

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 09:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/04/2025
 Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 01:35:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.573	2.886	175.7E6	214.1E6	55.689	54.698
28) SA Decachlor...	9.099	8.059	118.8E6	223.5E6	50.413	51.101
Target Compounds						
2) A alpha-BHC	4.024	3.395	269.9E6	332.1E6	55.671	56.701
3) MA gamma-BHC...	4.356	3.729	248.6E6	314.6E6	55.596	56.168
4) MA Heptachlor	4.953	4.082	205.7E6	309.6E6	54.351	55.197
5) MB Aldrin	5.296	4.366	238.3E6	302.6E6	55.704	57.016
6) B beta-BHC	4.543	4.024	108.3E6	137.4E6	54.958	55.471
7) B delta-BHC	4.792	4.260	243.4E6	313.8E6	54.898	55.569
8) B Heptachlo...	5.717	4.868	211.9E6	272.4E6	55.506	55.168
9) A Endosulfan I	6.100	5.240	199.9E6	241.9E6	54.548	50.764
10) B gamma-Chl...	5.972	5.120	216.9E6	292.0E6	55.719	55.589
11) B alpha-Chl...	6.053	5.185	215.5E6	288.9E6	54.591	55.532
12) B 4,4'-DDE	6.223	5.372	192.9E6	284.3E6	52.598	53.029
13) MA Dieldrin	6.374	5.505	211.9E6	294.1E6	54.901	55.499
14) MA Endrin	6.601	5.778	166.5E6	252.6E6	51.608	51.804m
15) B Endosulfa...	6.814	6.069	169.6E6	258.1E6	49.230	54.320m
16) A 4,4'-DDD	6.732	5.923	159.2E6	240.6E6	54.331	54.871
17) MA 4,4'-DDT	7.048	6.176	137.4E6	242.2E6	50.806	50.636
18) B Endrin al...	6.942	6.248	129.4E6	186.9E6	53.515	54.092
19) B Endosulfa...	7.176	6.471	157.2E6	240.2E6	52.635	53.445
20) A Methoxychlor	7.521	6.747	65954539	128.2E6	51.716	49.005
21) B Endrin ke...	7.658	6.977	168.4E6	277.8E6	53.175	53.692
22) Mirex	8.138	7.170	122.5E6	215.6E6	52.959	53.088

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 09:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

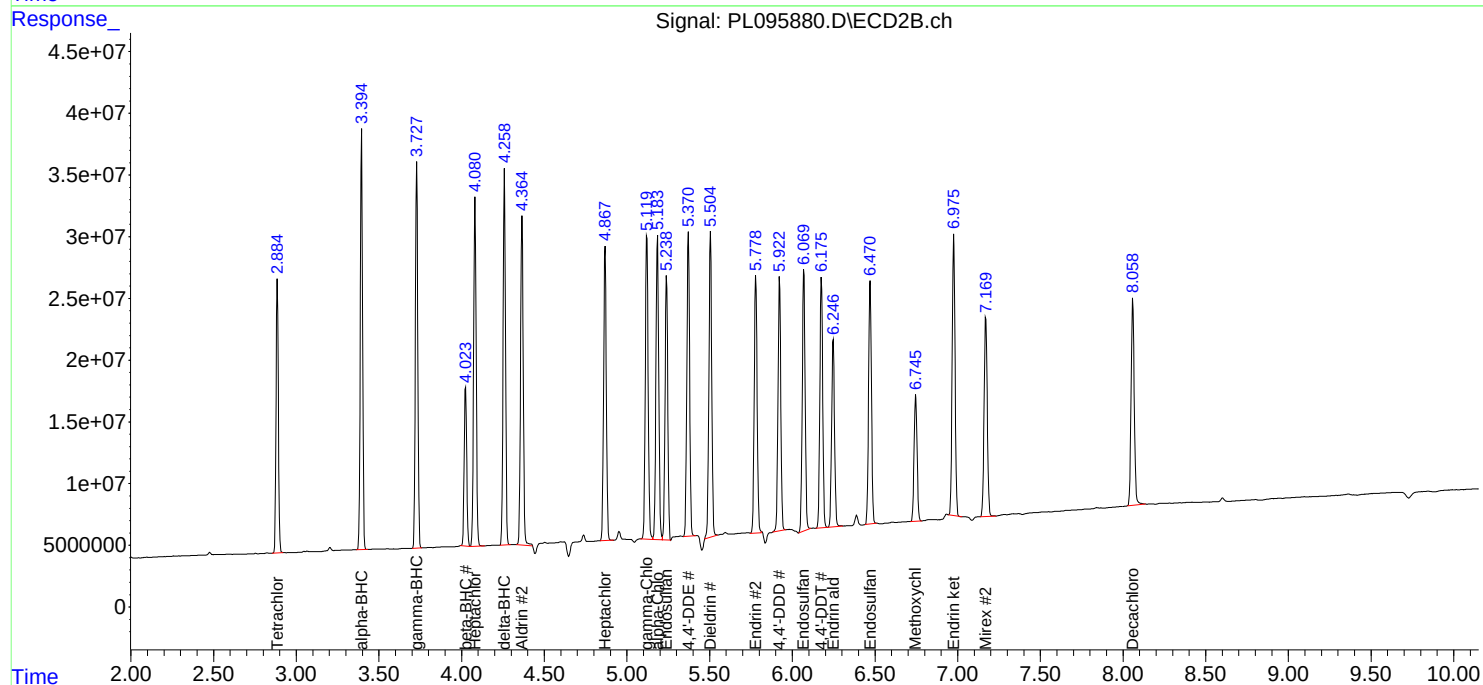
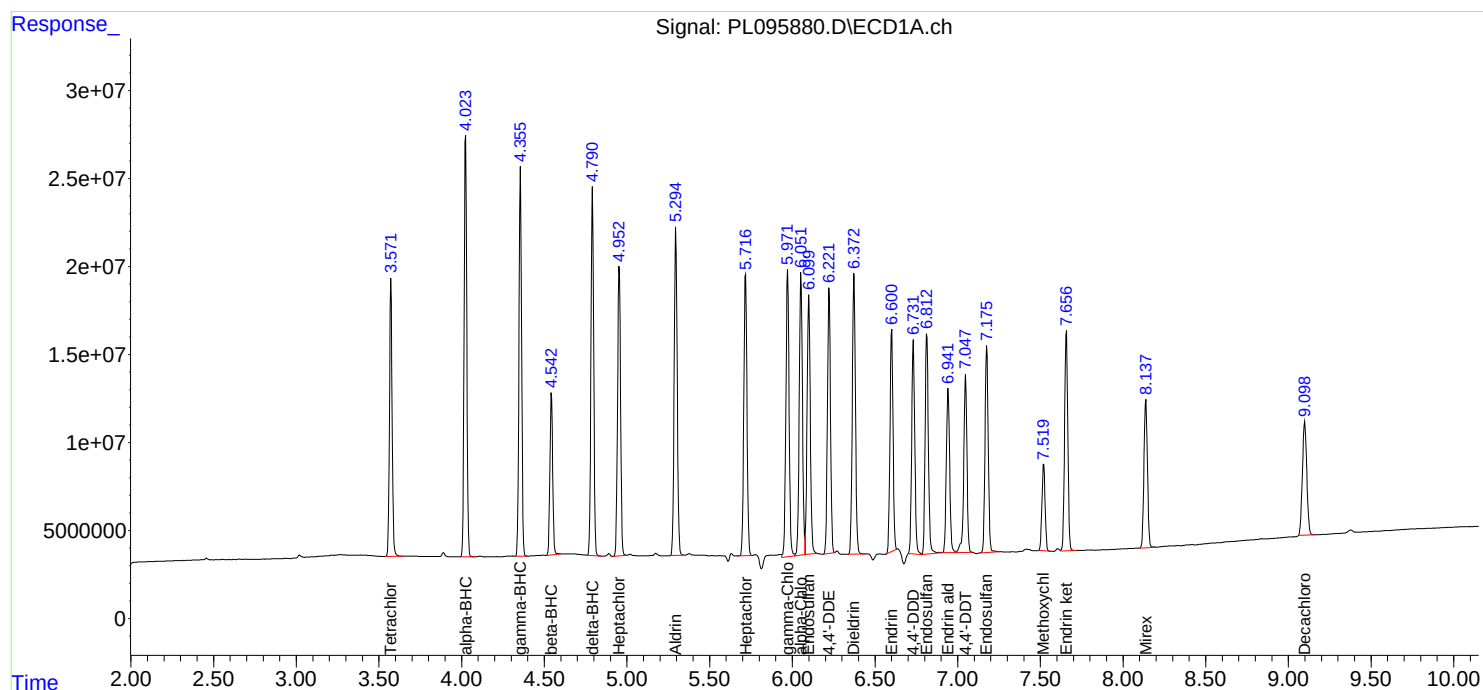
APPROVED

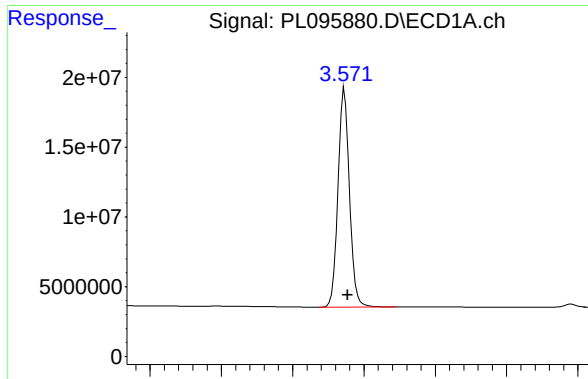
Reviewed By :Abdul Mirza 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 01:35:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





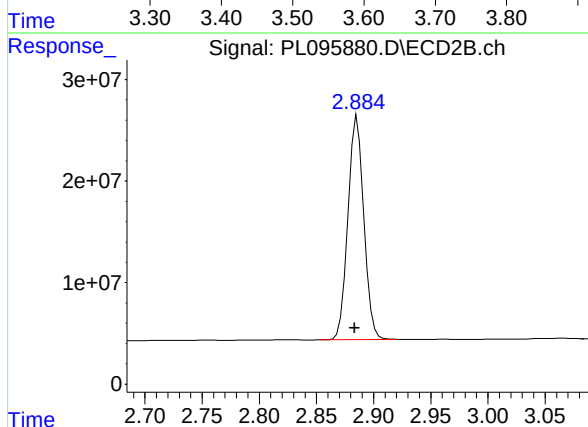
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.004 min
Response: 175713220
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

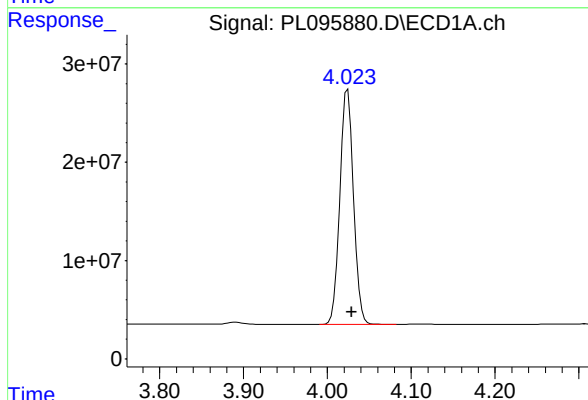
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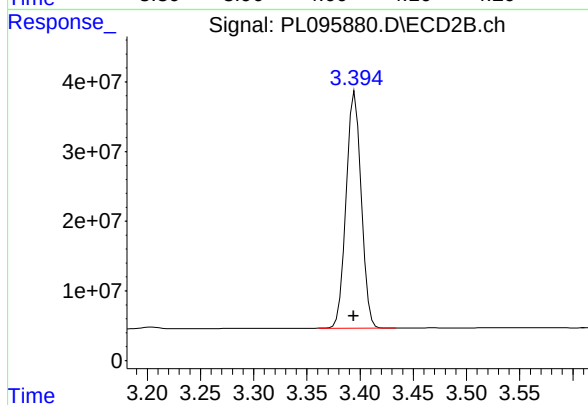
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 214083923
Conc: 54.70 ng/ml



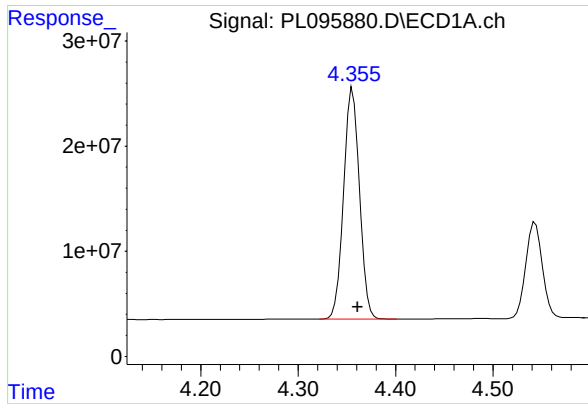
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 269891164
Conc: 55.67 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 332114475
Conc: 56.70 ng/ml



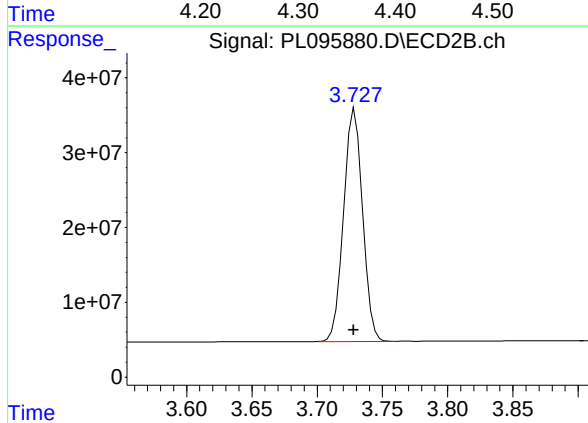
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 248618095
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

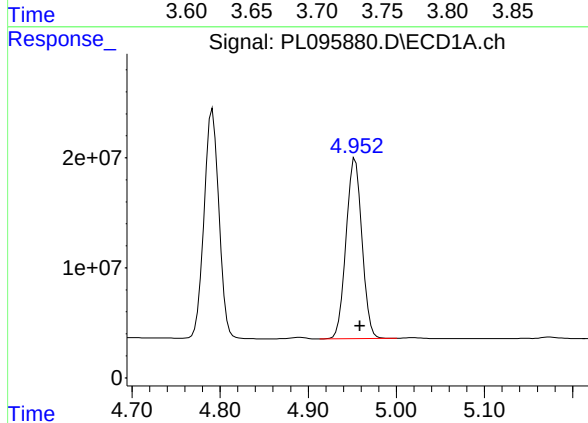
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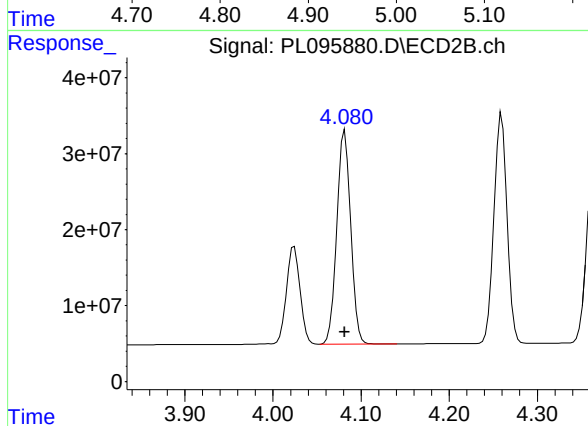
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 314609121
Conc: 56.17 ng/ml



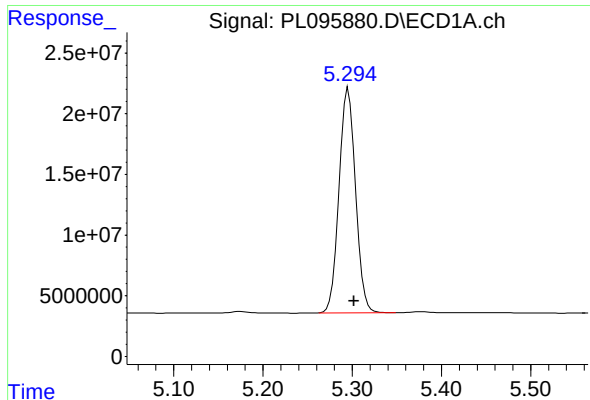
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 205720830
Conc: 54.35 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 309603035
Conc: 55.20 ng/ml



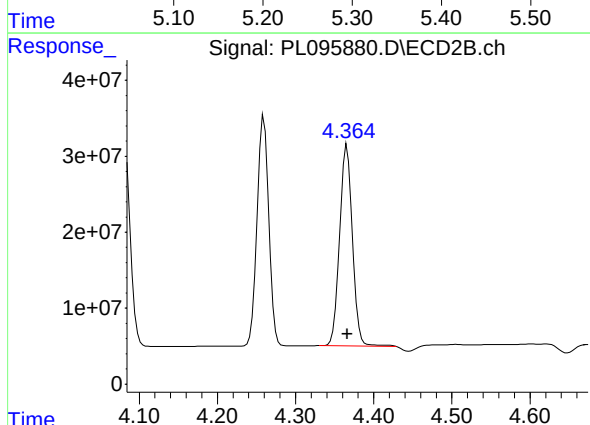
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 238288726
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

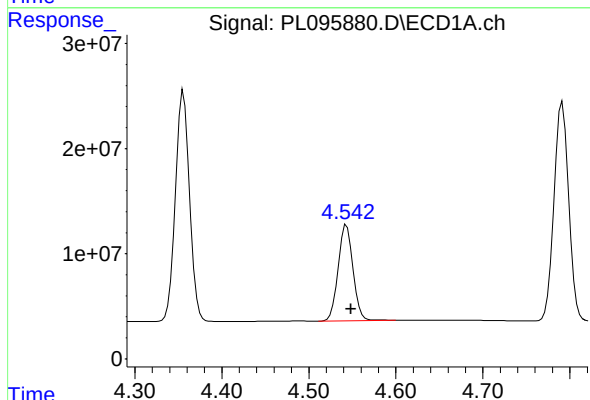
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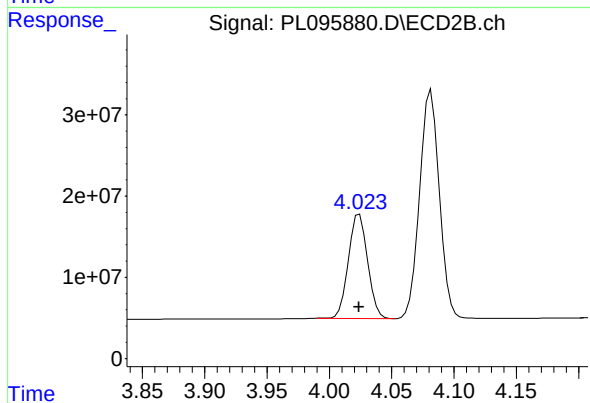
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 302592010
Conc: 57.02 ng/ml



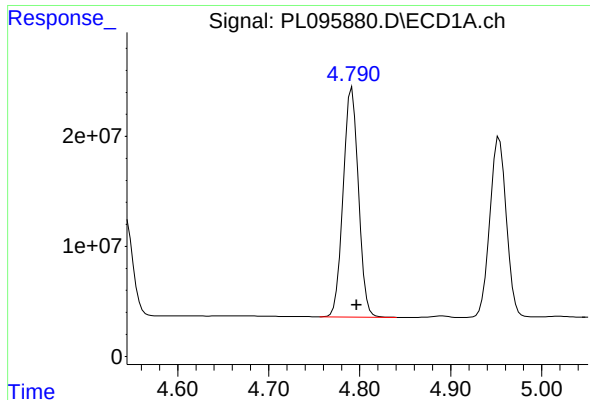
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 108342988
Conc: 54.96 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 137432670
Conc: 55.47 ng/ml



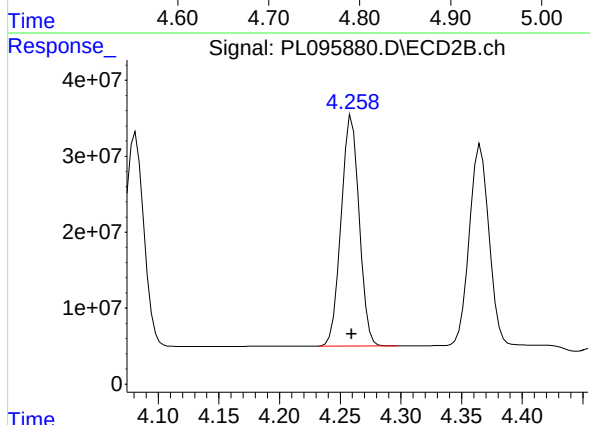
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.005 min
Response: 243395881
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

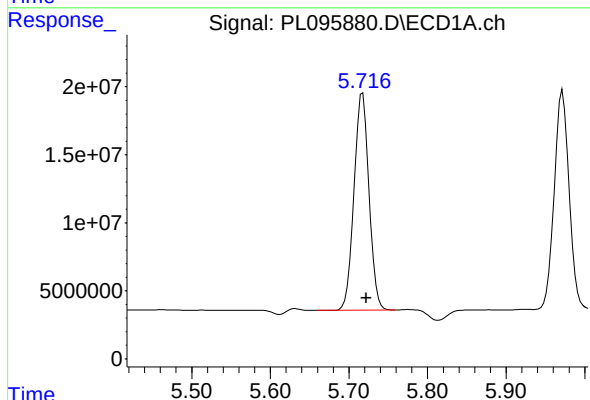
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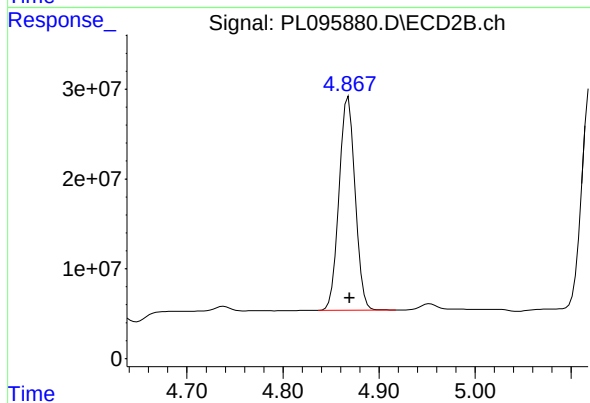
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 313819442
Conc: 55.57 ng/ml



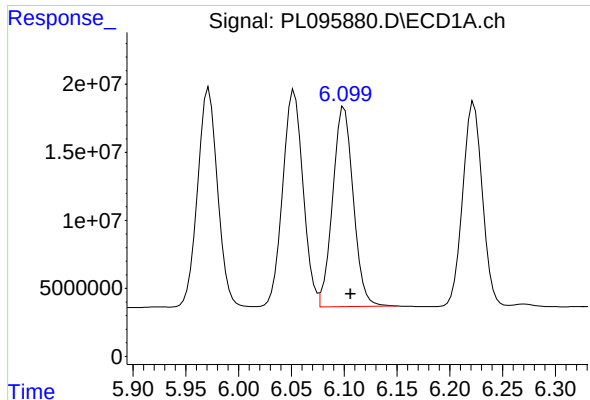
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 211859413
Conc: 55.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 272388749
Conc: 55.17 ng/ml



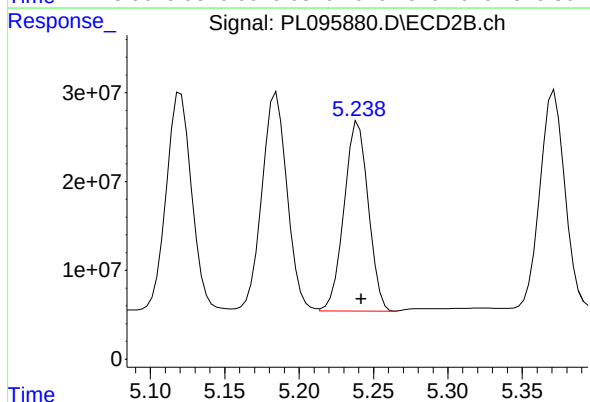
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 199909567
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

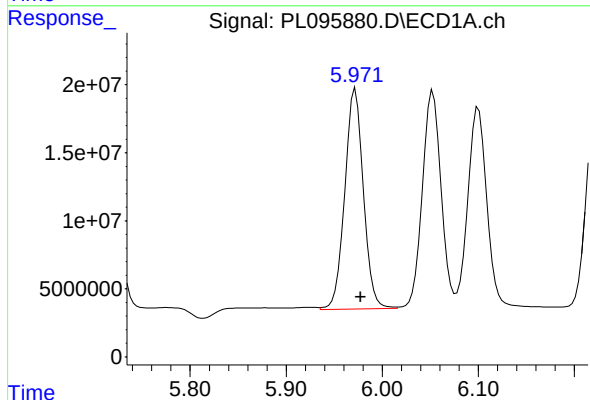
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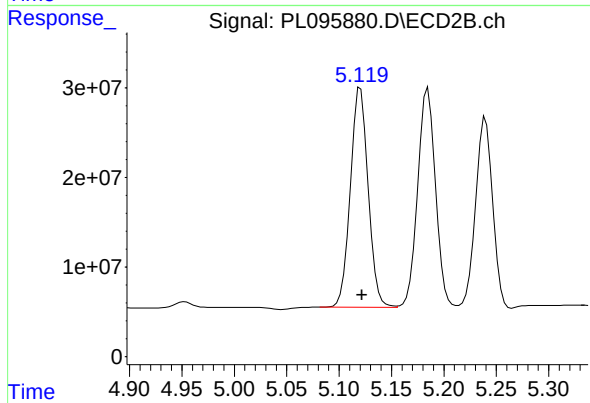
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 241888922
Conc: 50.76 ng/ml



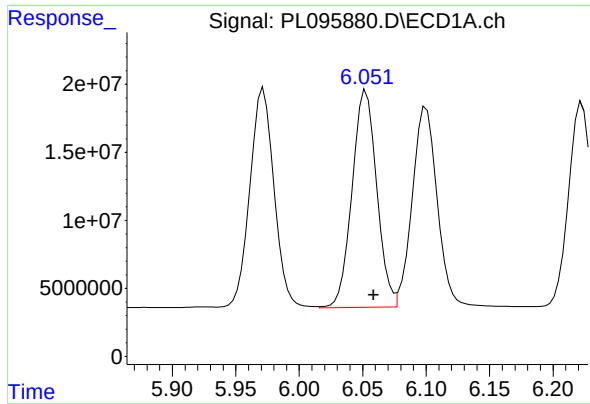
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 216862886
Conc: 55.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 291990708
Conc: 55.59 ng/ml



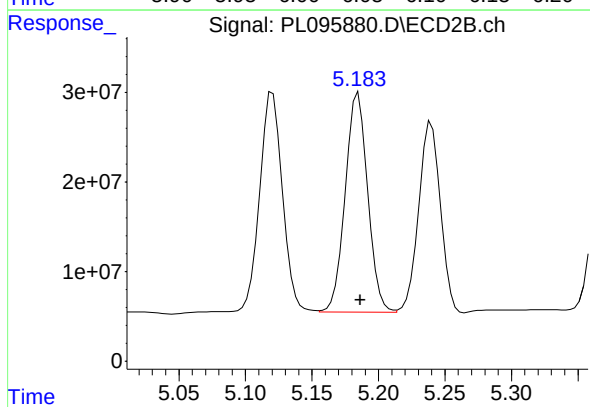
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 215536423
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

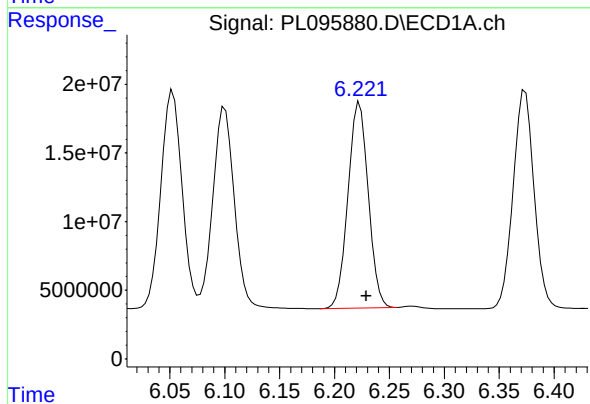
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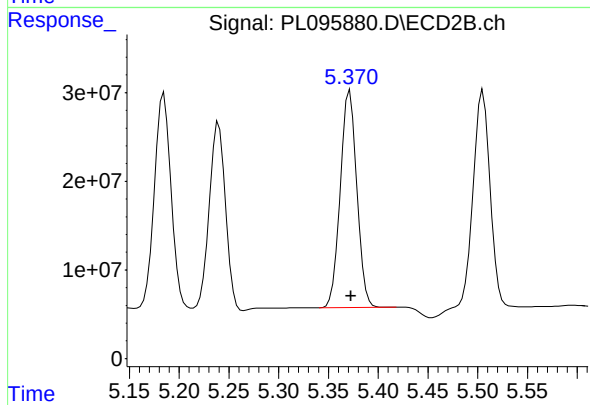
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 288918978
Conc: 55.53 ng/ml



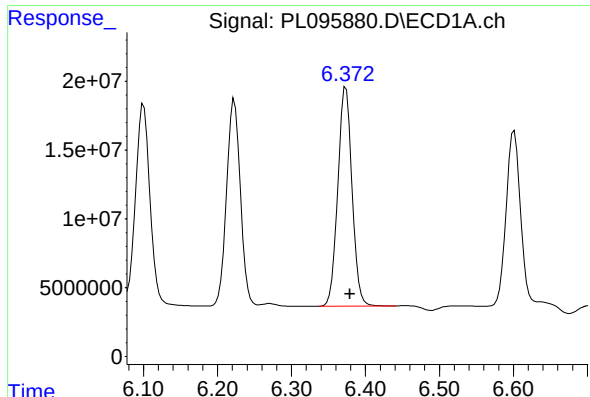
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 192923900
Conc: 52.60 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 284349364
Conc: 53.03 ng/ml



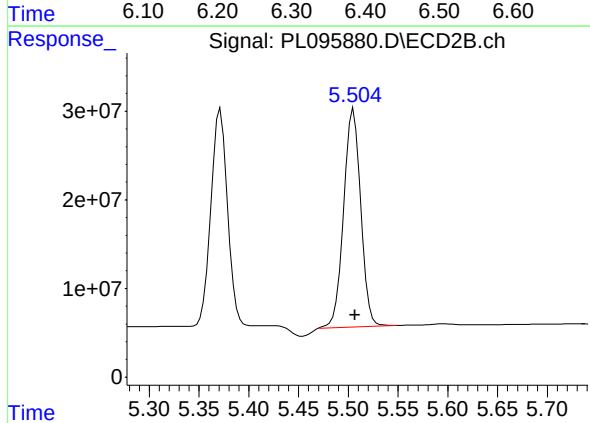
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 211874066
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

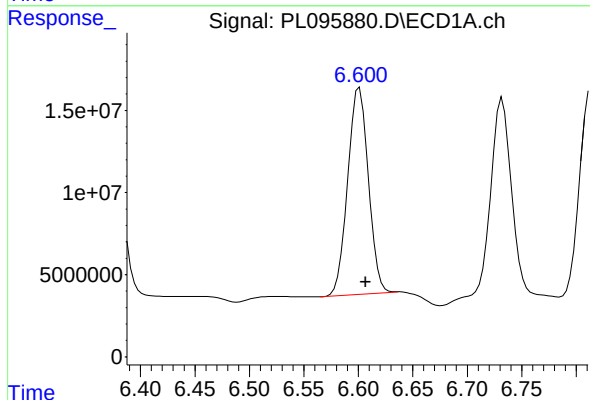
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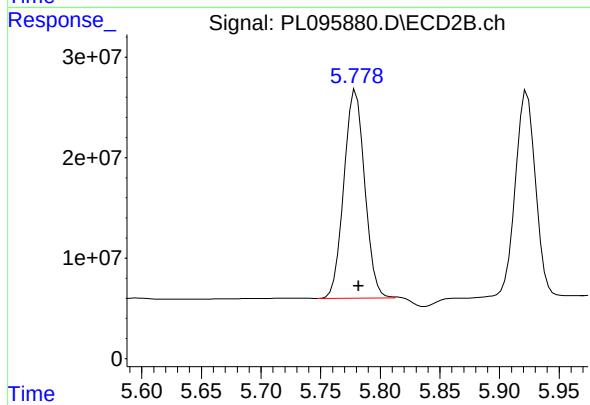
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 294149947
Conc: 55.50 ng/ml



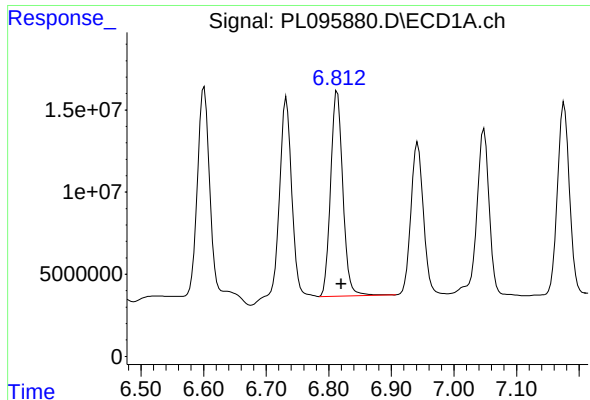
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 166527876
Conc: 51.61 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 252600736
Conc: 51.80 ng/ml m



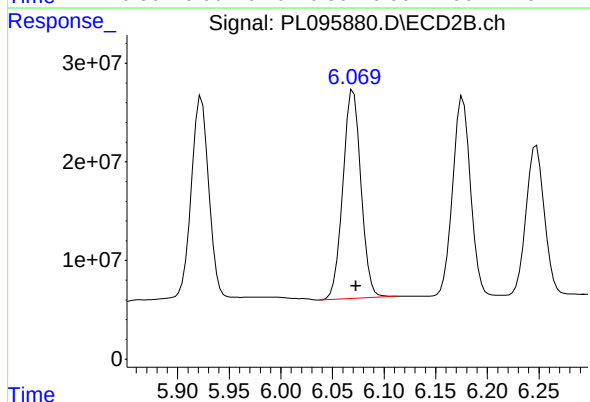
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 169648959
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

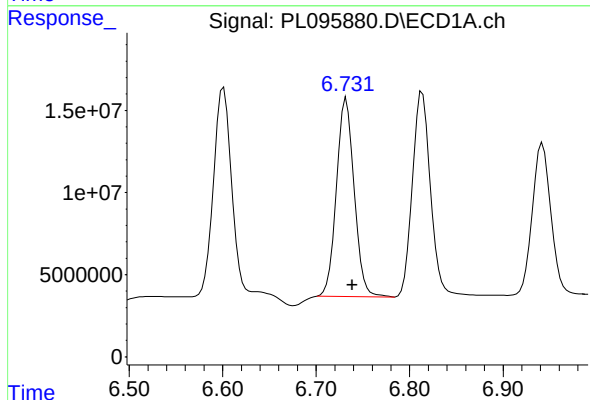
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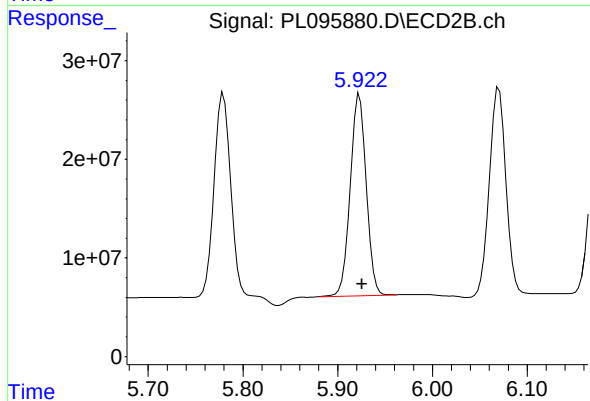
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 258114627
Conc: 54.32 ng/ml m



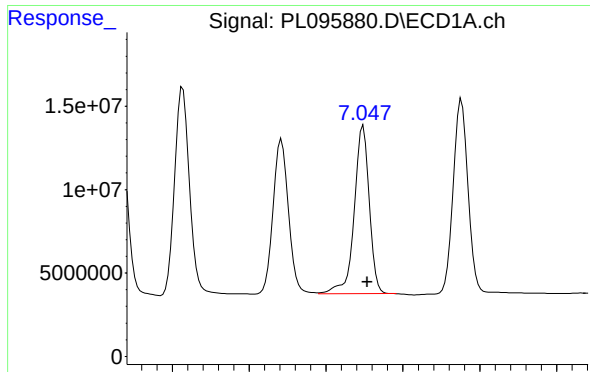
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 159221342
Conc: 54.33 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 240603619
Conc: 54.87 ng/ml



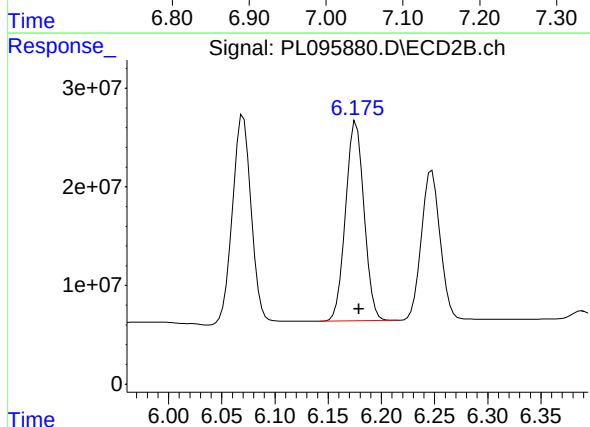
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 137438091
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

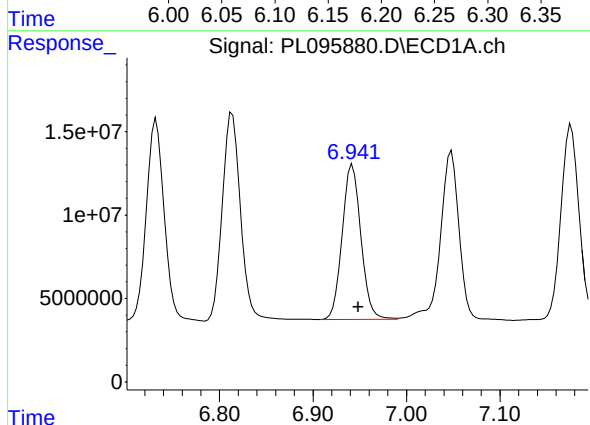
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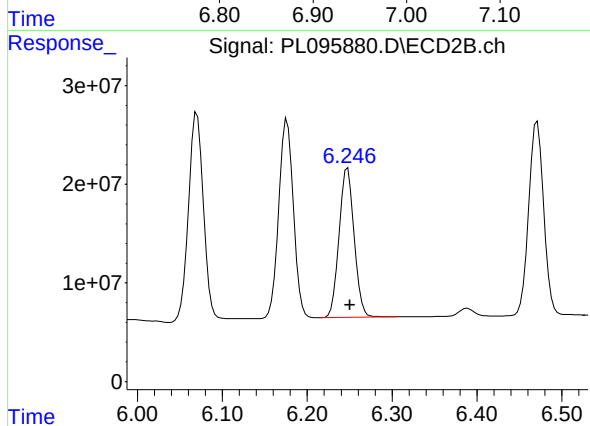
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 242171688
Conc: 50.64 ng/ml



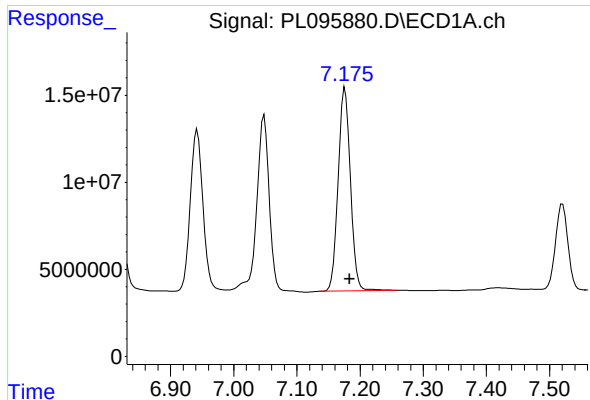
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 129378853
Conc: 53.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 186850450
Conc: 54.09 ng/ml



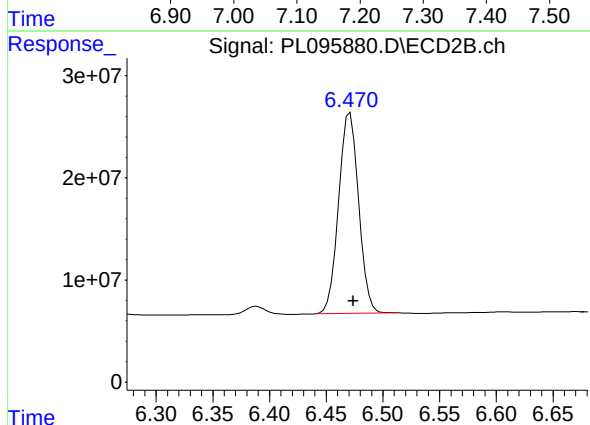
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 157217042
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

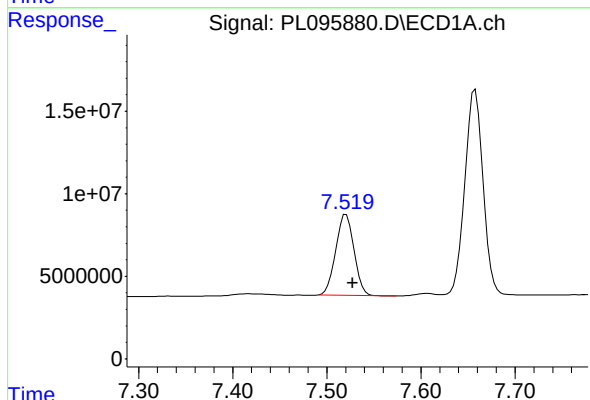
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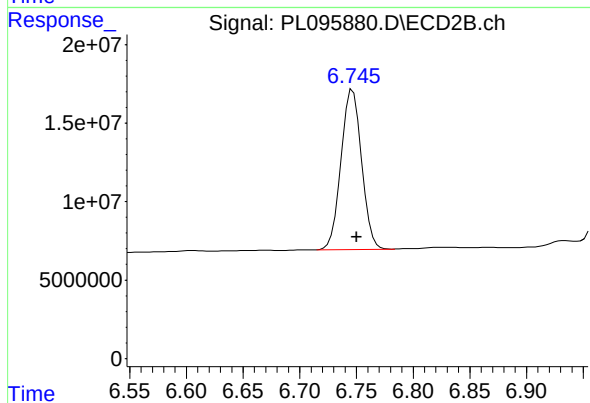
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 240221797
Conc: 53.44 ng/ml



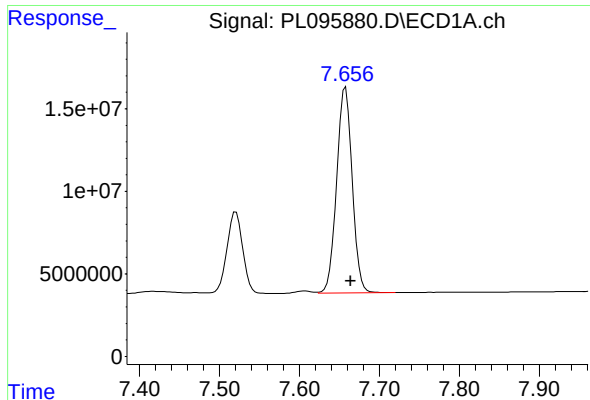
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.007 min
Response: 65954539
Conc: 51.72 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 128201631
Conc: 49.00 ng/ml



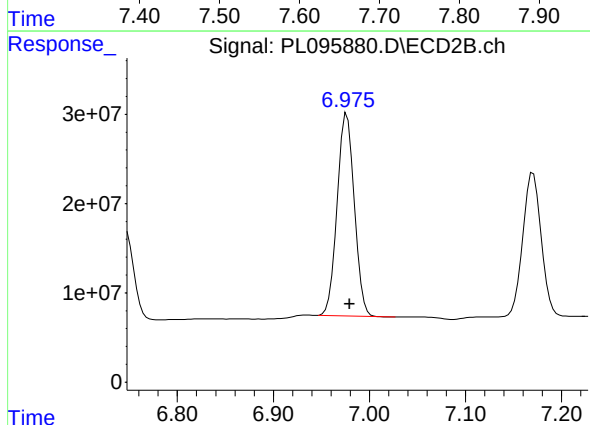
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 168399819
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

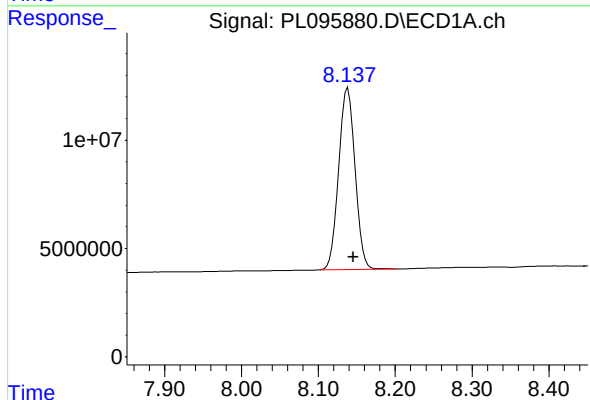
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



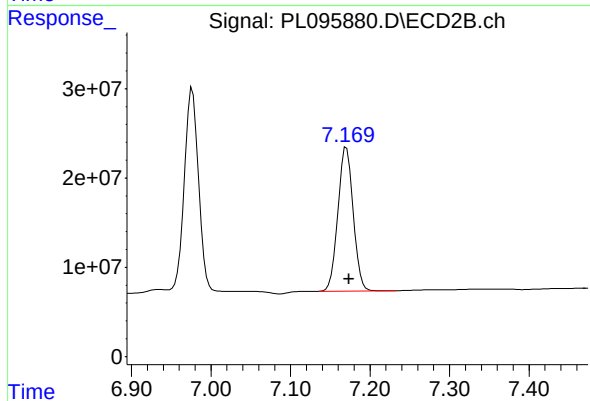
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 277795627
Conc: 53.69 ng/ml



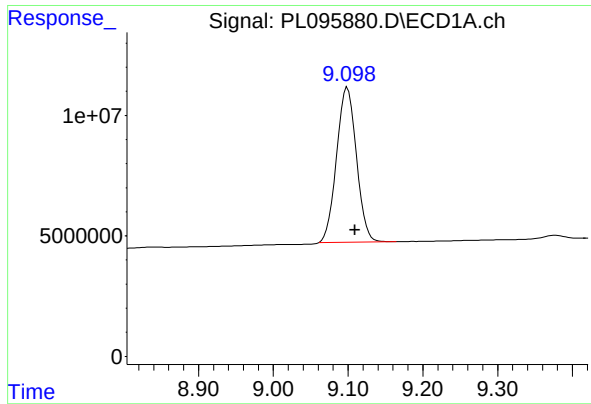
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.007 min
Response: 122533897
Conc: 52.96 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 215563534
Conc: 53.09 ng/ml



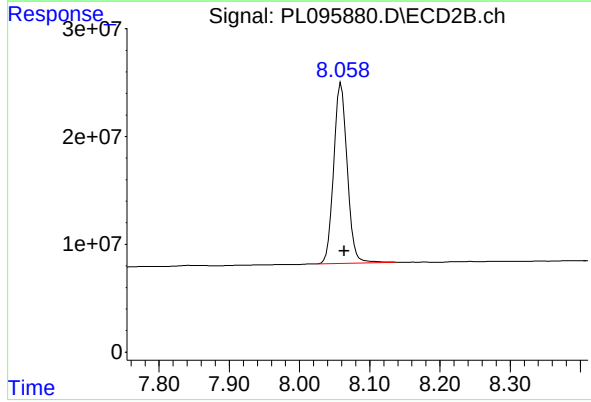
#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 118789209
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 223539578
Conc: 51.10 ng/ml