

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 10:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2025
 Supervised By : mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:40:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.535	2.768	128.5E6	174.2E6	45.388	48.813
28) SA Decachlor...	9.051	7.901	105.1E6	186.0E6	49.865	46.037
Target Compounds						
2) A alpha-BHC	3.991	3.270	190.8E6	268.5E6	45.952	49.806
3) MA gamma-BHC...	4.323	3.598	182.9E6	251.1E6	45.832	48.856m
4) MA Heptachlor	4.911	3.937	172.8E6	251.3E6	44.508	47.702
5) MB Aldrin	5.252	4.216	165.6E6	234.7E6	44.861	48.127
6) B beta-BHC	4.523	3.900	83344828	109.2E6	45.168	49.177
7) B delta-BHC	4.770	4.128	178.2E6	250.5E6	45.751	50.088
8) B Heptachlo...	5.678	4.718	153.7E6	217.9E6	45.935m	47.593
9) A Endosulfan I	6.065	5.088	144.8E6	211.6E6	47.167	48.205
10) B gamma-Chl...	5.936	4.969	156.2E6	233.2E6	46.348	48.304
11) B alpha-Chl...	6.014	5.032	154.4E6	230.3E6	46.819	48.260
12) B 4,4'-DDE	6.189	5.219	152.8E6	230.0E6	51.936	49.474m
13) MA Dieldrin	6.341	5.350	151.3E6	232.0E6	47.303	47.811m
14) MA Endrin	6.569	5.628	129.6E6	212.7E6	46.737m	48.738
15) B Endosulfa...	6.791	5.923	132.8E6	205.1E6	48.912	47.388
16) A 4,4'-DDD	6.706	5.776	116.6E6	185.4E6	53.838	51.546
17) MA 4,4'-DDT	7.020	6.026	121.5E6	205.6E6	51.078	50.999
18) B Endrin al...	6.921	6.102	101.7E6	161.0E6	48.163	47.838
19) B Endosulfa...	7.156	6.325	116.1E6	198.7E6	47.751	48.784
20) A Methoxychlor	7.497	6.601	63089642	110.1E6	52.703	51.901
21) B Endrin ke...	7.641	6.829	128.1E6	227.3E6	48.458	47.616m
22) Mirex	8.113	7.008	93002462	172.0E6	45.009	45.317m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
Data File : PL095097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 10:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

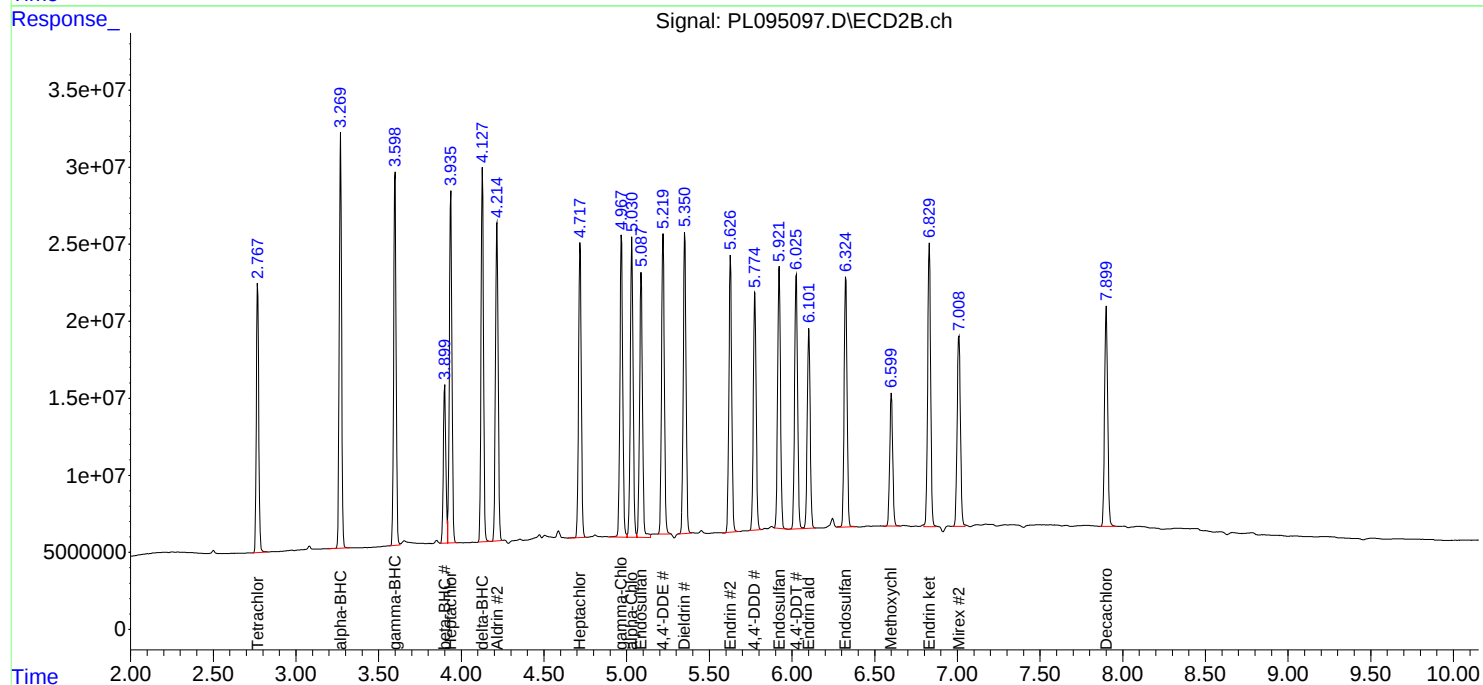
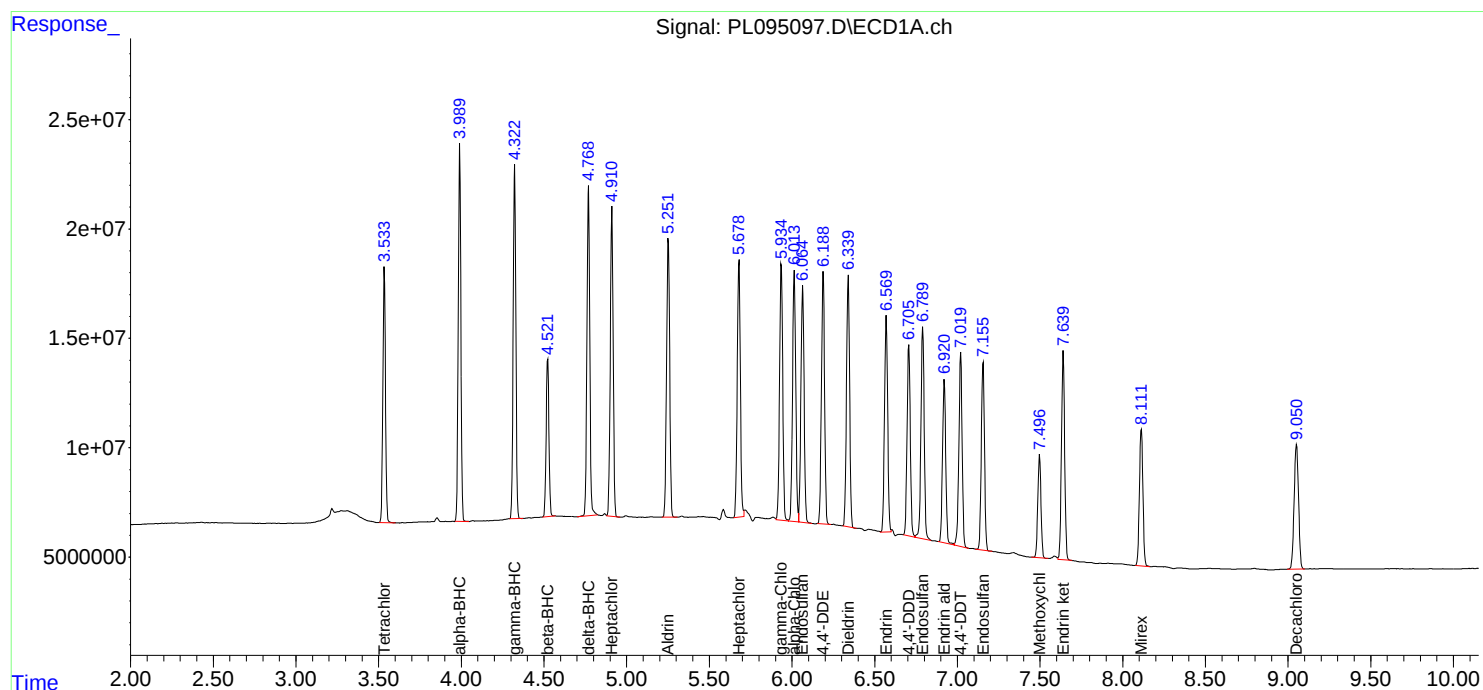
APPROVED

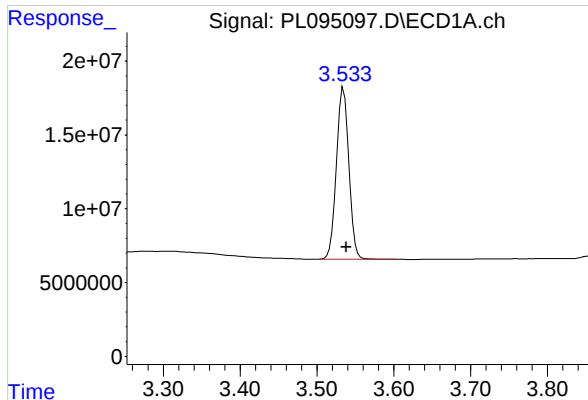
Reviewed By :Abdul Mirza 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 22:40:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





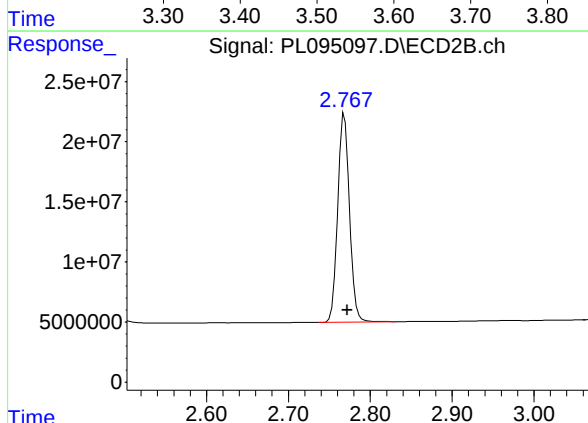
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 128477324
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

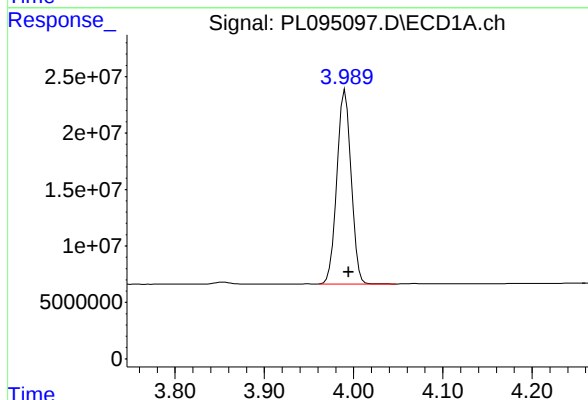
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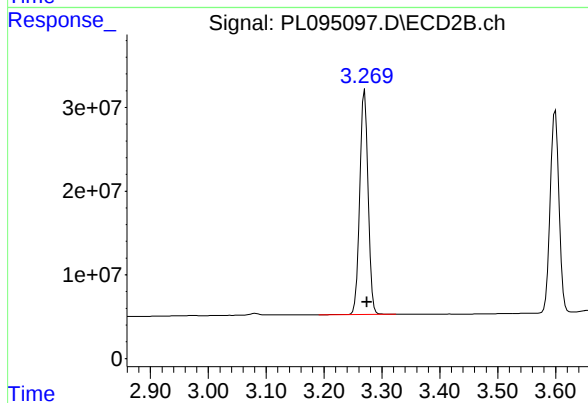
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.003 min
Response: 174227744
Conc: 48.81 ng/ml



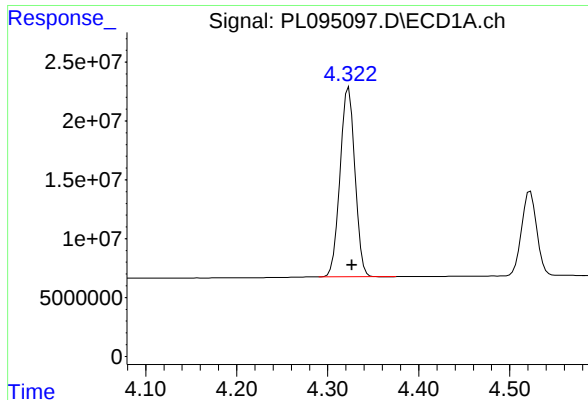
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 190810176
Conc: 45.95 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 268523513
Conc: 49.81 ng/ml



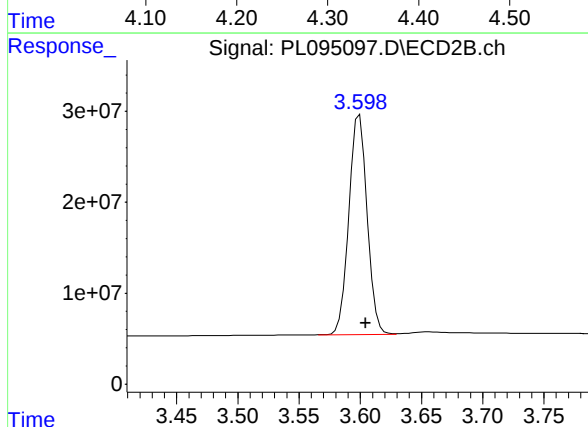
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 182881746
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

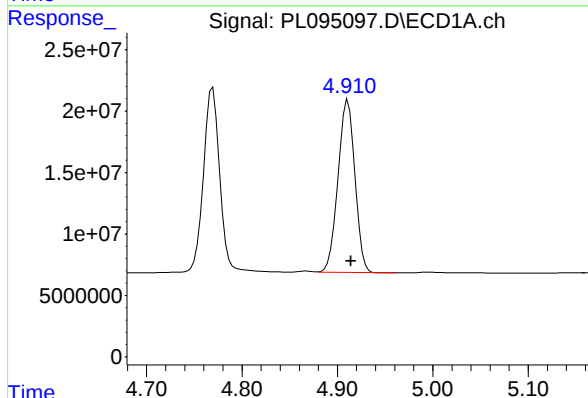
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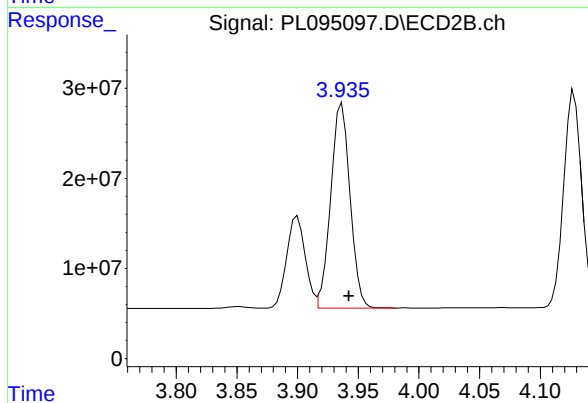
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 251093933
Conc: 48.86 ng/ml



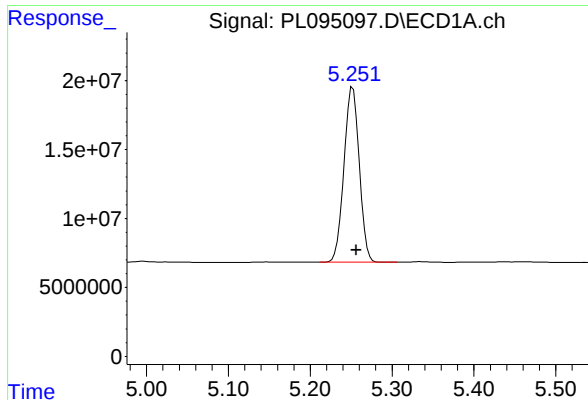
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 172765266
Conc: 44.51 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.006 min
Response: 251324239
Conc: 47.70 ng/ml



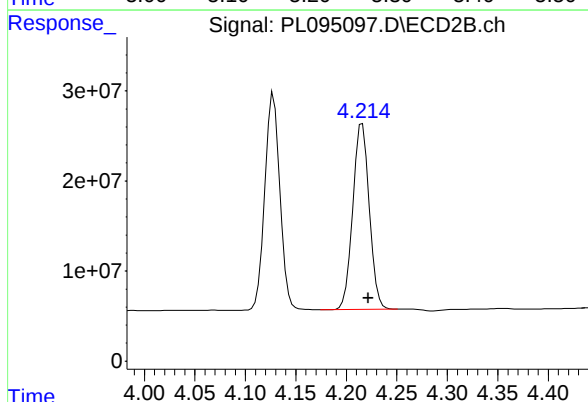
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 165636134
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

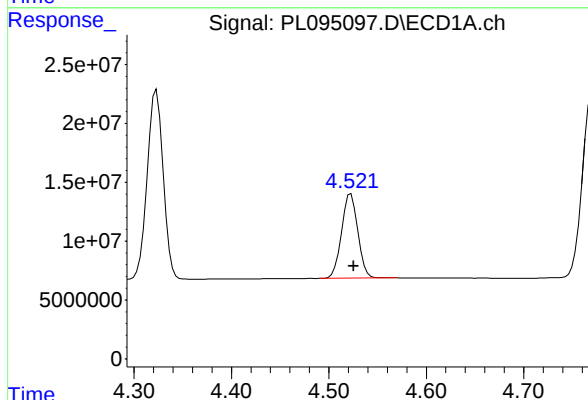
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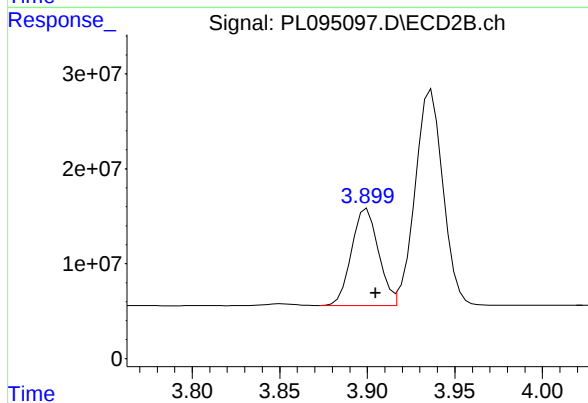
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 234683645
Conc: 48.13 ng/ml



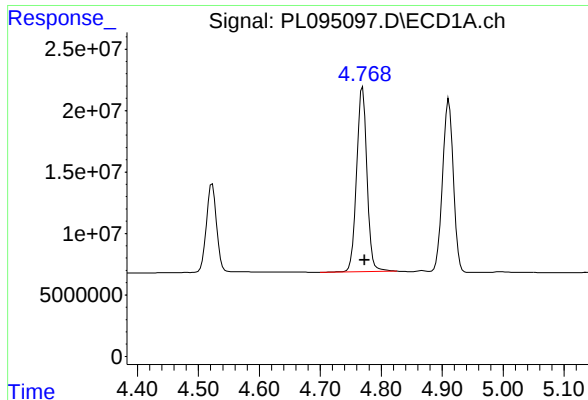
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 83344828
Conc: 45.17 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 109236185
Conc: 49.18 ng/ml



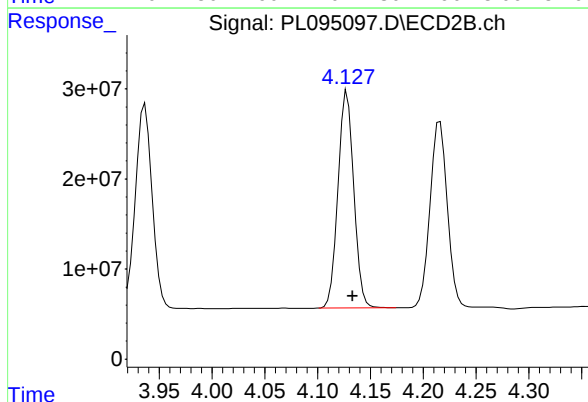
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 178167445
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

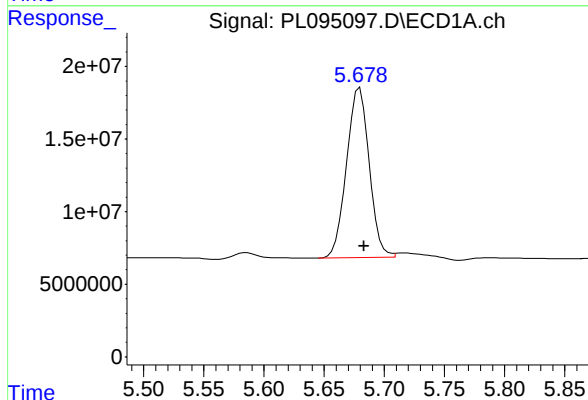
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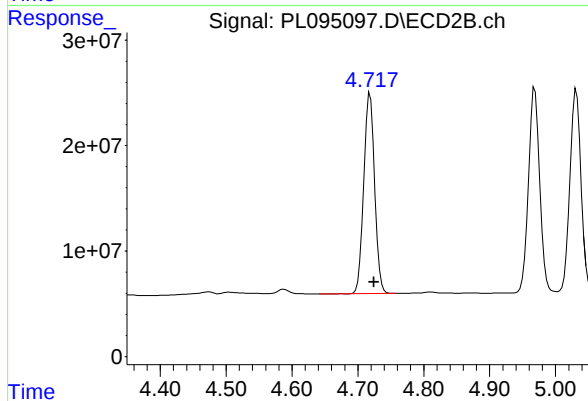
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 250539094
Conc: 50.09 ng/ml



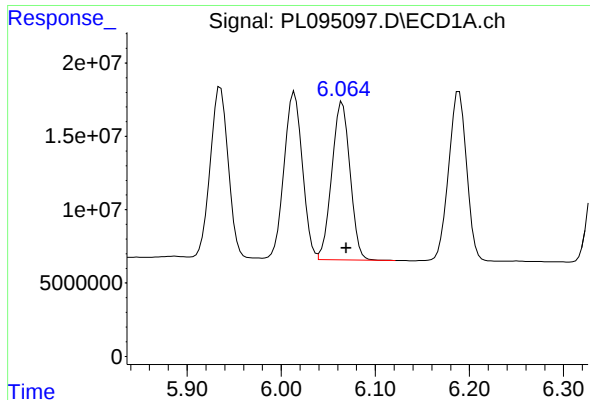
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 153660732
Conc: 45.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.006 min
Response: 217907031
Conc: 47.59 ng/ml



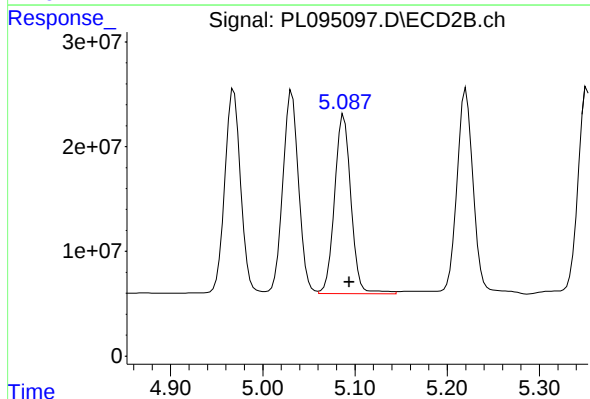
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 144811548
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

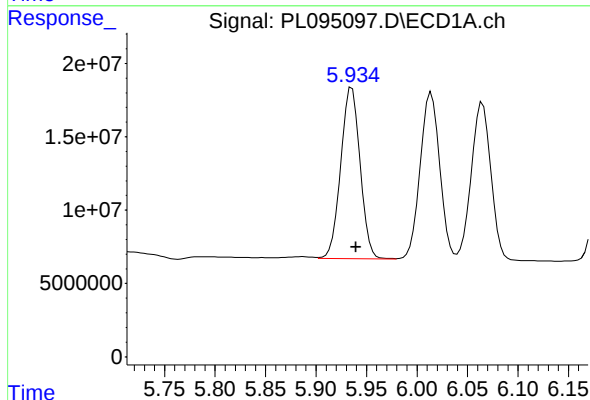
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Supervised By :mohammad ahmed 04/10/2025



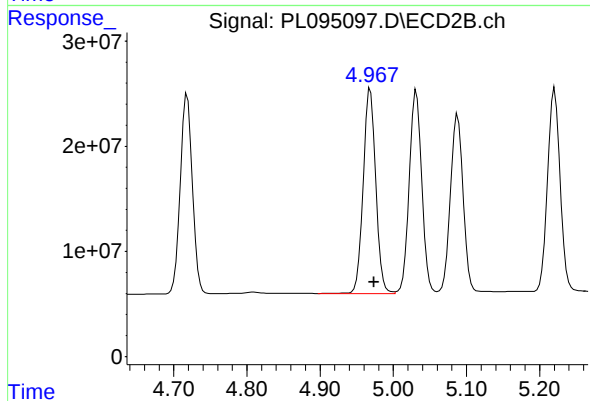
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 211558762
Conc: 48.20 ng/ml



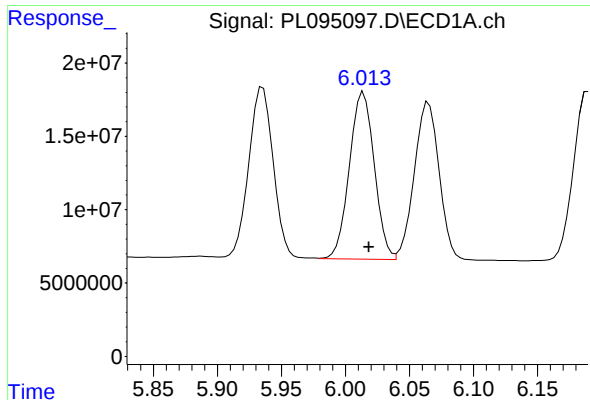
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 156162197
Conc: 46.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 233229864
Conc: 48.30 ng/ml



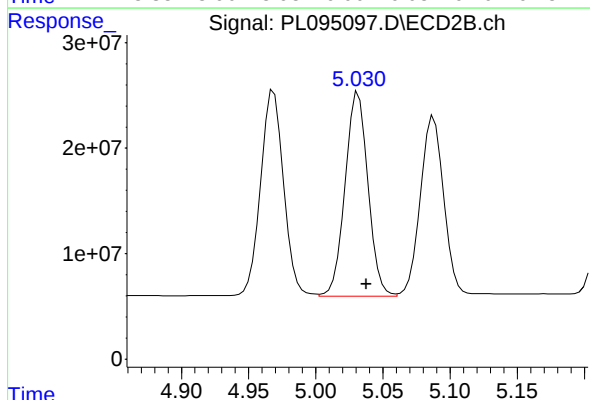
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 154353262
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

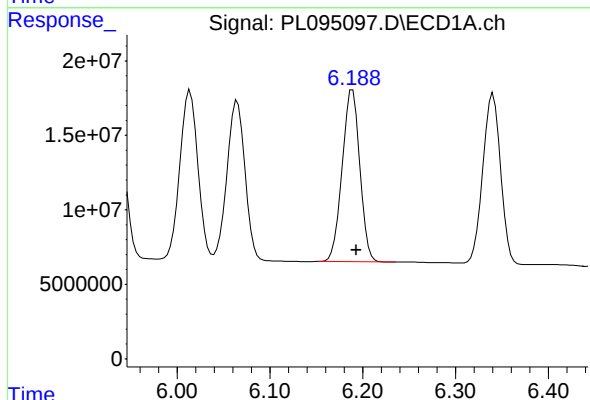
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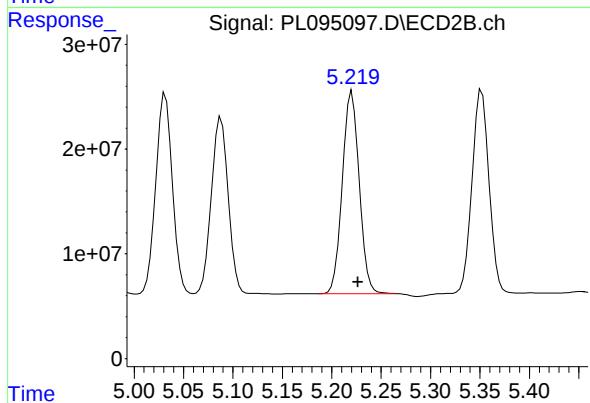
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 230333888
Conc: 48.26 ng/ml



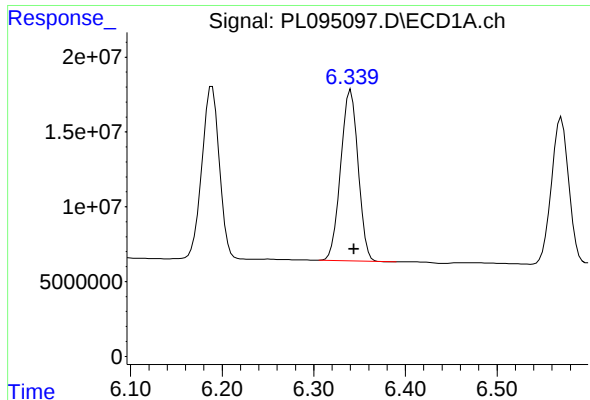
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 152799343
Conc: 51.94 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 229981999
Conc: 49.47 ng/ml m



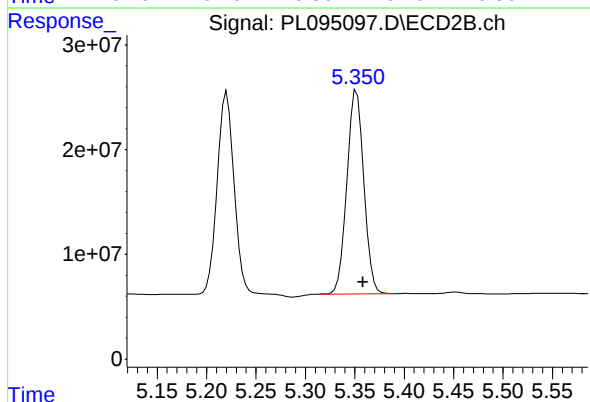
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 151282419
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

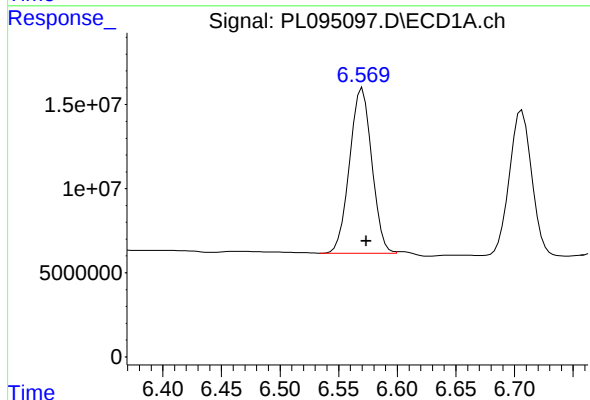
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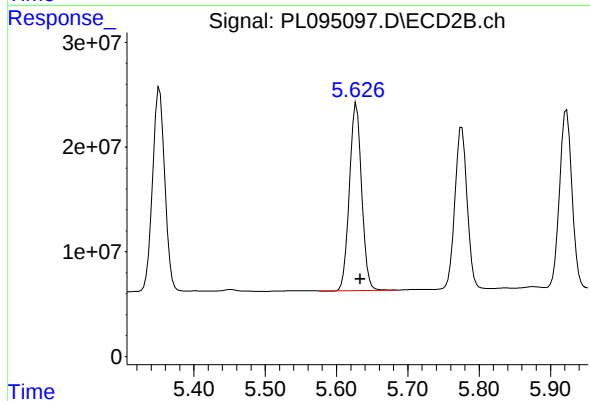
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 231969264
Conc: 47.81 ng/ml



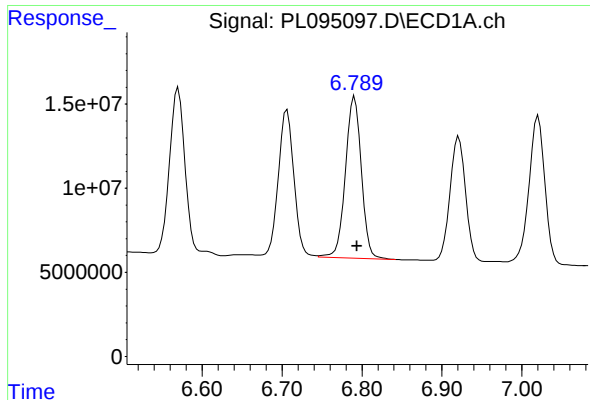
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 129557453
Conc: 46.74 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 212675789
Conc: 48.74 ng/ml



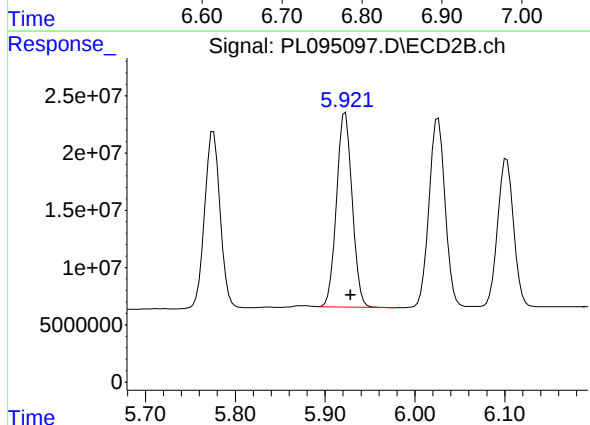
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 132784604
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

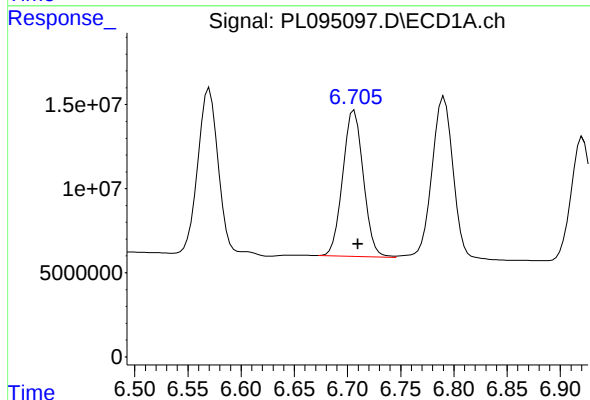
Manual Integrations
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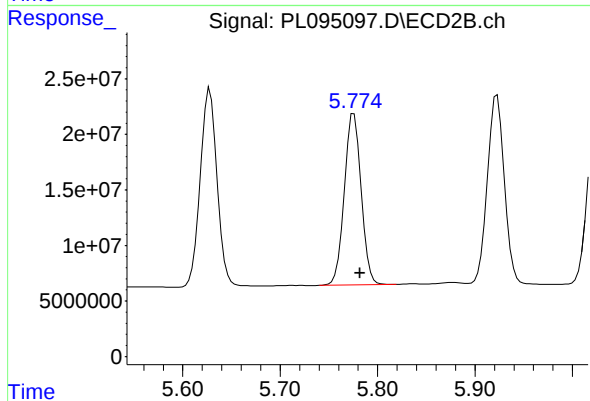
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 205106771
Conc: 47.39 ng/ml



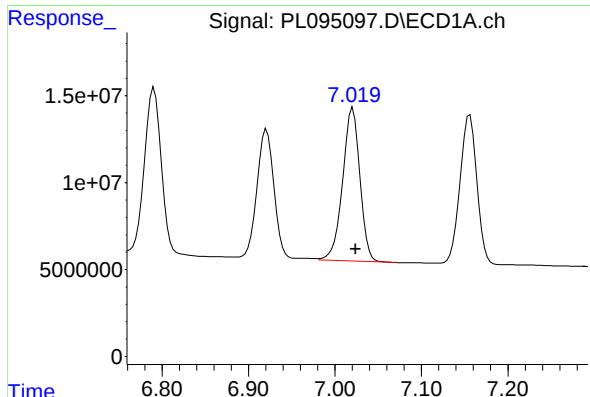
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 116616974
Conc: 53.84 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 185352543
Conc: 51.55 ng/ml



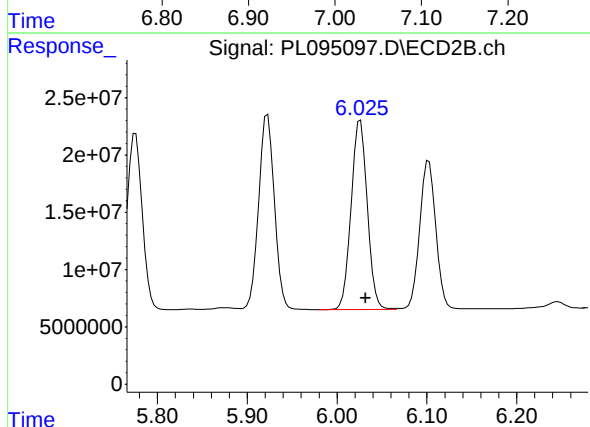
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 121491714
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

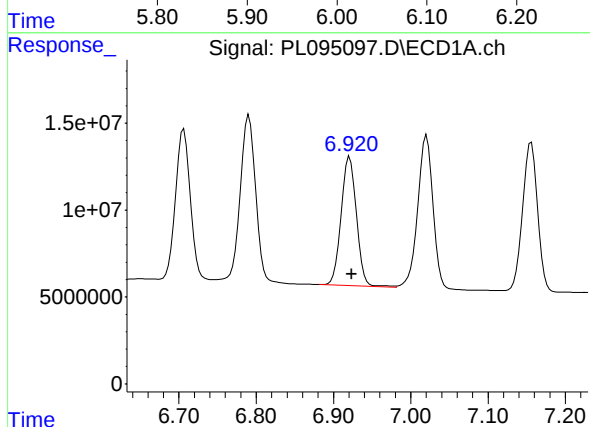
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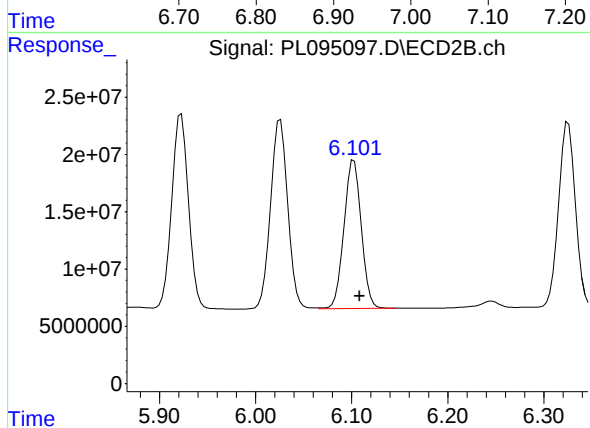
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 205632978
Conc: 51.00 ng/ml



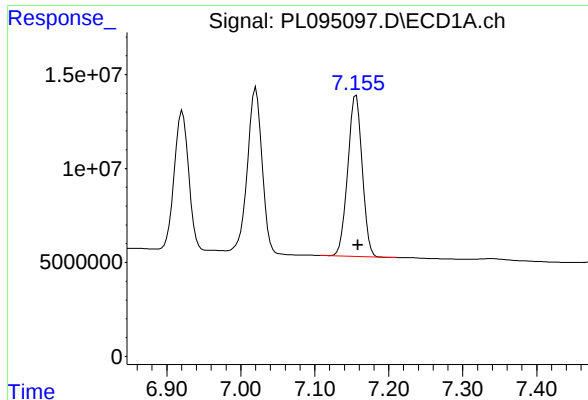
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 101671646
Conc: 48.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 160991480
Conc: 47.84 ng/ml



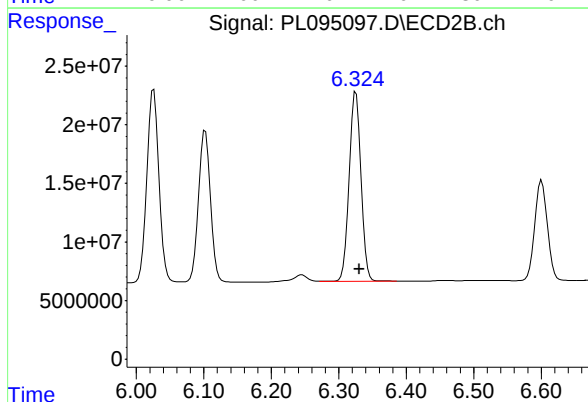
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 116130130
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

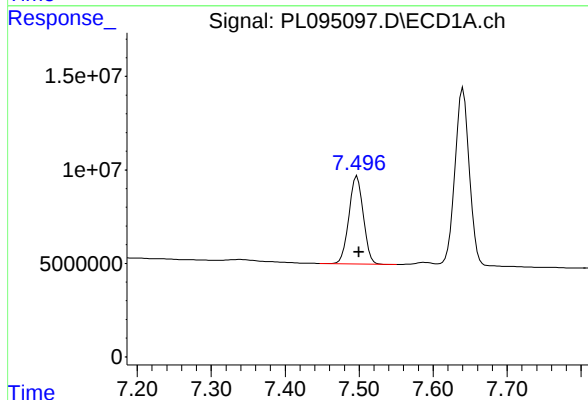
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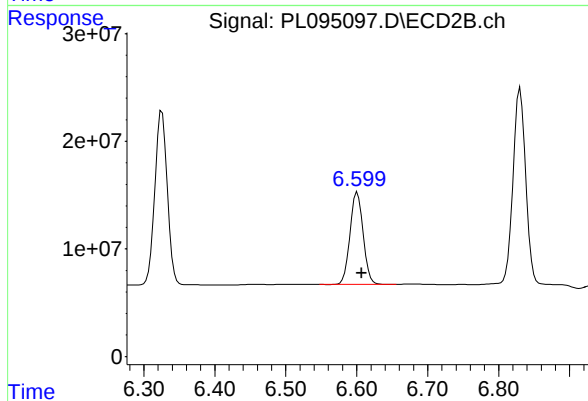
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 198718510
Conc: 48.78 ng/ml



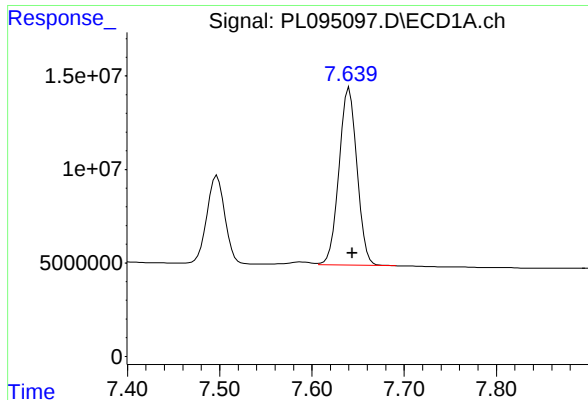
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 63089642
Conc: 52.70 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 110084536
Conc: 51.90 ng/ml



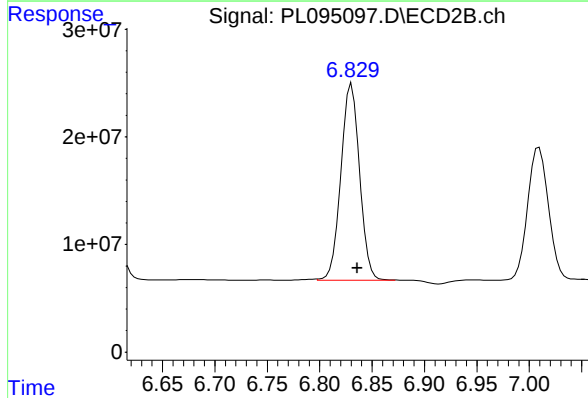
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 128086605
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

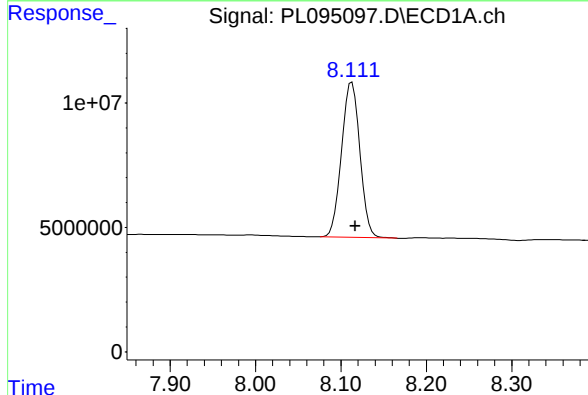
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



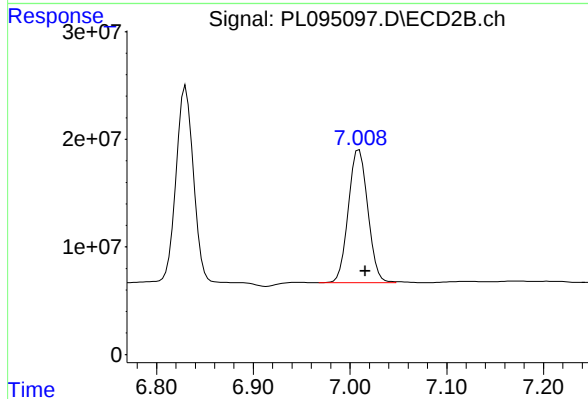
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 227251045
Conc: 47.62 ng/ml m



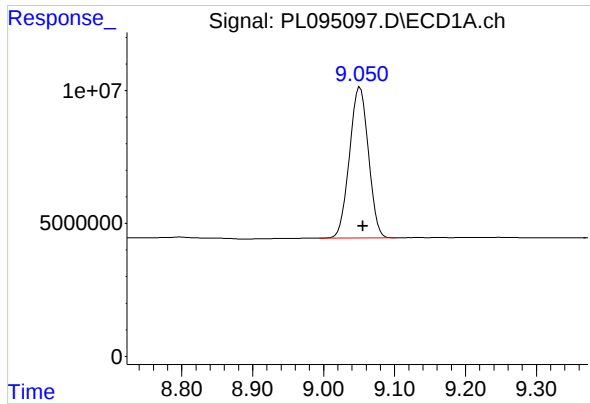
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 93002462
Conc: 45.01 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 171993461
Conc: 45.32 ng/ml m



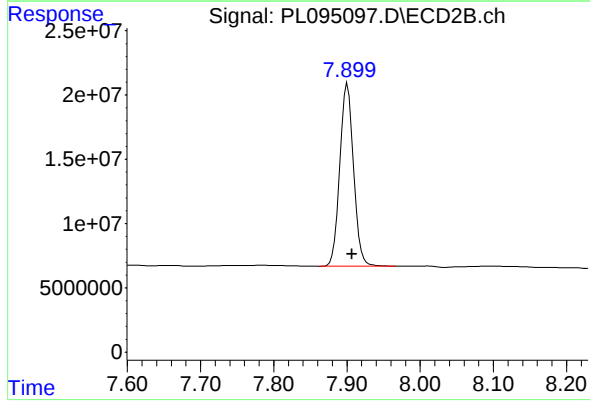
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 105088905
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 185961370
Conc: 46.04 ng/ml