

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
 Data File : PP060741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 09:53
 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: Oct 09 12:27:08 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...	4.532	3.683	110.1E6	75187071	49.146	50.512
2)	SA Decachlor...	10.467	8.748	86565531	76323233	49.031	46.790
Target Compounds							
3)	L1 AR-1016-1	5.721	4.781	35769275	28121350	485.965	483.936
4)	L1 AR-1016-2	5.743	4.800	50499423	38245269	482.173	475.064
5)	L1 AR-1016-3	5.806	4.978	31847524	21497882	487.290	481.017
6)	L1 AR-1016-4	5.907	5.020	26477804	16942174	486.908	470.829
7)	L1 AR-1016-5	6.205	5.235	26677674	21802928	479.618	448.713
8)	L2 AR-1221-1	4.740	3.899	4679952	3465327	162.009	165.883
9)	L2 AR-1221-2	4.831	3.986	6573461	4504560	307.674	302.098
10)	L2 AR-1221-3	4.909	4.063	21468993	15565081	353.521	354.334
11)	L3 AR-1232-1	4.909f	4.063	21468993	15565081	426.496	427.736
12)	L3 AR-1232-2	5.448f	4.800	28427069	38245269	1038.137	1048.725
13)	L3 AR-1232-3	5.743f	4.978	50499423	21497882	1087.946	1074.075
14)	L3 AR-1232-4	5.907f	5.062	26477804	20919784	1077.226	1120.849
15)	L3 AR-1232-5	5.998f	5.235	23409040	21802928	1129.689	1048.250
16)	L4 AR-1242-1	5.721	4.781	35769275	28121350	559.707	555.460
17)	L4 AR-1242-2	5.743	4.800	50499423	38245269	557.719	550.732
18)	L4 AR-1242-3	5.806	4.978	31847524	21497882	565.669	558.231
19)	L4 AR-1242-4	5.907	5.062	26477804	20919784	566.904	531.189
20)	L4 AR-1242-5	6.653	5.590	8253934	21855371	164.107	446.783 #
21)	L5 AR-1248-1	5.721	4.781	35769275	28121350	768.828	770.582
22)	L5 AR-1248-2	5.998	5.020	23409040	16942174	337.621	324.116
23)	L5 AR-1248-3	6.205	5.062	26677674	20919784	351.255	376.768
24)	L5 AR-1248-4	6.613	5.235	9102860	21802928	110.063	331.215 #
25)	L5 AR-1248-5	6.653	5.631	8253934	5565642	102.555	86.527
26)	L6 AR-1254-1	6.588	5.590	23981247	21855371	281.007	220.943
27)	L6 AR-1254-2	6.808	5.738	20475705	15999336	160.435	186.162
28)	L6 AR-1254-3	7.179	6.161	10250137	31170860	77.117	217.481 #
29)	L6 AR-1254-4	7.468	6.375	7093685	2367916	72.135	27.167 #
30)	L6 AR-1254-5	7.890	6.796	67097392	59315540	619.304	468.083
31)	L7 AR-1260-1	7.346	6.277	49539501	45288103	472.593	451.188
32)	L7 AR-1260-2	7.605	6.466	57400441	54512169	474.752	456.916
33)	L7 AR-1260-3	7.968	6.621	45406828	51921472	489.877	453.485
34)	L7 AR-1260-4	8.200	7.096	52011179	43407771	490.436	456.051
35)	L7 AR-1260-5	8.534	7.339	94241556	100.2E6	486.984	462.564
36)	L8 AR-1262-1	7.968	6.888	45406828	22486581	364.025	419.938
37)	L8 AR-1262-2	8.534	7.096	94241556	43407771	449.876	368.018
38)	L8 AR-1262-3	8.877f	7.625	62946978	22634596	415.938	245.471 #
39)	L8 AR-1262-4	8.939	7.688	40374157	70688019	337.361	419.608
40)	L8 AR-1262-5	9.656	8.189	26307829	25641978	328.585	330.974
41)	L9 AR-1268-1	8.877f	7.625	62946978	22634596	237.267	83.270 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
Data File : PP060741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 09:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

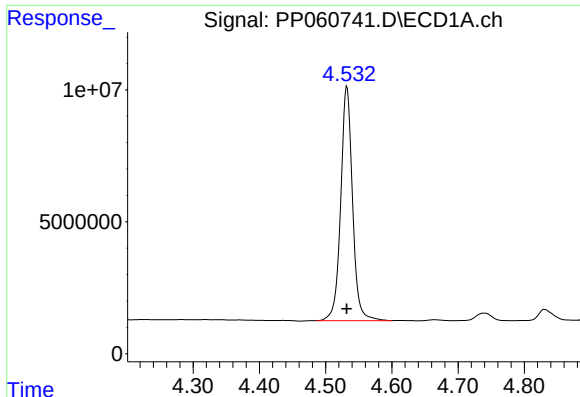
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 12:27:08 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
42)	L9 AR-1268-2	8.939	7.688	40374157	70688019	165.648	289.854 #
43)	L9 AR-1268-3	9.205	7.899	1042786	1794216	4.986	8.389 #
44)	L9 AR-1268-4	9.656	8.189	26307829	25641978	284.770	292.256
45)	L9 AR-1268-5	10.100	8.486	7579343	6255518	11.972	10.009

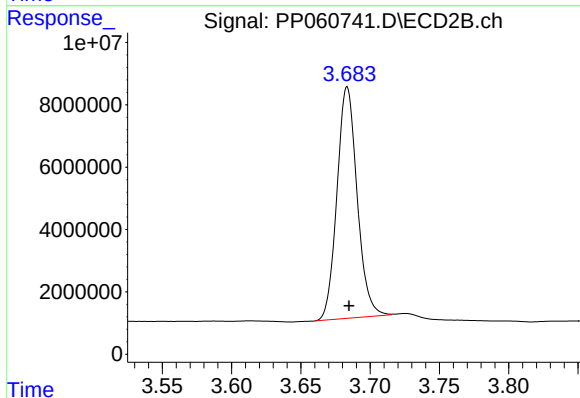
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

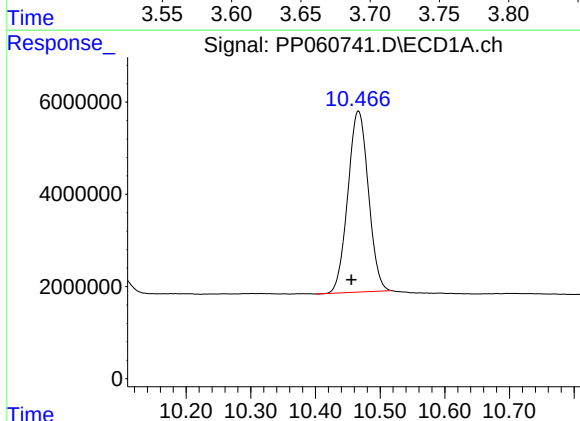
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 110061999
Conc: 49.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



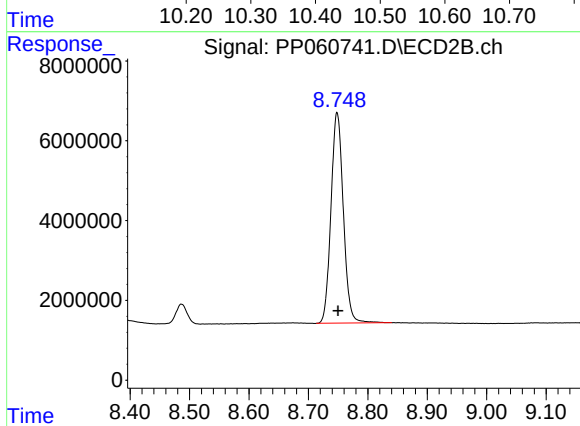
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.001 min
Response: 75187071
Conc: 50.51 ng/ml



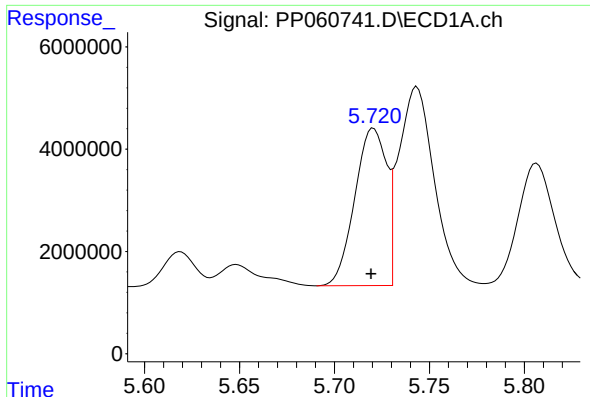
#2 Decachlorobiphenyl

R.T.: 10.467 min
Delta R.T.: 0.011 min
Response: 86565531
Conc: 49.03 ng/ml



#2 Decachlorobiphenyl

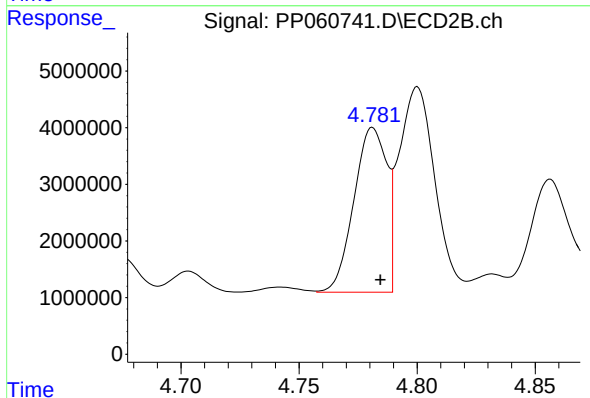
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 76323233
Conc: 46.79 ng/ml



#3 AR-1016-1

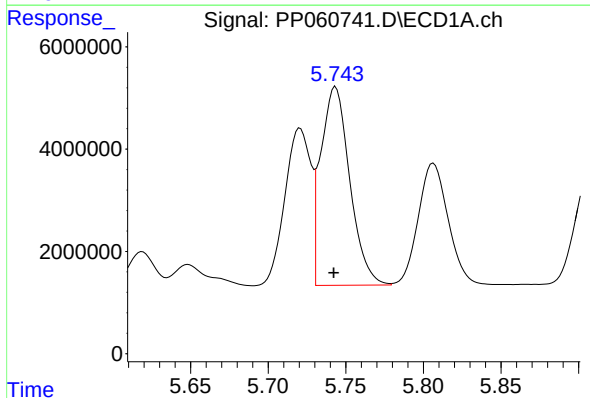
R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 35769275
Conc: 485.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



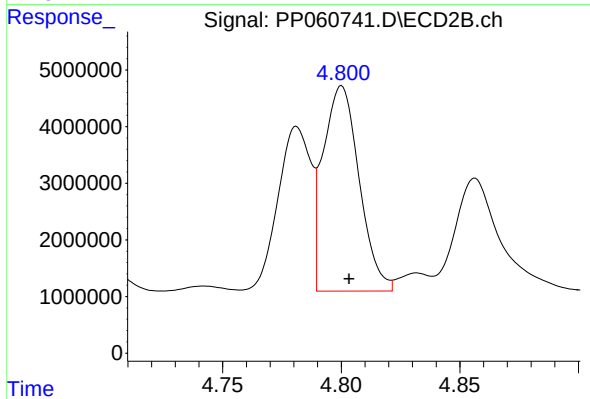
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 28121350
Conc: 483.94 ng/ml



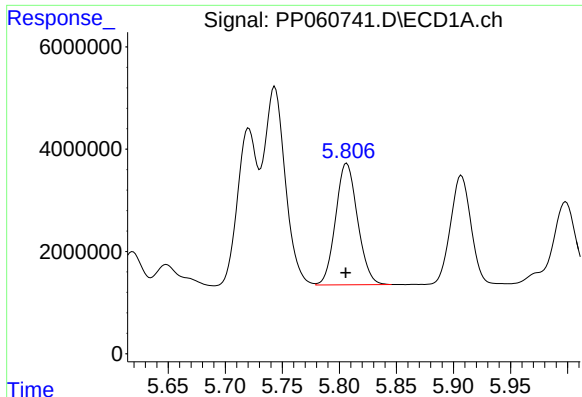
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.001 min
Response: 50499423
Conc: 482.17 ng/ml



#4 AR-1016-2

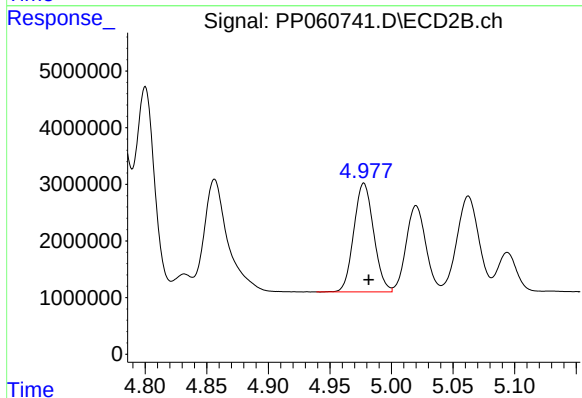
R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 38245269
Conc: 475.06 ng/ml



#5 AR-1016-3

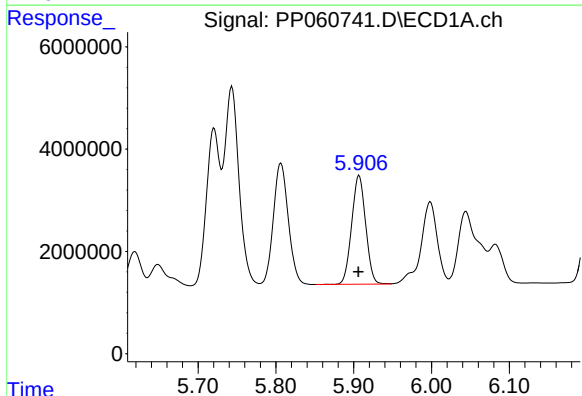
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 31847524
Conc: 487.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



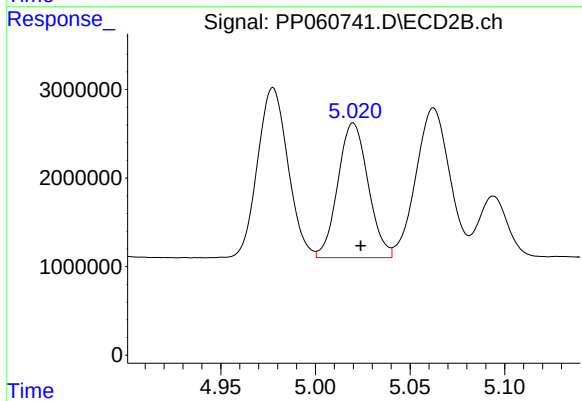
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 21497882
Conc: 481.02 ng/ml



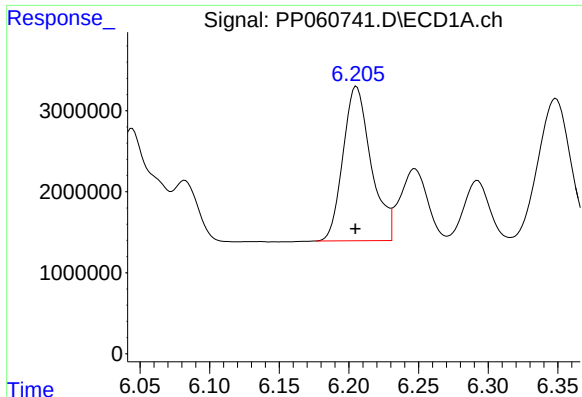
#6 AR-1016-4

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 26477804
Conc: 486.91 ng/ml



#6 AR-1016-4

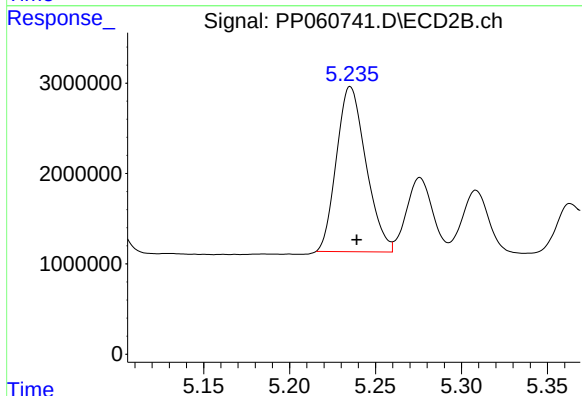
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16942174
Conc: 470.83 ng/ml



#7 AR-1016-5

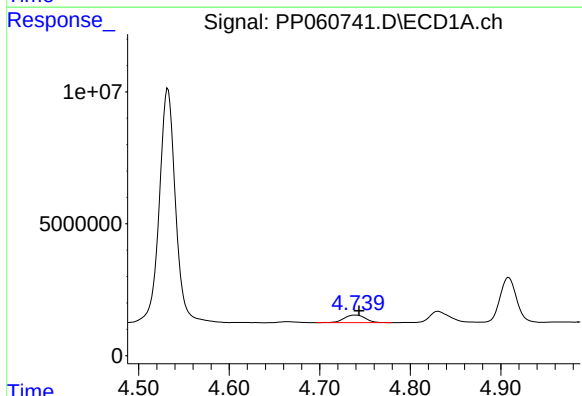
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 26677674
Conc: 479.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



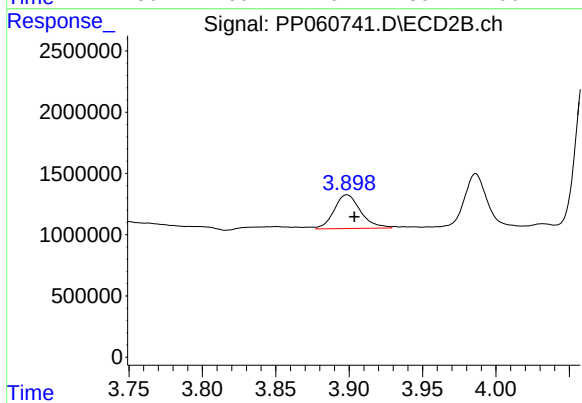
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 21802928
Conc: 448.71 ng/ml



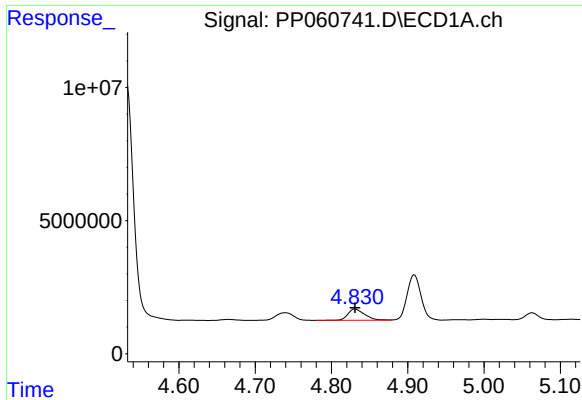
#8 AR-1221-1

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 4679952
Conc: 162.01 ng/ml



#8 AR-1221-1

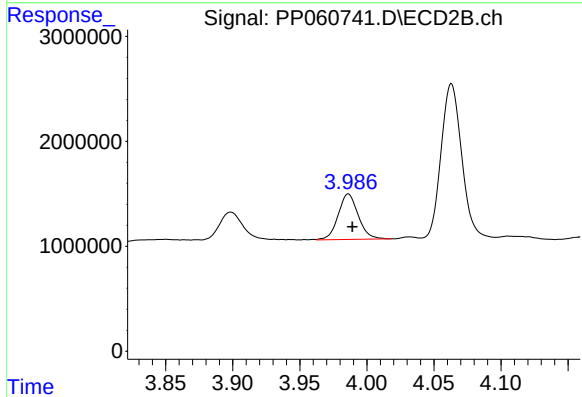
R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 3465327
Conc: 165.88 ng/ml



#9 AR-1221-2

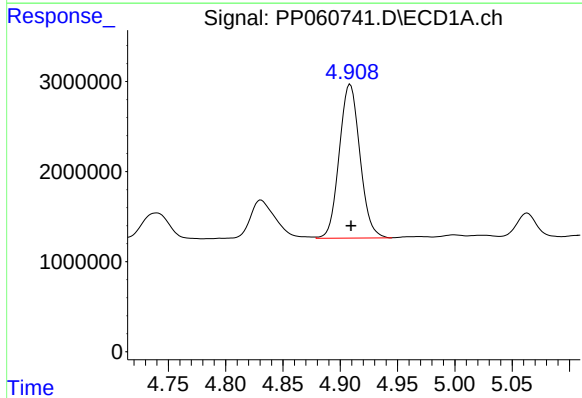
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 6573461
Conc: 307.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



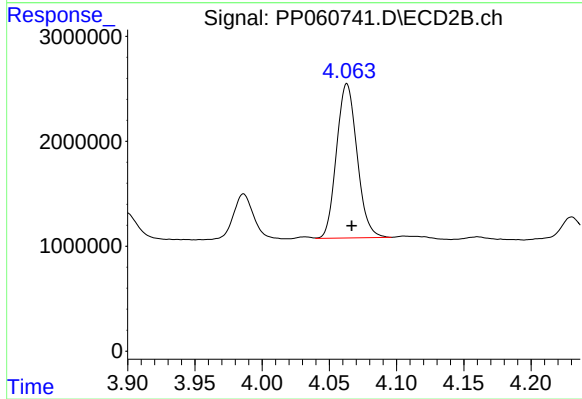
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 4504560
Conc: 302.10 ng/ml



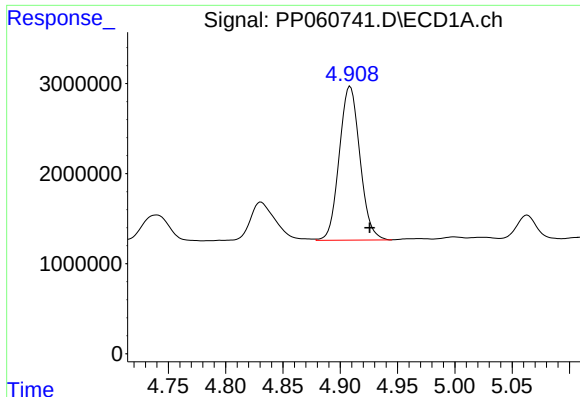
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 21468993
Conc: 353.52 ng/ml



#10 AR-1221-3

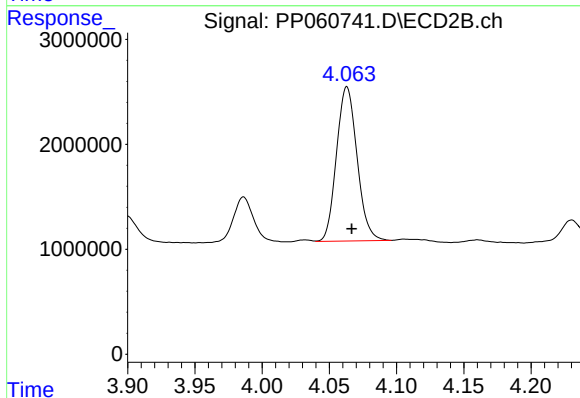
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 15565081
Conc: 354.33 ng/ml



#11 AR-1232-1

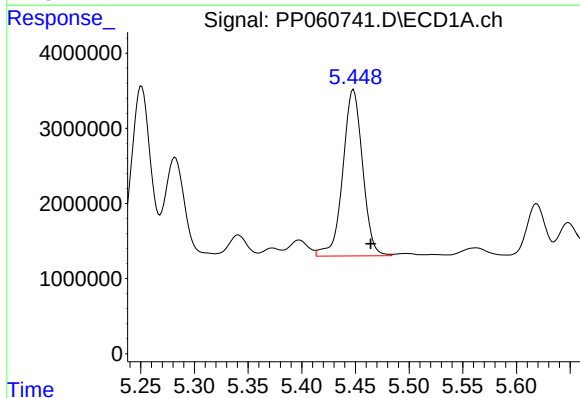
R.T.: 4.909 min
Delta R.T.: -0.017 min
Response: 21468993
Conc: 426.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



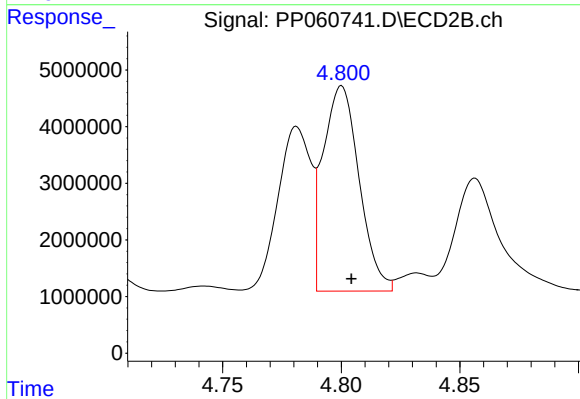
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 15565081
Conc: 427.74 ng/ml



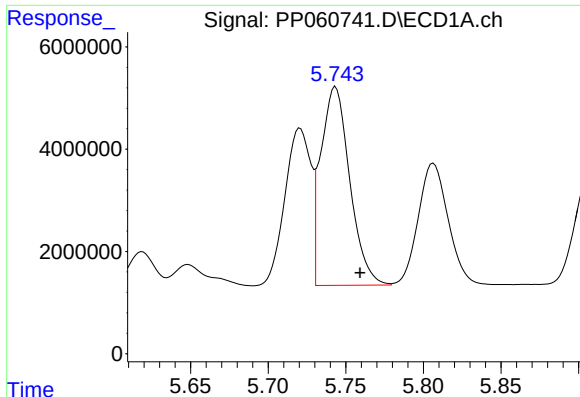
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 28427069
Conc: 1038.14 ng/ml



#12 AR-1232-2

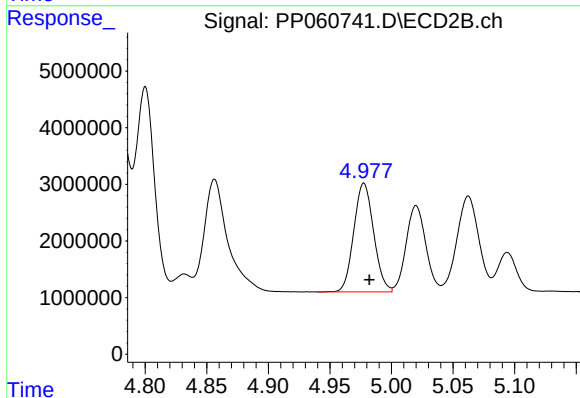
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 38245269
Conc: 1048.72 ng/ml



#13 AR-1232-3

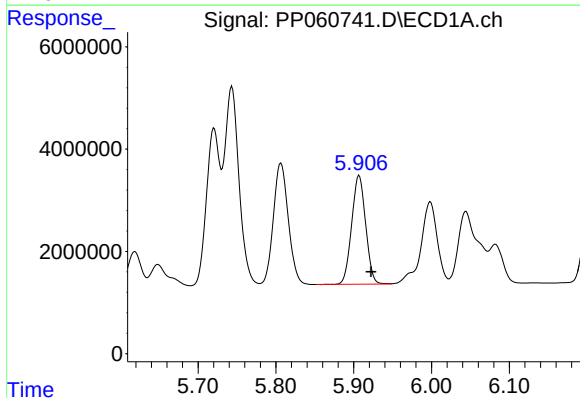
R.T.: 5.743 min
Delta R.T.: -0.016 min
Response: 50499423
Conc: 1087.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



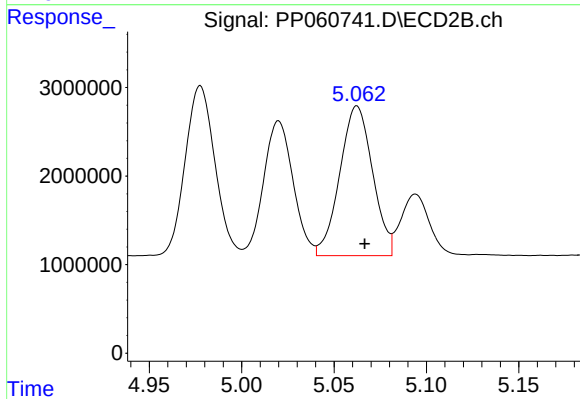
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 21497882
Conc: 1074.07 ng/ml



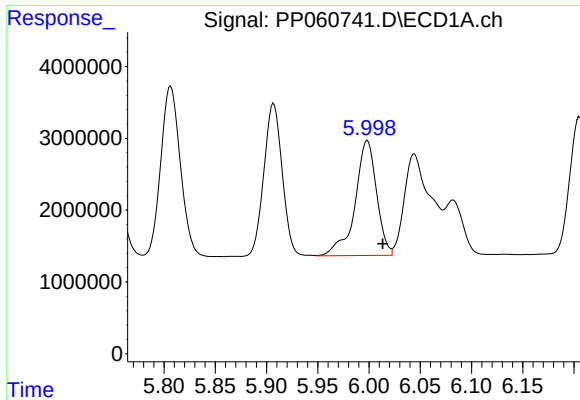
#14 AR-1232-4

R.T.: 5.907 min
Delta R.T.: -0.015 min
Response: 26477804
Conc: 1077.23 ng/ml



#14 AR-1232-4

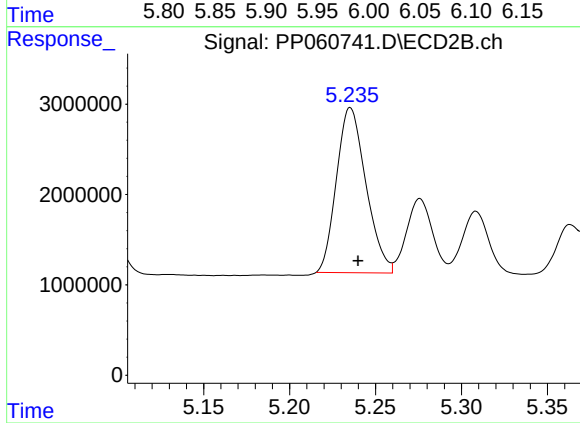
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 20919784
Conc: 1120.85 ng/ml



#15 AR-1232-5

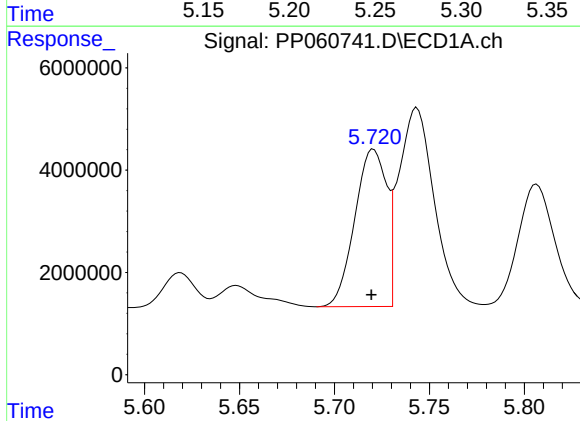
R.T.: 5.998 min
Delta R.T.: -0.015 min
Response: 23409040
Conc: 1129.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



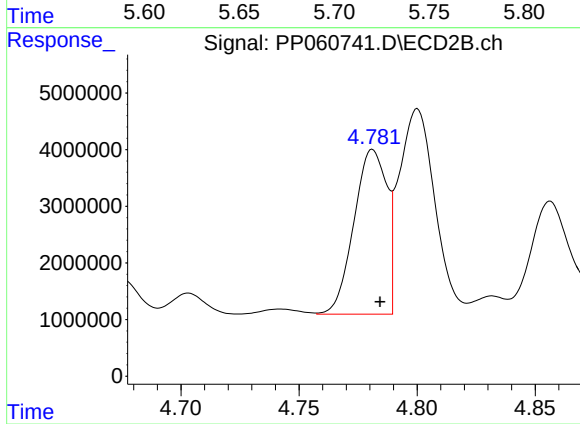
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 21802928
Conc: 1048.25 ng/ml



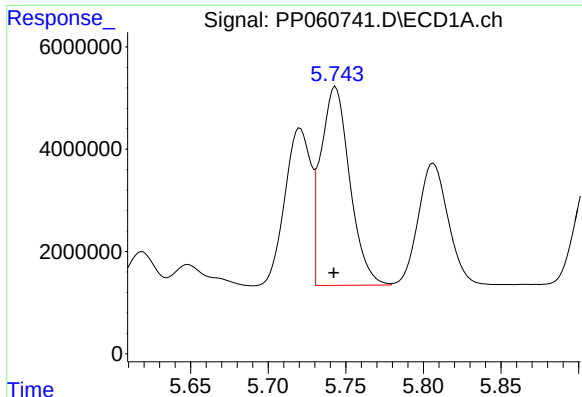
#16 AR-1242-1

R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 35769275
Conc: 559.71 ng/ml



#16 AR-1242-1

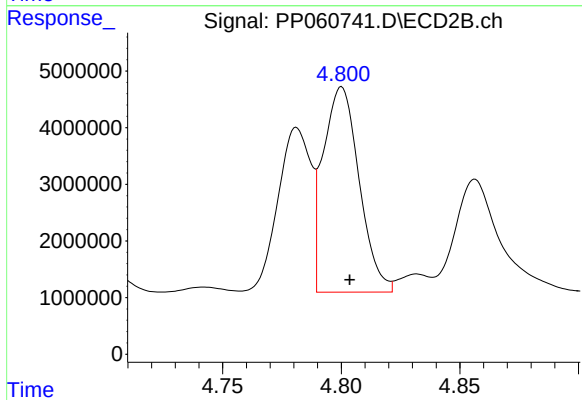
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 28121350
Conc: 555.46 ng/ml



#17 AR-1242-2

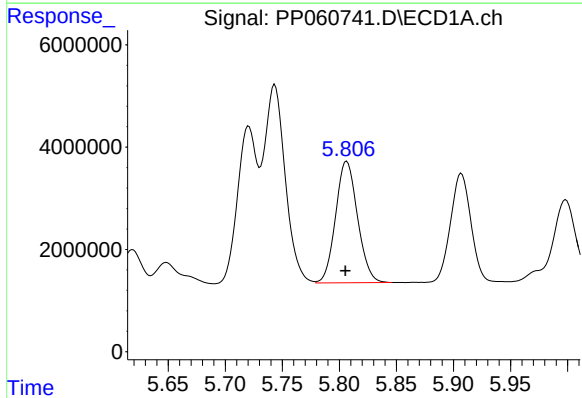
R.T.: 5.743 min
Delta R.T.: 0.001 min
Response: 50499423
Conc: 557.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



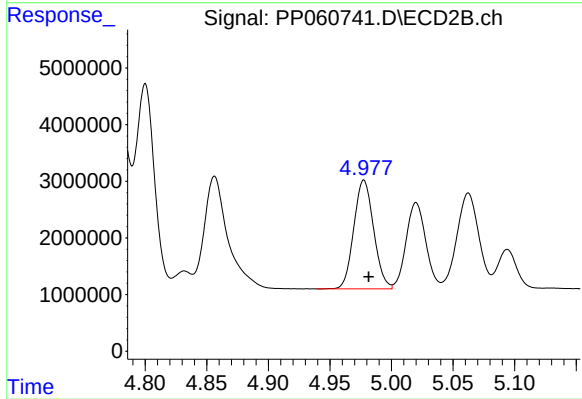
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 38245269
Conc: 550.73 ng/ml



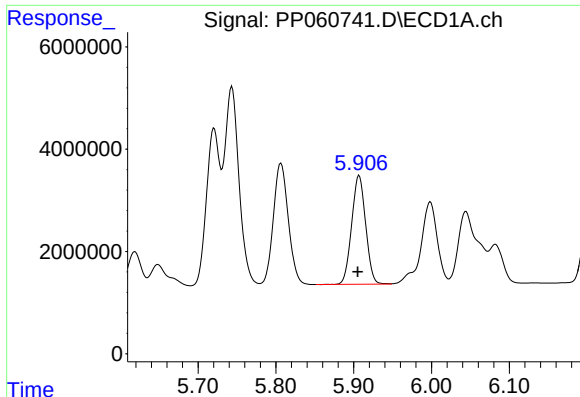
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.001 min
Response: 31847524
Conc: 565.67 ng/ml



#18 AR-1242-3

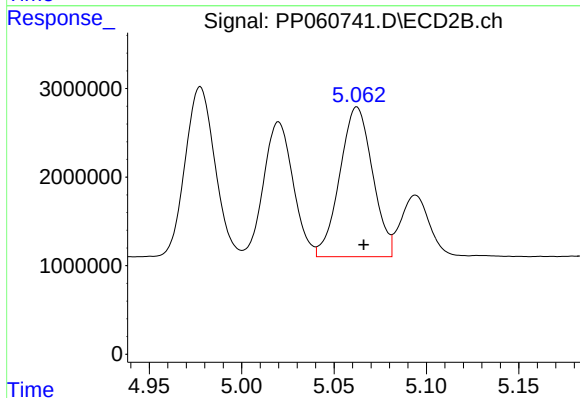
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 21497882
Conc: 558.23 ng/ml



#19 AR-1242-4

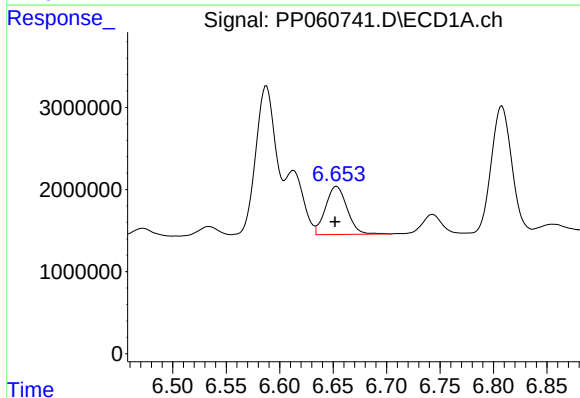
R.T.: 5.907 min
Delta R.T.: 0.002 min
Response: 26477804
Conc: 566.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



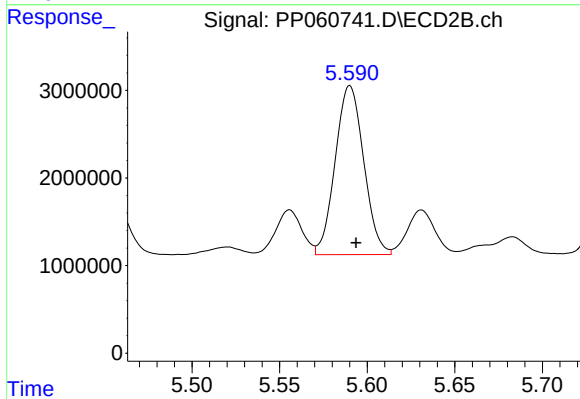
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 20919784
Conc: 531.19 ng/ml



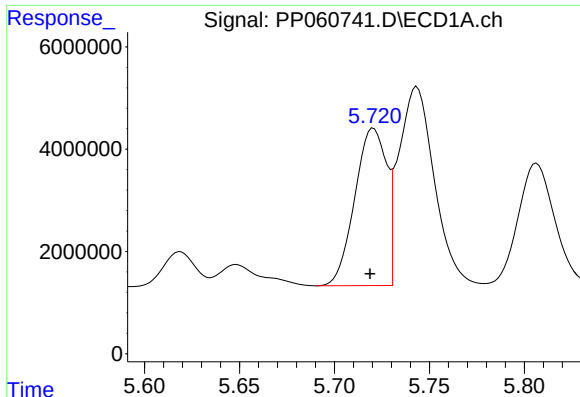
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 8253934
Conc: 164.11 ng/ml



#20 AR-1242-5

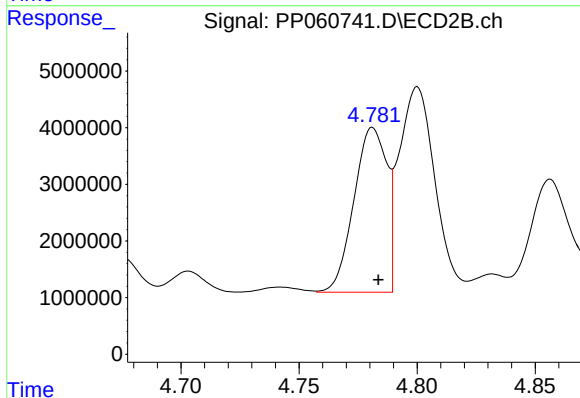
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 21855371
Conc: 446.78 ng/ml



#21 AR-1248-1

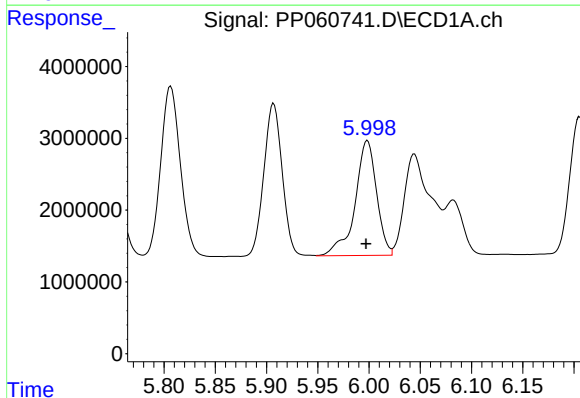
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 35769275
Conc: 768.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



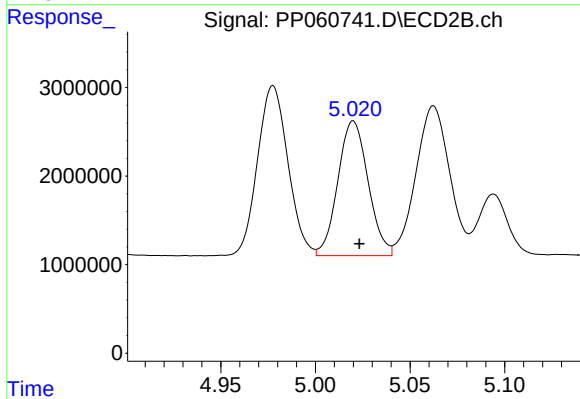
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 28121350
Conc: 770.58 ng/ml



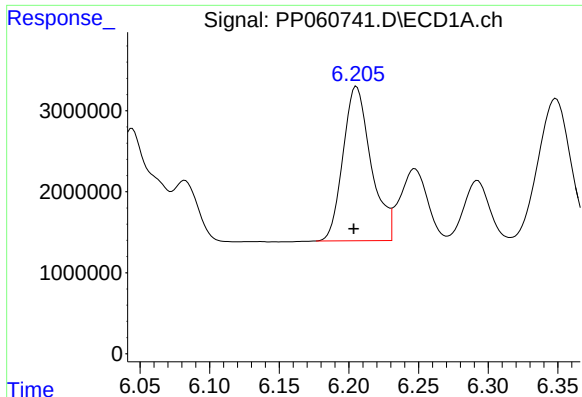
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: 0.001 min
Response: 23409040
Conc: 337.62 ng/ml



#22 AR-1248-2

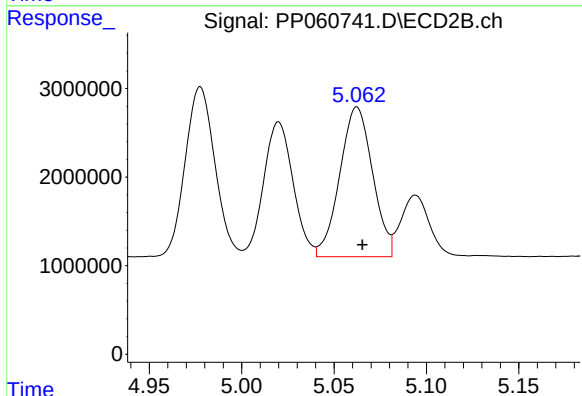
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 16942174
Conc: 324.12 ng/ml



#23 AR-1248-3

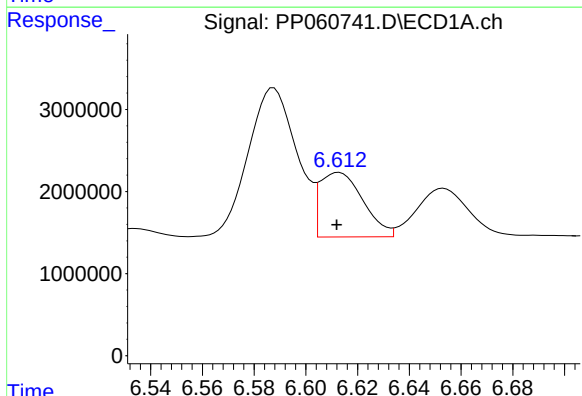
R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 26677674
Conc: 351.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



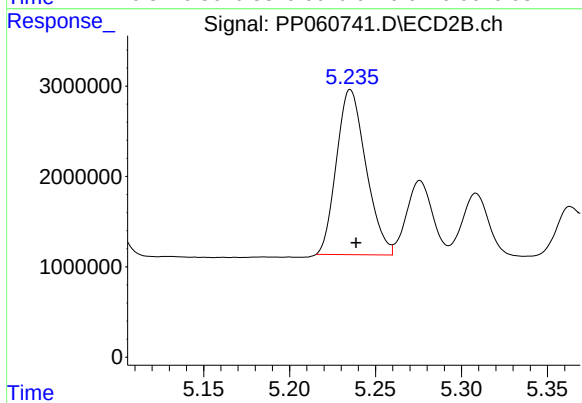
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 20919784
Conc: 376.77 ng/ml



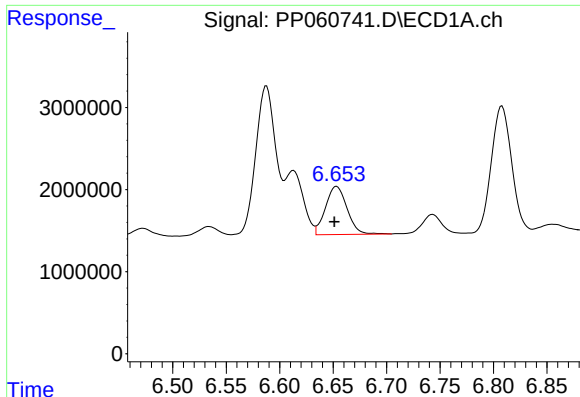
#24 AR-1248-4

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 9102860
Conc: 110.06 ng/ml



#24 AR-1248-4

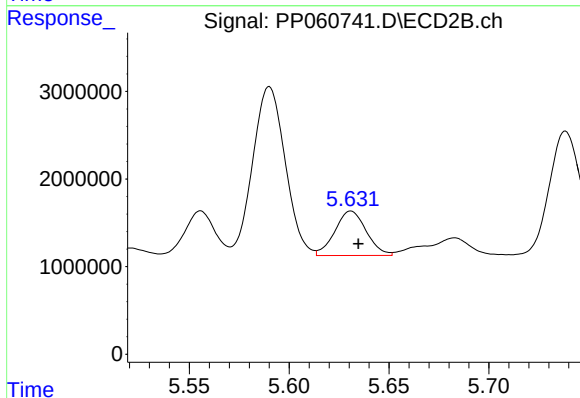
R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 21802928
Conc: 331.21 ng/ml



#25 AR-1248-5

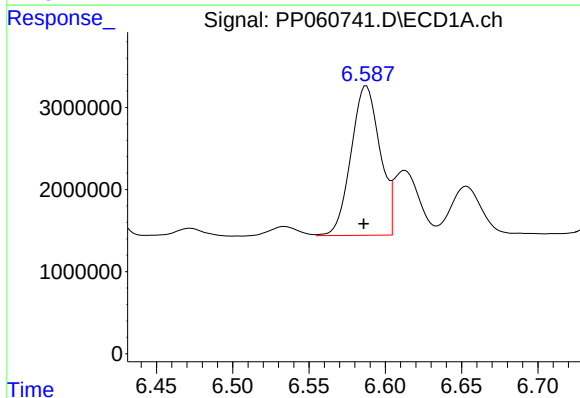
R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 8253934
Conc: 102.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



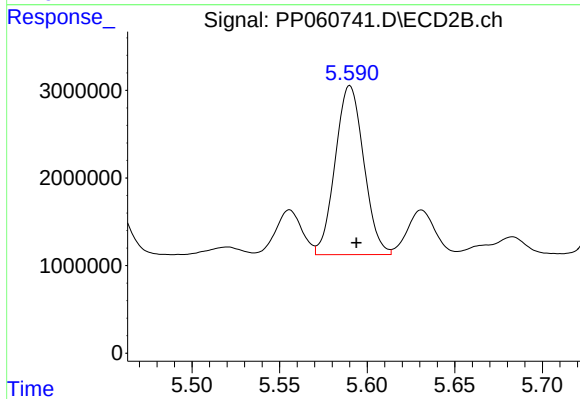
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 5565642
Conc: 86.53 ng/ml



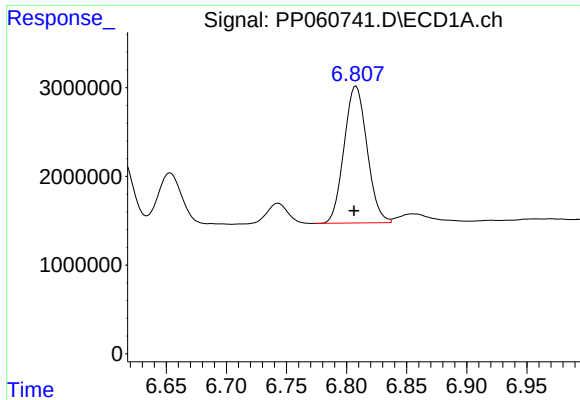
#26 AR-1254-1

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 23981247
Conc: 281.01 ng/ml



#26 AR-1254-1

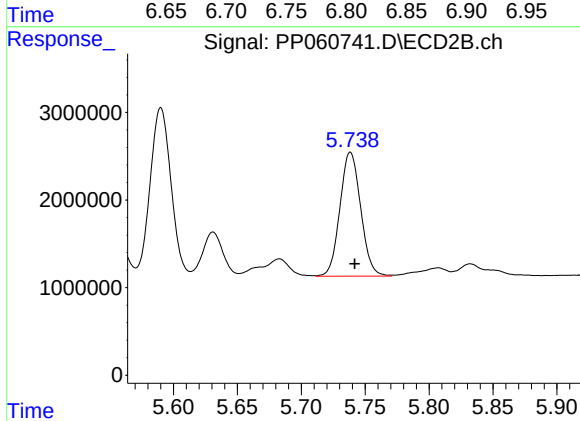
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 21855371
Conc: 220.94 ng/ml



#27 AR-1254-2

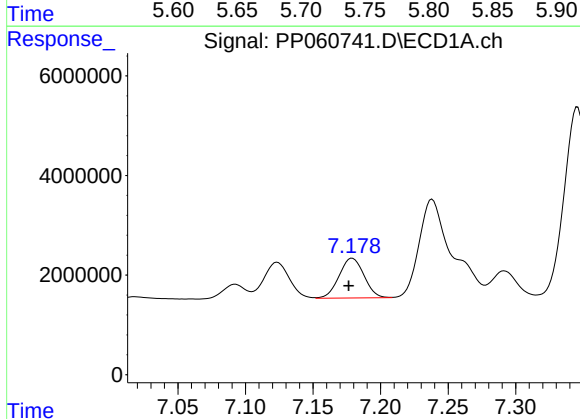
R.T.: 6.808 min
Delta R.T.: 0.002 min
Response: 20475705
Conc: 160.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



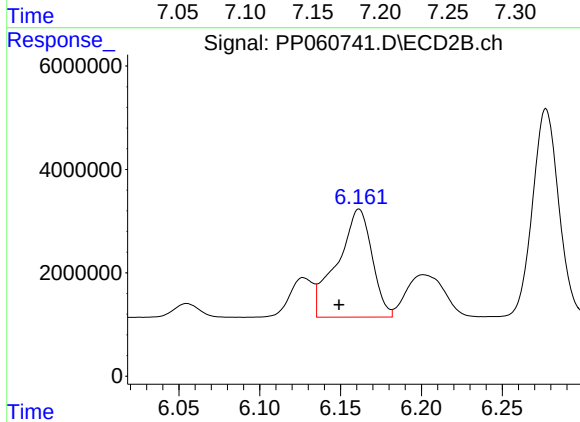
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 15999336
Conc: 186.16 ng/ml



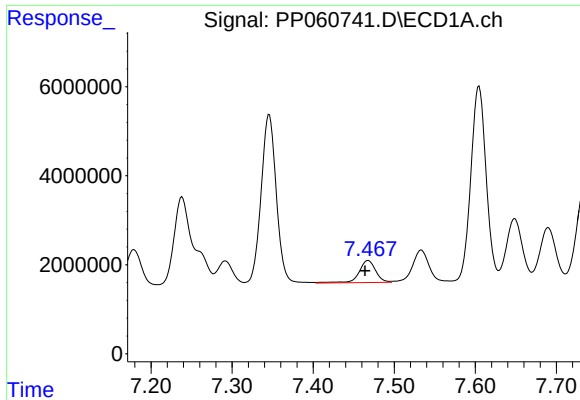
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 10250137
Conc: 77.12 ng/ml



#28 AR-1254-3

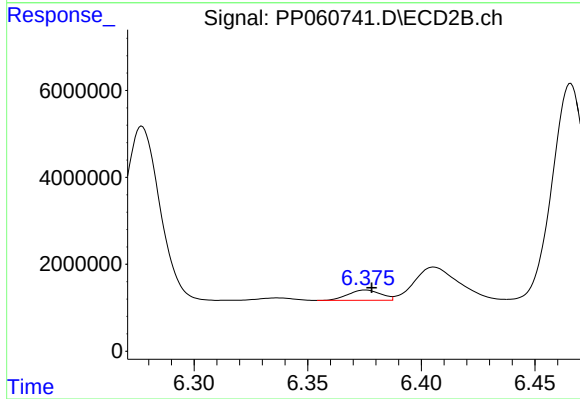
R.T.: 6.161 min
Delta R.T.: 0.012 min
Response: 31170860
Conc: 217.48 ng/ml



#29 AR-1254-4

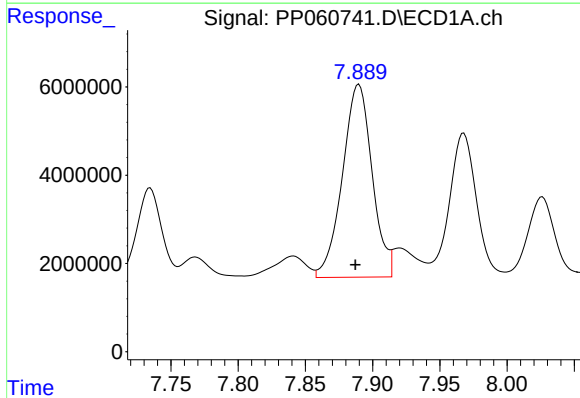
R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 7093685
Conc: 72.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



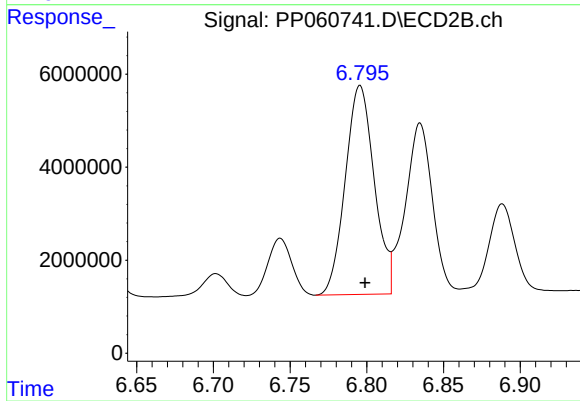
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 2367916
Conc: 27.17 ng/ml



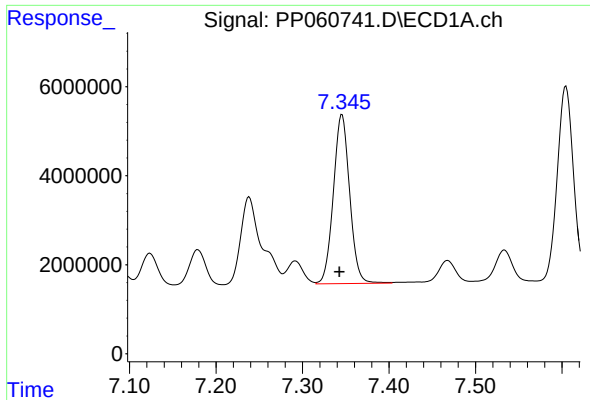
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.003 min
Response: 67097392
Conc: 619.30 ng/ml



#30 AR-1254-5

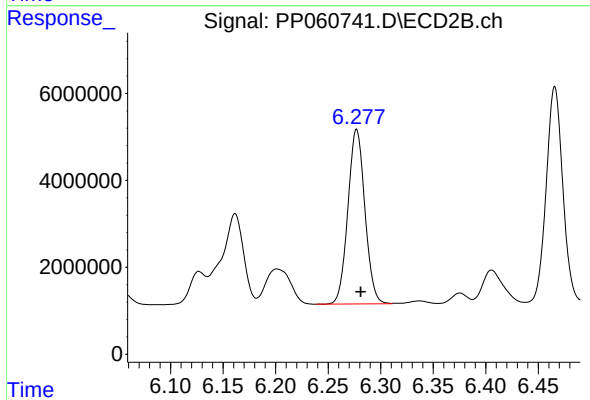
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 59315540
Conc: 468.08 ng/ml



#31 AR-1260-1

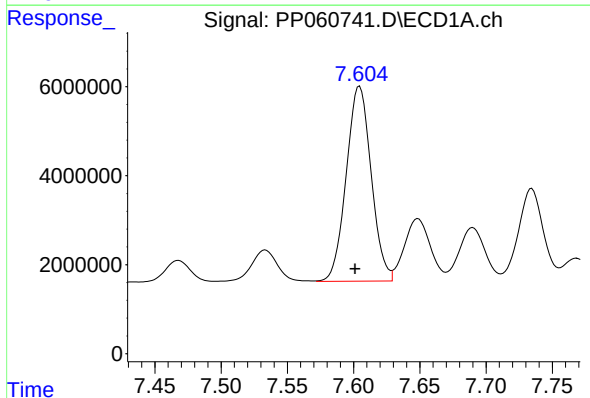
R.T.: 7.346 min
Delta R.T.: 0.003 min
Response: 49539501
Conc: 472.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



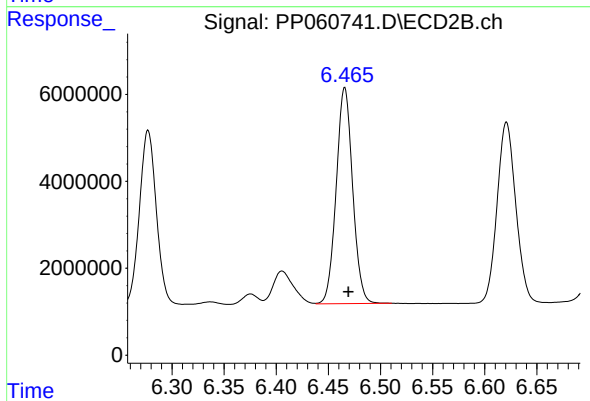
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 45288103
Conc: 451.19 ng/ml



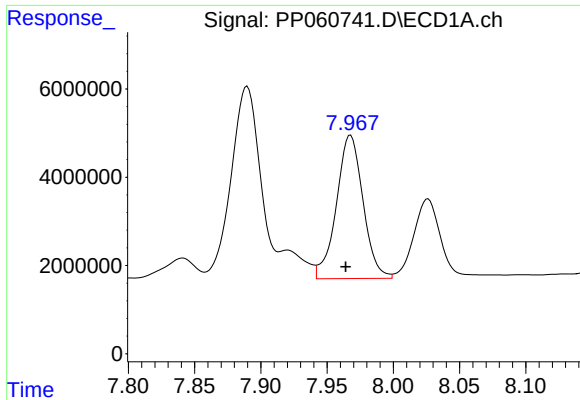
#32 AR-1260-2

R.T.: 7.605 min
Delta R.T.: 0.003 min
Response: 57400441
Conc: 474.75 ng/ml



#32 AR-1260-2

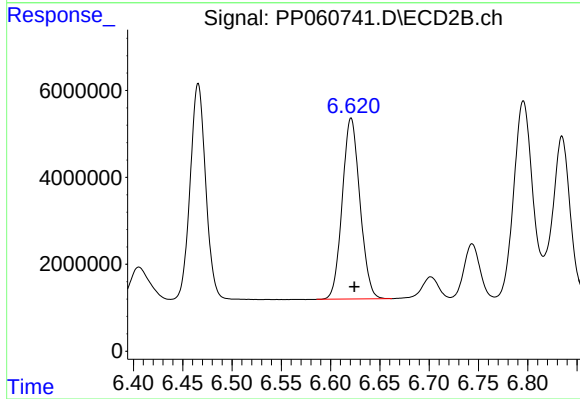
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 54512169
Conc: 456.92 ng/ml



#33 AR-1260-3

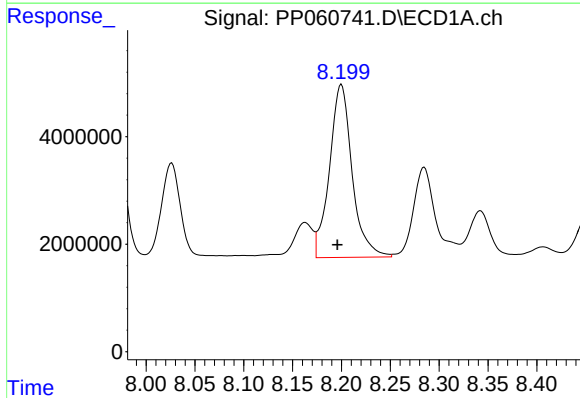
R.T.: 7.968 min
Delta R.T.: 0.004 min
Response: 45406828
Conc: 489.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



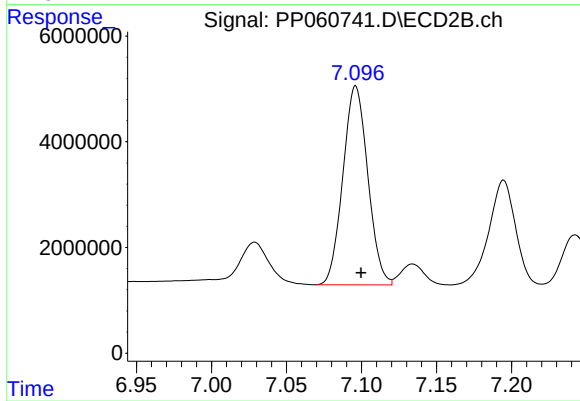
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 51921472
Conc: 453.48 ng/ml



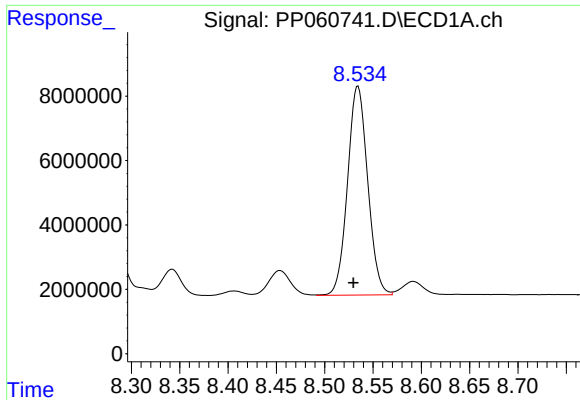
#34 AR-1260-4

R.T.: 8.200 min
Delta R.T.: 0.004 min
Response: 52011179
Conc: 490.44 ng/ml



#34 AR-1260-4

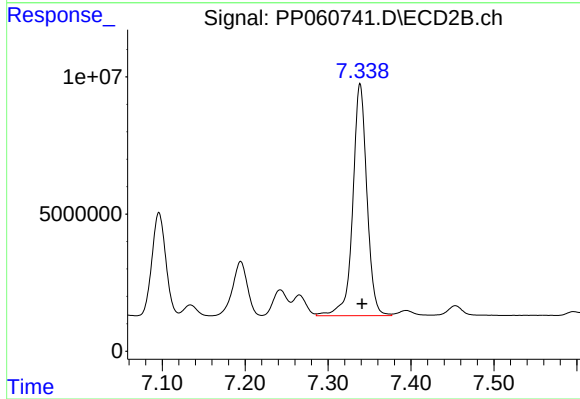
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 43407771
Conc: 456.05 ng/ml



#35 AR-1260-5

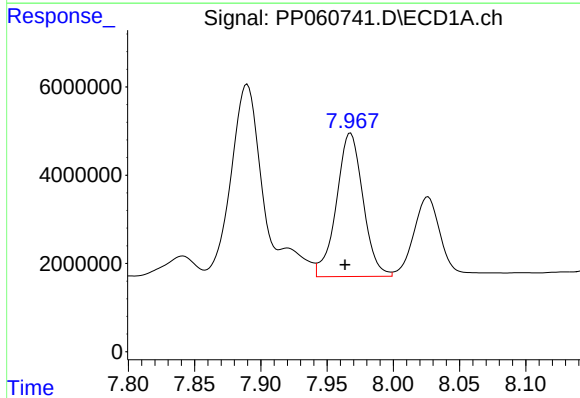
R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 94241556
Conc: 486.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



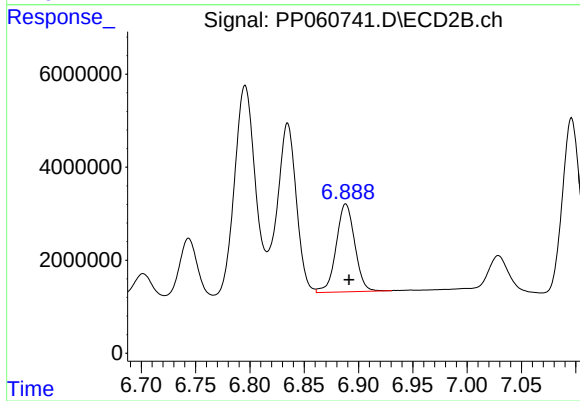
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 100243952
Conc: 462.56 ng/ml



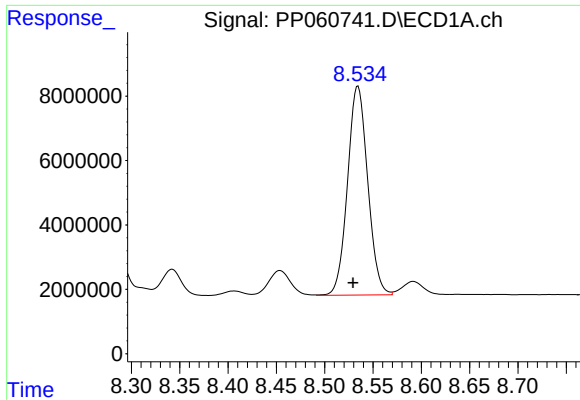
#36 AR-1262-1

R.T.: 7.968 min
Delta R.T.: 0.004 min
Response: 45406828
Conc: 364.03 ng/ml



#36 AR-1262-1

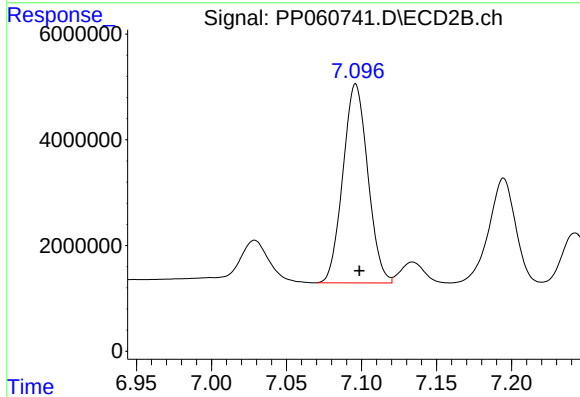
R.T.: 6.888 min
Delta R.T.: -0.003 min
Response: 22486581
Conc: 419.94 ng/ml



#37 AR-1262-2

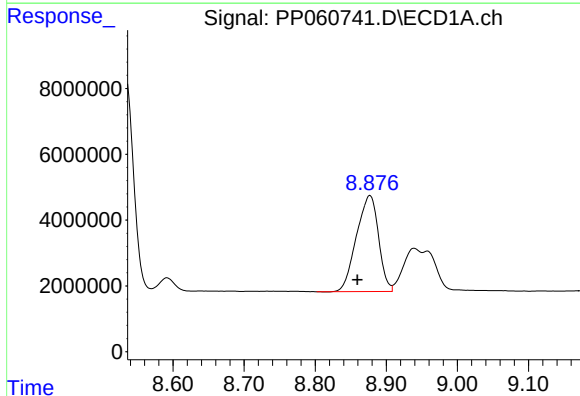
R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 94241556
Conc: 449.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



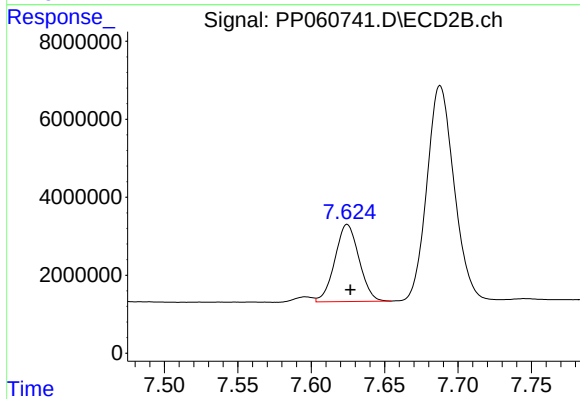
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 43407771
Conc: 368.02 ng/ml



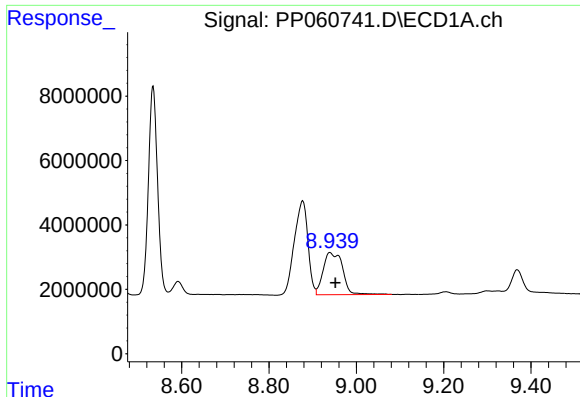
#38 AR-1262-3

R.T.: 8.877 min
Delta R.T.: 0.018 min
Response: 62946978
Conc: 415.94 ng/ml



#38 AR-1262-3

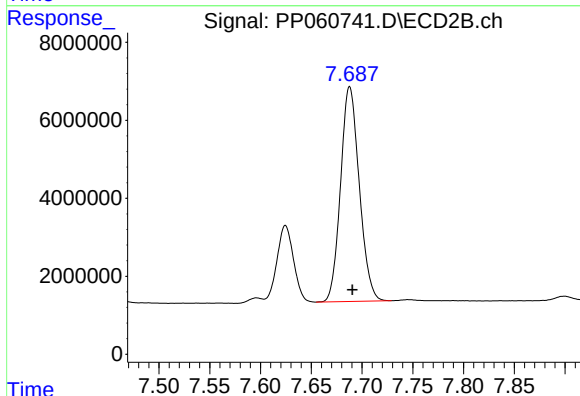
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 22634596
Conc: 245.47 ng/ml



#39 AR-1262-4

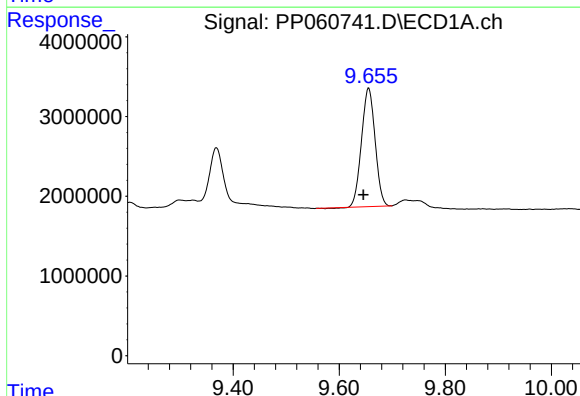
R.T.: 8.939 min
Delta R.T.: -0.012 min
Response: 40374157
Conc: 337.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



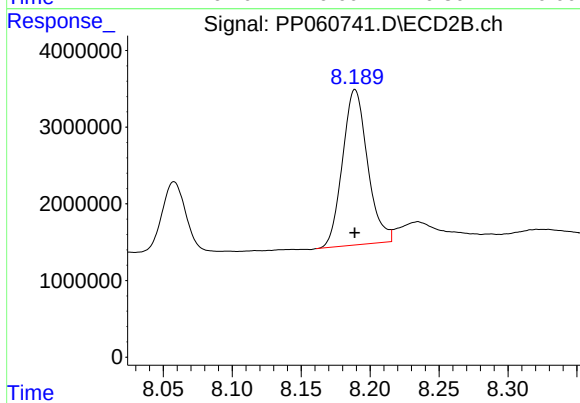
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 70688019
Conc: 419.61 ng/ml



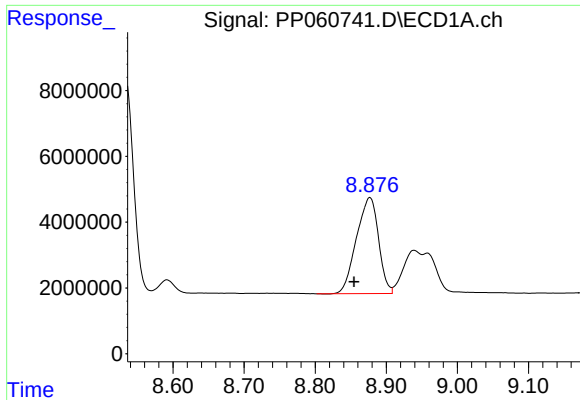
#40 AR-1262-5

R.T.: 9.656 min
Delta R.T.: 0.010 min
Response: 26307829
Conc: 328.58 ng/ml



#40 AR-1262-5

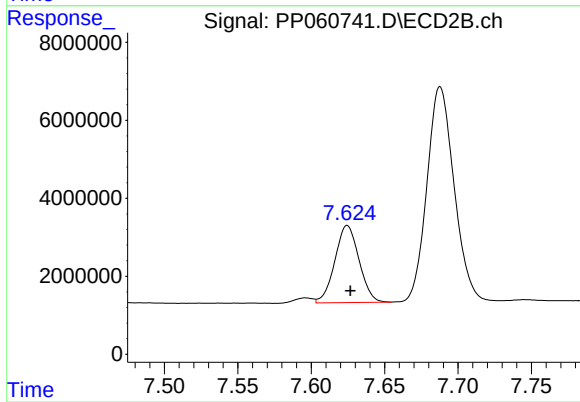
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 25641978
Conc: 330.97 ng/ml



#41 AR-1268-1

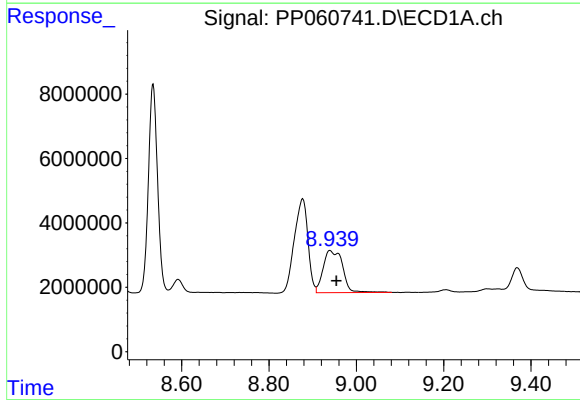
R.T.: 8.877 min
Delta R.T.: 0.022 min
Response: 62946978
Conc: 237.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



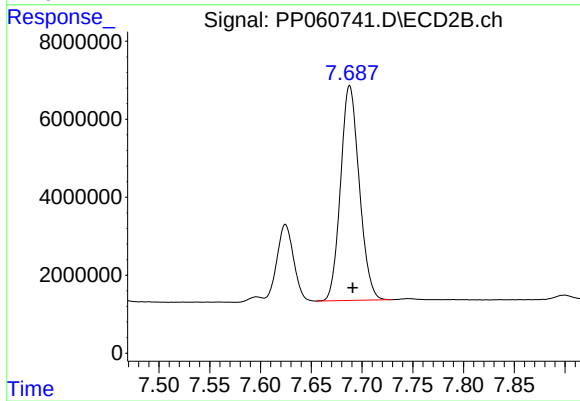
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 22634596
Conc: 83.27 ng/ml



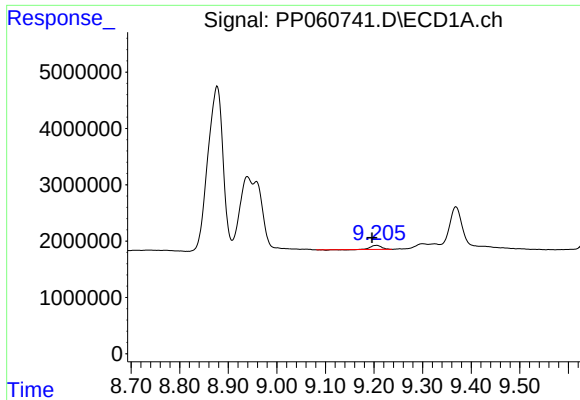
#42 AR-1268-2

R.T.: 8.939 min
Delta R.T.: -0.015 min
Response: 40374157
Conc: 165.65 ng/ml



#42 AR-1268-2

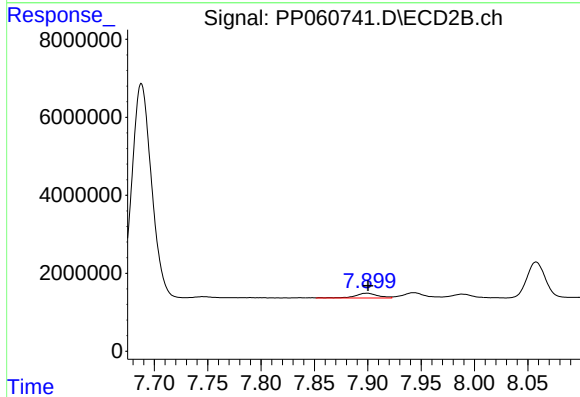
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 70688019
Conc: 289.85 ng/ml



#43 AR-1268-3

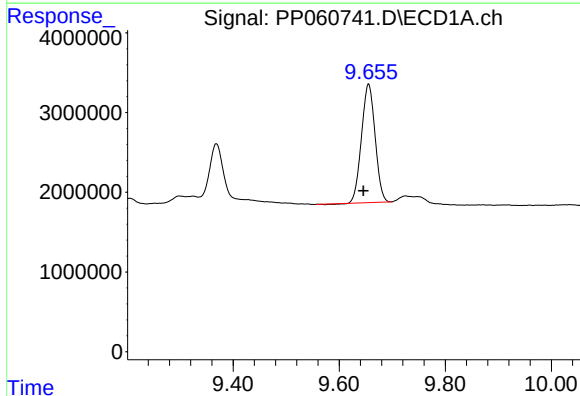
R.T.: 9.205 min
Delta R.T.: 0.009 min
Response: 1042786
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



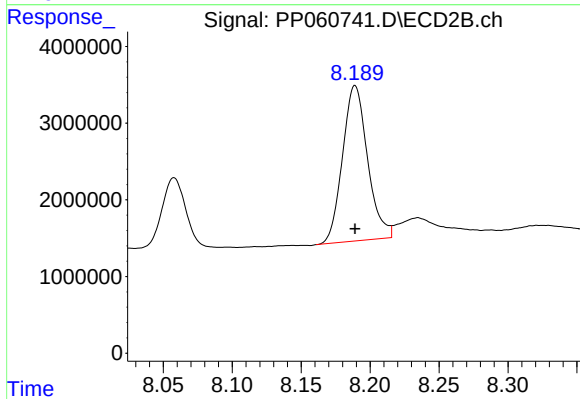
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 1794216
Conc: 8.39 ng/ml



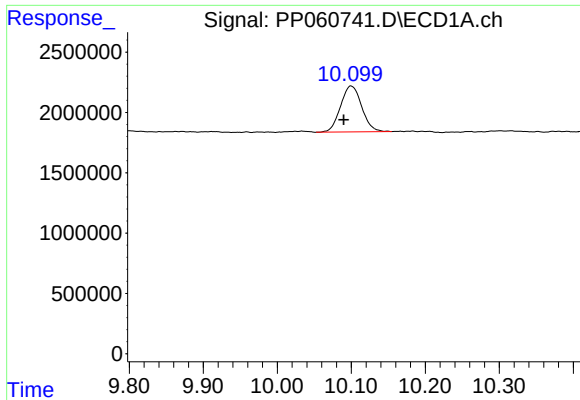
#44 AR-1268-4

R.T.: 9.656 min
Delta R.T.: 0.010 min
Response: 26307829
Conc: 284.77 ng/ml



#44 AR-1268-4

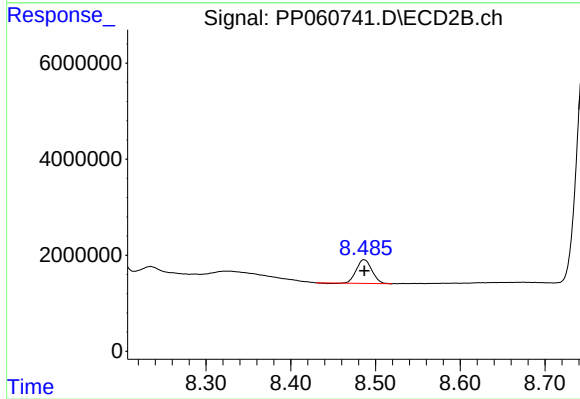
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 25641978
Conc: 292.26 ng/ml



#45 AR-1268-5

R.T.: 10.100 min
Delta R.T.: 0.010 min
Response: 7579343
Conc: 11.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 6255518
Conc: 10.01 ng/ml