.903f	5.062	621250	5752313	25.275	308.200 #
15) L3 AR-1232-5	5.996f	5.236	23126181	11512683	1116.039	553.511 #
16) L4 AR-1242-1	5.718	4.781	1126605	898580	17.629	17.749
17) L4 AR-1242-2	5.744	4.801	1342021	680264	14.821	9.796 #
18) L4 AR-1242-3	5.805	4.980	574992	502422	10.213	13.046 #
19) L4 AR-1242-4	5.903	5.062	621250	5752313	13.301	146.061 #
20) L4 AR-1242-5	6.655	5.592	12764388	44596320	253.786	911.670 #
21) L5 AR-1248-1	5.718	4.781	1126605	898580	24.215	24.623
22) L5 AR-1248-2	5.996	5.021	23126181	18286297	333.542	349.830
23) L5 AR-1248-3	6.203	5.062	13974036	5752313	183.991	103.600 #
24) L5 AR-1248-4	6.611	5.236	18990424	11512683	229.614	174.893
25) L5 AR-1248-5	6.655	5.632	12764388	5427765	158.597	84.384 #
26) L6 AR-1254-1	6.586	5.592	38748052	44596320	454.042	450.838
27) L6 AR-1254-2	6.807	5.740	57443894	38761698	450.094	451.017
28) L6 AR-1254-3	7.176	6.147	61994882	64705214	466.420	451.453
29) L6 AR-1254-4	7.464	6.376	57219489	39448791	581.859	452.586
30) L6 AR-1254-5	7.888	6.797	49110754	58333186	453.289	460.331
31) L7 AR-1260-1	7.343	6.278	27071446	31862297	258.254	317.432
32) L7 AR-1260-2	7.601	6.466	29382449	25149768	243.019	210.803
33) L7 AR-1260-3	7.949	6.621	8400949	26512381	90.635	231.560 #
34) L7 AR-1260-4	8.183	7.097	22555228	2944779	212.683	30.938 #
35) L7 AR-1260-5	8.529	7.338	7409799	6867749	38.289	31.690
36) L8 AR-1262-1	7.949	6.889	8400949	1740422	67.350	32.502 #
37) L8 AR-1262-2	8.529	7.097	7409799	2944779	35.372	24.966 #
38) L8 AR-1262-3	8.874f	7.624	6474352	263117	42.781	2.853 #
39) L8 AR-1262-4	8.924f	7.686	1524085	6793852	12.735	40.329 #
40) L8 AR-1262-5	0.000	8.186	0	223592	N.D.	2.886 #
41) L9 AR-1268-1	8.874f	7.624	6474352	263117	24.404	0.968 #

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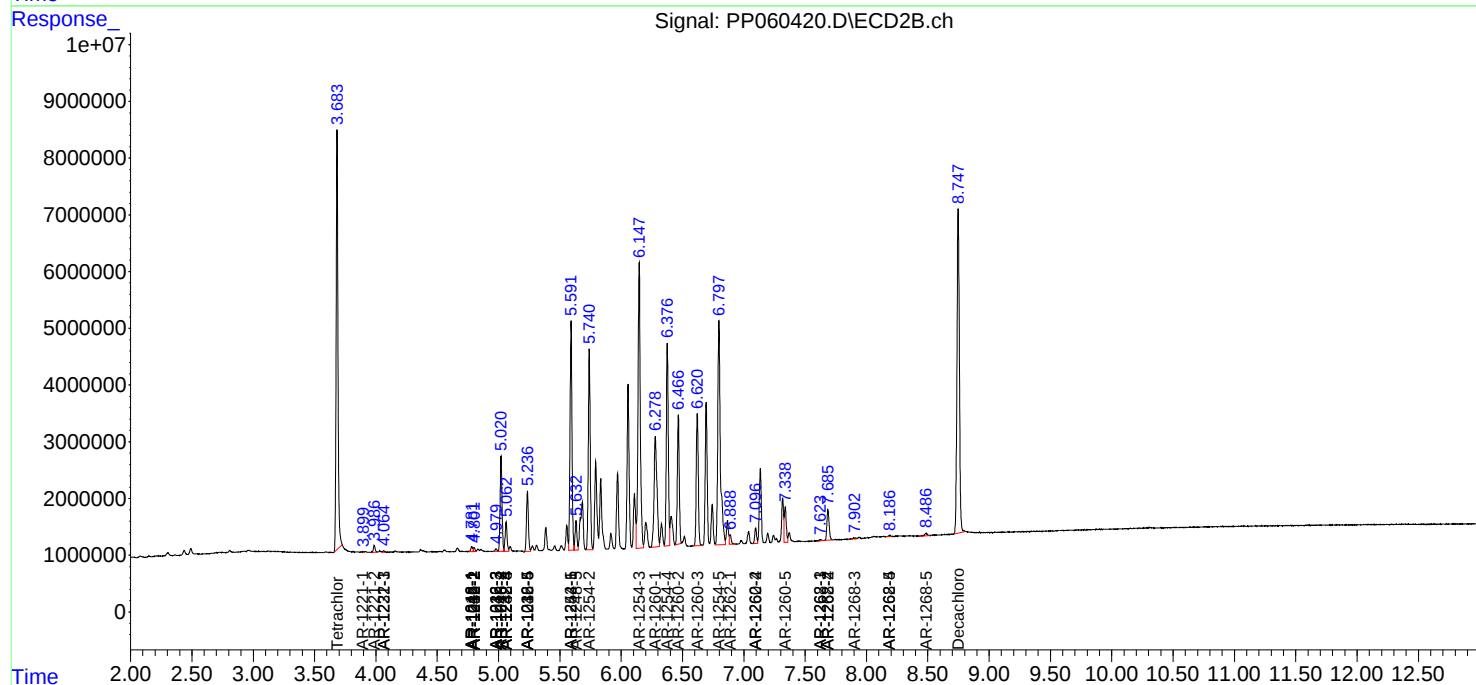
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

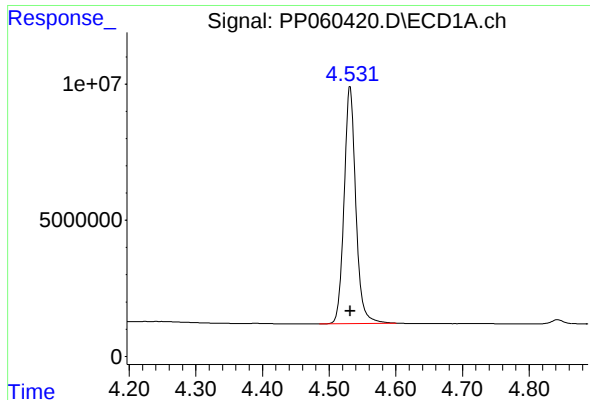
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.686	0	6793852	N.D.	27.858 #
43) L9	AR-1268-3	0.000	7.902	0	305275	N.D.	1.427 #
44) L9	AR-1268-4	0.000	8.186	0	223592	N.D.	2.548 #
45) L9	AR-1268-5	10.091	8.486	669164	689717	1.057	1.104

(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

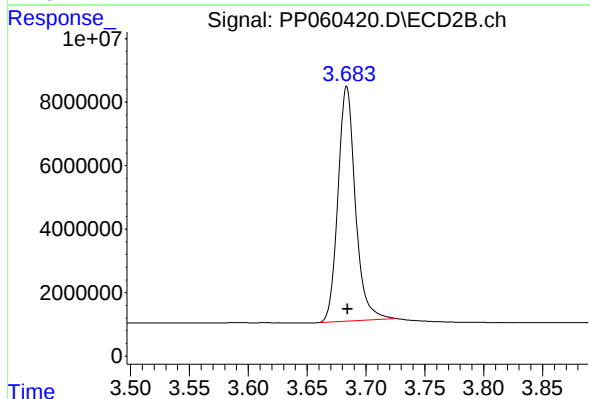




#1 Tetrachloro-m-xylene

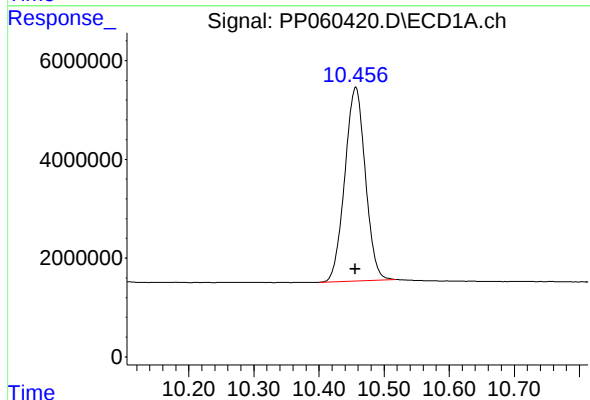
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 106492654
Conc: 47.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



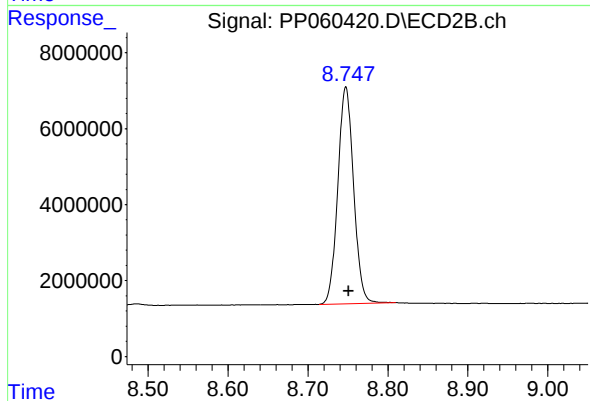
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 76103720
Conc: 51.13 ng/ml



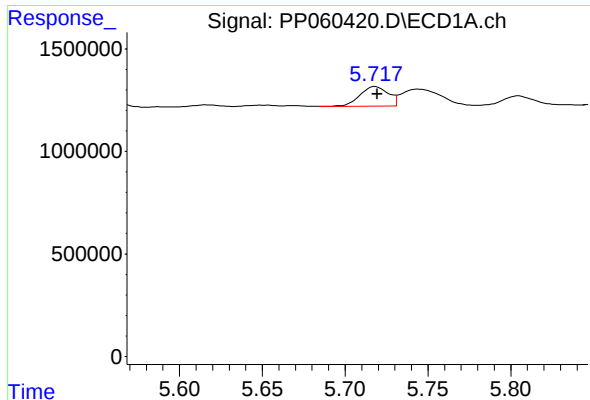
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.001 min
Response: 85833624
Conc: 48.62 ng/ml



#2 Decachlorobiphenyl

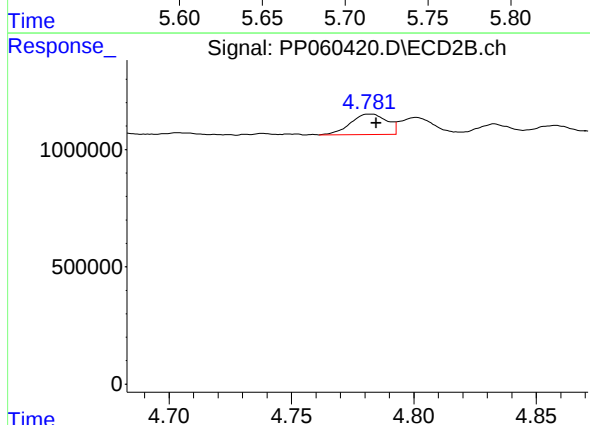
R.T.: 8.747 min
Delta R.T.: -0.003 min
Response: 78307568
Conc: 48.01 ng/ml



#3 AR-1016-1

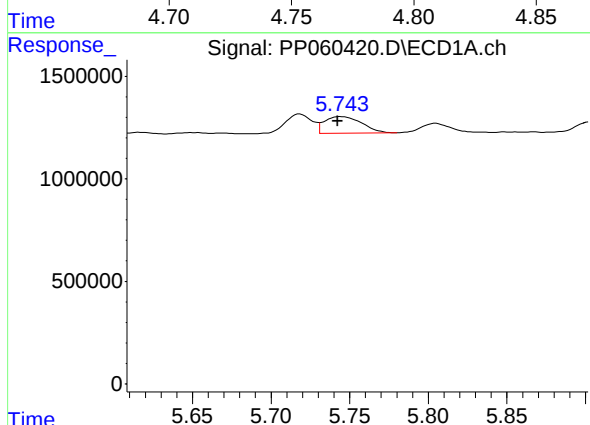
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1126605
Conc: 15.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



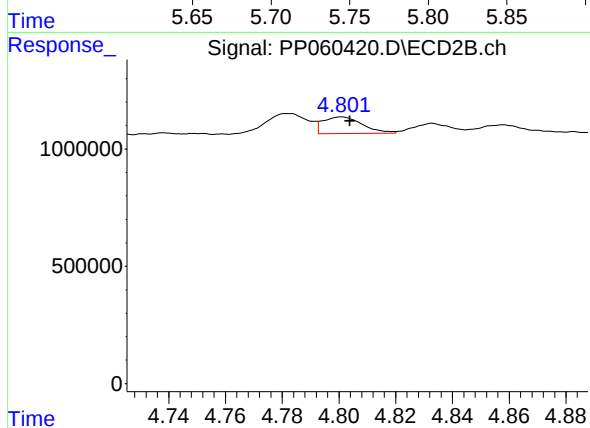
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 898580
Conc: 15.46 ng/ml



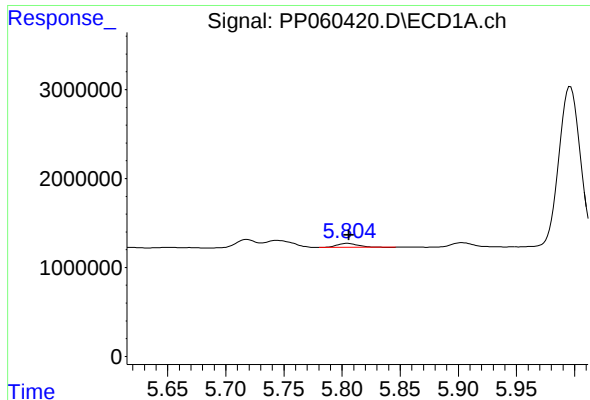
#4 AR-1016-2

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1342021
Conc: 12.81 ng/ml



#4 AR-1016-2

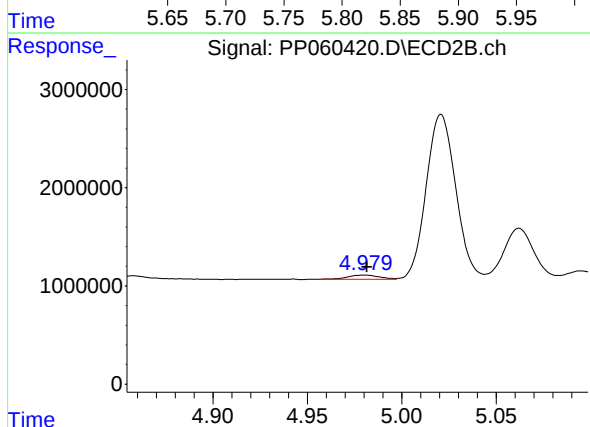
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 680264
Conc: 8.45 ng/ml



#5 AR-1016-3

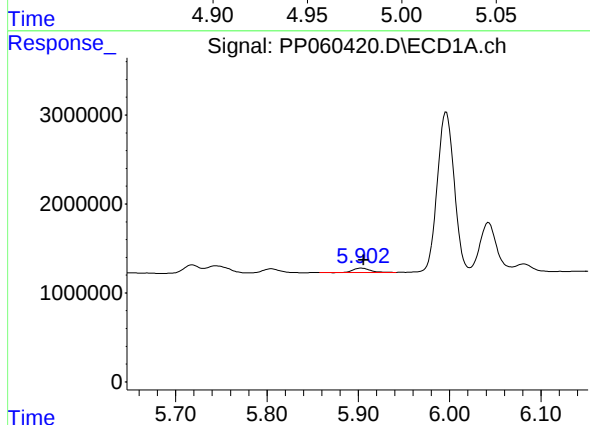
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 574992
Conc: 8.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



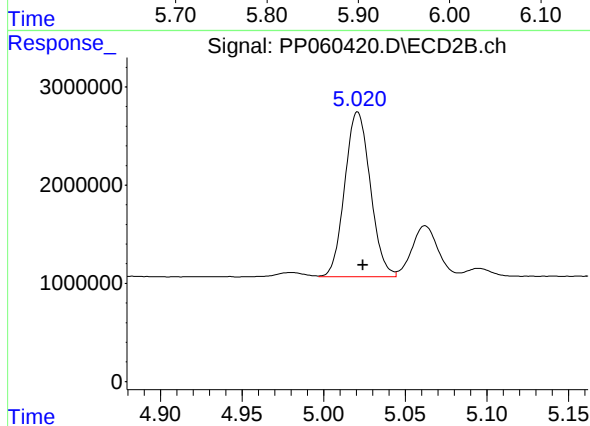
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 502422
Conc: 11.24 ng/ml



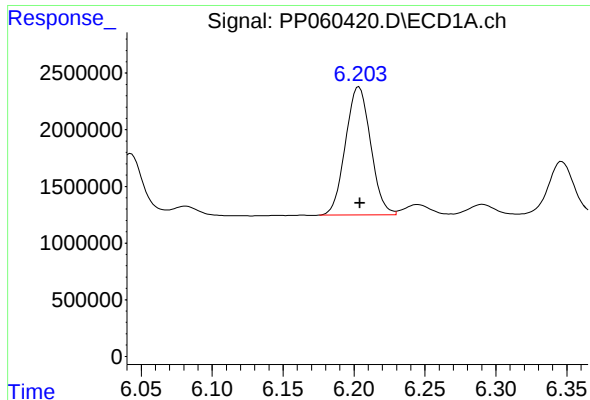
#6 AR-1016-4

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 621250
Conc: 11.42 ng/ml



#6 AR-1016-4

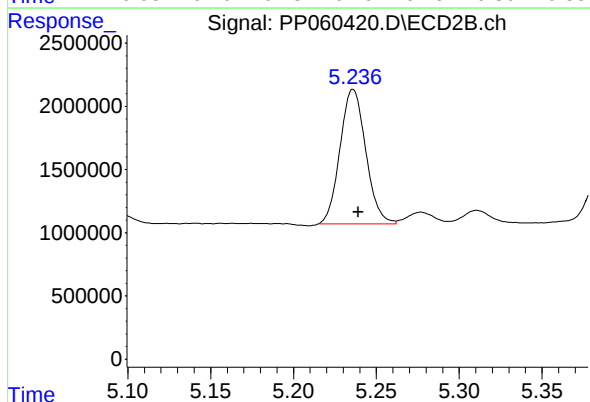
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 18286297
Conc: 508.18 ng/ml



#7 AR-1016-5

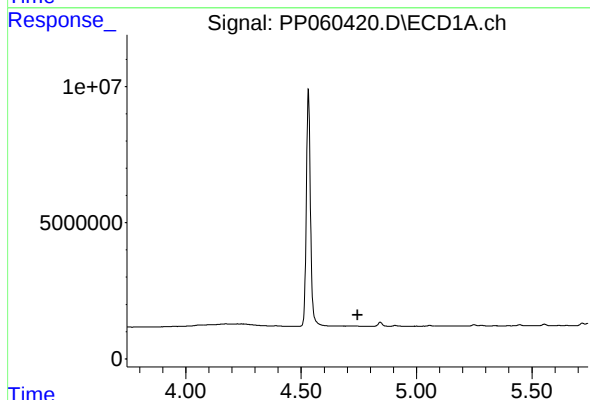
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 13974036
Conc: 251.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



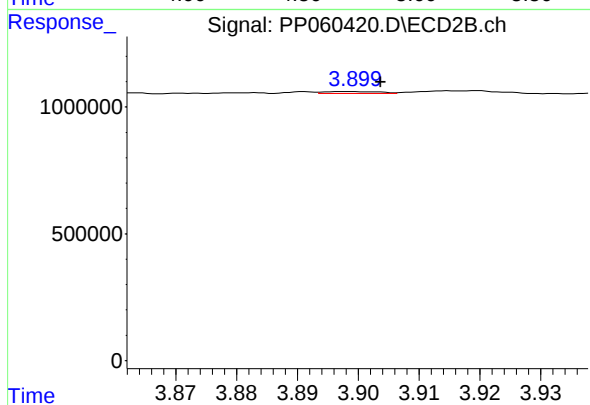
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 11512683
Conc: 236.94 ng/ml



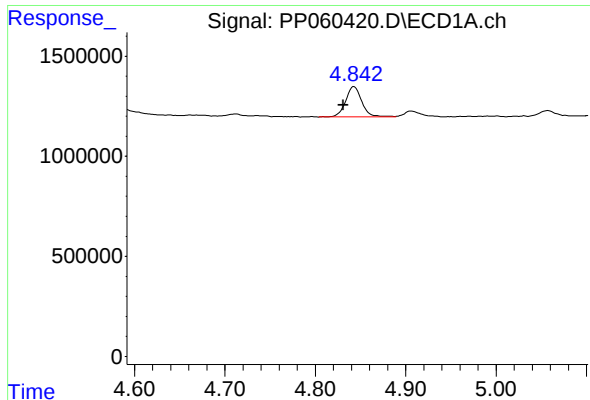
#8 AR-1221-1

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



#8 AR-1221-1

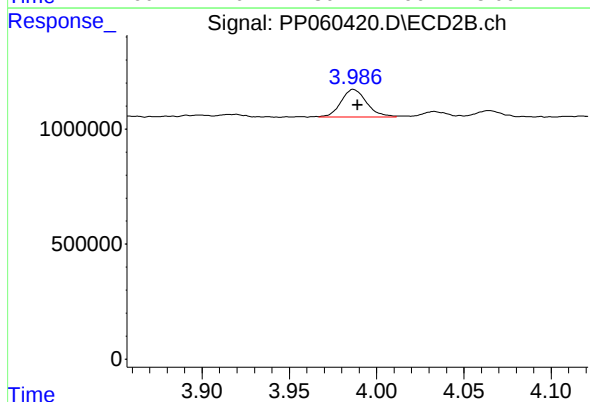
R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 50238
Conc: 2.40 ng/ml



#9 AR-1221-2

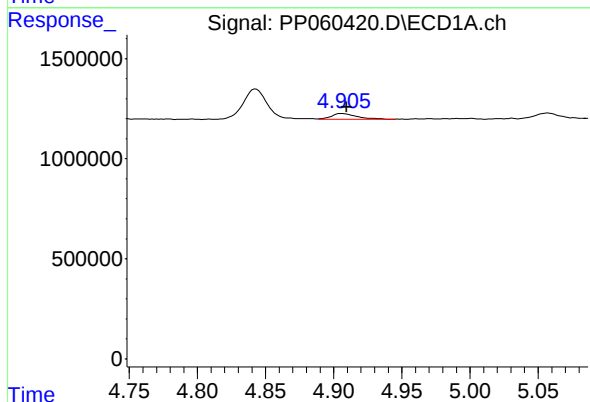
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1891361
Conc: 88.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



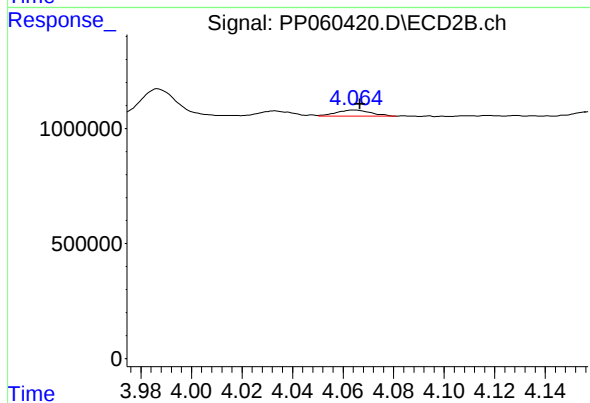
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 1231035
Conc: 82.56 ng/ml



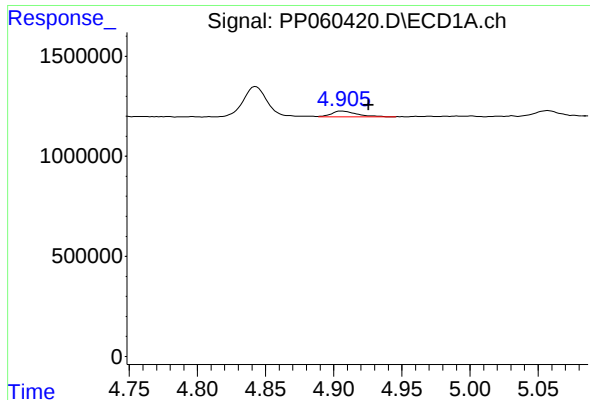
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: -0.003 min
Response: 381127
Conc: 6.28 ng/ml



#10 AR-1221-3

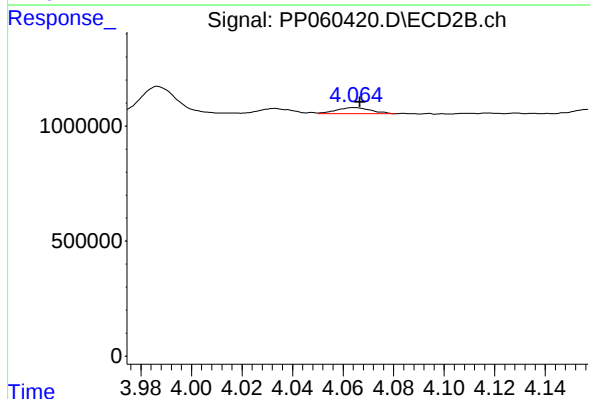
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 254993
Conc: 5.80 ng/ml



#11 AR-1232-1

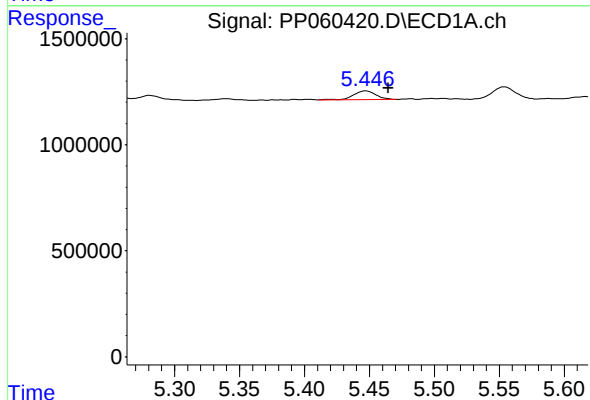
R.T.: 4.906 min
Delta R.T.: -0.020 min
Response: 381127
Conc: 7.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



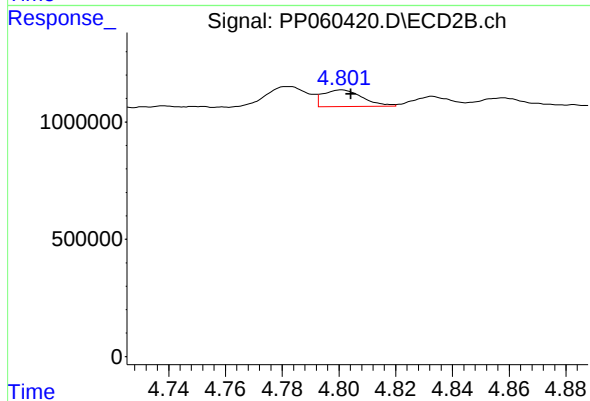
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 254993
Conc: 7.01 ng/ml



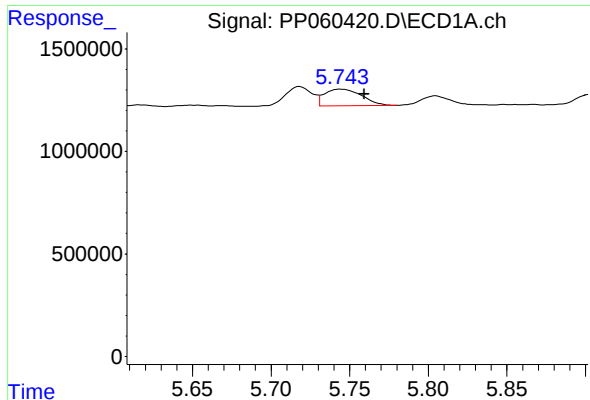
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 493484
Conc: 18.02 ng/ml



#12 AR-1232-2

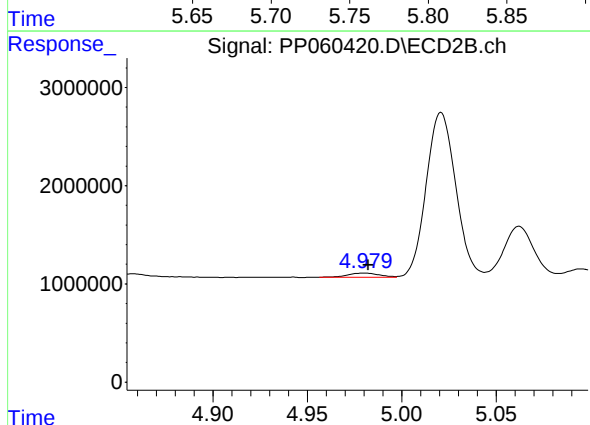
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 680264
Conc: 18.65 ng/ml



#13 AR-1232-3

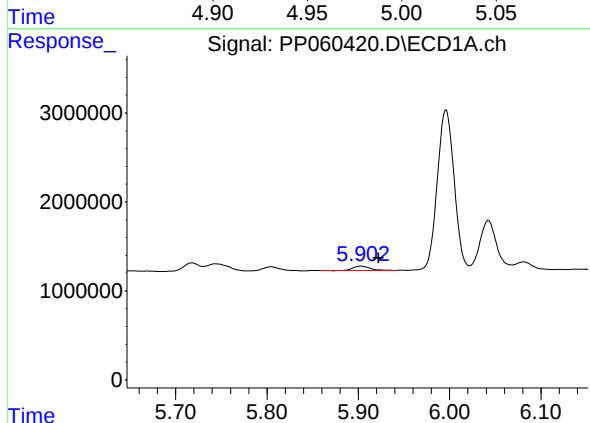
R.T.: 5.744 min
Delta R.T.: -0.015 min
Response: 1342021
Conc: 28.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



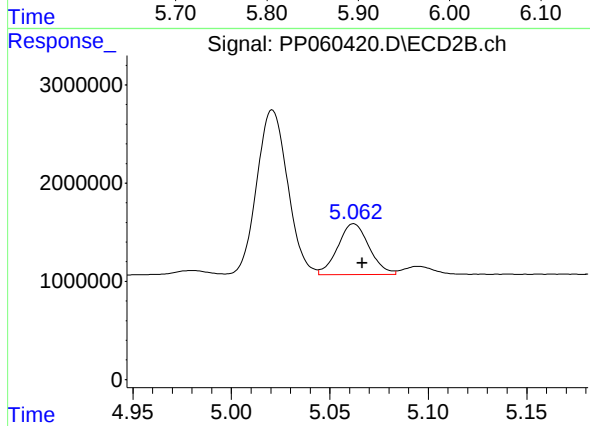
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 502422
Conc: 25.10 ng/ml



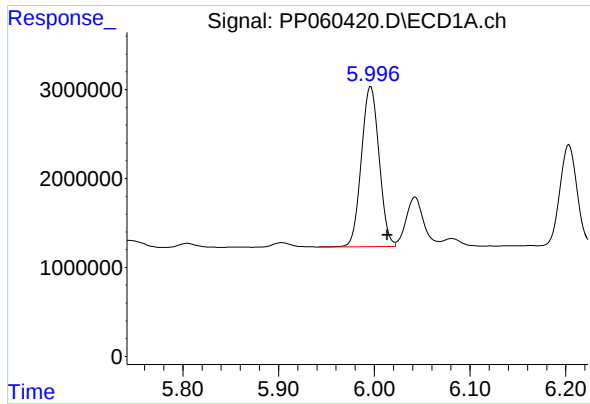
#14 AR-1232-4

R.T.: 5.903 min
Delta R.T.: -0.019 min
Response: 621250
Conc: 25.28 ng/ml



#14 AR-1232-4

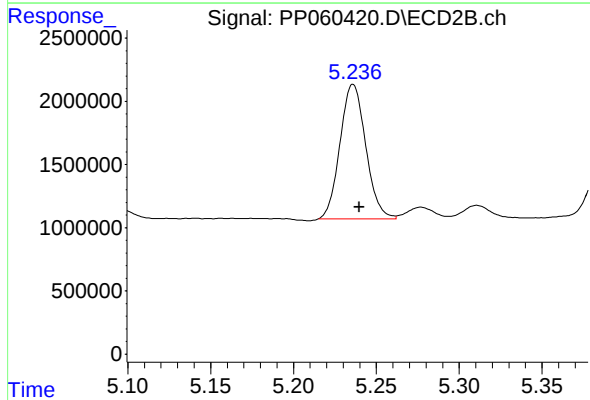
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 5752313
Conc: 308.20 ng/ml



#15 AR-1232-5

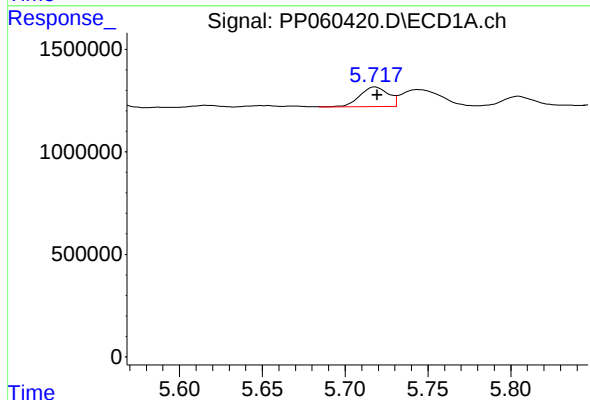
R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 23126181
Conc: 1116.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



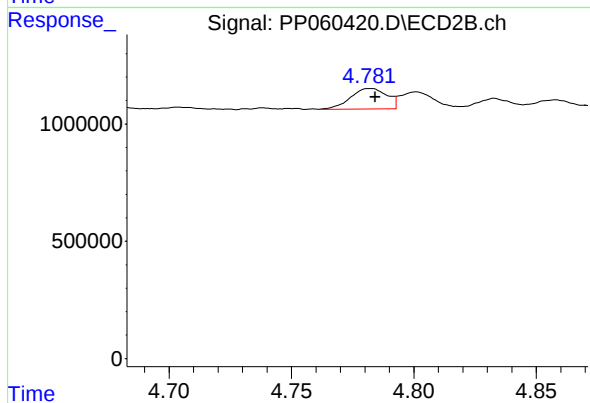
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 11512683
Conc: 553.51 ng/ml



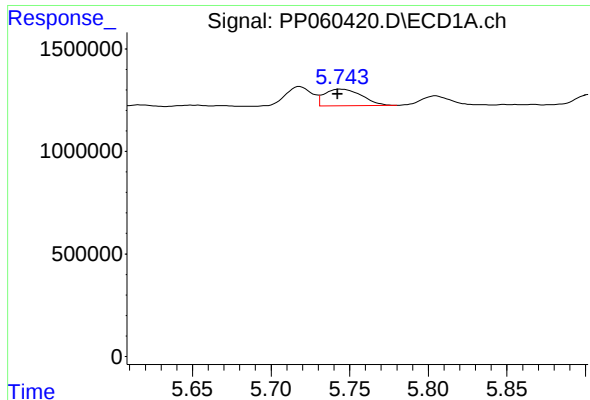
#16 AR-1242-1

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1126605
Conc: 17.63 ng/ml



#16 AR-1242-1

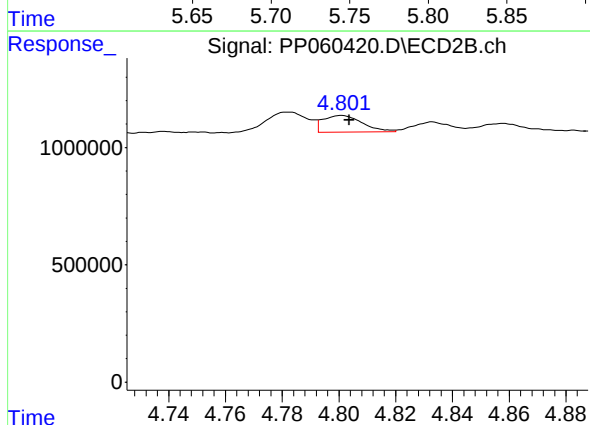
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 898580
Conc: 17.75 ng/ml



#17 AR-1242-2

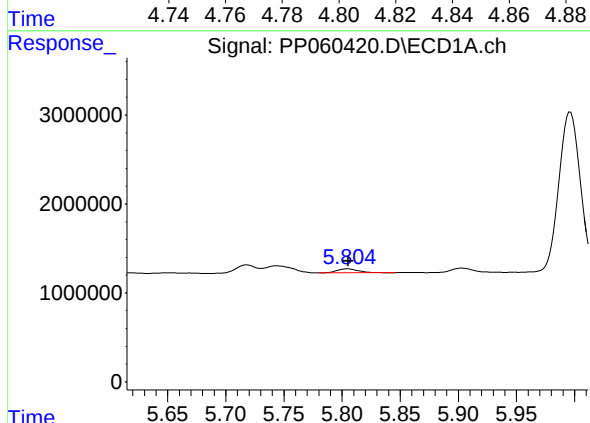
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1342021
Conc: 14.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



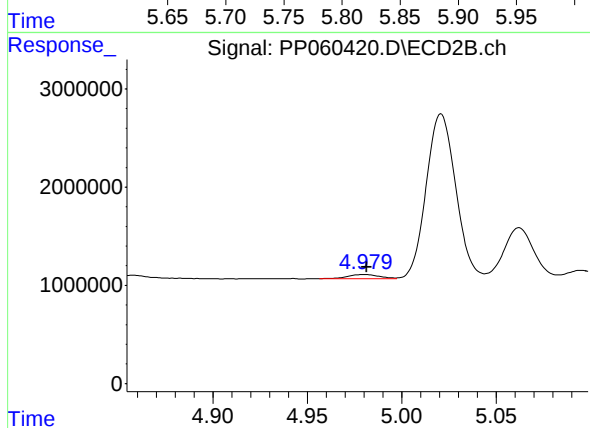
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 680264
Conc: 9.80 ng/ml



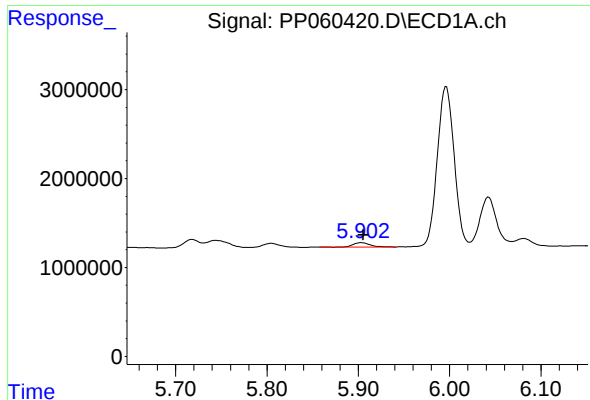
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 574992
Conc: 10.21 ng/ml



#18 AR-1242-3

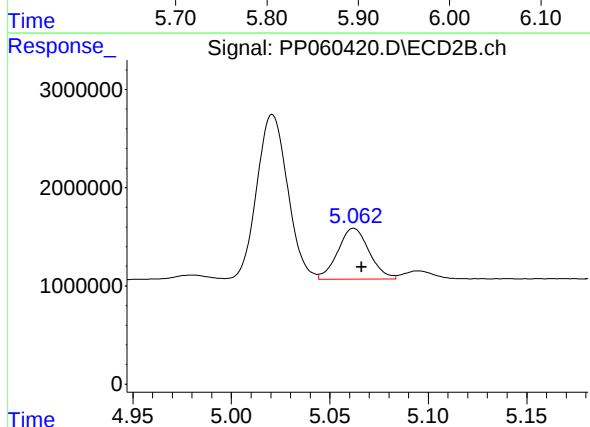
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 502422
Conc: 13.05 ng/ml



#19 AR-1242-4

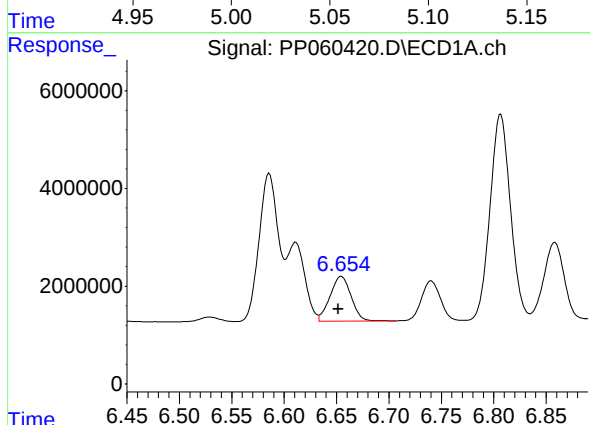
R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 621250
Conc: 13.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



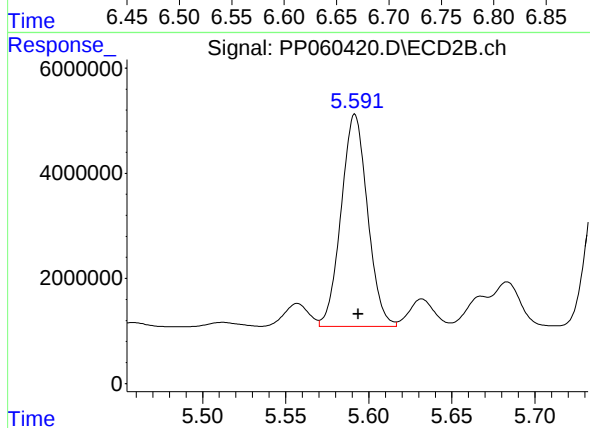
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 5752313
Conc: 146.06 ng/ml



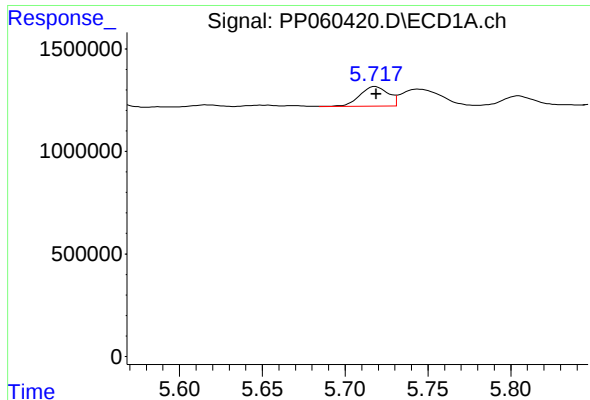
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 12764388
Conc: 253.79 ng/ml



#20 AR-1242-5

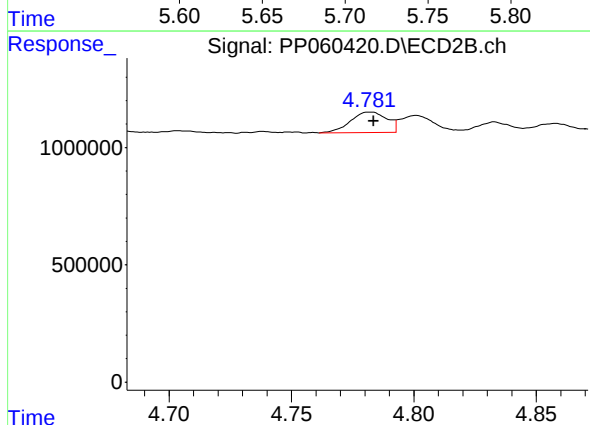
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 44596320
Conc: 911.67 ng/ml



#21 AR-1248-1

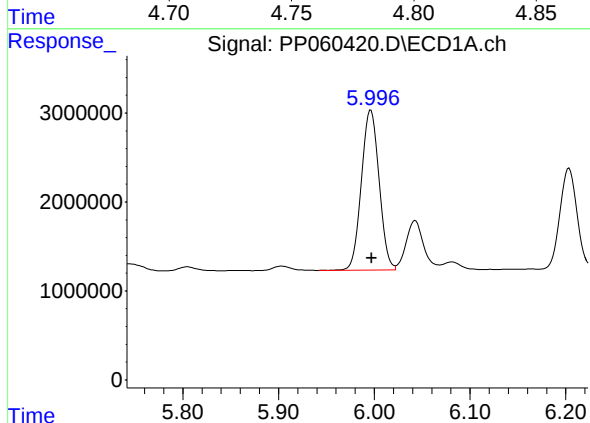
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 1126605
Conc: 24.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



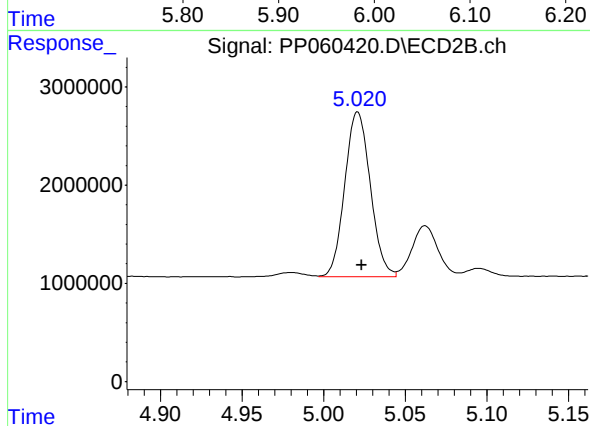
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 898580
Conc: 24.62 ng/ml



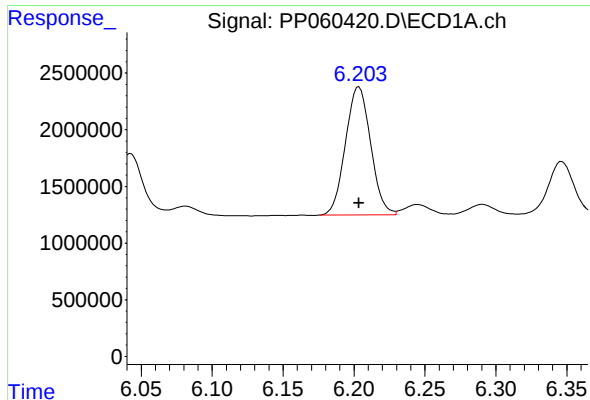
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 23126181
Conc: 333.54 ng/ml



#22 AR-1248-2

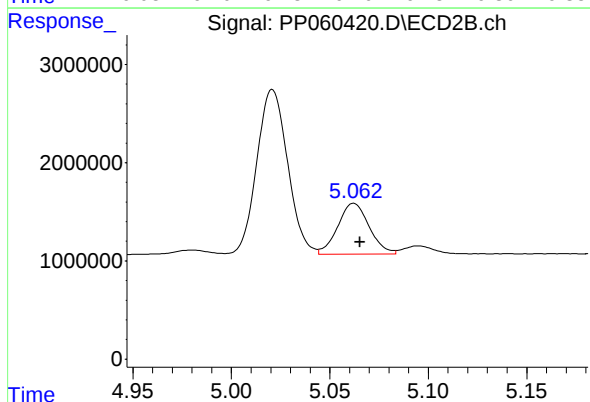
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 18286297
Conc: 349.83 ng/ml



#23 AR-1248-3

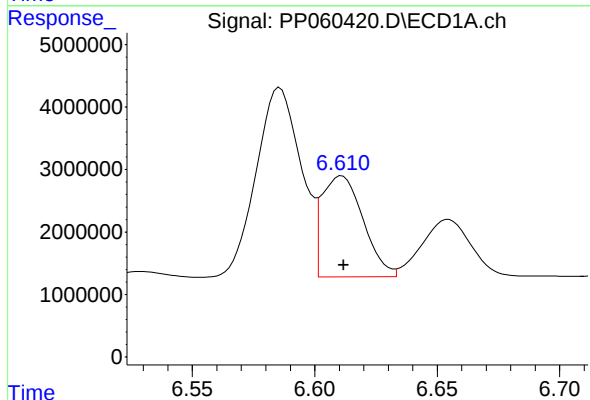
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 13974036
Conc: 183.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



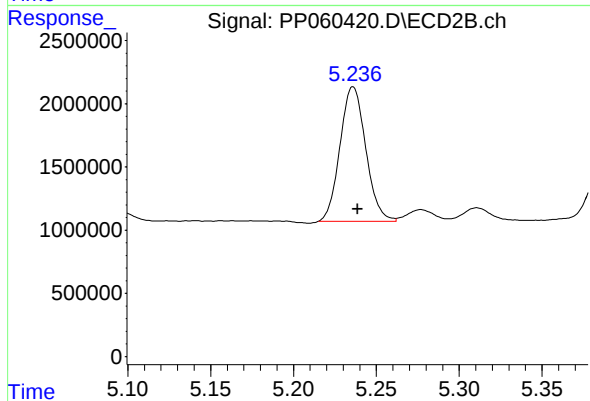
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 5752313
Conc: 103.60 ng/ml



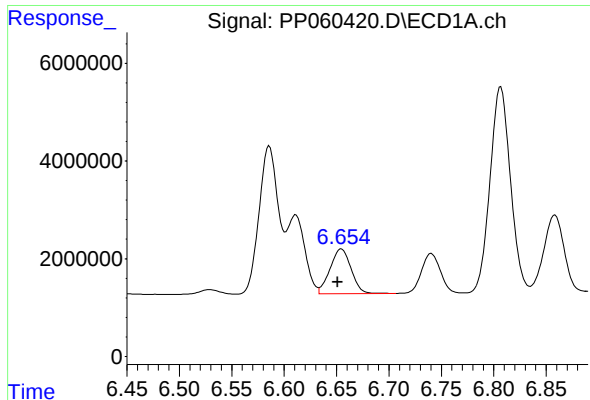
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 18990424
Conc: 229.61 ng/ml



#24 AR-1248-4

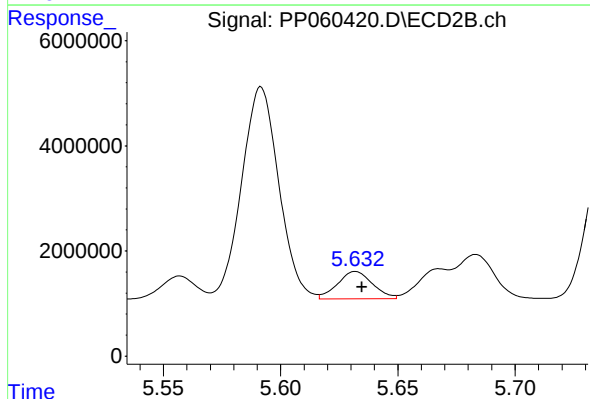
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 11512683
Conc: 174.89 ng/ml



#25 AR-1248-5

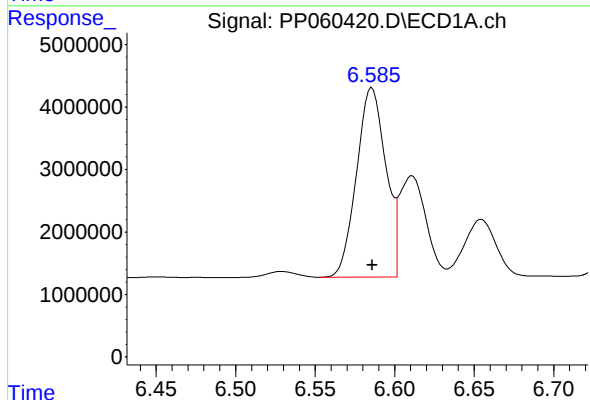
R.T.: 6.655 min
Delta R.T.: 0.004 min
Response: 12764388
Conc: 158.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



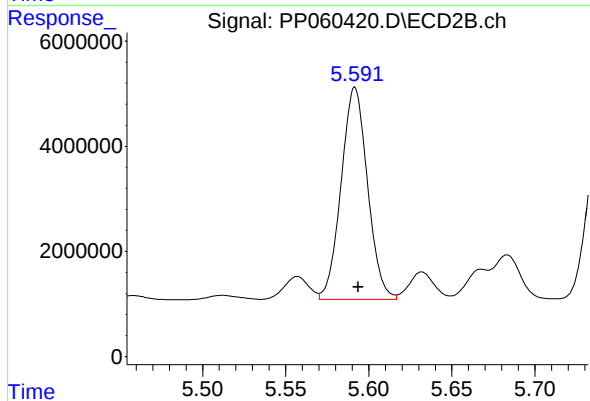
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 5427765
Conc: 84.38 ng/ml



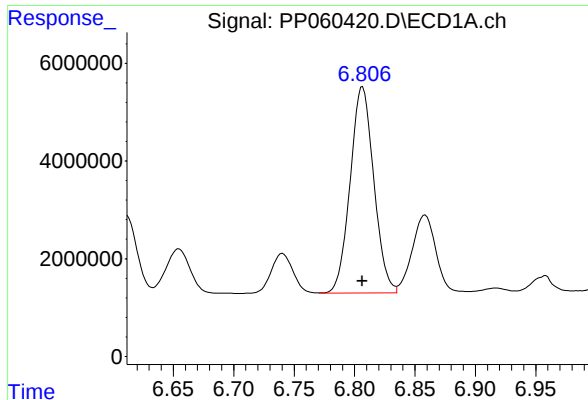
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 38748052
Conc: 454.04 ng/ml



#26 AR-1254-1

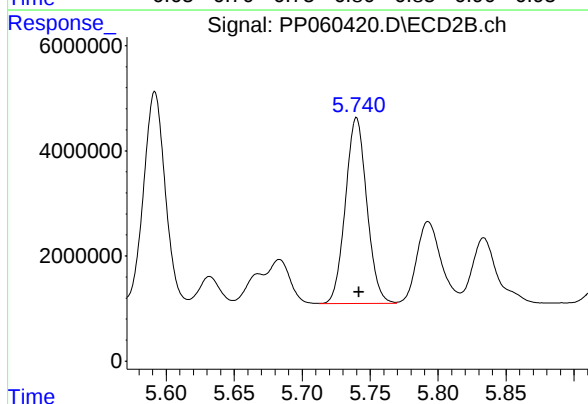
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 44596320
Conc: 450.84 ng/ml



#27 AR-1254-2

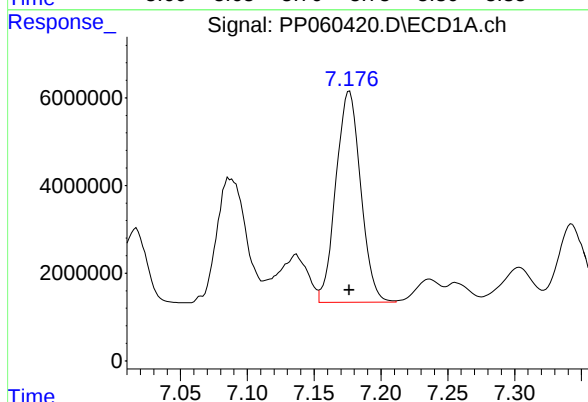
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 57443894
Conc: 450.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



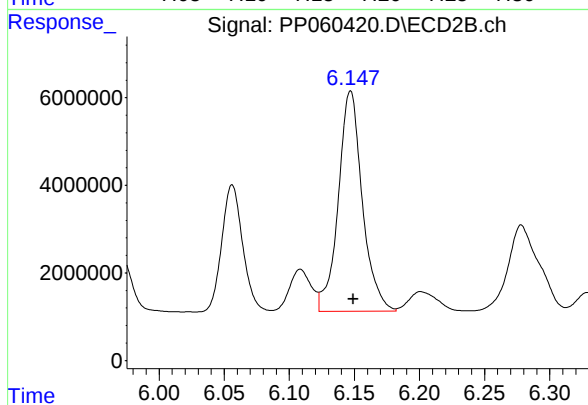
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 38761698
Conc: 451.02 ng/ml



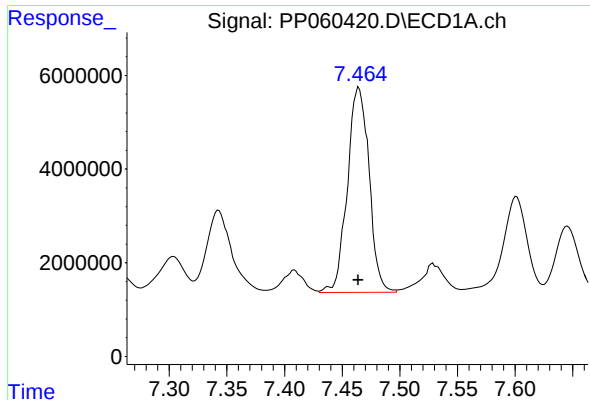
#28 AR-1254-3

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 61994882
Conc: 466.42 ng/ml



#28 AR-1254-3

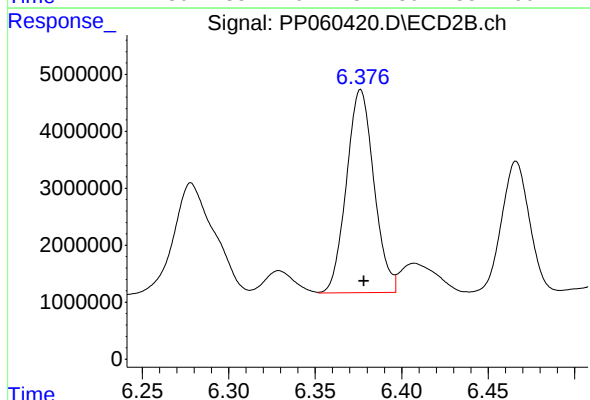
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 64705214
Conc: 451.45 ng/ml



#29 AR-1254-4

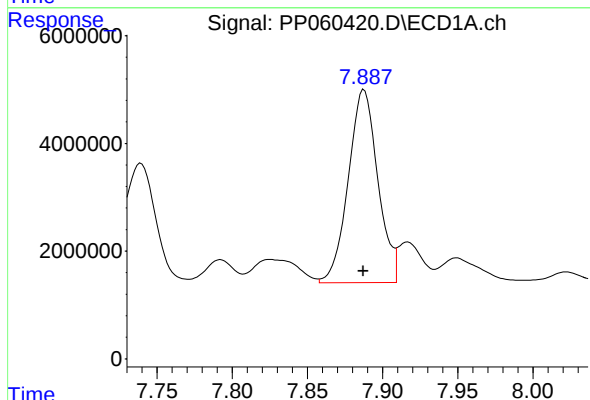
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 57219489
Conc: 581.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



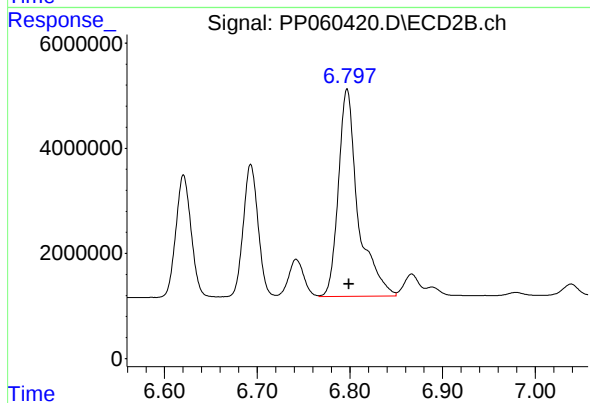
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 39448791
Conc: 452.59 ng/ml



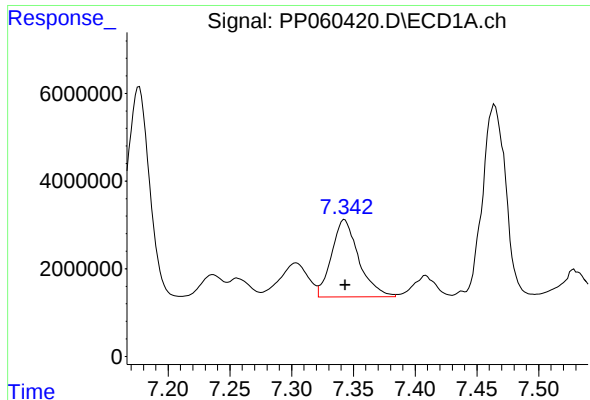
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 49110754
Conc: 453.29 ng/ml



#30 AR-1254-5

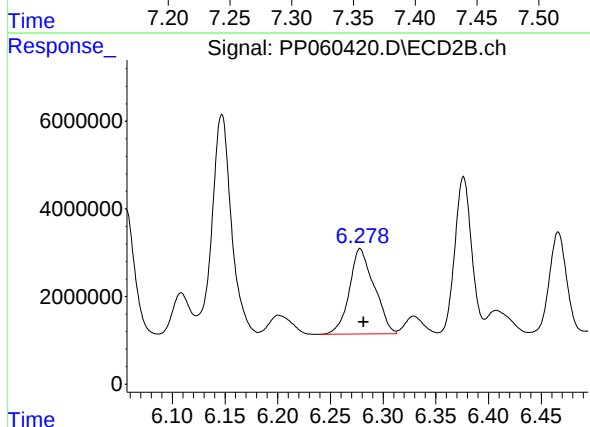
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 58333186
Conc: 460.33 ng/ml



#31 AR-1260-1

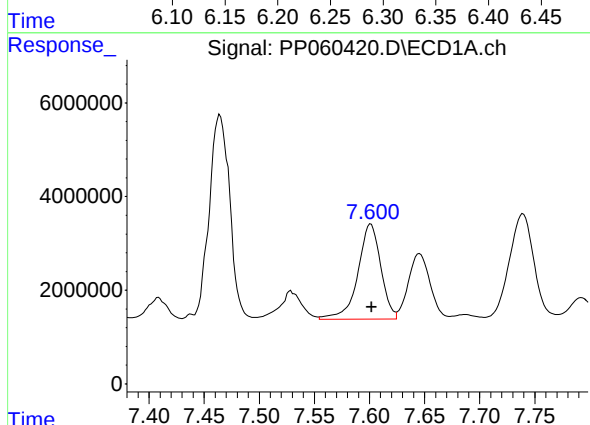
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 27071446
Conc: 258.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



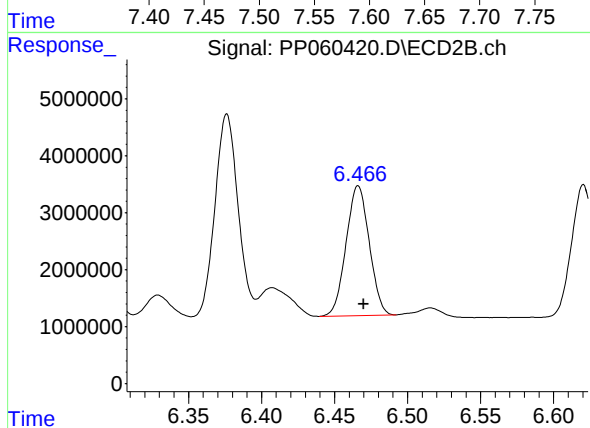
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 31862297
Conc: 317.43 ng/ml



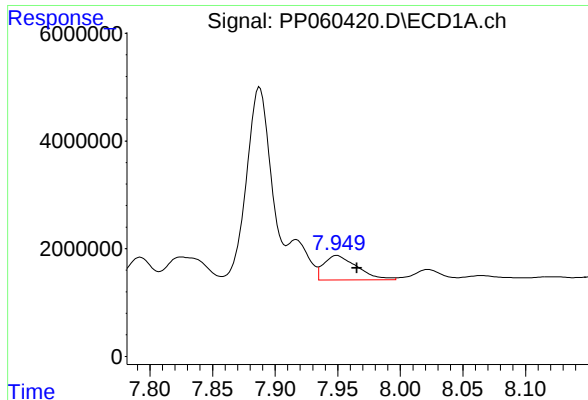
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 29382449
Conc: 243.02 ng/ml



#32 AR-1260-2

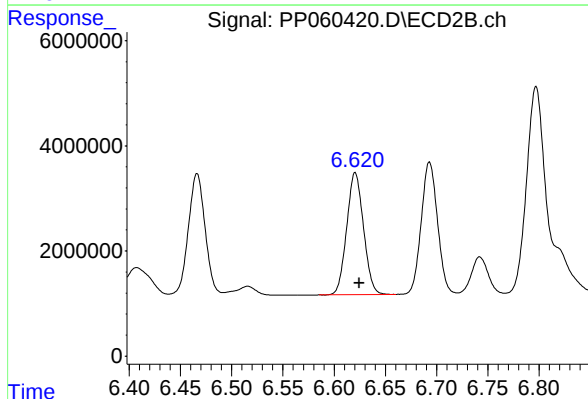
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 25149768
Conc: 210.80 ng/ml



#33 AR-1260-3

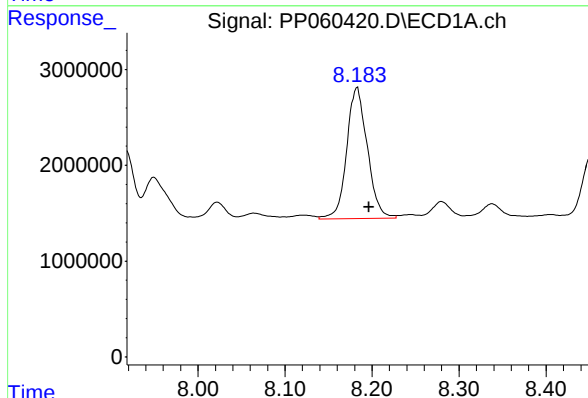
R.T.: 7.949 min
Delta R.T.: -0.016 min
Response: 8400949
Conc: 90.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



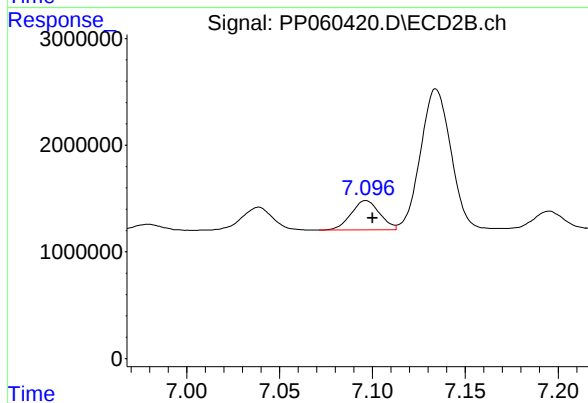
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 26512381
Conc: 231.56 ng/ml



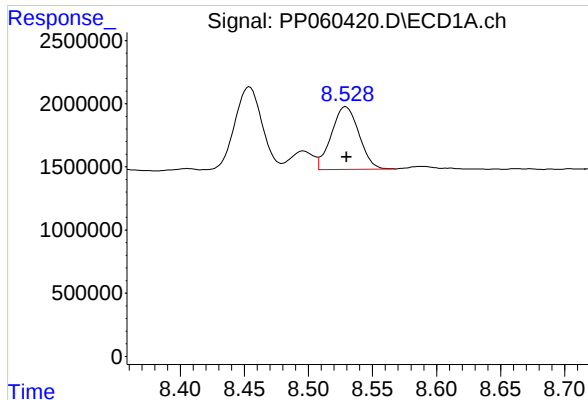
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 22555228
Conc: 212.68 ng/ml



#34 AR-1260-4

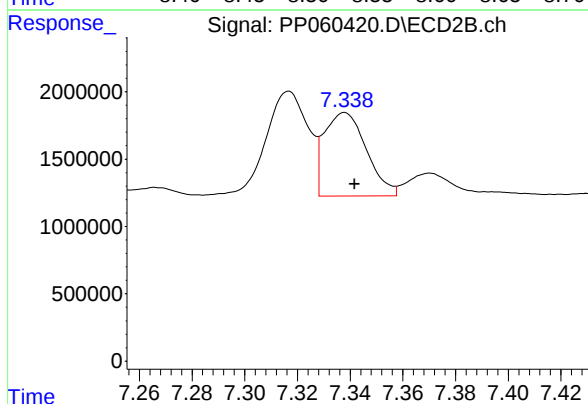
R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 2944779
Conc: 30.94 ng/ml



#35 AR-1260-5

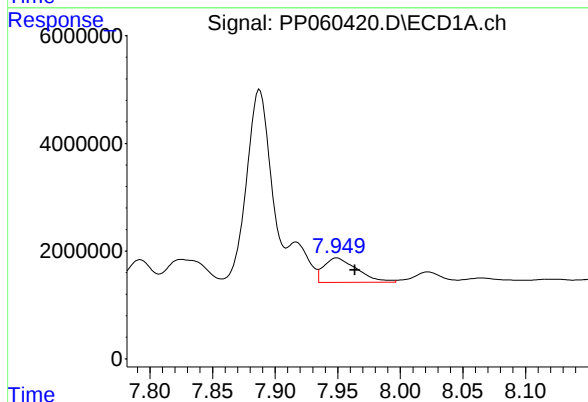
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 7409799
Conc: 38.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



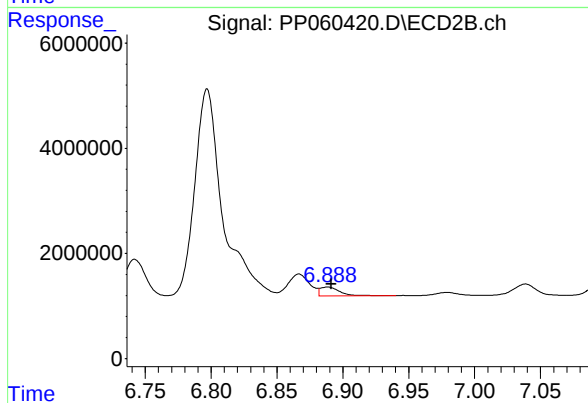
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 6867749
Conc: 31.69 ng/ml



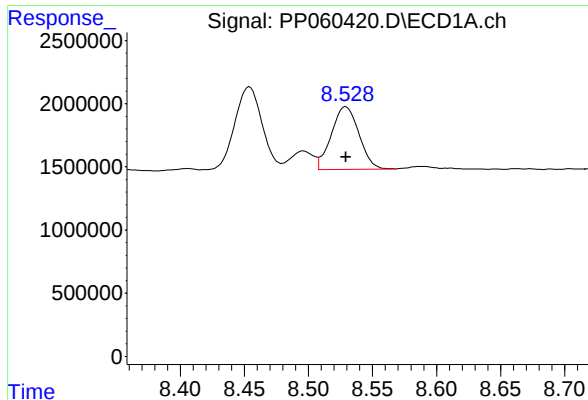
#36 AR-1262-1

R.T.: 7.949 min
Delta R.T.: -0.014 min
Response: 8400949
Conc: 67.35 ng/ml



#36 AR-1262-1

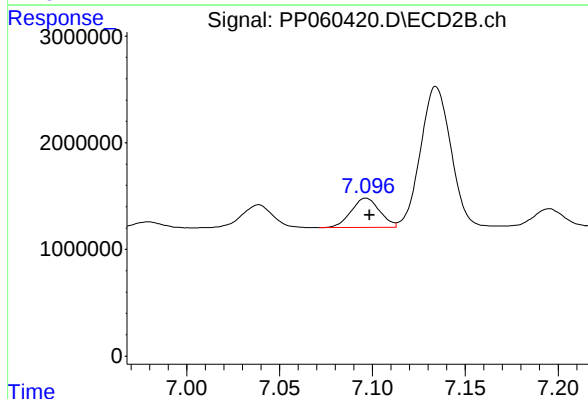
R.T.: 6.889 min
Delta R.T.: -0.003 min
Response: 1740422
Conc: 32.50 ng/ml



#37 AR-1262-2

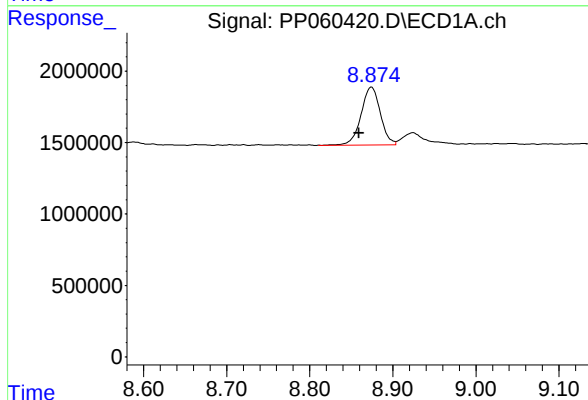
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 7409799
Conc: 35.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



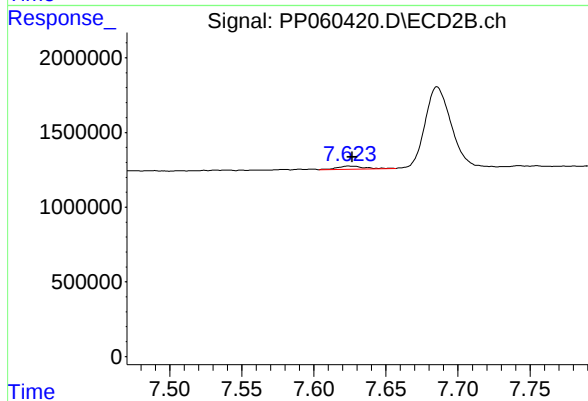
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2944779
Conc: 24.97 ng/ml



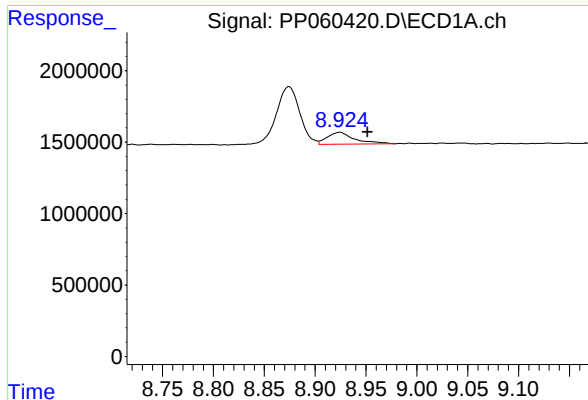
#38 AR-1262-3

R.T.: 8.874 min
Delta R.T.: 0.015 min
Response: 6474352
Conc: 42.78 ng/ml



#38 AR-1262-3

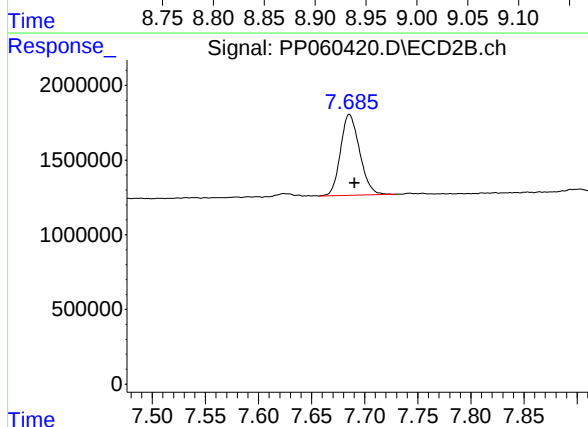
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 263117
Conc: 2.85 ng/ml



#39 AR-1262-4

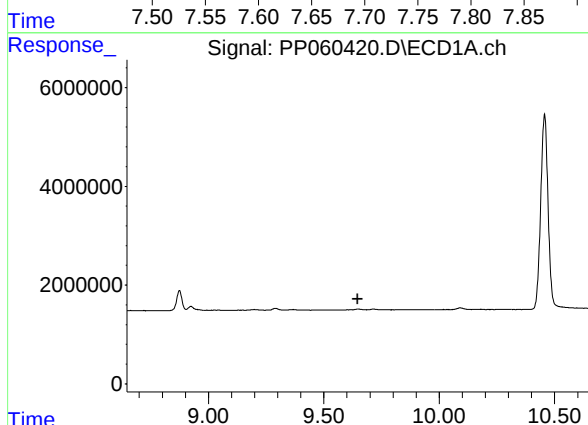
R.T.: 8.924 min
Delta R.T.: -0.028 min
Response: 1524085
Conc: 12.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



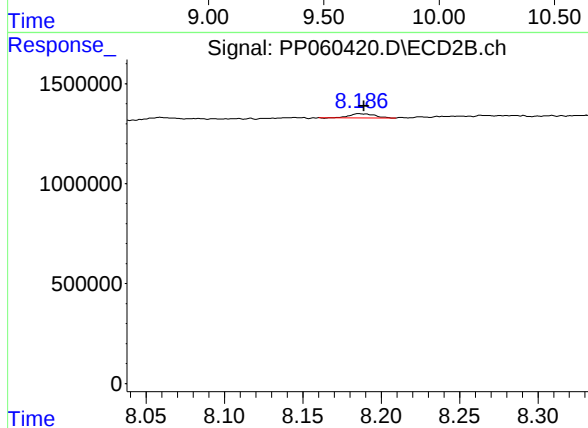
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 6793852
Conc: 40.33 ng/ml



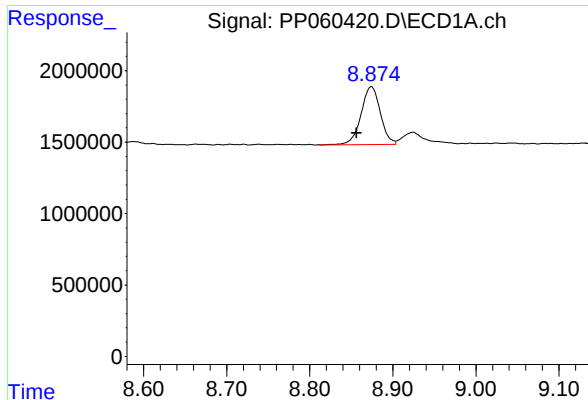
#40 AR-1262-5

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



#40 AR-1262-5

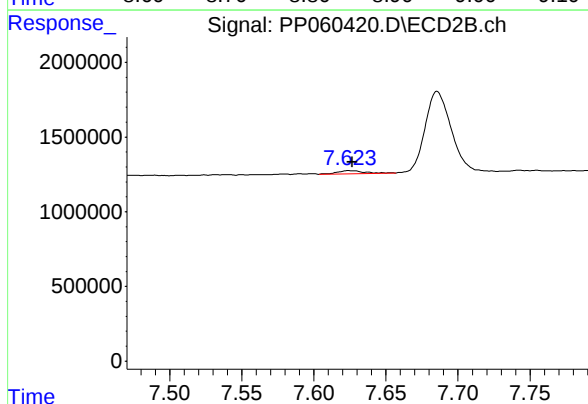
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 223592
Conc: 2.89 ng/ml



#41 AR-1268-1

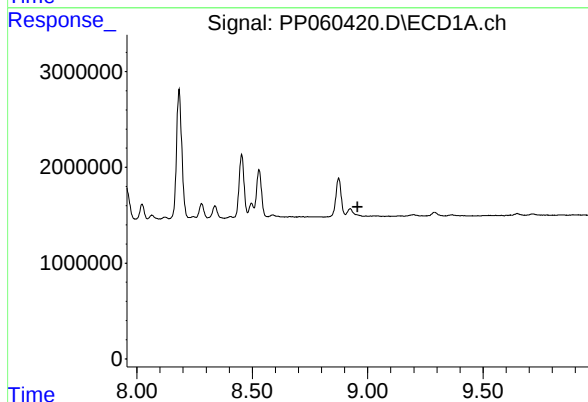
R.T.: 8.874 min
Delta R.T.: 0.018 min
Response: 6474352
Conc: 24.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



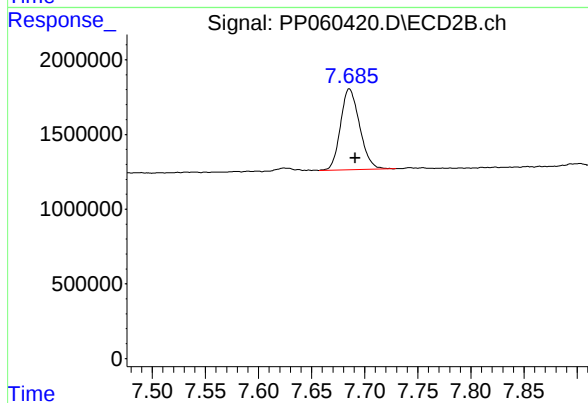
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 263117
Conc: 0.97 ng/ml



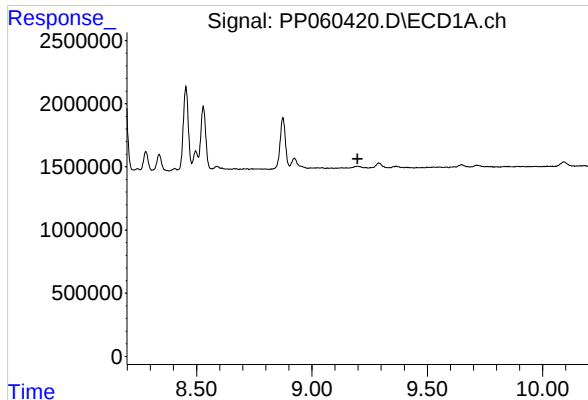
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 6793852
Conc: 27.86 ng/ml

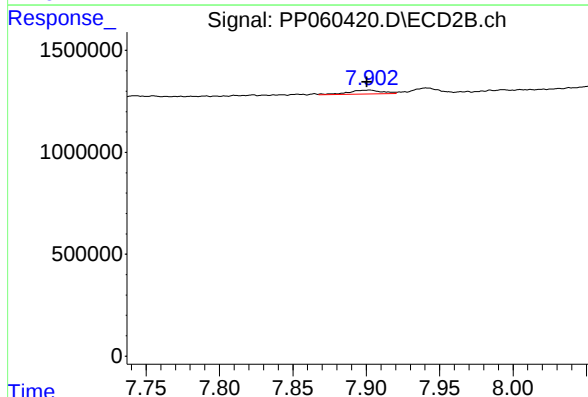


#43 AR-1268-3

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

Instrument :
ECD_P
ClientSampleId :

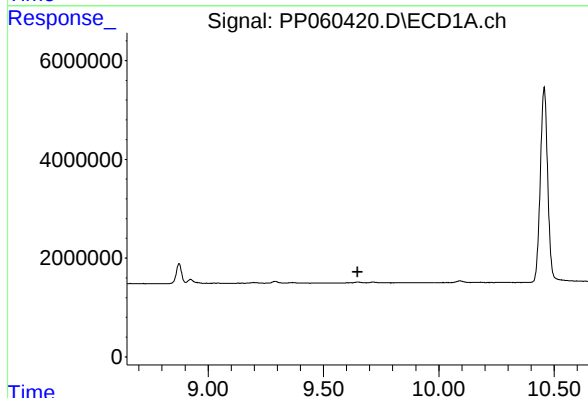
Time



#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 305275
Conc: 1.43 ng/ml

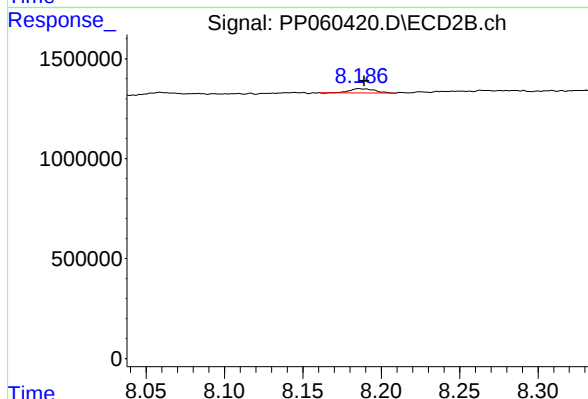
Time



#44 AR-1268-4

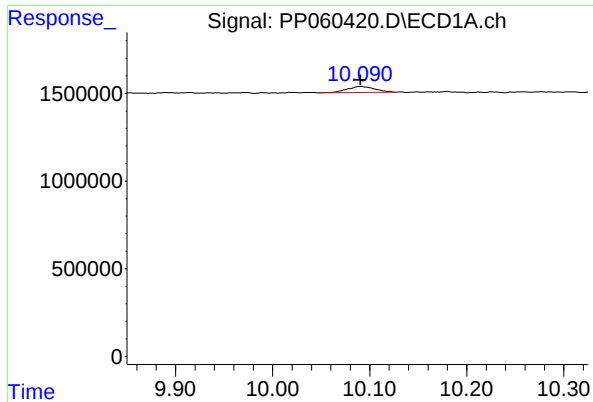
R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.

Time



#44 AR-1268-4

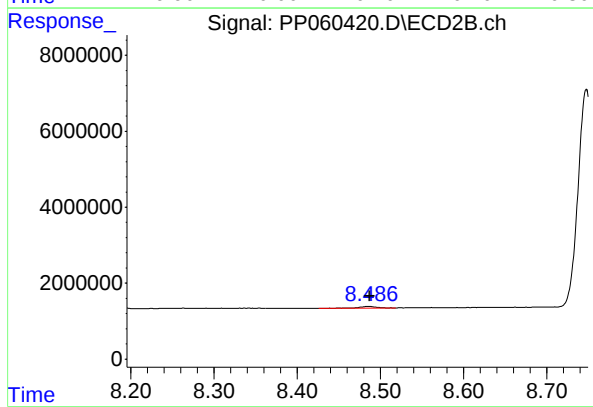
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 223592
Conc: 2.55 ng/ml



#45 AR-1268-5

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 669164
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 689717
Conc: 1.10 ng/ml