

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050319\
 Data File : PL048184.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2019 18:41
 Operator : AJ\SJ
 Sample : K2677-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-EF-01-008-ABCDMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 23:07:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.329	3.941	177.6E6	48245423	18.338	19.369
28)	SA Decachlor...	7.998	8.979	134.6E6	39712934	13.383	14.962
Target Compounds							
2)	A alpha-BHC	3.757	4.329	848.4E6	198.3E6	54.850	56.472
3)	MA gamma-BHC...	4.033	4.613	783.4E6	183.4E6	55.135	56.160
4)	MA Heptachlor	4.318	5.117	803.5E6	184.1E6	54.613	53.189
5)	MB Aldrin	4.557	5.420	759.5E6	165.8E6	55.430	53.539
6)	B beta-BHC	4.286	4.787	317.1E6	82892377	53.732	53.272
7)	B delta-BHC	4.480	5.002	704.9E6	129.7E6	49.927	45.855
8)	B Heptachlor...	4.993	5.806	680.5E6	149.0E6	52.816	51.075
9)	A Endosulfan I	5.325	6.161	618.2E6	142.1E6	51.388	50.251
10)	B gamma-Chl...	5.216	6.040	699.8E6	154.6E6	52.409	50.216
11)	B alpha-Chl...	5.272	6.112	676.6E6	153.9E6	51.753	50.171
12)	B 4,4'-DDE	5.440	6.272	652.3E6	141.2E6	51.421	51.152
13)	MA Dieldrin	5.563	6.418	674.9E6	150.1E6	51.830	51.149
14)	MA Endrin	5.816	6.634	605.8E6	131.4E6	49.758	50.401
15)	B Endosulfa...	6.091	6.846	528.5E6	128.4E6	45.793	47.616
16)	A 4,4'-DDD	5.951	6.761	482.1E6	114.7E6	49.526	51.102
17)	MA 4,4'-DDT	6.185	7.059	453.7E6	115.1E6	45.157	49.048
18)	B Endrin al...	6.258	6.970	426.2E6	107.0E6	43.853	45.671
19)	B Endosulfa...	6.470	7.192	490.3E6	122.5E6	45.683	47.338
20)	A Methoxychlor	6.730	7.519	234.8E6	63673092	43.133	46.641
21)	B Endrin ke...	6.951	7.661	512.5E6	129.5E6	43.975	49.568
22)	Mirex	7.126	8.111	361.1E6	98851841	40.282	46.874
24)	Chlordane-2	0.000	5.420f	0	165.8E6	N.D.	1281.822 #
25)	Chlordane-3	5.216	6.040	699.8E6	154.6E6	444.428	352.773
26)	Chlordane-4	5.272	6.112	676.6E6	153.9E6	466.030	293.438 #
27)	Chlordane-5	6.091	0.000	528.5E6	0	1125.464	N.D. #

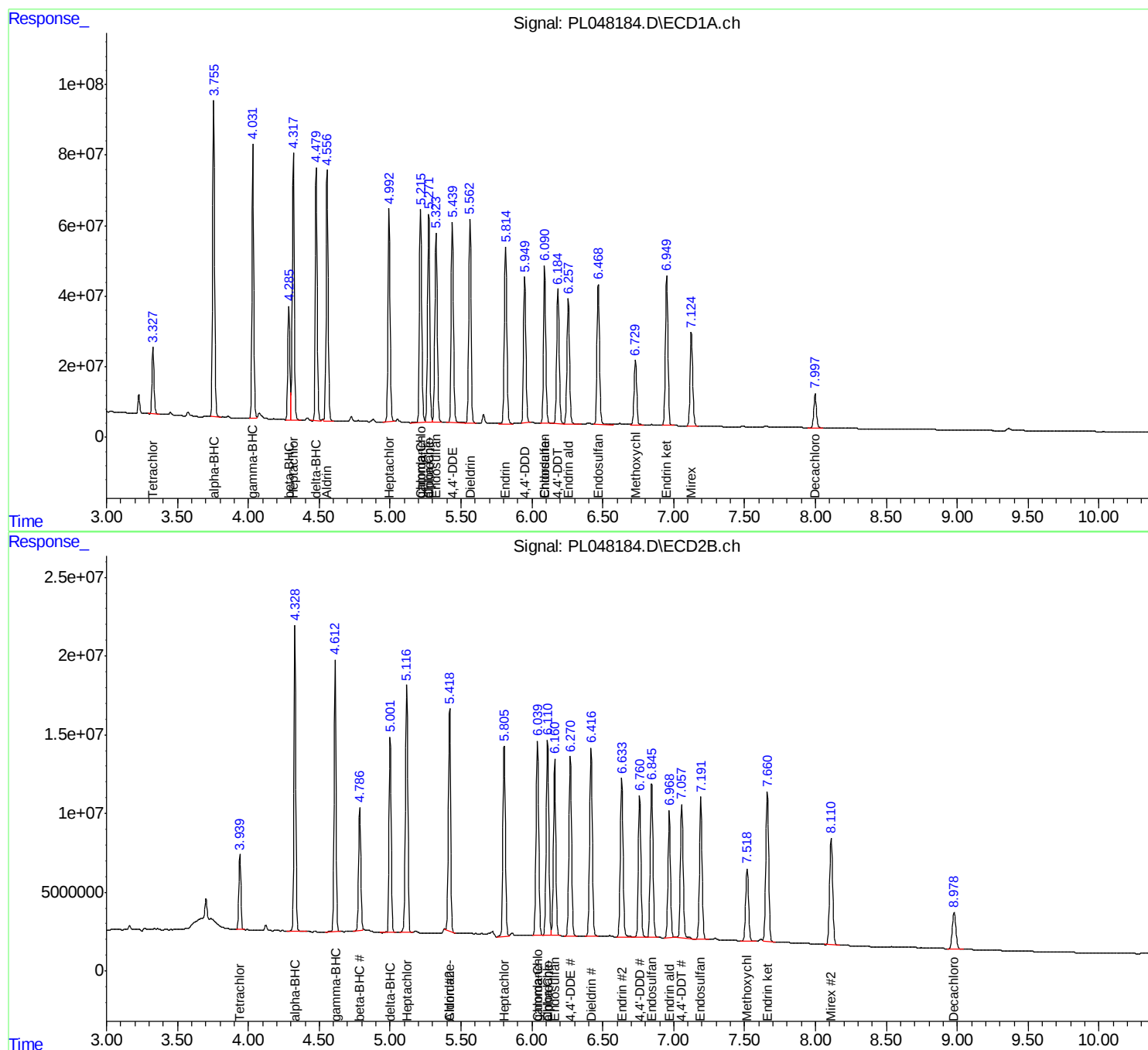
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

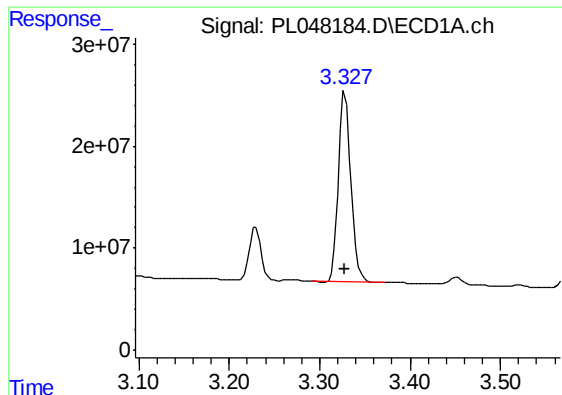
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050319\
Data File : PL048184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2019 18:41
Operator : AJ\SJ
Sample : K2677-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 23:07:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:36:55 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

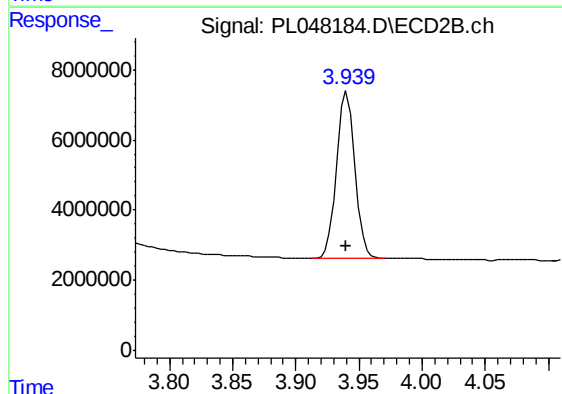




#1 Tetrachloro-m-xylene

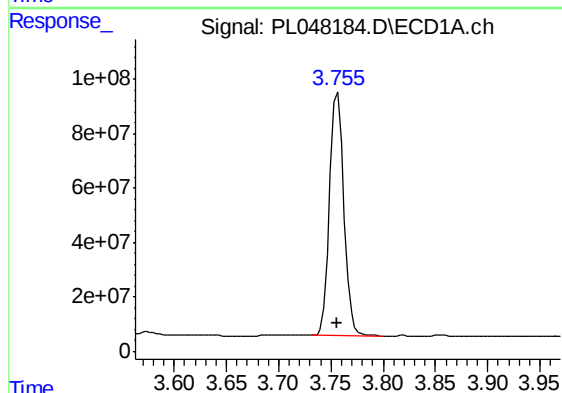
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 177634070
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



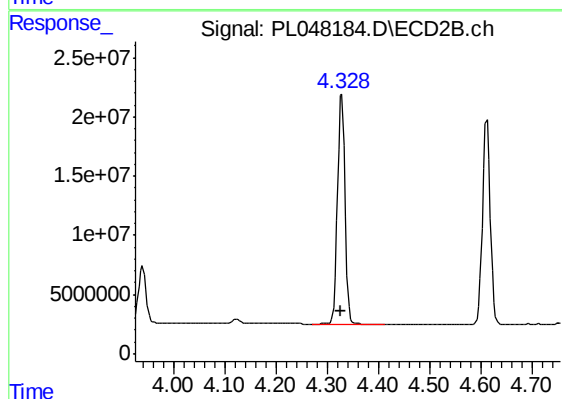
#1 Tetrachloro-m-xylene

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 48245423
Conc: 19.37 ng/ml



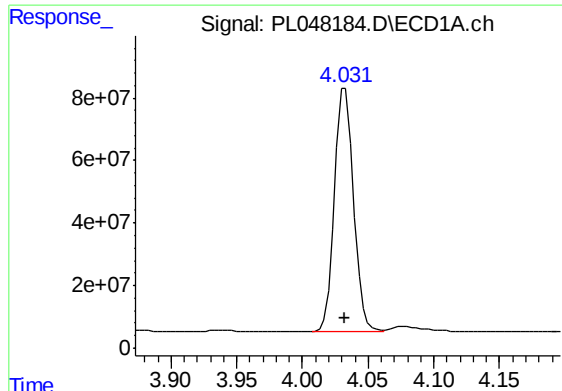
#2 alpha-BHC

R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 848391087
Conc: 54.85 ng/ml



#2 alpha-BHC

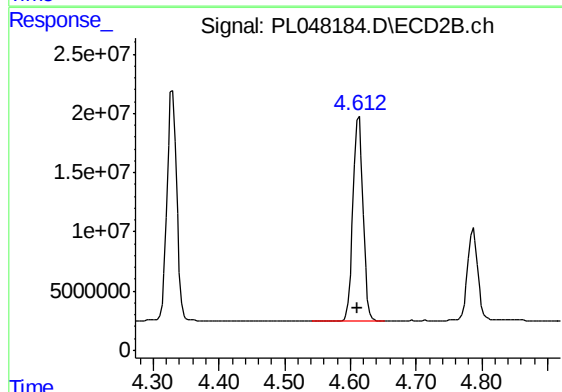
R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 198329728
Conc: 56.47 ng/ml



#3 gamma-BHC (Lindane)

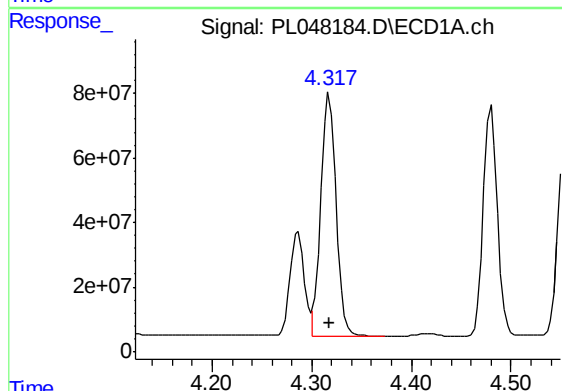
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 783425245
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



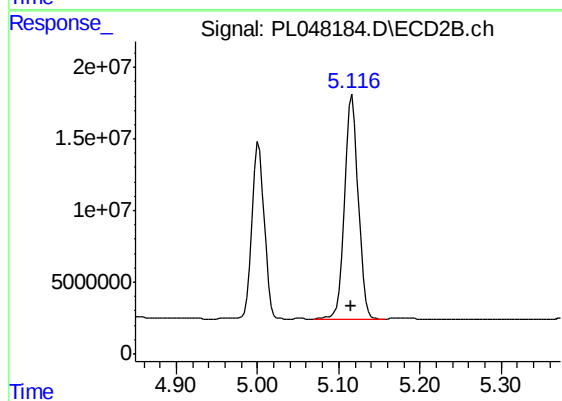
#3 gamma-BHC (Lindane)

R.T.: 4.613 min
Delta R.T.: 0.001 min
Response: 183427363
Conc: 56.16 ng/ml



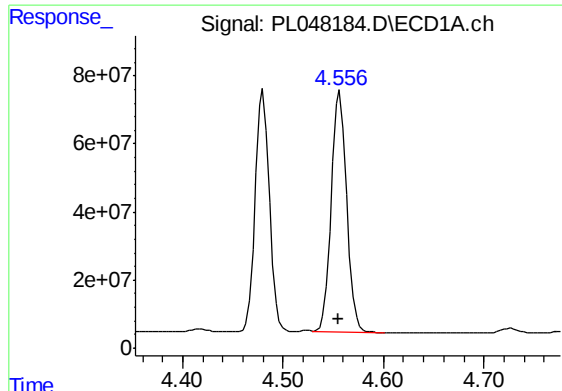
#4 Heptachlor

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 803471429
Conc: 54.61 ng/ml



#4 Heptachlor

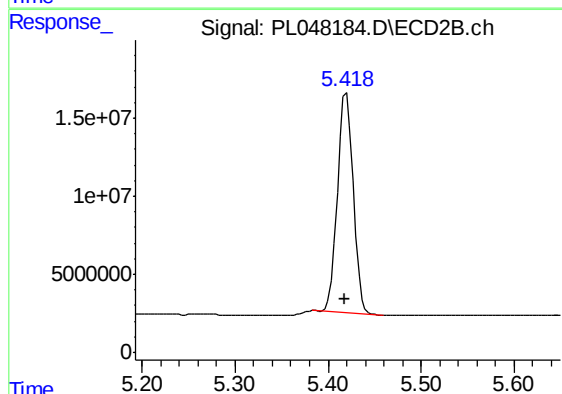
R.T.: 5.117 min
Delta R.T.: 0.001 min
Response: 184131252
Conc: 53.19 ng/ml



#5 Aldrin

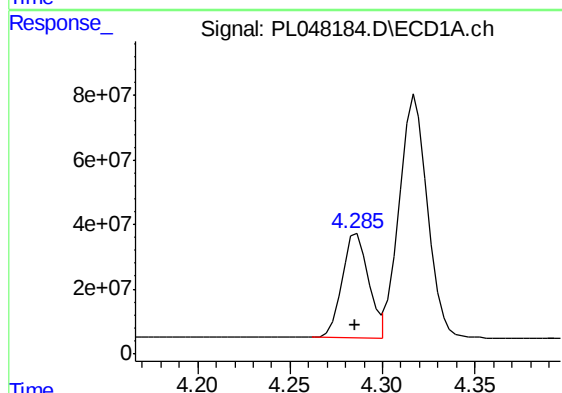
R.T.: 4.557 min
Delta R.T.: 0.001 min
Response: 759474558
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



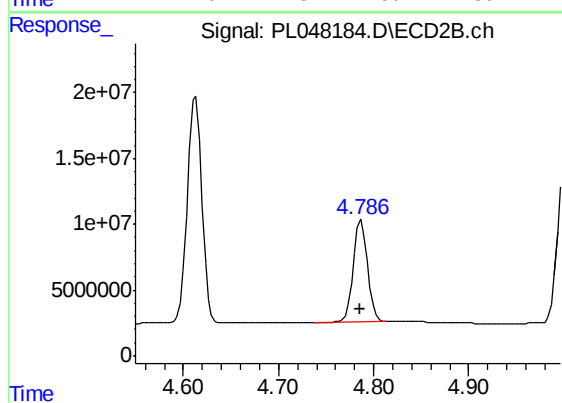
#5 Aldrin

R.T.: 5.420 min
Delta R.T.: 0.001 min
Response: 165789284
Conc: 53.54 ng/ml



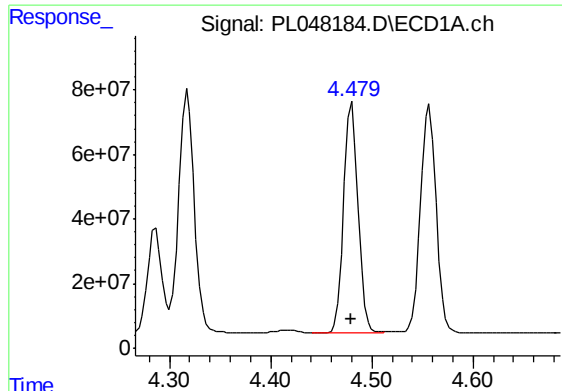
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: 0.001 min
Response: 317101513
Conc: 53.73 ng/ml



#6 beta-BHC

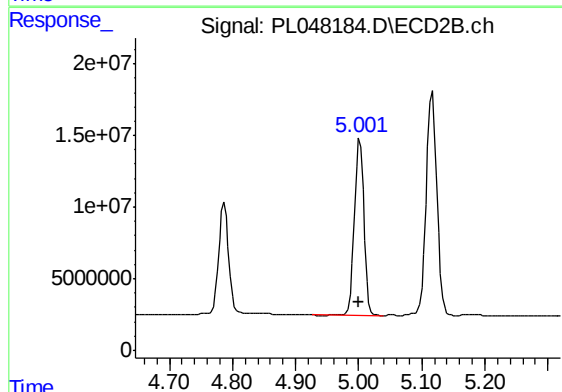
R.T.: 4.787 min
Delta R.T.: 0.001 min
Response: 82892377
Conc: 53.27 ng/ml



#7 delta-BHC

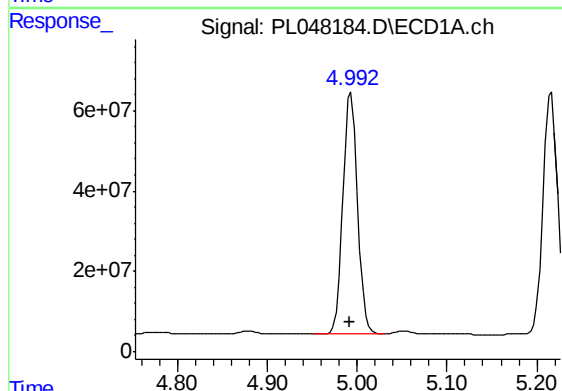
R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 704906020
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



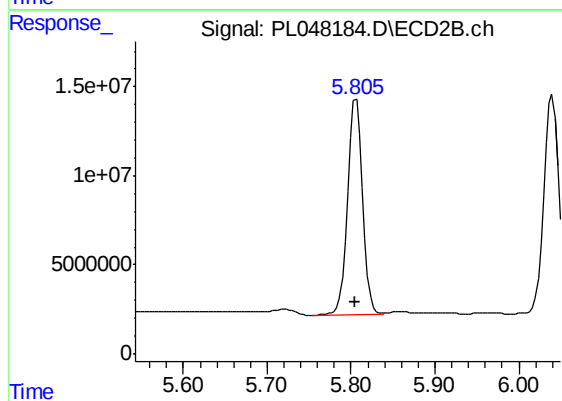
#7 delta-BHC

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 129673448
Conc: 45.86 ng/ml



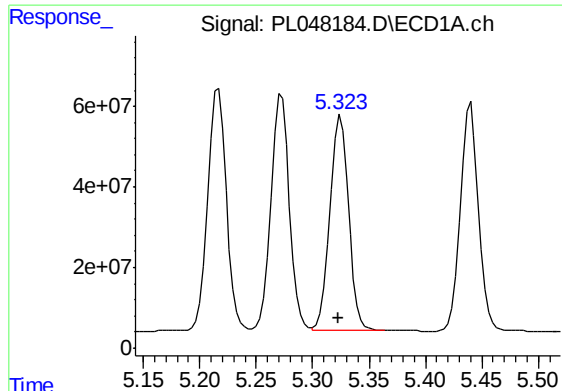
#8 Heptachlor epoxide

R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 680521678
Conc: 52.82 ng/ml



#8 Heptachlor epoxide

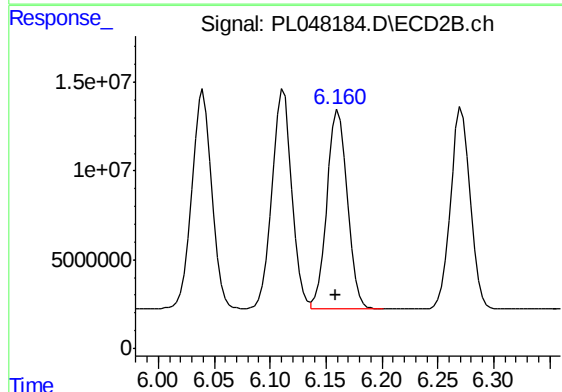
R.T.: 5.806 min
Delta R.T.: 0.002 min
Response: 148972113
Conc: 51.08 ng/ml



#9 Endosulfan I

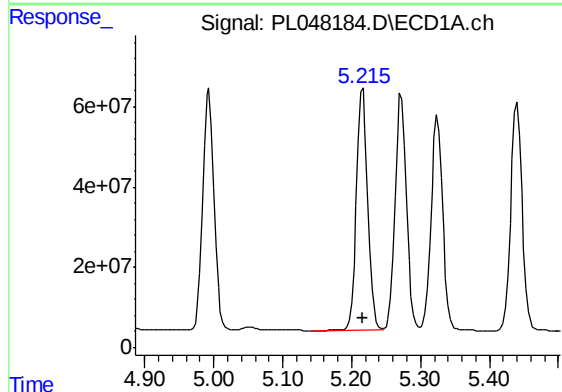
R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 618190839
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



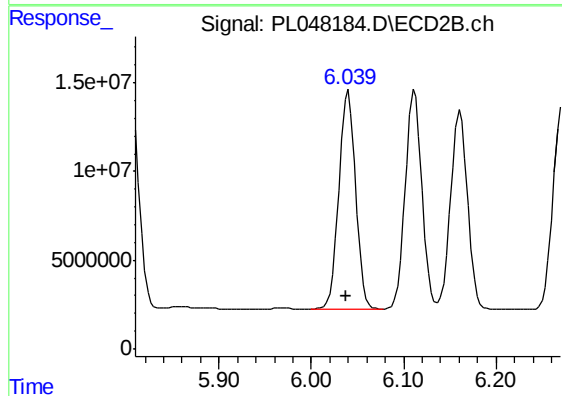
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: 0.002 min
Response: 142083714
Conc: 50.25 ng/ml



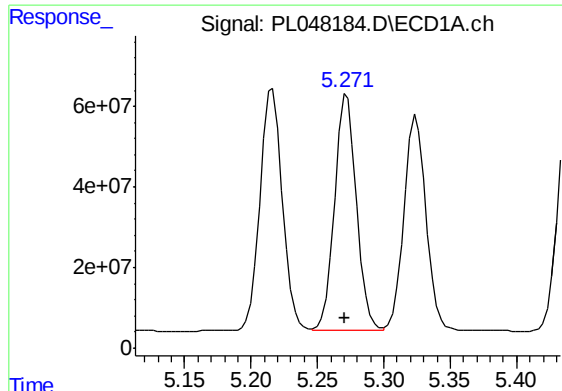
#10 gamma-Chlordane

R.T.: 5.216 min
Delta R.T.: 0.001 min
Response: 699777206
Conc: 52.41 ng/ml



#10 gamma-Chlordane

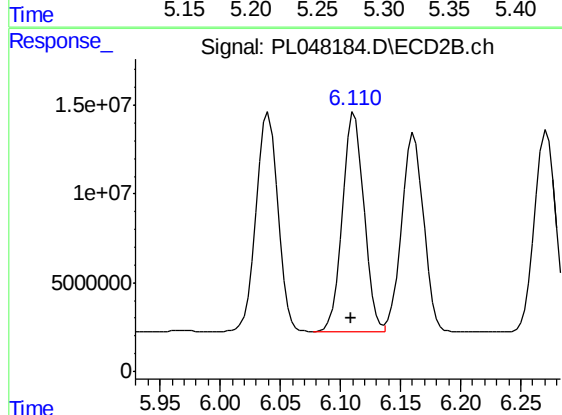
R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 154596148
Conc: 50.22 ng/ml



#11 alpha-Chlordane

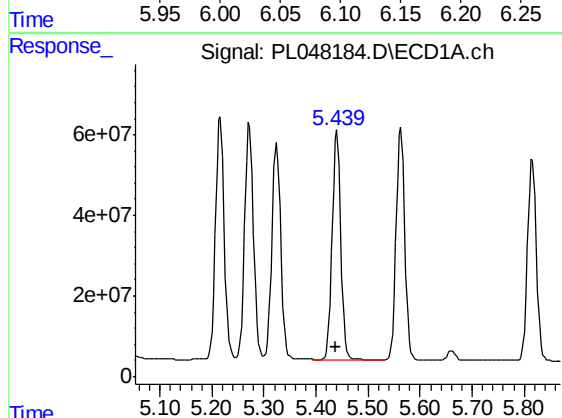
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 676593255
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



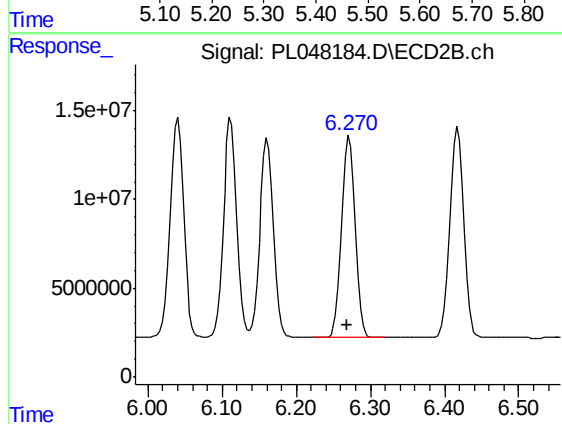
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 153937831
Conc: 50.17 ng/ml



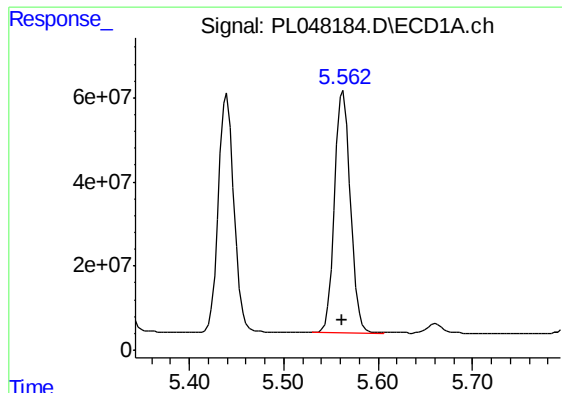
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: 0.001 min
Response: 652288510
Conc: 51.42 ng/ml



#12 4,4'-DDE

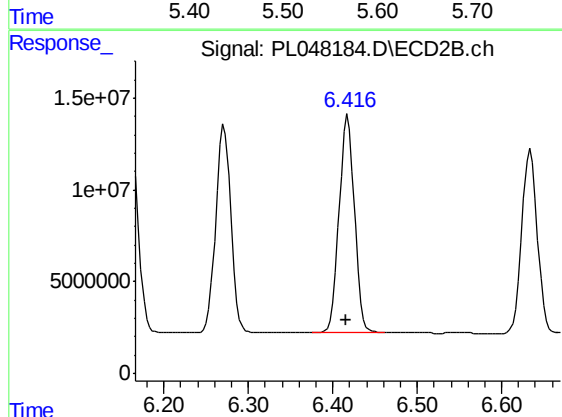
R.T.: 6.272 min
Delta R.T.: 0.002 min
Response: 141226001
Conc: 51.15 ng/ml



#13 Dieldrin

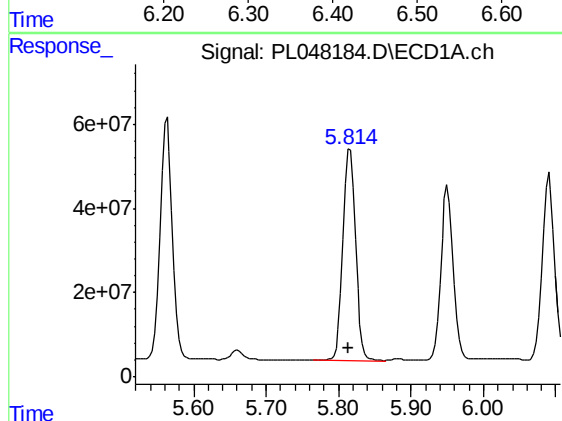
R.T.: 5.563 min
Delta R.T.: 0.001 min
Response: 674860939
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



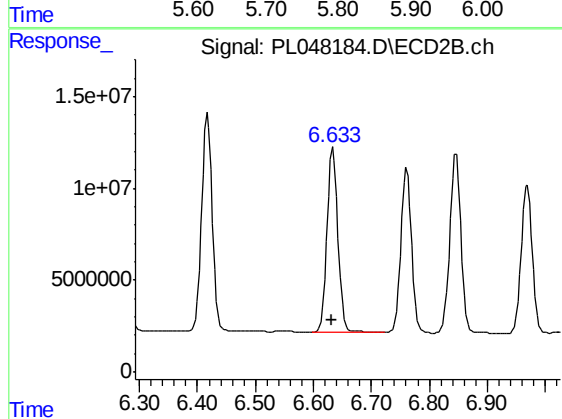
#13 Dieldrin

R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 150055164
Conc: 51.15 ng/ml



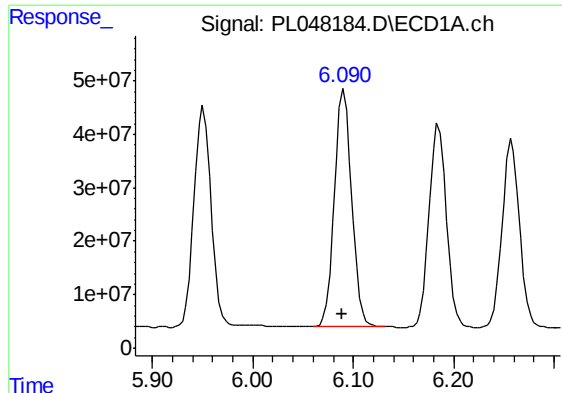
#14 Endrin

R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 605750221
Conc: 49.76 ng/ml



#14 Endrin

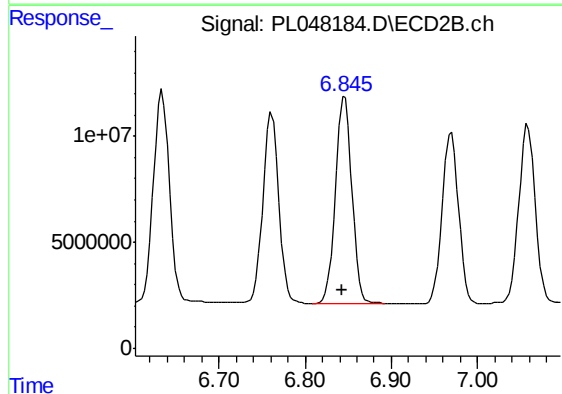
R.T.: 6.634 min
Delta R.T.: 0.002 min
Response: 131415413
Conc: 50.40 ng/ml



#15 Endosulfan II

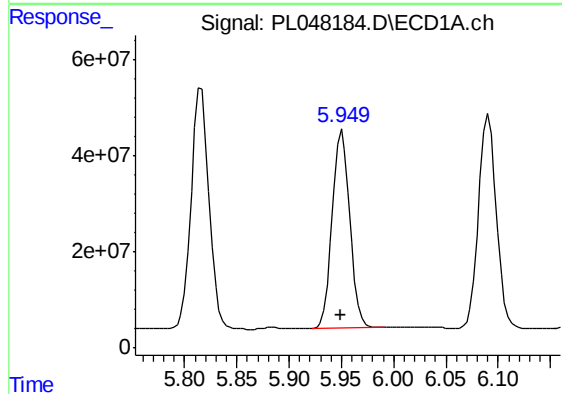
R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 528468431
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



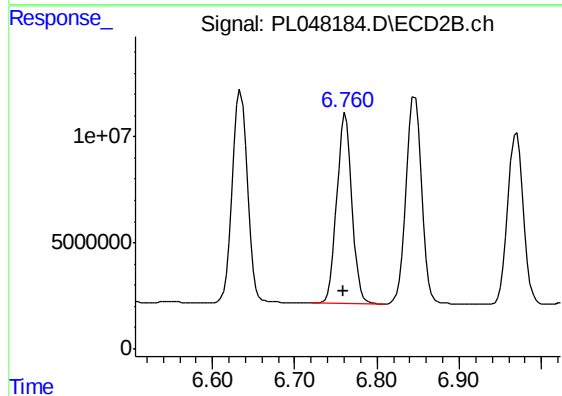
#15 Endosulfan II

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 128401693
Conc: 47.62 ng/ml



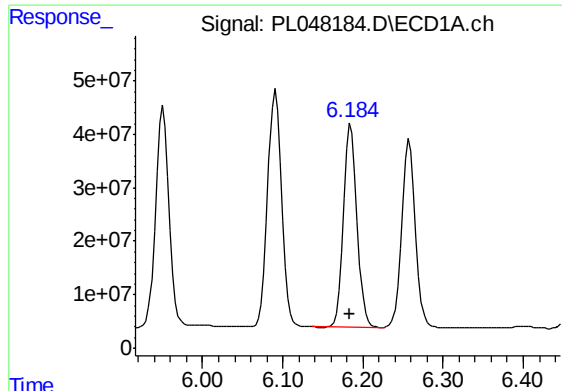
#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 482087596
Conc: 49.53 ng/ml



#16 4,4'-DDD

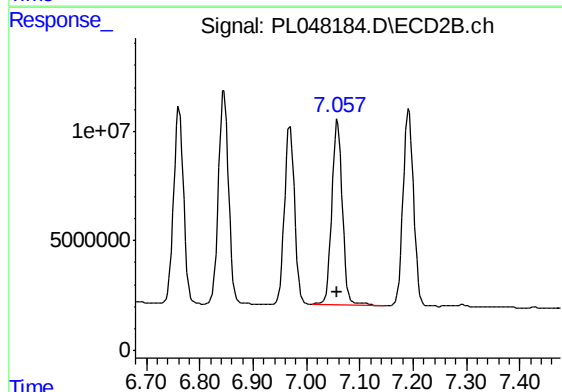
R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 114675554
Conc: 51.10 ng/ml



#17 4,4'-DDT

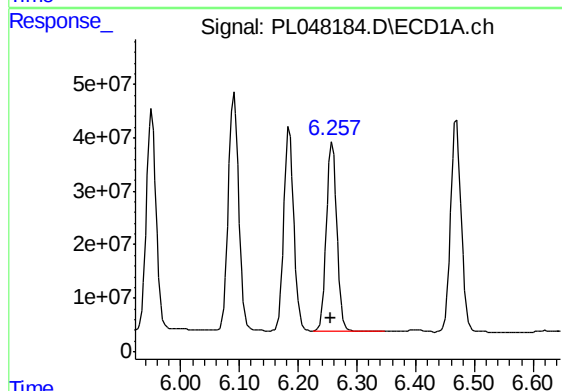
R.T.: 6.185 min
Delta R.T.: 0.001 min
Response: 453668495
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



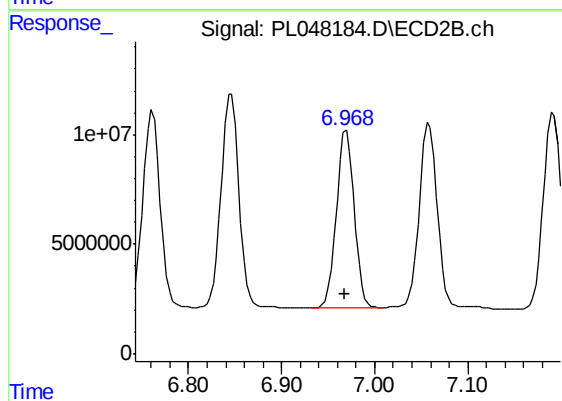
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 115097805
Conc: 49.05 ng/ml



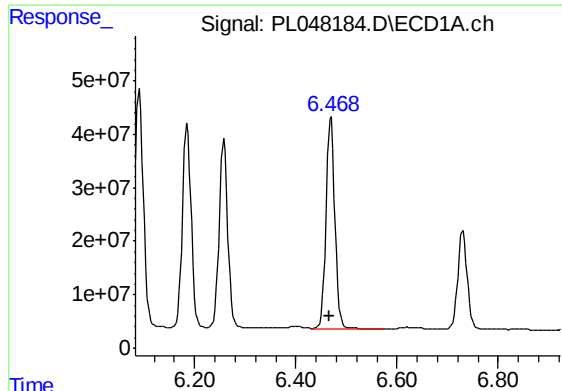
#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 426176540
Conc: 43.85 ng/ml



#18 Endrin aldehyde

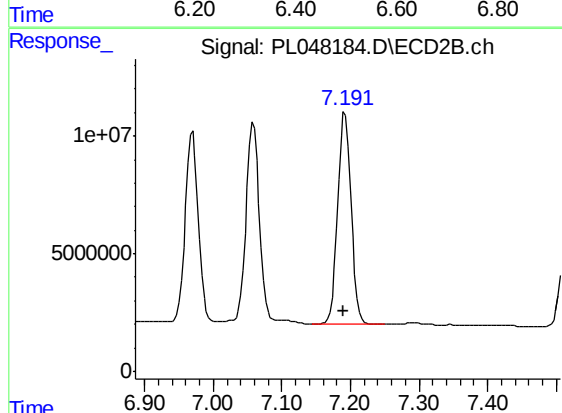
R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 107027410
Conc: 45.67 ng/ml



#19 Endosulfan Sulfate

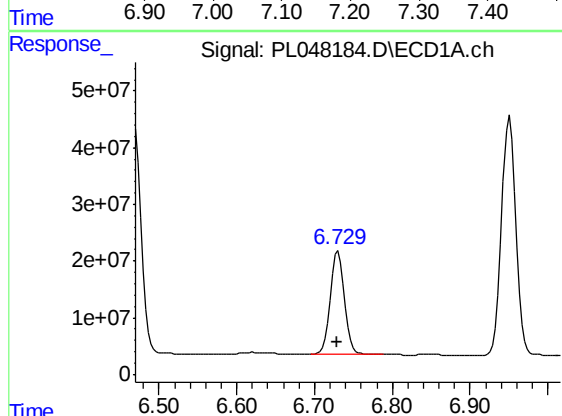
R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 490302452
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



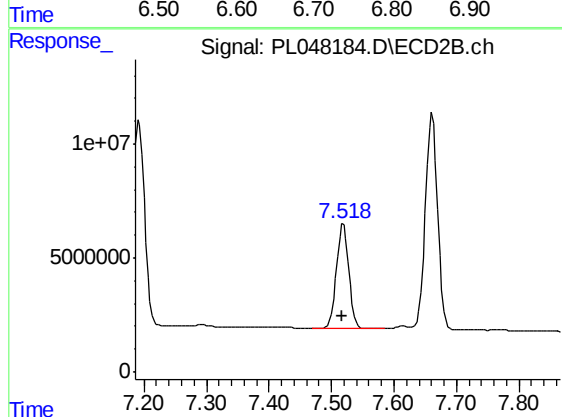
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 122521685
Conc: 47.34 ng/ml



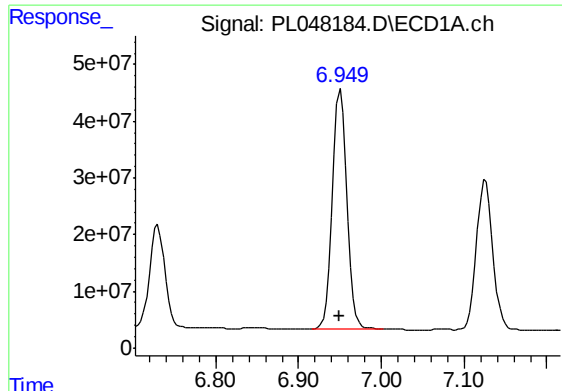
#20 Methoxychlor

R.T.: 6.730 min
Delta R.T.: 0.001 min
Response: 234848982
Conc: 43.13 ng/ml



#20 Methoxychlor

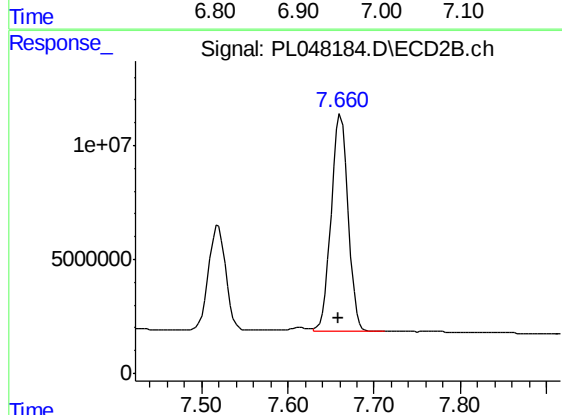
R.T.: 7.519 min
Delta R.T.: 0.003 min
Response: 63673092
Conc: 46.64 ng/ml



#21 Endrin ketone

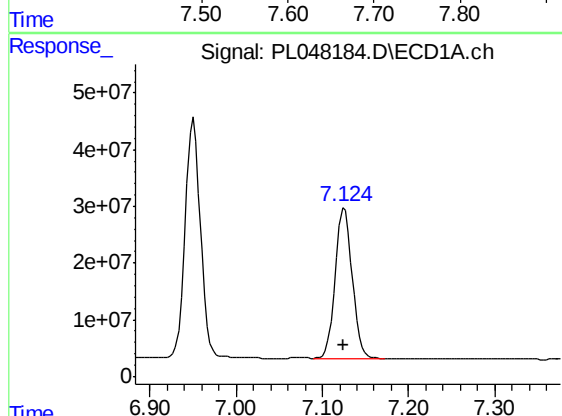
R.T.: 6.951 min
Delta R.T.: 0.001 min
Response: 512531740
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



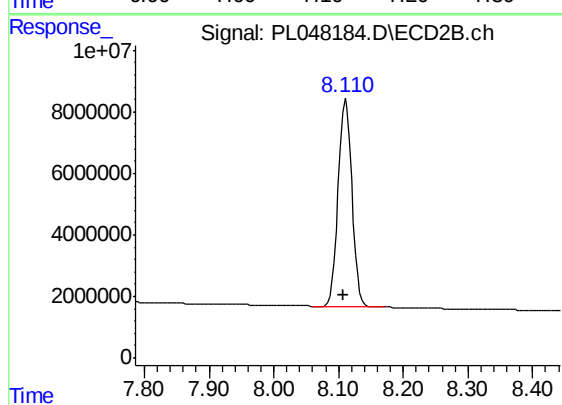
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.003 min
Response: 129511819
Conc: 49.57 ng/ml



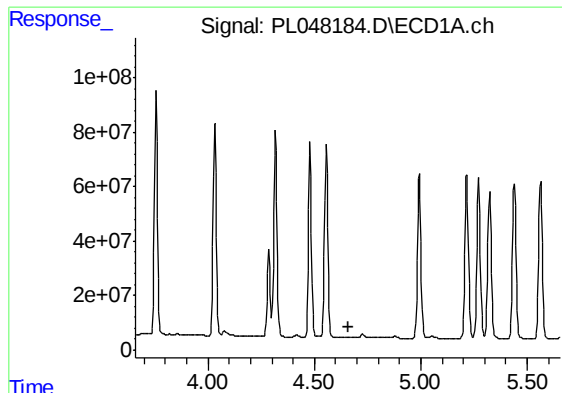
#22 Mirex

R.T.: 7.126 min
Delta R.T.: 0.002 min
Response: 361079970
Conc: 40.28 ng/ml



#22 Mirex

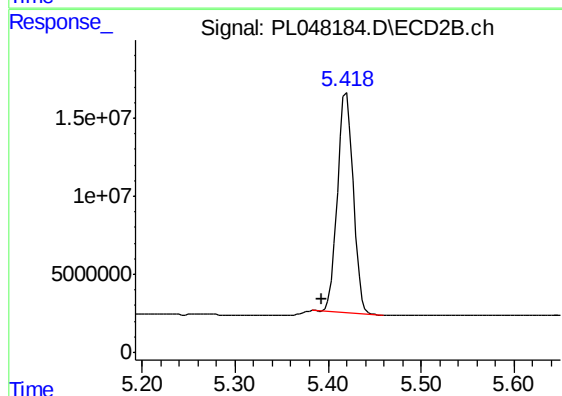
R.T.: 8.111 min
Delta R.T.: 0.003 min
Response: 98851841
Conc: 46.87 ng/ml



#24 Chlordane-2

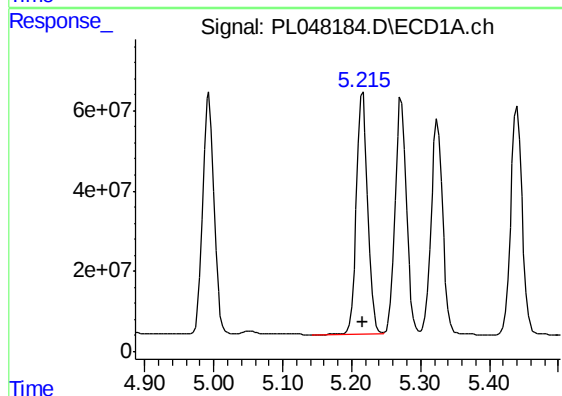
R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



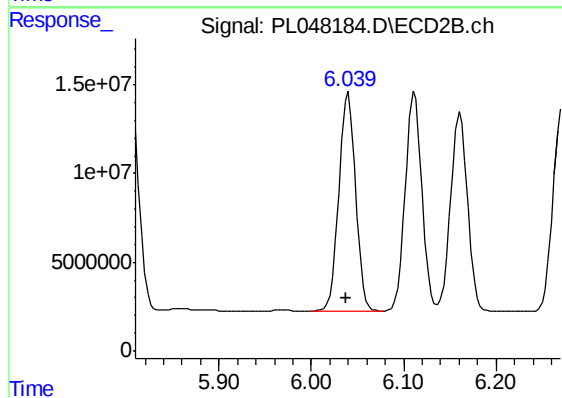
#24 Chlordane-2

R.T.: 5.420 min
Delta R.T.: 0.026 min
Response: 165789284
Conc: 1281.82 ng/ml



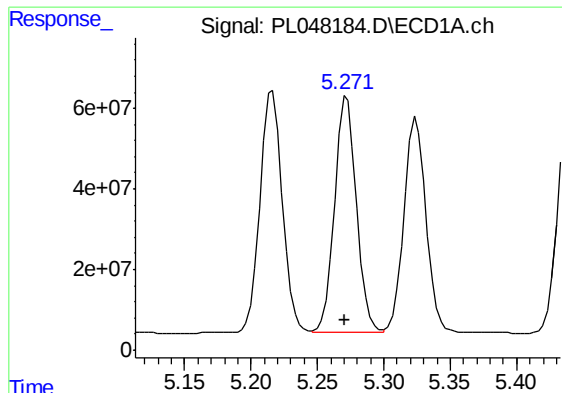
#25 Chlordane-3

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 699777206
Conc: 444.43 ng/ml



#25 Chlordane-3

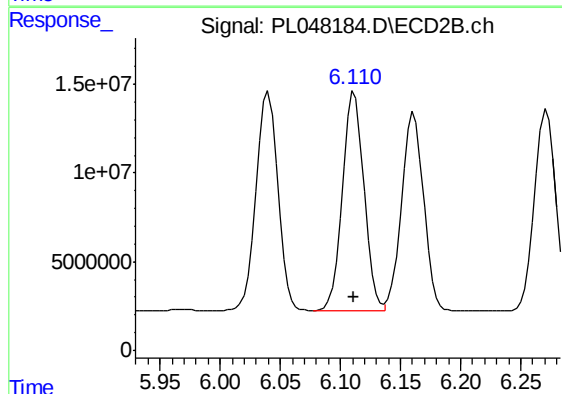
R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 154596148
Conc: 352.77 ng/ml



#26 Chlordane-4

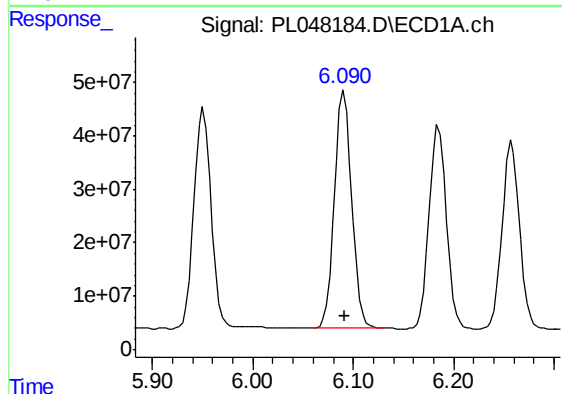
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 676593255
Conc: 466.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



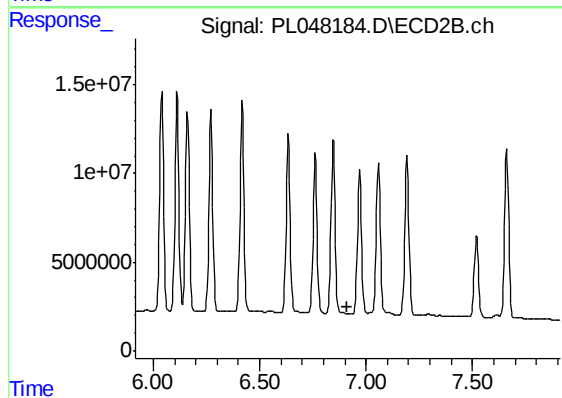
#26 Chlordane-4

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 153937831
Conc: 293.44 ng/ml



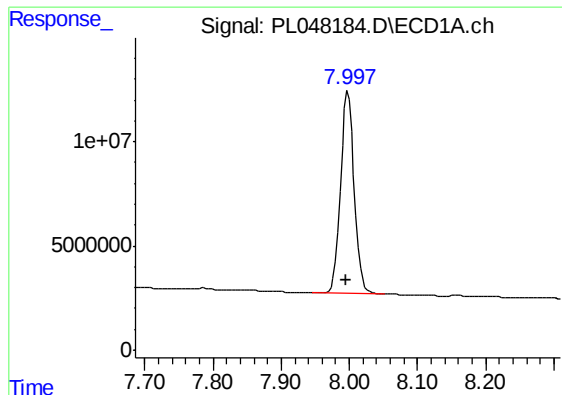
#27 Chlordane-5

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 528468431
Conc: 1125.46 ng/ml



#27 Chlordane-5

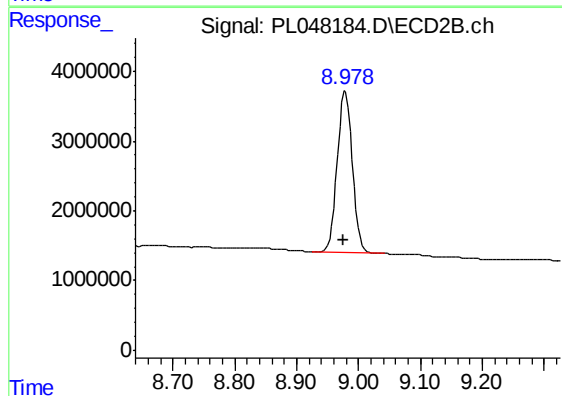
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.998 min
Delta R.T.: 0.003 min
Response: 134551195
Conc: 13.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-EF-01-008-ABCDMSD



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 39712934
Conc: 14.96 ng/ml