

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011223\
 Data File : PP054530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2023 18:00
 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: Jan 12 20:59:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.337	3.586	124.5E6	91489418	61.468	56.720
2)	SA Decachlor...	10.097	8.605	69748552	83486590	48.565	59.183
Target Compounds							
3)	L1 AR-1016-1	5.507	4.689	37049494	72893061	501.368	1400.917 #
4)	L1 AR-1016-2	5.530	4.689	52950700	72893061	496.170	1017.738 #
5)	L1 AR-1016-3	5.592	4.866	32641193	21983624	477.118	560.407
6)	L1 AR-1016-4	5.691	4.908	23496689	18255790	451.300	530.478
7)	L1 AR-1016-5	5.987	5.122	22247117	24695189	491.359	561.671
8)	L2 AR-1221-1	4.541	3.798	4246696	3201768	176.620	167.559
9)	L2 AR-1221-2	4.633	3.884	6441186	4677265	363.561	317.215
10)	L2 AR-1221-3	4.708	3.960	23143718	17333597	429.396	390.261
11)	L3 AR-1232-1	4.708	3.960	23143718	17333597	514.516	465.728
12)	L3 AR-1232-2	5.238	4.689	32424799	72893061	1242.602	1360.062
13)	L3 AR-1232-3	5.530	4.866	52950700	21983624	1151.118	1324.106
14)	L3 AR-1232-4	5.691	4.949	23496689	22925130	1049.314	1366.604 #
15)	L3 AR-1232-5	5.783	5.122	19620583	24695189	1102.526	1367.784
16)	L4 AR-1242-1	5.507	4.689	37049494	72893061	623.968	1726.607 #
17)	L4 AR-1242-2	5.530	4.689	52950700	72893061	619.353	1252.063 #
18)	L4 AR-1242-3	5.592	4.866	32641193	21983624	597.411	687.397
19)	L4 AR-1242-4	5.691	4.949	23496689	22925130	560.632	657.176
20)	L4 AR-1242-5	6.431	5.474	5652537	23568858	172.205	626.428 #
21)	L5 AR-1248-1	5.507	4.689	37049494	72893061	825.217	2240.897 #
22)	L5 AR-1248-2	5.783	4.908	19620583	18255790	308.802	369.670
23)	L5 AR-1248-3	5.987	4.949	22247117	22925130	375.321	444.240
24)	L5 AR-1248-4	6.392	5.122	6975654	24695189	120.420	418.450 #
25)	L5 AR-1248-5	6.431	5.515	5652537	5774033	101.875	116.425
26)	L6 AR-1254-1	6.366	5.474	18533381	23568858	298.276	274.837
27)	L6 AR-1254-2	6.585	5.622	16330766	17552011	174.016	236.262 #
28)	L6 AR-1254-3	6.953	6.043	7454975	30871548	78.535	265.969 #
29)	L6 AR-1254-4	7.240	6.257	5149405	2029566	75.911	32.240 #
30)	L6 AR-1254-5	7.659	6.675	48178856	54941805	633.777	574.599
31)	L7 AR-1260-1	7.119	6.158	38210999	45856442	490.171	541.323
32)	L7 AR-1260-2	7.377	6.347	43157908	53470480	481.843	559.080
33)	L7 AR-1260-3	7.738	6.501	32540855	50665486	476.188	554.298
34)	L7 AR-1260-4	7.964	6.975	37404747	41775210	469.490	551.088
35)	L7 AR-1260-5	8.281	7.217	67362211	88980921	469.686	561.727
36)	L8 AR-1262-1	7.738	6.768	32540855	23091545	386.818	565.586 #
37)	L8 AR-1262-2	8.281	6.975	67362211	41775210	475.997	482.511
38)	L8 AR-1262-3	8.604	7.502	45185325	20022592	436.358	299.922 #
39)	L8 AR-1262-4	8.681	7.566	14343161	65374204	283.320	558.654 #
40)	L8 AR-1262-5	9.340	8.062	19770203	19735926	351.932	358.259
41)	L9 AR-1268-1	8.604	7.502	45185325	20022592	231.799	98.602 #

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

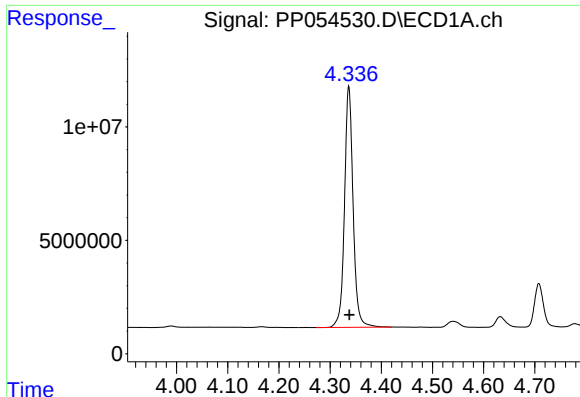
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 20:59:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.681	7.566	14343161	65374204	81.275	354.861 #
43) L9	AR-1268-3	8.915	7.774	863408	1167318	5.566	6.829
44) L9	AR-1268-4	9.340	8.062	19770203	19735926	288.942	312.369
45) L9	AR-1268-5	9.757	8.352	6263442	7384532	12.286	15.089

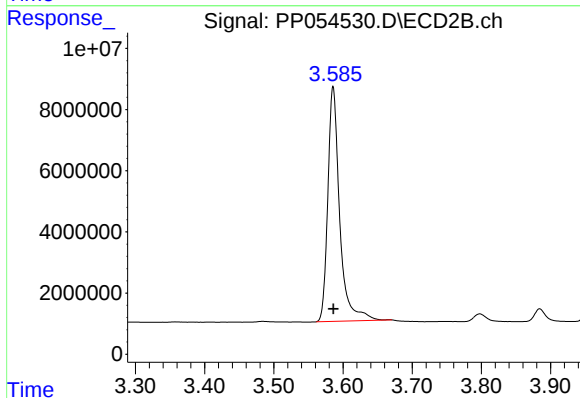
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

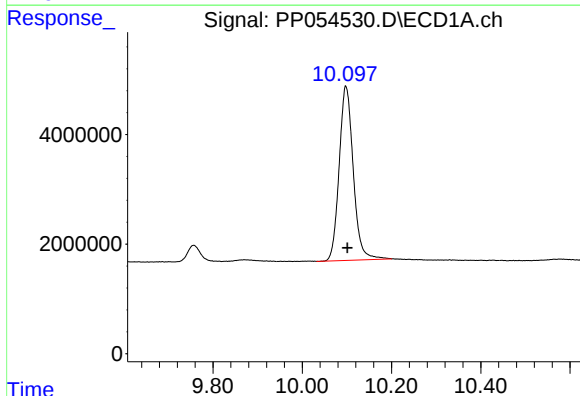
R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 124476155
Conc: 61.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



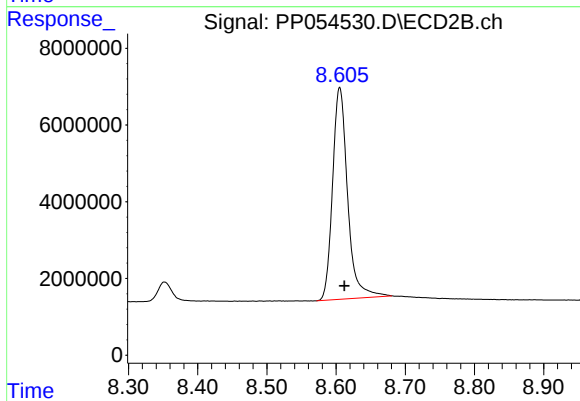
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 91489418
Conc: 56.72 ng/ml



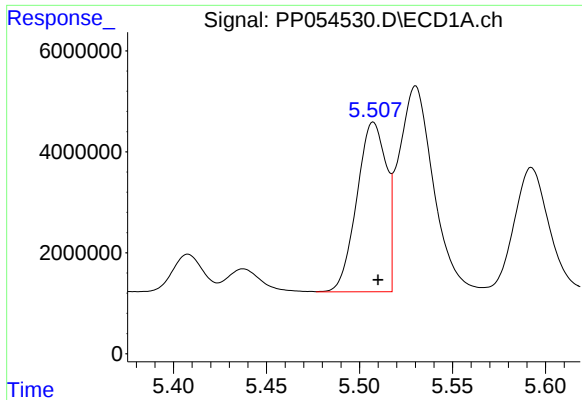
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: -0.004 min
Response: 69748552
Conc: 48.56 ng/ml



#2 Decachlorobiphenyl

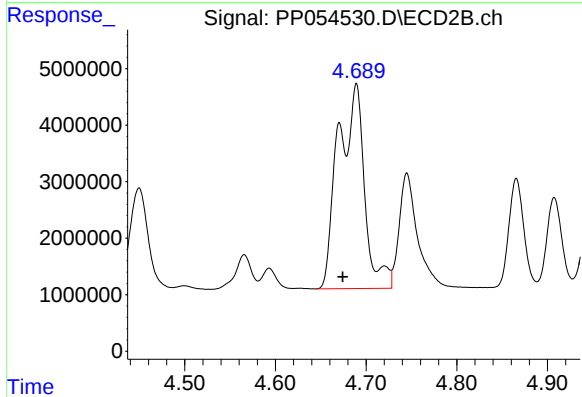
R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 83486590
Conc: 59.18 ng/ml



#3 AR-1016-1

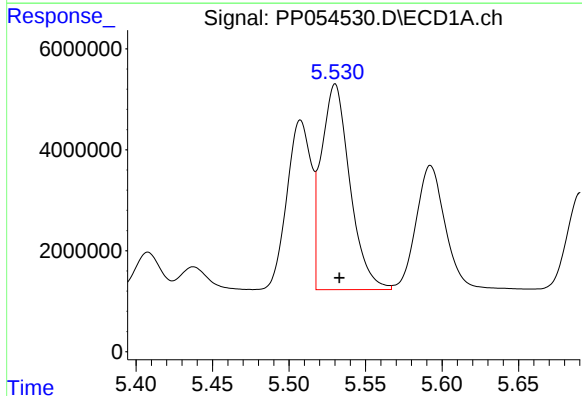
R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 37049494
Conc: 501.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



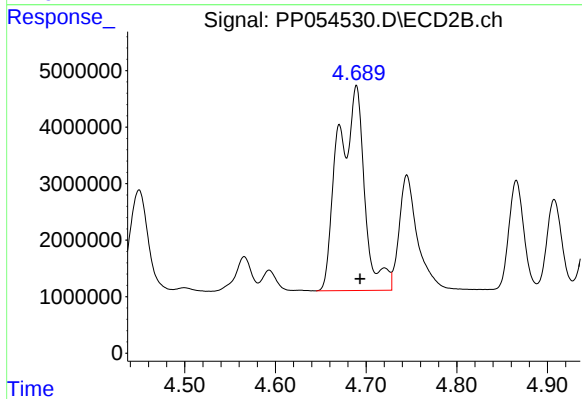
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.015 min
Response: 72893061
Conc: 1400.92 ng/ml



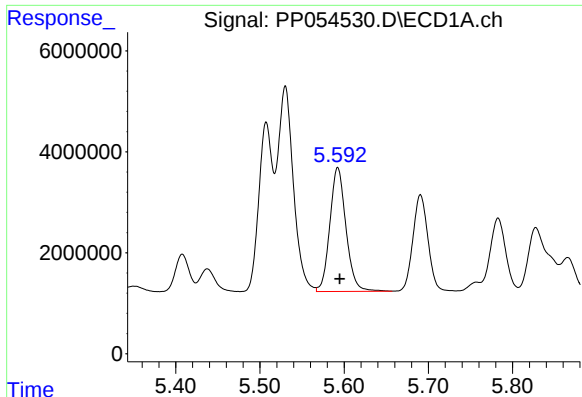
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 52950700
Conc: 496.17 ng/ml



#4 AR-1016-2

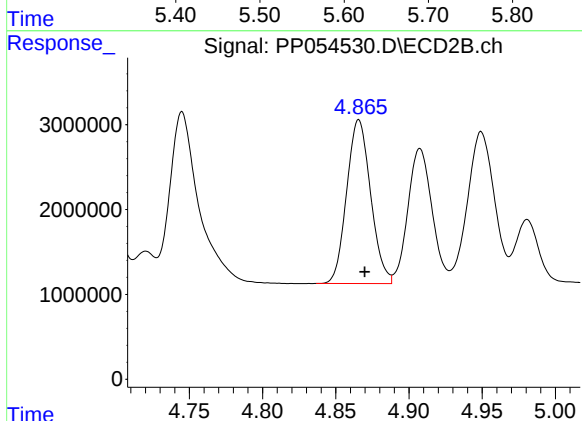
R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 72893061
Conc: 1017.74 ng/ml



#5 AR-1016-3

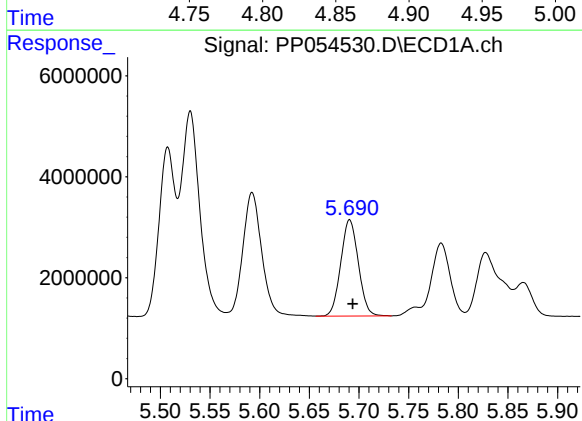
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 32641193
Conc: 477.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



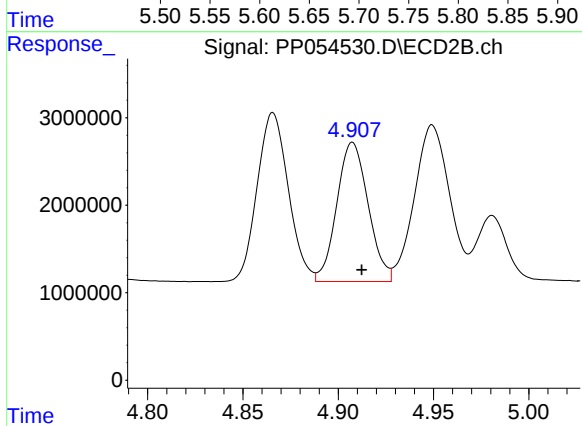
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 21983624
Conc: 560.41 ng/ml



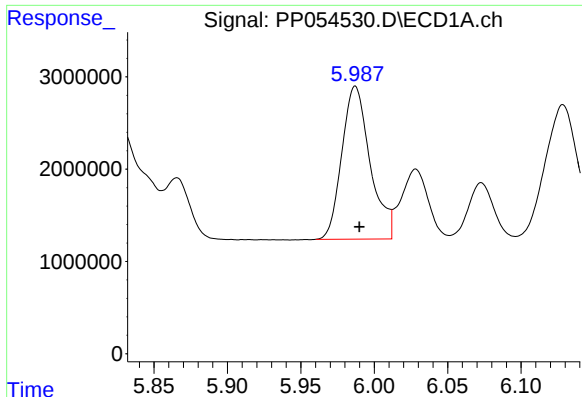
#6 AR-1016-4

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 23496689
Conc: 451.30 ng/ml



#6 AR-1016-4

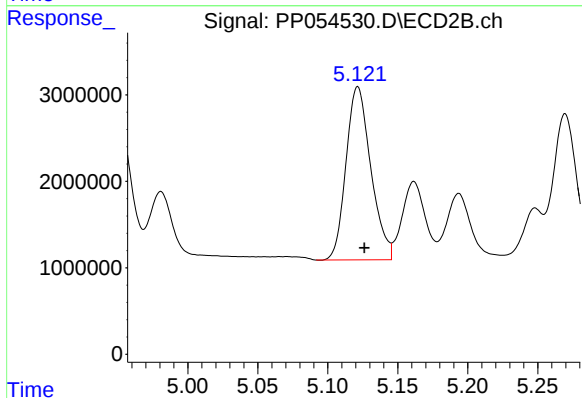
R.T.: 4.908 min
Delta R.T.: -0.005 min
Response: 18255790
Conc: 530.48 ng/ml



#7 AR-1016-5

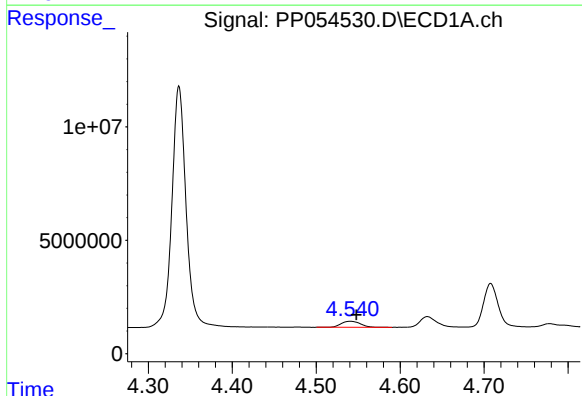
R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 22247117
Conc: 491.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



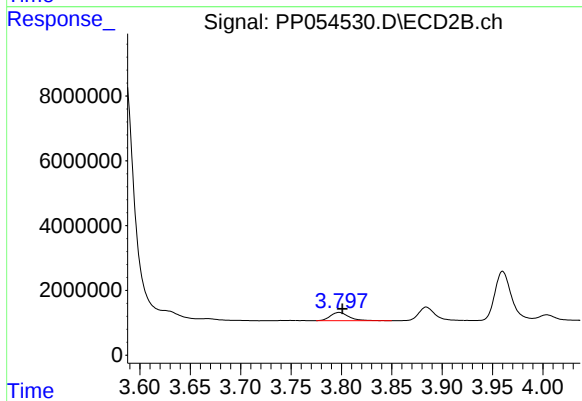
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 24695189
Conc: 561.67 ng/ml



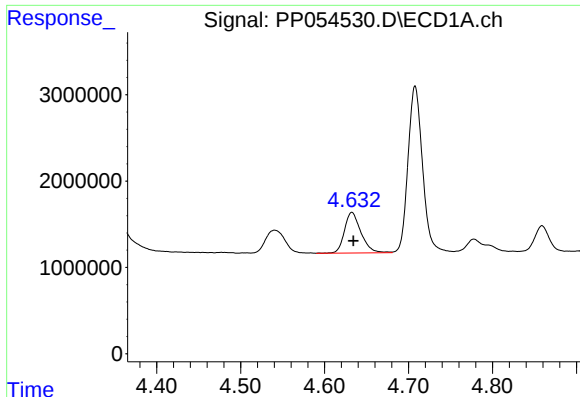
#8 AR-1221-1

R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 4246696
Conc: 176.62 ng/ml



#8 AR-1221-1

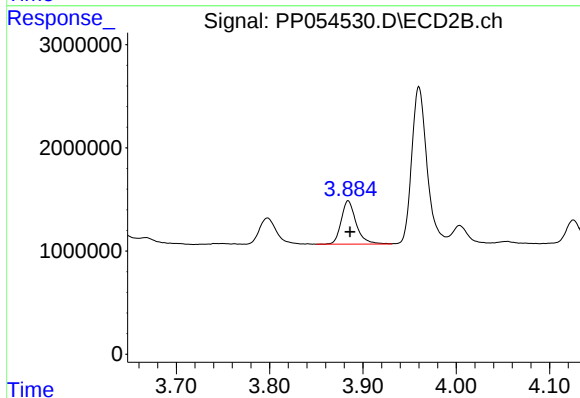
R.T.: 3.798 min
Delta R.T.: -0.003 min
Response: 3201768
Conc: 167.56 ng/ml



#9 AR-1221-2

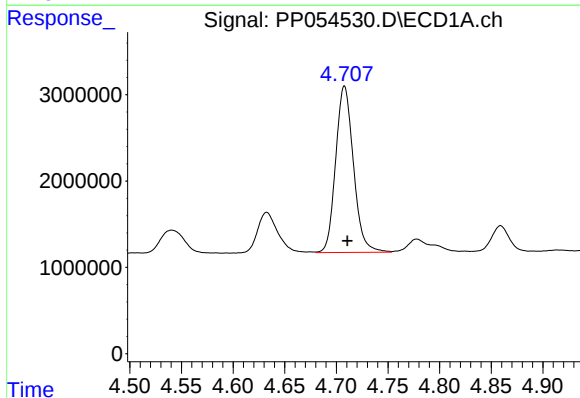
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 6441186
Conc: 363.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



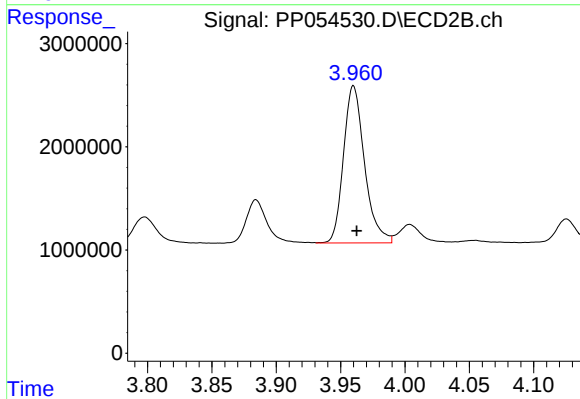
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 4677265
Conc: 317.21 ng/ml



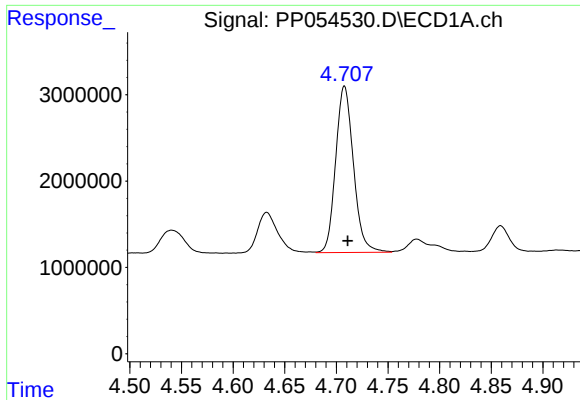
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 23143718
Conc: 429.40 ng/ml



#10 AR-1221-3

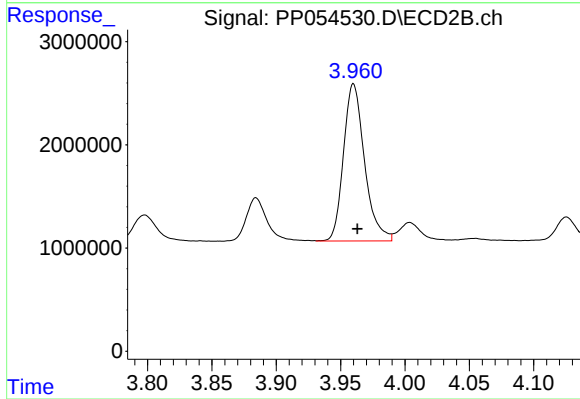
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 17333597
Conc: 390.26 ng/ml



#11 AR-1232-1

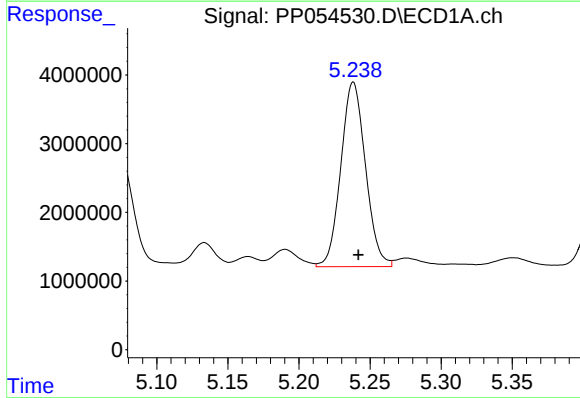
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 23143718
Conc: 514.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



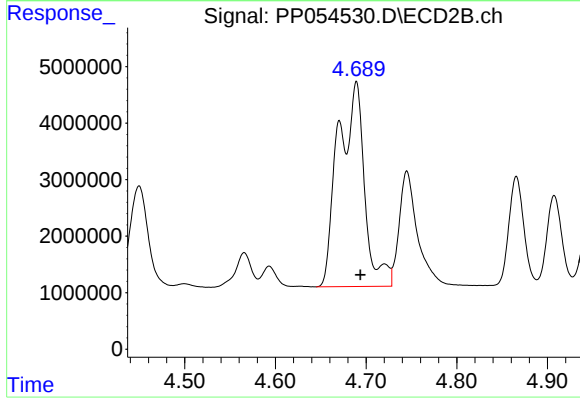
#11 AR-1232-1

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 17333597
Conc: 465.73 ng/ml



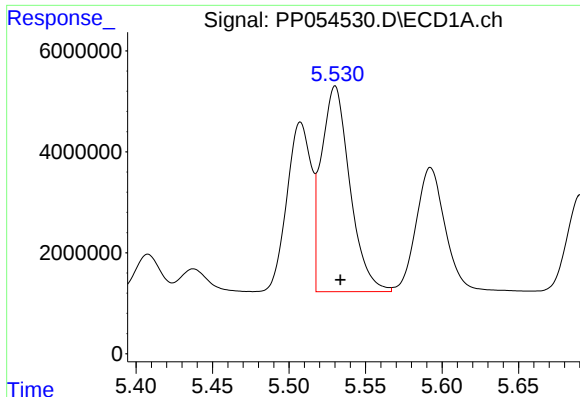
#12 AR-1232-2

R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 32424799
Conc: 1242.60 ng/ml



#12 AR-1232-2

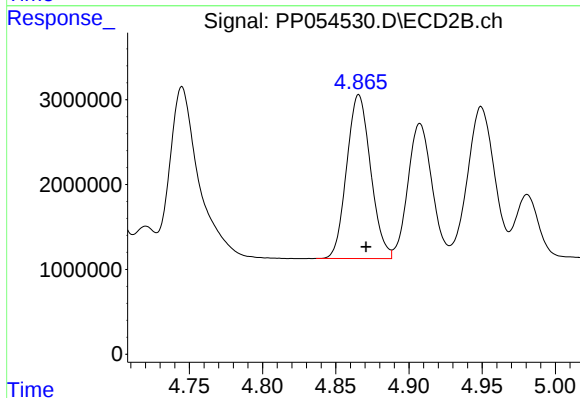
R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 72893061
Conc: 1360.06 ng/ml



#13 AR-1232-3

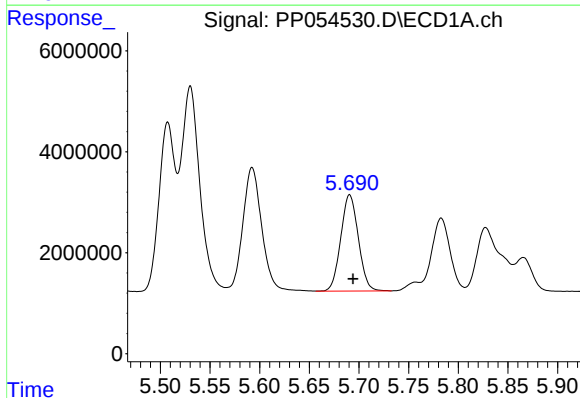
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 52950700
Conc: 1151.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



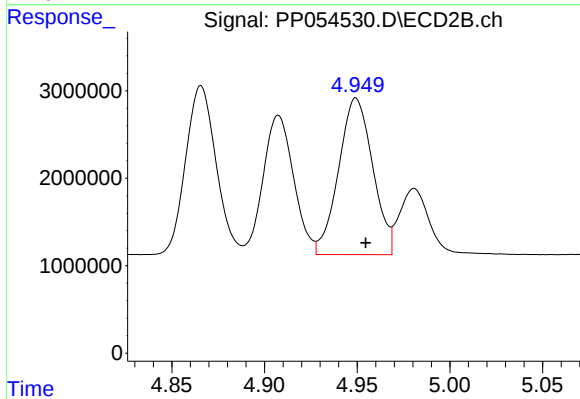
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 21983624
Conc: 1324.11 ng/ml



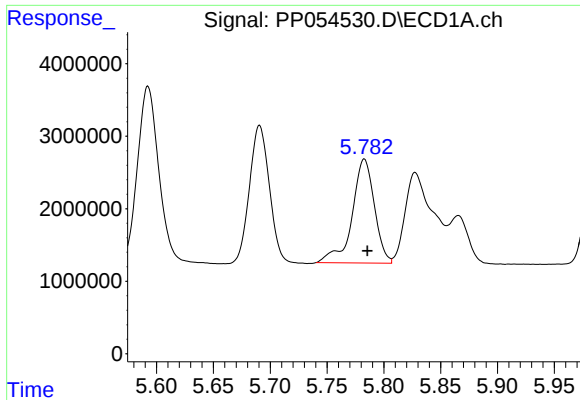
#14 AR-1232-4

R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 23496689
Conc: 1049.31 ng/ml



#14 AR-1232-4

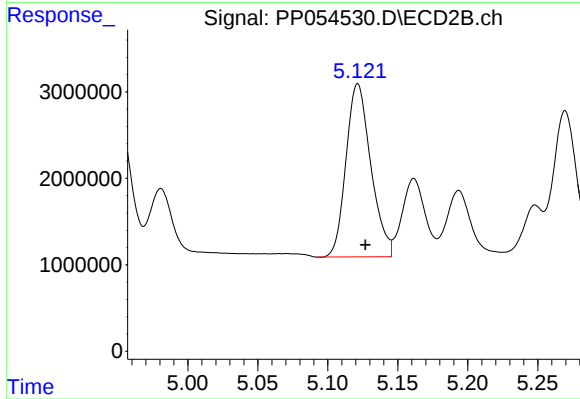
R.T.: 4.949 min
Delta R.T.: -0.005 min
Response: 22925130
Conc: 1366.60 ng/ml



#15 AR-1232-5

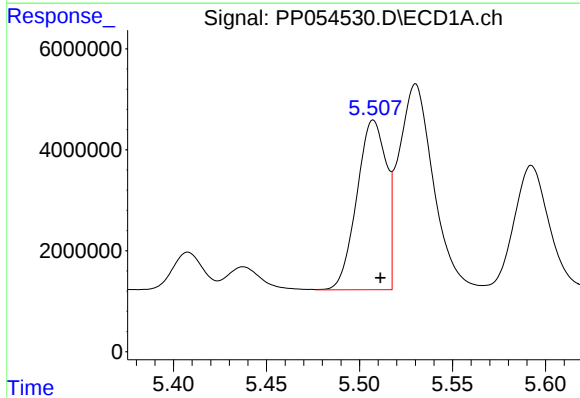
R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 19620583
Conc: 1102.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



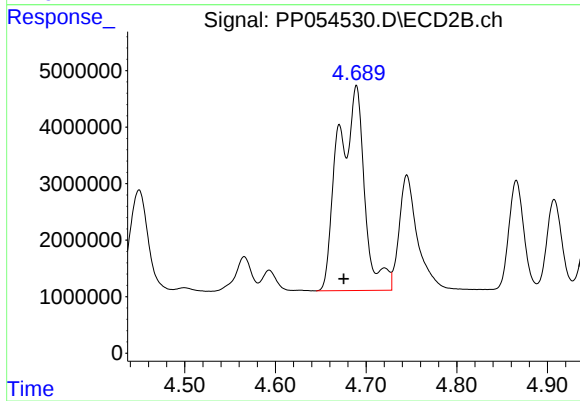
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 24695189
Conc: 1367.78 ng/ml



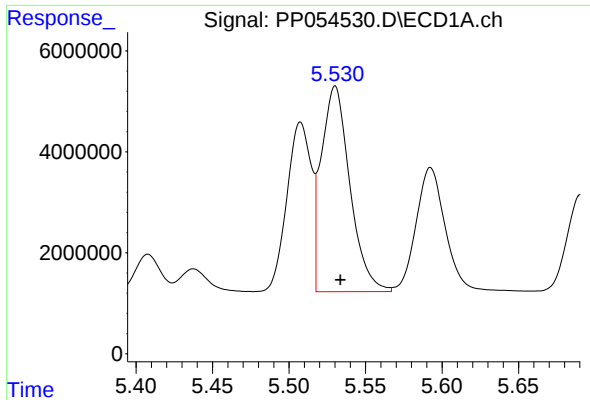
#16 AR-1242-1

R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 37049494
Conc: 623.97 ng/ml



#16 AR-1242-1

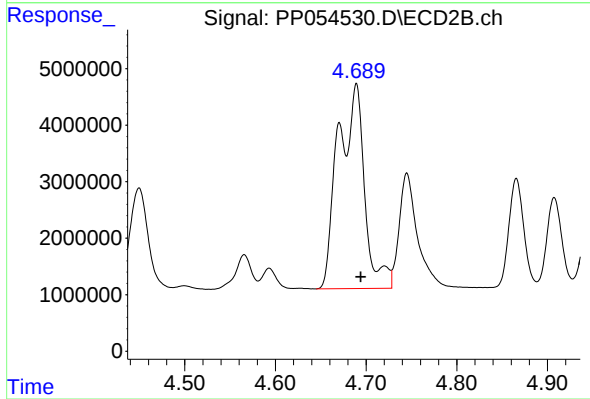
R.T.: 4.689 min
Delta R.T.: 0.014 min
Response: 72893061
Conc: 1726.61 ng/ml



#17 AR-1242-2

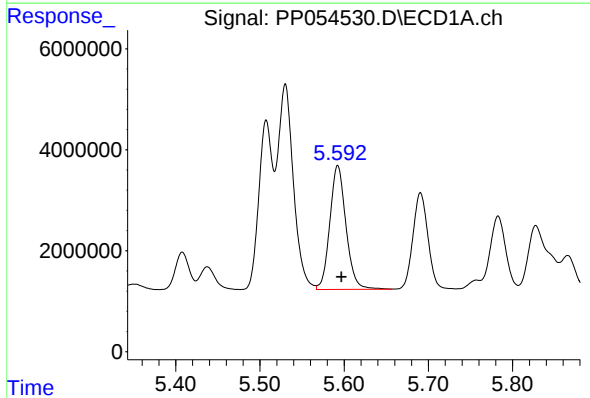
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 52950700
Conc: 619.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



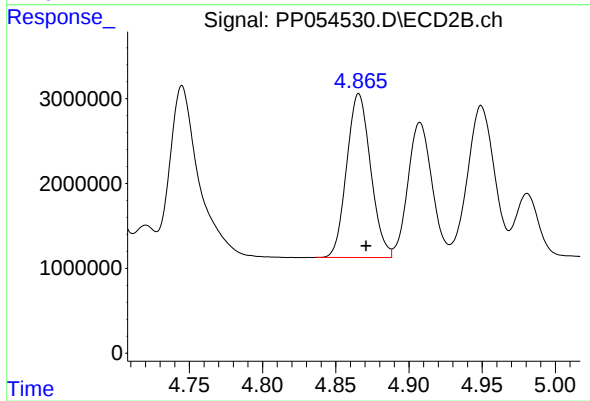
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 72893061
Conc: 1252.06 ng/ml



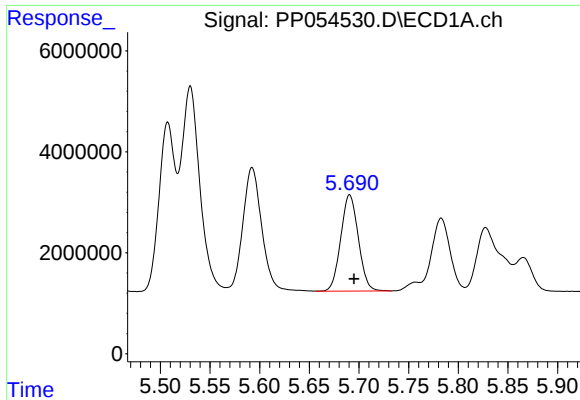
#18 AR-1242-3

R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 32641193
Conc: 597.41 ng/ml



#18 AR-1242-3

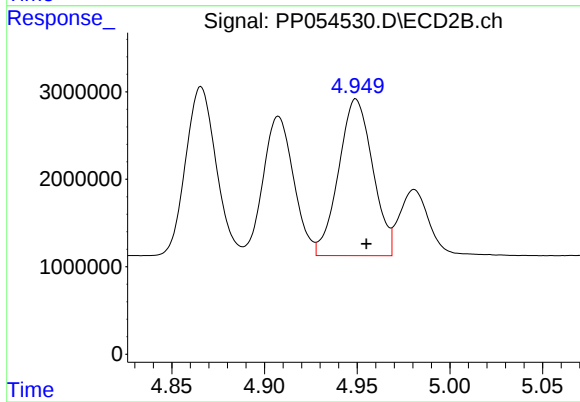
R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 21983624
Conc: 687.40 ng/ml



#19 AR-1242-4

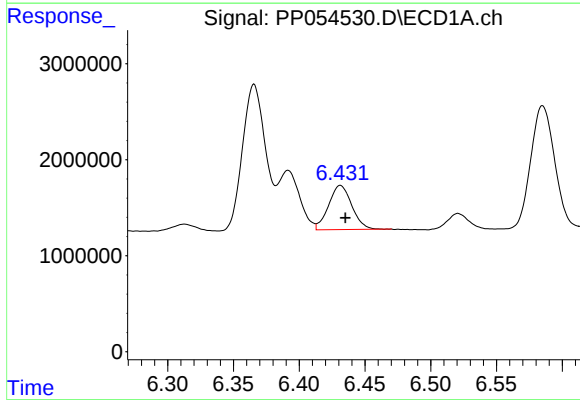
R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 23496689
Conc: 560.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



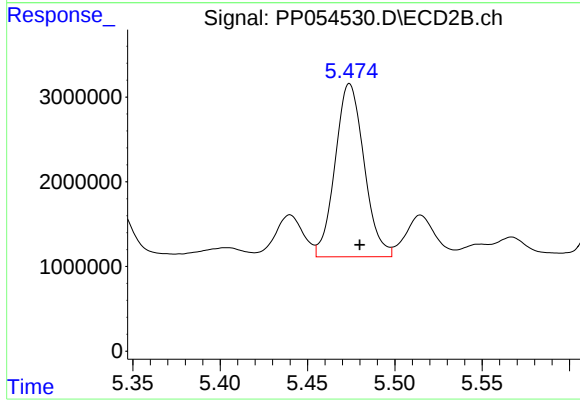
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.005 min
Response: 22925130
Conc: 657.18 ng/ml



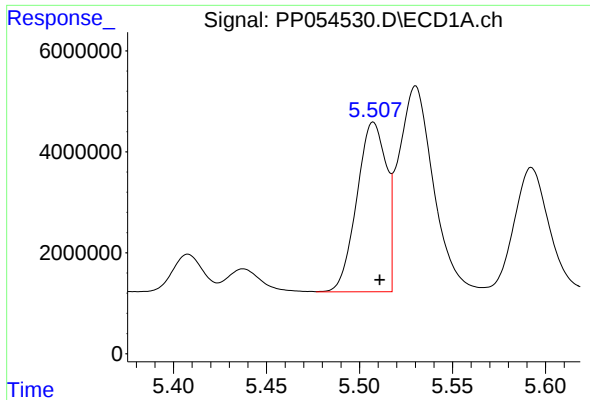
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 5652537
Conc: 172.21 ng/ml



#20 AR-1242-5

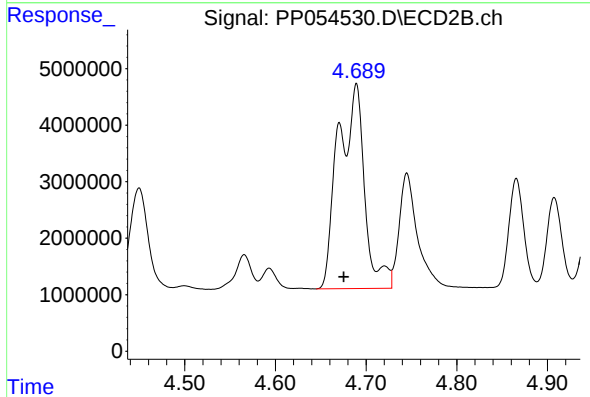
R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 23568858
Conc: 626.43 ng/ml



#21 AR-1248-1

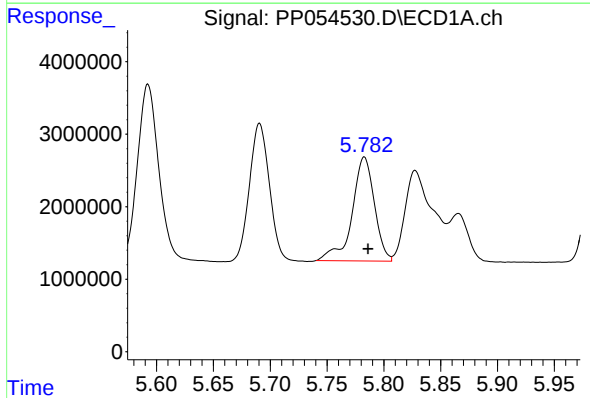
R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 37049494
Conc: 825.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



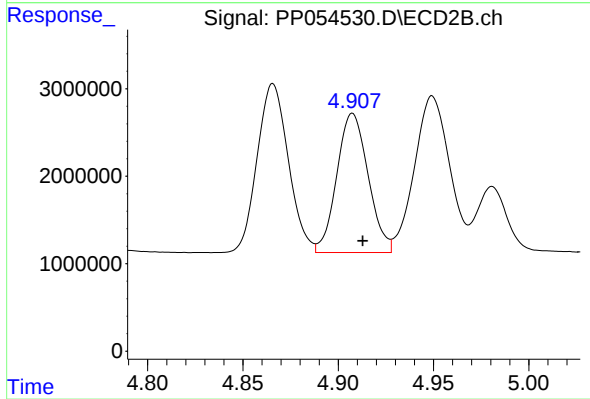
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: 0.014 min
Response: 72893061
Conc: 2240.90 ng/ml



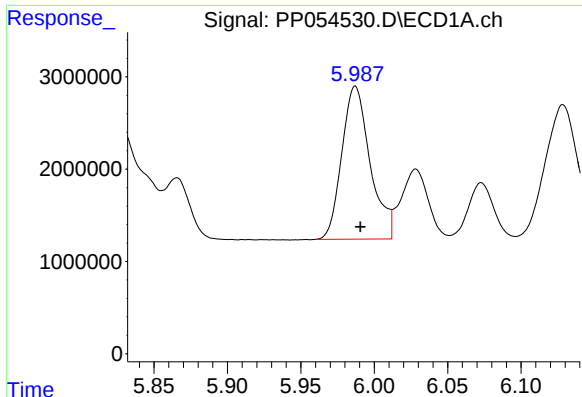
#22 AR-1248-2

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 19620583
Conc: 308.80 ng/ml



#22 AR-1248-2

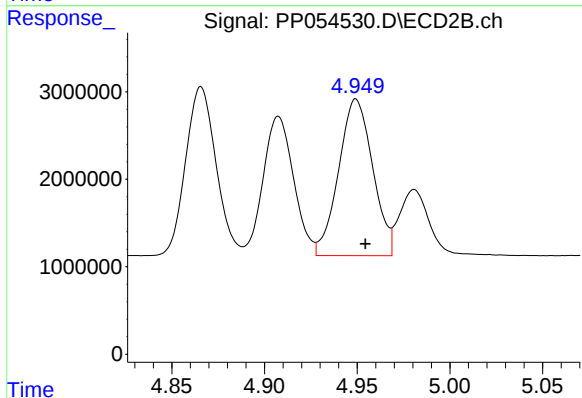
R.T.: 4.908 min
Delta R.T.: -0.005 min
Response: 18255790
Conc: 369.67 ng/ml



#23 AR-1248-3

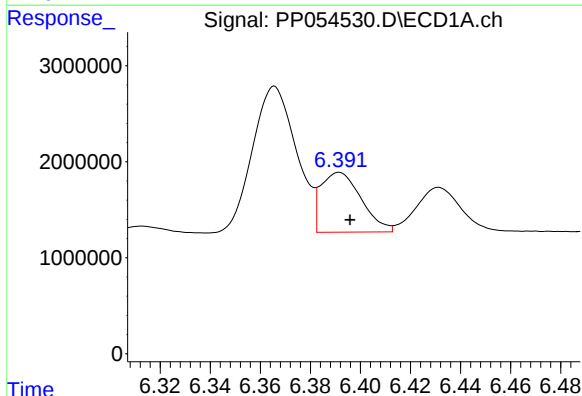
R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 22247117
Conc: 375.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



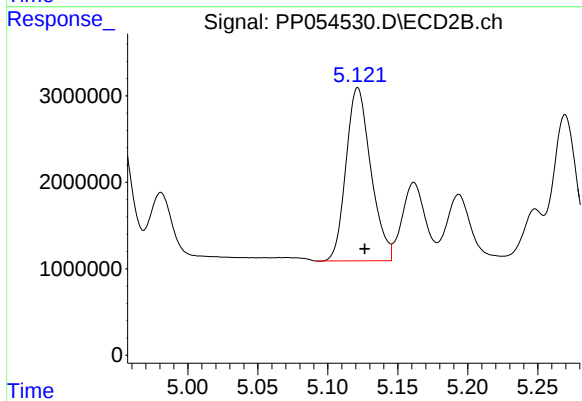
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.005 min
Response: 22925130
Conc: 444.24 ng/ml



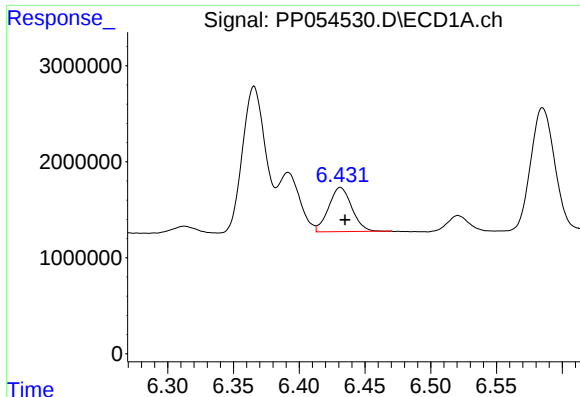
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 6975654
Conc: 120.42 ng/ml



#24 AR-1248-4

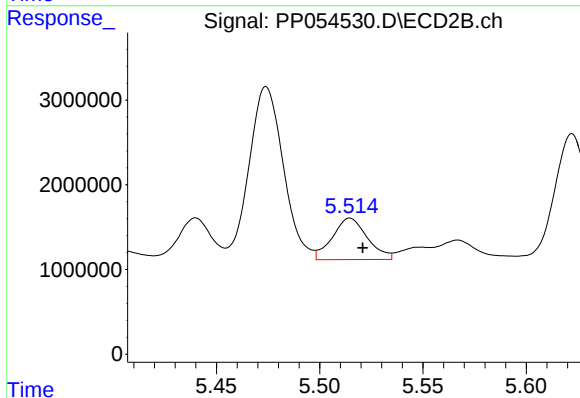
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 24695189
Conc: 418.45 ng/ml



#25 AR-1248-5

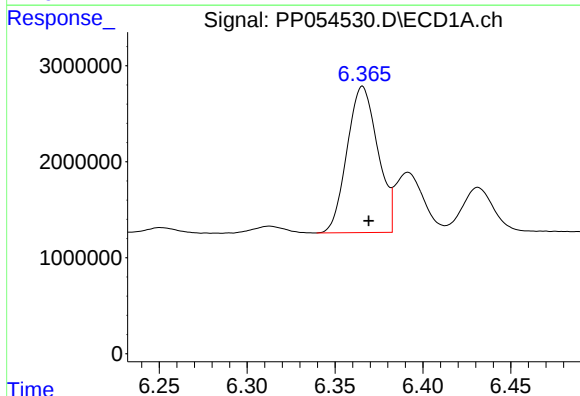
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 5652537
Conc: 101.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



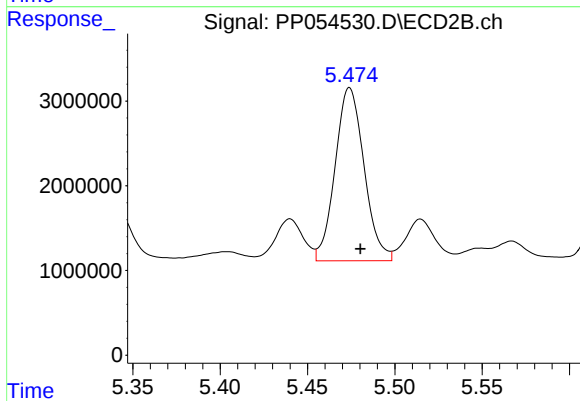
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 5774033
Conc: 116.42 ng/ml



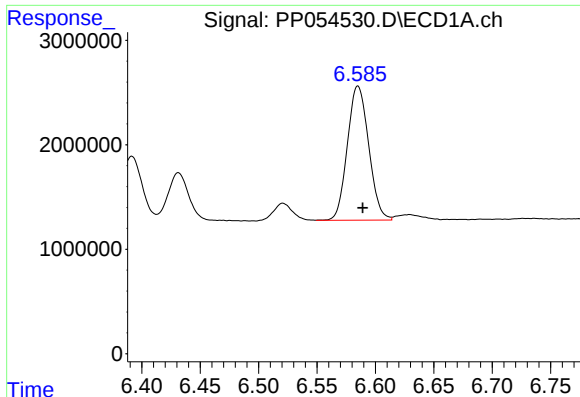
#26 AR-1254-1

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 18533381
Conc: 298.28 ng/ml



#26 AR-1254-1

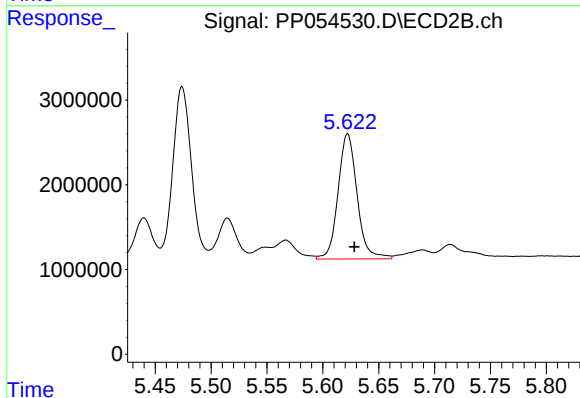
R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 23568858
Conc: 274.84 ng/ml



#27 AR-1254-2

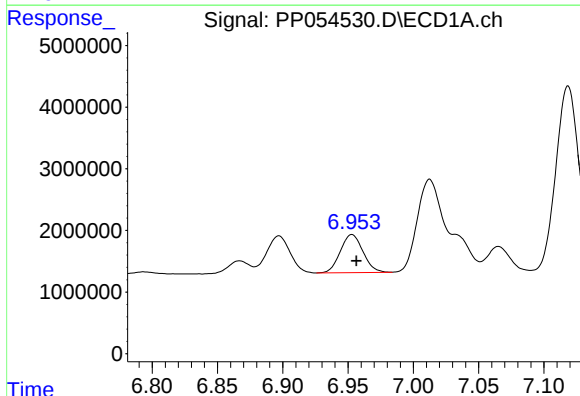
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 16330766
Conc: 174.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



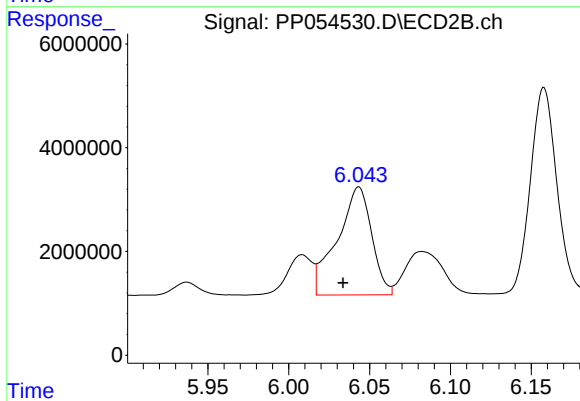
#27 AR-1254-2

R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 17552011
Conc: 236.26 ng/ml



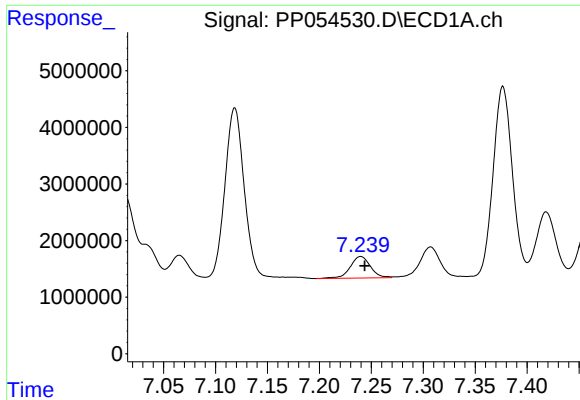
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.003 min
Response: 7454975
Conc: 78.53 ng/ml



#28 AR-1254-3

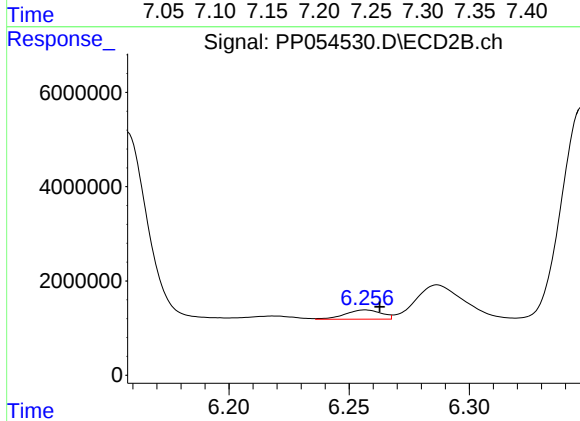
R.T.: 6.043 min
Delta R.T.: 0.010 min
Response: 30871548
Conc: 265.97 ng/ml



#29 AR-1254-4

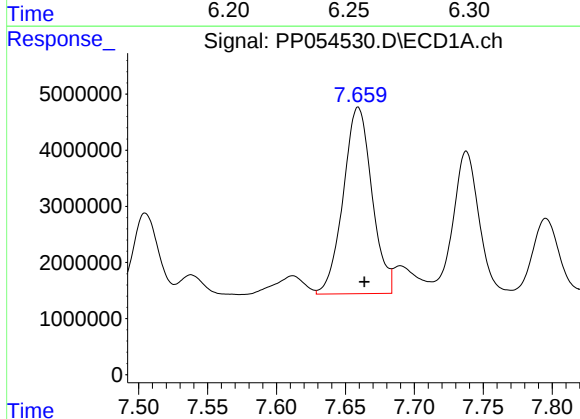
R.T.: 7.240 min
Delta R.T.: -0.004 min
Response: 5149405
Conc: 75.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



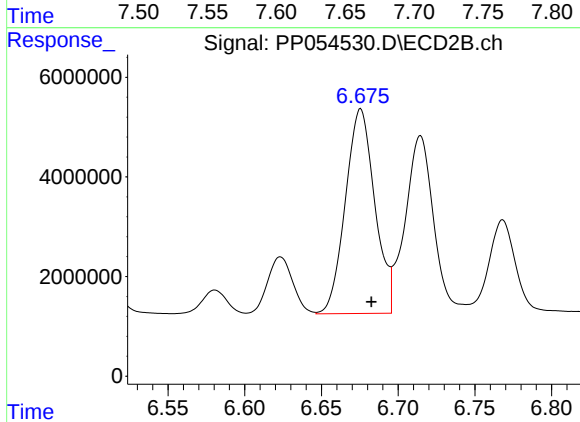
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.006 min
Response: 2029566
Conc: 32.24 ng/ml



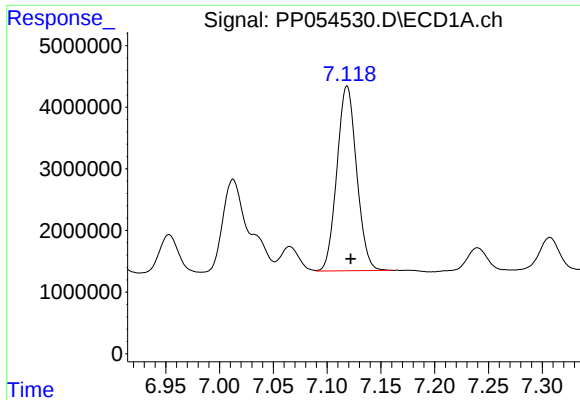
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 48178856
Conc: 633.78 ng/ml



#30 AR-1254-5

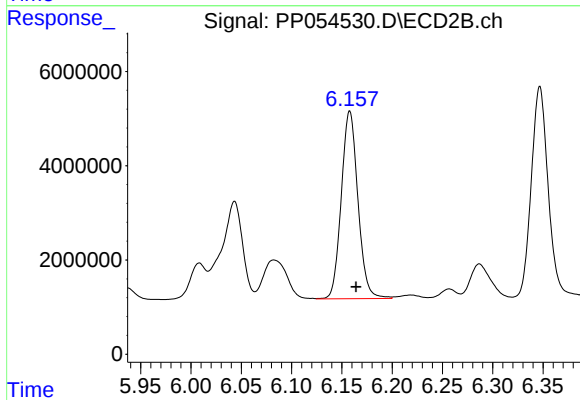
R.T.: 6.675 min
Delta R.T.: -0.007 min
Response: 54941805
Conc: 574.60 ng/ml



#31 AR-1260-1

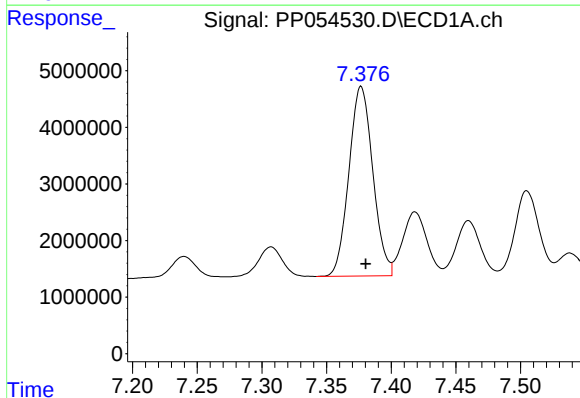
R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 38210999
Conc: 490.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



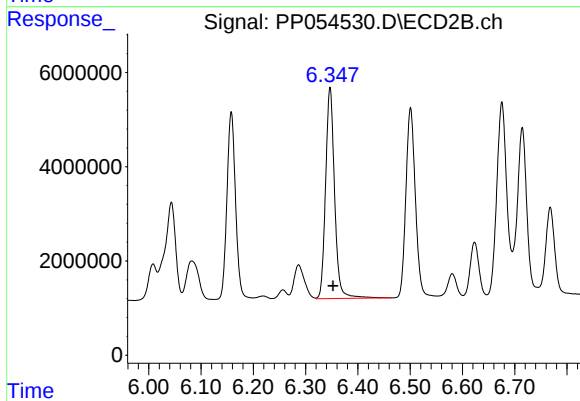
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 45856442
Conc: 541.32 ng/ml



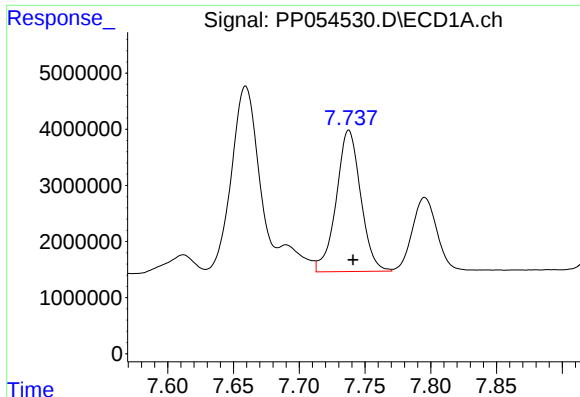
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.004 min
Response: 43157908
Conc: 481.84 ng/ml



#32 AR-1260-2

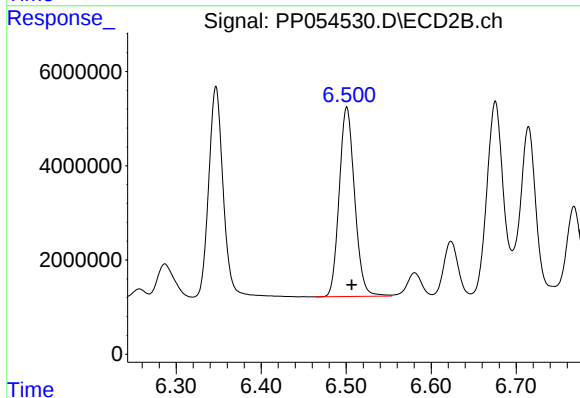
R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 53470480
Conc: 559.08 ng/ml



#33 AR-1260-3

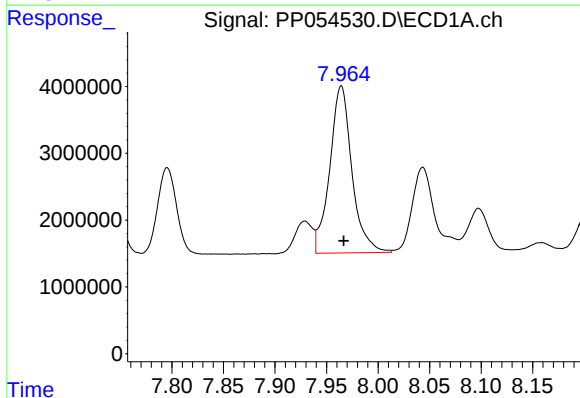
R.T.: 7.738 min
Delta R.T.: -0.003 min
Response: 32540855
Conc: 476.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



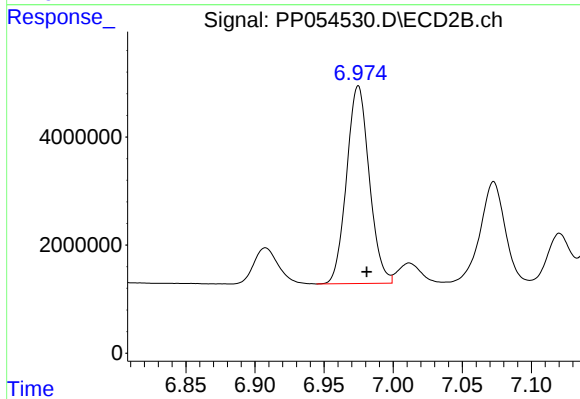
#33 AR-1260-3

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 50665486
Conc: 554.30 ng/ml



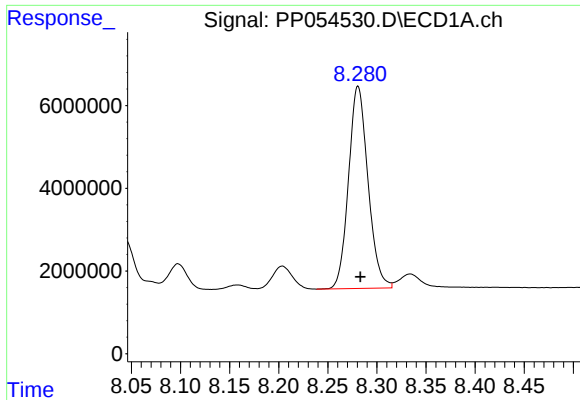
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.002 min
Response: 37404747
Conc: 469.49 ng/ml



#34 AR-1260-4

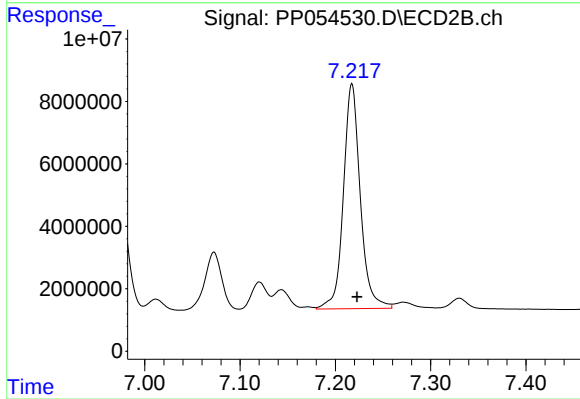
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 41775210
Conc: 551.09 ng/ml



#35 AR-1260-5

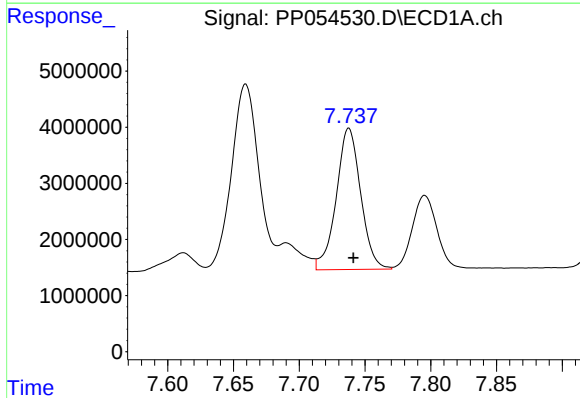
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 67362211
Conc: 469.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



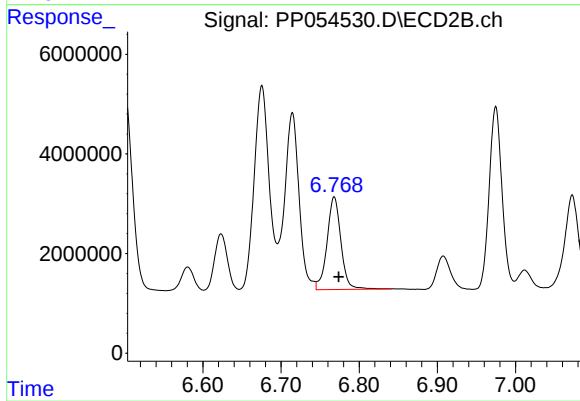
#35 AR-1260-5

R.T.: 7.217 min
Delta R.T.: -0.005 min
Response: 88980921
Conc: 561.73 ng/ml



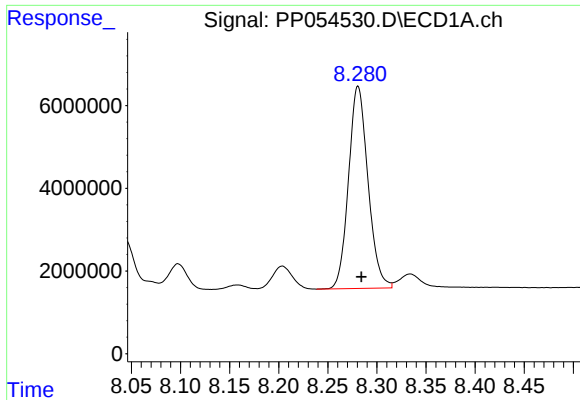
#36 AR-1262-1

R.T.: 7.738 min
Delta R.T.: -0.004 min
Response: 32540855
Conc: 386.82 ng/ml



#36 AR-1262-1

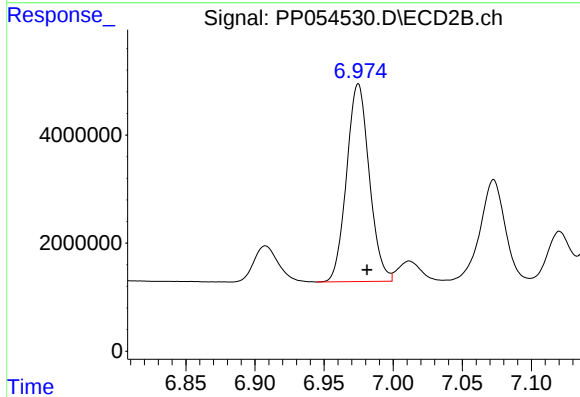
R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 23091545
Conc: 565.59 ng/ml



#37 AR-1262-2

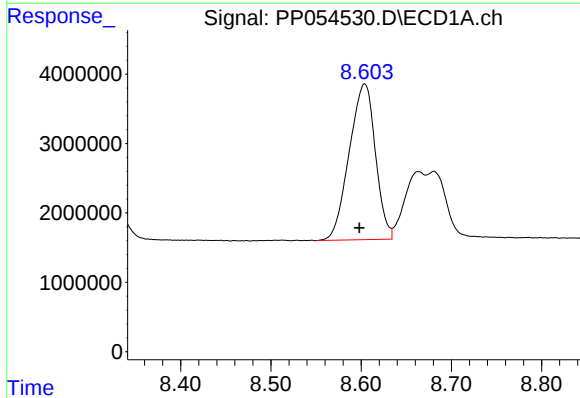
R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 67362211
Conc: 476.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



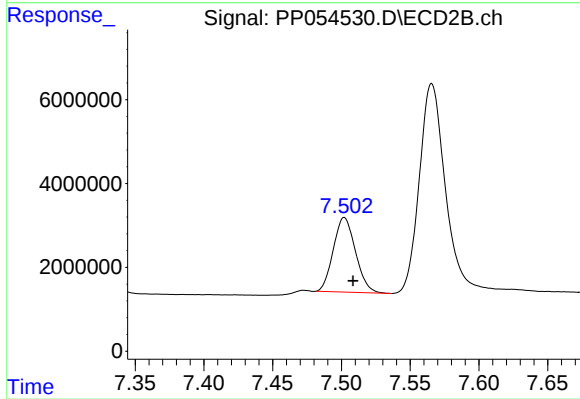
#37 AR-1262-2

R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 41775210
Conc: 482.51 ng/ml



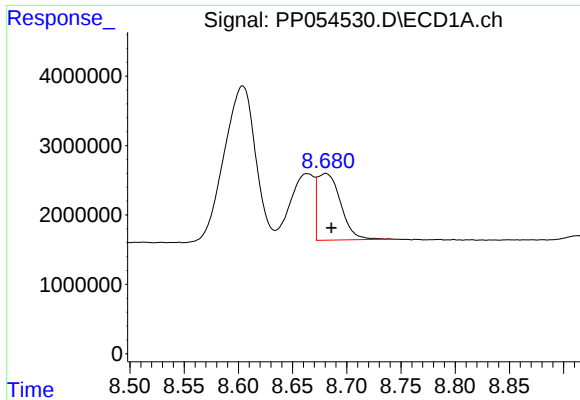
#38 AR-1262-3

R.T.: 8.604 min
Delta R.T.: 0.006 min
Response: 45185325
Conc: 436.36 ng/ml



#38 AR-1262-3

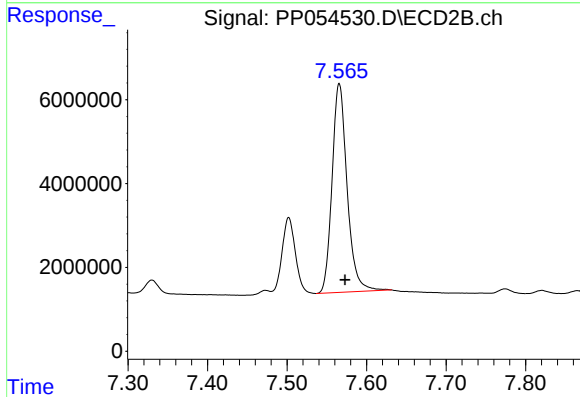
R.T.: 7.502 min
Delta R.T.: -0.006 min
Response: 20022592
Conc: 299.92 ng/ml



#39 AR-1262-4

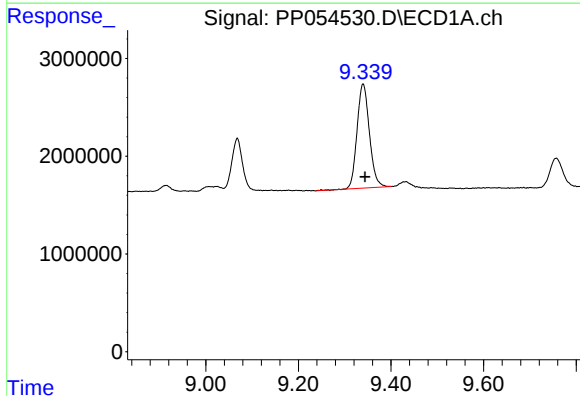
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 14343161
Conc: 283.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



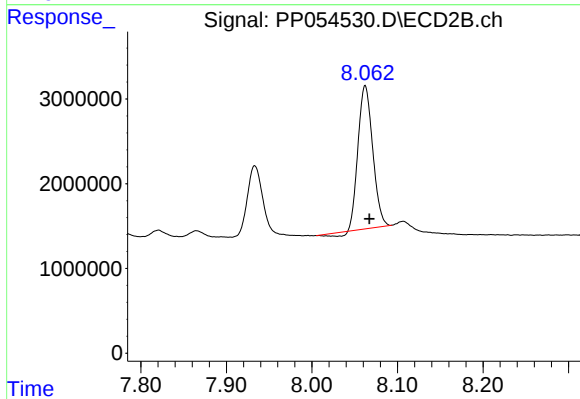
#39 AR-1262-4

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 65374204
Conc: 558.65 ng/ml



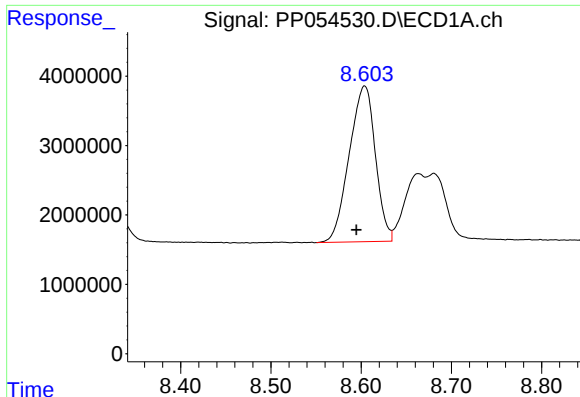
#40 AR-1262-5

R.T.: 9.340 min
Delta R.T.: -0.004 min
Response: 19770203
Conc: 351.93 ng/ml



#40 AR-1262-5

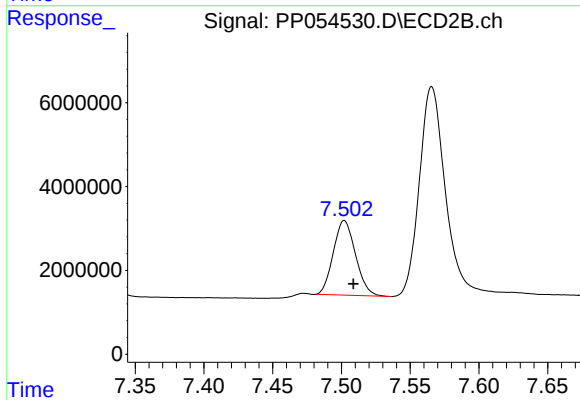
R.T.: 8.062 min
Delta R.T.: -0.005 min
Response: 19735926
Conc: 358.26 ng/ml



#41 AR-1268-1

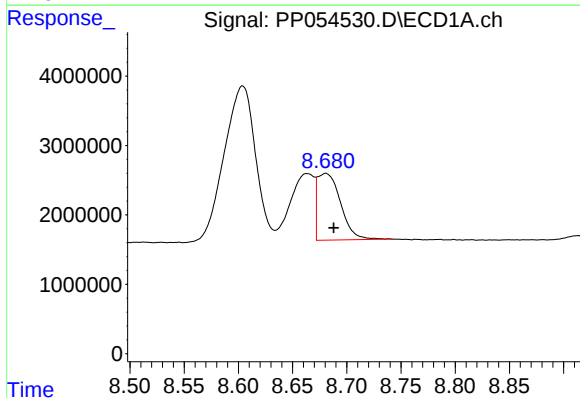
R.T.: 8.604 min
Delta R.T.: 0.009 min
Response: 45185325
Conc: 231.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



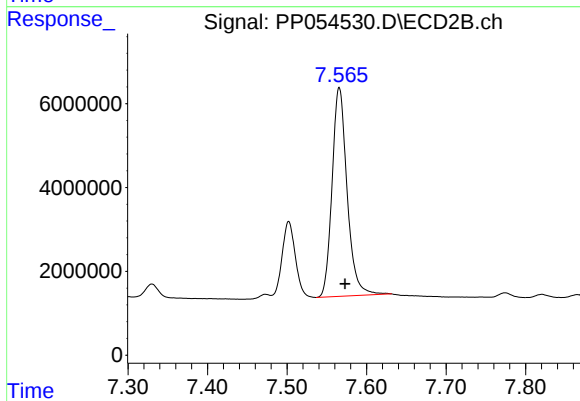
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.006 min
Response: 20022592
Conc: 98.60 ng/ml



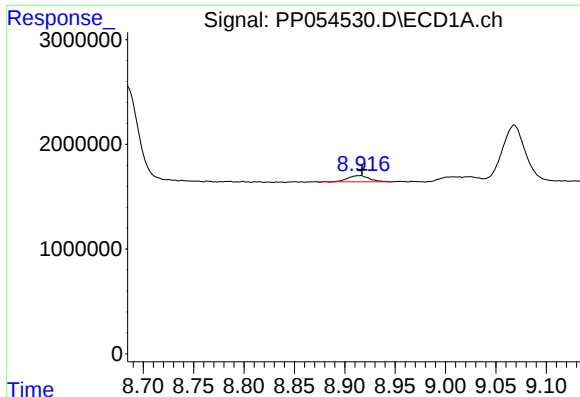
#42 AR-1268-2

R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 14343161
Conc: 81.28 ng/ml



#42 AR-1268-2

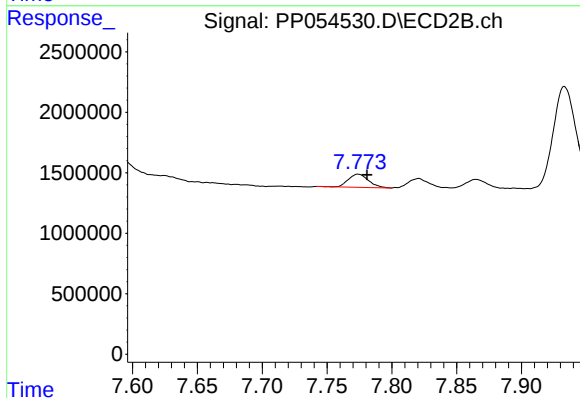
R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 65374204
Conc: 354.86 ng/ml



#43 AR-1268-3

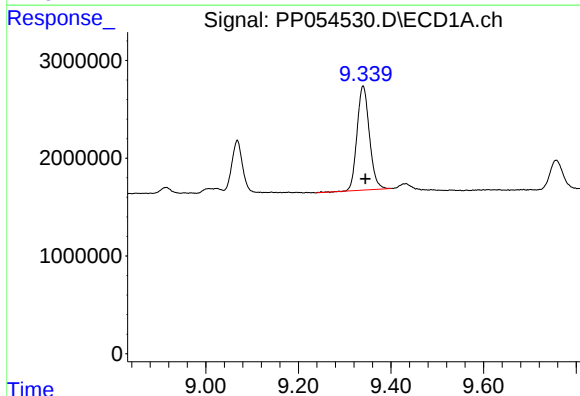
R.T.: 8.915 min
Delta R.T.: -0.002 min
Response: 863408
Conc: 5.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



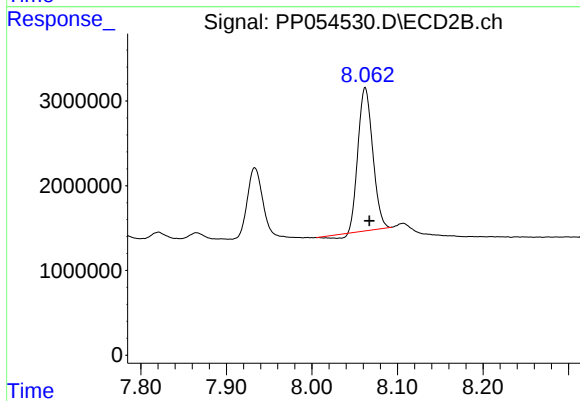
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.007 min
Response: 1167318
Conc: 6.83 ng/ml



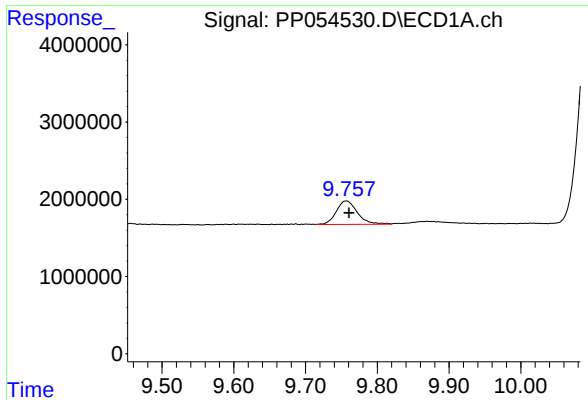
#44 AR-1268-4

R.T.: 9.340 min
Delta R.T.: -0.005 min
Response: 19770203
Conc: 288.94 ng/ml



#44 AR-1268-4

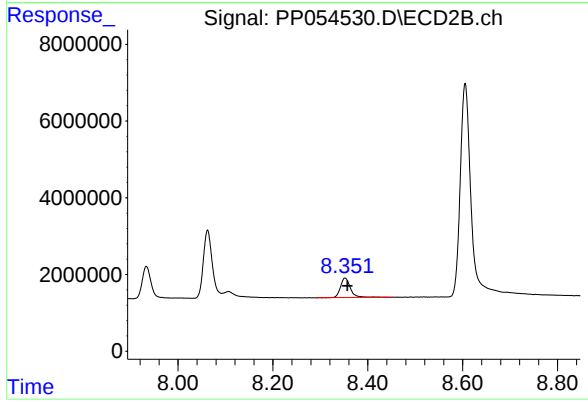
R.T.: 8.062 min
Delta R.T.: -0.005 min
Response: 19735926
Conc: 312.37 ng/ml



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: -0.004 min
Response: 6263442
Conc: 12.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 7384532
Conc: 15.09 ng/ml