

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092223\
 Data File : PP060168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 22:33
 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 23 01:07:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.664	98982234	72767057	47.581	44.673
2) SA Decachlor...	10.423	8.731	82523378	86937619	54.102	57.416
Target Compounds						
3) L1 AR-1016-1	5.695	4.782	33835163	38658553	501.447	643.070 #
4) L1 AR-1016-2	5.718	4.782	47899113	38658553	500.717	465.756
5) L1 AR-1016-3	5.781	4.960	30265901	20909567	508.474	466.118
6) L1 AR-1016-4	5.881	5.003	25132696	16149778	513.266	457.775
7) L1 AR-1016-5	6.180	5.218	26323823	24255610	535.387	521.665
8) L2 AR-1221-1	4.715	3.880	4208206	3241304	158.303	147.568
9) L2 AR-1221-2	4.807	3.967	5902756	4006989	299.890	259.538
10) L2 AR-1221-3	4.884	4.045	19489045	14493660	341.202	309.012
11) L3 AR-1232-1	4.884	4.045	19489045	14493660	417.729	381.276
12) L3 AR-1232-2	5.423	4.782	26152796	38658553	1029.689	1048.421
13) L3 AR-1232-3	5.718	4.960	47899113	20909567	1108.690	1044.252
14) L3 AR-1232-4	5.881	5.045	25132696	21742094	1137.078	1190.269
15) L3 AR-1232-5	5.973	5.218	23018155	24255610	1254.713	1209.800
16) L4 AR-1242-1	5.695	4.782	33835163	38658553	566.509	734.102 #
17) L4 AR-1242-2	5.718	4.782	47899113	38658553	569.975	536.503
18) L4 AR-1242-3	5.781	4.960	30265901	20909567	578.681	534.312
19) L4 AR-1242-4	5.881	5.045	25132696	21742094	583.233	554.795
20) L4 AR-1242-5	6.628	5.573	8619342	24547620	188.527	507.392 #
21) L5 AR-1248-1	5.695	4.763	33835163	27705235	756.995	709.069
22) L5 AR-1248-2	5.973	5.003	23018155	16149778	355.417	298.057
23) L5 AR-1248-3	6.180	5.045	26323823	21742094	371.687	382.113
24) L5 AR-1248-4	6.588	5.218	9153254	24255610	118.344	361.144 #
25) L5 AR-1248-5	6.628	5.614	8619342	7495463	114.558	113.630
26) L6 AR-1254-1	6.562	5.573	23859084	24547620	298.850	244.603
27) L6 AR-1254-2	6.783	5.722	20202760	19124019	168.676	220.129 #
28) L6 AR-1254-3	7.153	6.146	9744963	32601910	80.218	232.206 #
29) L6 AR-1254-4	7.442	6.359	6889360	2432070	77.469	28.893 #
30) L6 AR-1254-5	7.864	6.780f	61204628	58586786	629.191	493.913
31) L7 AR-1260-1	7.320	6.261	48378098	47339279	536.708	508.389
32) L7 AR-1260-2	7.579	6.450	53884531	54907956	525.253	500.815
33) L7 AR-1260-3	7.942	6.605	42127046	52644956	534.889	511.839
34) L7 AR-1260-4	8.173	7.081	47693217	43315423	532.169	520.094
35) L7 AR-1260-5	8.506	7.322	84579990	96636845	495.604	502.262
36) L8 AR-1262-1	7.942	6.872f	42127046	23269286	364.001	461.016 #
37) L8 AR-1262-2	8.506	7.081f	84579990	43315423	422.498	383.408
38) L8 AR-1262-3	8.846	7.609f	57458509	22171185	399.015	252.940 #
39) L8 AR-1262-4	8.910f	7.672f	39055303	68391501	343.929	418.792
40) L8 AR-1262-5	9.619	8.172f	25469756	14458584	341.405	193.702 #
41) L9 AR-1268-1	8.846	7.609f	57458509	22171185	229.139	85.157 #

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 Acq On : 22 Sep 2023 22:33
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

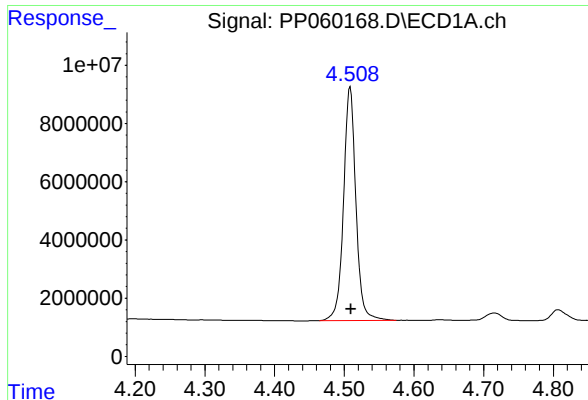
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:07:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 2023
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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	8.910f	7.672f	39055303	68391501	170.174	295.824 #
43) L9	AR-1268-3	9.170	7.883f	1208289	1328938	6.124	6.509
44) L9	AR-1268-4	9.619	8.172f	25469756	14458584	307.506	179.066 #
45) L9	AR-1268-5	10.059	8.469f	7291554	7579389	12.047	11.999

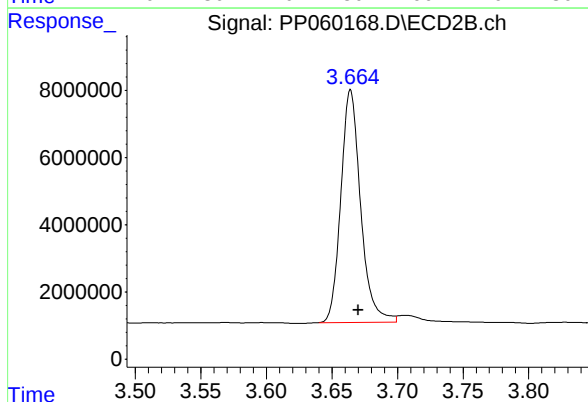
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

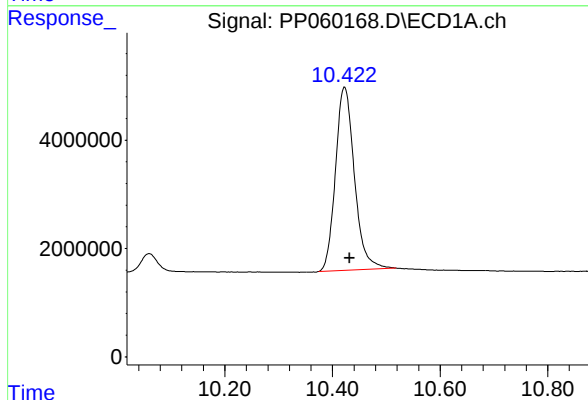
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 98982234
Conc: 47.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



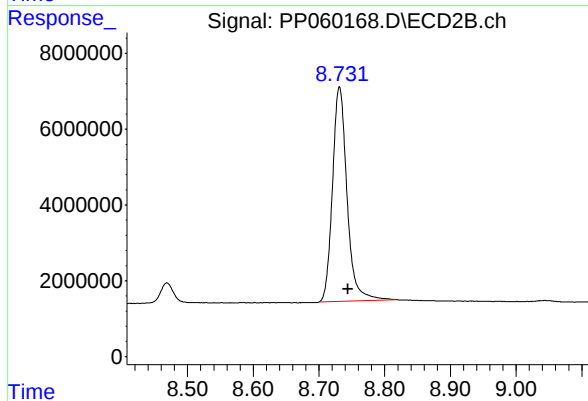
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 72767057
Conc: 44.67 ng/ml



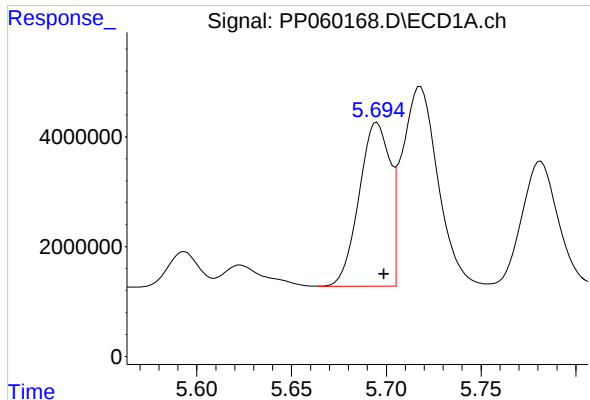
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: -0.009 min
Response: 82523378
Conc: 54.10 ng/ml



#2 Decachlorobiphenyl

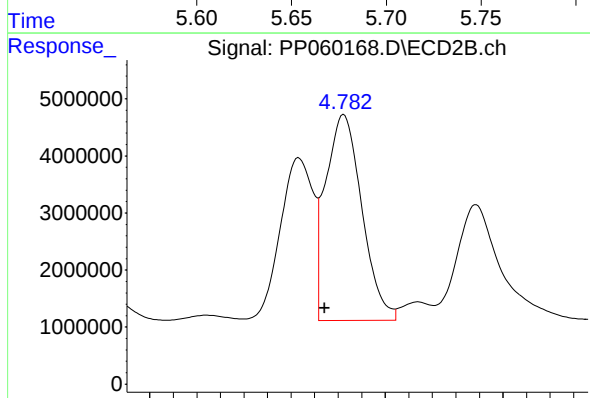
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 86937619
Conc: 57.42 ng/ml



#3 AR-1016-1

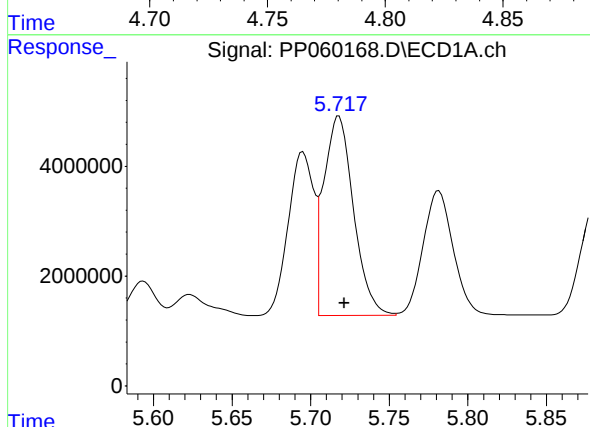
R.T.: 5.695 min
Delta R.T.: -0.004 min
Response: 33835163
Conc: 501.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



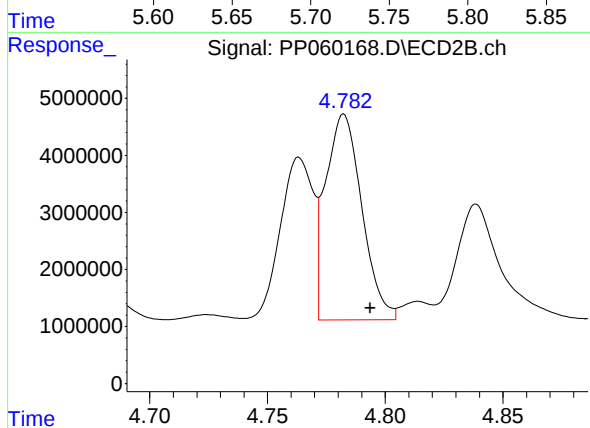
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: 0.008 min
Response: 38658553
Conc: 643.07 ng/ml



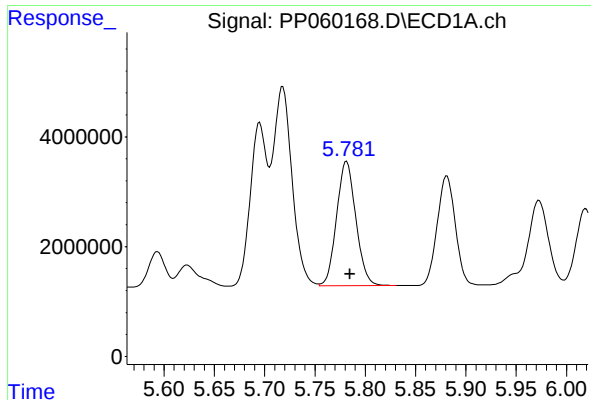
#4 AR-1016-2

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 47899113
Conc: 500.72 ng/ml



#4 AR-1016-2

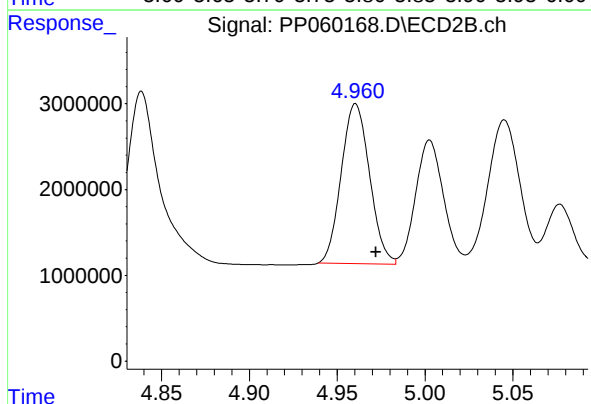
R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 38658553
Conc: 465.76 ng/ml



#5 AR-1016-3

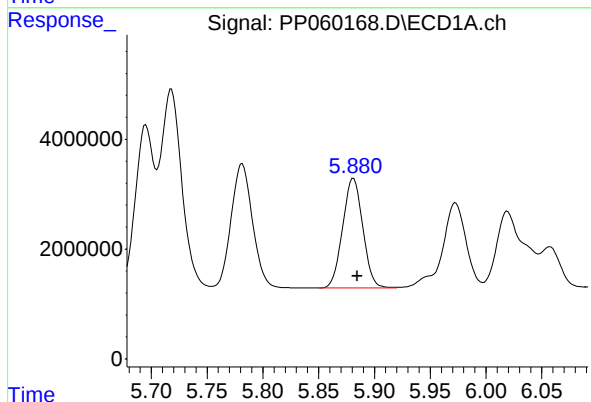
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 30265901
Conc: 508.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



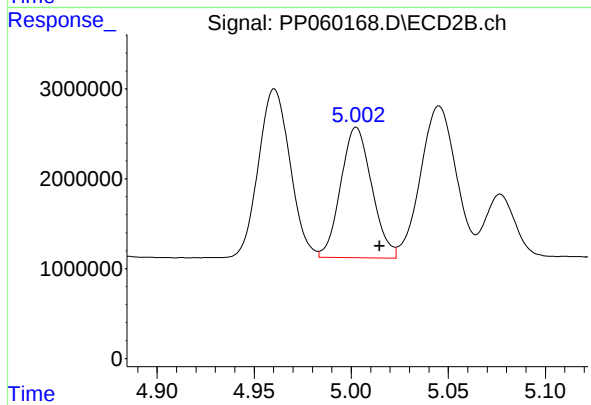
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.012 min
Response: 20909567
Conc: 466.12 ng/ml



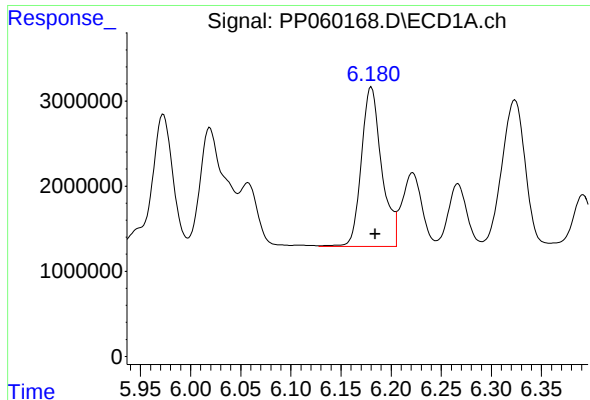
#6 AR-1016-4

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 25132696
Conc: 513.27 ng/ml



#6 AR-1016-4

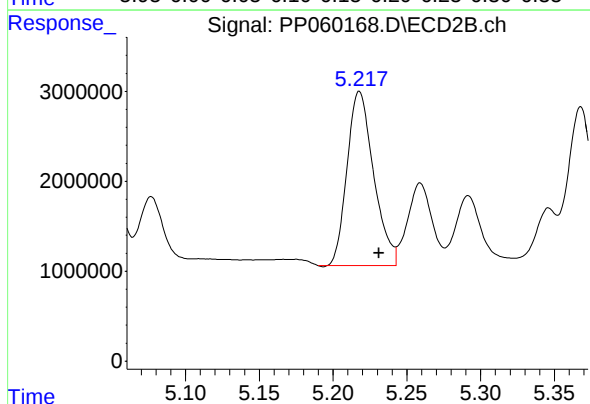
R.T.: 5.003 min
Delta R.T.: -0.012 min
Response: 16149778
Conc: 457.77 ng/ml



#7 AR-1016-5

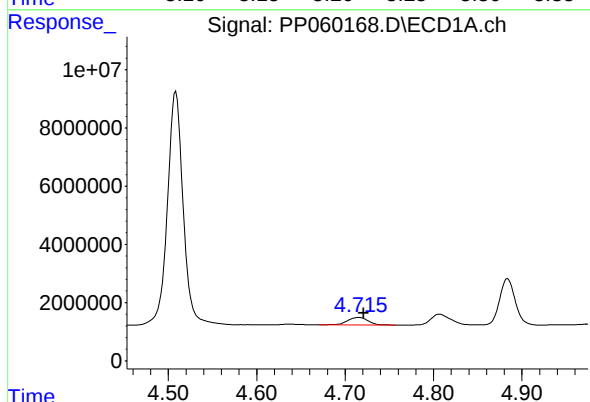
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 26323823
Conc: 535.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



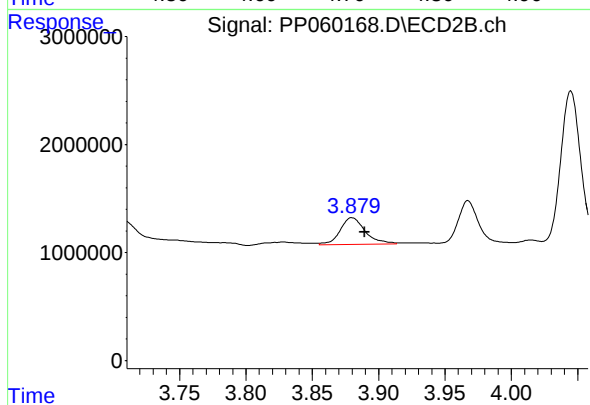
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.013 min
Response: 24255610
Conc: 521.67 ng/ml



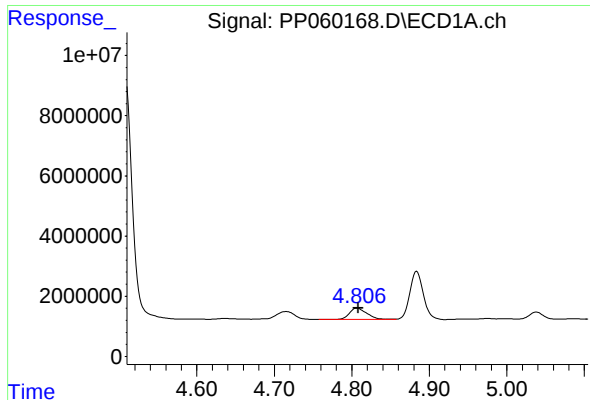
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.005 min
Response: 4208206
Conc: 158.30 ng/ml



#8 AR-1221-1

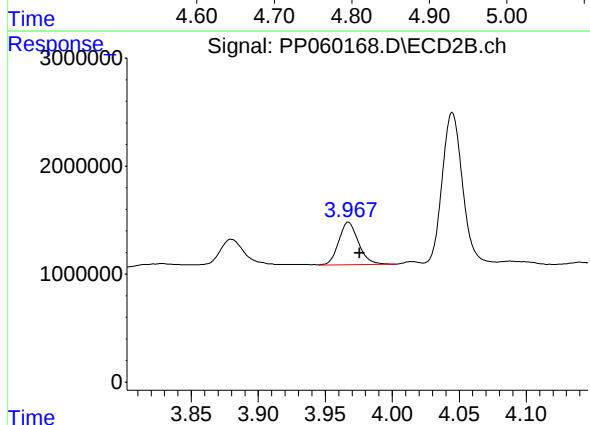
R.T.: 3.880 min
Delta R.T.: -0.010 min
Response: 3241304
Conc: 147.57 ng/ml



#9 AR-1221-2

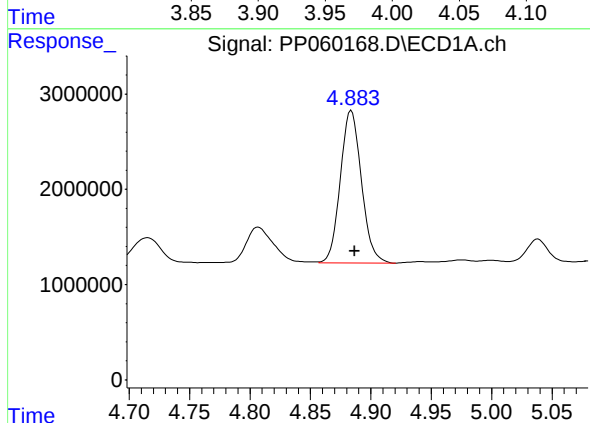
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 5902756
Conc: 299.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



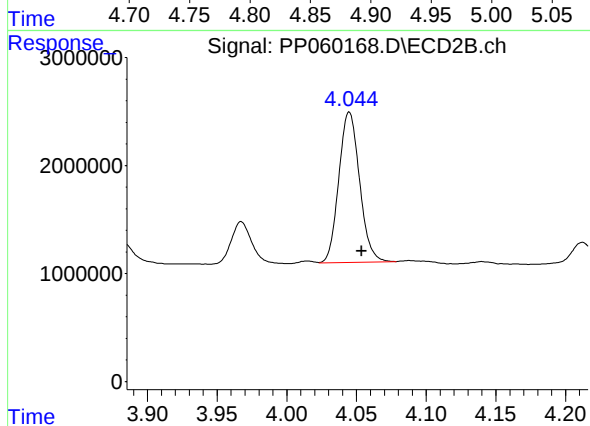
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: -0.008 min
Response: 4006989
Conc: 259.54 ng/ml



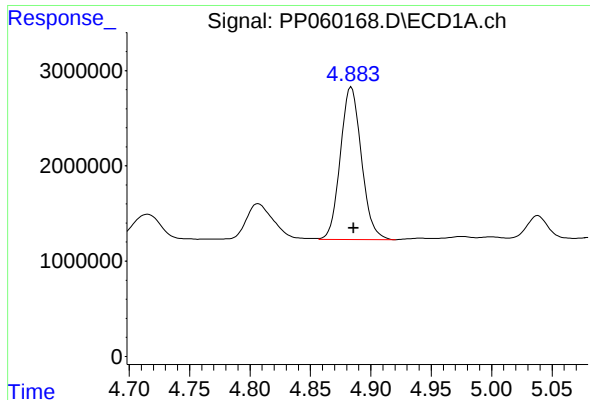
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: -0.003 min
Response: 19489045
Conc: 341.20 ng/ml



#10 AR-1221-3

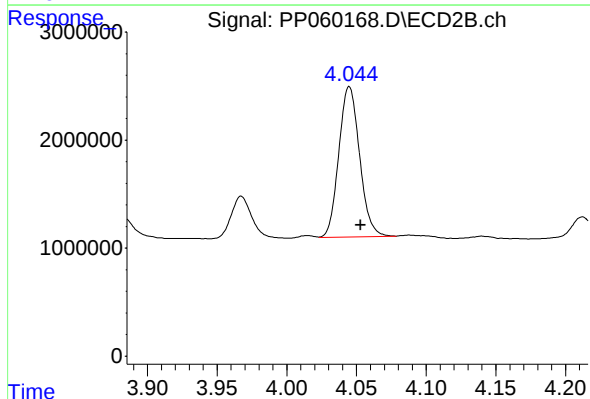
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 14493660
Conc: 309.01 ng/ml



#11 AR-1232-1

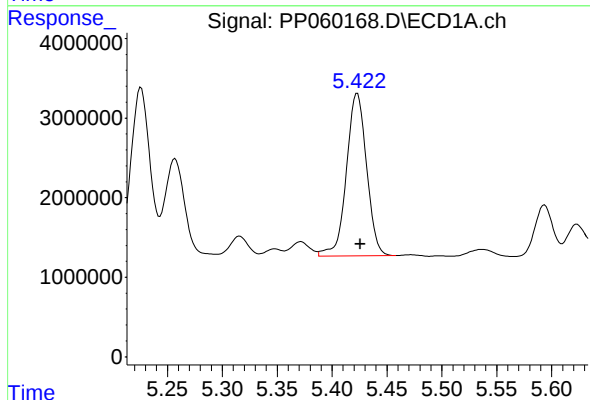
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 19489045
Conc: 417.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



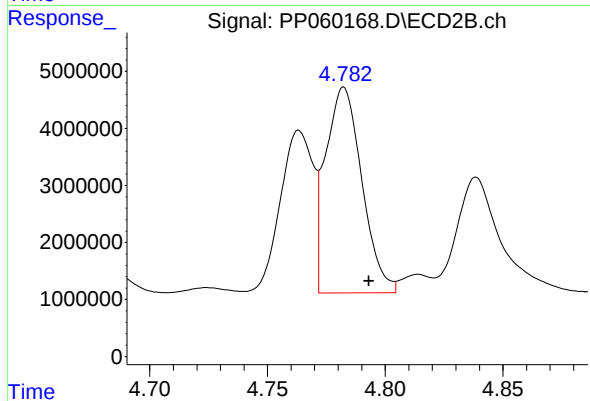
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.008 min
Response: 14493660
Conc: 381.28 ng/ml



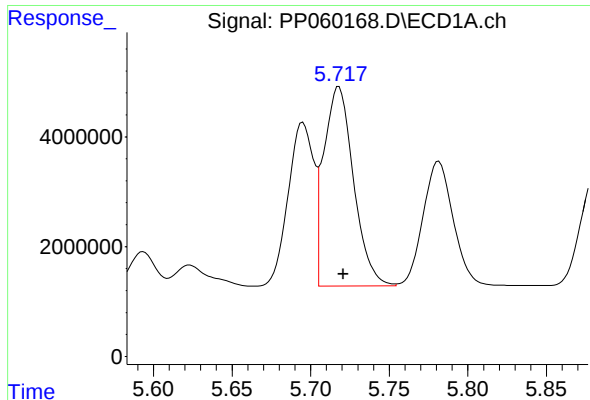
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: -0.003 min
Response: 26152796
Conc: 1029.69 ng/ml



#12 AR-1232-2

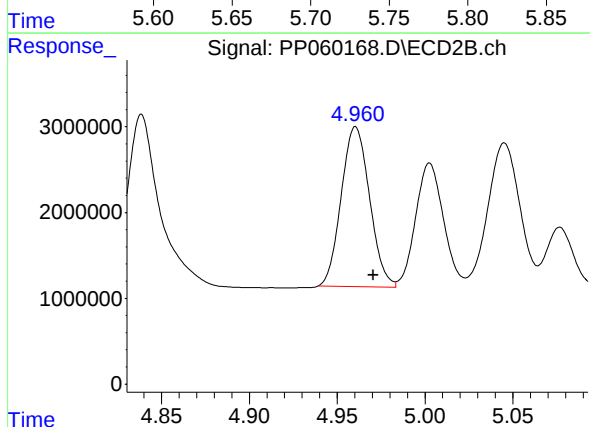
R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 38658553
Conc: 1048.42 ng/ml



#13 AR-1232-3

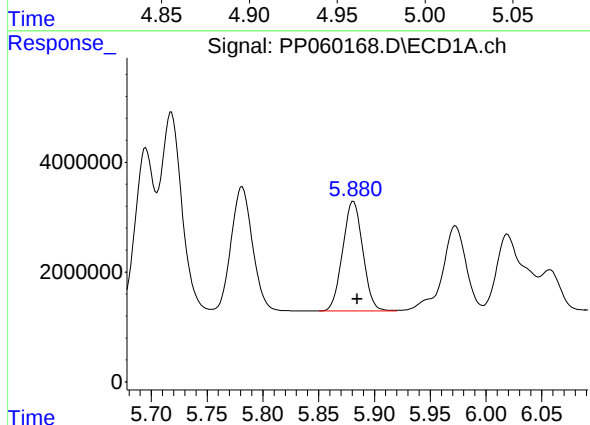
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 47899113
Conc: 1108.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



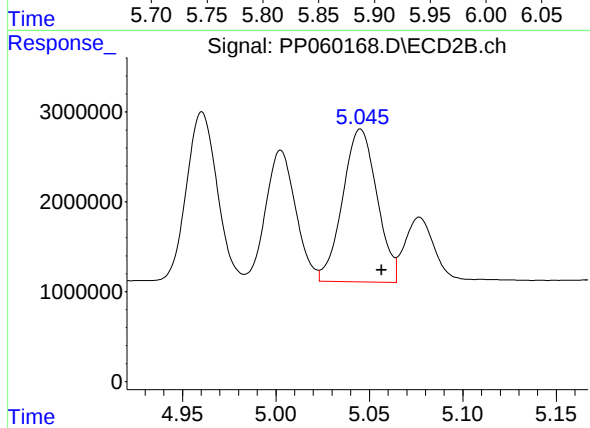
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 20909567
Conc: 1044.25 ng/ml



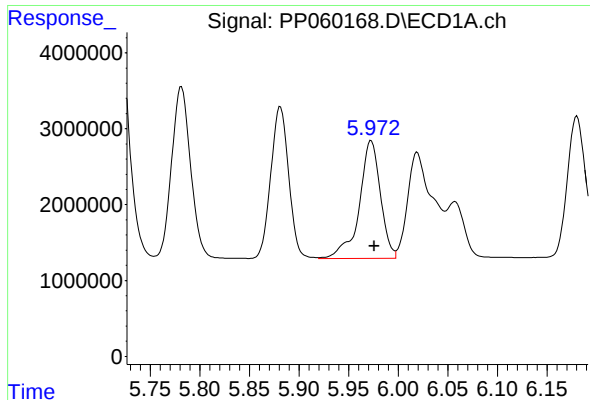
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 25132696
Conc: 1137.08 ng/ml



#14 AR-1232-4

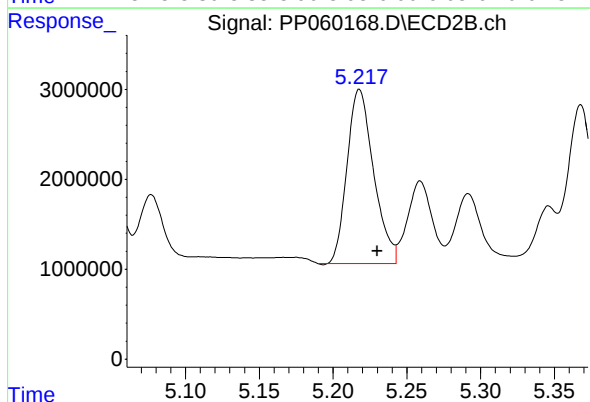
R.T.: 5.045 min
Delta R.T.: -0.011 min
Response: 21742094
Conc: 1190.27 ng/ml



#15 AR-1232-5

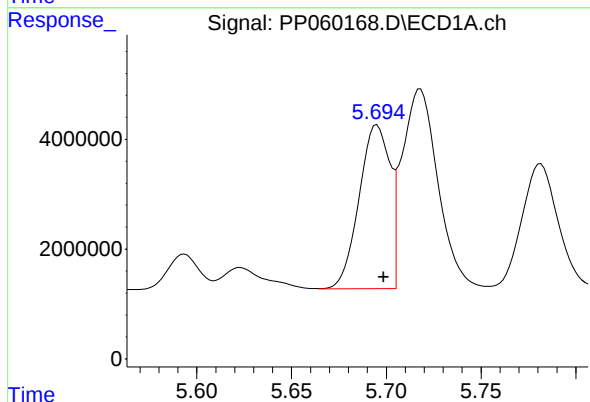
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 23018155
Conc: 1254.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



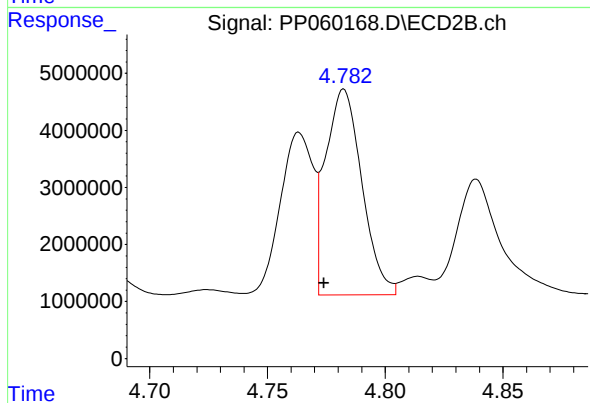
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.012 min
Response: 24255610
Conc: 1209.80 ng/ml



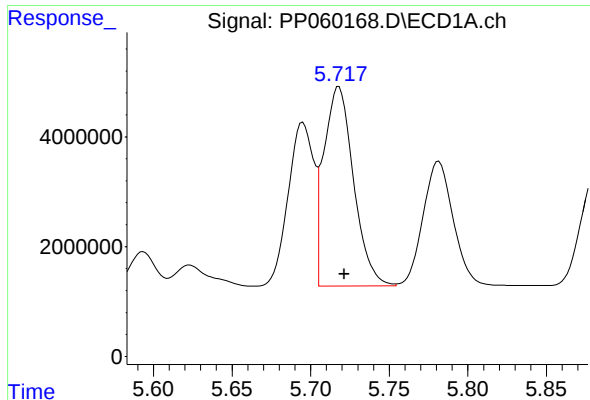
#16 AR-1242-1

R.T.: 5.695 min
Delta R.T.: -0.004 min
Response: 33835163
Conc: 566.51 ng/ml



#16 AR-1242-1

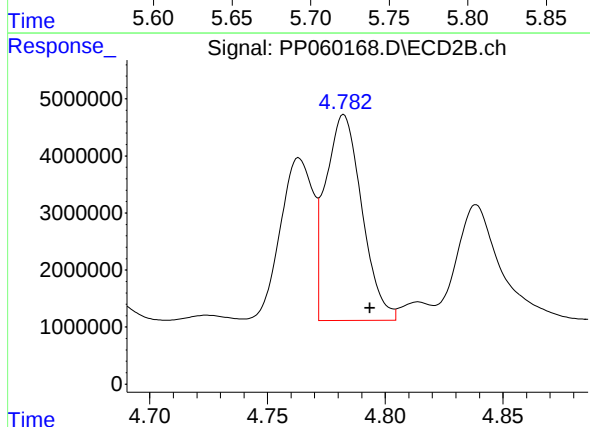
R.T.: 4.782 min
Delta R.T.: 0.008 min
Response: 38658553
Conc: 734.10 ng/ml



#17 AR-1242-2

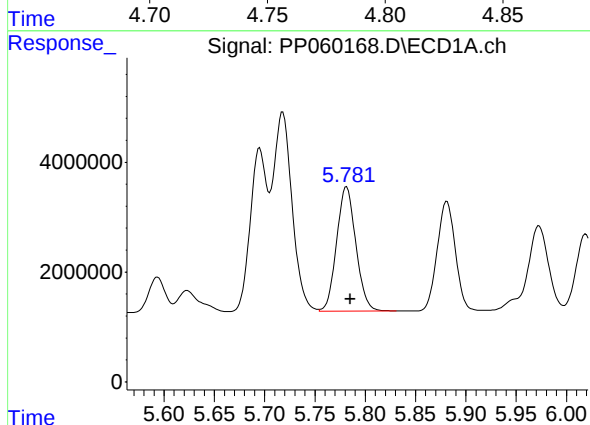
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 47899113
Conc: 569.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



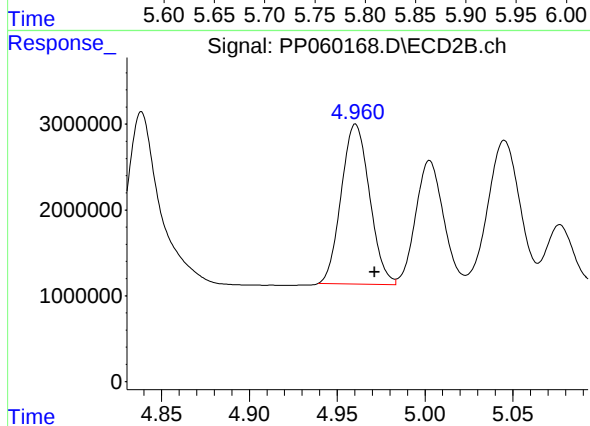
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 38658553
Conc: 536.50 ng/ml



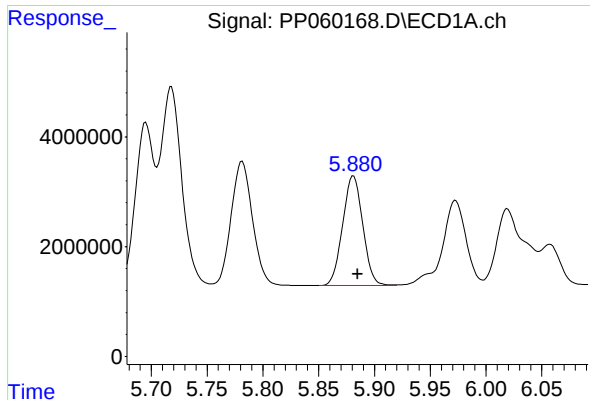
#18 AR-1242-3

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 30265901
Conc: 578.68 ng/ml



#18 AR-1242-3

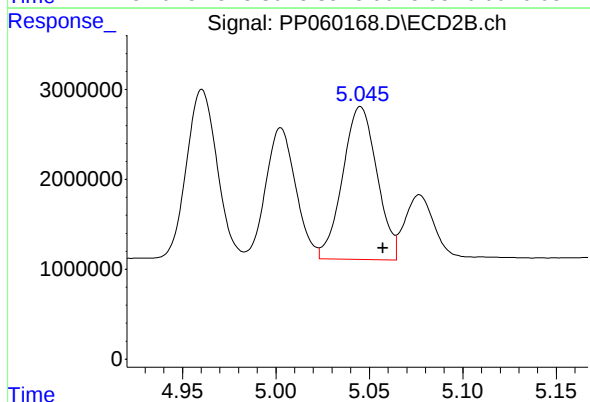
R.T.: 4.960 min
Delta R.T.: -0.011 min
Response: 20909567
Conc: 534.31 ng/ml



#19 AR-1242-4

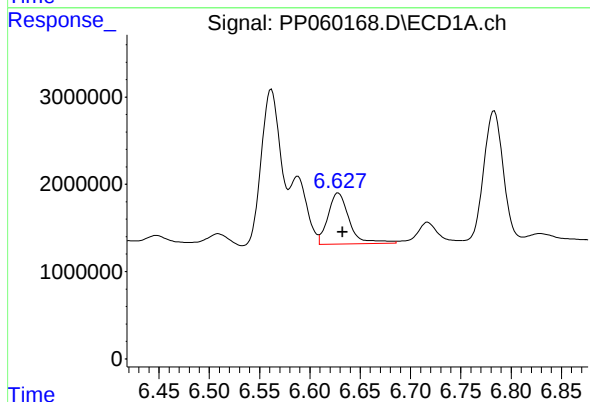
R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 25132696
Conc: 583.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



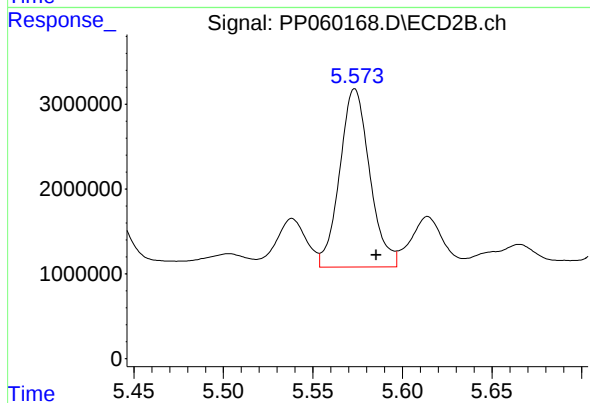
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: -0.012 min
Response: 21742094
Conc: 554.79 ng/ml



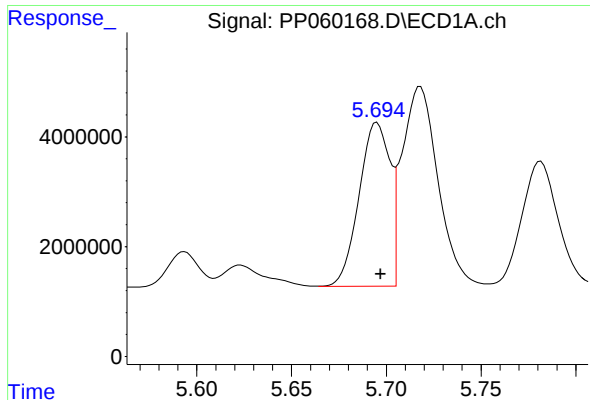
#20 AR-1242-5

R.T.: 6.628 min
Delta R.T.: -0.005 min
Response: 8619342
Conc: 188.53 ng/ml



#20 AR-1242-5

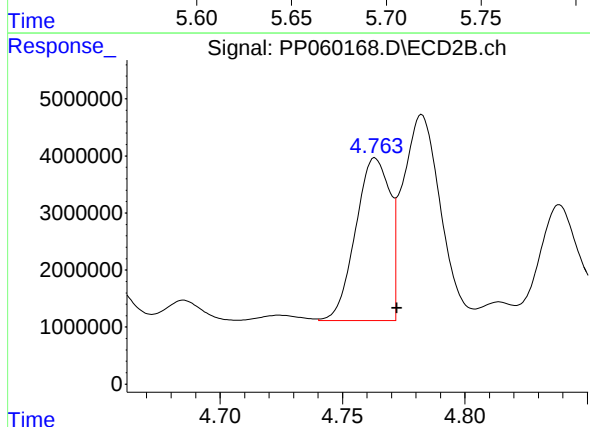
R.T.: 5.573 min
Delta R.T.: -0.012 min
Response: 24547620
Conc: 507.39 ng/ml



#21 AR-1248-1

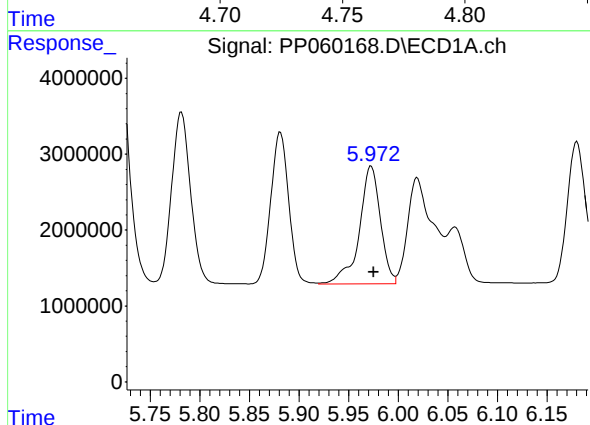
R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 33835163
Conc: 757.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



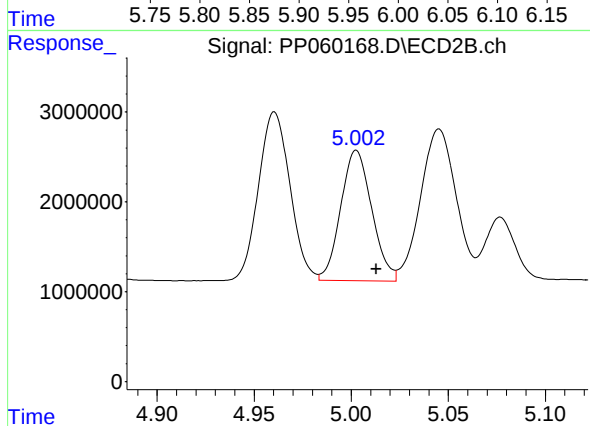
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.009 min
Response: 27705235
Conc: 709.07 ng/ml



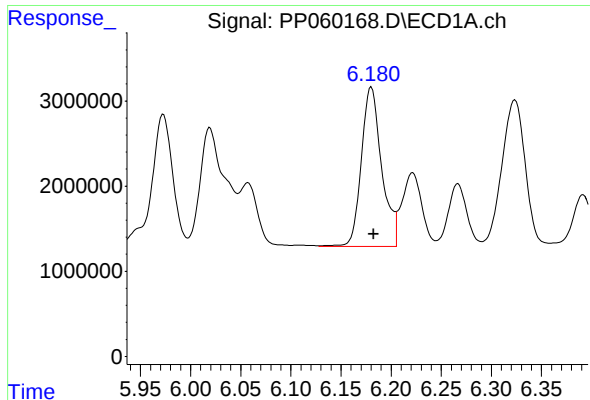
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 23018155
Conc: 355.42 ng/ml



#22 AR-1248-2

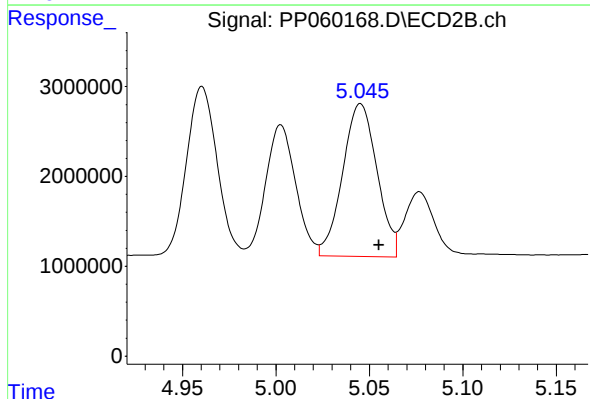
R.T.: 5.003 min
Delta R.T.: -0.010 min
Response: 16149778
Conc: 298.06 ng/ml



#23 AR-1248-3

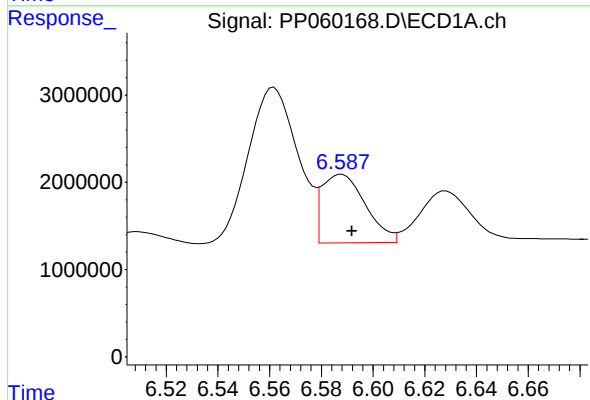
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 26323823
Conc: 371.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



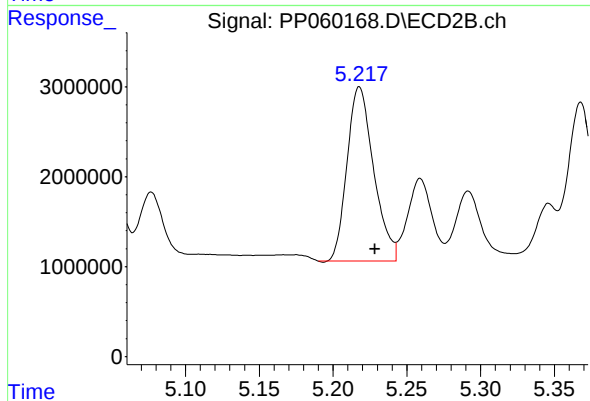
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: -0.010 min
Response: 21742094
Conc: 382.11 ng/ml



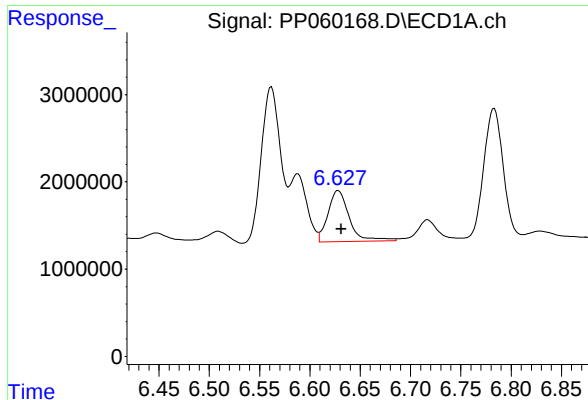
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 9153254
Conc: 118.34 ng/ml



#24 AR-1248-4

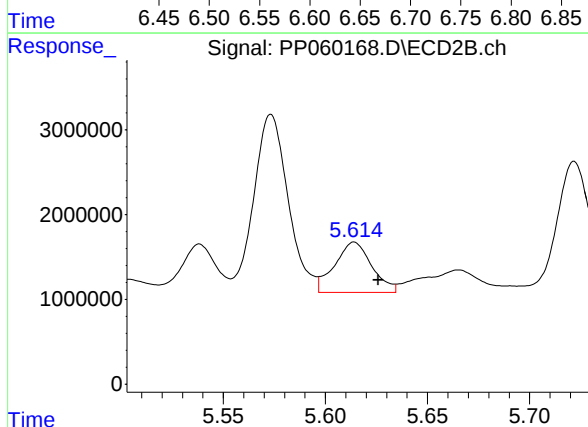
R.T.: 5.218 min
Delta R.T.: -0.011 min
Response: 24255610
Conc: 361.14 ng/ml



#25 AR-1248-5

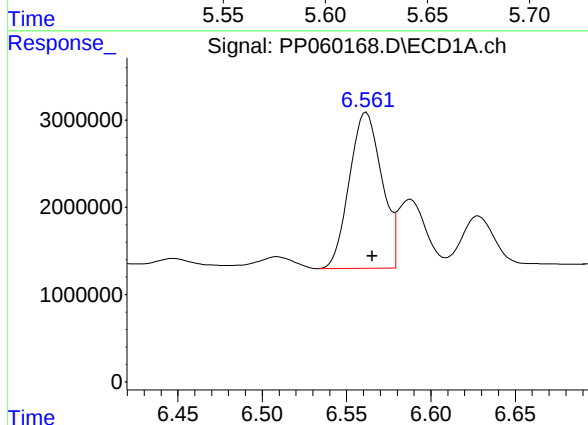
R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 8619342
Conc: 114.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



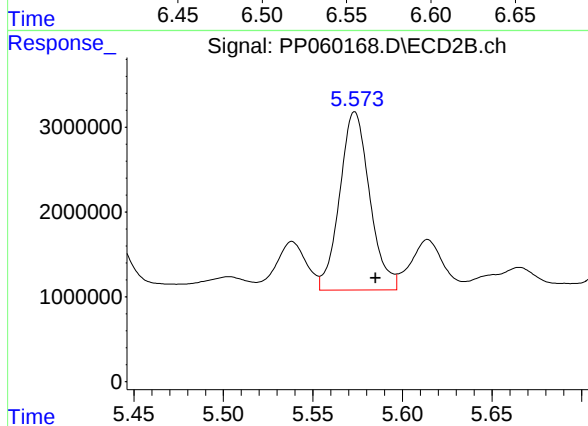
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.012 min
Response: 7495463
Conc: 113.63 ng/ml



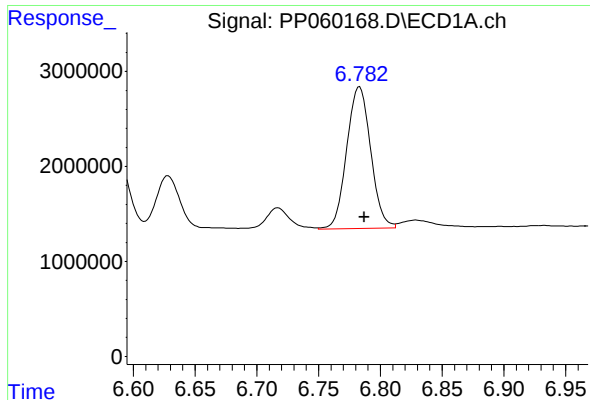
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 23859084
Conc: 298.85 ng/ml



#26 AR-1254-1

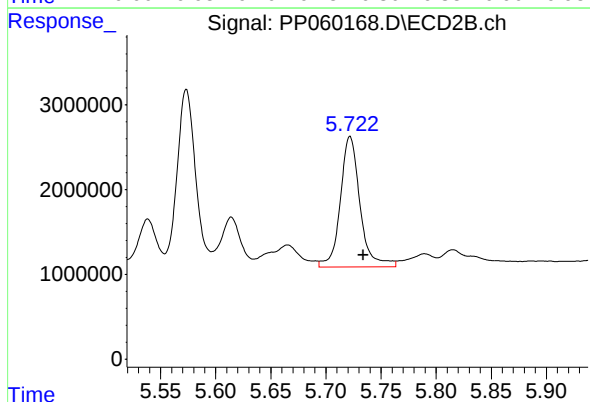
R.T.: 5.573 min
Delta R.T.: -0.012 min
Response: 24547620
Conc: 244.60 ng/ml



#27 AR-1254-2

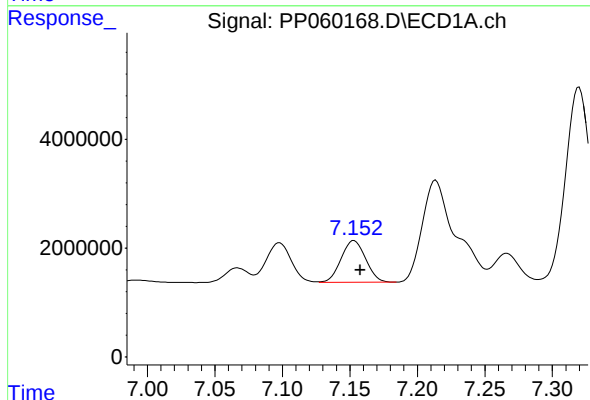
R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 20202760
Conc: 168.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



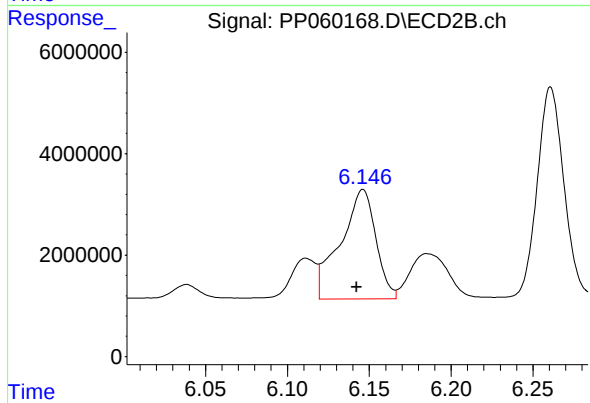
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: -0.012 min
Response: 19124019
Conc: 220.13 ng/ml



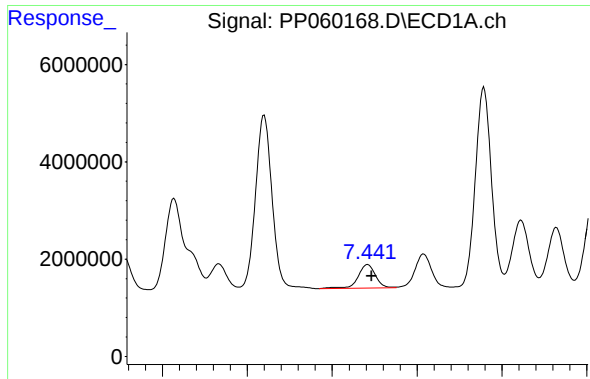
#28 AR-1254-3

R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 9744963
Conc: 80.22 ng/ml



#28 AR-1254-3

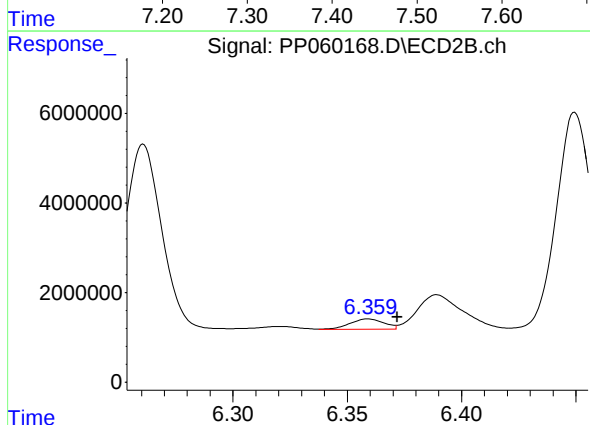
R.T.: 6.146 min
Delta R.T.: 0.004 min
Response: 32601910
Conc: 232.21 ng/ml



#29 AR-1254-4

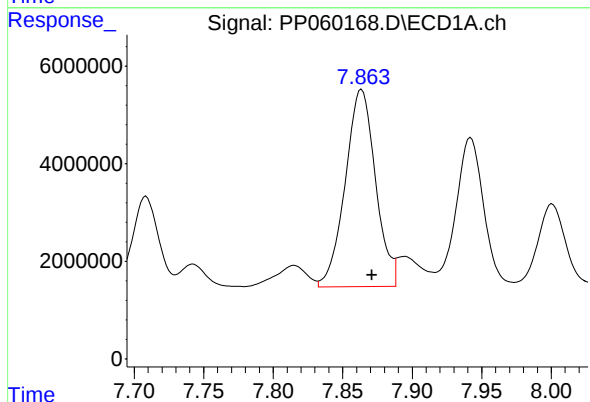
R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 6889360
Conc: 77.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



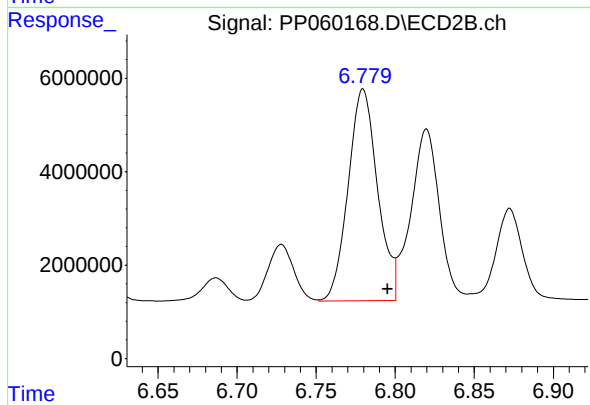
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: -0.013 min
Response: 2432070
Conc: 28.89 ng/ml



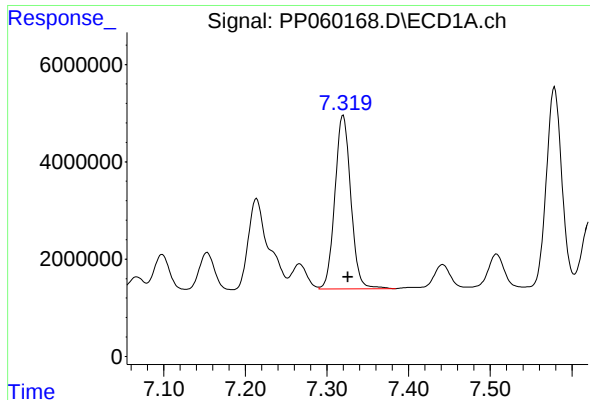
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.007 min
Response: 61204628
Conc: 629.19 ng/ml



#30 AR-1254-5

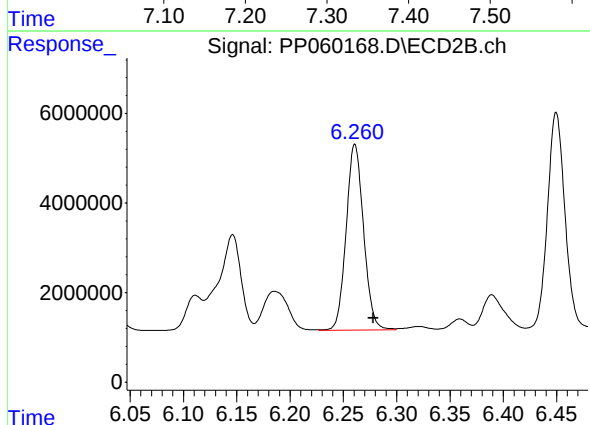
R.T.: 6.780 min
Delta R.T.: -0.016 min
Response: 58586786
Conc: 493.91 ng/ml



#31 AR-1260-1

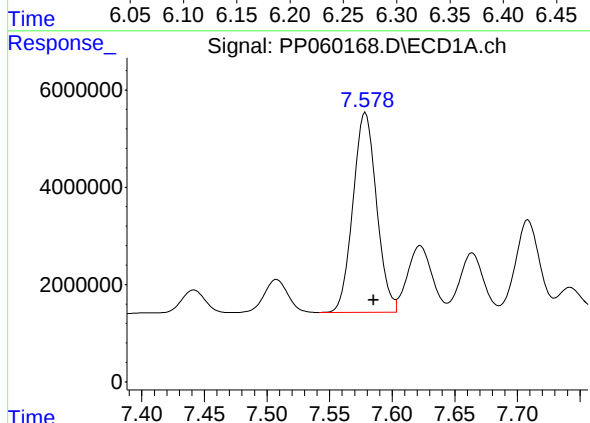
R.T.: 7.320 min
Delta R.T.: -0.006 min
Response: 48378098
Conc: 536.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



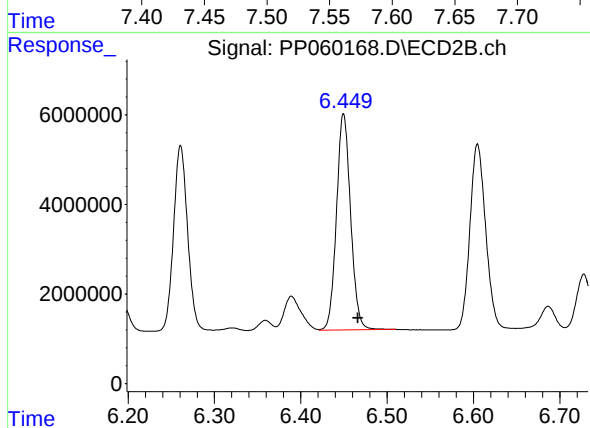
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: -0.017 min
Response: 47339279
Conc: 508.39 ng/ml



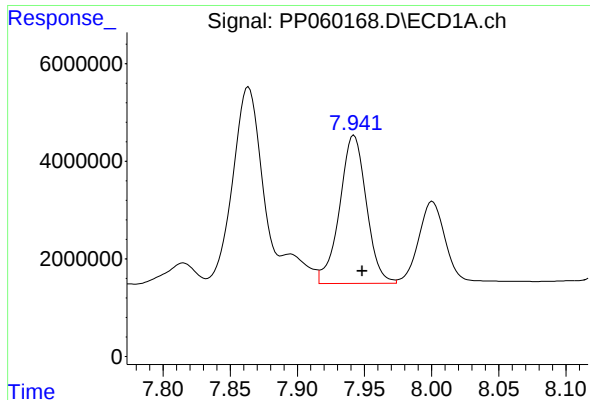
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 53884531
Conc: 525.25 ng/ml



#32 AR-1260-2

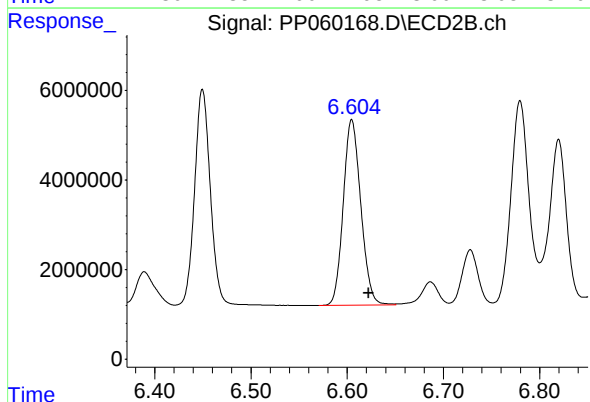
R.T.: 6.450 min
Delta R.T.: -0.017 min
Response: 54907956
Conc: 500.82 ng/ml



#33 AR-1260-3

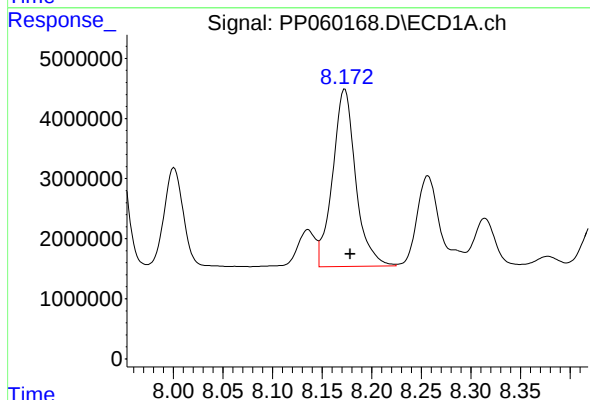
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 42127046
Conc: 534.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



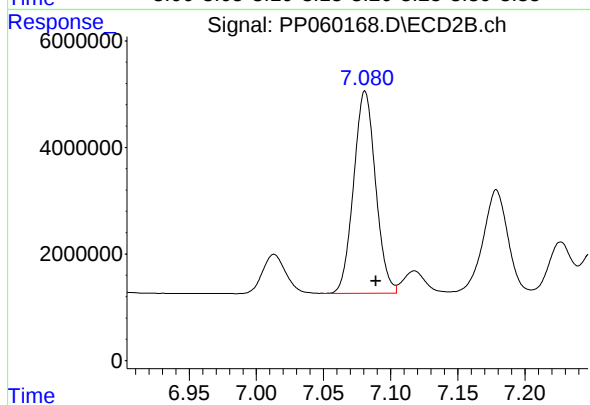
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 52644956
Conc: 511.84 ng/ml



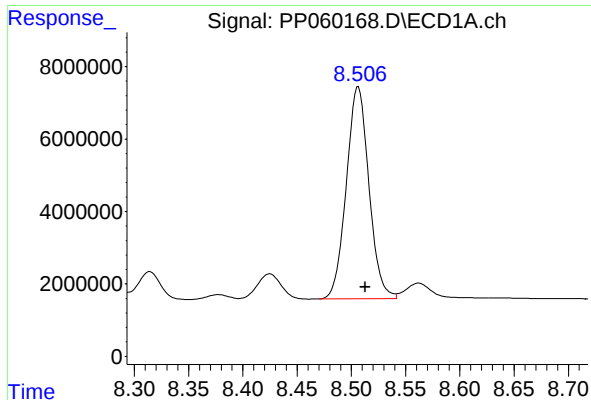
#34 AR-1260-4

R.T.: 8.173 min
Delta R.T.: -0.006 min
Response: 47693217
Conc: 532.17 ng/ml



#34 AR-1260-4

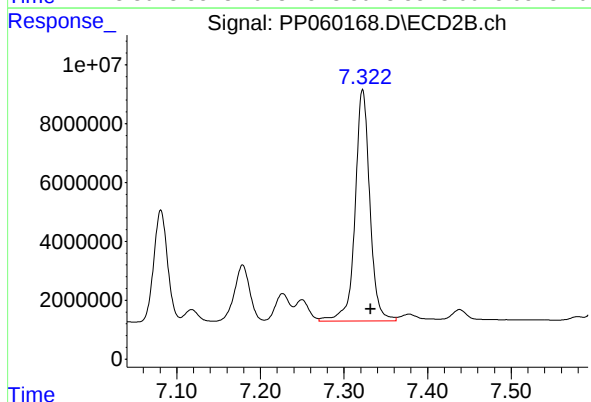
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 43315423
Conc: 520.09 ng/ml



#35 AR-1260-5

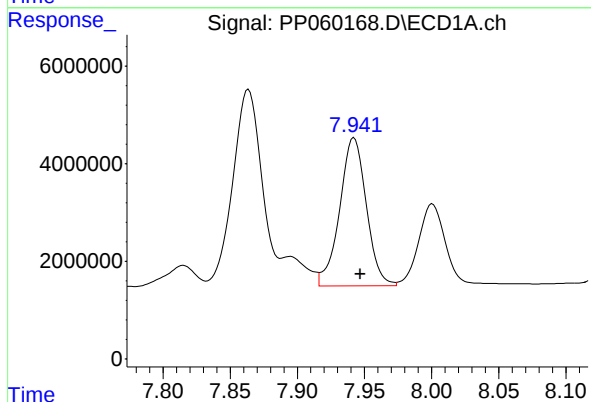
R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 84579990
Conc: 495.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



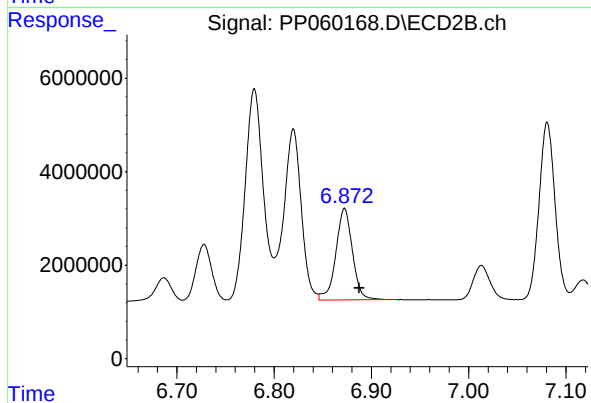
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.010 min
Response: 96636845
Conc: 502.26 ng/ml



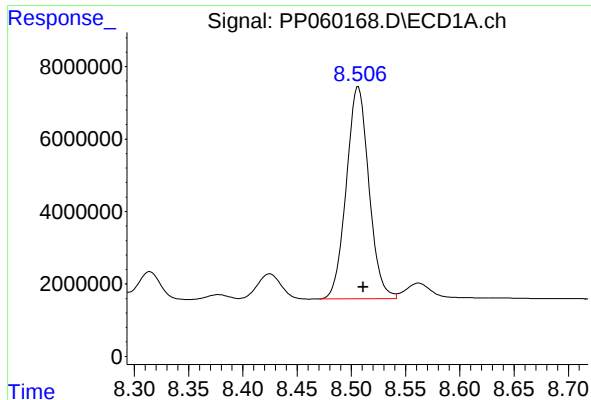
#36 AR-1262-1

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 42127046
Conc: 364.00 ng/ml



#36 AR-1262-1

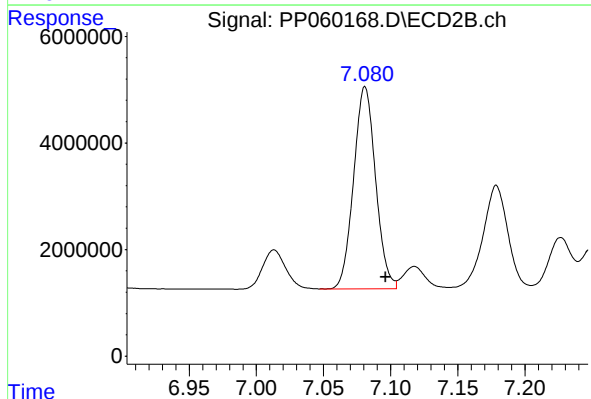
R.T.: 6.872 min
Delta R.T.: -0.015 min
Response: 23269286
Conc: 461.02 ng/ml



#37 AR-1262-2

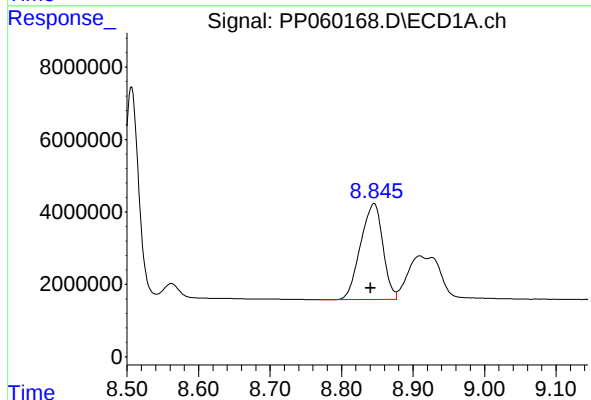
R.T.: 8.506 min
Delta R.T.: -0.004 min
Response: 84579990
Conc: 422.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



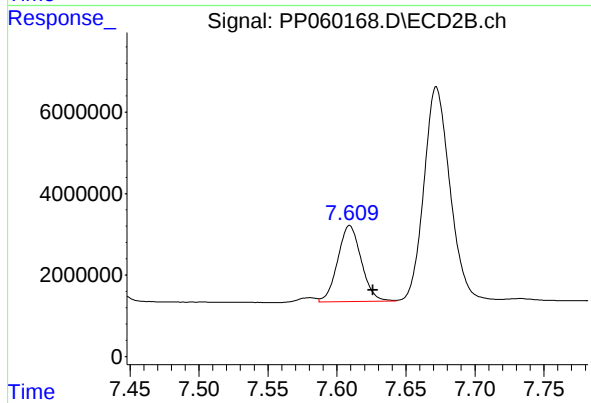
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.015 min
Response: 43315423
Conc: 383.41 ng/ml



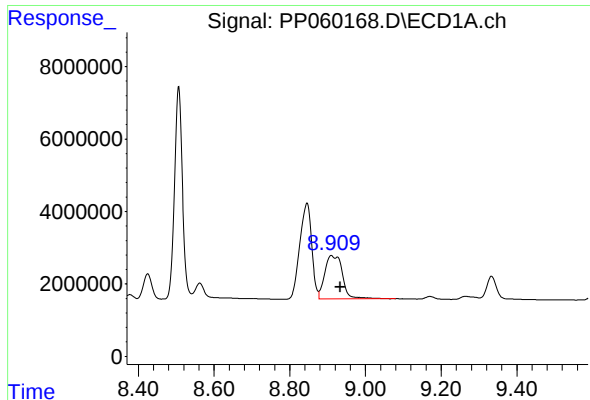
#38 AR-1262-3

R.T.: 8.846 min
Delta R.T.: 0.005 min
Response: 57458509
Conc: 399.01 ng/ml



#38 AR-1262-3

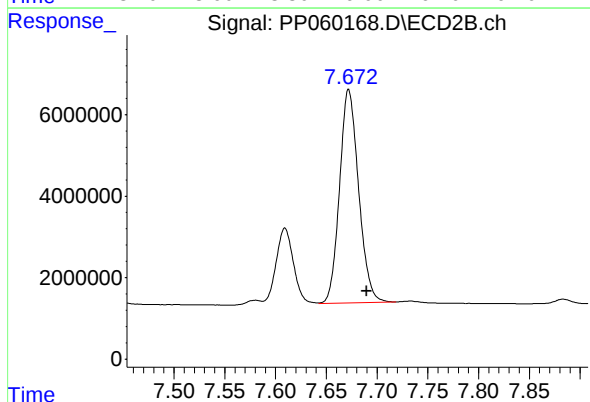
R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 22171185
Conc: 252.94 ng/ml



#39 AR-1262-4

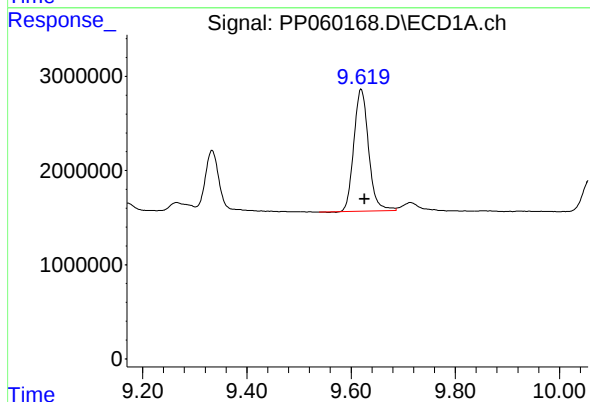
R.T.: 8.910 min
Delta R.T.: -0.024 min
Response: 39055303
Conc: 343.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



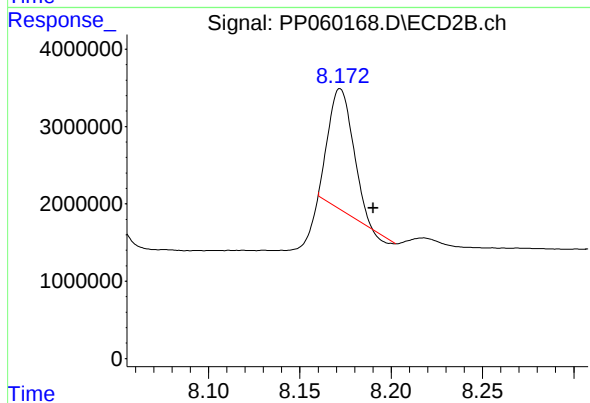
#39 AR-1262-4

R.T.: 7.672 min
Delta R.T.: -0.018 min
Response: 68391501
Conc: 418.79 ng/ml



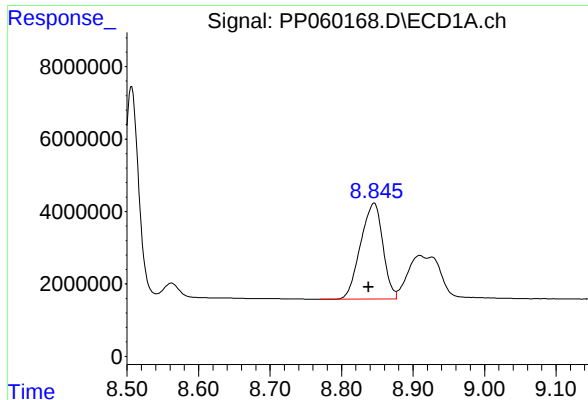
#40 AR-1262-5

R.T.: 9.619 min
Delta R.T.: -0.006 min
Response: 25469756
Conc: 341.40 ng/ml



#40 AR-1262-5

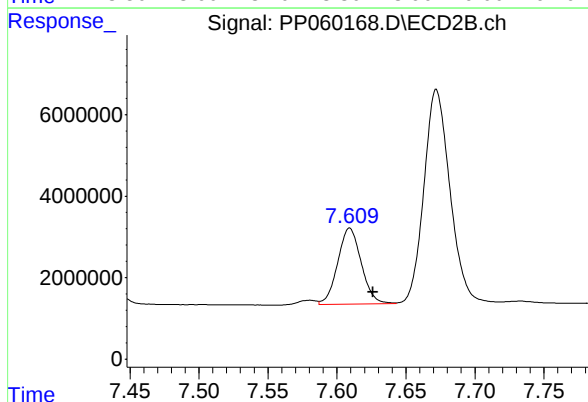
R.T.: 8.172 min
Delta R.T.: -0.018 min
Response: 14458584
Conc: 193.70 ng/ml



#41 AR-1268-1

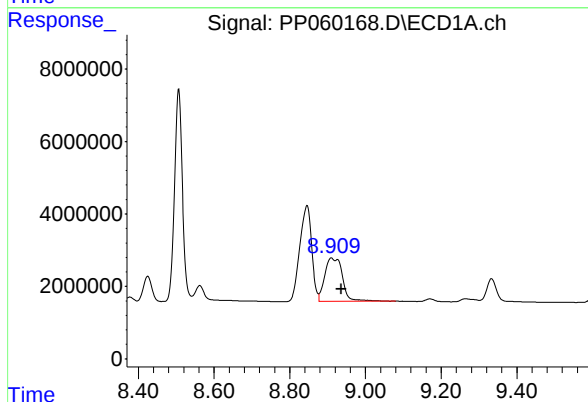
R.T.: 8.846 min
Delta R.T.: 0.008 min
Response: 57458509
Conc: 229.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



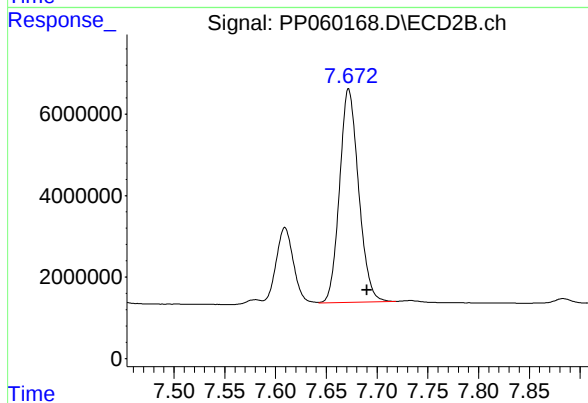
#41 AR-1268-1

R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 22171185
Conc: 85.16 ng/ml



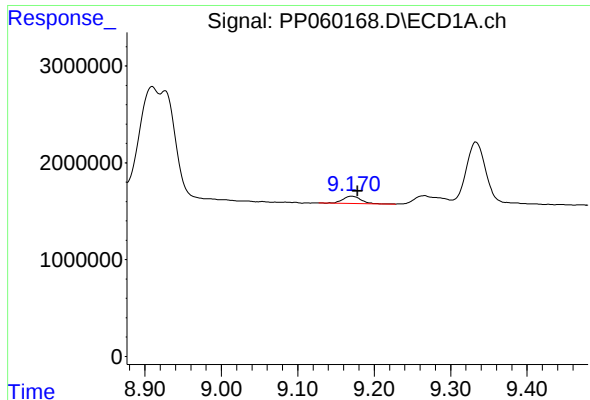
#42 AR-1268-2

R.T.: 8.910 min
Delta R.T.: -0.026 min
Response: 39055303
Conc: 170.17 ng/ml



#42 AR-1268-2

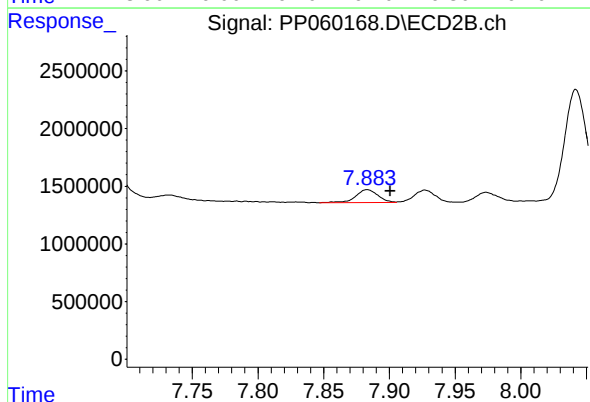
R.T.: 7.672 min
Delta R.T.: -0.018 min
Response: 68391501
Conc: 295.82 ng/ml



#43 AR-1268-3

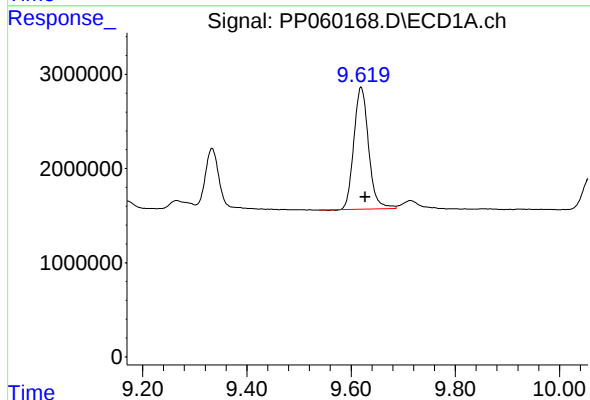
R.T.: 9.170 min
Delta R.T.: -0.008 min
Response: 1208289
Conc: 6.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



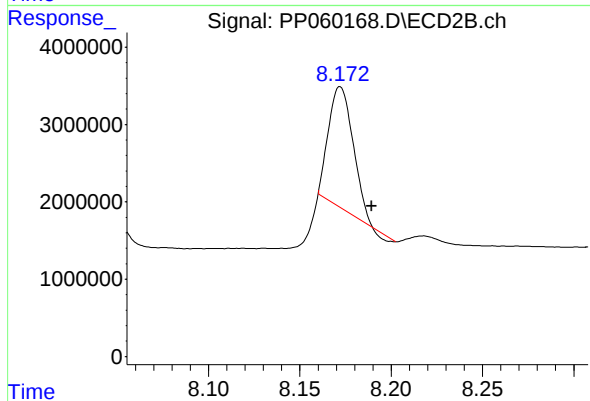
#43 AR-1268-3

R.T.: 7.883 min
Delta R.T.: -0.018 min
Response: 1328938
Conc: 6.51 ng/ml



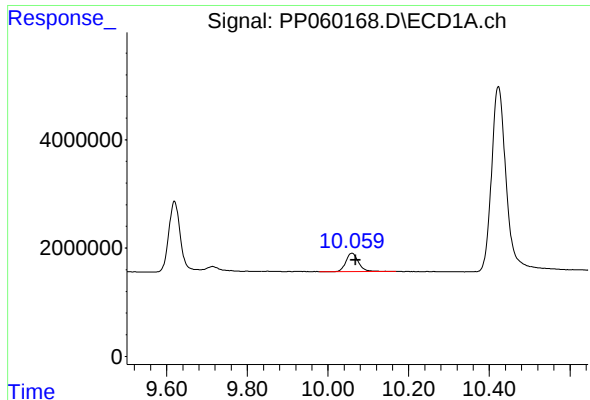
#44 AR-1268-4

R.T.: 9.619 min
Delta R.T.: -0.007 min
Response: 25469756
Conc: 307.51 ng/ml



#44 AR-1268-4

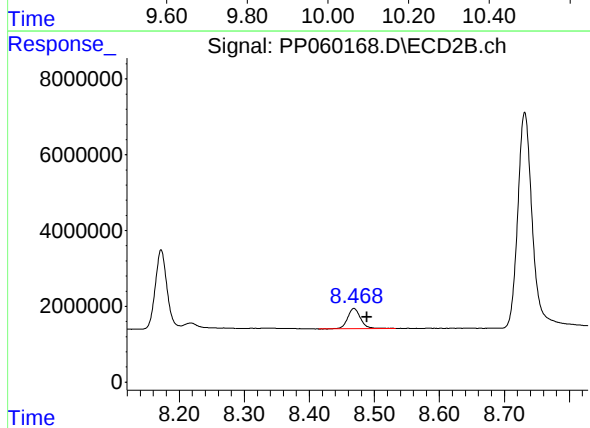
R.T.: 8.172 min
Delta R.T.: -0.017 min
Response: 14458584
Conc: 179.07 ng/ml



#45 AR-1268-5

R.T.: 10.059 min
Delta R.T.: -0.009 min
Response: 7291554
Conc: 12.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: -0.020 min
Response: 7579389
Conc: 12.00 ng/ml