

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
 Data File : PL097841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 14:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 03:10:15 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...	3.500	2.797	250.4E6	358.0E6	49.621	51.255
28)	SA Decachlor...	8.967	7.952	170.1E6	309.6E6	44.782	47.080
Target Compounds							
2)	A alpha-BHC	3.947	3.300	421.2E6	587.8E6	49.807	51.226
3)	MA gamma-BHC...	4.275	3.631	387.4E6	547.6E6	48.329	50.909
4)	MA Heptachlor	4.865	3.975	373.4E6	529.2E6	46.896	50.909m
5)	MB Aldrin	5.204	4.258	347.9E6	505.0E6	48.026	51.062
6)	B beta-BHC	4.465	3.927	158.4E6	229.5E6	47.308	49.491
7)	B delta-BHC	4.710	4.157	365.2E6	546.8E6	47.151	51.161m
8)	B Heptachlo...	5.622	4.759	331.9E6	444.1E6	49.881m	49.329
9)	A Endosulfan I	6.005	5.130	286.1E6	408.1E6	48.602	40.056
10)	B gamma-Chl...	5.878	5.010	316.8E6	488.0E6	48.809	47.912m
11)	B alpha-Chl...	5.958	5.076	308.2E6	504.3E6	47.472	49.176
12)	B 4,4'-DDE	6.129	5.263	283.2E6	444.6E6	48.214	50.466m
13)	MA Dieldrin	6.278	5.395	307.8E6	525.5E6	50.163	56.077
14)	MA Endrin	6.505	5.670	256.2E6	499.0E6	49.464	59.714
15)	B Endosulfa...	6.717	5.961	260.1E6	414.5E6	50.910m	50.078m
16)	A 4,4'-DDD	6.639	5.817	239.6E6	385.9E6	51.717m	51.450m
17)	MA 4,4'-DDT	6.954	6.070	233.6E6	398.0E6	48.756	51.886
18)	B Endrin al...	6.848	6.140	199.5E6	316.2E6	50.625	49.524
19)	B Endosulfa...	7.081	6.364	238.2E6	415.2E6	48.048	50.998
20)	A Methoxychlor	7.425	6.643	126.6E6	210.5E6	50.296m	50.376
21)	B Endrin ke...	7.560	6.866	244.4E6	512.4E6	47.036	57.441m
22)	Mirex	8.037	7.056	173.2E6	287.0E6	50.222	44.464

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
Data File : PL097841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 14:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

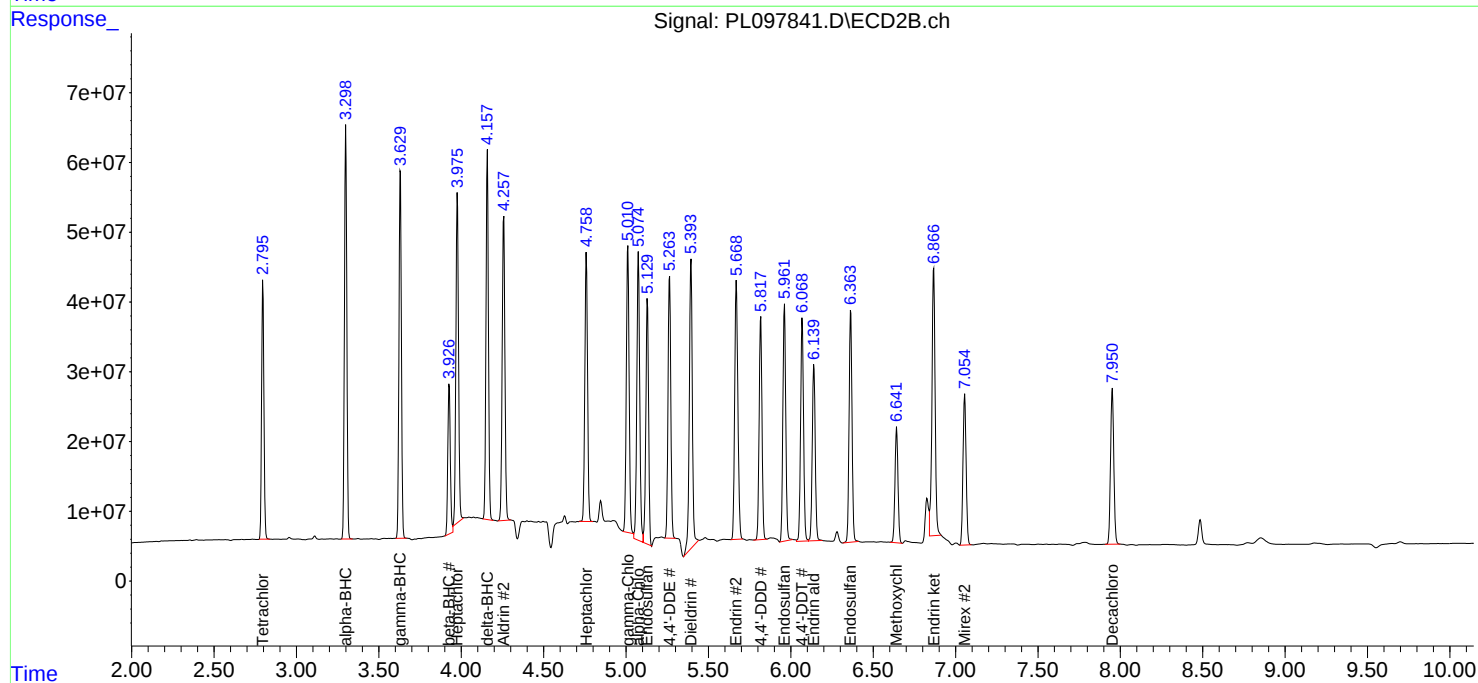
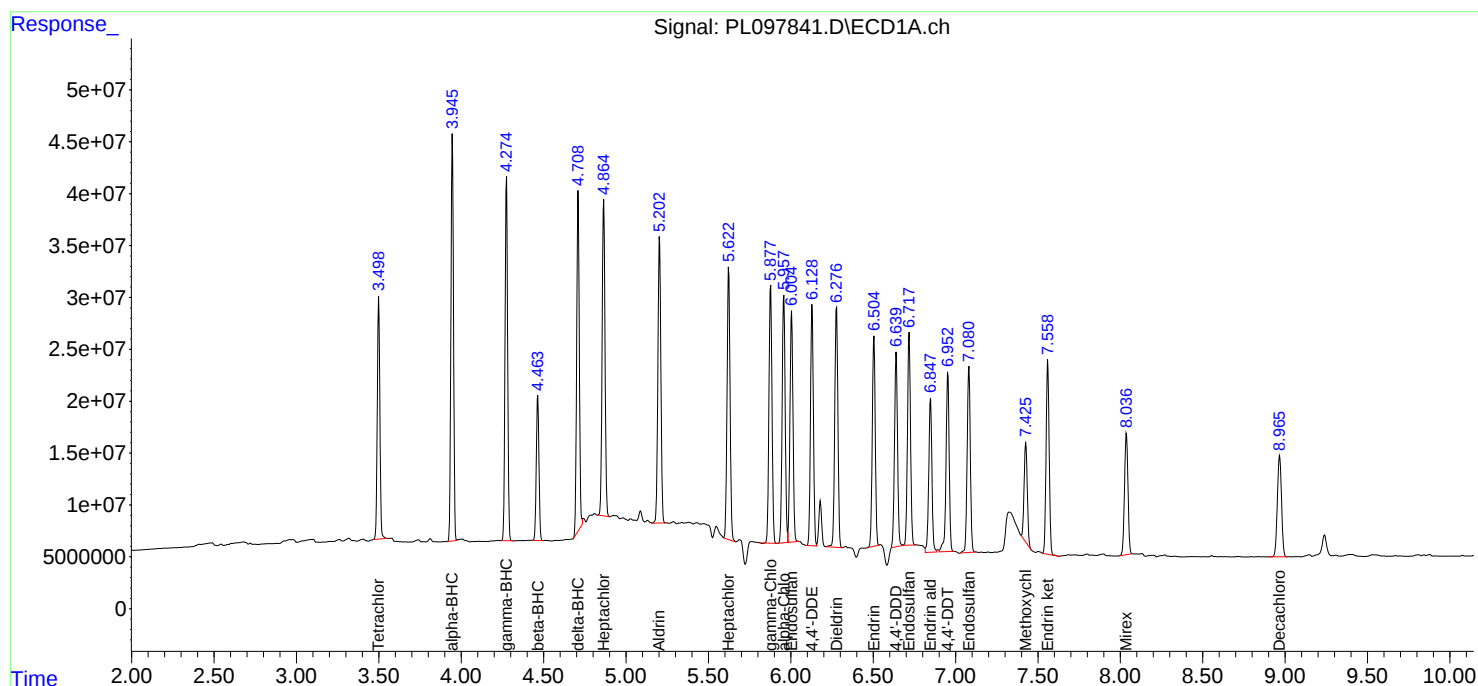
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

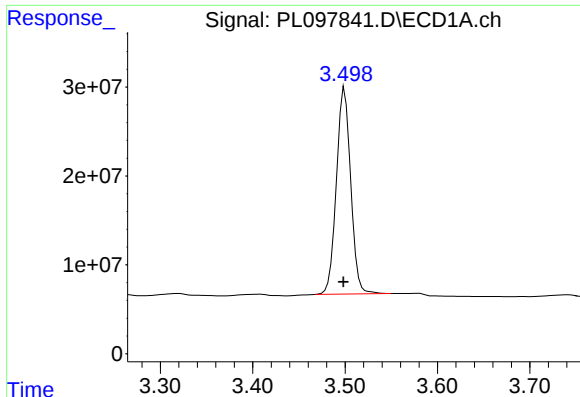
Manual Integrations
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Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:10:15 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.: 3.500 min
Delta R.T.: 0.002 min
Response: 250434046
Conc: 49.62 ng/ml

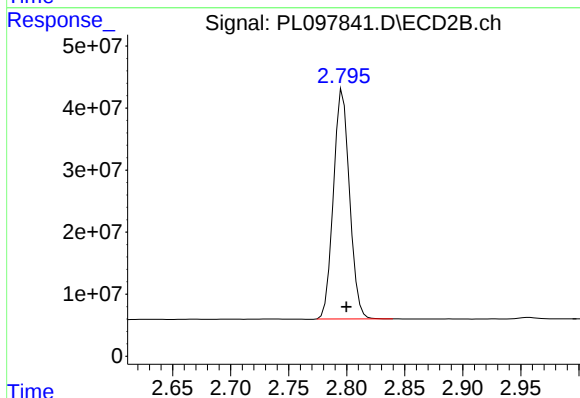
Instrument :

ECD_L

ClientSampleId :
PSTDCCC050

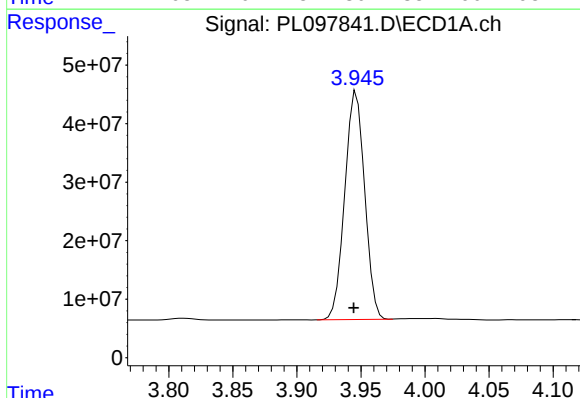
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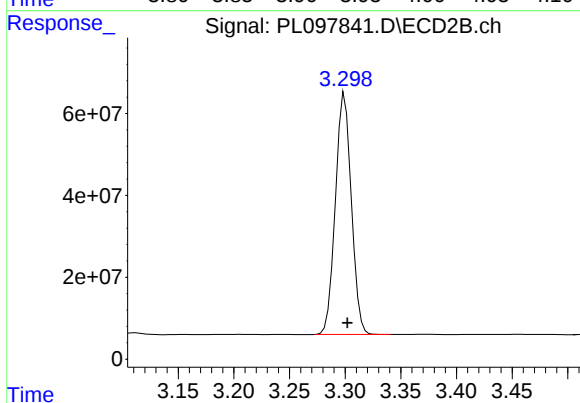
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: -0.003 min
Response: 358023602
Conc: 51.25 ng/ml



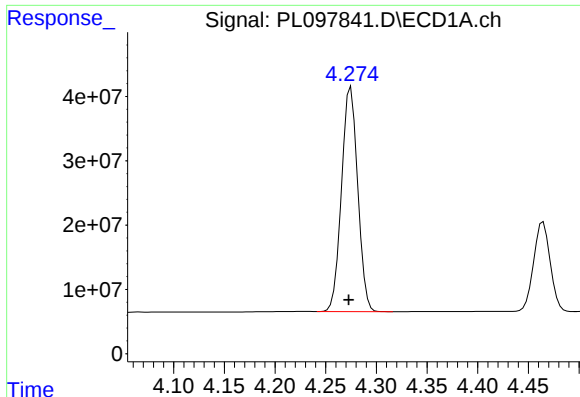
#2 alpha-BHC

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 421203174
Conc: 49.81 ng/ml



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 587751987
Conc: 51.23 ng/ml



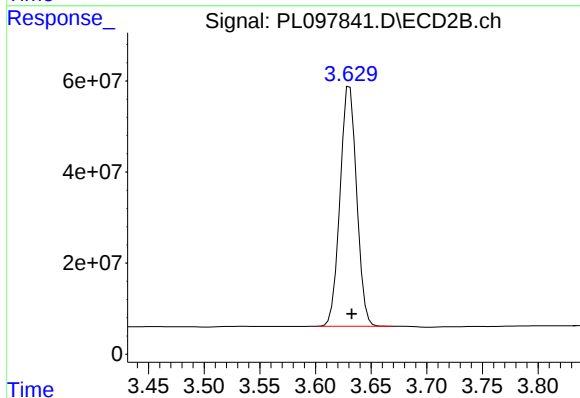
#3 gamma-BHC (Lindane)

R.T.: 4.275 min
Delta R.T.: 0.002 min
Response: 387429947
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

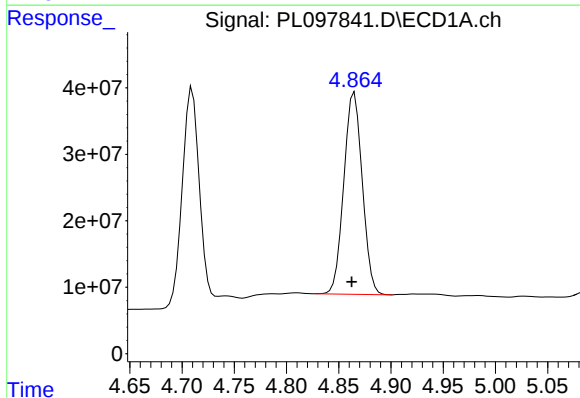
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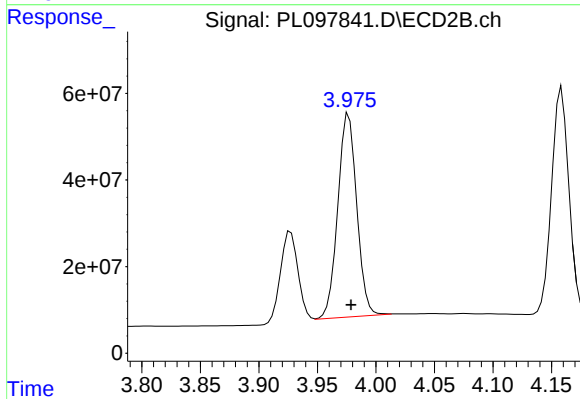
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.002 min
Response: 547579869
Conc: 50.91 ng/ml



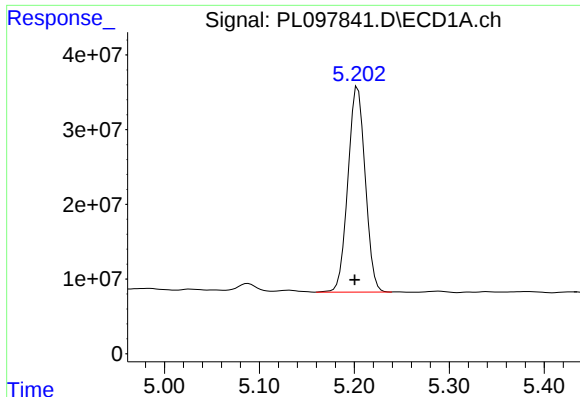
#4 Heptachlor

R.T.: 4.865 min
Delta R.T.: 0.003 min
Response: 373395375
Conc: 46.90 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 529205032
Conc: 50.91 ng/ml m



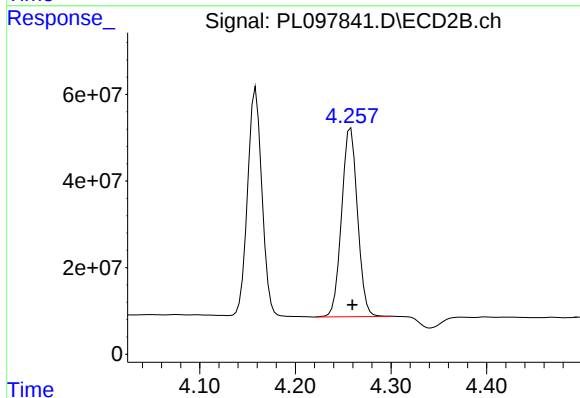
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.003 min
Response: 347925494
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

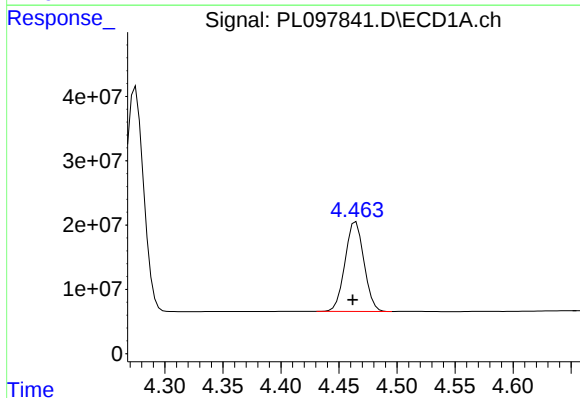
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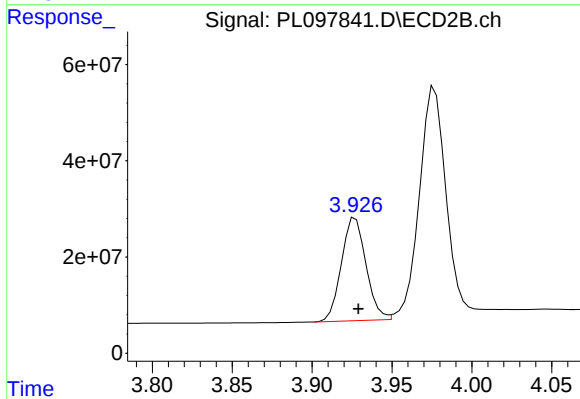
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 504984431
Conc: 51.06 ng/ml



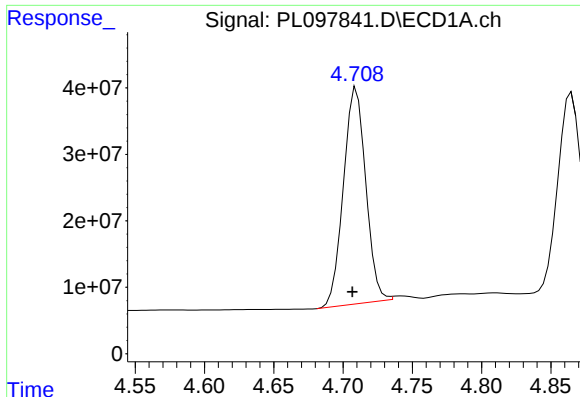
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.003 min
Response: 158394941
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 229456847
Conc: 49.49 ng/ml



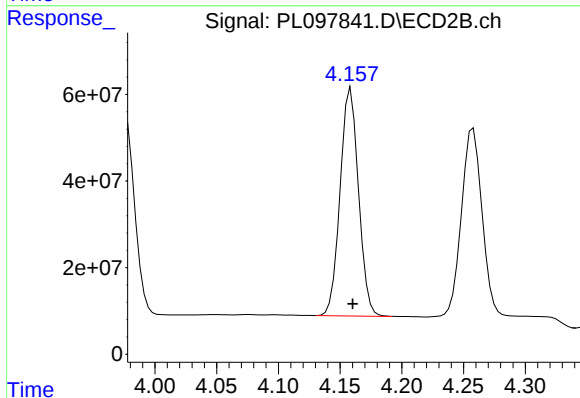
#7 delta-BHC

R.T.: 4.710 min
Delta R.T.: 0.003 min
Response: 365192556
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

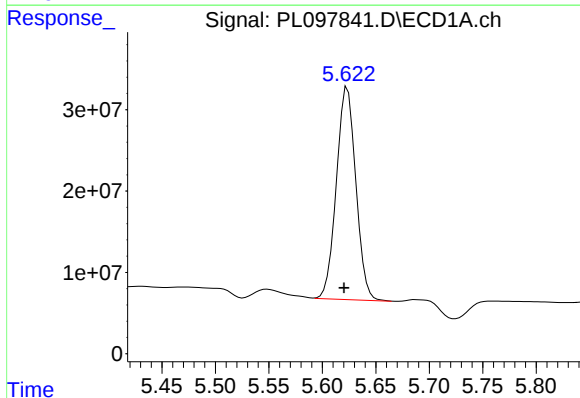
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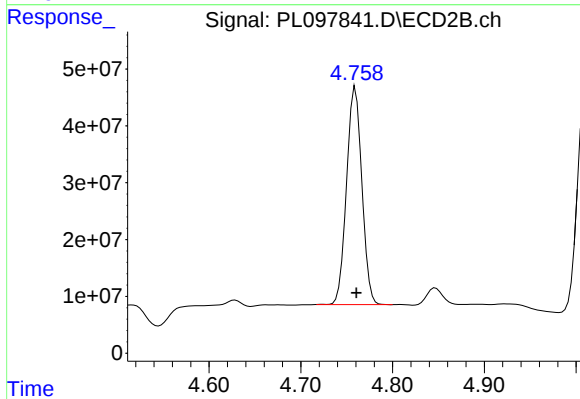
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 546769905
Conc: 51.16 ng/ml m



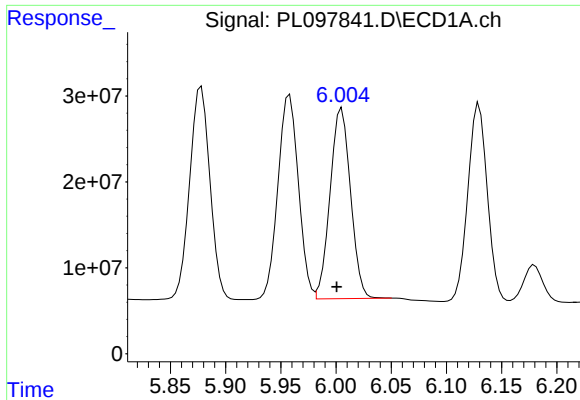
#8 Heptachlor epoxide

R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 331868704
Conc: 49.88 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 444148408
Conc: 49.33 ng/ml



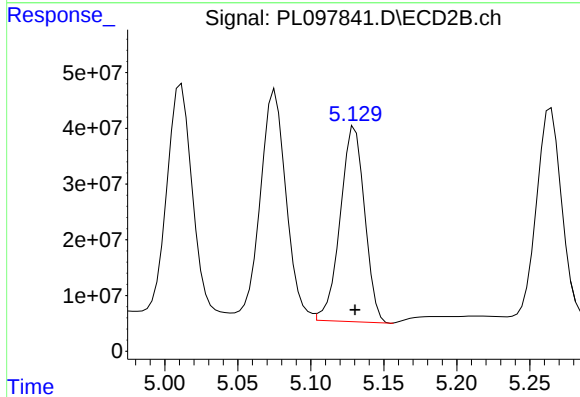
#9 Endosulfan I

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 286143780
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

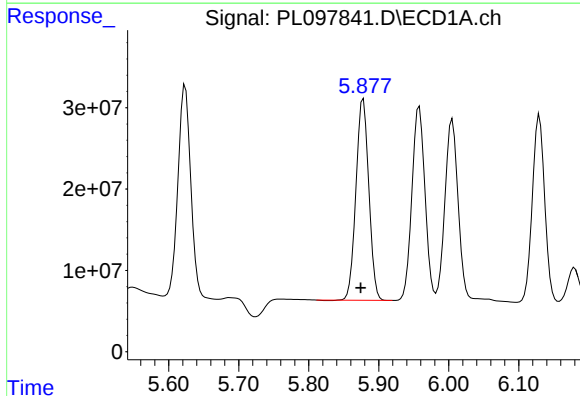
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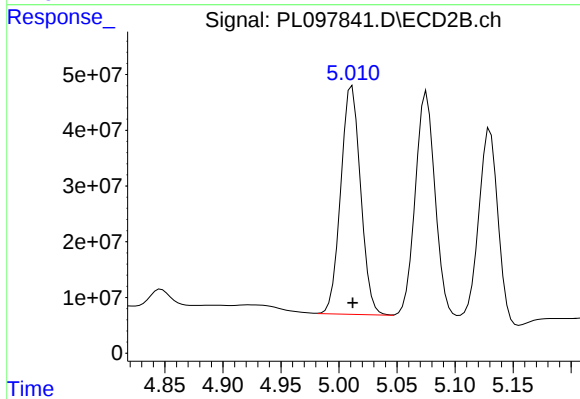
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 408104029
Conc: 40.06 ng/ml



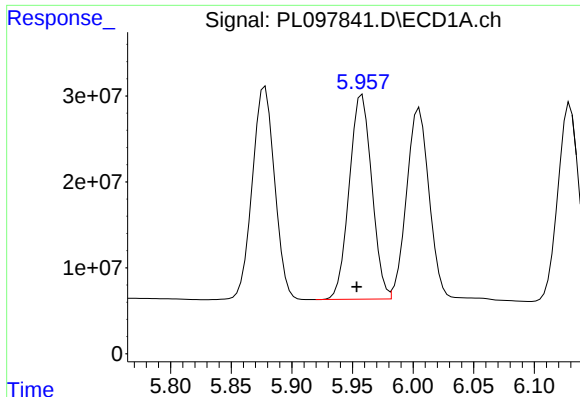
#10 gamma-Chlordane

R.T.: 5.878 min
Delta R.T.: 0.004 min
Response: 316849649
Conc: 48.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 487992216
Conc: 47.91 ng/ml m



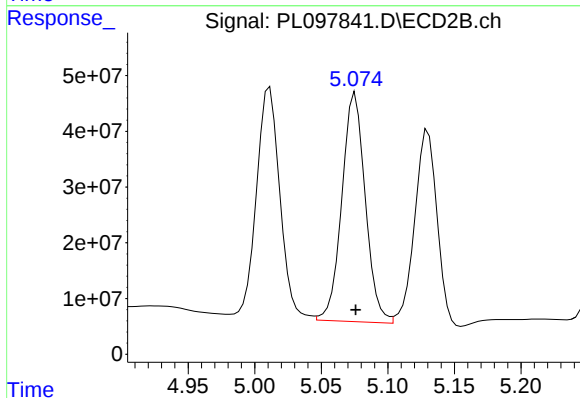
#11 alpha-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.005 min
Response: 308239948
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

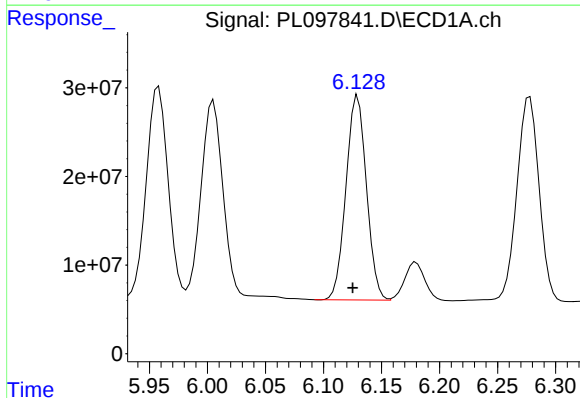
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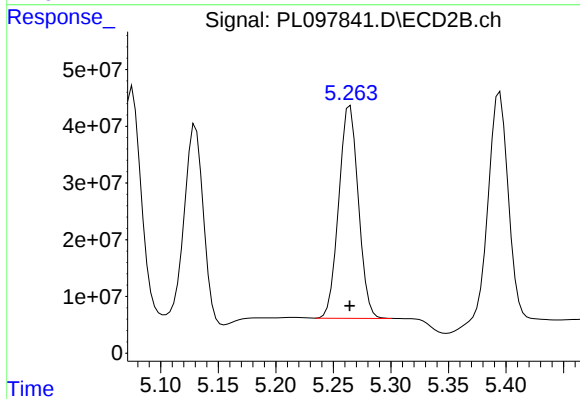
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 504297863
Conc: 49.18 ng/ml



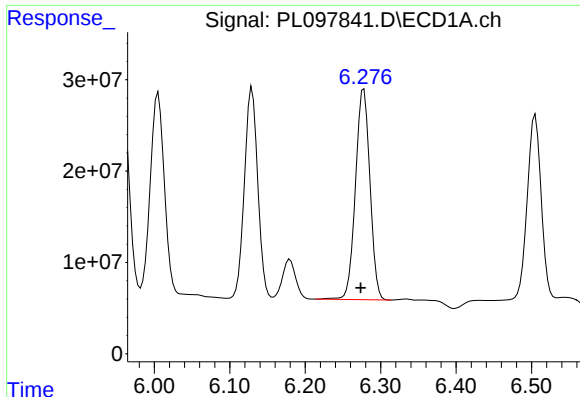
#12 4,4'-DDE

R.T.: 6.129 min
Delta R.T.: 0.004 min
Response: 283176582
Conc: 48.21 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 444641502
Conc: 50.47 ng/ml m



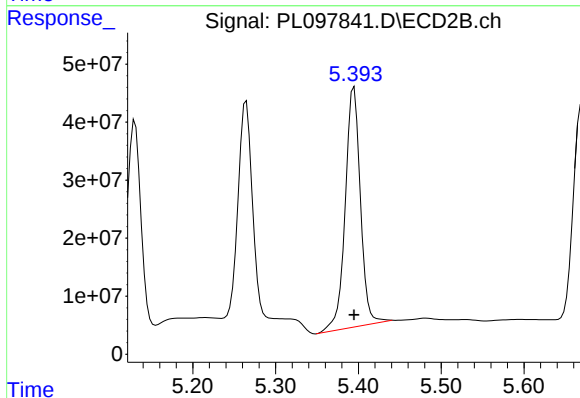
#13 Dieldrin

R.T.: 6.278 min
Delta R.T.: 0.004 min
Response: 307827657
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

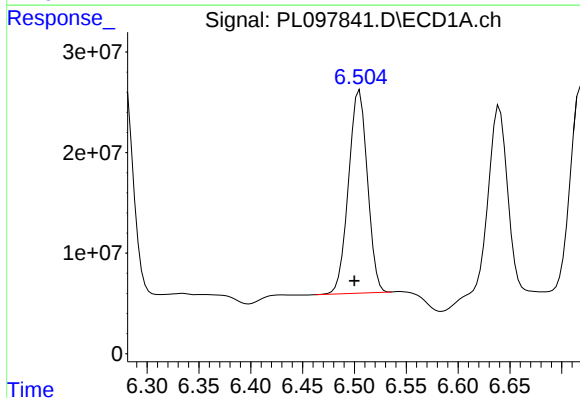
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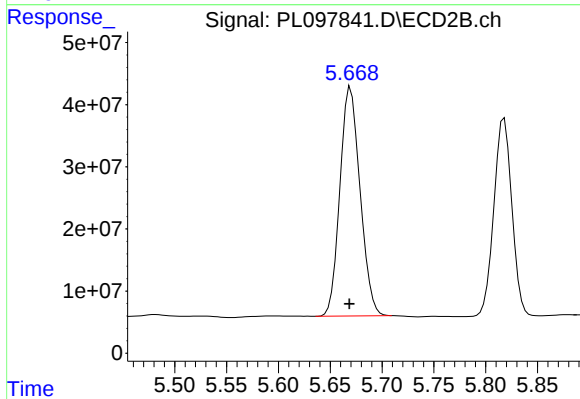
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 525464806
Conc: 56.08 ng/ml



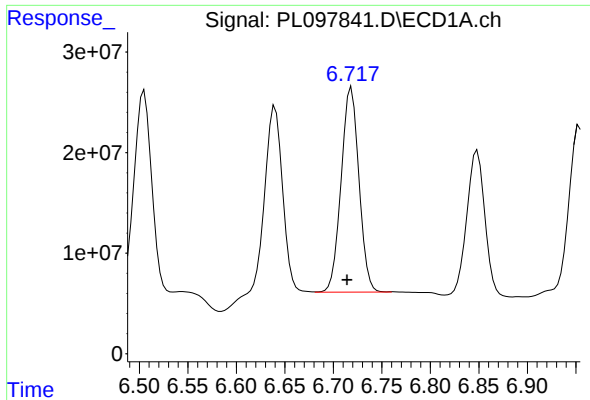
#14 Endrin

R.T.: 6.505 min
Delta R.T.: 0.005 min
Response: 256196359
Conc: 49.46 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 499027157
Conc: 59.71 ng/ml



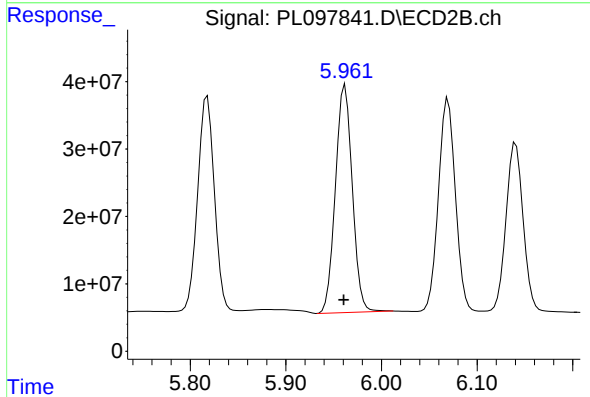
#15 Endosulfan II

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 260148926
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

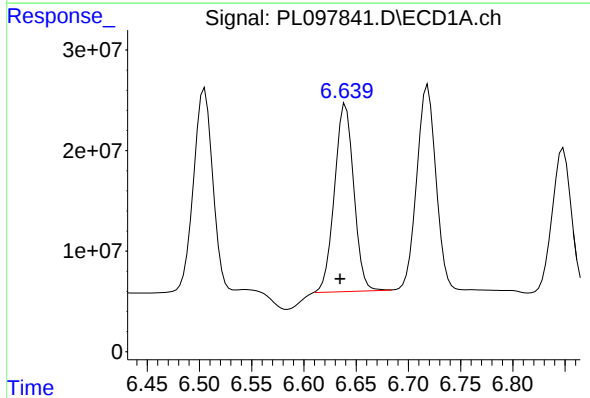
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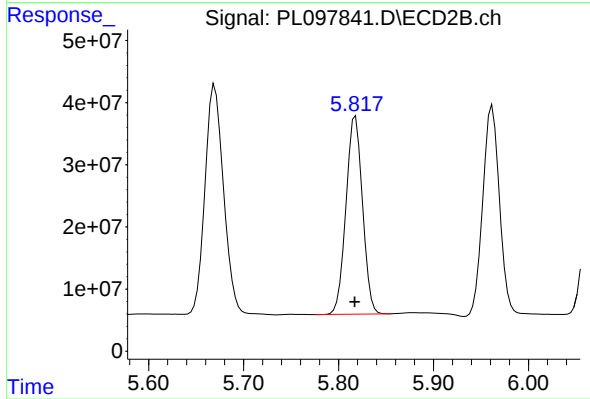
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 414490874
Conc: 50.08 ng/ml m



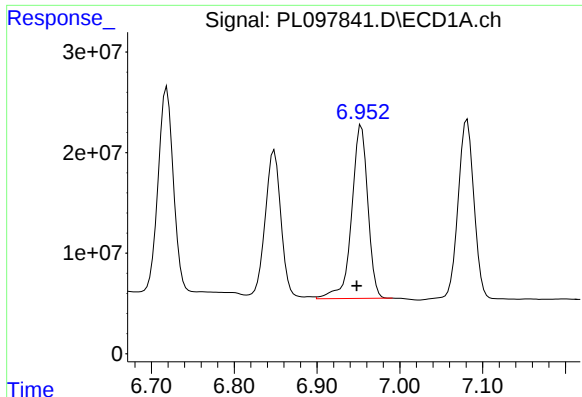
#16 4,4'-DDD

R.T.: 6.639 min
Delta R.T.: 0.004 min
Response: 239553645
Conc: 51.72 ng/ml m



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 385926871
Conc: 51.45 ng/ml m



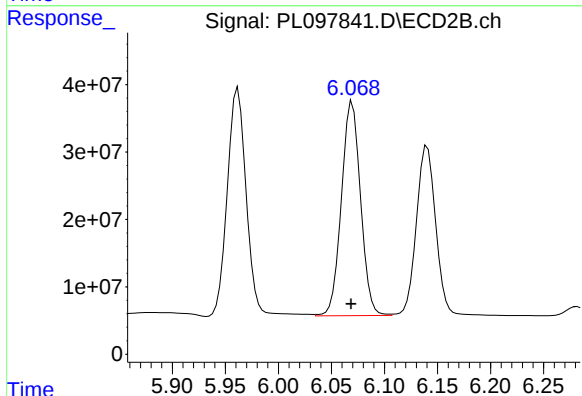
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: 0.006 min
Response: 233555100
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

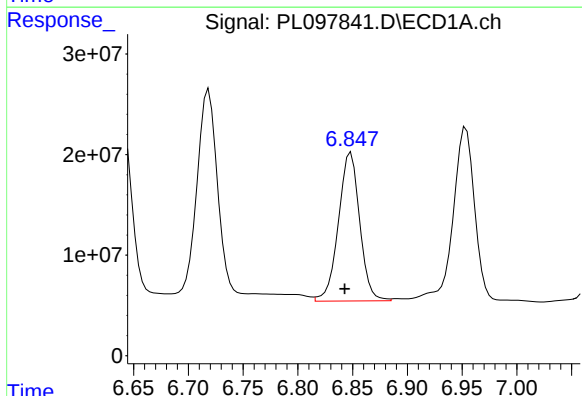
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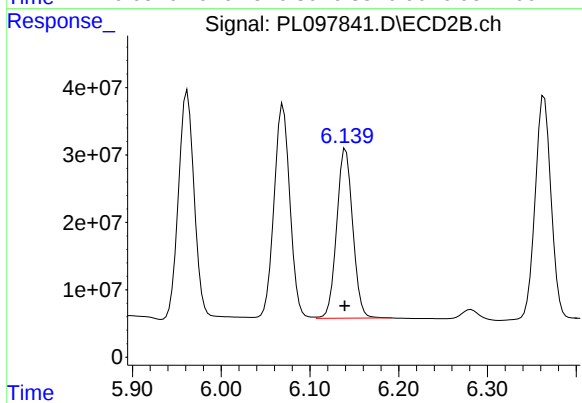
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 397999155
Conc: 51.89 ng/ml



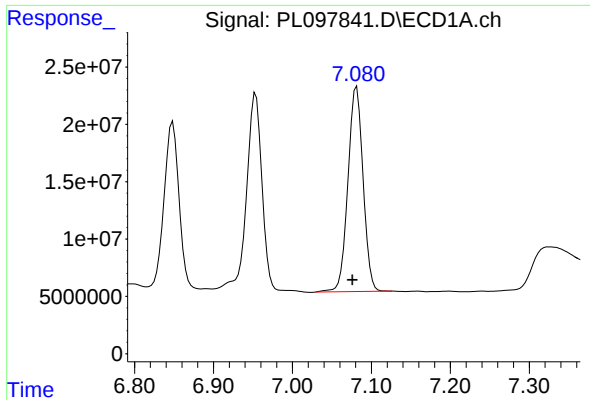
#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: 0.006 min
Response: 199478004
Conc: 50.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 316215165
Conc: 49.52 ng/ml



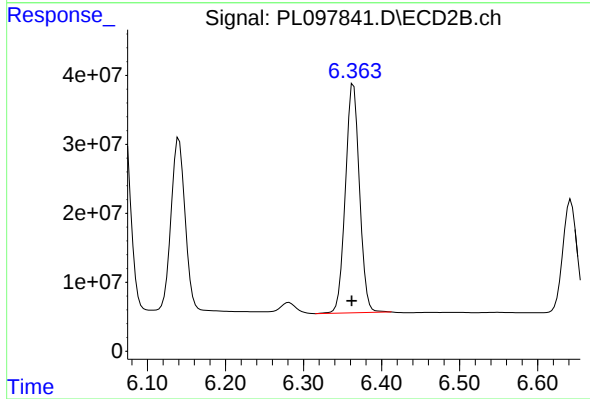
#19 Endosulfan Sulfate

R.T.: 7.081 min
Delta R.T.: 0.006 min
Response: 238190435
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

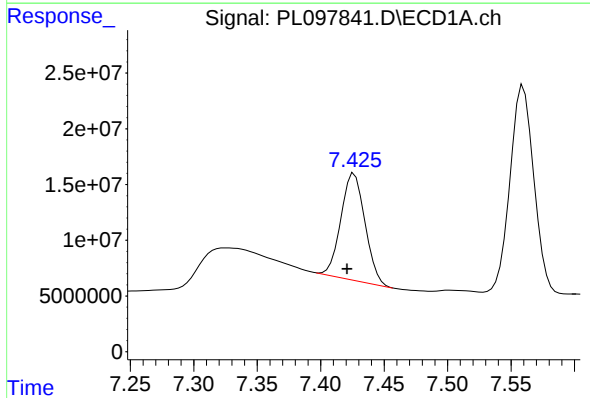
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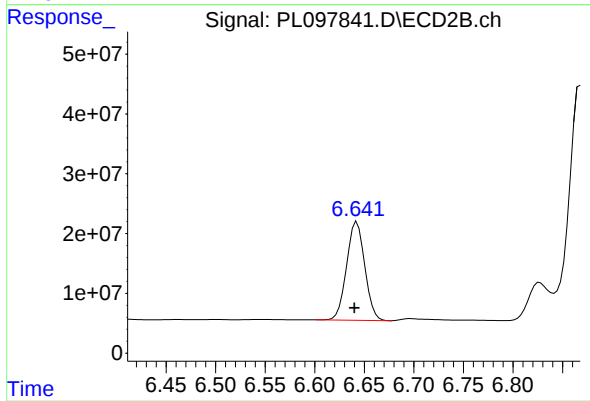
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 415173565
Conc: 51.00 ng/ml



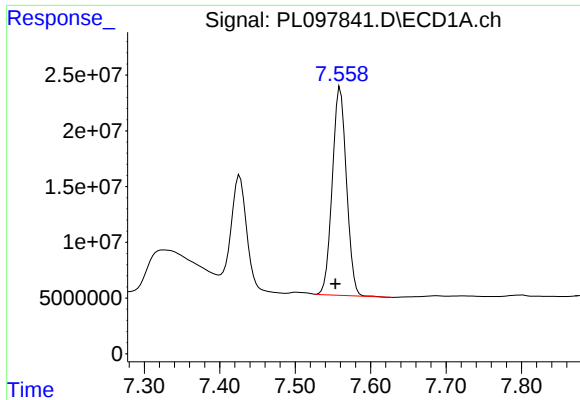
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: 0.004 min
Response: 126587936
Conc: 50.30 ng/ml m



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.003 min
Response: 210518761
Conc: 50.38 ng/ml



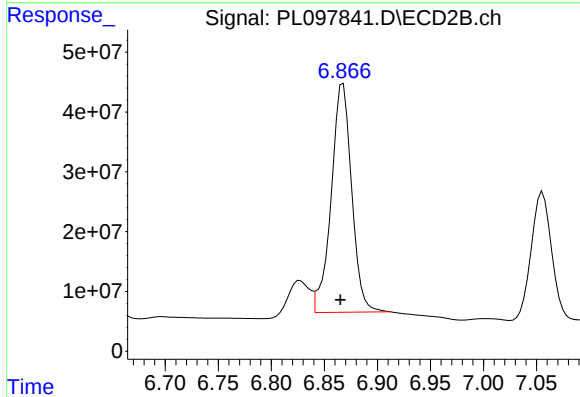
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.007 min
Response: 244427719
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

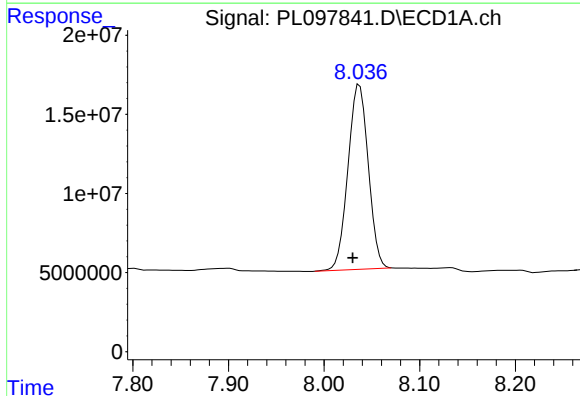
Manual Integrations
APPROVED

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



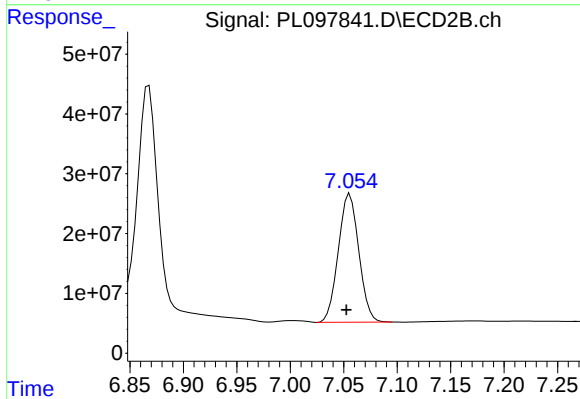
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 512425987
Conc: 57.44 ng/ml m



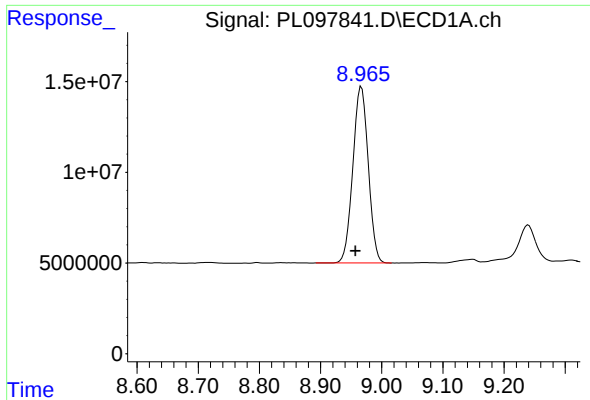
#22 Mirex

R.T.: 8.037 min
Delta R.T.: 0.007 min
Response: 173214120
Conc: 50.22 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 287029661
Conc: 44.46 ng/ml



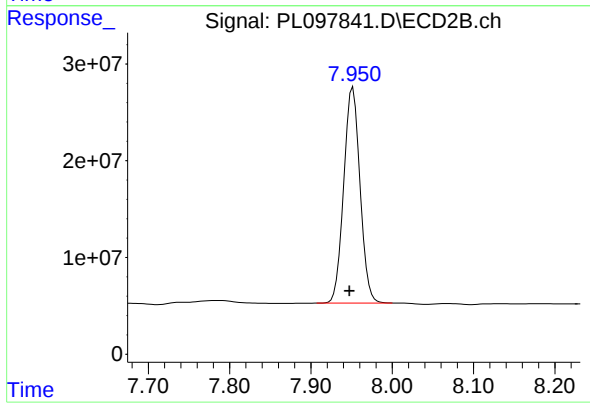
#28 Decachlorobiphenyl

R.T.: 8.967 min
Delta R.T.: 0.010 min
Response: 170147558
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.952 min
Delta R.T.: 0.004 min
Response: 309600964
Conc: 47.08 ng/ml