

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
 Data File : PL097836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 20:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 02:44:58 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	275.7E6	396.9E6	54.628	56.818
28)	SA Decachlor...	8.959	7.951	193.0E6	337.5E6	50.786m	51.317
Target Compounds							
2)	A alpha-BHC	3.944	3.302	485.7E6	670.8E6	57.435	58.467
3)	MA gamma-BHC...	4.273	3.633	450.8E6	621.8E6	56.238	57.807
4)	MA Heptachlor	4.862	3.979	434.2E6	573.8E6	54.534	55.199
5)	MB Aldrin	5.200	4.260	410.7E6	568.4E6	56.691m	57.476
6)	B beta-BHC	4.462	3.930	184.3E6	263.0E6	55.052	56.720
7)	B delta-BHC	4.705	4.161	442.5E6	628.7E6	57.130m	58.830
8)	B Heptachlo...	5.620	4.761	351.8E6	510.2E6	52.883m	56.662
9)	A Endosulfan I	6.002	5.131	327.0E6	507.2E6	55.547	49.784
10)	B gamma-Chl...	5.875	5.013	367.8E6	573.9E6	56.664	56.349
11)	B alpha-Chl...	5.955	5.077	358.8E6	557.5E6	55.263	54.366
12)	B 4,4'-DDE	6.126	5.264	330.2E6	512.5E6	56.218	58.172m
13)	MA Dieldrin	6.274	5.396	349.1E6	550.8E6	56.882	58.782
14)	MA Endrin	6.501	5.670	292.0E6	494.9E6	56.373	59.217
15)	B Endosulfa...	6.715	5.962	289.8E6	465.2E6	56.712	56.200
16)	A 4,4'-DDD	6.636	5.818	266.7E6	438.0E6	57.576	58.393
17)	MA 4,4'-DDT	6.949	6.070	262.0E6	422.1E6	54.703	55.025
18)	B Endrin al...	6.844	6.141	213.7E6	345.8E6	54.239	54.157
19)	B Endosulfa...	7.078	6.364	270.8E6	454.6E6	54.630	55.838
20)	A Methoxychlor	7.422	6.642	133.4E6	219.0E6	53.000	52.410
21)	B Endrin ke...	7.556	6.868	280.8E6	493.9E6	54.044	55.361
22)	Mirex	8.032	7.056	186.8E6	341.7E6	54.169	52.925

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
Data File : PL097836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 20:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

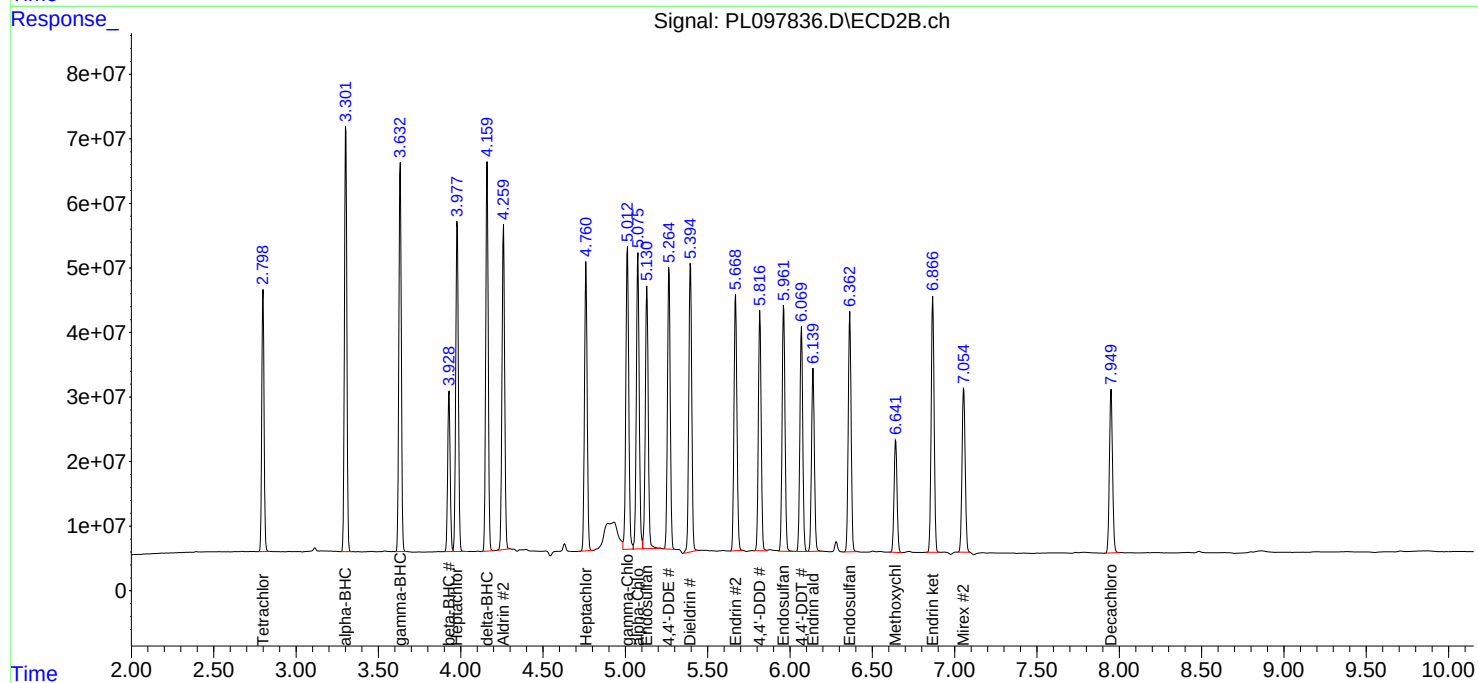
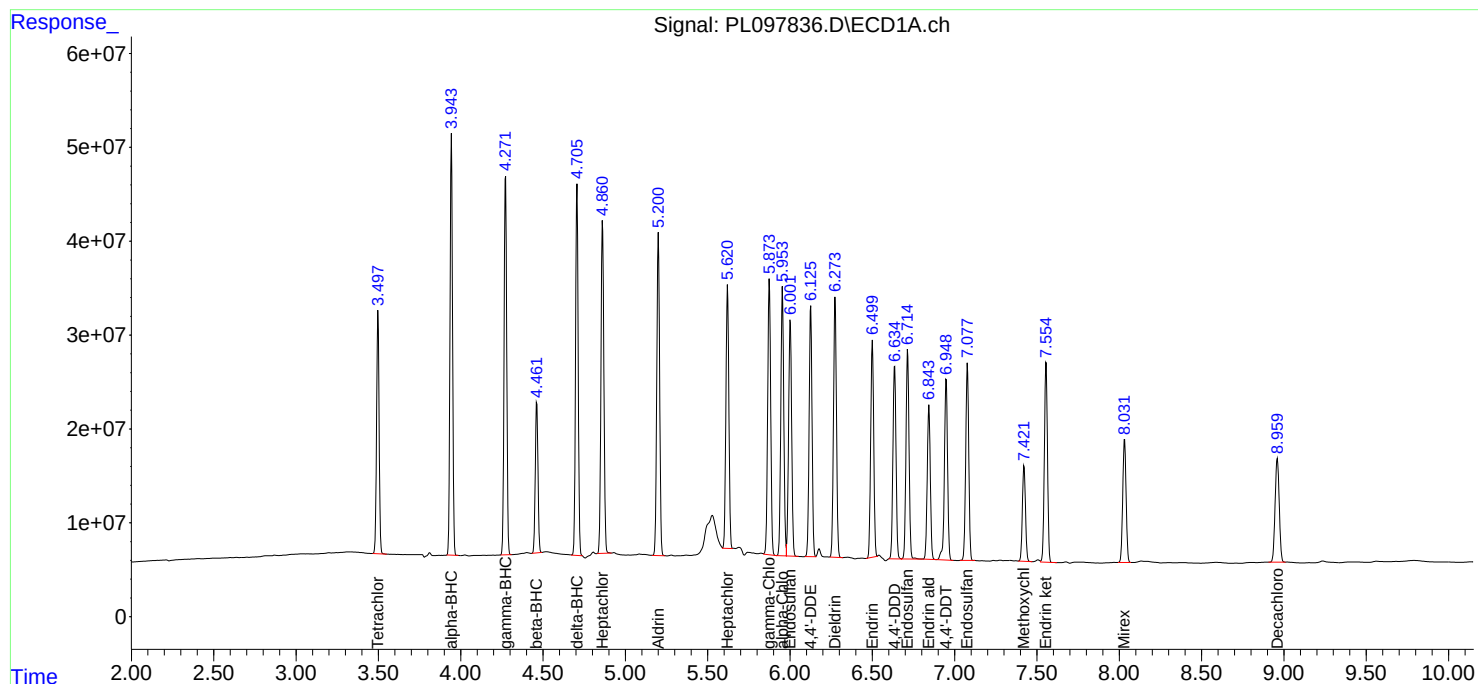
Manual Integrations

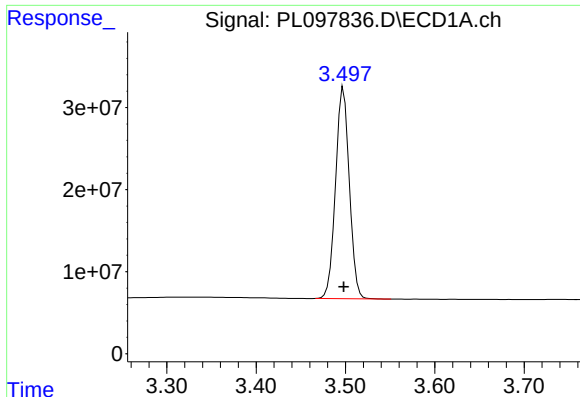
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Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 02:44:58 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





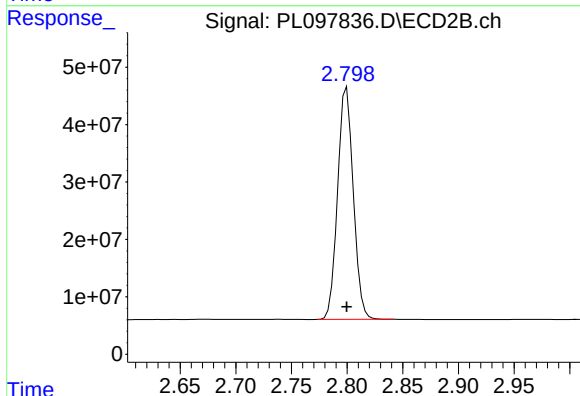
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 275702282
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

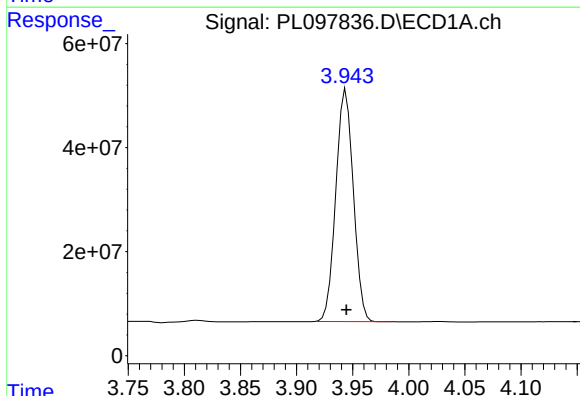
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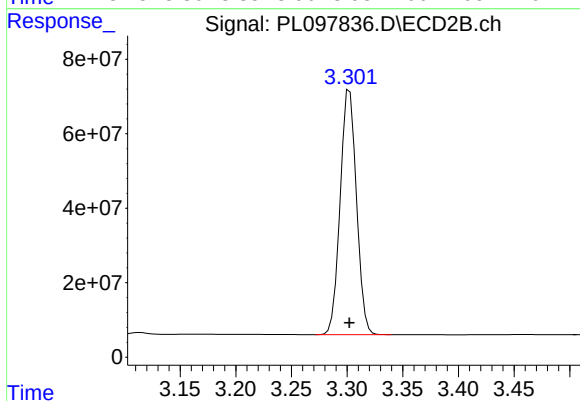
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 396882827
Conc: 56.82 ng/ml



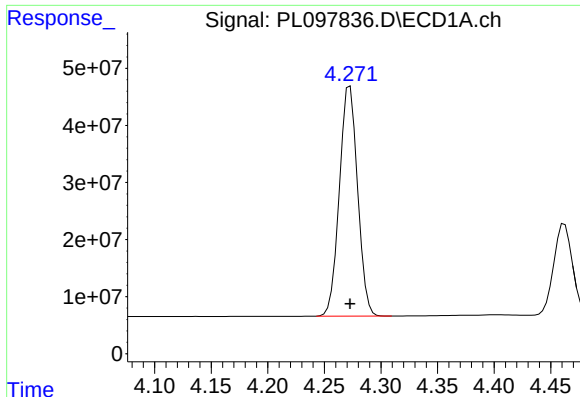
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 485714916
Conc: 57.44 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 670842600
Conc: 58.47 ng/ml



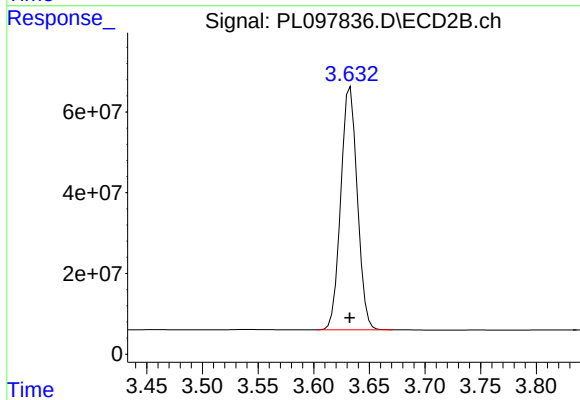
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 450838415
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

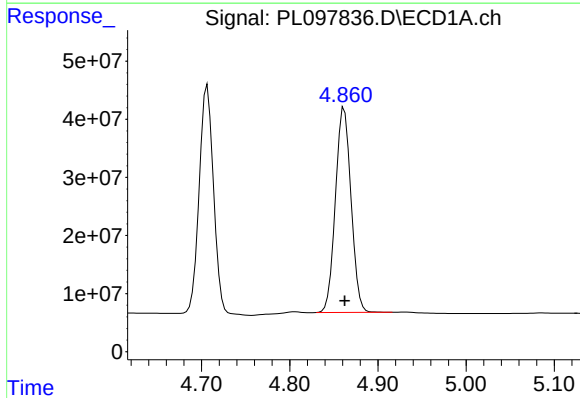
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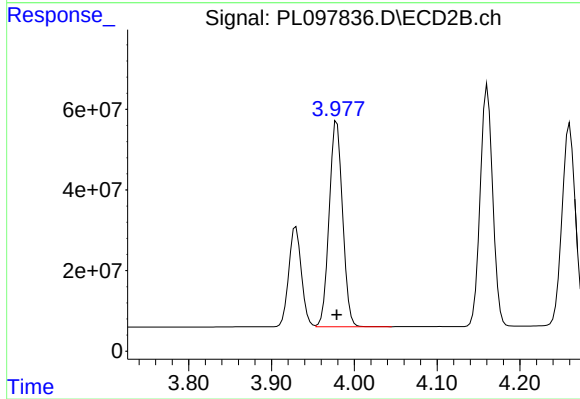
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 621772767
Conc: 57.81 ng/ml



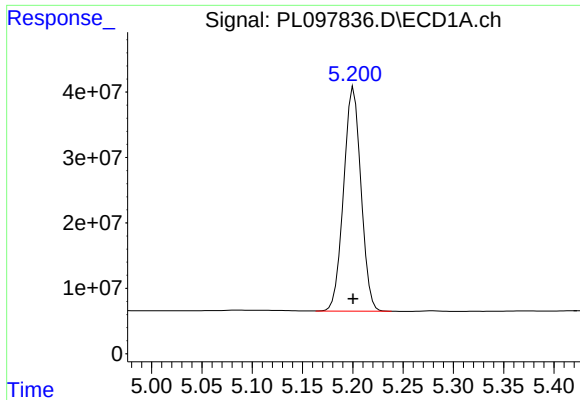
#4 Heptachlor

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 434205189
Conc: 54.53 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: 0.000 min
Response: 573806346
Conc: 55.20 ng/ml



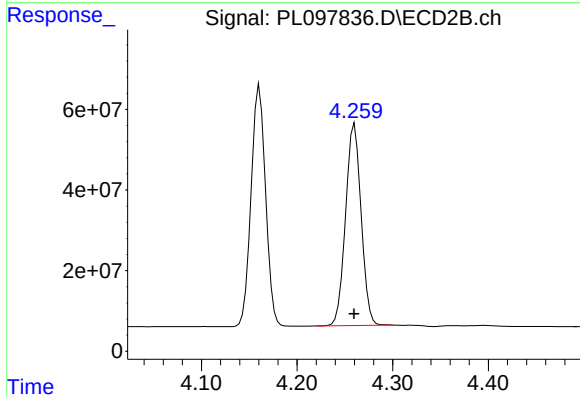
#5 Aldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 410694830
Conc: 56.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

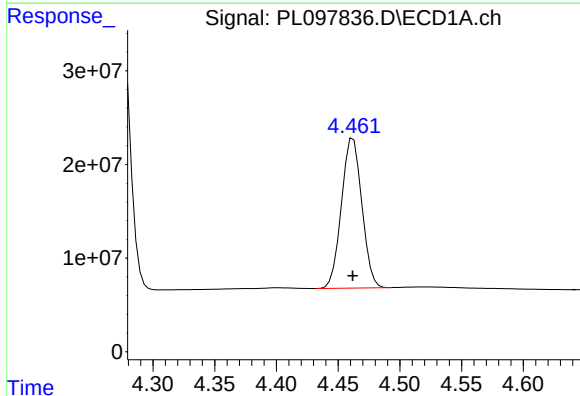
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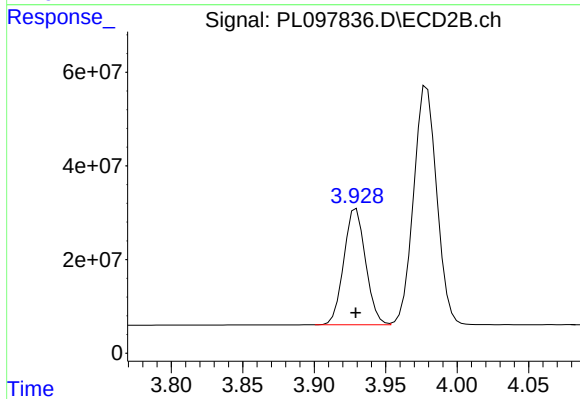
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 568414386
Conc: 57.48 ng/ml



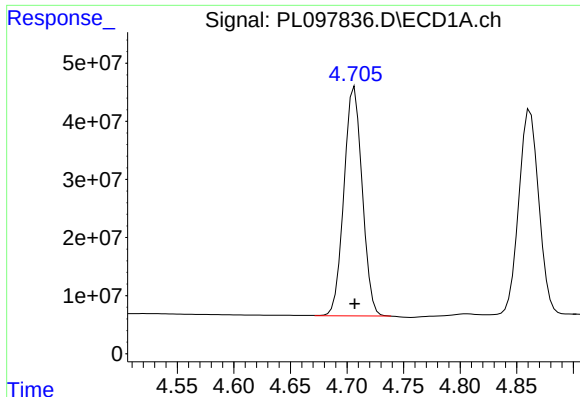
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 184322363
Conc: 55.05 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 262969641
Conc: 56.72 ng/ml



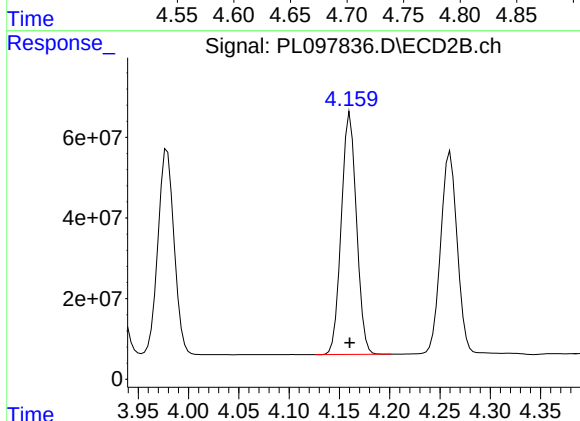
#7 delta-BHC

R.T.: 4.705 min
Delta R.T.: -0.001 min
Response: 442486870
Conc: 57.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

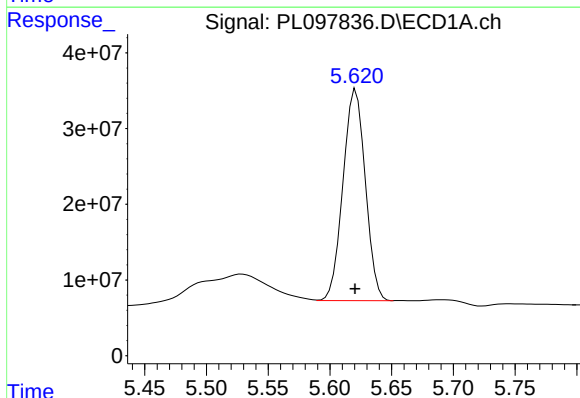
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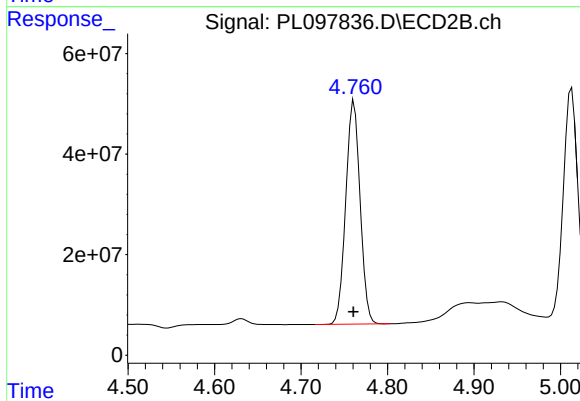
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 628729542
Conc: 58.83 ng/ml



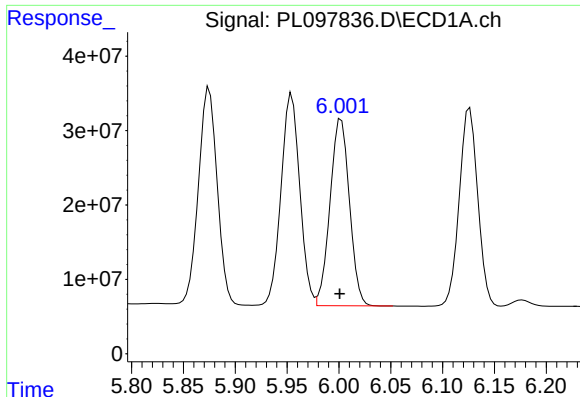
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 351842587
Conc: 52.88 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 510167224
Conc: 56.66 ng/ml



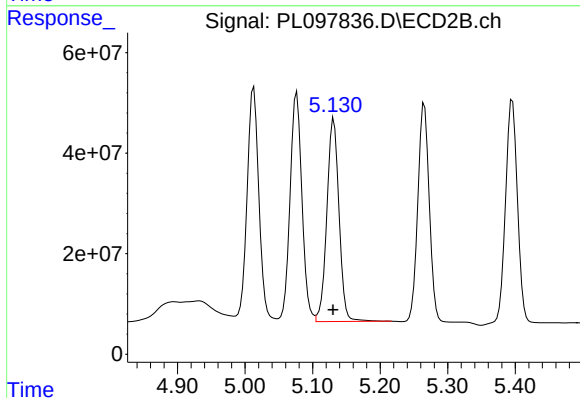
#9 Endosulfan I

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 327030710
Conc: 55.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

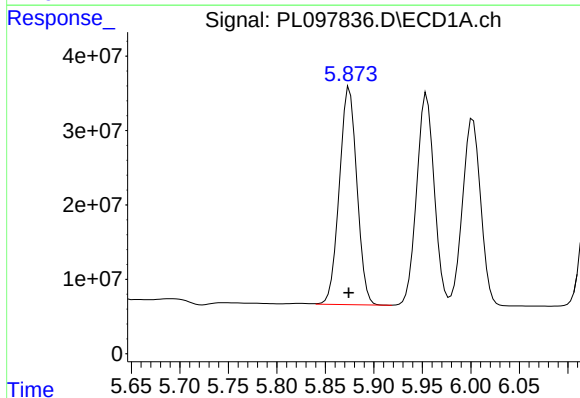
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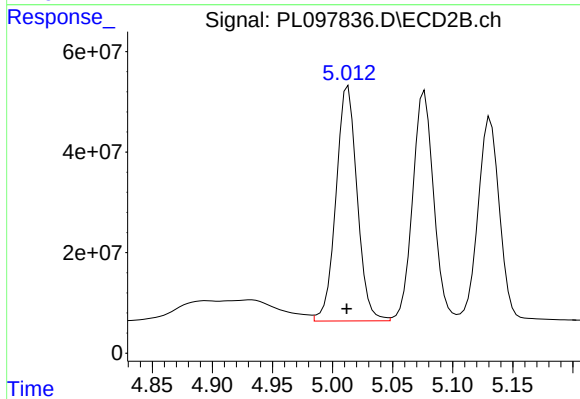
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 507219641
Conc: 49.78 ng/ml



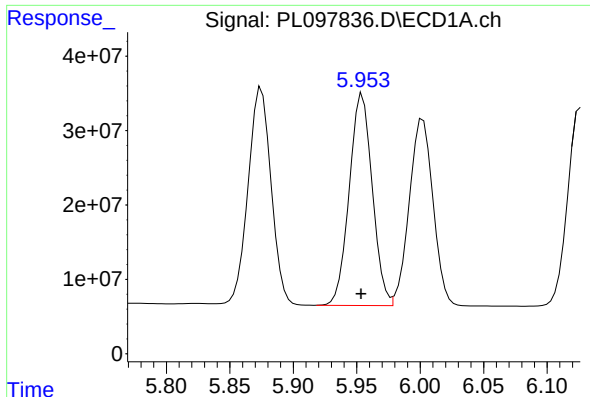
#10 gamma-Chlordane

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 367839216
Conc: 56.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: 0.001 min
Response: 573922913
Conc: 56.35 ng/ml



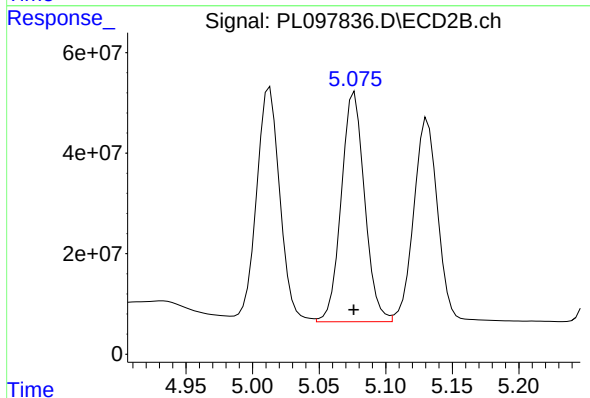
#11 alpha-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.001 min
Response: 358827682
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

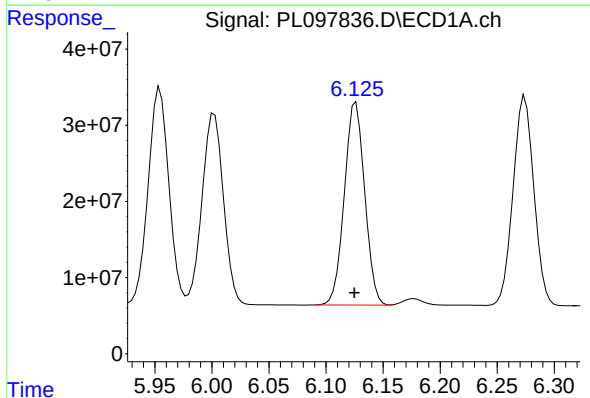
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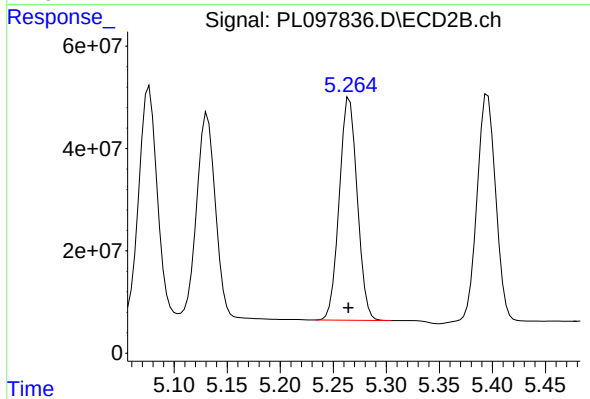
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 557518504
Conc: 54.37 ng/ml



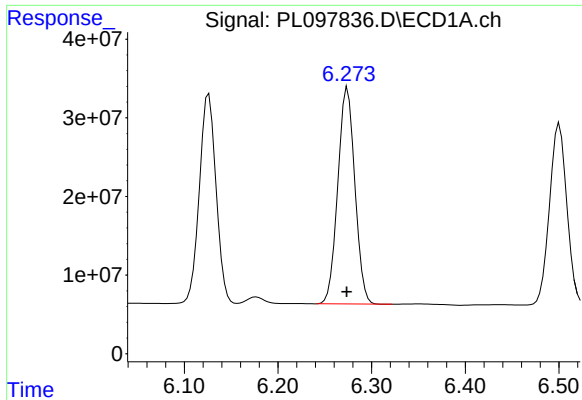
#12 4,4'-DDE

R.T.: 6.126 min
Delta R.T.: 0.001 min
Response: 330187154
Conc: 56.22 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 512540373
Conc: 58.17 ng/ml m



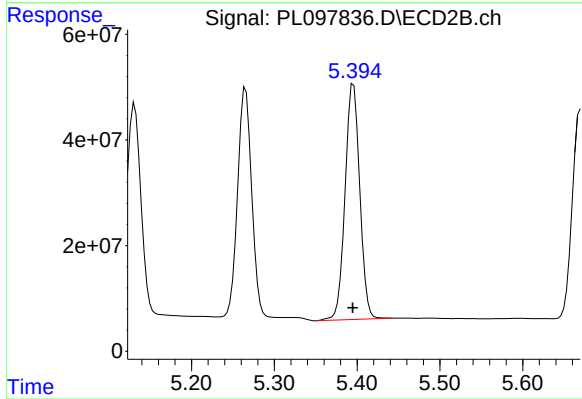
#13 Dieldrin

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 349058006
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

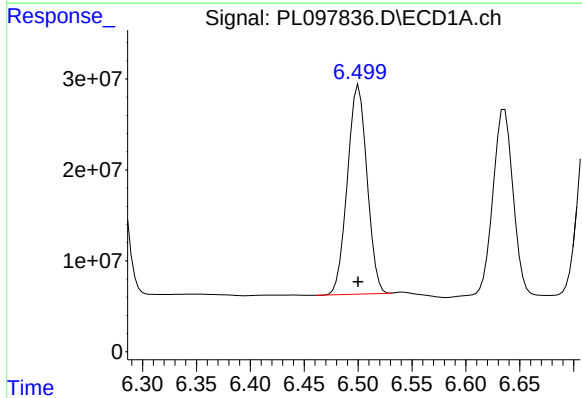
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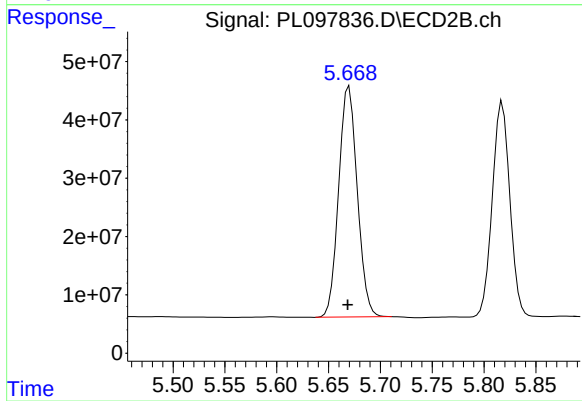
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 550813351
Conc: 58.78 ng/ml



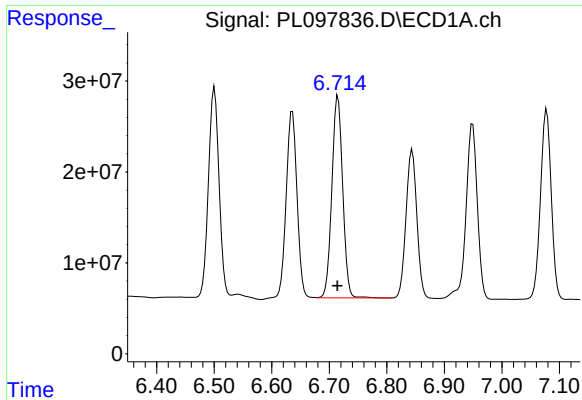
#14 Endrin

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 291982788
Conc: 56.37 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 494870400
Conc: 59.22 ng/ml



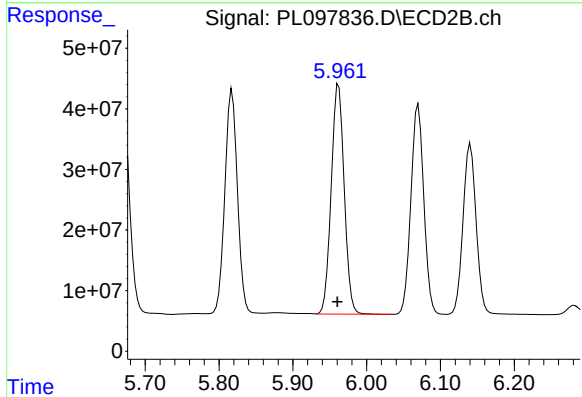
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 289799781
Conc: 56.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

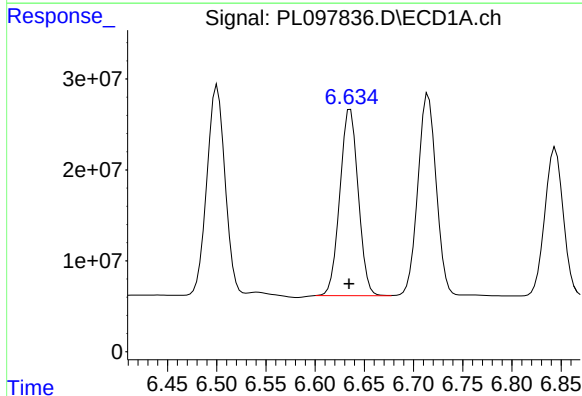
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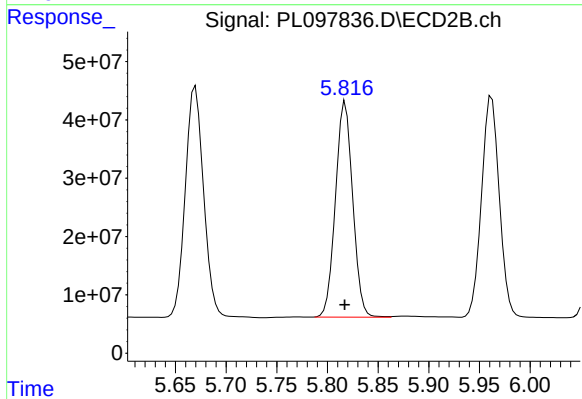
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.001 min
Response: 465167791
Conc: 56.20 ng/ml



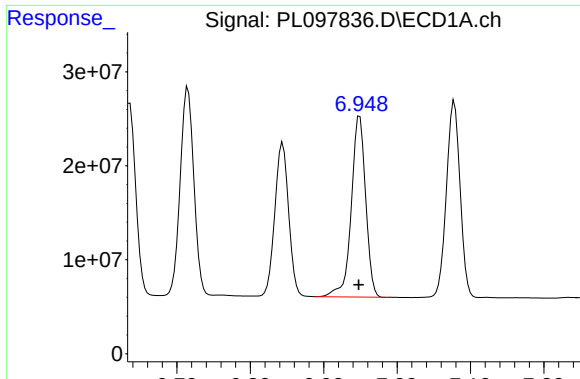
#16 4,4'-DDD

R.T.: 6.636 min
Delta R.T.: 0.001 min
Response: 266692866
Conc: 57.58 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 438006103
Conc: 58.39 ng/ml



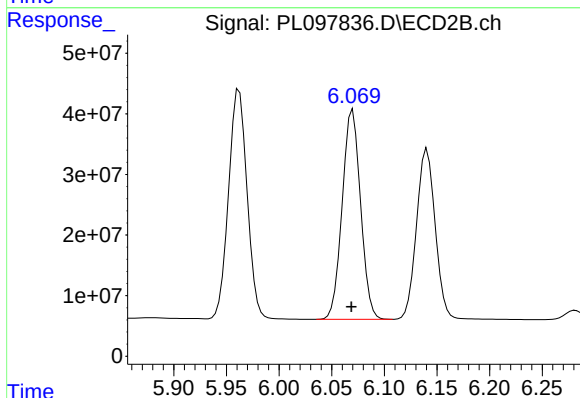
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.001 min
Response: 262043284
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

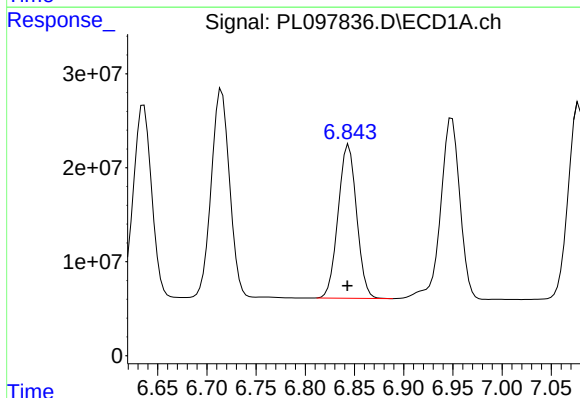
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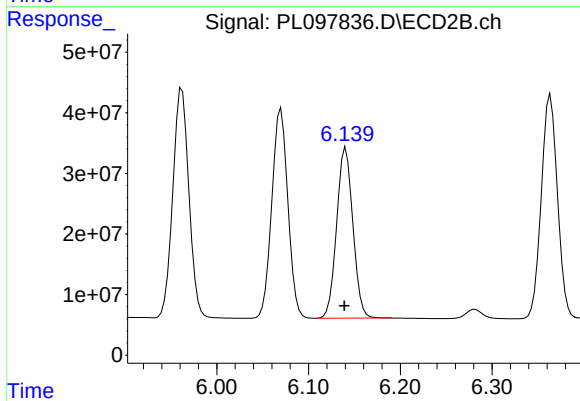
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 422083780
Conc: 55.03 ng/ml



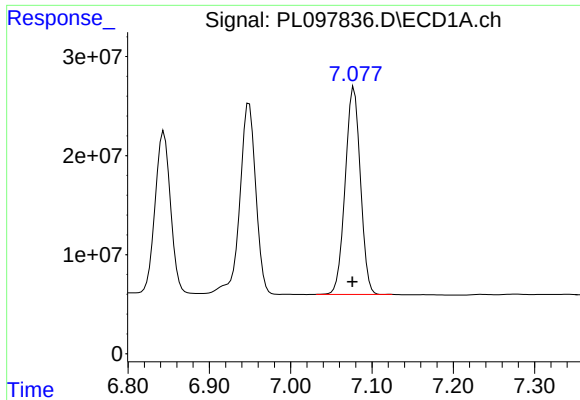
#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 213718360
Conc: 54.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 345797044
Conc: 54.16 ng/ml



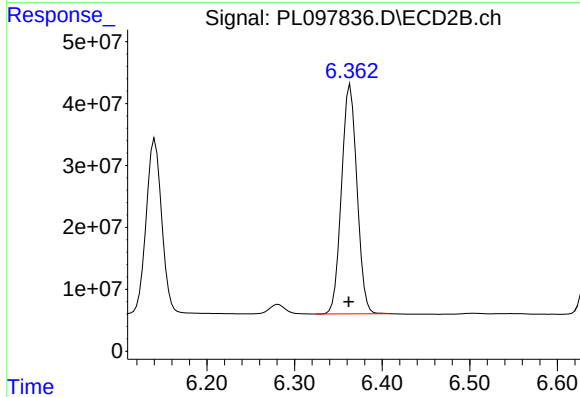
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: 0.002 min
Response: 270822130
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

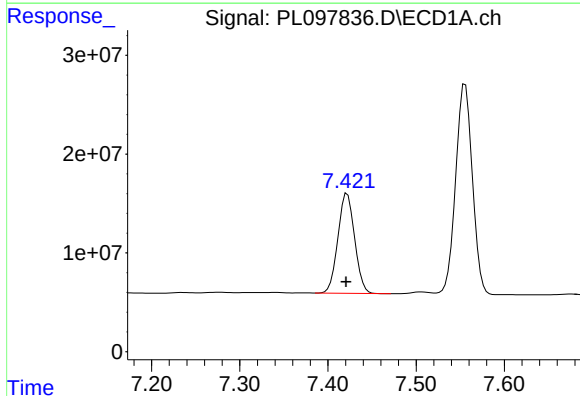
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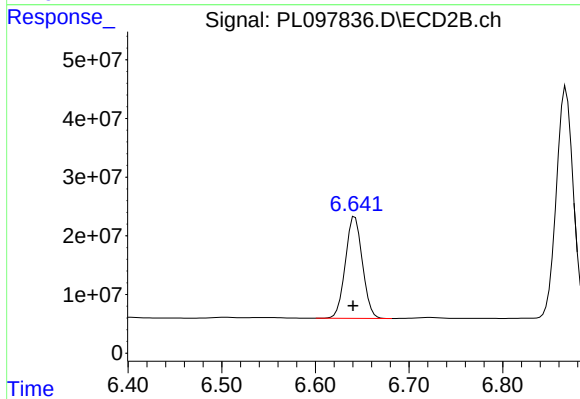
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 454576259
Conc: 55.84 ng/ml



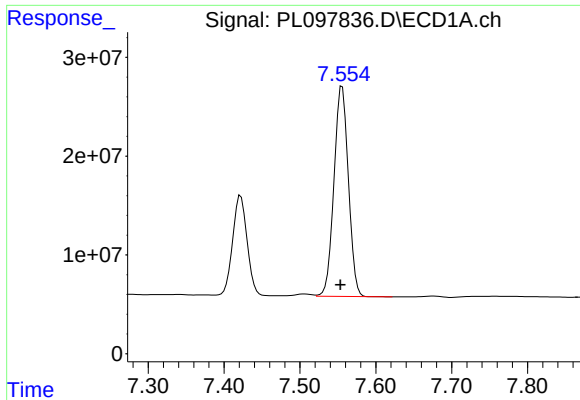
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 133395450
Conc: 53.00 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 219021216
Conc: 52.41 ng/ml



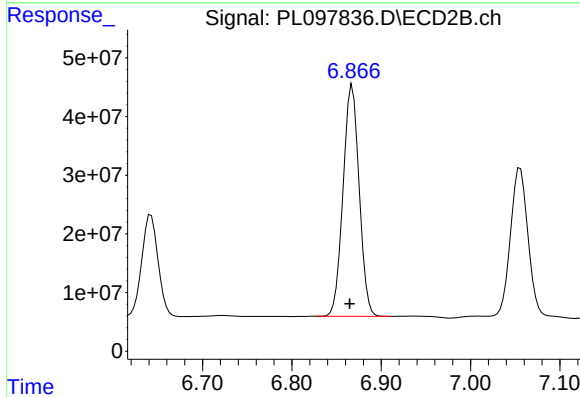
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.003 min
Response: 280843815
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

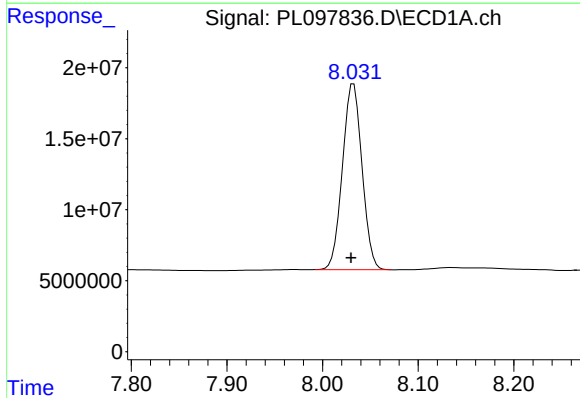
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Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



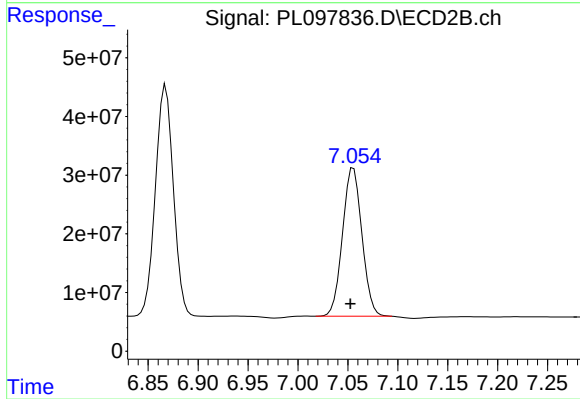
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 493873250
Conc: 55.36 ng/ml



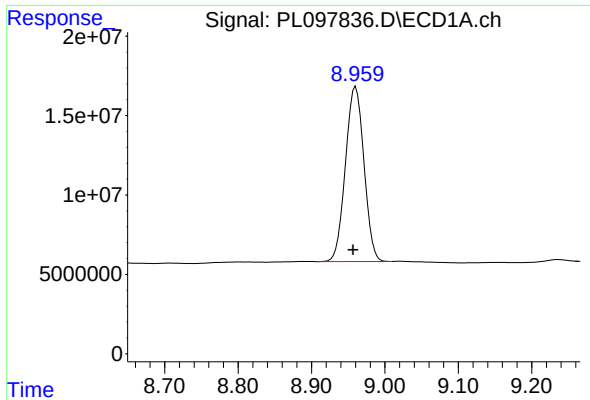
#22 Mirex

R.T.: 8.032 min
Delta R.T.: 0.003 min
Response: 186826988
Conc: 54.17 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 341652107
Conc: 52.93 ng/ml



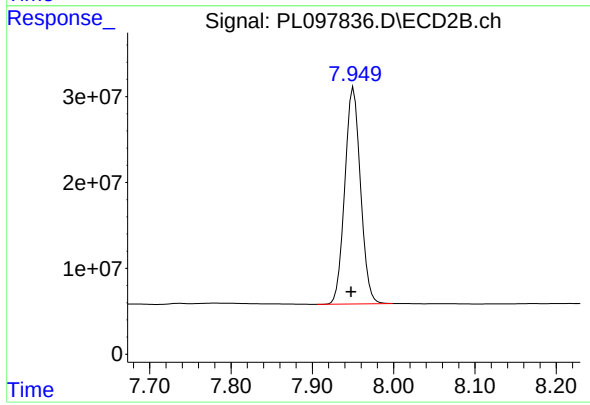
#28 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: 0.002 min
Response: 192960568
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 12/11/2025



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.003 min
Response: 337462405
Conc: 51.32 ng/ml