

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103123\
 Data File : PP061410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 17:45
 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: Nov 01 01:19:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 27 18:44:48 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...	4.568	3.701	135.7E6	83075291	54.954	55.588
2)	SA Decachlor...	10.557	8.777	83926976	66227582	44.507	43.126
Target Compounds							
3)	L1 AR-1016-1	5.762	4.801	44395808	27526886	545.546	531.875
4)	L1 AR-1016-2	5.785	4.821	63222523	38087405	543.679	538.526
5)	L1 AR-1016-3	5.849	4.999	37894293	21323824	535.862	540.505
6)	L1 AR-1016-4	5.949	5.042	31833507	15733395	545.361	500.164
7)	L1 AR-1016-5	6.250	5.258	31767800	22100163	553.353	525.715
8)	L2 AR-1221-1	4.776	3.916	4633135	3334653	155.981	170.536
9)	L2 AR-1221-2	4.869	4.004	6701252	4610338	300.907	323.757
10)	L2 AR-1221-3	4.947	4.081	23437253	15551759	361.719	383.133
11)	L3 AR-1232-1	4.947	4.081	23437253	15551759	439.107	460.542
12)	L3 AR-1232-2	5.489	4.821	34078789	38087405	1151.866	1191.704
13)	L3 AR-1232-3	5.785	4.999	63222523	21323824	1268.127	1209.346
14)	L3 AR-1232-4	5.949	5.084	31833507	20729775	1262.041	1300.203
15)	L3 AR-1232-5	6.042	5.258	28210866	22100163	1306.320	1224.009
16)	L4 AR-1242-1	5.762	4.801	44395808	27526886	678.665	651.036
17)	L4 AR-1242-2	5.785	4.821	63222523	38087405	682.246	669.957
18)	L4 AR-1242-3	5.849	4.999	37894293	21323824	663.914	664.402
19)	L4 AR-1242-4	5.949	5.084	31833507	20729775	654.830	644.534
20)	L4 AR-1242-5	6.699	5.614	9236031	19642142	178.557	494.830 #
21)	L5 AR-1248-1	5.762	4.801	44395808	27526886	909.741	885.765
22)	L5 AR-1248-2	6.042	5.042	28210866	15733395	374.355	360.688
23)	L5 AR-1248-3	6.250	5.084	31767800	20729775	380.921	446.032
24)	L5 AR-1248-4	6.659	5.258	7808232	22100163	88.577	396.609 #
25)	L5 AR-1248-5	6.699	5.654	9236031	4903760	108.924	94.245
26)	L6 AR-1254-1	6.633	5.614	27837456	19642142	314.320	249.255
27)	L6 AR-1254-2	6.854	5.762	24360440	16804778	182.643	240.611 #
28)	L6 AR-1254-3	7.226f	6.151	12686110	7212234	91.727	63.573 #
29)	L6 AR-1254-4	7.515f	6.400	10320086	2776142	103.669	39.943 #
30)	L6 AR-1254-5	7.938	6.821	69115558	53702800	628.025	507.541
31)	L7 AR-1260-1	7.393	6.301	54236869	40468820	482.133	497.378
32)	L7 AR-1260-2	7.652	6.491	59281255	46912521	458.228	481.004
33)	L7 AR-1260-3	8.015	6.646	39523079	45168623	465.356	488.052
34)	L7 AR-1260-4	8.250	7.121	48500567	34706218	479.824	473.325
35)	L7 AR-1260-5	8.589	7.364	94119581	78315470	485.948	458.625
36)	L8 AR-1262-1	8.015	6.913	39523079	18782858	297.236	416.725 #
37)	L8 AR-1262-2	8.589f	7.121	94119581	34706218	402.707	346.726
38)	L8 AR-1262-3	0.000	7.649	0	16288739	N.D.	204.672 #
39)	L8 AR-1262-4	8.999	7.713	34848437	54978962	289.262	380.543 #
40)	L8 AR-1262-5	9.731f	8.215	20952426	17487615	257.699	252.997
41)	L9 AR-1268-1	0.000	7.649	0	16288739	N.D.	69.956 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

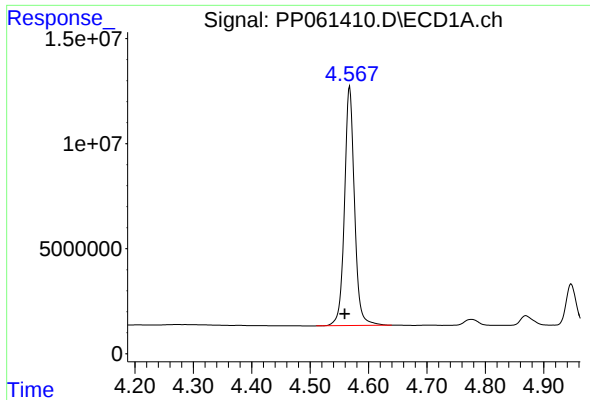
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:19:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
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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	8.999	7.713	34848437	54978962	133.258	261.976 #
43) L9	AR-1268-3	9.270f	7.922	1617113	1324687	7.102	7.210
44) L9	AR-1268-4	9.731f	8.215f	20952426	17487615	231.452	226.231
45) L9	AR-1268-5	10.184f	8.514f	7543975	5898765	10.821	10.398

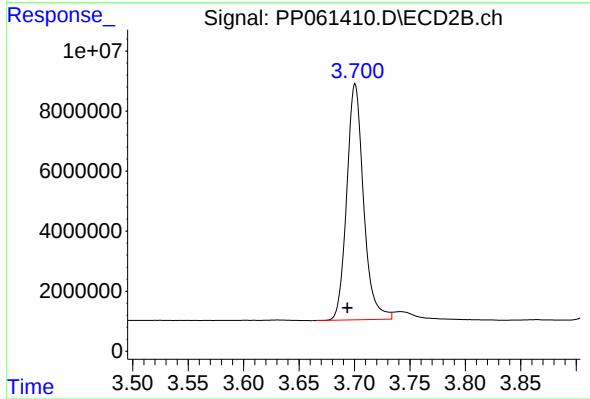
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

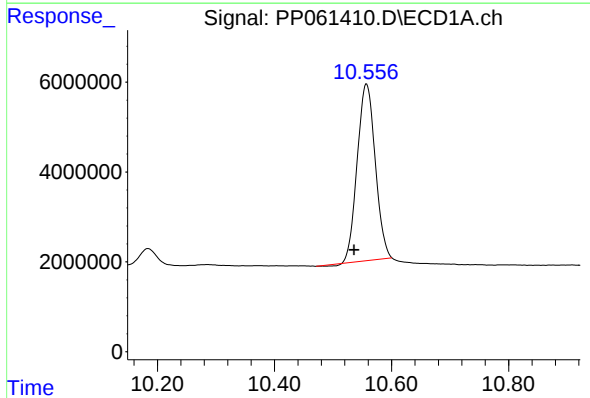
R.T.: 4.568 min
Delta R.T.: 0.009 min
Response: 135746779
Conc: 54.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



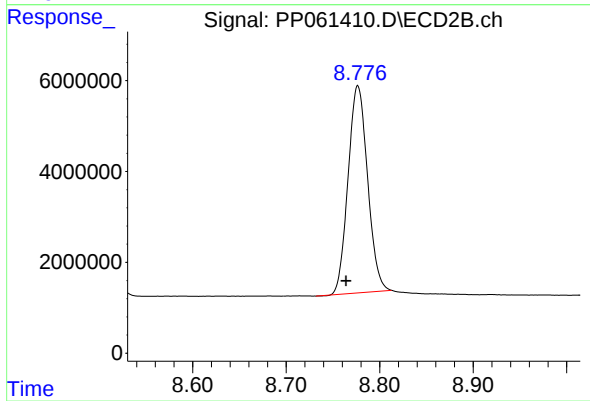
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: 0.007 min
Response: 83075291
Conc: 55.59 ng/ml



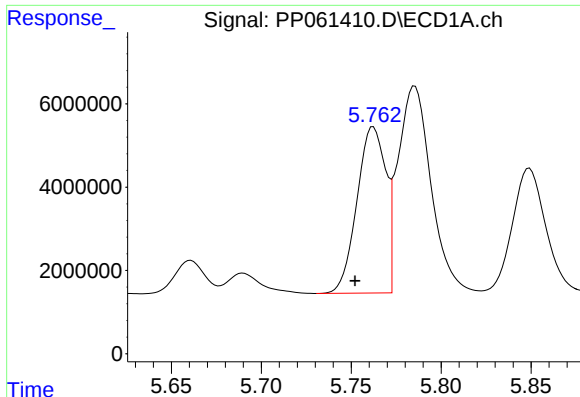
#2 Decachlorobiphenyl

R.T.: 10.557 min
Delta R.T.: 0.021 min
Response: 83926976
Conc: 44.51 ng/ml



#2 Decachlorobiphenyl

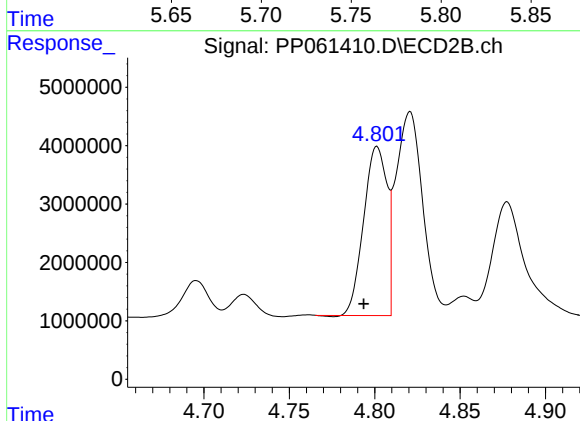
R.T.: 8.777 min
Delta R.T.: 0.012 min
Response: 66227582
Conc: 43.13 ng/ml



#3 AR-1016-1

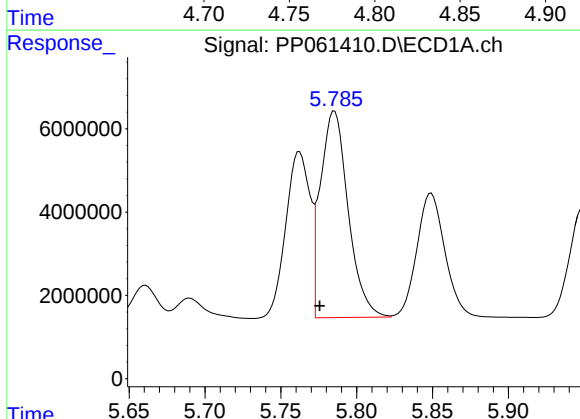
R.T.: 5.762 min
Delta R.T.: 0.010 min
Response: 44395808
Conc: 545.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



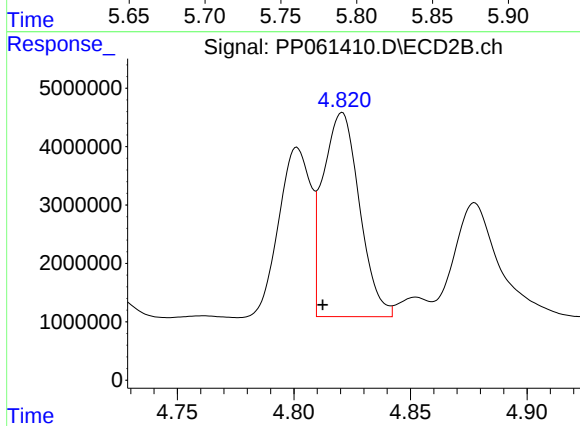
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: 0.008 min
Response: 27526886
Conc: 531.88 ng/ml



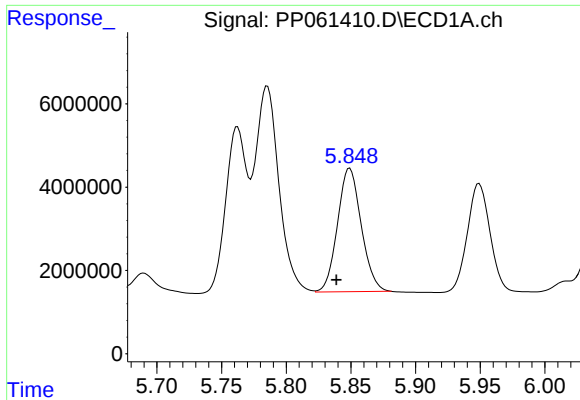
#4 AR-1016-2

R.T.: 5.785 min
Delta R.T.: 0.010 min
Response: 63222523
Conc: 543.68 ng/ml



#4 AR-1016-2

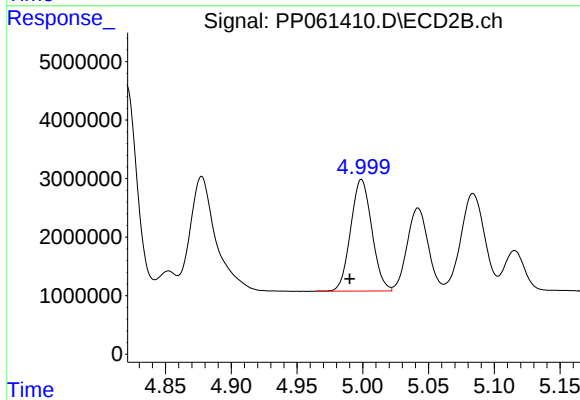
R.T.: 4.821 min
Delta R.T.: 0.008 min
Response: 38087405
Conc: 538.53 ng/ml



#5 AR-1016-3

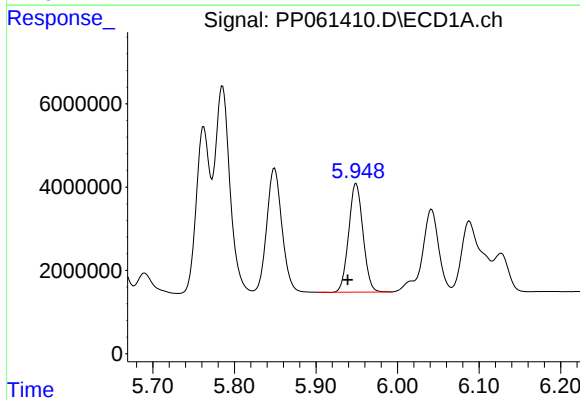
R.T.: 5.849 min
Delta R.T.: 0.010 min
Response: 37894293
Conc: 535.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



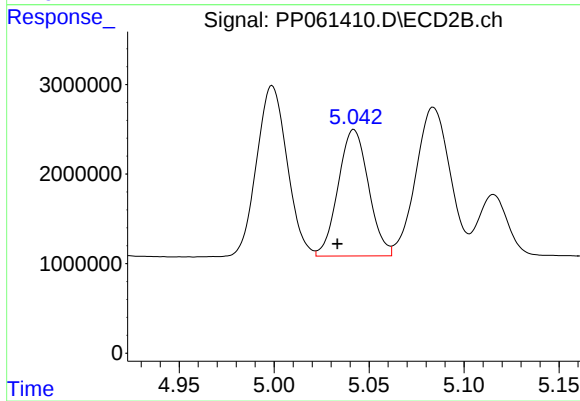
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: 0.009 min
Response: 21323824
Conc: 540.50 ng/ml



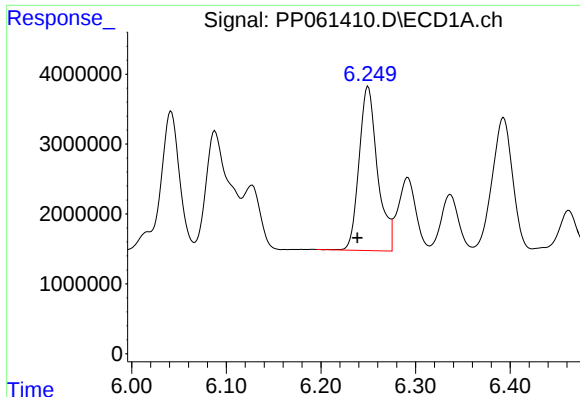
#6 AR-1016-4

R.T.: 5.949 min
Delta R.T.: 0.010 min
Response: 31833507
Conc: 545.36 ng/ml



#6 AR-1016-4

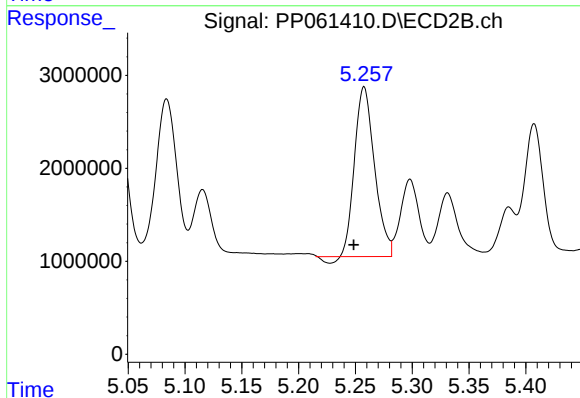
R.T.: 5.042 min
Delta R.T.: 0.009 min
Response: 15733395
Conc: 500.16 ng/ml



#7 AR-1016-5

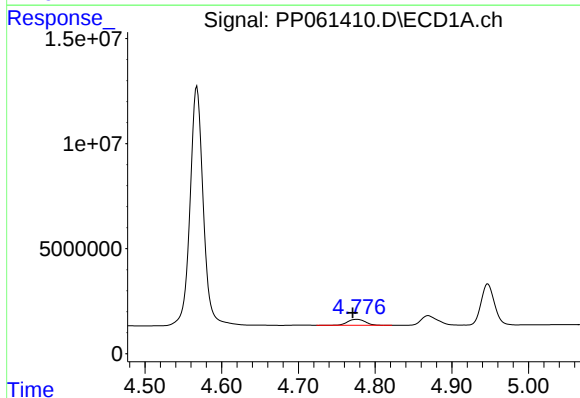
R.T.: 6.250 min
Delta R.T.: 0.011 min
Response: 31767800
Conc: 553.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



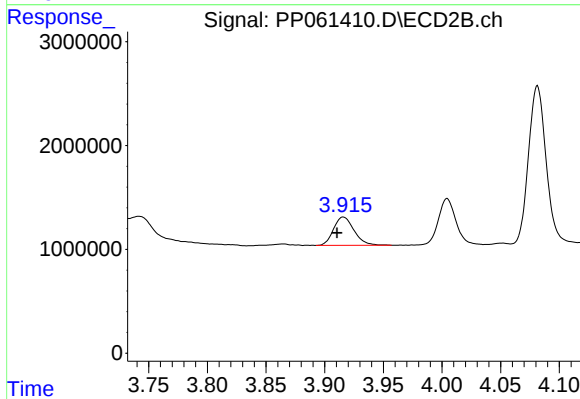
#7 AR-1016-5

R.T.: 5.258 min
Delta R.T.: 0.009 min
Response: 22100163
Conc: 525.71 ng/ml



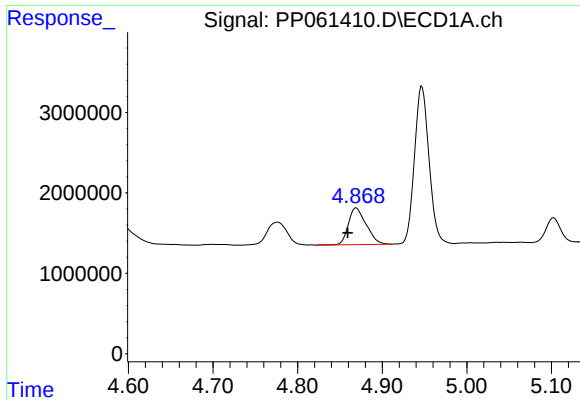
#8 AR-1221-1

R.T.: 4.776 min
Delta R.T.: 0.005 min
Response: 4633135
Conc: 155.98 ng/ml



#8 AR-1221-1

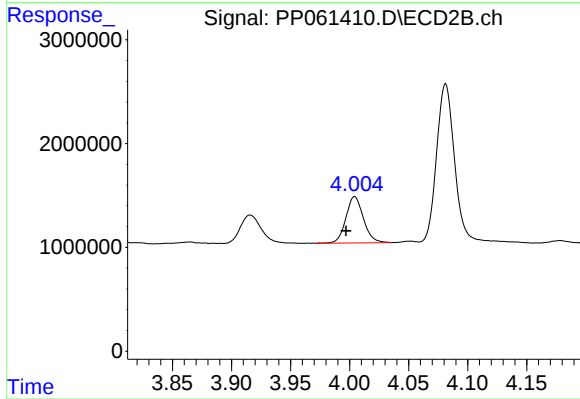
R.T.: 3.916 min
Delta R.T.: 0.005 min
Response: 3334653
Conc: 170.54 ng/ml



#9 AR-1221-2

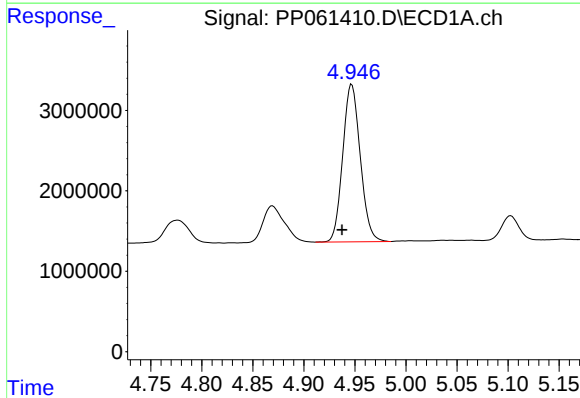
R.T.: 4.869 min
Delta R.T.: 0.010 min
Response: 6701252
Conc: 300.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



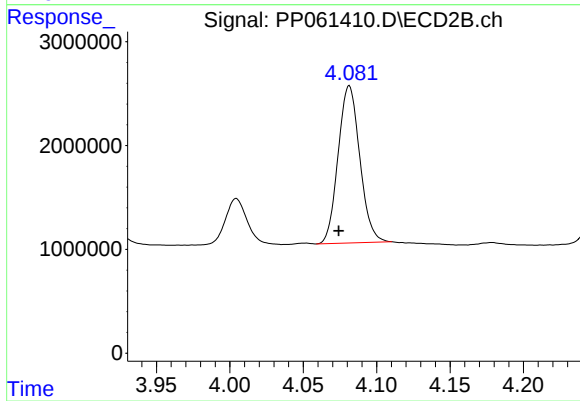
#9 AR-1221-2

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 4610338
Conc: 323.76 ng/ml



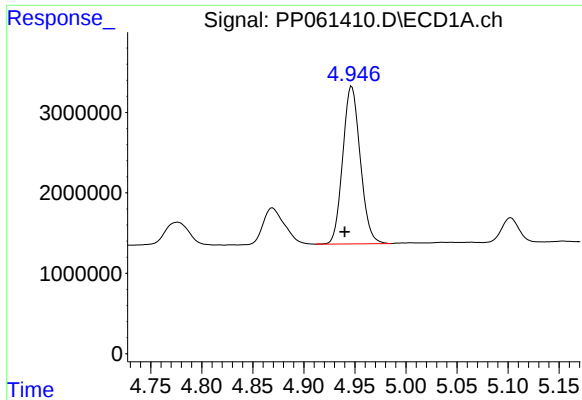
#10 AR-1221-3

R.T.: 4.947 min
Delta R.T.: 0.009 min
Response: 23437253
Conc: 361.72 ng/ml



#10 AR-1221-3

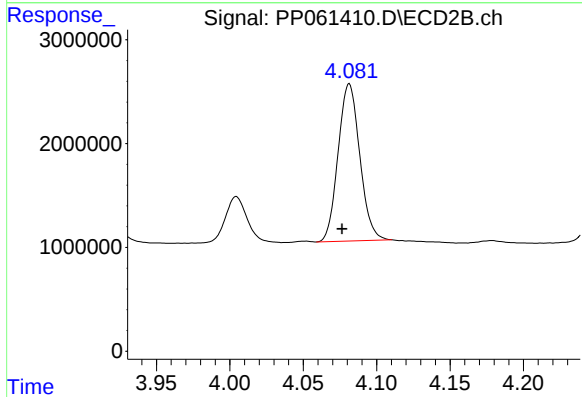
R.T.: 4.081 min
Delta R.T.: 0.007 min
Response: 15551759
Conc: 383.13 ng/ml



#11 AR-1232-1

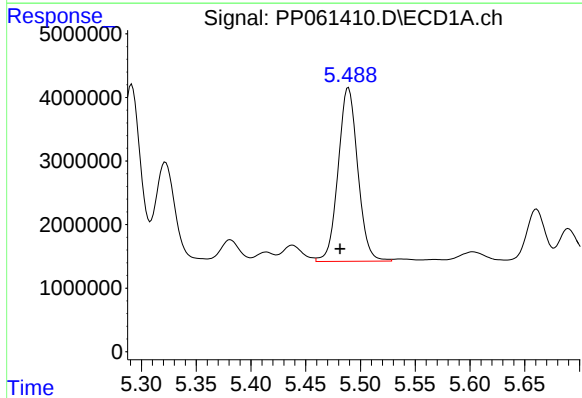
R.T.: 4.947 min
Delta R.T.: 0.007 min
Response: 23437253
Conc: 439.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



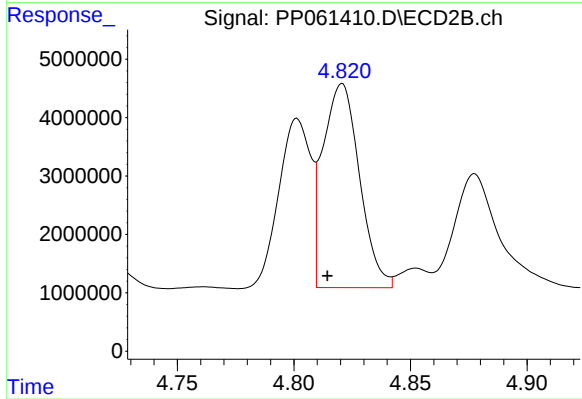
#11 AR-1232-1

R.T.: 4.081 min
Delta R.T.: 0.005 min
Response: 15551759
Conc: 460.54 ng/ml



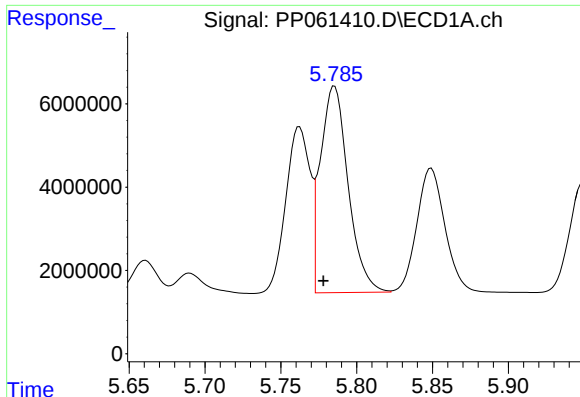
#12 AR-1232-2

R.T.: 5.489 min
Delta R.T.: 0.008 min
Response: 34078789
Conc: 1151.87 ng/ml



#12 AR-1232-2

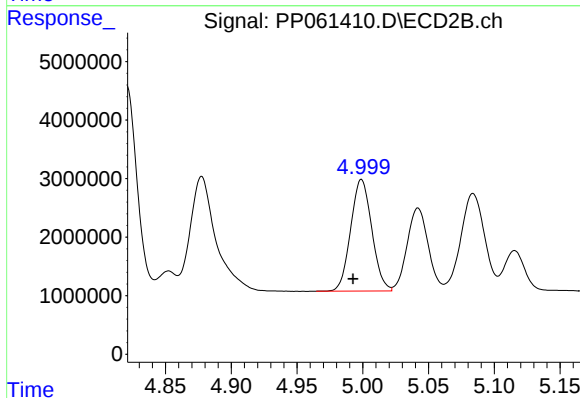
R.T.: 4.821 min
Delta R.T.: 0.006 min
Response: 38087405
Conc: 1191.70 ng/ml



#13 AR-1232-3

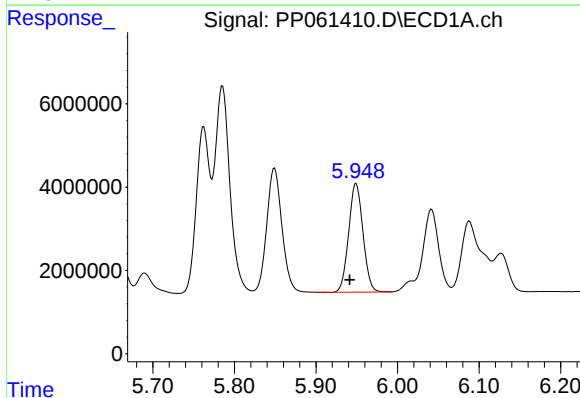
R.T.: 5.785 min
Delta R.T.: 0.007 min
Response: 63222523
Conc: 1268.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



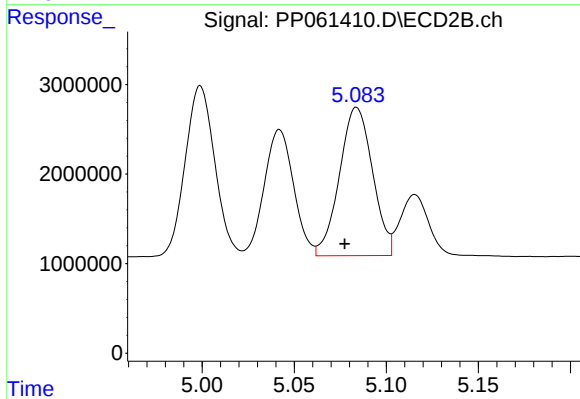
#13 AR-1232-3

R.T.: 4.999 min
Delta R.T.: 0.006 min
Response: 21323824
Conc: 1209.35 ng/ml



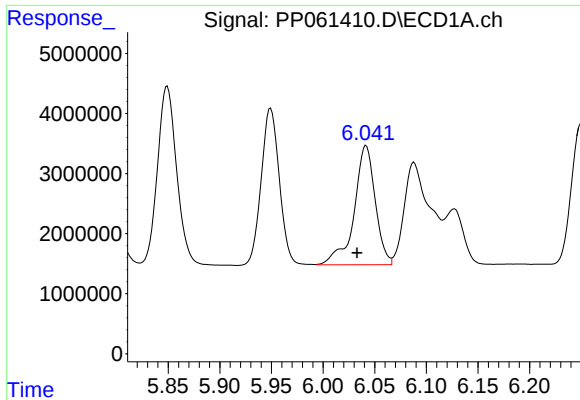
#14 AR-1232-4

R.T.: 5.949 min
Delta R.T.: 0.008 min
Response: 31833507
Conc: 1262.04 ng/ml



#14 AR-1232-4

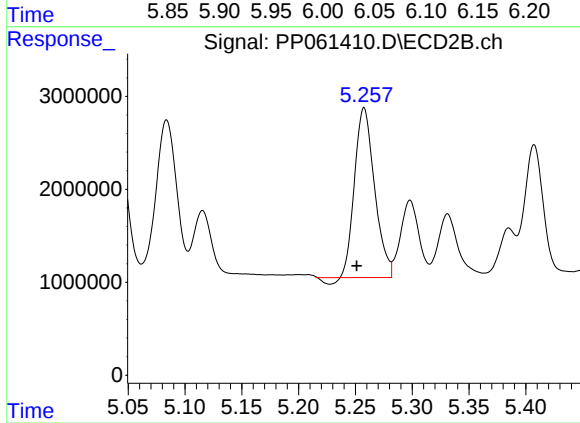
R.T.: 5.084 min
Delta R.T.: 0.007 min
Response: 20729775
Conc: 1300.20 ng/ml



#15 AR-1232-5

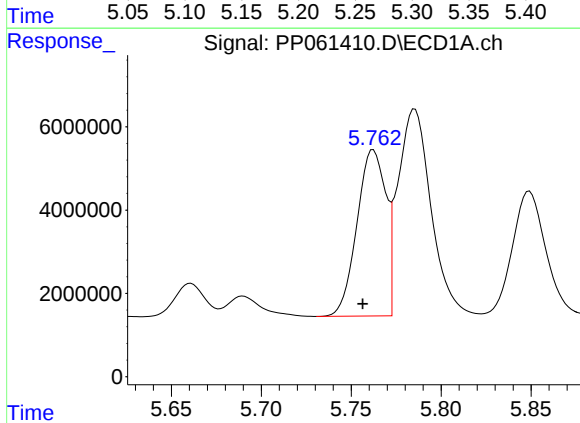
R.T.: 6.042 min
Delta R.T.: 0.009 min
Response: 28210866
Conc: 1306.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



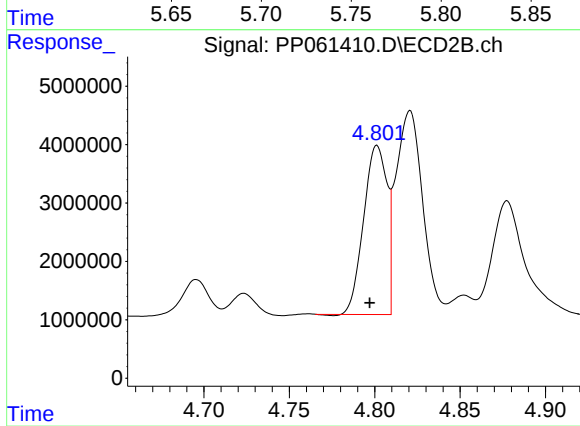
#15 AR-1232-5

R.T.: 5.258 min
Delta R.T.: 0.006 min
Response: 22100163
Conc: 1224.01 ng/ml



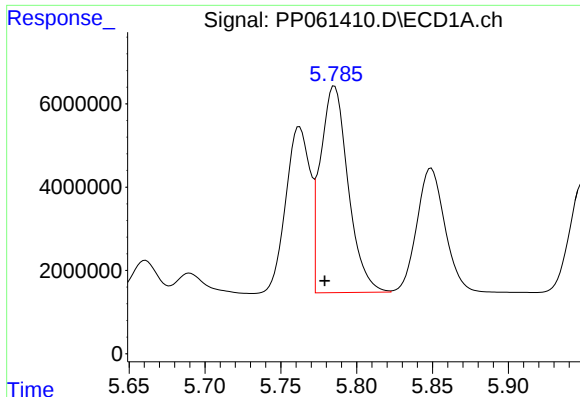
#16 AR-1242-1

R.T.: 5.762 min
Delta R.T.: 0.006 min
Response: 44395808
Conc: 678.67 ng/ml



#16 AR-1242-1

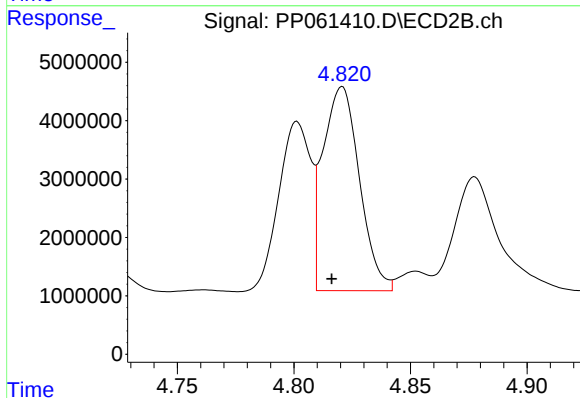
R.T.: 4.801 min
Delta R.T.: 0.004 min
Response: 27526886
Conc: 651.04 ng/ml



#17 AR-1242-2

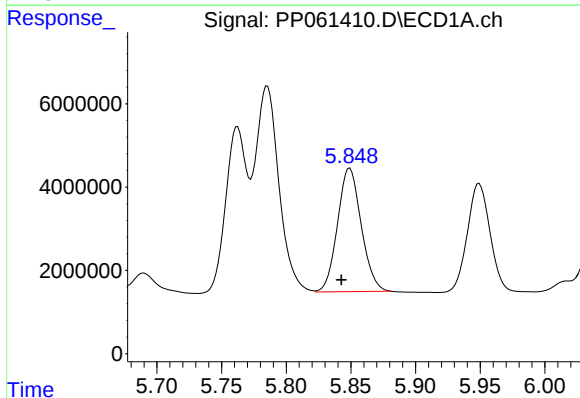
R.T.: 5.785 min
Delta R.T.: 0.007 min
Response: 63222523
Conc: 682.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



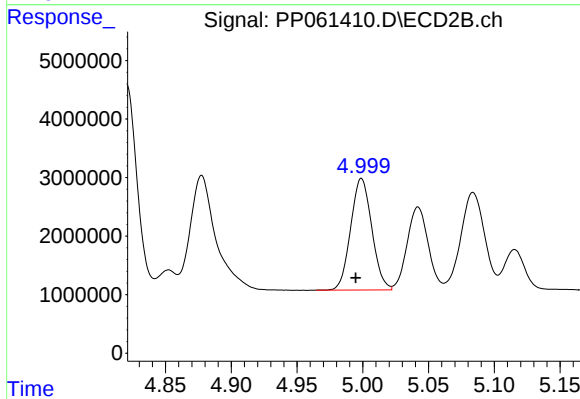
#17 AR-1242-2

R.T.: 4.821 min
Delta R.T.: 0.004 min
Response: 38087405
Conc: 669.96 ng/ml



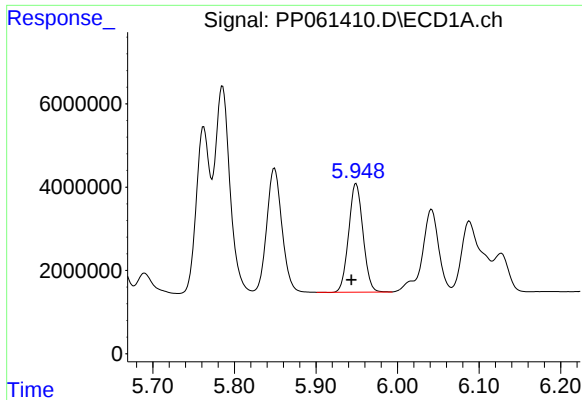
#18 AR-1242-3

R.T.: 5.849 min
Delta R.T.: 0.006 min
Response: 37894293
Conc: 663.91 ng/ml



#18 AR-1242-3

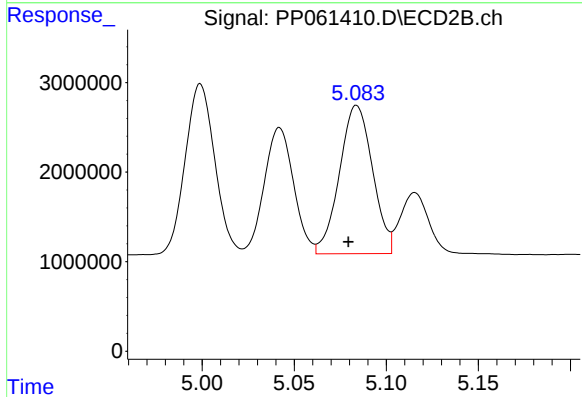
R.T.: 4.999 min
Delta R.T.: 0.004 min
Response: 21323824
Conc: 664.40 ng/ml



#19 AR-1242-4

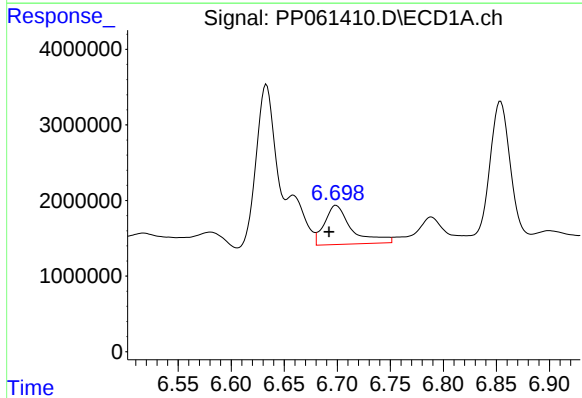
R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 31833507
Conc: 654.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



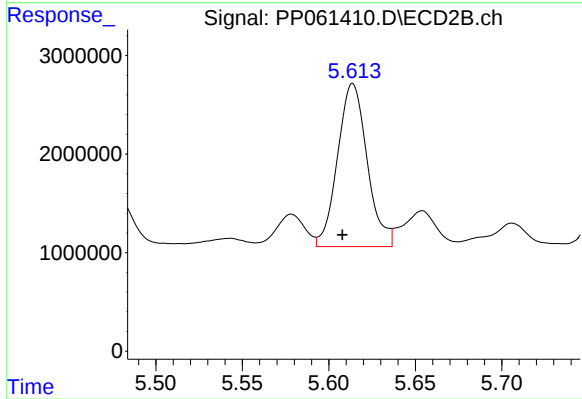
#19 AR-1242-4

R.T.: 5.084 min
Delta R.T.: 0.004 min
Response: 20729775
Conc: 644.53 ng/ml



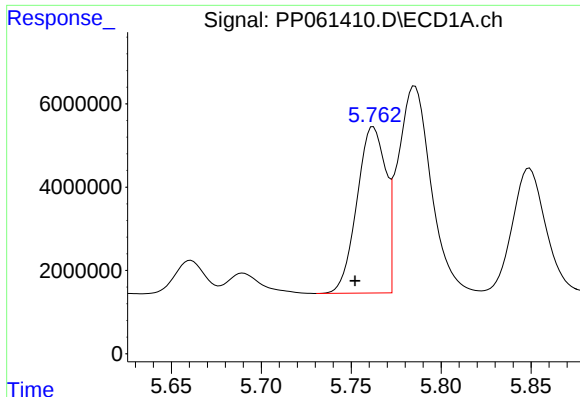
#20 AR-1242-5

R.T.: 6.699 min
Delta R.T.: 0.007 min
Response: 9236031
Conc: 178.56 ng/ml



#20 AR-1242-5

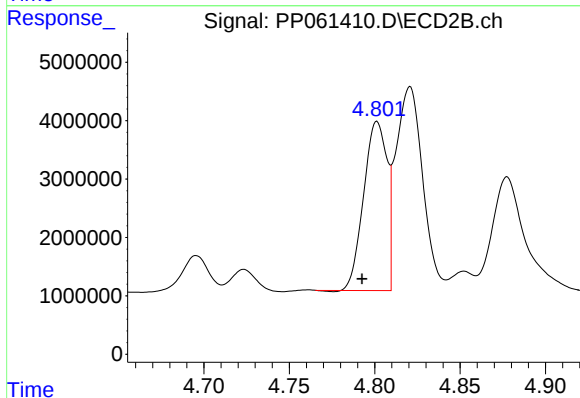
R.T.: 5.614 min
Delta R.T.: 0.006 min
Response: 19642142
Conc: 494.83 ng/ml



#21 AR-1248-1

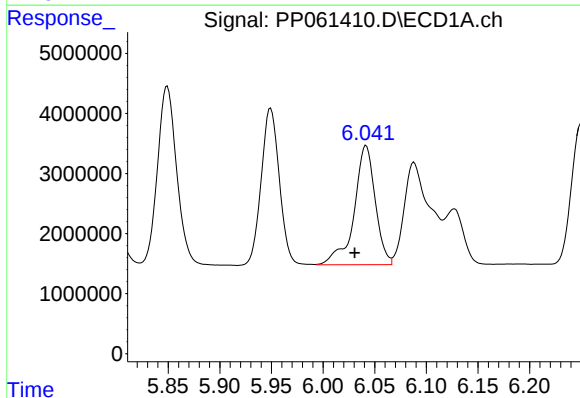
R.T.: 5.762 min
Delta R.T.: 0.010 min
Response: 44395808
Conc: 909.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



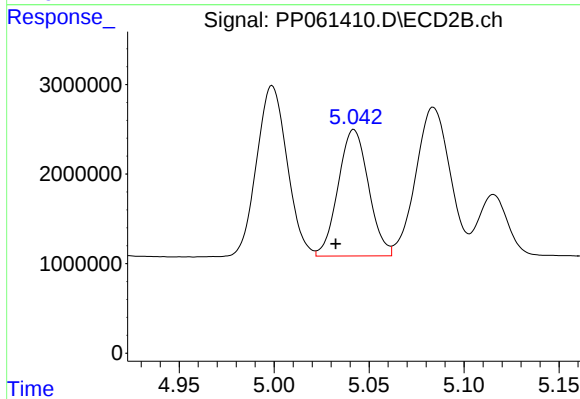
#21 AR-1248-1

R.T.: 4.801 min
Delta R.T.: 0.009 min
Response: 27526886
Conc: 885.77 ng/ml



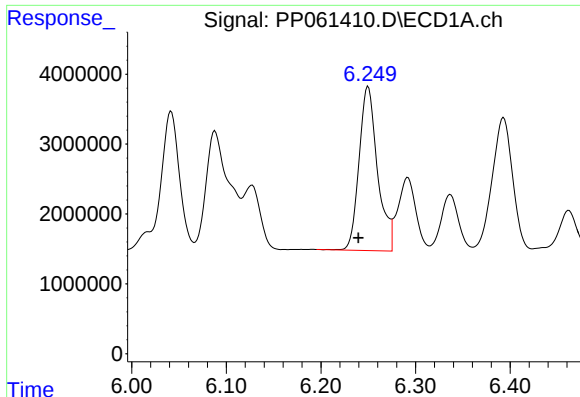
#22 AR-1248-2

R.T.: 6.042 min
Delta R.T.: 0.011 min
Response: 28210866
Conc: 374.36 ng/ml



#22 AR-1248-2

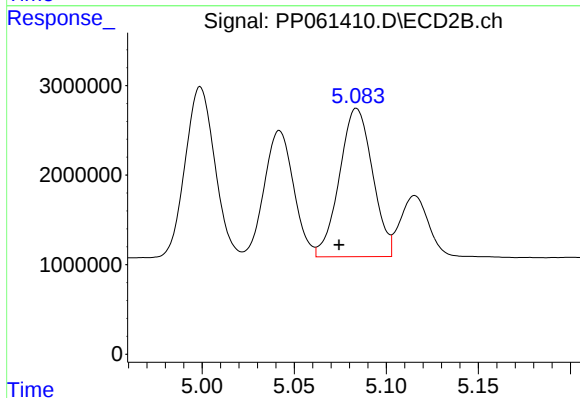
R.T.: 5.042 min
Delta R.T.: 0.010 min
Response: 15733395
Conc: 360.69 ng/ml



#23 AR-1248-3

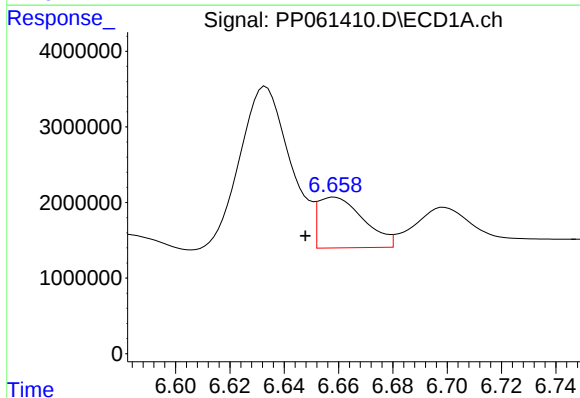
R.T.: 6.250 min
Delta R.T.: 0.010 min
Response: 31767800
Conc: 380.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



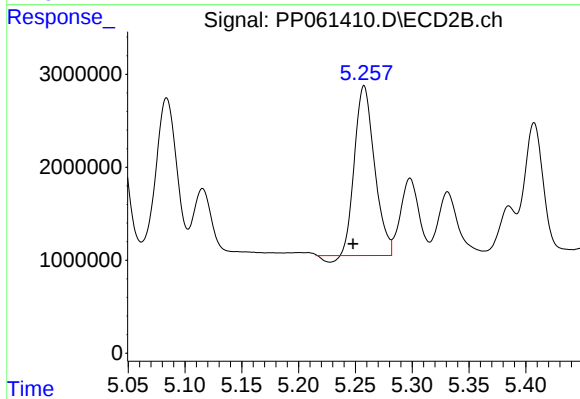
#23 AR-1248-3

R.T.: 5.084 min
Delta R.T.: 0.009 min
Response: 20729775
Conc: 446.03 ng/ml



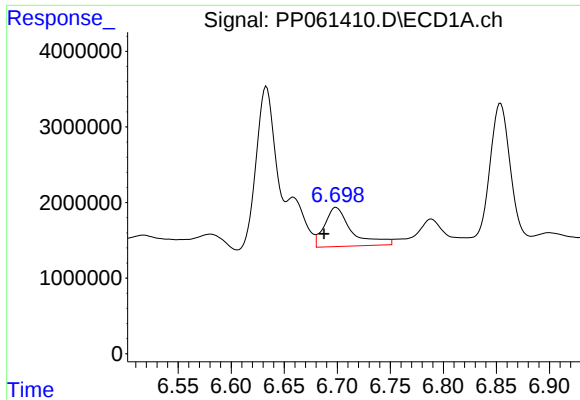
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: 0.011 min
Response: 7808232
Conc: 88.58 ng/ml



#24 AR-1248-4

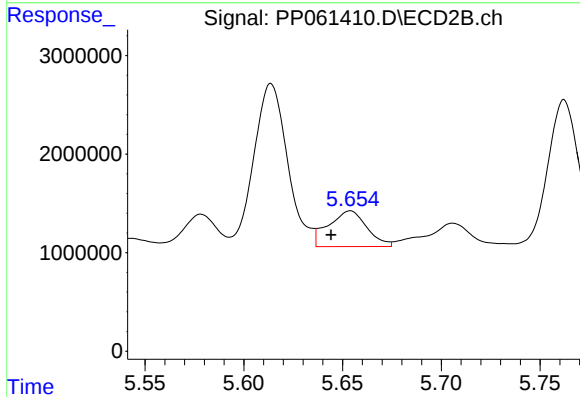
R.T.: 5.258 min
Delta R.T.: 0.010 min
Response: 22100163
Conc: 396.61 ng/ml



#25 AR-1248-5

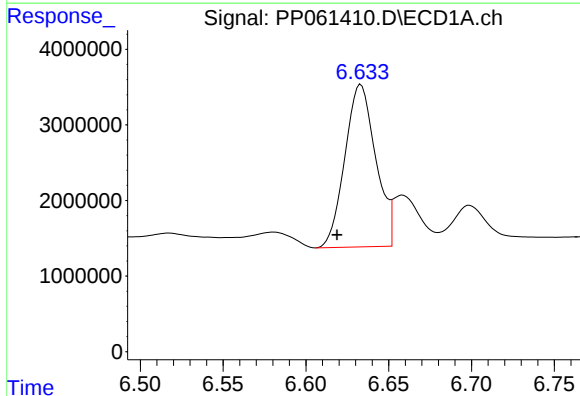
R.T.: 6.699 min
Delta R.T.: 0.011 min
Response: 9236031
Conc: 108.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



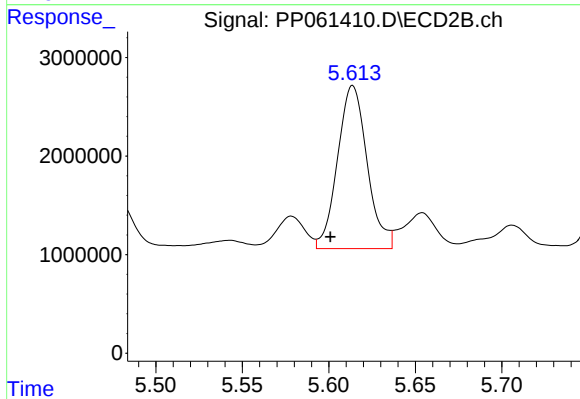
#25 AR-1248-5

R.T.: 5.654 min
Delta R.T.: 0.010 min
Response: 4903760
Conc: 94.25 ng/ml



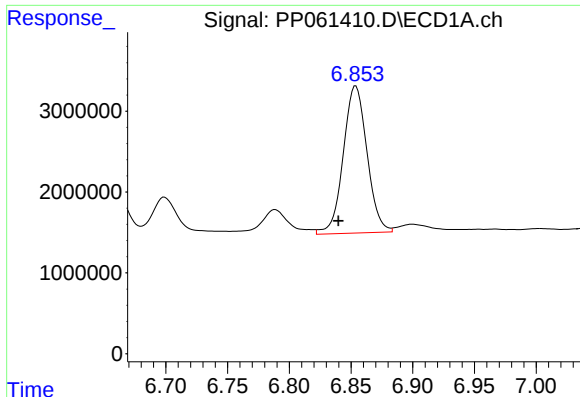
#26 AR-1254-1

R.T.: 6.633 min
Delta R.T.: 0.014 min
Response: 27837456
Conc: 314.32 ng/ml



#26 AR-1254-1

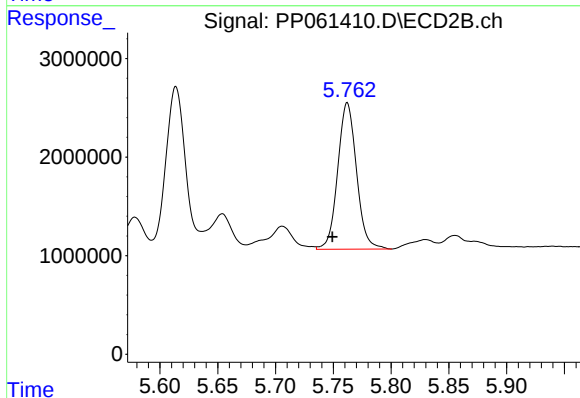
R.T.: 5.614 min
Delta R.T.: 0.013 min
Response: 19642142
Conc: 249.26 ng/ml



#27 AR-1254-2

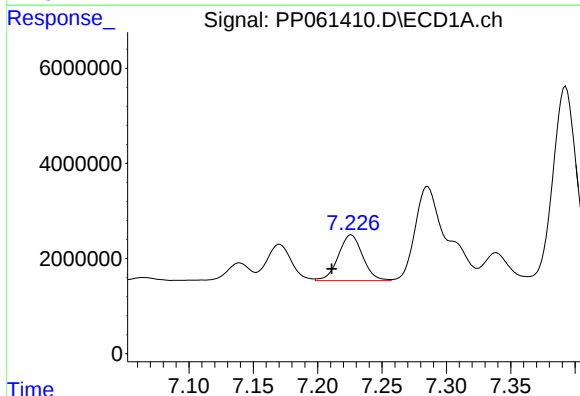
R.T.: 6.854 min
Delta R.T.: 0.014 min
Response: 24360440
Conc: 182.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



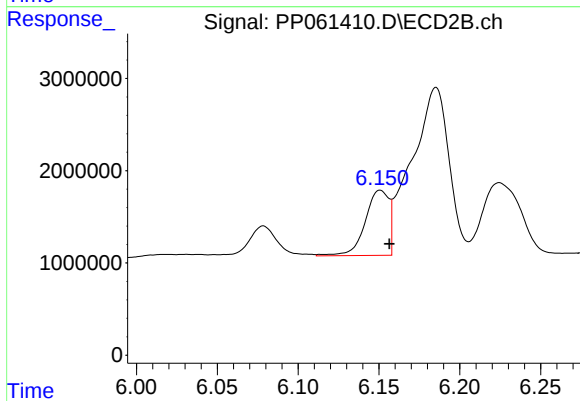
#27 AR-1254-2

R.T.: 5.762 min
Delta R.T.: 0.013 min
Response: 16804778
Conc: 240.61 ng/ml



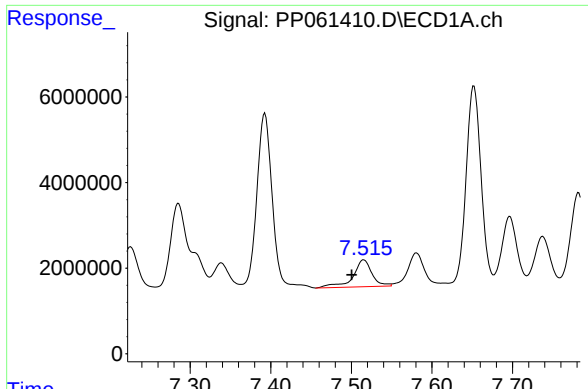
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.015 min
Response: 12686110
Conc: 91.73 ng/ml



#28 AR-1254-3

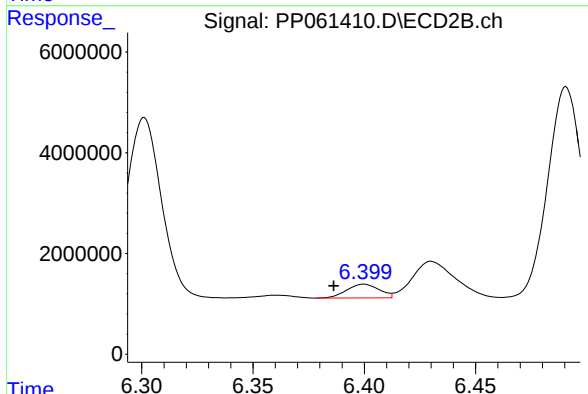
R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 7212234
Conc: 63.57 ng/ml



#29 AR-1254-4

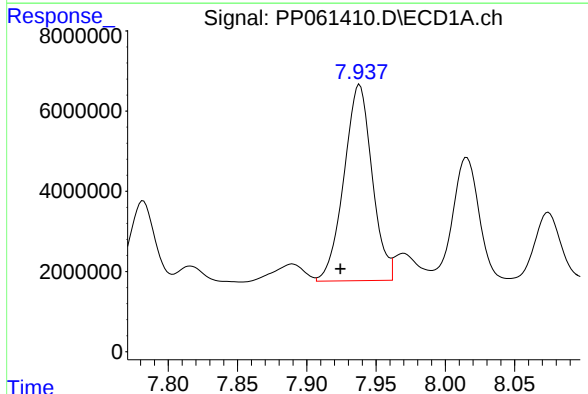
R.T.: 7.515 min
Delta R.T.: 0.015 min
Response: 10320086
Conc: 103.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



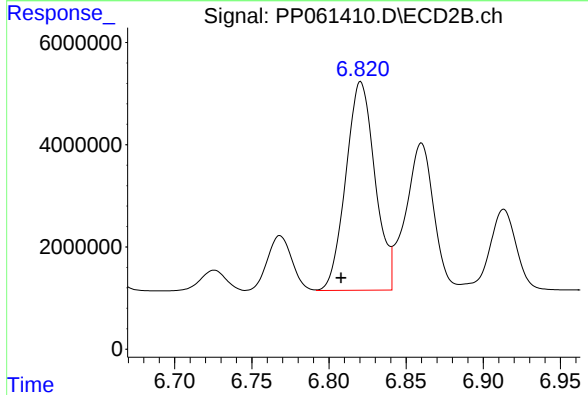
#29 AR-1254-4

R.T.: 6.400 min
Delta R.T.: 0.014 min
Response: 2776142
Conc: 39.94 ng/ml



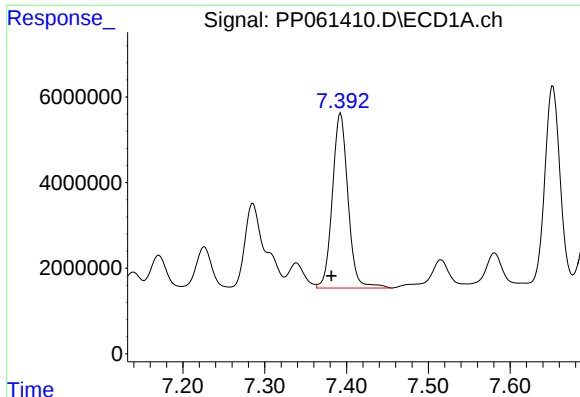
#30 AR-1254-5

R.T.: 7.938 min
Delta R.T.: 0.014 min
Response: 69115558
Conc: 628.02 ng/ml



#30 AR-1254-5

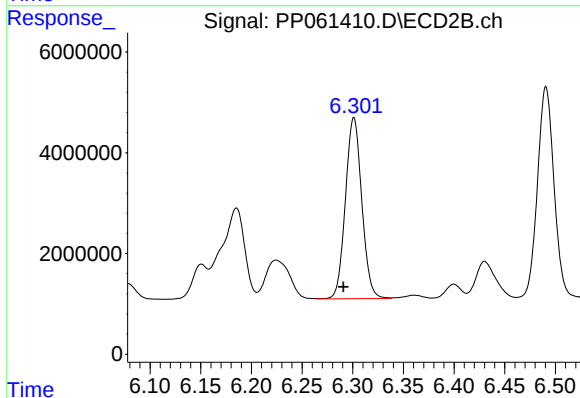
R.T.: 6.821 min
Delta R.T.: 0.013 min
Response: 53702800
Conc: 507.54 ng/ml



#31 AR-1260-1

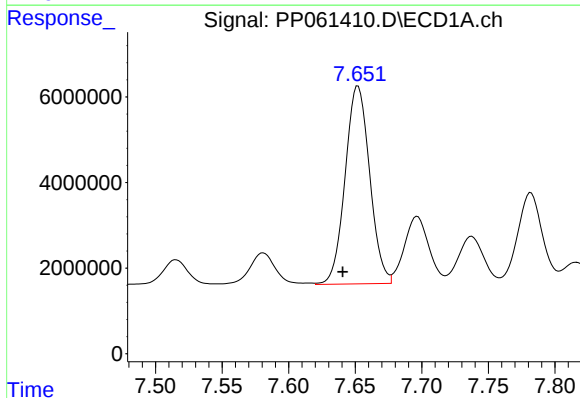
R.T.: 7.393 min
Delta R.T.: 0.011 min
Response: 54236869
Conc: 482.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



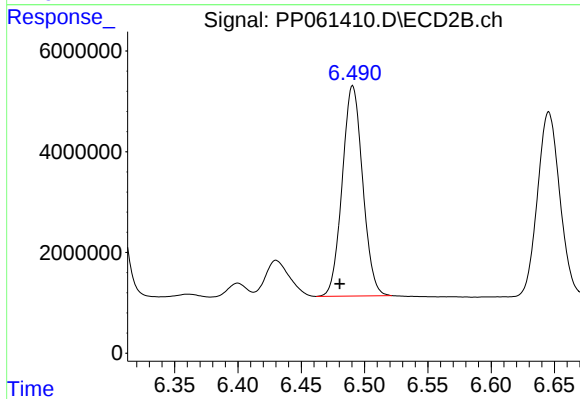
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: 0.010 min
Response: 40468820
Conc: 497.38 ng/ml



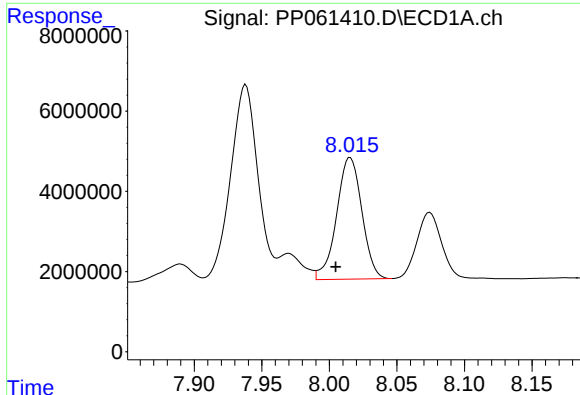
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.011 min
Response: 59281255
Conc: 458.23 ng/ml



#32 AR-1260-2

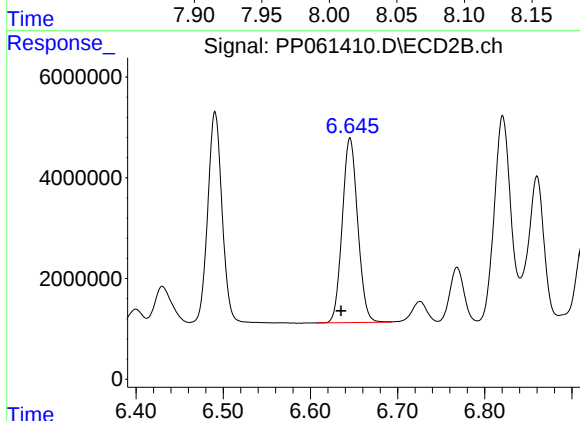
R.T.: 6.491 min
Delta R.T.: 0.010 min
Response: 46912521
Conc: 481.00 ng/ml



#33 AR-1260-3

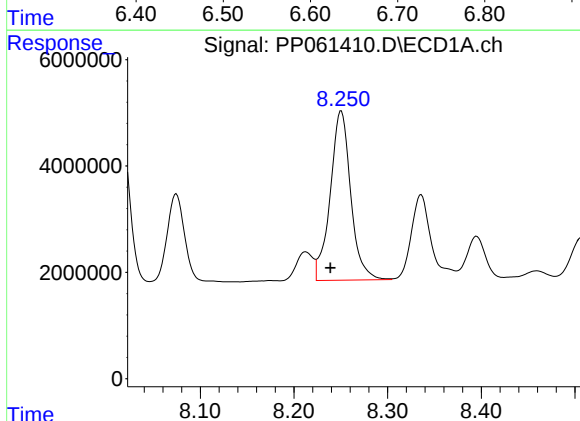
R.T.: 8.015 min
Delta R.T.: 0.011 min
Response: 39523079
Conc: 465.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



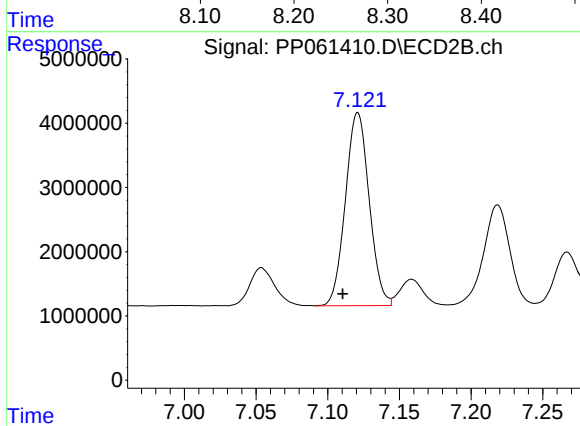
#33 AR-1260-3

R.T.: 6.646 min
Delta R.T.: 0.010 min
Response: 45168623
Conc: 488.05 ng/ml



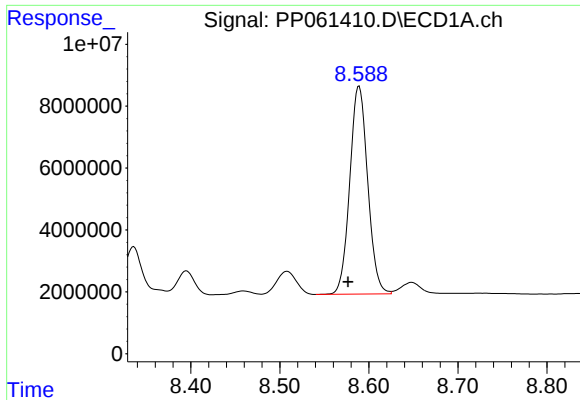
#34 AR-1260-4

R.T.: 8.250 min
Delta R.T.: 0.012 min
Response: 48500567
Conc: 479.82 ng/ml



#34 AR-1260-4

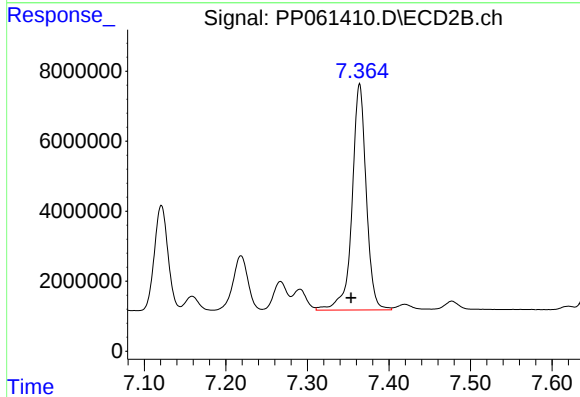
R.T.: 7.121 min
Delta R.T.: 0.010 min
Response: 34706218
Conc: 473.33 ng/ml



#35 AR-1260-5

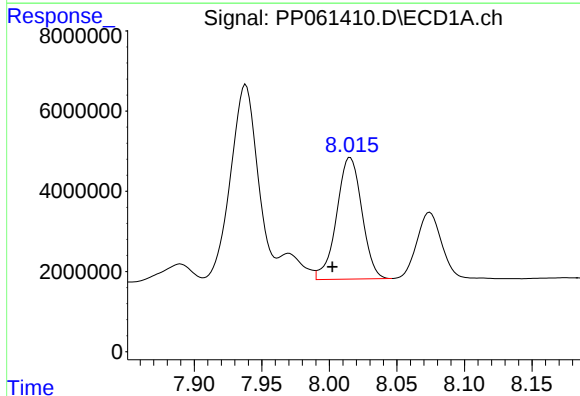
R.T.: 8.589 min
Delta R.T.: 0.012 min
Response: 94119581
Conc: 485.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



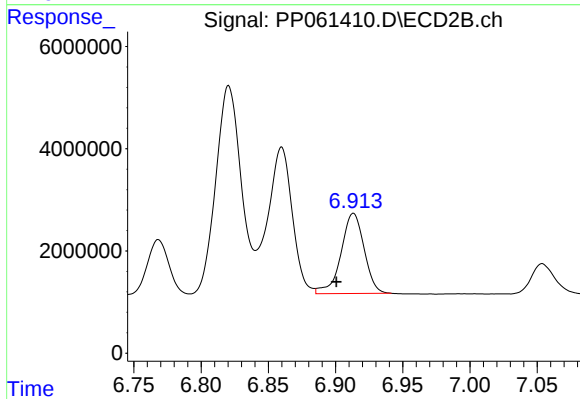
#35 AR-1260-5

R.T.: 7.364 min
Delta R.T.: 0.011 min
Response: 78315470
Conc: 458.63 ng/ml



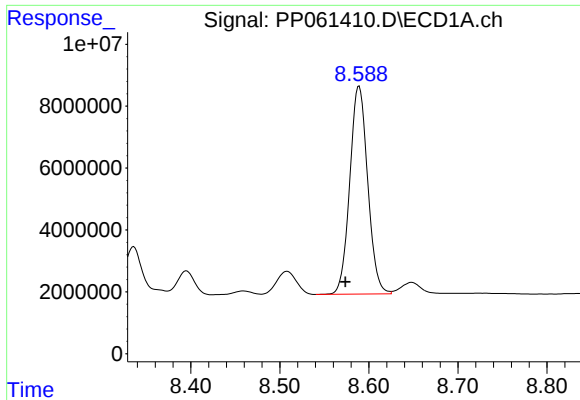
#36 AR-1262-1

R.T.: 8.015 min
Delta R.T.: 0.013 min
Response: 39523079
Conc: 297.24 ng/ml



#36 AR-1262-1

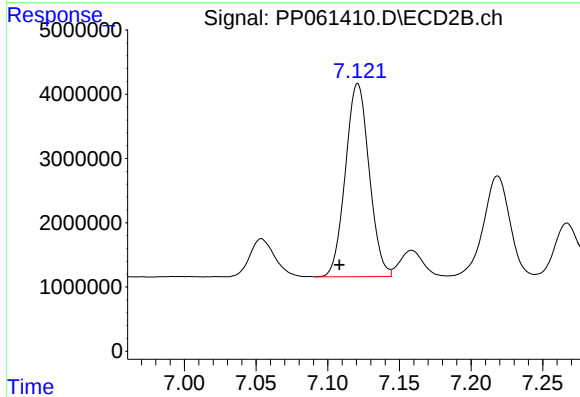
R.T.: 6.913 min
Delta R.T.: 0.013 min
Response: 18782858
Conc: 416.73 ng/ml



#37 AR-1262-2

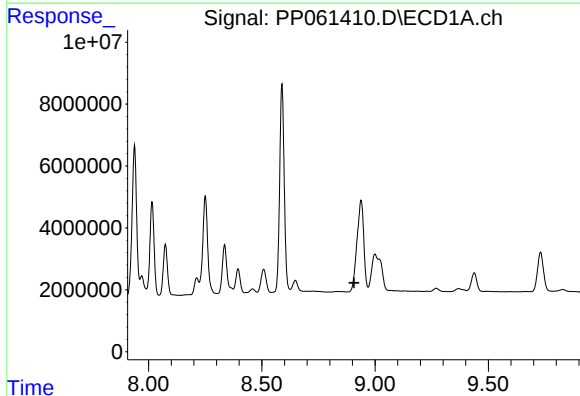
R.T.: 8.589 min
Delta R.T.: 0.015 min
Response: 94119581
Conc: 402.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



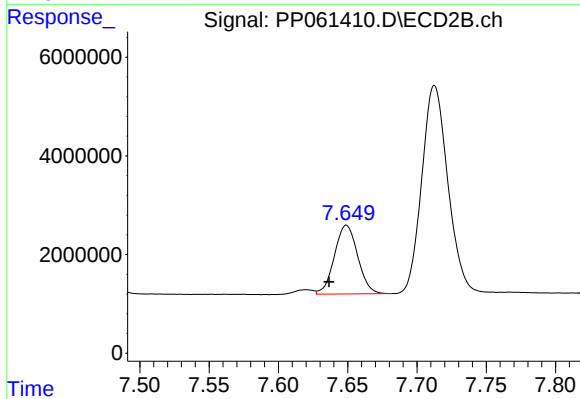
#37 AR-1262-2

R.T.: 7.121 min
Delta R.T.: 0.013 min
Response: 34706218
Conc: 346.73 ng/ml



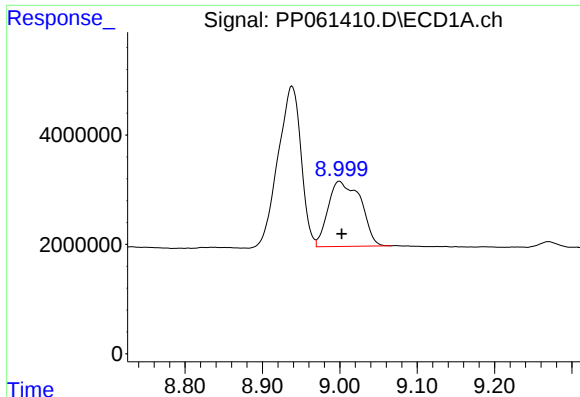
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.907 min
Response: 0
Conc: N.D.



#38 AR-1262-3

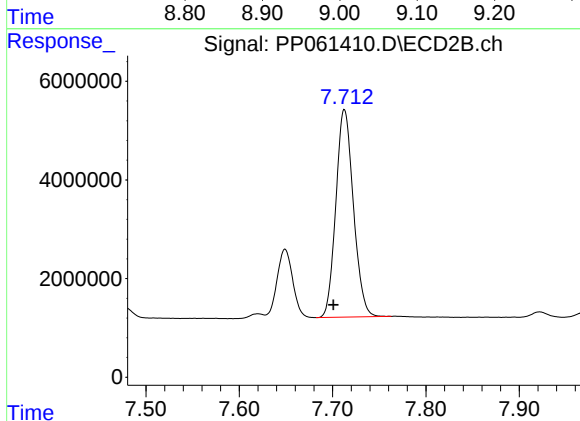
R.T.: 7.649 min
Delta R.T.: 0.013 min
Response: 16288739
Conc: 204.67 ng/ml



#39 AR-1262-4

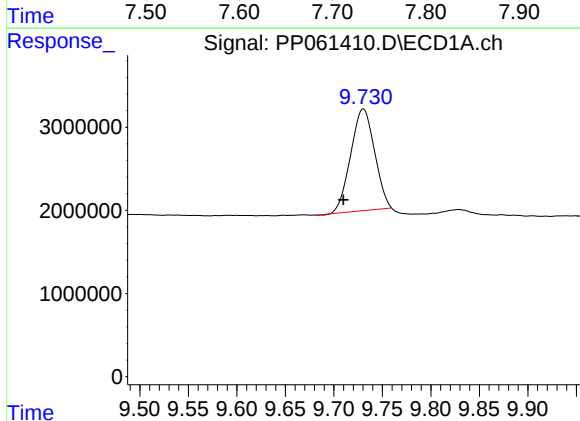
R.T.: 8.999 min
Delta R.T.: -0.003 min
Response: 34848437
Conc: 289.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



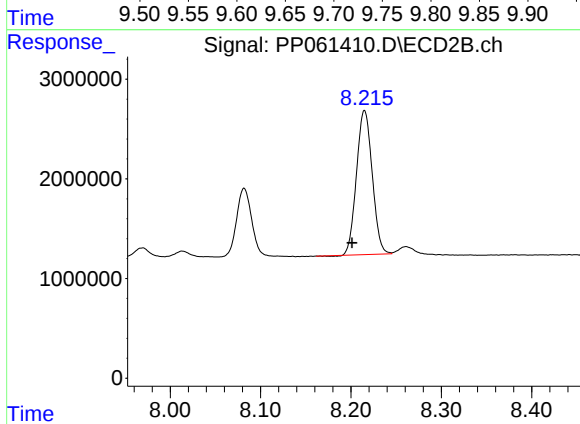
#39 AR-1262-4

R.T.: 7.713 min
Delta R.T.: 0.012 min
Response: 54978962
Conc: 380.54 ng/ml



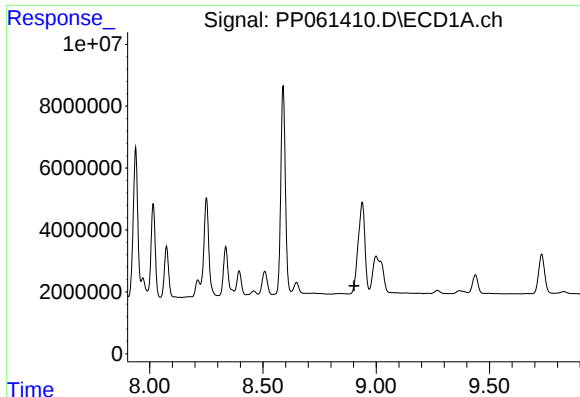
#40 AR-1262-5

R.T.: 9.731 min
Delta R.T.: 0.021 min
Response: 20952426
Conc: 257.70 ng/ml



#40 AR-1262-5

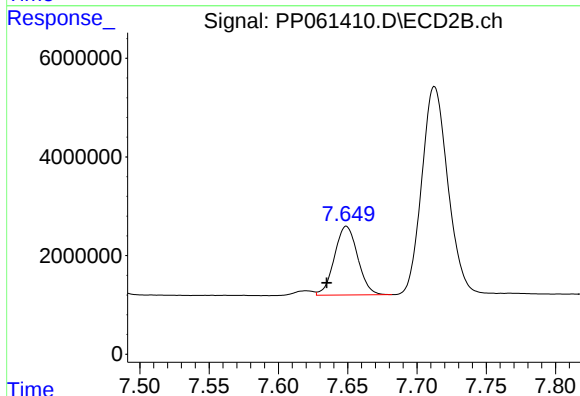
R.T.: 8.215 min
Delta R.T.: 0.014 min
Response: 17487615
Conc: 253.00 ng/ml



#41 AR-1268-1

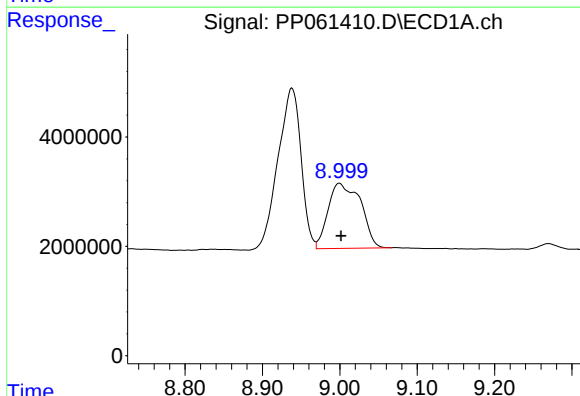
R.T.: 0.000 min
Exp R.T.: 8.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



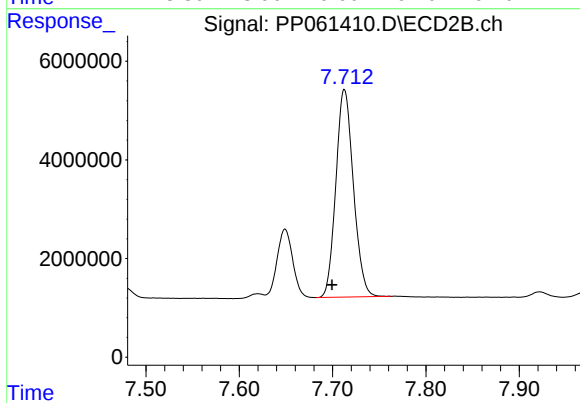
#41 AR-1268-1

R.T.: 7.649 min
Delta R.T.: 0.014 min
Response: 16288739
Conc: 69.96 ng/ml



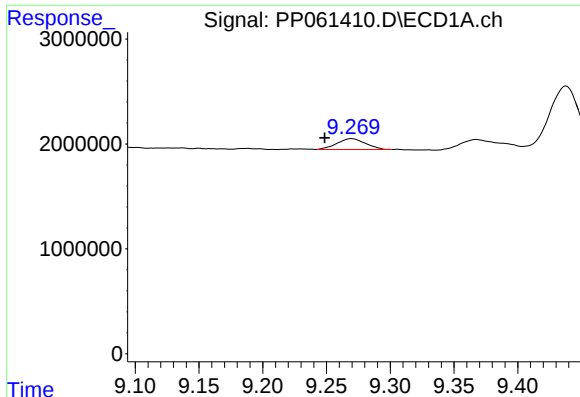
#42 AR-1268-2

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 34848437
Conc: 133.26 ng/ml



#42 AR-1268-2

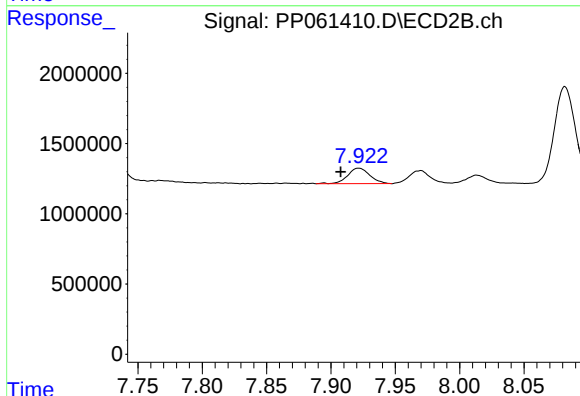
R.T.: 7.713 min
Delta R.T.: 0.013 min
Response: 54978962
Conc: 261.98 ng/ml



#43 AR-1268-3

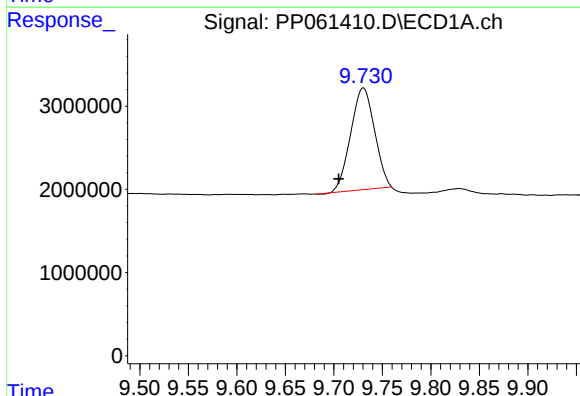
R.T.: 9.270 min
Delta R.T.: 0.021 min
Response: 1617113
Conc: 7.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



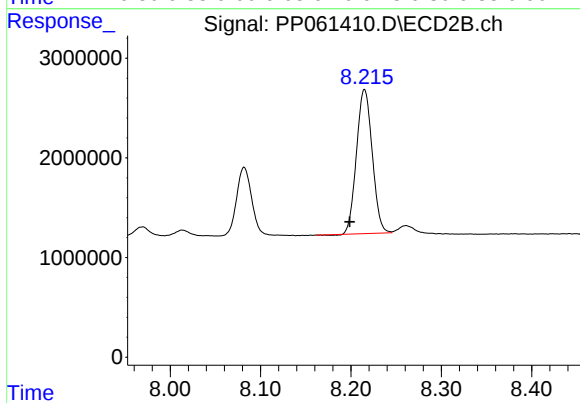
#43 AR-1268-3

R.T.: 7.922 min
Delta R.T.: 0.014 min
Response: 1324687
Conc: 7.21 ng/ml



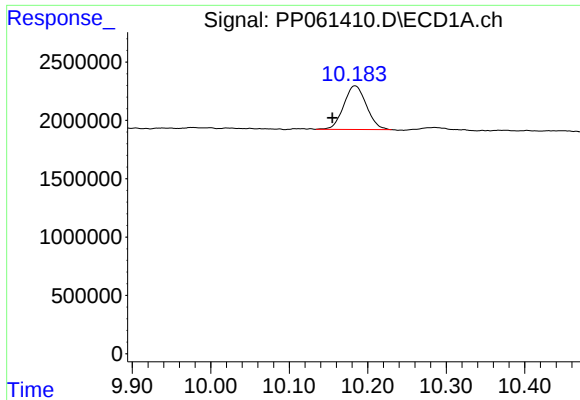
#44 AR-1268-4

R.T.: 9.731 min
Delta R.T.: 0.025 min
Response: 20952426
Conc: 231.45 ng/ml



#44 AR-1268-4

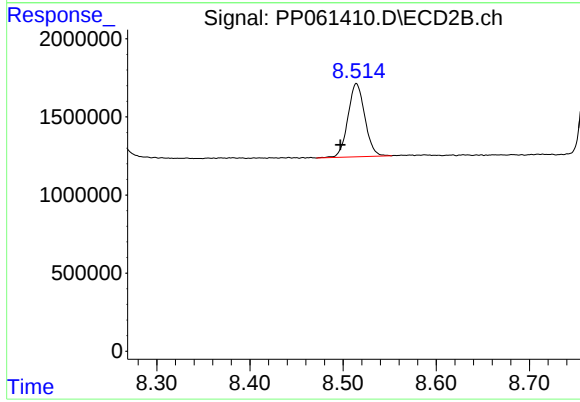
R.T.: 8.215 min
Delta R.T.: 0.016 min
Response: 17487615
Conc: 226.23 ng/ml



#45 AR-1268-5

R.T.: 10.184 min
Delta R.T.: 0.029 min
Response: 7543975
Conc: 10.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.514 min
Delta R.T.: 0.017 min
Response: 5898765
Conc: 10.40 ng/ml