

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2023 03:27
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 04:30:50 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	3.683	108.4E6	72172629	48.391	48.487
2) SA Decachlor...	10.456	8.747	85171098	76949182	48.241	47.174
Target Compounds						
3) L1 AR-1016-1	5.719	4.781	35147277	27761045	477.514	477.735
4) L1 AR-1016-2	5.742	4.801	49245820	37649971	470.203	467.669
5) L1 AR-1016-3	5.805	4.979	31152497	21341843	476.656	477.525
6) L1 AR-1016-4	5.905	5.020	26100868	16409566	479.977	456.028
7) L1 AR-1016-5	6.204	5.236	26077776	22281165	468.833	458.555
8) L2 AR-1221-1	4.738	3.899	4624108	3449817	160.076	165.141
9) L2 AR-1221-2	4.831	3.987	6465831	4275107	302.636	286.710
10) L2 AR-1221-3	4.908	4.064	21037051	15052481	346.409	342.665
11) L3 AR-1232-1	4.908f	4.064	21037051	15052481	417.915	413.649
12) L3 AR-1232-2	5.447f	4.801	28336529	37649971	1034.830	1032.401
13) L3 AR-1232-3	5.742f	4.979	49245820	21341843	1060.939	1066.279
14) L3 AR-1232-4	5.905f	5.063	26100868	20920366	1061.891	1120.880
15) L3 AR-1232-5	5.996f	5.236	23423429	22281165	1130.383	1071.242
16) L4 AR-1242-1	5.719	4.781	35147277	27761045	549.974	548.343
17) L4 AR-1242-2	5.742	4.801	49245820	37649971	543.874	542.160
18) L4 AR-1242-3	5.805	4.979	31152497	21341843	553.324	554.179
19) L4 AR-1242-4	5.905	5.063	26100868	20920366	558.834	531.204
20) L4 AR-1242-5	6.651	5.591	7960337	21912247	158.270	447.946 #
21) L5 AR-1248-1	5.719	4.781	35147277	27761045	755.458	760.709
22) L5 AR-1248-2	5.996	5.020	23423429	16409566	337.829	313.927
23) L5 AR-1248-3	6.204	5.063	26077776	20920366	343.356	376.779
24) L5 AR-1248-4	6.611	5.236	8899554	22281165	107.605	338.480 #
25) L5 AR-1248-5	6.651	5.632	7960337	5593273	98.907	86.957
26) L6 AR-1254-1	6.585	5.591	23349743	21912247	273.607	221.518
27) L6 AR-1254-2	6.806	5.739	20102079	15980686	157.507	185.945
28) L6 AR-1254-3	7.176	6.162	10123978	31081612	76.168	216.858 #
29) L6 AR-1254-4	7.465	6.375	6574876	2412026	66.859	27.673 #
30) L6 AR-1254-5	7.886	6.796	63408007	60066545	585.251	474.009
31) L7 AR-1260-1	7.343	6.278	47635745	45337591	454.432	451.681
32) L7 AR-1260-2	7.601	6.466	54934255	54967657	454.355	460.734
33) L7 AR-1260-3	7.964	6.621	42985171	52122516	463.751	455.240
34) L7 AR-1260-4	8.196	7.096	49654093	43650429	468.210	458.601
35) L7 AR-1260-5	8.530	7.338	90153563	100.2E6	465.859	462.526
36) L8 AR-1262-1	7.964	6.888	42985171	23322848	344.611	435.555 #
37) L8 AR-1262-2	8.530	7.096	90153563	43650429	430.361	370.075
38) L8 AR-1262-3	8.871	7.624	61534746	22540790	406.606	244.453 #
39) L8 AR-1262-4	8.936f	7.687	39548023	70803437	330.458	420.293 #
40) L8 AR-1262-5	9.649	8.186	26860220	24565563	335.484	317.080
41) L9 AR-1268-1	8.871	7.624	61534746	22540790	231.944	82.924 #

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 30 04:30:50 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

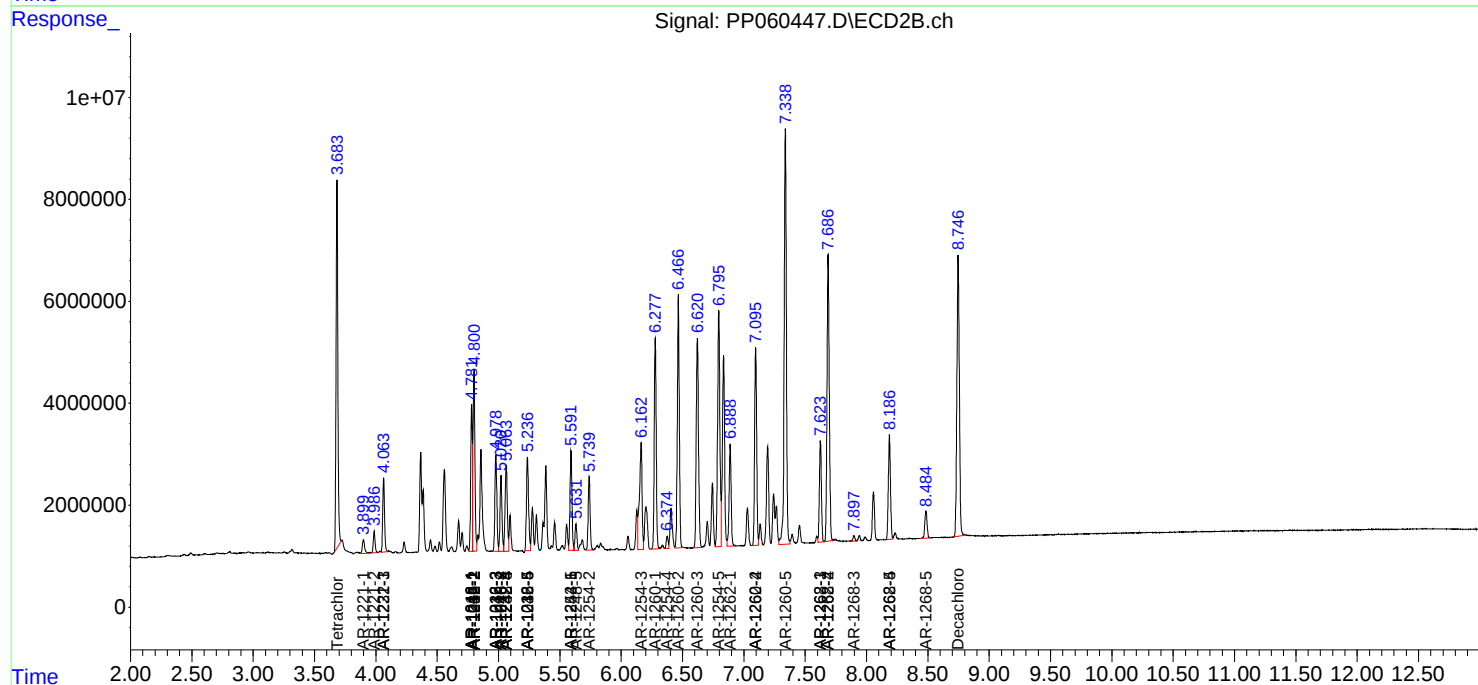
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

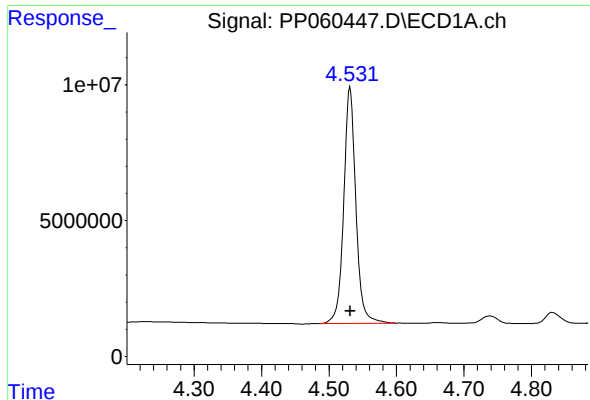
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.936f	7.687	39548023	70803437	162.258	290.328 #
43) L9	AR-1268-3	9.199	7.897	1442885	1185401	6.899	5.542
44) L9	AR-1268-4	9.649	8.186	26860220	24565563	290.749	279.987
45) L9	AR-1268-5	10.091	8.484	7978874	6919397	12.603	11.071

(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

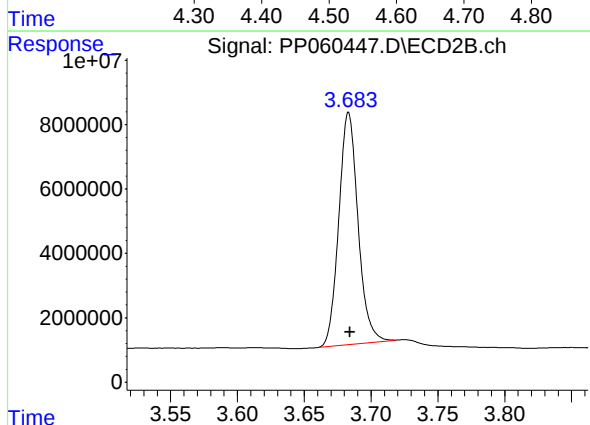




#1 Tetrachloro-m-xylene

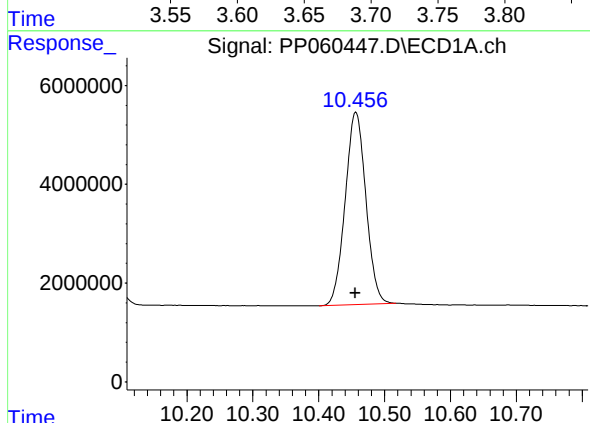
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 108371190
Conc: 48.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



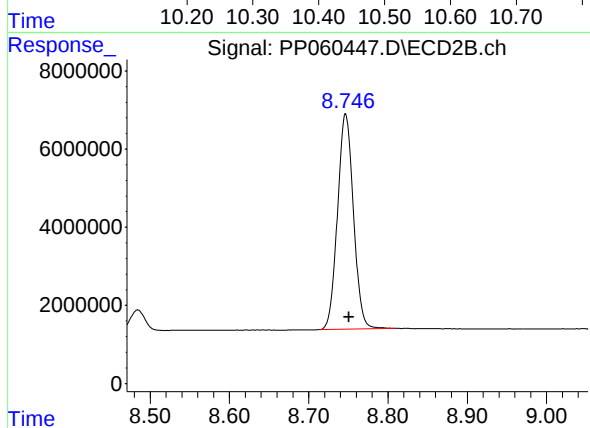
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.001 min
Response: 72172629
Conc: 48.49 ng/ml



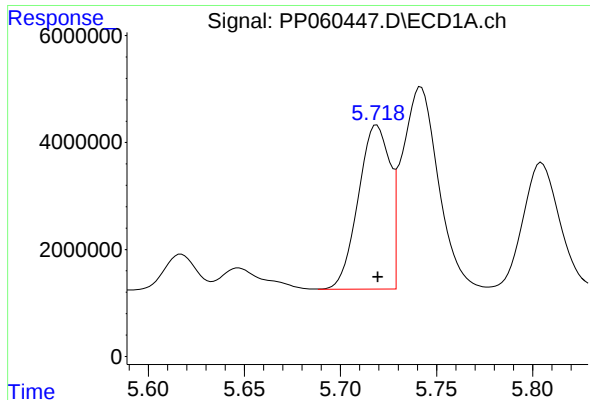
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 85171098
Conc: 48.24 ng/ml



#2 Decachlorobiphenyl

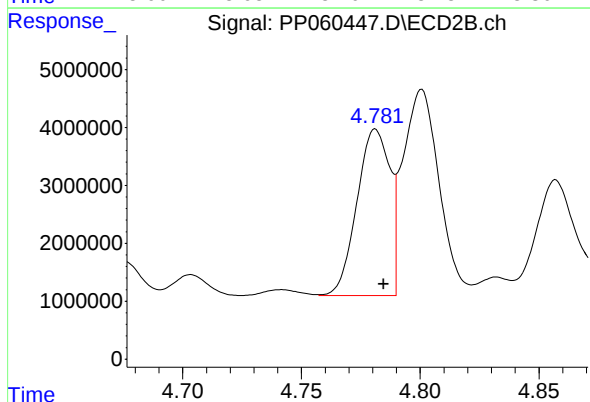
R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 76949182
Conc: 47.17 ng/ml



#3 AR-1016-1

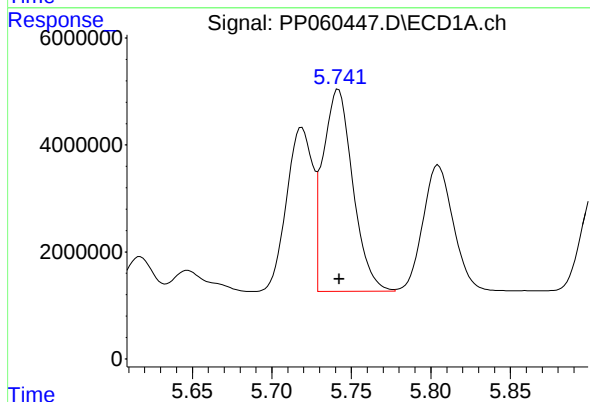
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 35147277
Conc: 477.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



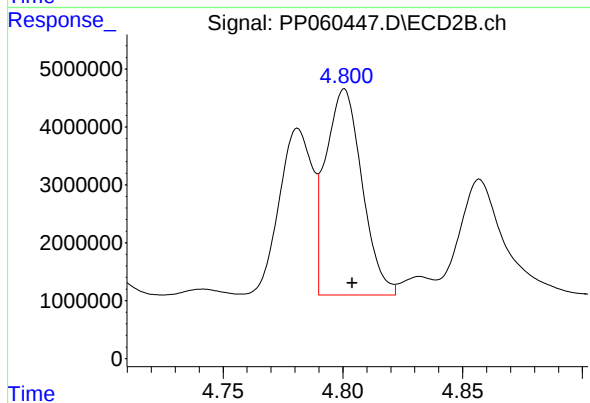
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 27761045
Conc: 477.74 ng/ml



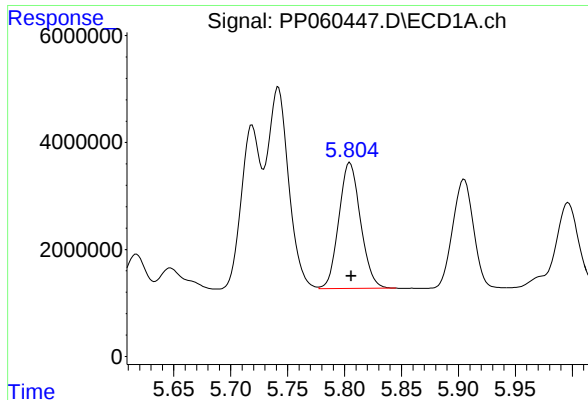
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 49245820
Conc: 470.20 ng/ml



#4 AR-1016-2

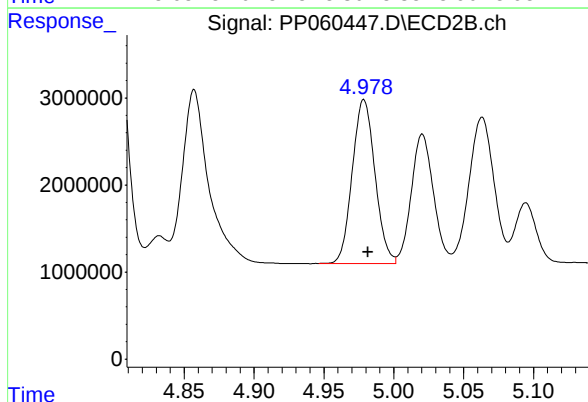
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 37649971
Conc: 467.67 ng/ml



#5 AR-1016-3

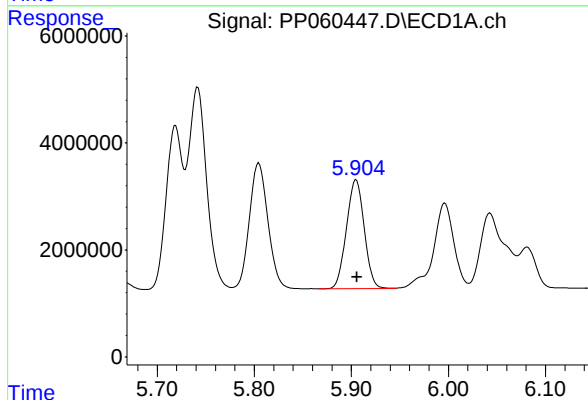
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 31152497
Conc: 476.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



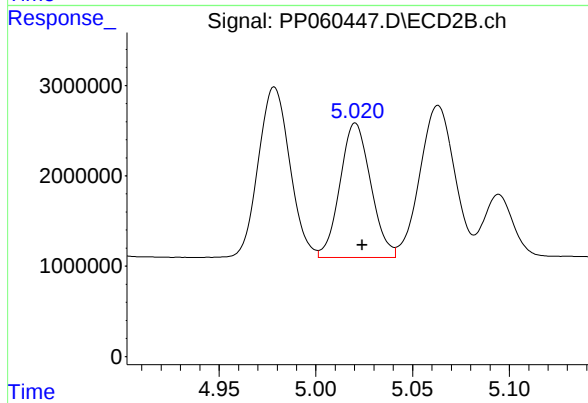
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 21341843
Conc: 477.53 ng/ml



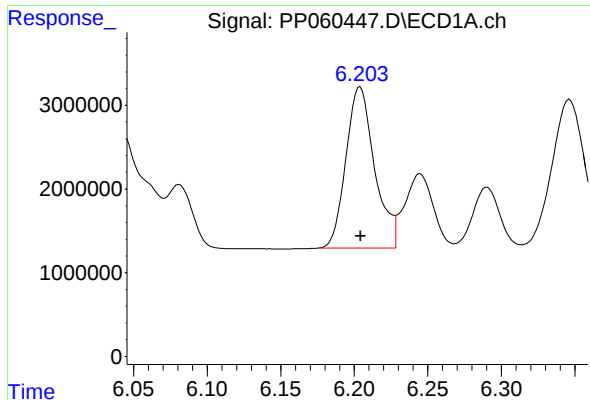
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 26100868
Conc: 479.98 ng/ml



#6 AR-1016-4

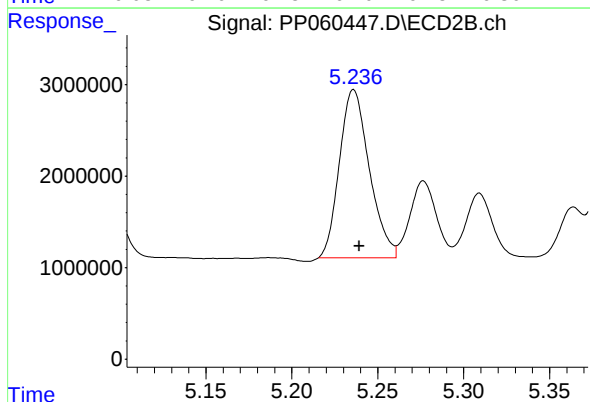
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16409566
Conc: 456.03 ng/ml



#7 AR-1016-5

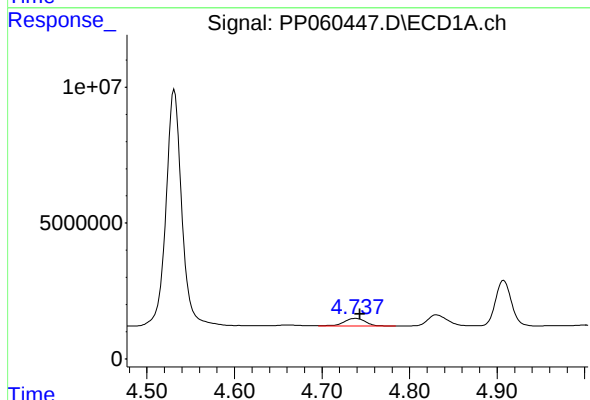
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 26077776
Conc: 468.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



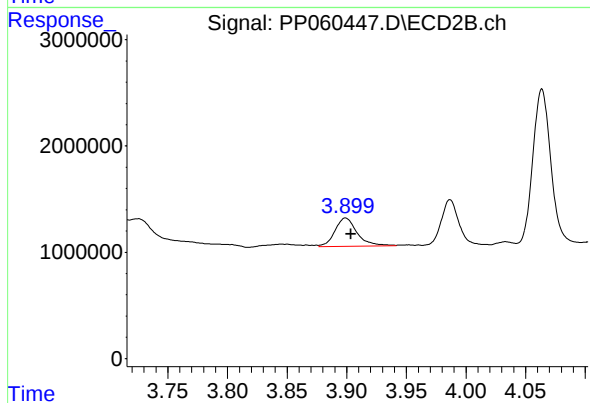
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 22281165
Conc: 458.56 ng/ml



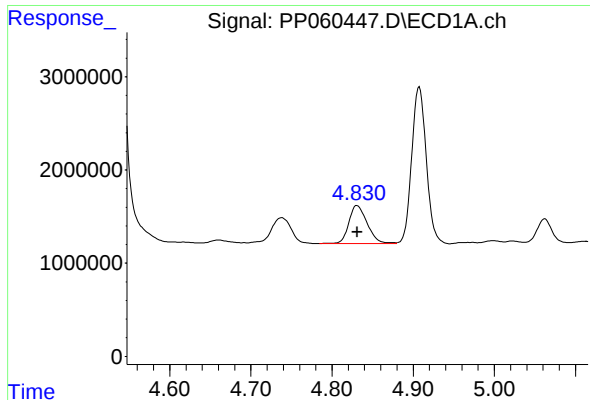
#8 AR-1221-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 4624108
Conc: 160.08 ng/ml



#8 AR-1221-1

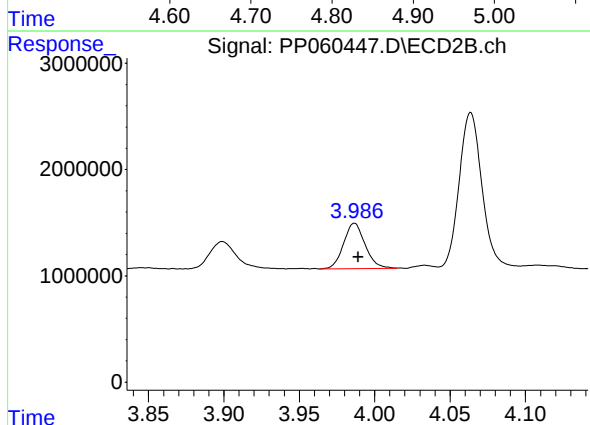
R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 3449817
Conc: 165.14 ng/ml



#9 AR-1221-2

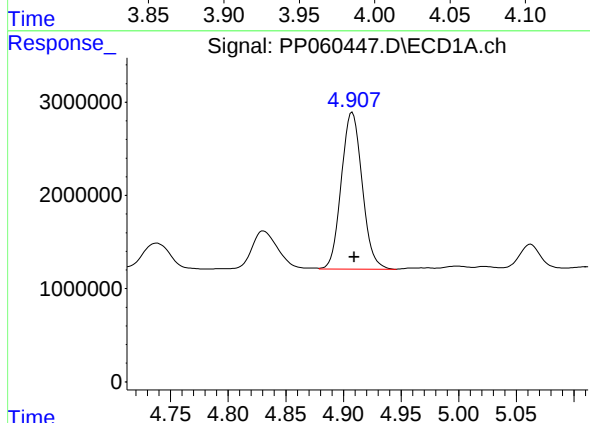
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 6465831
Conc: 302.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



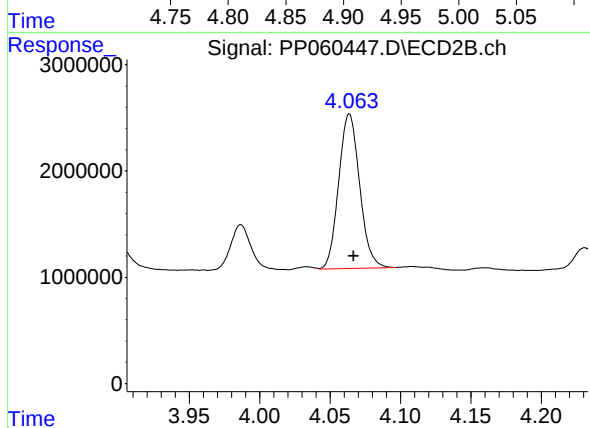
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 4275107
Conc: 286.71 ng/ml



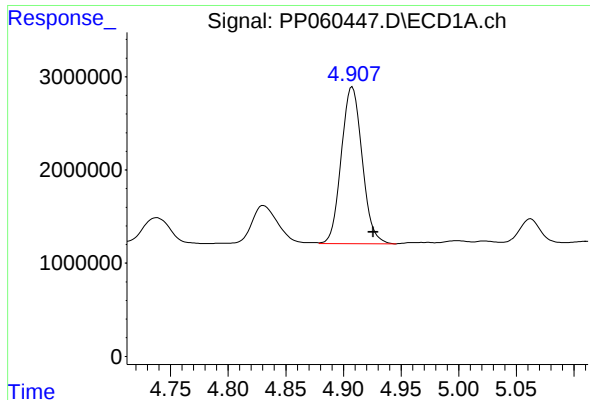
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 21037051
Conc: 346.41 ng/ml



#10 AR-1221-3

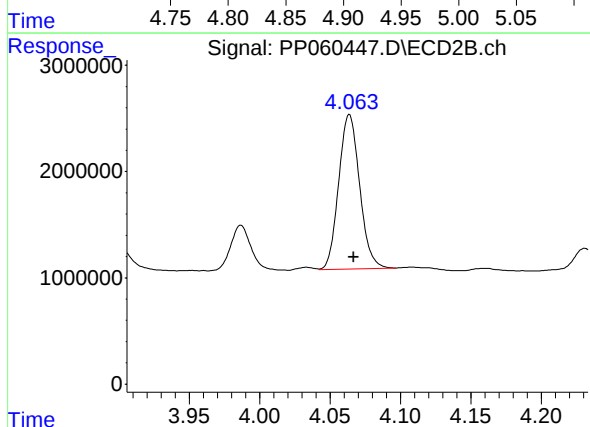
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 15052481
Conc: 342.66 ng/ml



#11 AR-1232-1

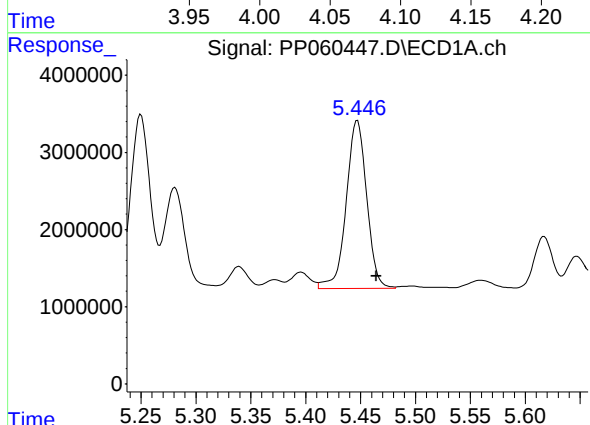
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 21037051
Conc: 417.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



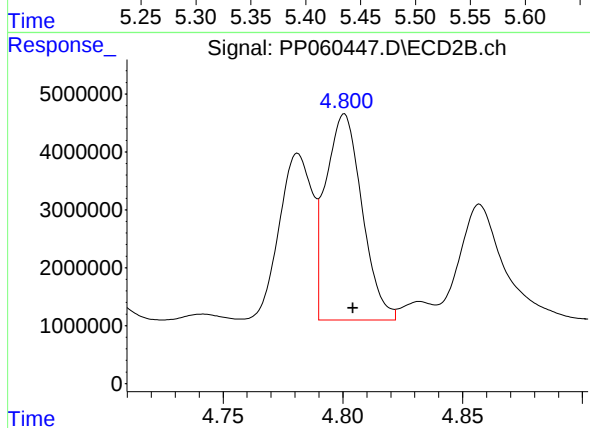
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 15052481
Conc: 413.65 ng/ml



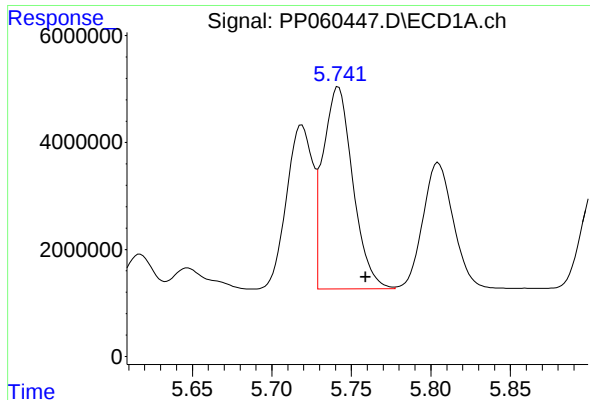
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 28336529
Conc: 1034.83 ng/ml



#12 AR-1232-2

R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 37649971
Conc: 1032.40 ng/ml



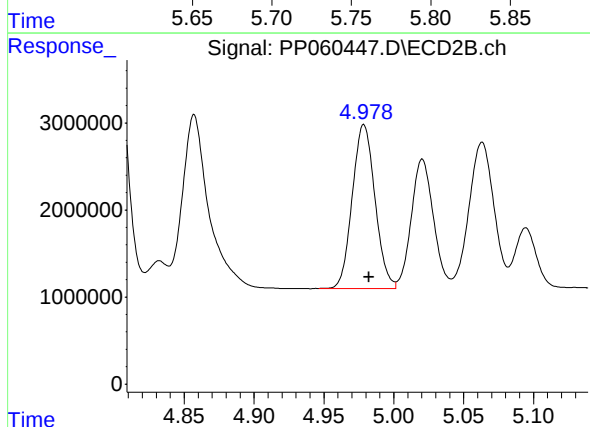
#13 AR-1232-3

R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 49245820
Conc: 1060.94 ng/ml

Instrument :

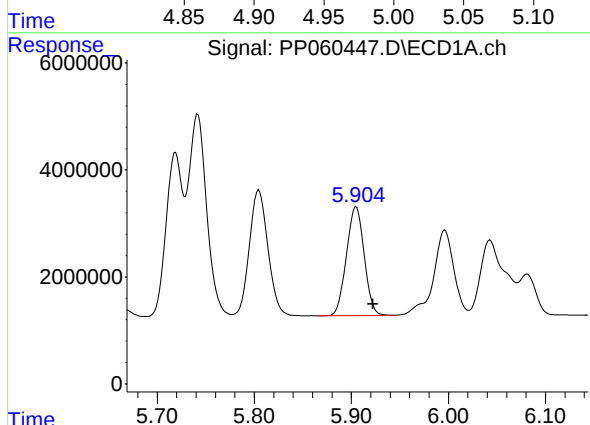
ECD_P

ClientSampleId :



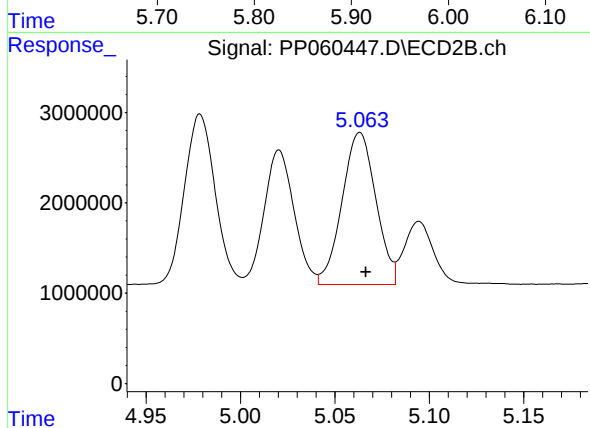
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 21341843
Conc: 1066.28 ng/ml



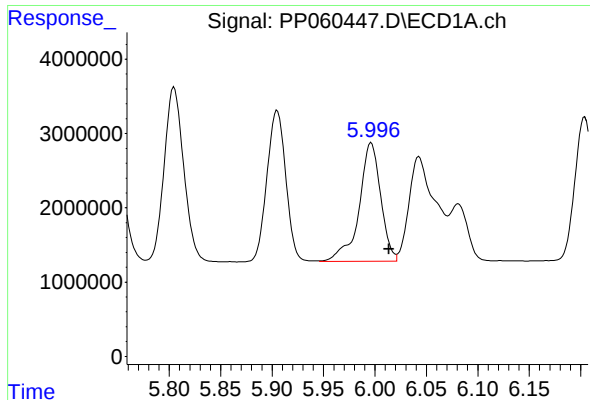
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 26100868
Conc: 1061.89 ng/ml



#14 AR-1232-4

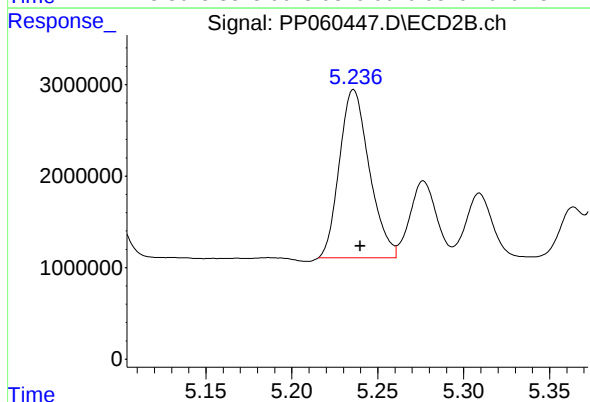
R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 20920366
Conc: 1120.88 ng/ml



#15 AR-1232-5

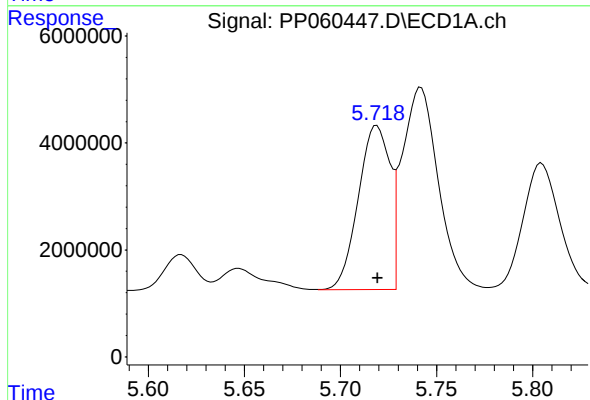
R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 23423429
Conc: 1130.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



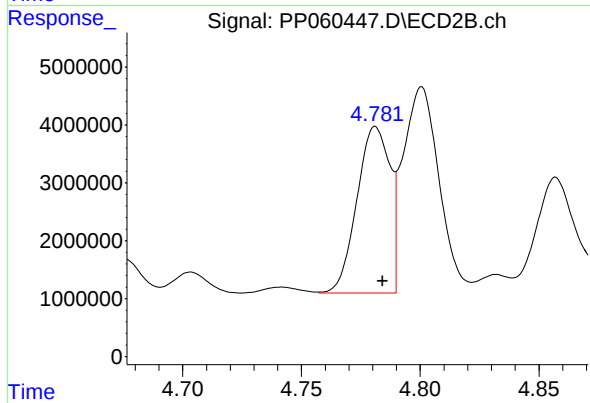
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 22281165
Conc: 1071.24 ng/ml



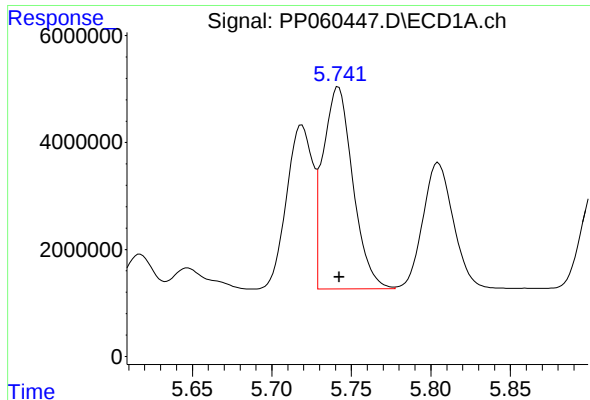
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 35147277
Conc: 549.97 ng/ml



#16 AR-1242-1

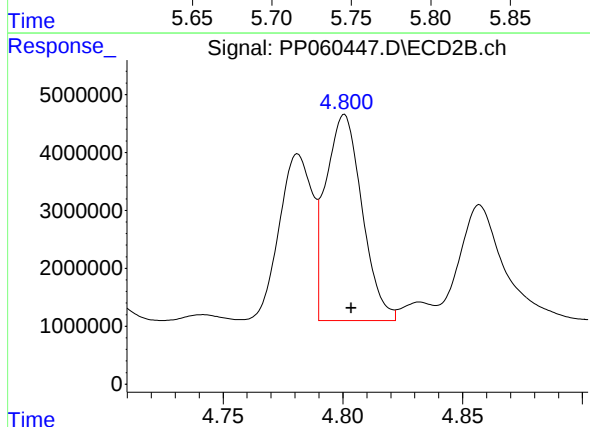
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 27761045
Conc: 548.34 ng/ml



#17 AR-1242-2

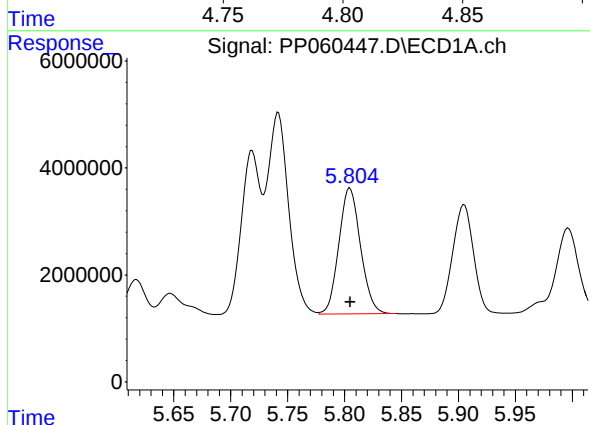
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 49245820
Conc: 543.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



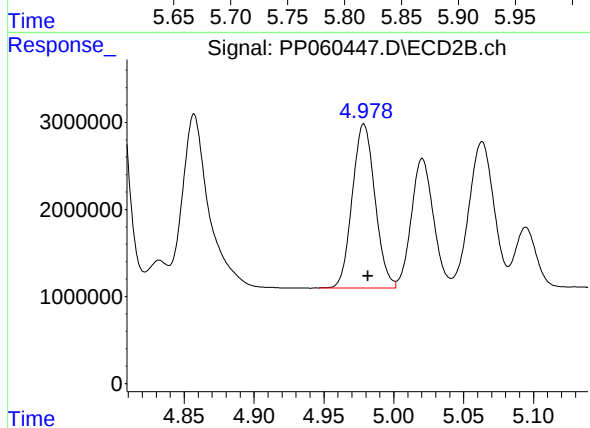
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 37649971
Conc: 542.16 ng/ml



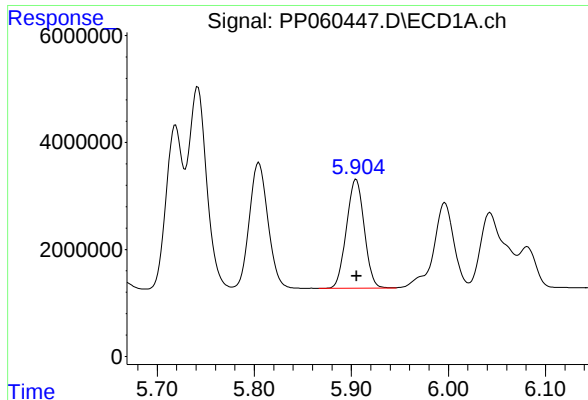
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 31152497
Conc: 553.32 ng/ml



#18 AR-1242-3

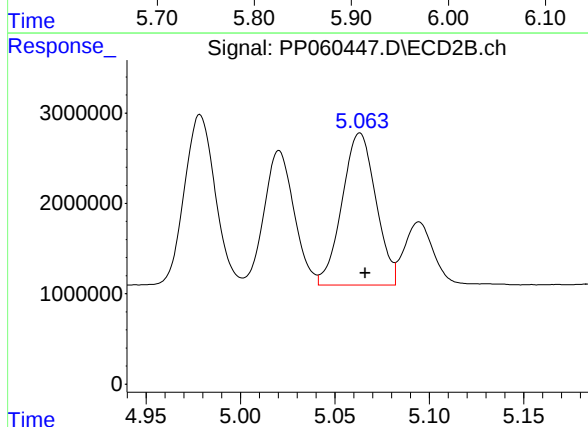
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 21341843
Conc: 554.18 ng/ml



#19 AR-1242-4

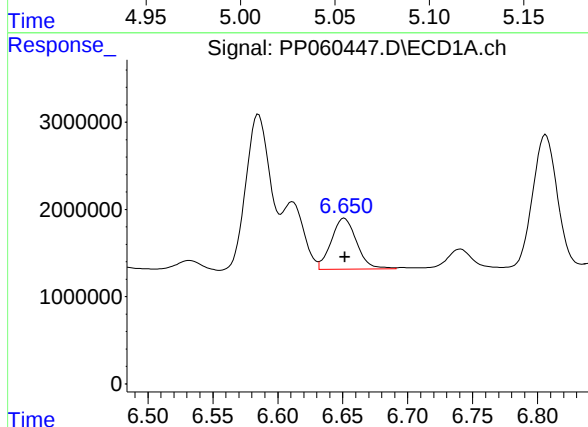
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 26100868
Conc: 558.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



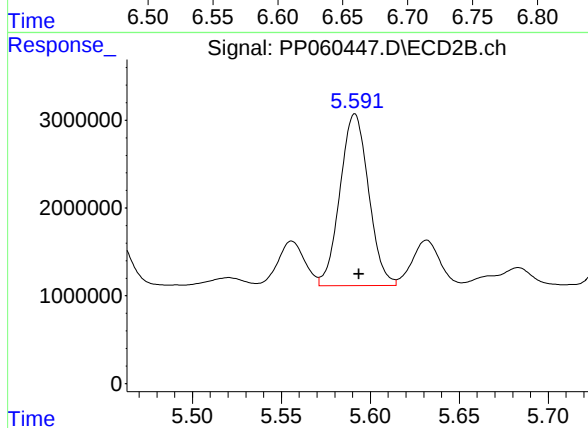
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 20920366
Conc: 531.20 ng/ml



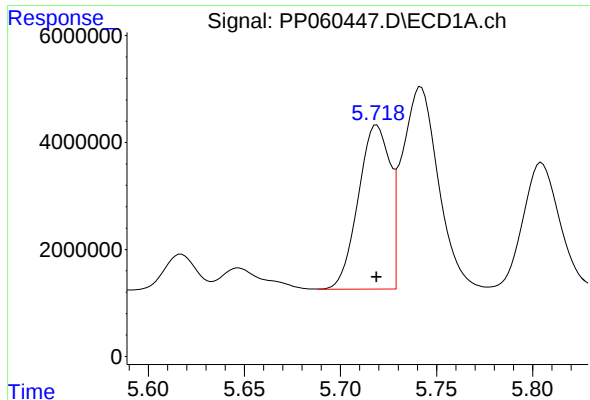
#20 AR-1242-5

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 7960337
Conc: 158.27 ng/ml



#20 AR-1242-5

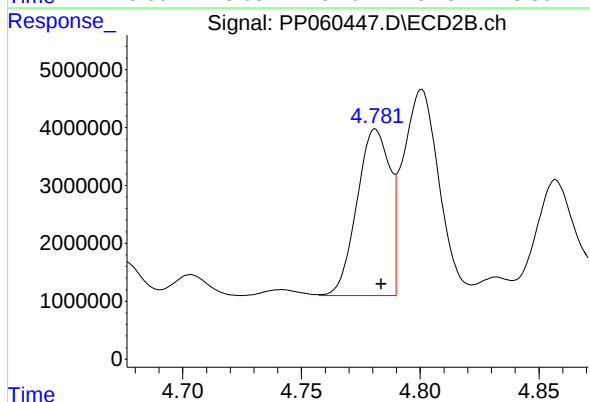
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 21912247
Conc: 447.95 ng/ml



#21 AR-1248-1

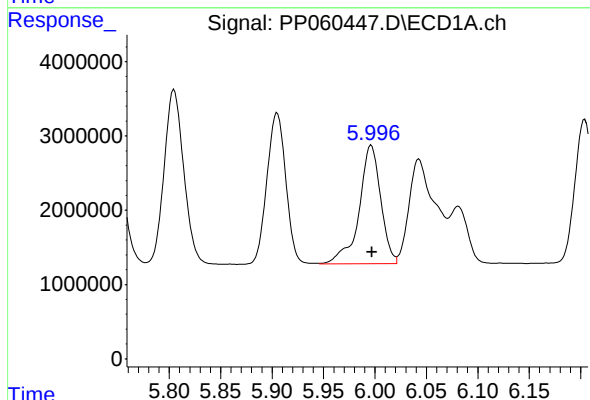
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 35147277
Conc: 755.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



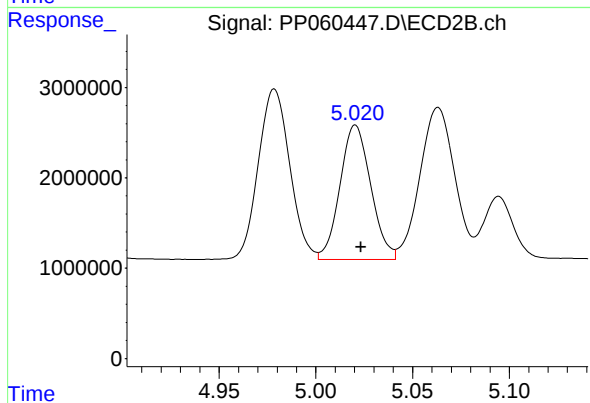
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 27761045
Conc: 760.71 ng/ml



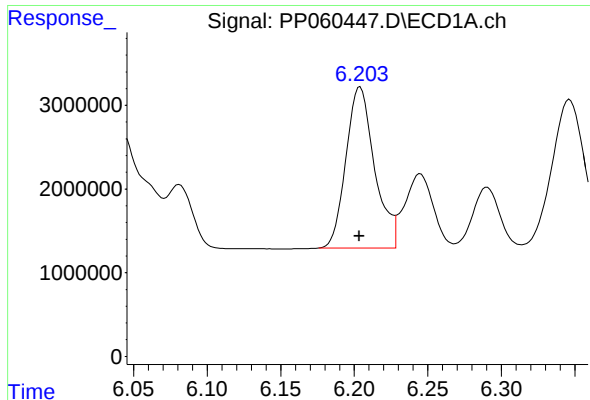
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 23423429
Conc: 337.83 ng/ml



#22 AR-1248-2

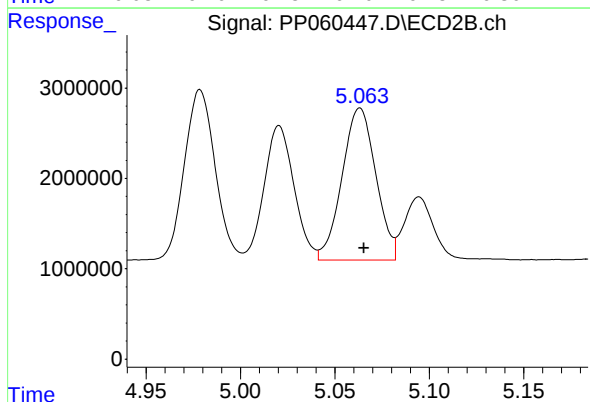
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 16409566
Conc: 313.93 ng/ml



#23 AR-1248-3

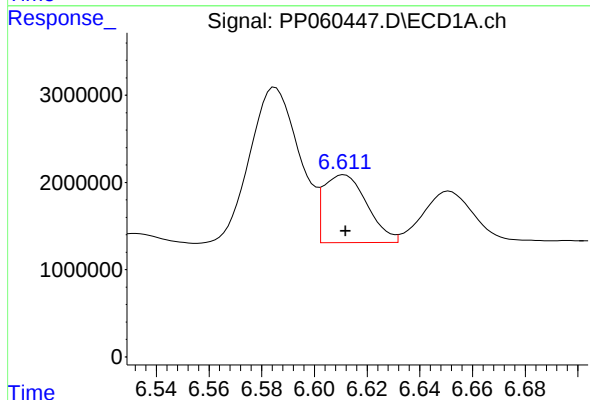
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 26077776
Conc: 343.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



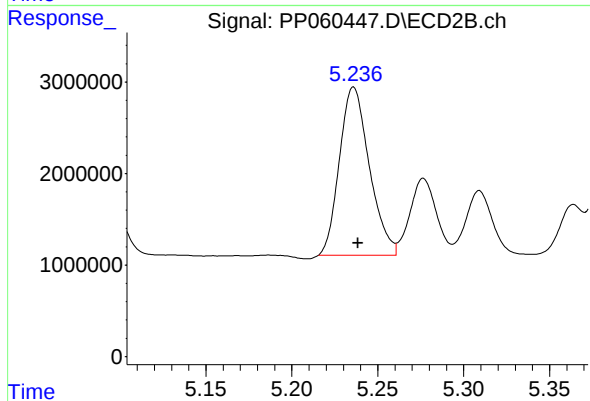
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 20920366
Conc: 376.78 ng/ml



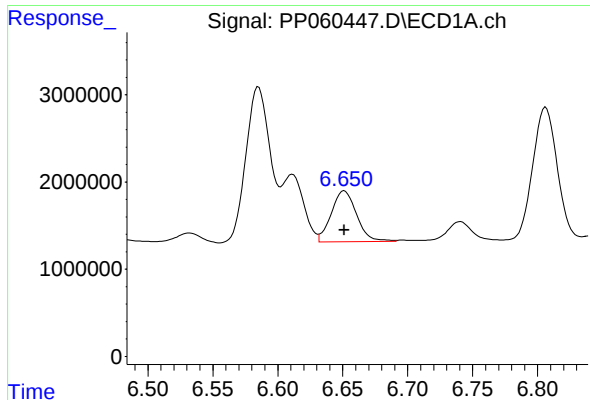
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 8899554
Conc: 107.60 ng/ml



#24 AR-1248-4

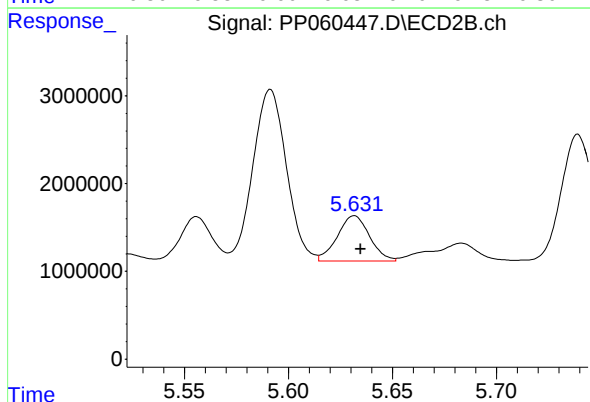
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 22281165
Conc: 338.48 ng/ml



#25 AR-1248-5

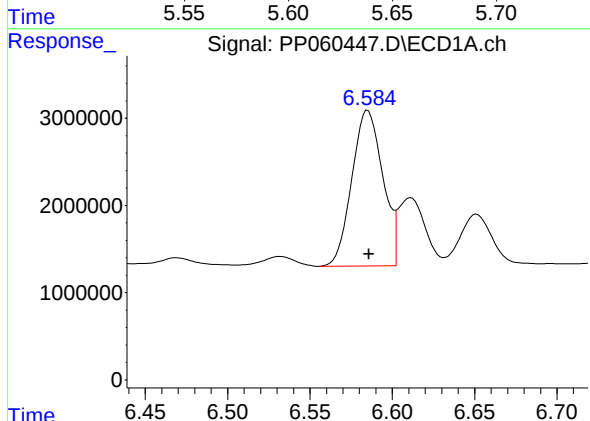
R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 7960337
Conc: 98.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



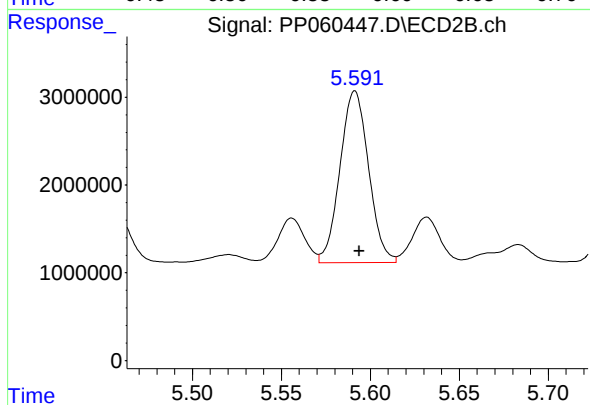
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 5593273
Conc: 86.96 ng/ml



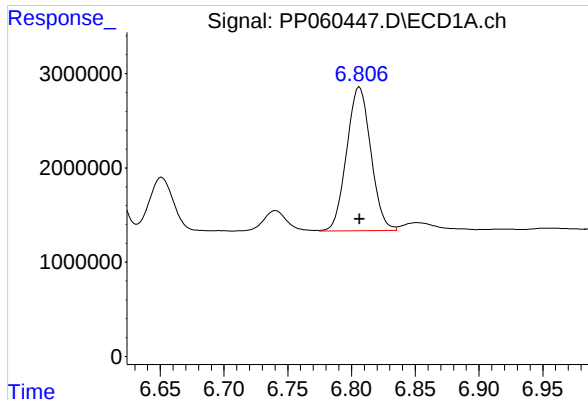
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 23349743
Conc: 273.61 ng/ml



#26 AR-1254-1

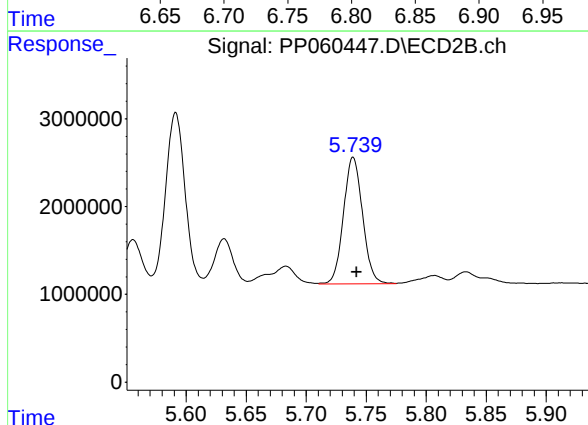
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 21912247
Conc: 221.52 ng/ml



#27 AR-1254-2

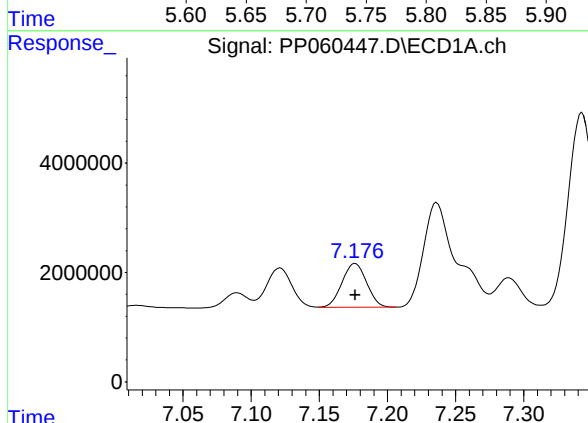
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 20102079
Conc: 157.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



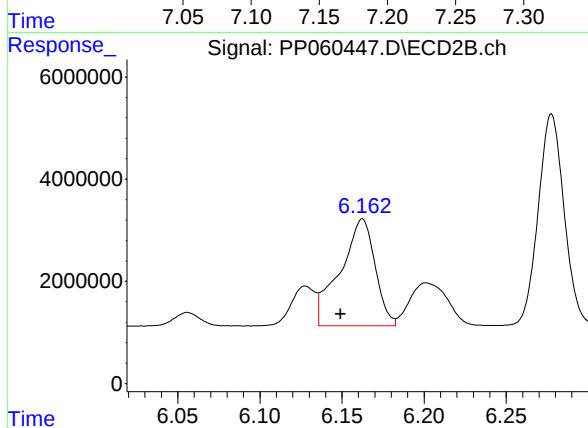
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 15980686
Conc: 185.95 ng/ml



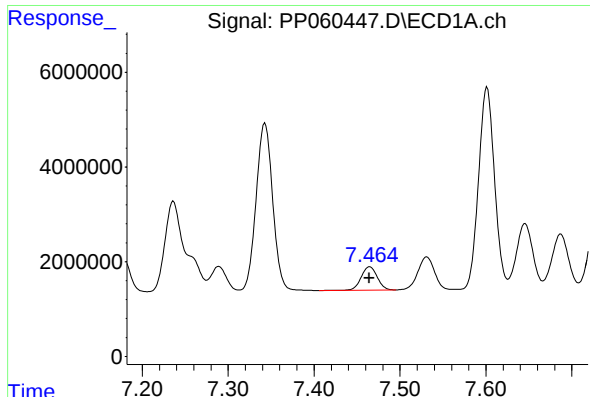
#28 AR-1254-3

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 10123978
Conc: 76.17 ng/ml



#28 AR-1254-3

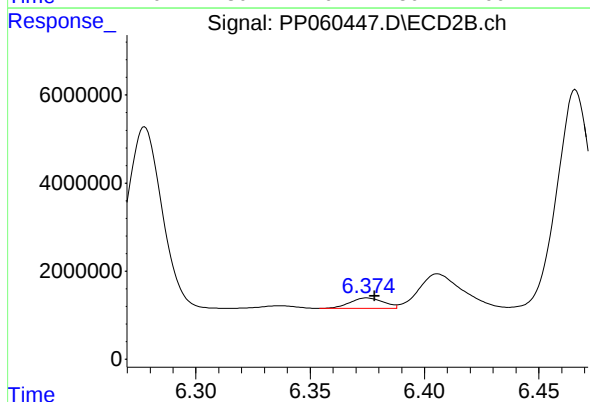
R.T.: 6.162 min
Delta R.T.: 0.013 min
Response: 31081612
Conc: 216.86 ng/ml



#29 AR-1254-4

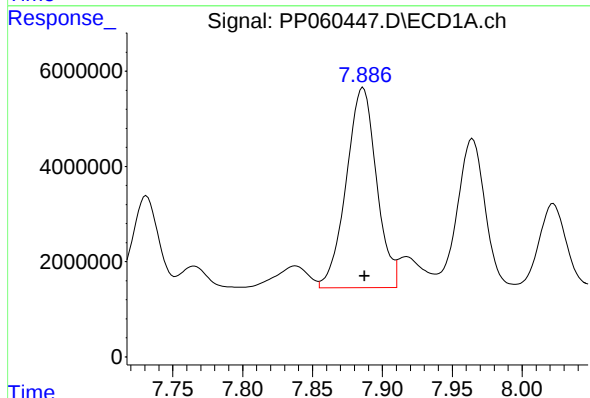
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 6574876
Conc: 66.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



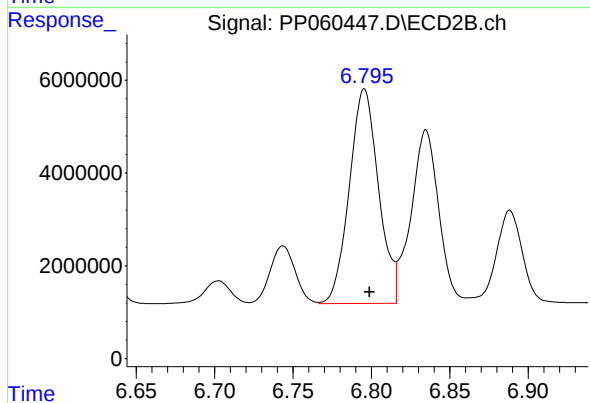
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 2412026
Conc: 27.67 ng/ml



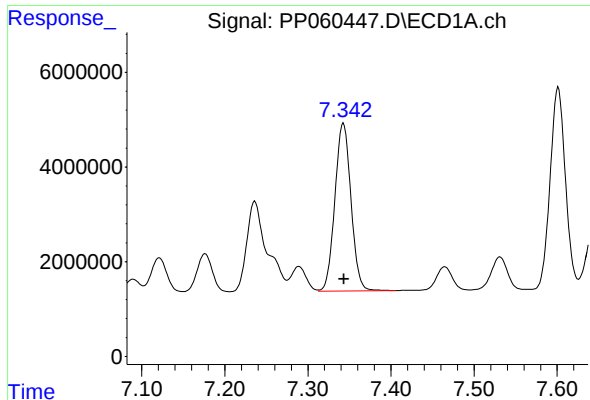
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 63408007
Conc: 585.25 ng/ml



#30 AR-1254-5

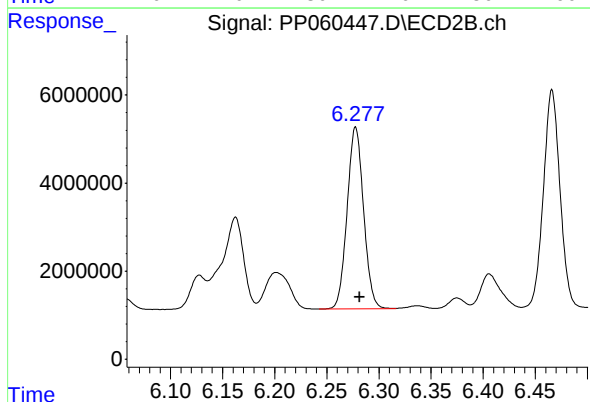
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 60066545
Conc: 474.01 ng/ml



#31 AR-1260-1

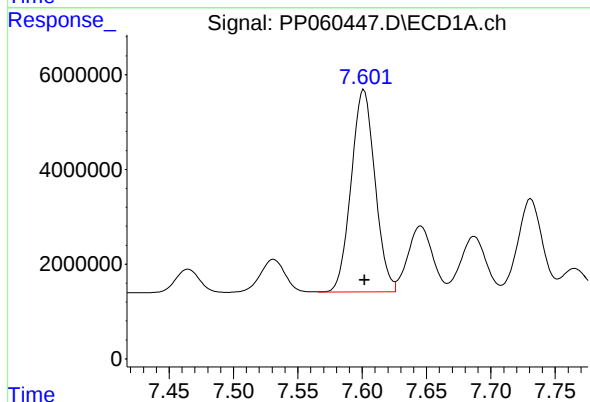
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 47635745
Conc: 454.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



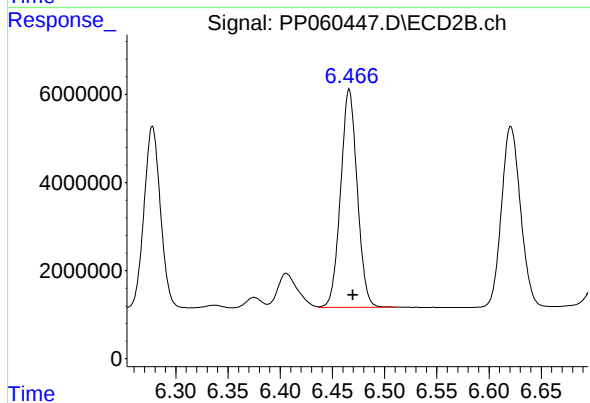
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 45337591
Conc: 451.68 ng/ml



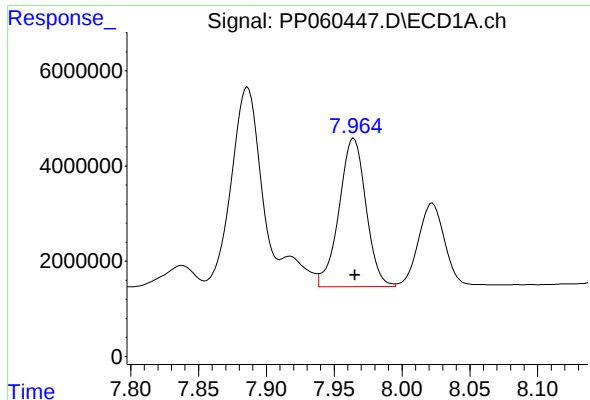
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 54934255
Conc: 454.35 ng/ml



#32 AR-1260-2

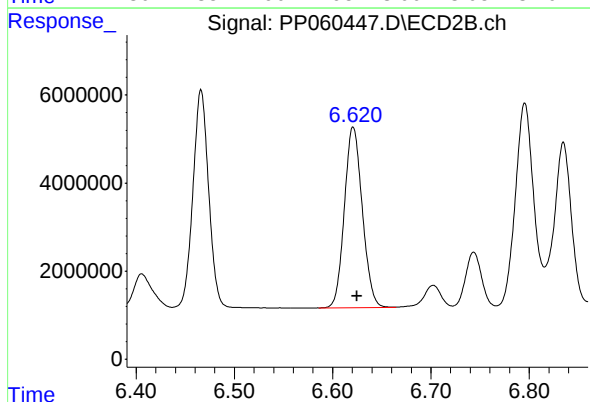
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 54967657
Conc: 460.73 ng/ml



#33 AR-1260-3

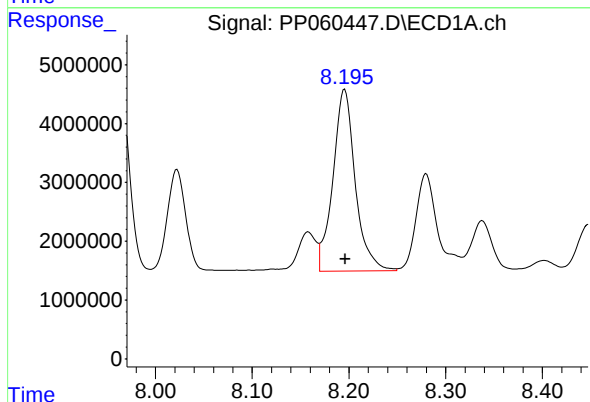
R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 42985171
Conc: 463.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



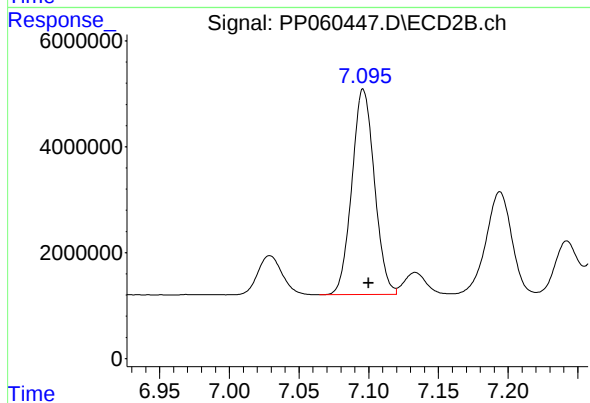
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 52122516
Conc: 455.24 ng/ml



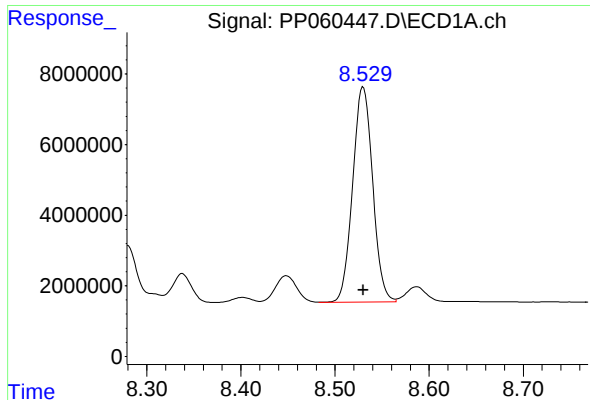
#34 AR-1260-4

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 49654093
Conc: 468.21 ng/ml



#34 AR-1260-4

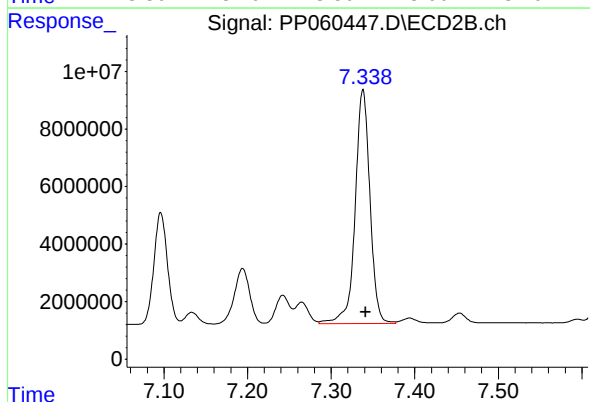
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 43650429
Conc: 458.60 ng/ml



#35 AR-1260-5

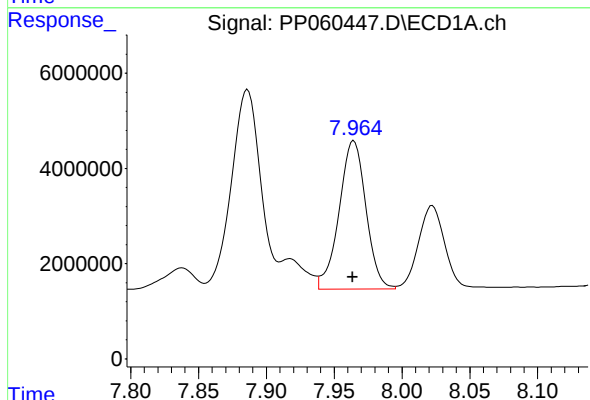
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 90153563
Conc: 465.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



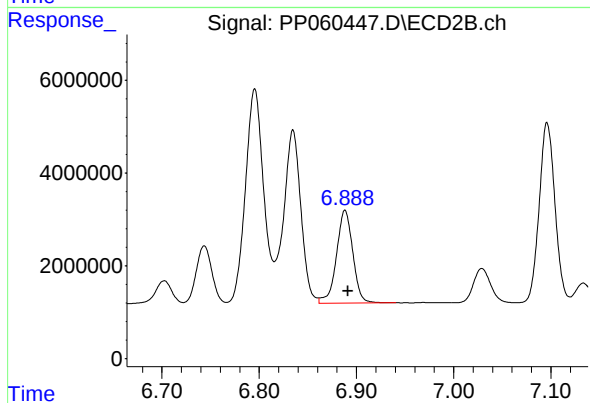
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 100235822
Conc: 462.53 ng/ml



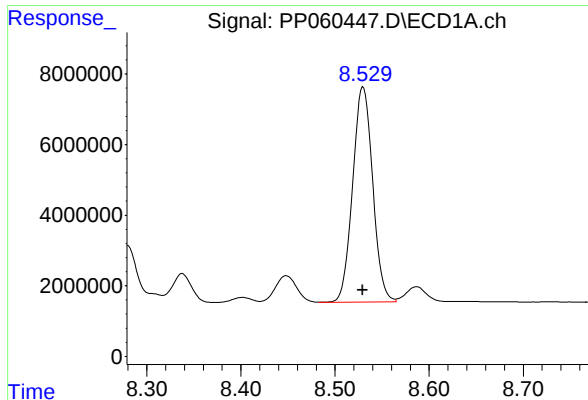
#36 AR-1262-1

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 42985171
Conc: 344.61 ng/ml



#36 AR-1262-1

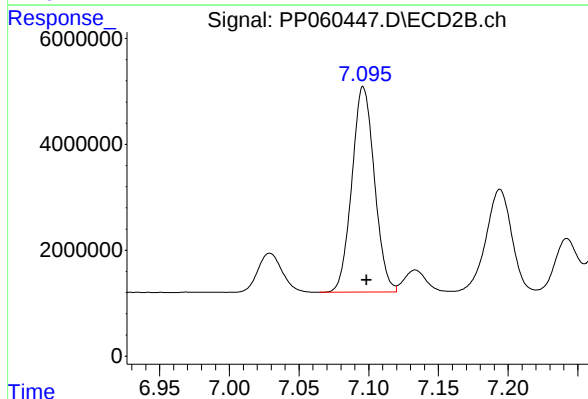
R.T.: 6.888 min
Delta R.T.: -0.003 min
Response: 23322848
Conc: 435.55 ng/ml



#37 AR-1262-2

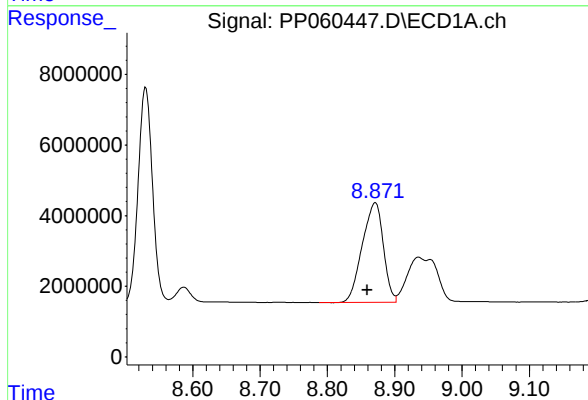
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 90153563
Conc: 430.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



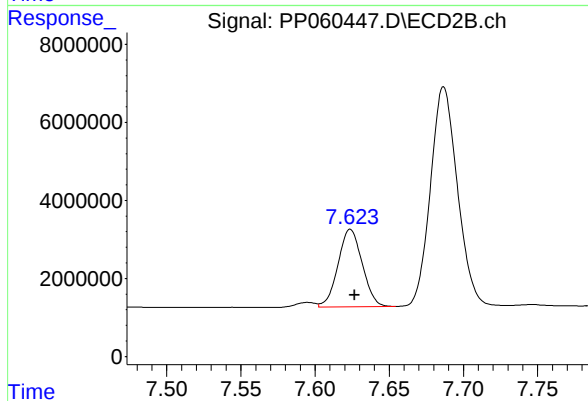
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 43650429
Conc: 370.08 ng/ml



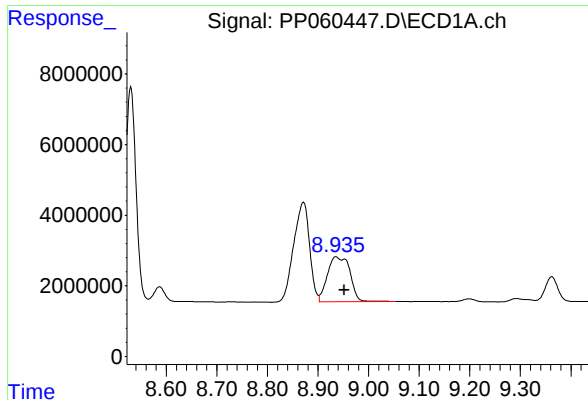
#38 AR-1262-3

R.T.: 8.871 min
Delta R.T.: 0.012 min
Response: 61534746
Conc: 406.61 ng/ml



#38 AR-1262-3

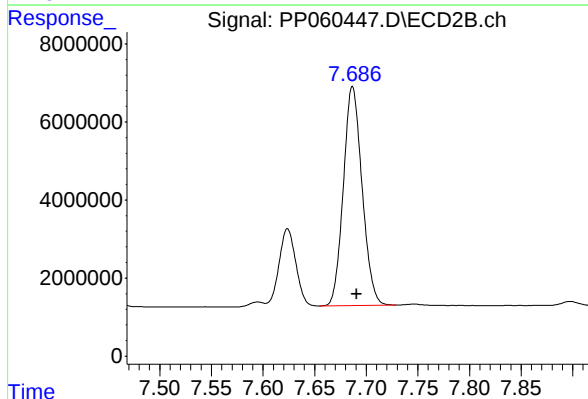
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 22540790
Conc: 244.45 ng/ml



#39 AR-1262-4

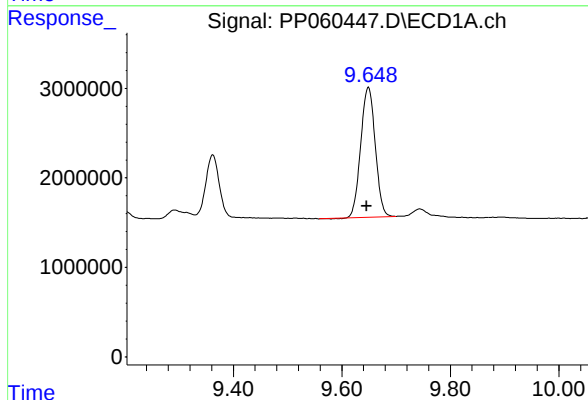
R.T.: 8.936 min
Delta R.T.: -0.016 min
Response: 39548023
Conc: 330.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



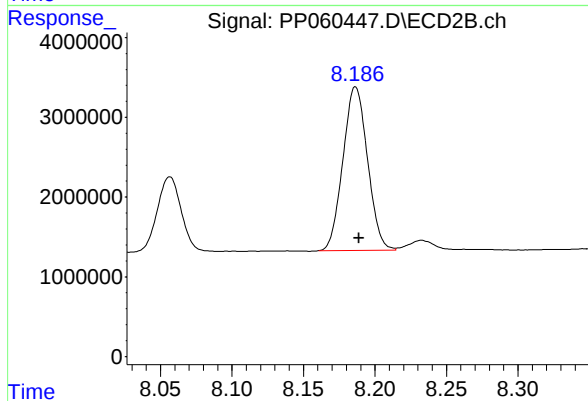
#39 AR-1262-4

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 70803437
Conc: 420.29 ng/ml



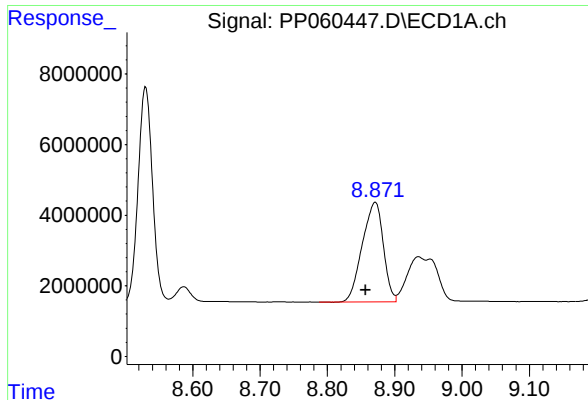
#40 AR-1262-5

R.T.: 9.649 min
Delta R.T.: 0.003 min
Response: 26860220
Conc: 335.48 ng/ml



#40 AR-1262-5

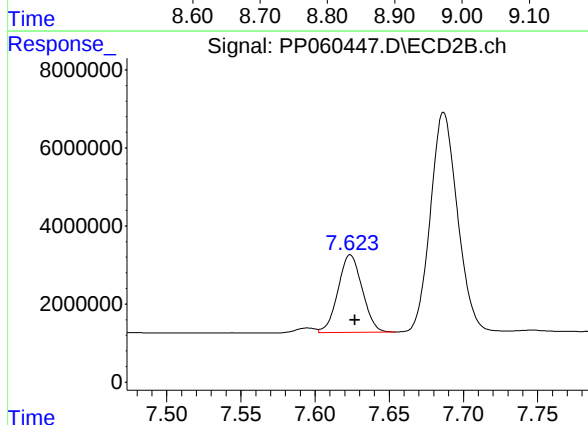
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 24565563
Conc: 317.08 ng/ml



#41 AR-1268-1

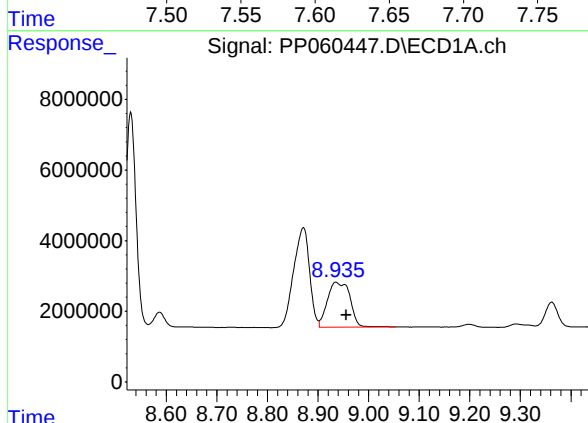
R.T.: 8.871 min
Delta R.T.: 0.015 min
Response: 61534746
Conc: 231.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



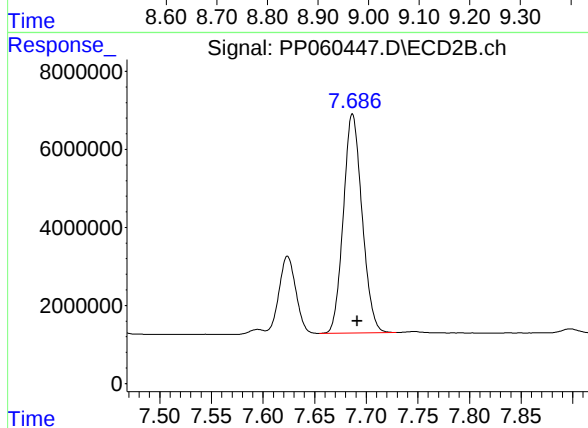
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 22540790
Conc: 82.92 ng/ml



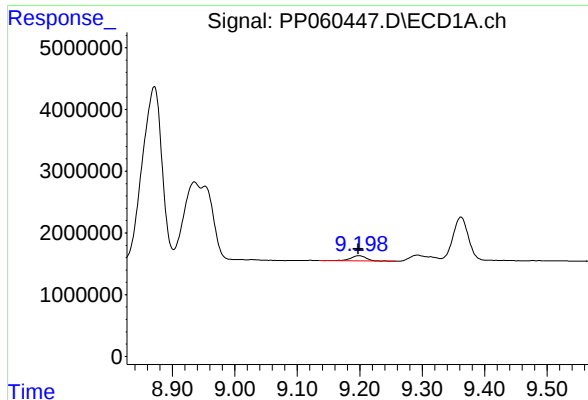
#42 AR-1268-2

R.T.: 8.936 min
Delta R.T.: -0.020 min
Response: 39548023
Conc: 162.26 ng/ml



#42 AR-1268-2

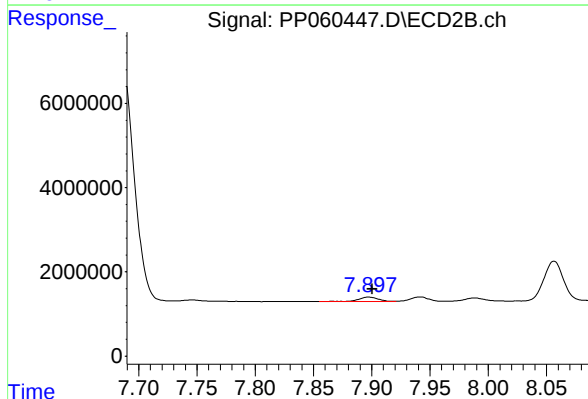
R.T.: 7.687 min
Delta R.T.: -0.005 min
Response: 70803437
Conc: 290.33 ng/ml



#43 AR-1268-3

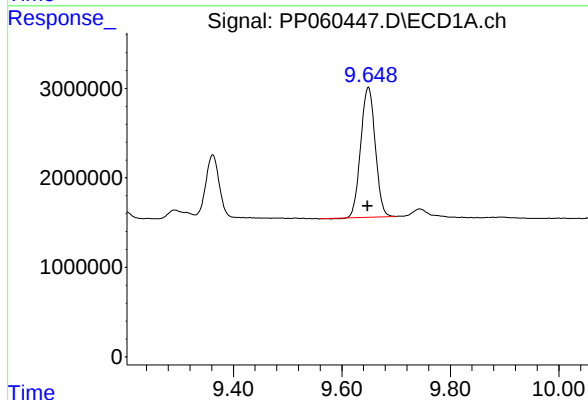
R.T.: 9.199 min
Delta R.T.: 0.001 min
Response: 1442885
Conc: 6.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



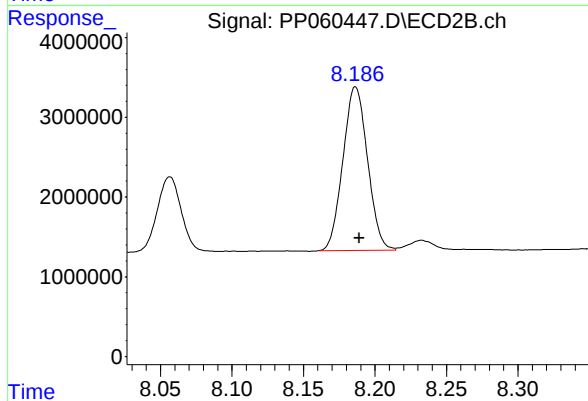
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 1185401
Conc: 5.54 ng/ml



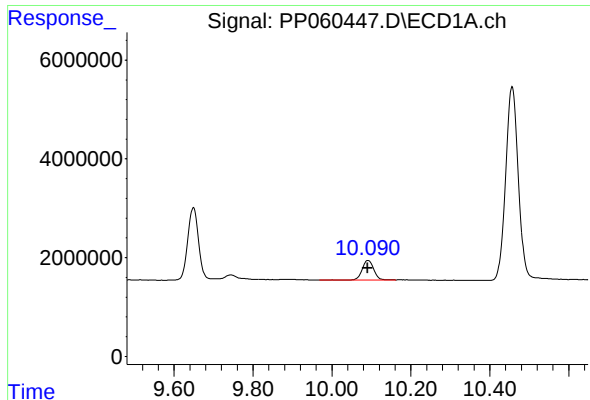
#44 AR-1268-4

R.T.: 9.649 min
Delta R.T.: 0.001 min
Response: 26860220
Conc: 290.75 ng/ml



#44 AR-1268-4

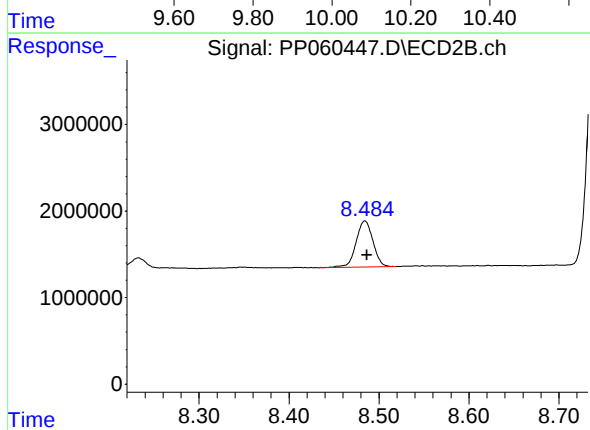
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 24565563
Conc: 279.99 ng/ml



#45 AR-1268-5

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 7978874
Conc: 12.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 6919397
Conc: 11.07 ng/ml