

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
 Data File : PL095508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 11:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/02/2025
 Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 12:37:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.598	2.909	142.8E6	162.6E6	43.749	51.135
28)	SA Decachlor...	9.125	8.090	133.2E6	143.4E6	48.057	48.446
Target Compounds							
2)	A alpha-BHC	4.049	3.419	221.7E6	248.7E6	44.751	55.910
3)	MA gamma-BHC...	4.380	3.752	211.4E6	237.0E6	44.665	53.894
4)	MA Heptachlor	4.978	4.106	208.3E6	230.8E6	45.537	52.974
5)	MB Aldrin	5.320	4.392	211.1E6	223.8E6	45.958	54.389
6)	B beta-BHC	4.566	4.046	92847107	107.6E6	44.908	51.847
7)	B delta-BHC	4.813	4.283	208.5E6	238.7E6	44.843m	54.473
8)	B Heptachlo...	5.740	4.895	190.7E6	205.4E6	47.609m	53.178
9)	A Endosulfan I	6.125	5.268	182.8E6	195.7E6	48.133	53.468
10)	B gamma-Chl...	5.996	5.148	202.2E6	214.2E6	49.567	52.843
11)	B alpha-Chl...	6.077	5.212	197.2E6	208.6E6	48.501	52.396
12)	B 4,4'-DDE	6.246	5.398	186.1E6	212.5E6	47.458	52.260
13)	MA Dieldrin	6.398	5.534	187.0E6	220.9E6	48.511	54.312
14)	MA Endrin	6.625	5.809	154.9E6	194.1E6	48.625	53.324
15)	B Endosulfa...	6.836	6.099	158.4E6	191.5E6	49.619m	53.338
16)	A 4,4'-DDD	6.755	5.951	148.8E6	182.6E6	52.576	55.902
17)	MA 4,4'-DDT	7.070	6.205	142.0E6	186.2E6	49.849	54.199
18)	B Endrin al...	6.967	6.277	116.9E6	140.0E6	50.358	53.583
19)	B Endosulfa...	7.200	6.500	138.1E6	175.9E6	49.295	53.001
20)	A Methoxychlor	7.541	6.775	68095857	99589555	48.810	52.211
21)	B Endrin ke...	7.681	7.007	143.3E6	203.2E6	50.261	57.716
22)	Mirex	8.163	7.201	116.9E6	151.2E6	49.182	52.445m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
Data File : PL095508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 11:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

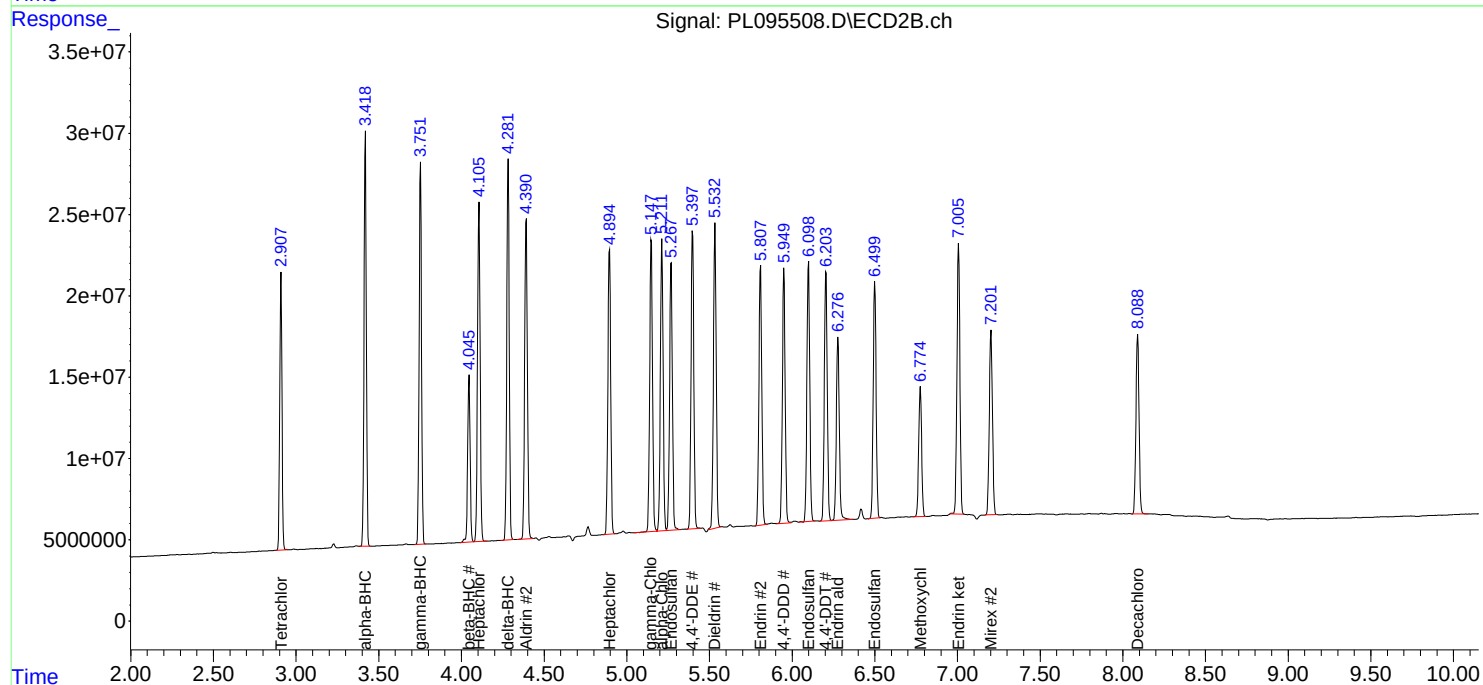
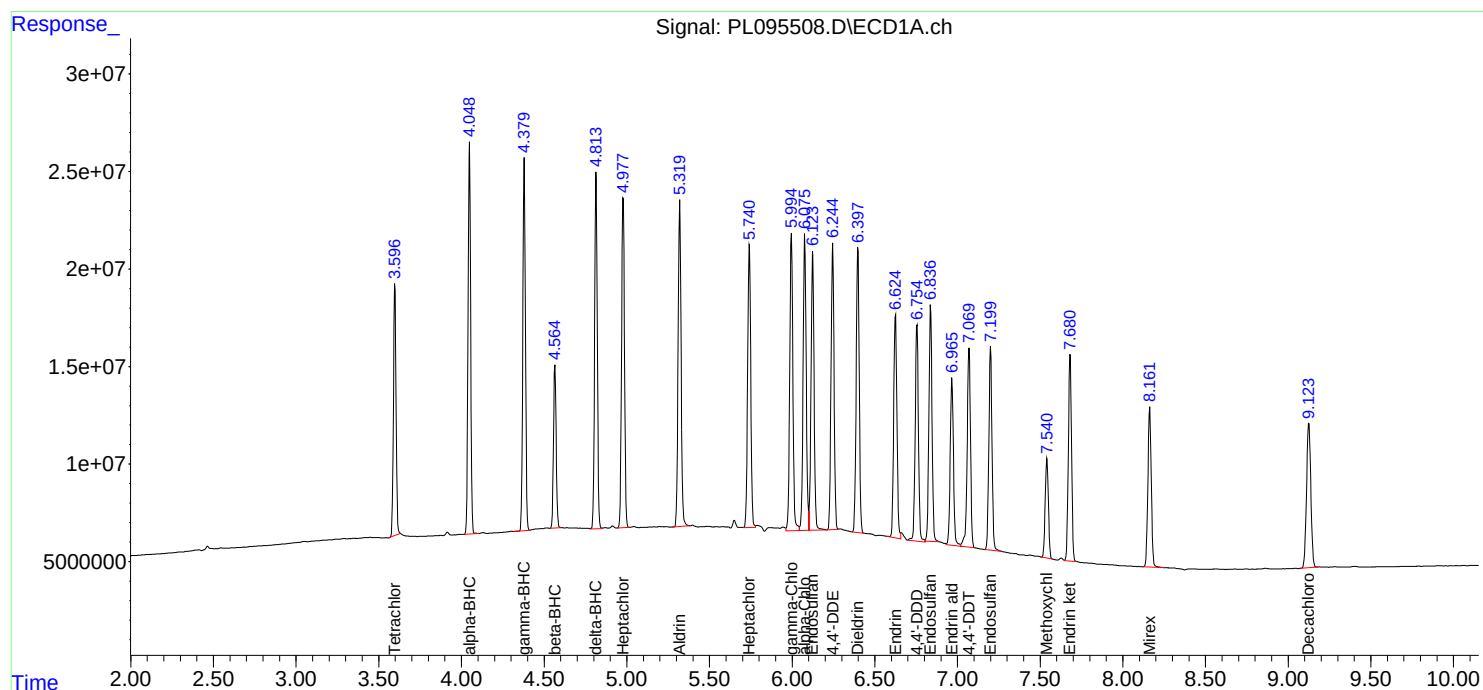
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

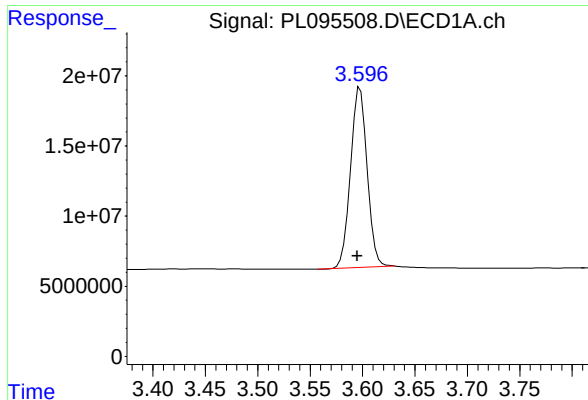
Manual Integrations
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Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 12:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





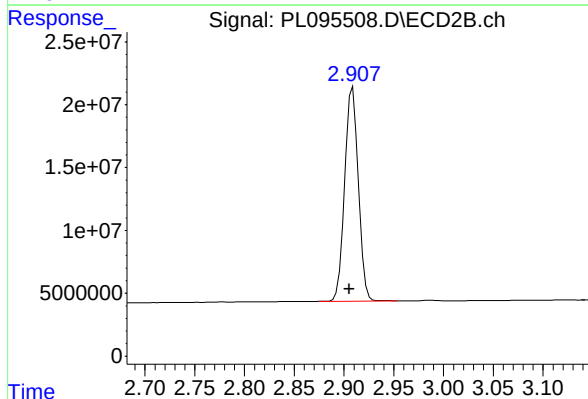
#1 Tetrachloro-m-xylene

R.T.: 3.598 min
Delta R.T.: 0.003 min
Response: 142827681
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

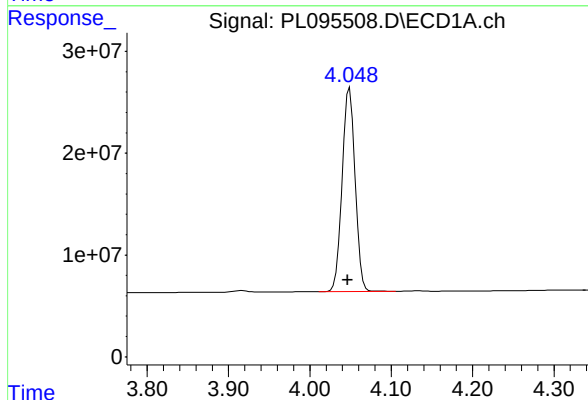
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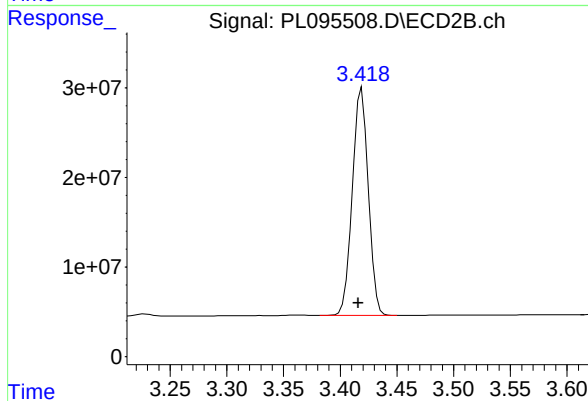
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 162596589
Conc: 51.13 ng/ml



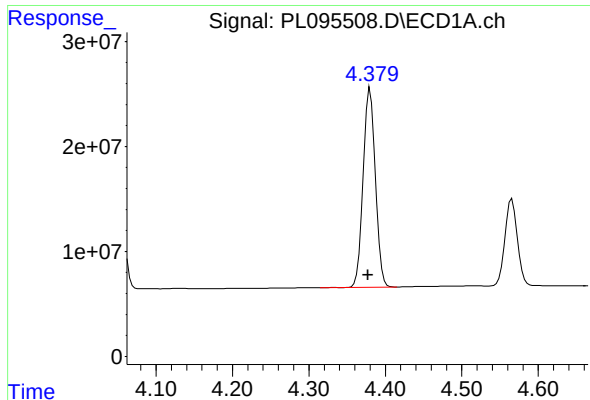
#2 alpha-BHC

R.T.: 4.049 min
Delta R.T.: 0.003 min
Response: 221682724
Conc: 44.75 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 248728754
Conc: 55.91 ng/ml



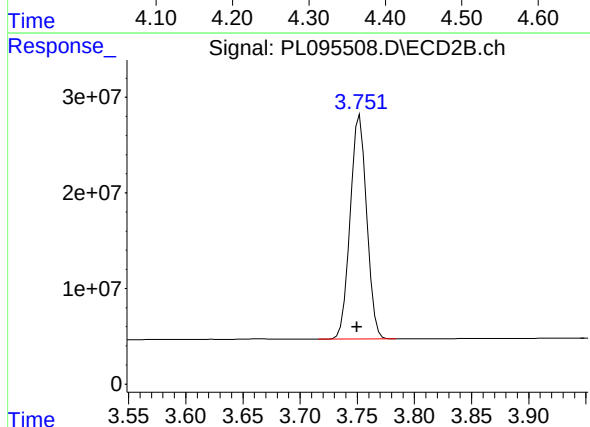
#3 gamma-BHC (Lindane)

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 211440940
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

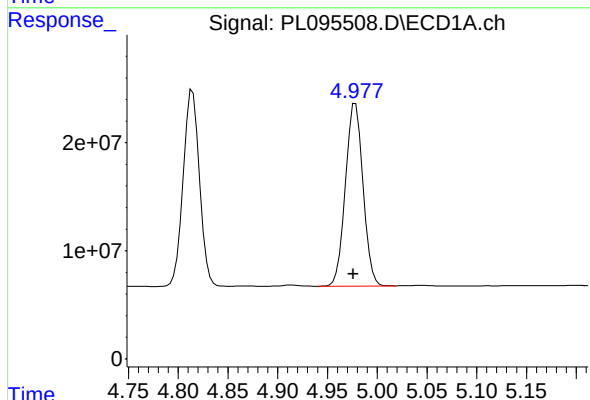
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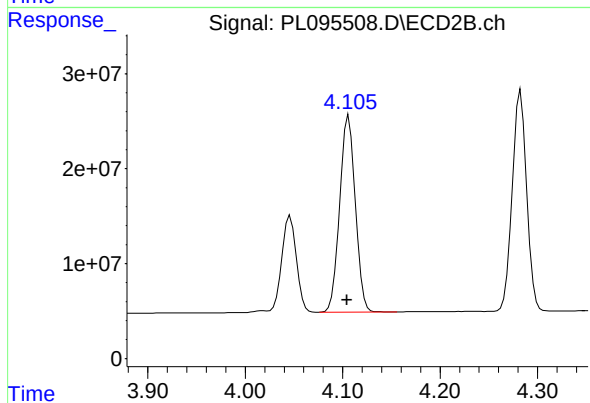
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.003 min
Response: 237038703
Conc: 53.89 ng/ml



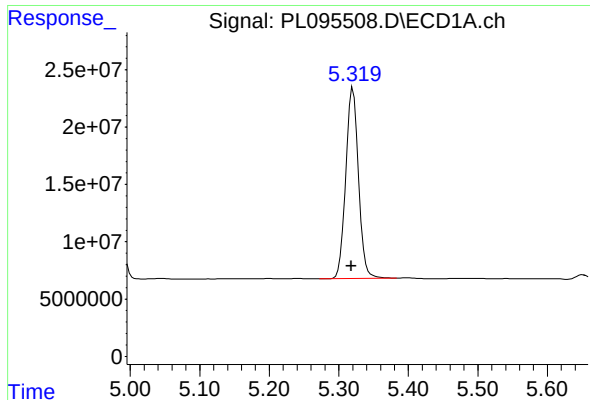
#4 Heptachlor

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 208306109
Conc: 45.54 ng/ml



#4 Heptachlor

R.T.: 4.106 min
Delta R.T.: 0.002 min
Response: 230793009
Conc: 52.97 ng/ml



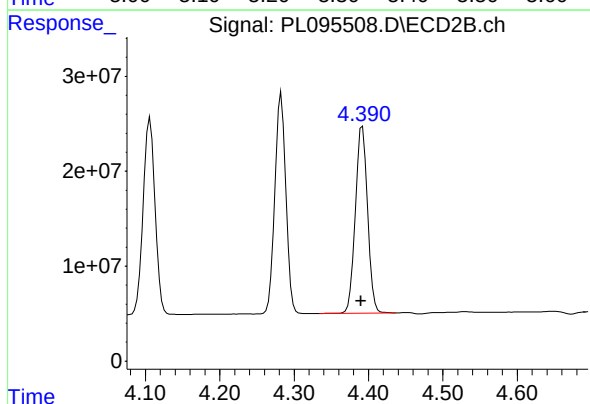
#5 Aldrin

R.T.: 5.320 min
Delta R.T.: 0.002 min
Response: 211087438
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

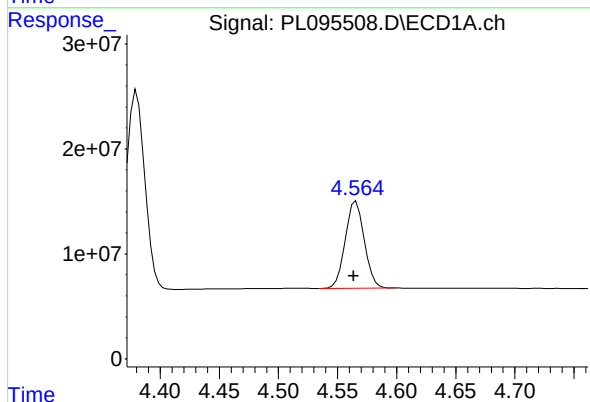
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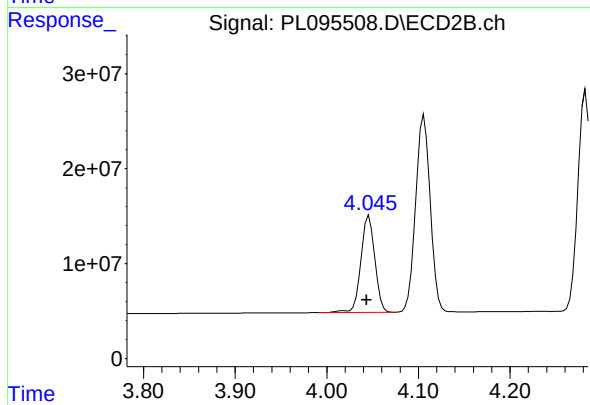
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.002 min
Response: 223848341
Conc: 54.39 ng/ml



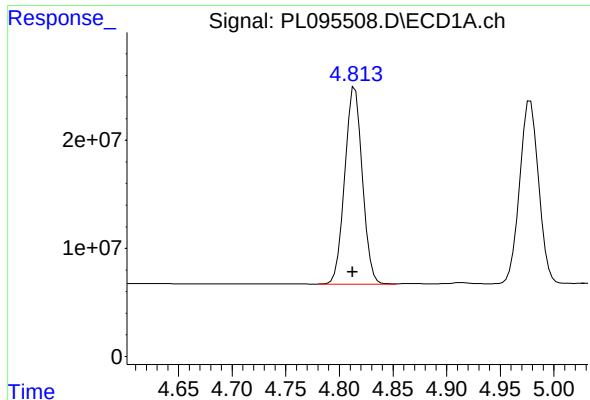
#6 beta-BHC

R.T.: 4.566 min
Delta R.T.: 0.002 min
Response: 92847107
Conc: 44.91 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.003 min
Response: 107626572
Conc: 51.85 ng/ml



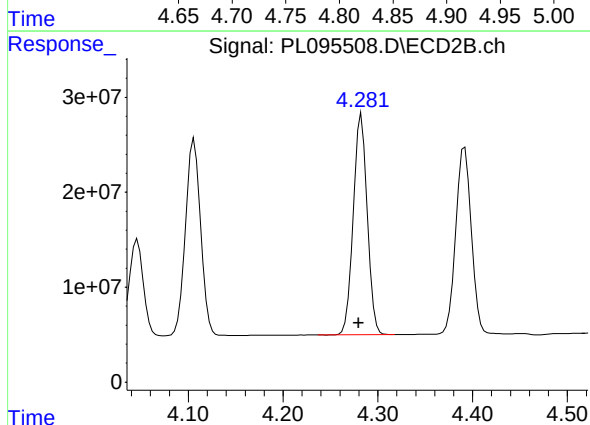
#7 delta-BHC

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 208549346
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

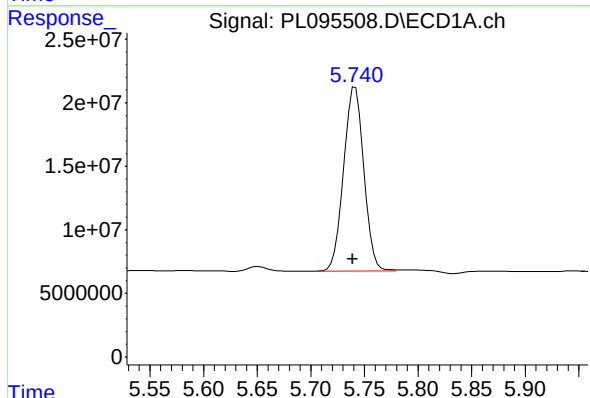
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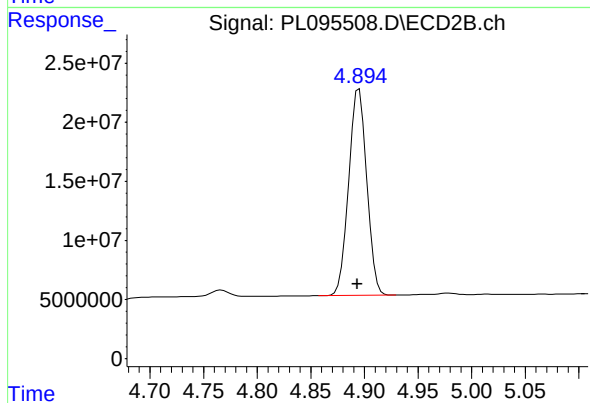
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.003 min
Response: 238696779
Conc: 54.47 ng/ml



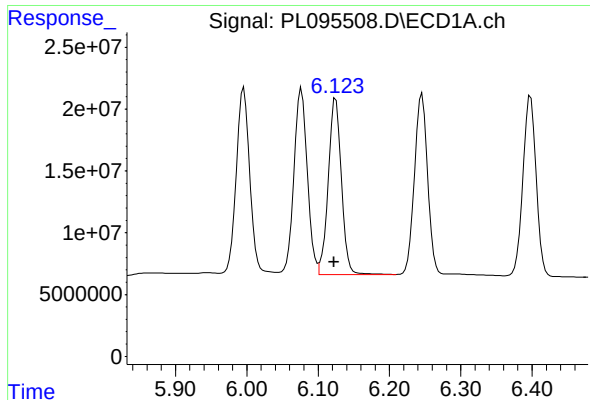
#8 Heptachlor epoxide

R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 190681339
Conc: 47.61 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 205408572
Conc: 53.18 ng/ml



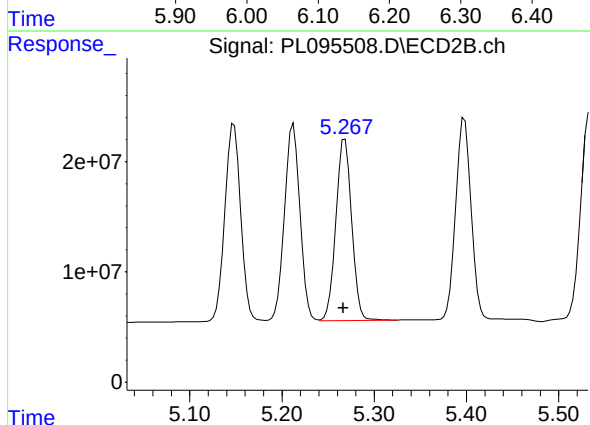
#9 Endosulfan I

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 182783978
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

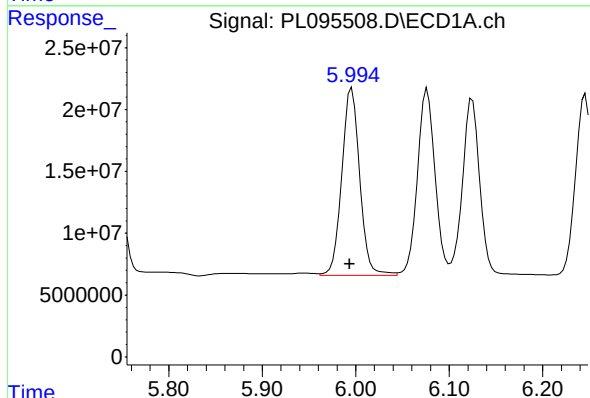
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Supervised By :mohammad ahmed 05/05/2025



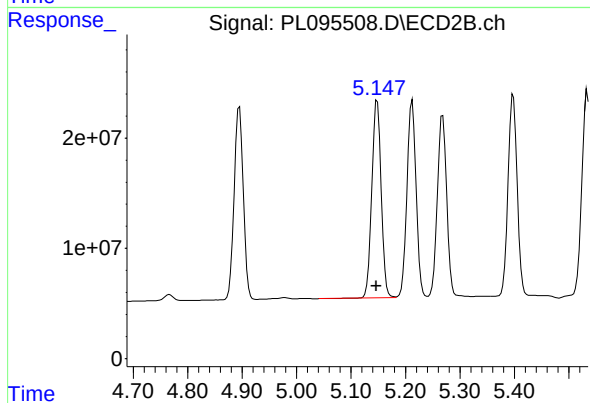
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 195716740
Conc: 53.47 ng/ml



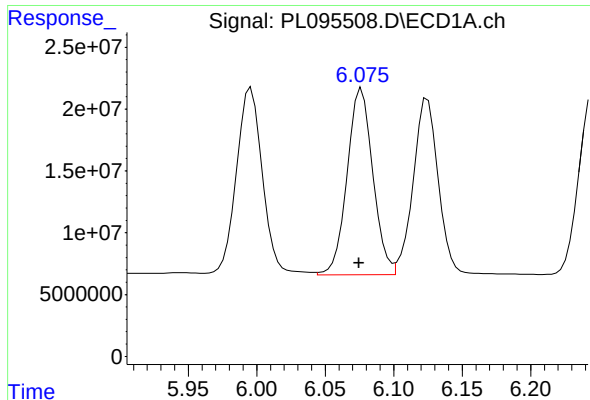
#10 gamma-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 202201165
Conc: 49.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.001 min
Response: 214156740
Conc: 52.84 ng/ml



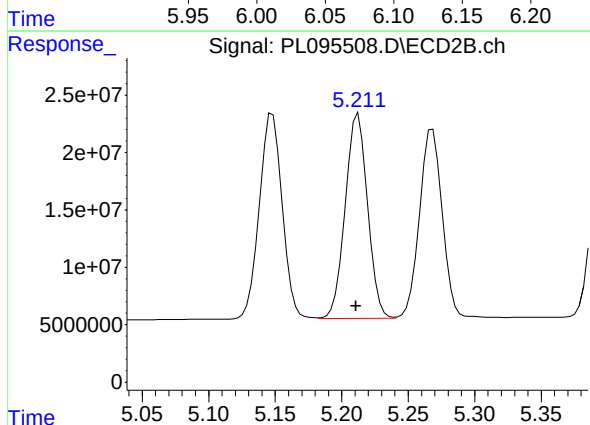
#11 alpha-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 197211323
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

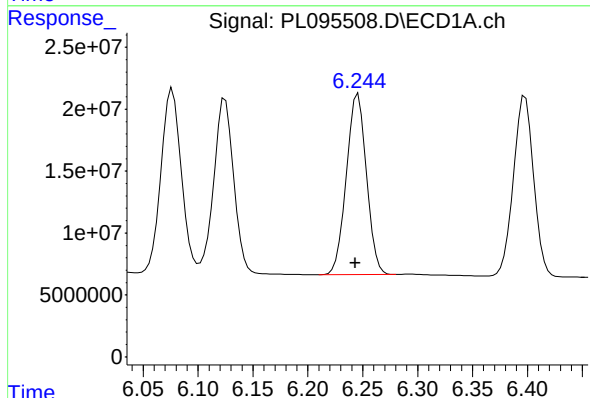
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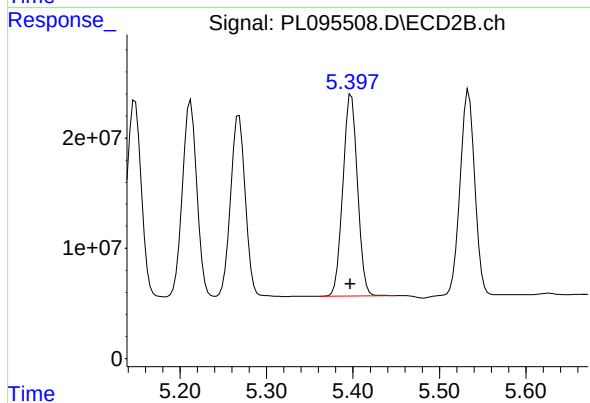
#11 alpha-Chlordane

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 208591461
Conc: 52.40 ng/ml



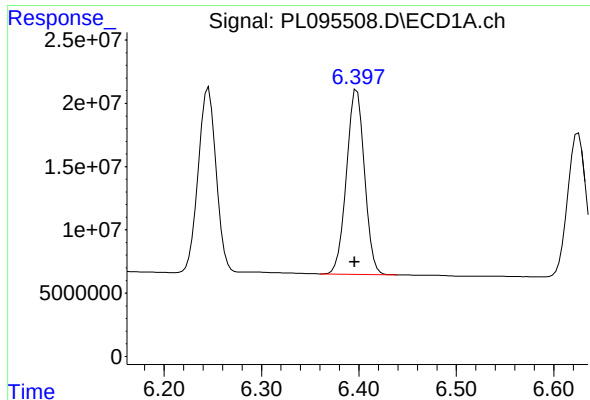
#12 4,4'-DDE

R.T.: 6.246 min
Delta R.T.: 0.003 min
Response: 186062850
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.001 min
Response: 212541099
Conc: 52.26 ng/ml



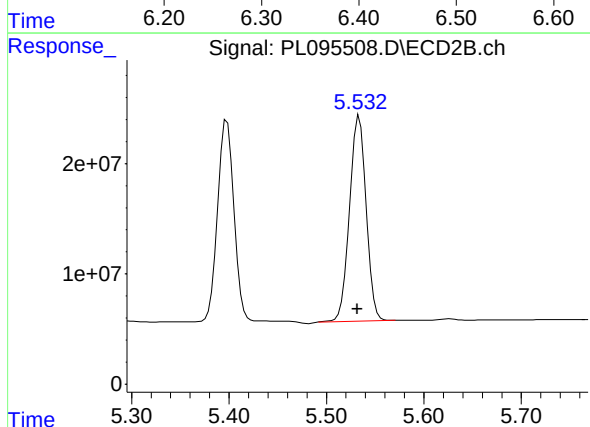
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: 0.002 min
Response: 187001907
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

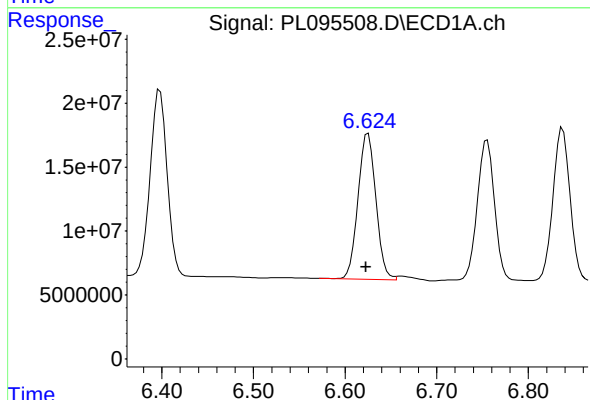
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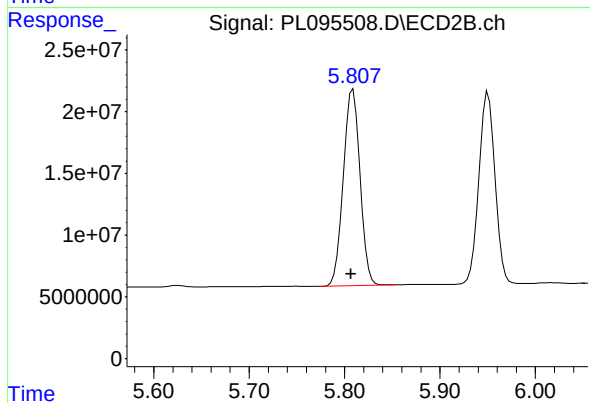
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 220891670
Conc: 54.31 ng/ml



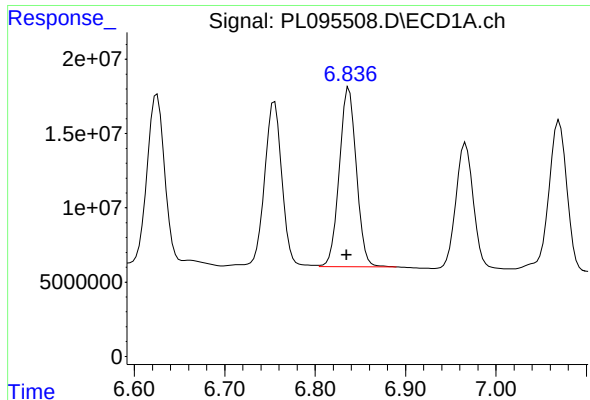
#14 Endrin

R.T.: 6.625 min
Delta R.T.: 0.002 min
Response: 154857818
Conc: 48.62 ng/ml



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 194137338
Conc: 53.32 ng/ml



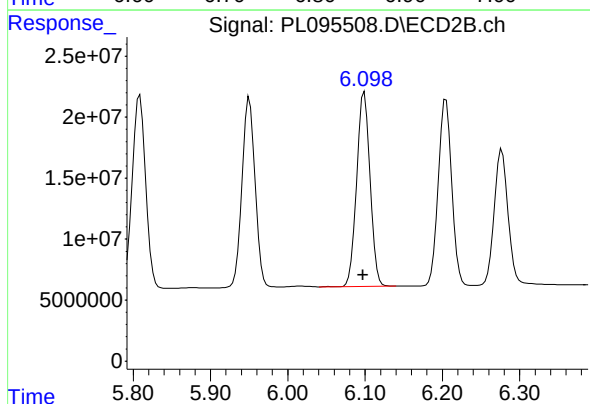
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.001 min
Response: 158391030
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

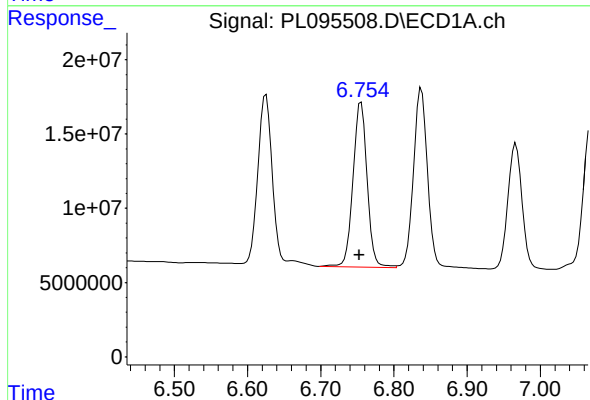
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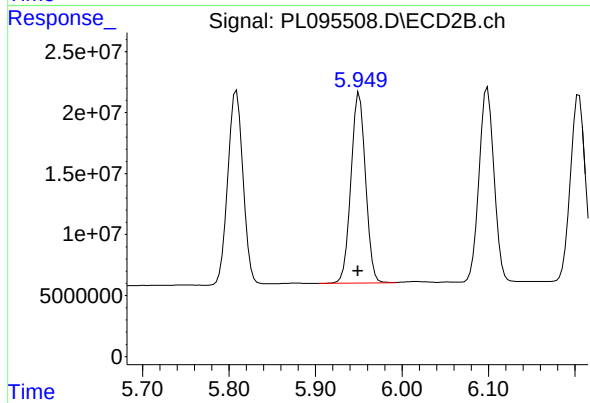
#15 Endosulfan II

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 191540792
Conc: 53.34 ng/ml



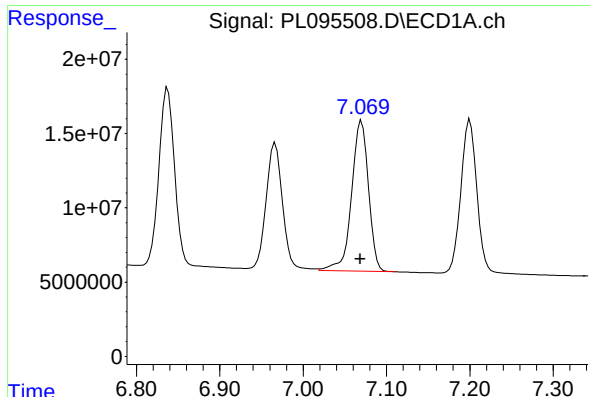
#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 148841370
Conc: 52.58 ng/ml



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 182620613
Conc: 55.90 ng/ml



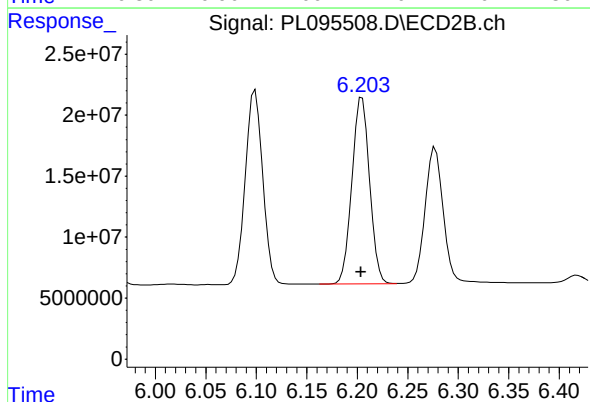
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 141998685
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

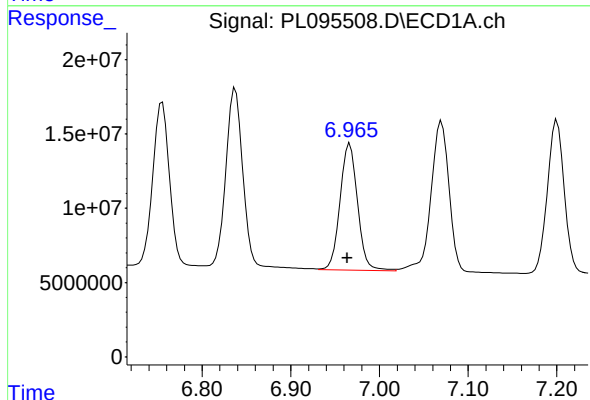
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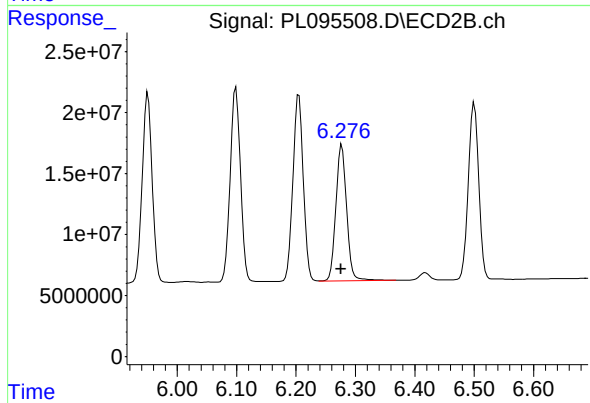
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 186236918
Conc: 54.20 ng/ml



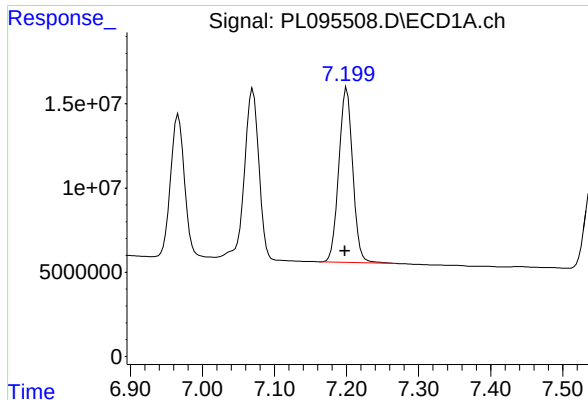
#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: 0.003 min
Response: 116871616
Conc: 50.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 140020935
Conc: 53.58 ng/ml



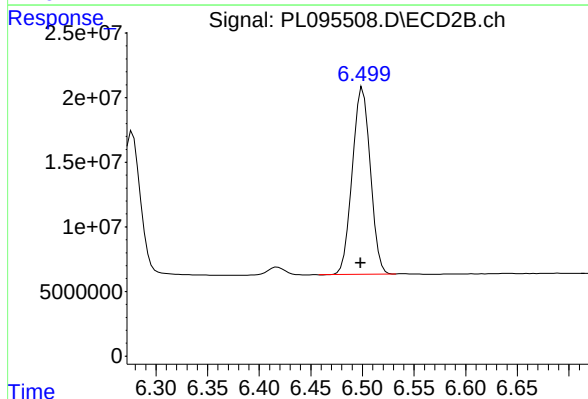
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 138115773
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

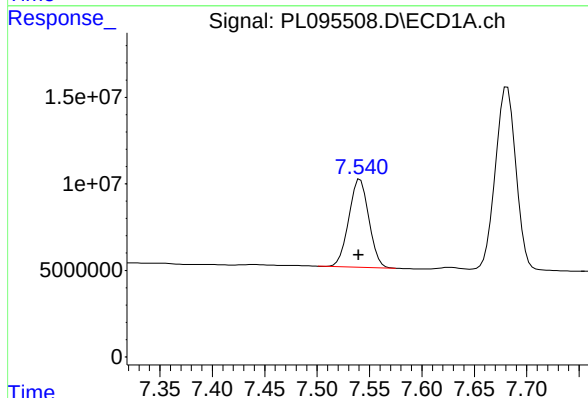
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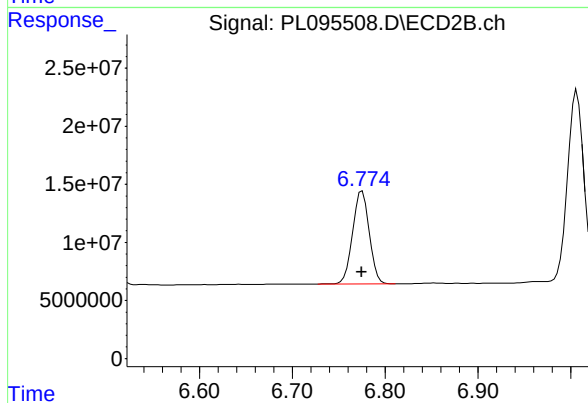
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 175854758
Conc: 53.00 ng/ml



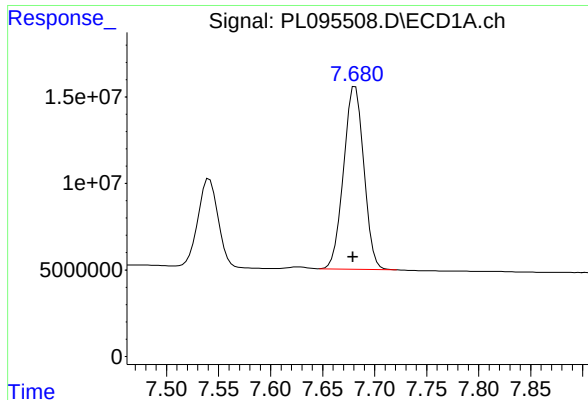
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.002 min
Response: 68095857
Conc: 48.81 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 99589555
Conc: 52.21 ng/ml



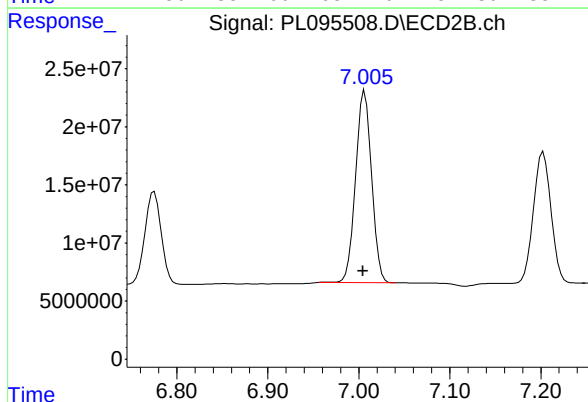
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 143287371
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

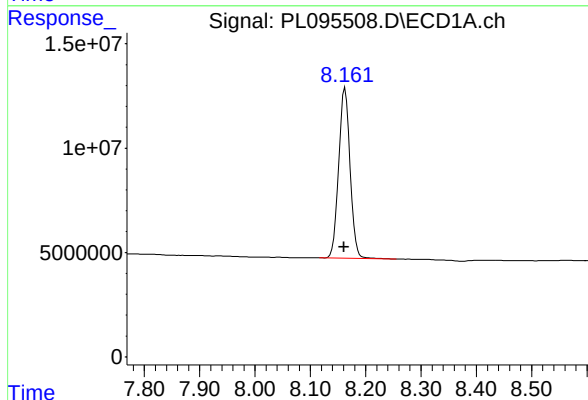
Manual Integrations
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Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025



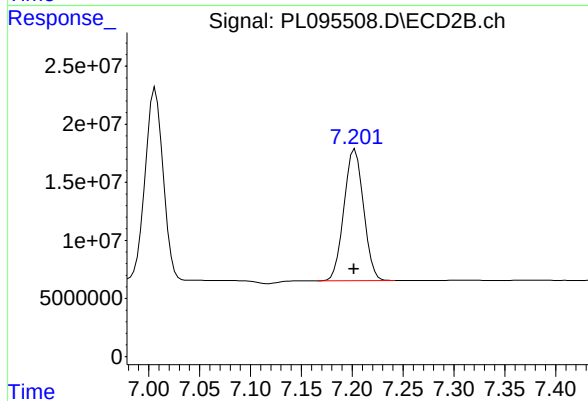
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 203236223
Conc: 57.72 ng/ml



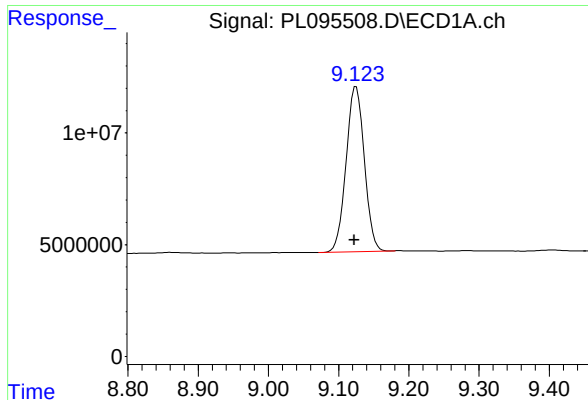
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.002 min
Response: 116858439
Conc: 49.18 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 151168846
Conc: 52.45 ng/ml m



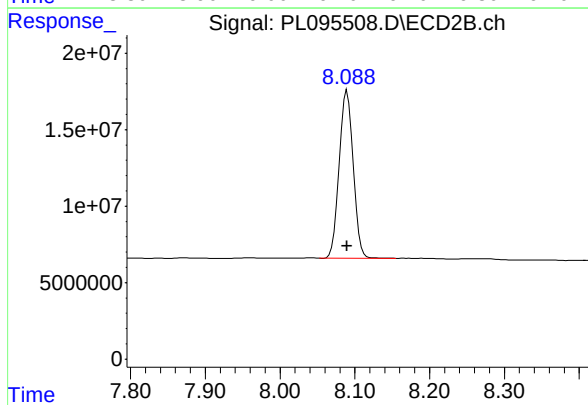
#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.003 min
Response: 133155675
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/05/2025



#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 143365821
Conc: 48.45 ng/ml