

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
 Data File : PL097845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 18:05
 Operator : AR\AJ
 Sample : Q3530-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:11:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.498	2.800	112.3E6	154.5E6	22.242	22.122
28)	SA Decachlor...	8.959	7.950	88650307	152.3E6	23.332	23.153
Target Compounds							
2)	A alpha-BHC	3.944	3.302	39440754	51145932	4.664	4.458
3)	MA gamma-BHC...	4.272	3.632	38324262	49601919	4.781	4.612
4)	MA Heptachlor	4.860	3.978	40178507	48793675	5.046m	4.694
5)	MB Aldrin	5.199	4.259	36237121	48634837	5.002m	4.918
6)	B beta-BHC	4.462	3.929	17165686	22784783	5.127	4.914
7)	B delta-BHC	4.705	4.160	35740770	48258605	4.615m	4.516
8)	B Heptachlo...	5.619	4.761	36913346	44455197	5.548m	4.937
9)	A Endosulfan I	6.002	5.129	30324021	63208414	5.151	6.204m
10)	B gamma-Chl...	5.873	5.011	32937593	55429613	5.074m	5.442m
11)	B alpha-Chl...	5.954	5.075	33238388	48357780	5.119	4.716m
12)	B 4,4'-DDE	6.125	5.265	28771666	40874141	4.899	4.639
13)	MA Dieldrin	6.274	5.395	30404041	44213241	4.955	4.718
14)	MA Endrin	6.500	5.669	25051634	38950156	4.837	4.661
15)	B Endosulfa...	6.714	5.962	28410552	42013290	5.560	5.076
16)	A 4,4'-DDD	6.635	5.817	23273656	36993580	5.025	4.932
17)	MA 4,4'-DDT	6.949	6.069	21797482	33569186	4.550	4.376
18)	B Endrin al...	6.843	6.141	21440484	37784450	5.441	5.918
19)	B Endosulfa...	7.076	6.363	26120393	41347157	5.269	5.079
20)	A Methoxychlor	7.422	6.642	12583656	20264703	5.000	4.849
21)	B Endrin ke...	7.553	6.867	26446942	46431271	5.089m	5.205
22)	Mirex	8.030	7.055	21261770	36733812	6.165m	5.690

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
Data File : PL097845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 18:05
Operator : AR\AJ
Sample : Q3530-02
Misc : PEST LOQ 5PPB
ALS Vial : 8 Sample Multiplier: 1

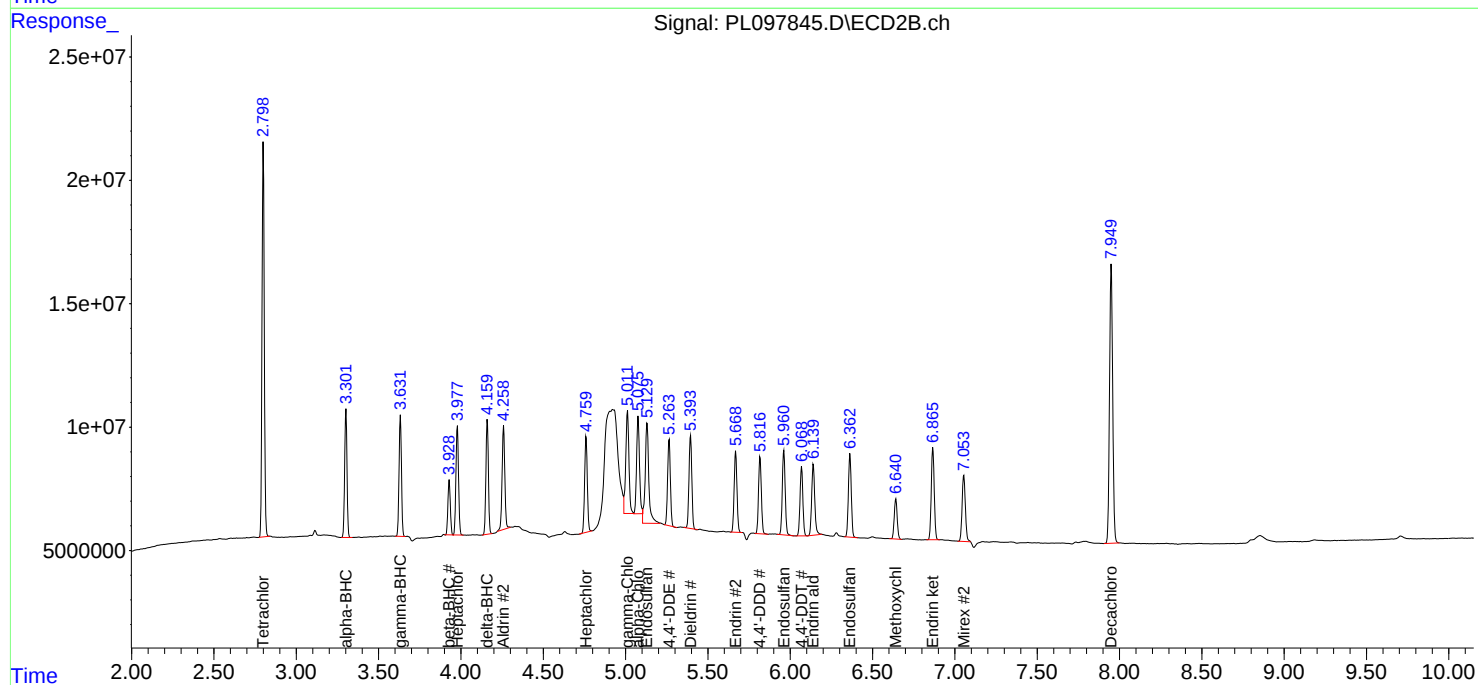
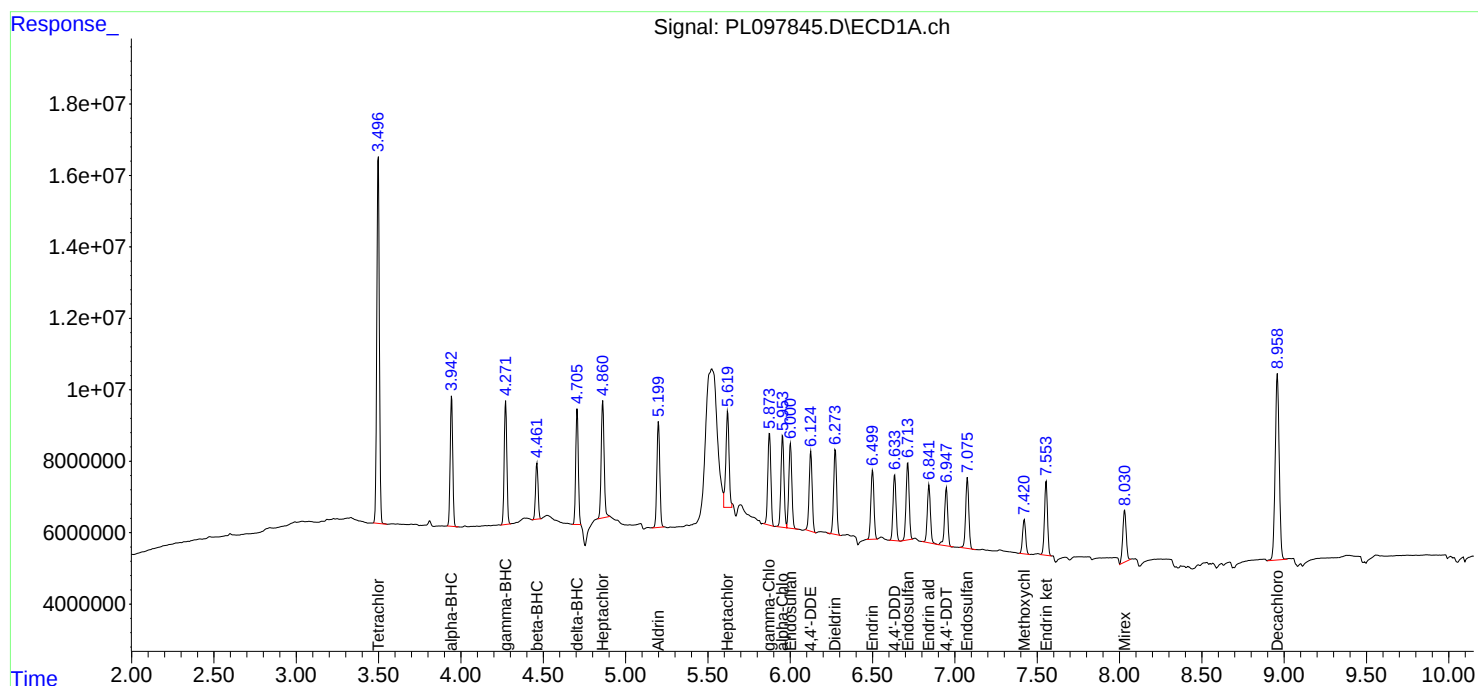
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

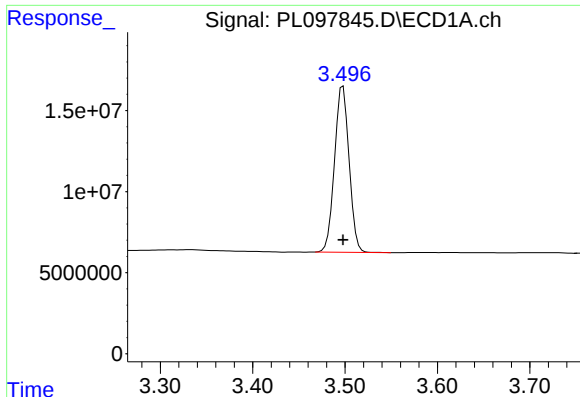
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:11:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





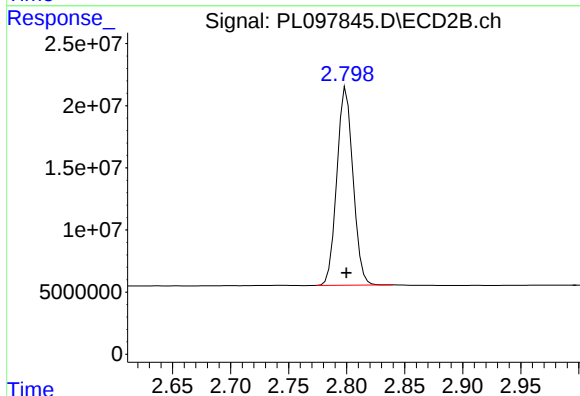
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 112251953
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

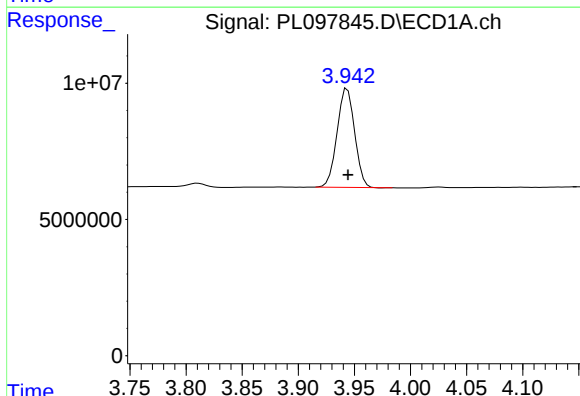
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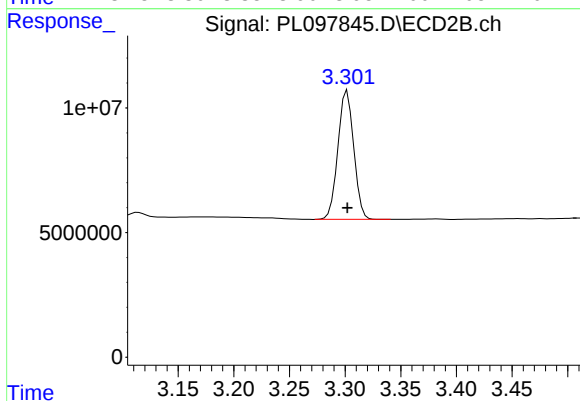
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 154528898
Conc: 22.12 ng/ml



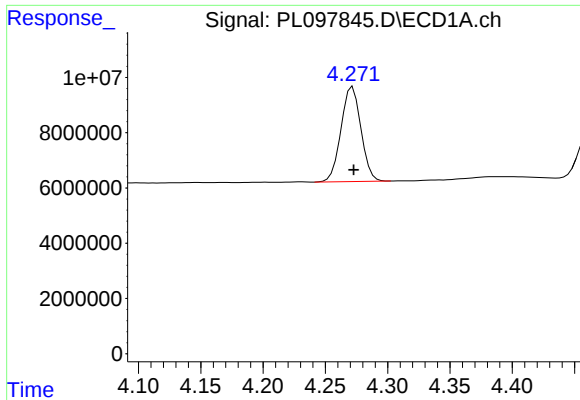
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 39440754
Conc: 4.66 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 51145932
Conc: 4.46 ng/ml



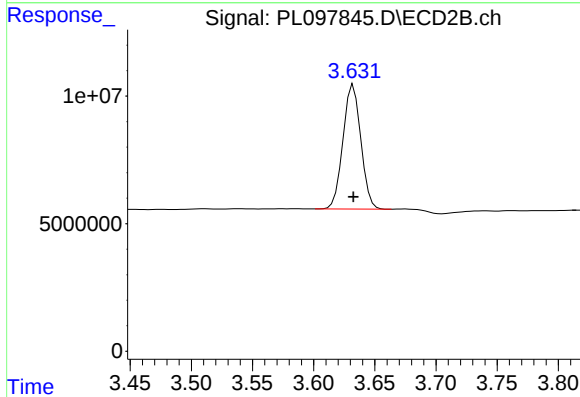
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 38324262
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

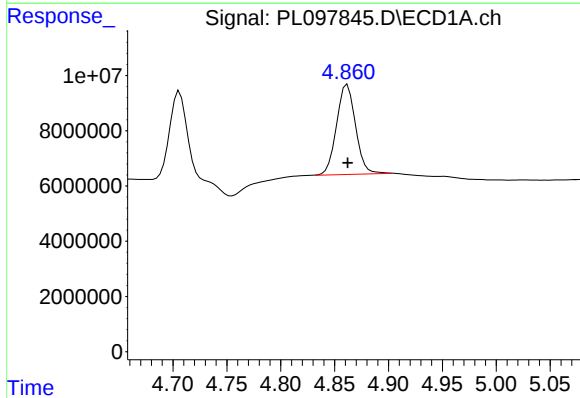
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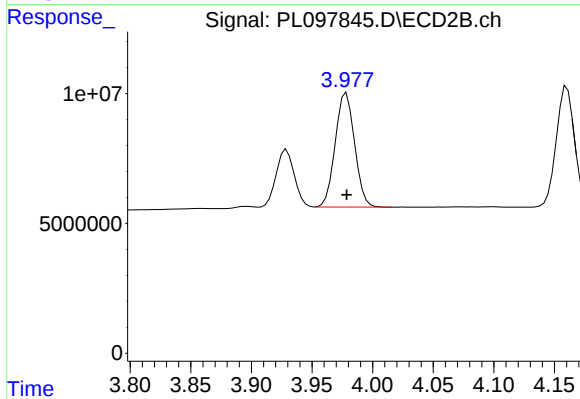
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 49601919
Conc: 4.61 ng/ml



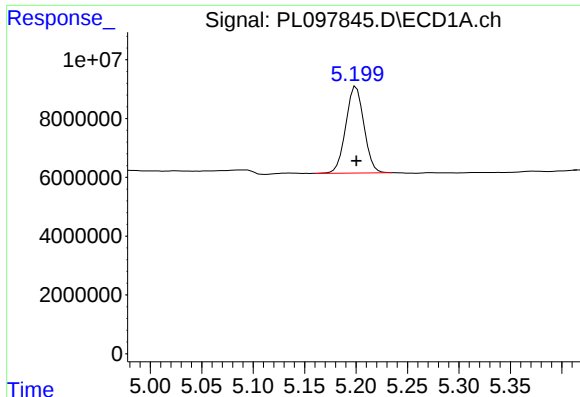
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 40178507
Conc: 5.05 ng/ml m



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 48793675
Conc: 4.69 ng/ml



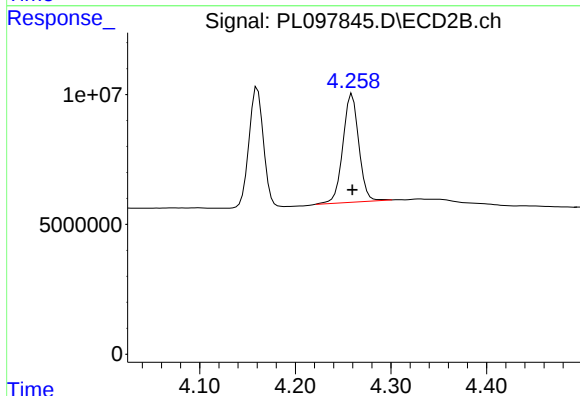
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 36237121
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

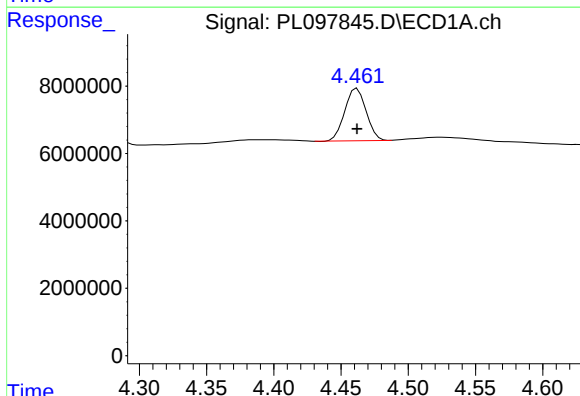
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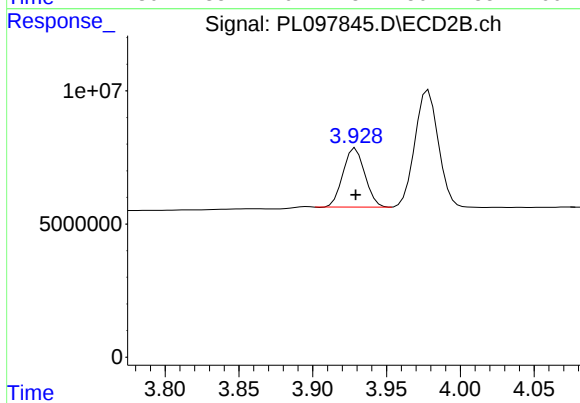
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 48634837
Conc: 4.92 ng/ml



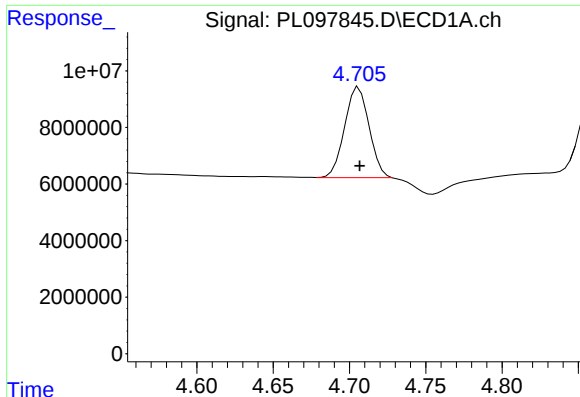
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 17165686
Conc: 5.13 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 22784783
Conc: 4.91 ng/ml



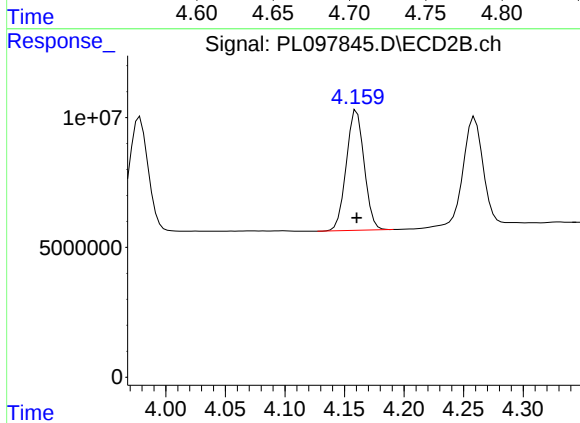
#7 delta-BHC

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 35740770
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#7 delta-BHC

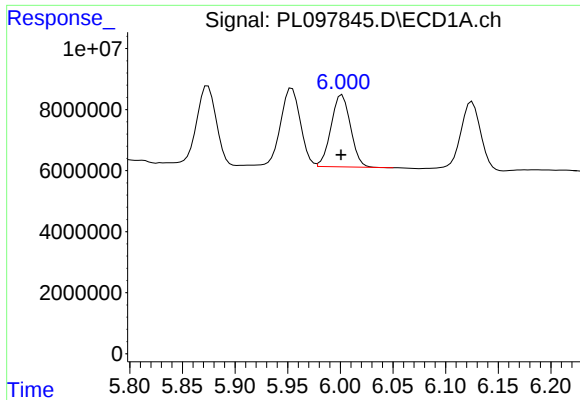
R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 48258605
Conc: 4.52 ng/ml

#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 36913346
Conc: 5.55 ng/ml m

#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 44455197
Conc: 4.94 ng/ml



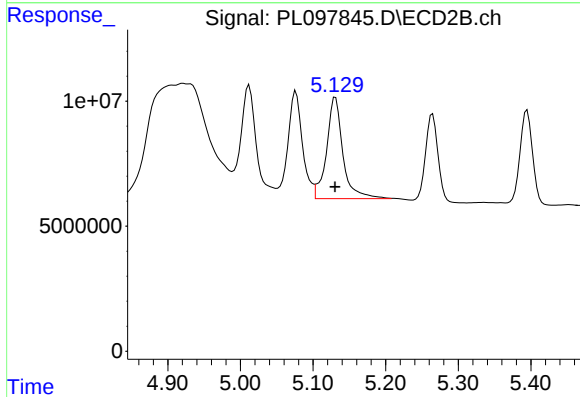
#9 Endosulfan I

R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 30324021
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

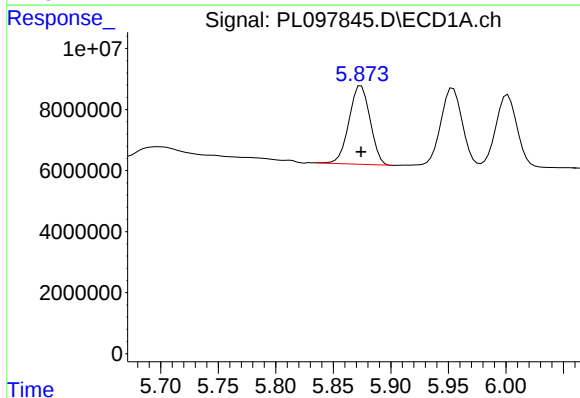
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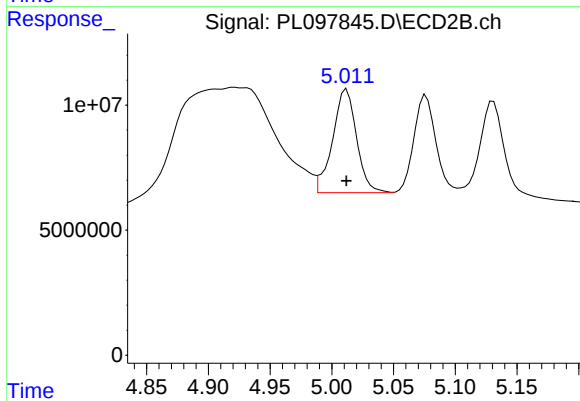
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 63208414
Conc: 6.20 ng/ml m



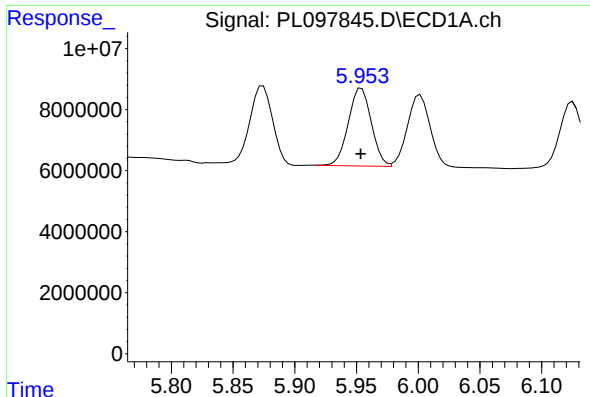
#10 gamma-Chlordane

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 32937593
Conc: 5.07 ng/ml m



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 55429613
Conc: 5.44 ng/ml m



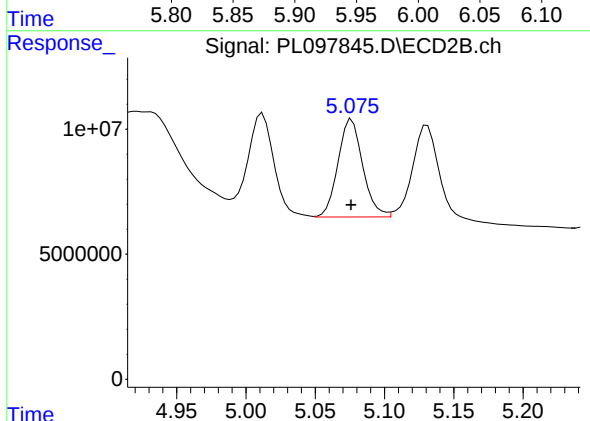
#11 alpha-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 33238388
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

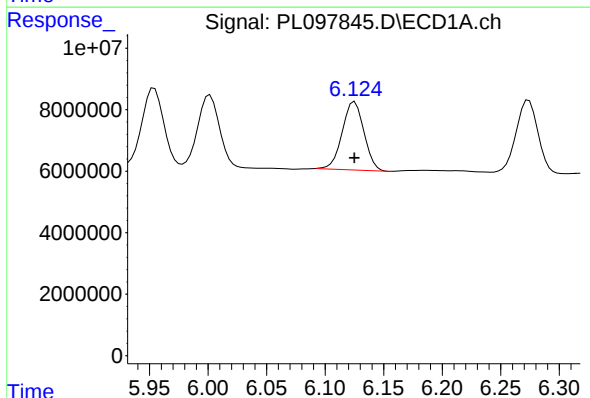
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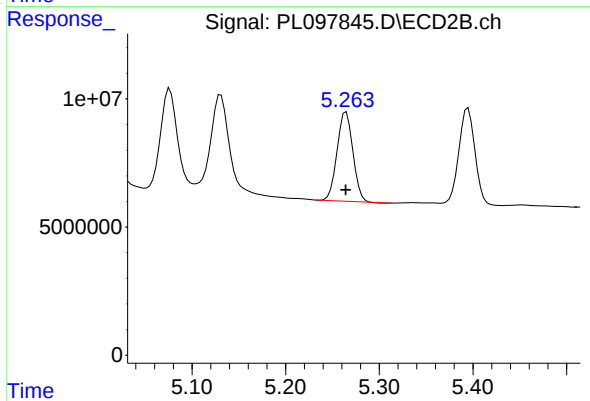
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 48357780
Conc: 4.72 ng/ml m



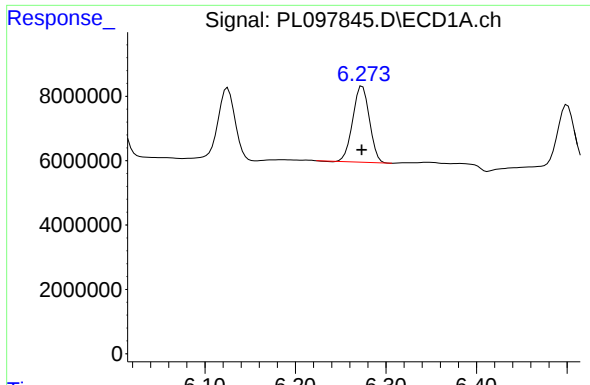
#12 4,4'-DDE

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 28771666
Conc: 4.90 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 40874141
Conc: 4.64 ng/ml



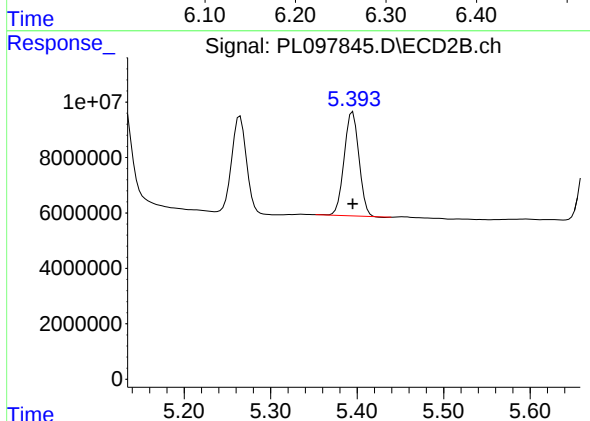
#13 Dieldrin

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 30404041
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

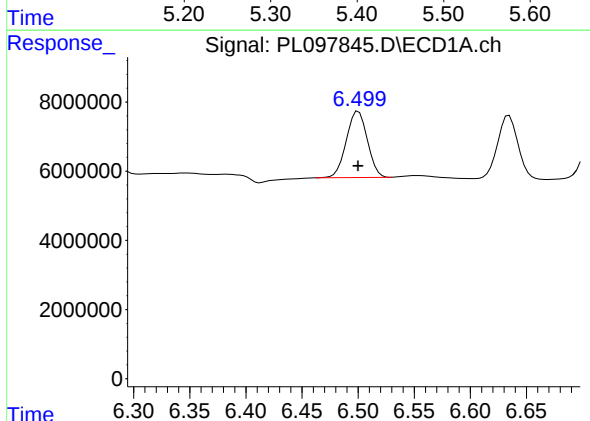
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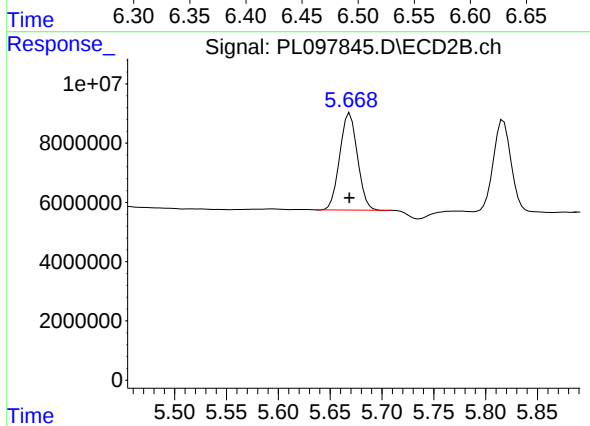
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 44213241
Conc: 4.72 ng/ml



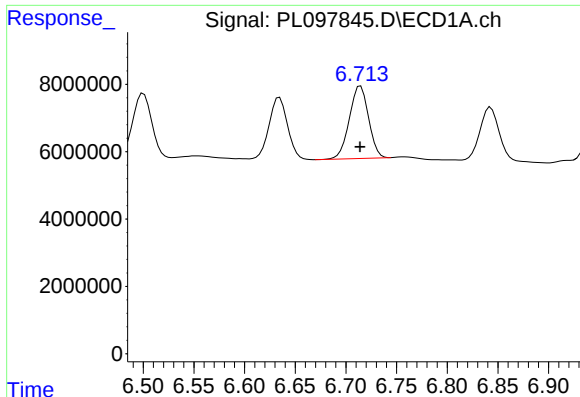
#14 Endrin

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 25051634
Conc: 4.84 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 38950156
Conc: 4.66 ng/ml



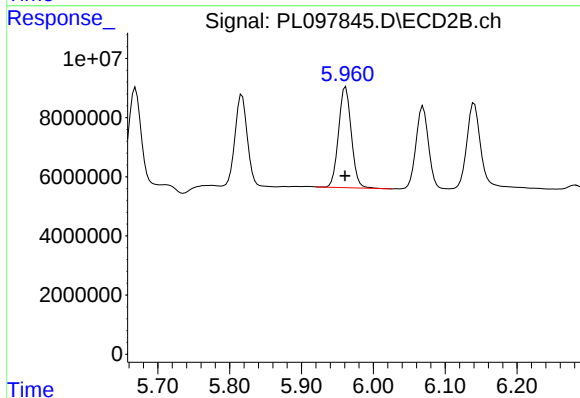
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 28410552
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

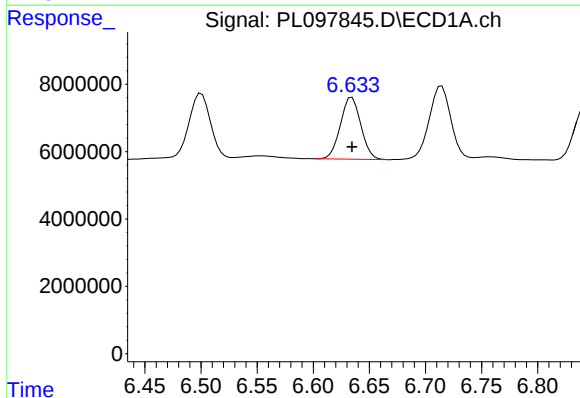
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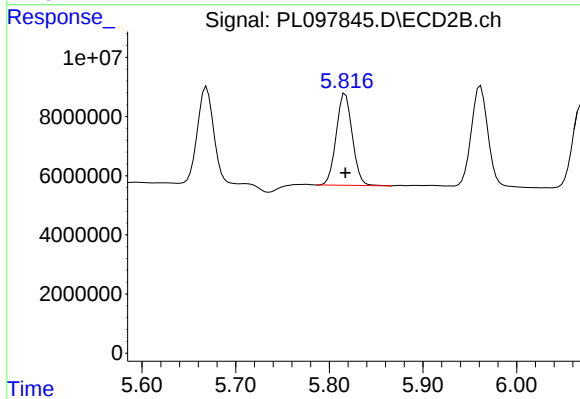
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 42013290
Conc: 5.08 ng/ml



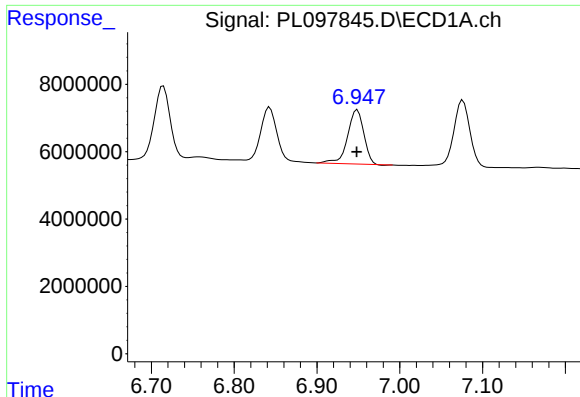
#16 4,4'-DDD

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 23273656
Conc: 5.02 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 36993580
Conc: 4.93 ng/ml



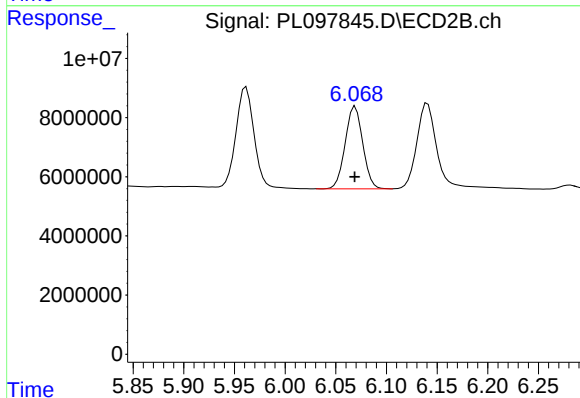
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 21797482
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

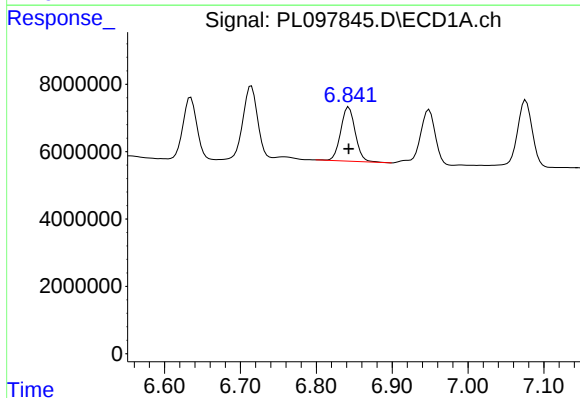
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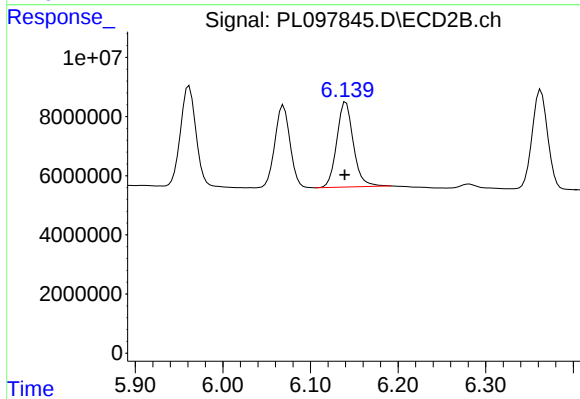
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 33569186
Conc: 4.38 ng/ml



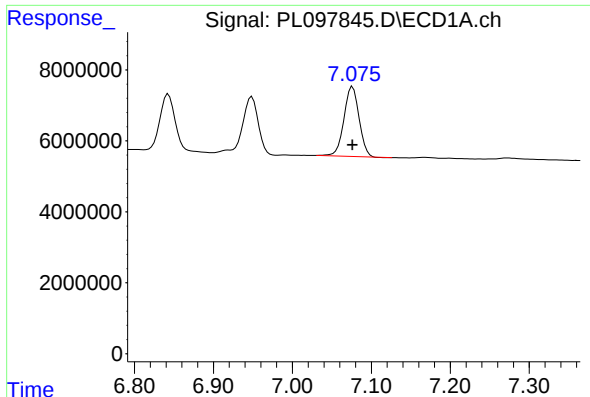
#18 Endrin aldehyde

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 21440484
Conc: 5.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.001 min
Response: 37784450
Conc: 5.92 ng/ml



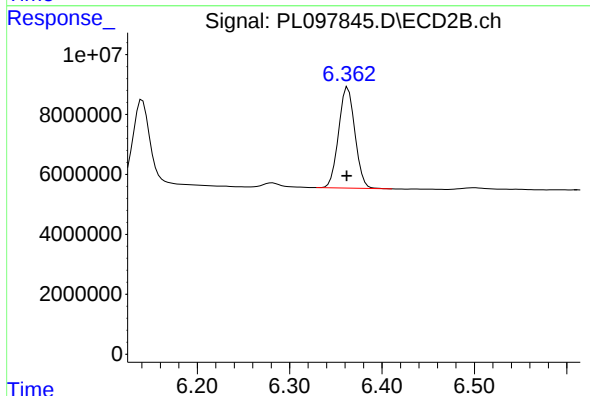
#19 Endosulfan Sulfate

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 26120393
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

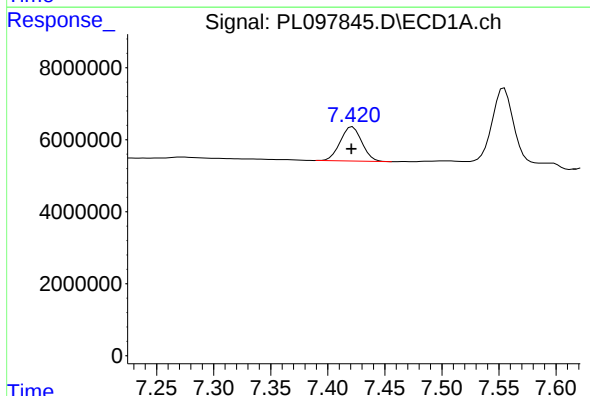
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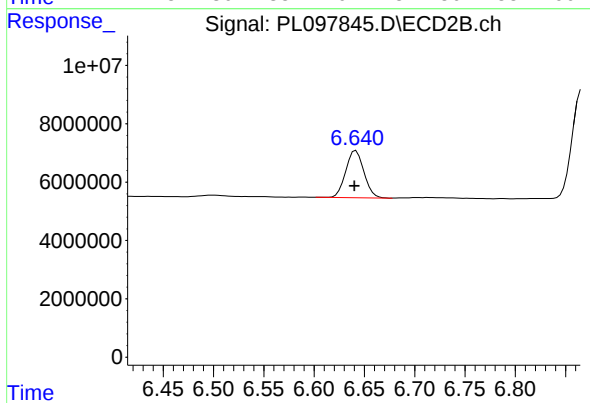
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.001 min
Response: 41347157
Conc: 5.08 ng/ml



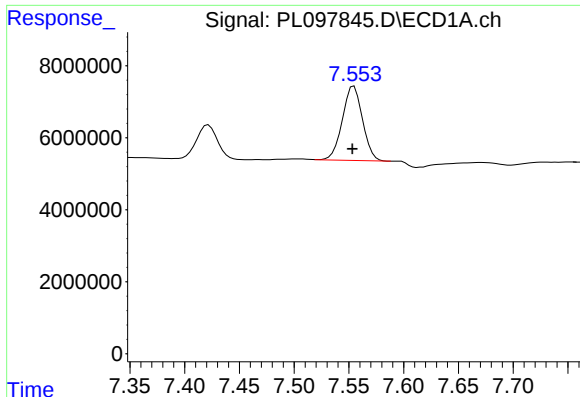
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 12583656
Conc: 5.00 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 20264703
Conc: 4.85 ng/ml



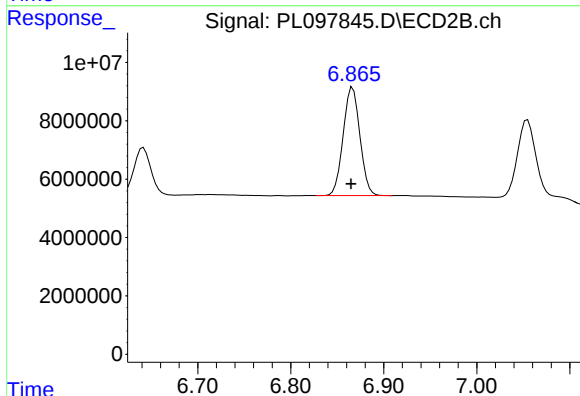
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 26446942
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

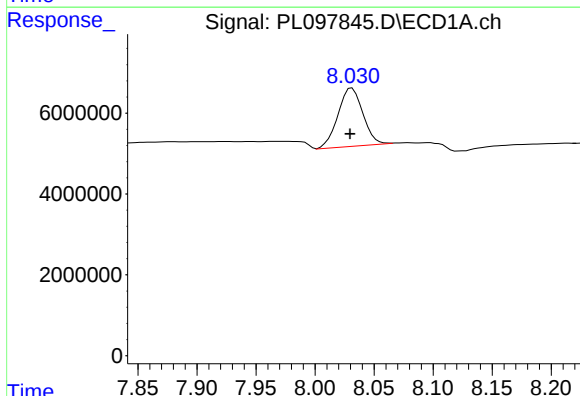
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Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



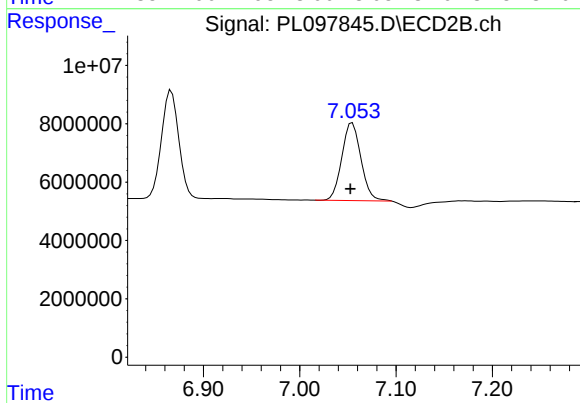
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 46431271
Conc: 5.20 ng/ml



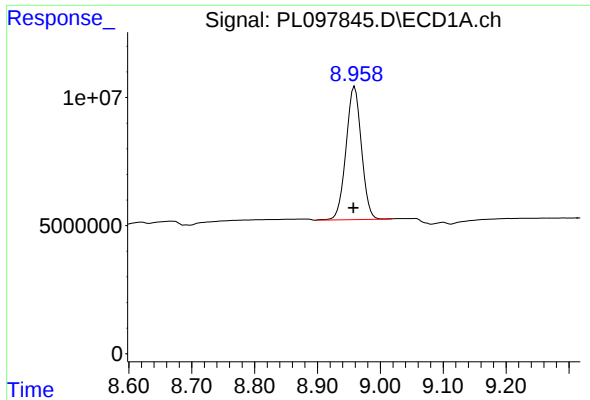
#22 Mirex

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 21261770
Conc: 6.16 ng/ml m



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 36733812
Conc: 5.69 ng/ml



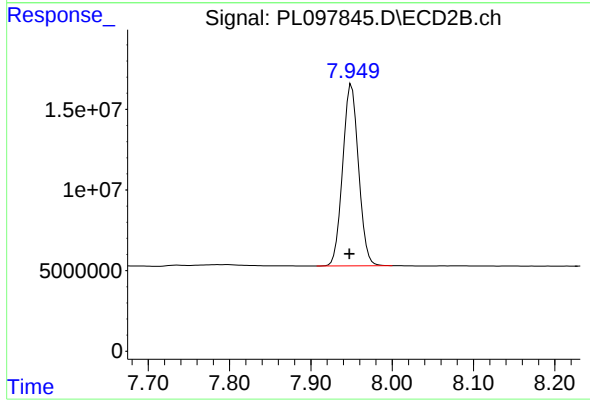
#28 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: 0.002 min
Response: 88650307
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 12/12/2025



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.002 min
Response: 152253618
Conc: 23.15 ng/ml