

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 10:47
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 11:30:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 11:25:02 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...	3.524	2.822	302.9E6	448.0E6	74.765	74.706
28)	SA Decachlor...	8.996	7.980	213.6E6	365.9E6	74.773	75.007
Target Compounds							
2)	A alpha-BHC	3.971	3.327	516.6E6	756.0E6	74.784	74.807
3)	MA gamma-BHC...	4.299	3.659	483.4E6	697.8E6	74.804	74.848
4)	MA Heptachlor	4.890	4.006	477.2E6	683.9E6	74.417	74.935
5)	MB Aldrin	5.229	4.288	451.6E6	652.9E6	74.857	75.026
6)	B beta-BHC	4.487	3.955	190.6E6	286.9E6	74.627	74.512
7)	B delta-BHC	4.732	4.187	455.0E6	690.1E6	74.798	74.955
8)	B Heptachlo...	5.646	4.790	420.6E6	576.0E6	75.990m	74.570
9)	A Endosulfan I	6.028	5.161	365.9E6	522.4E6	74.442m	73.150
10)	B gamma-Chl...	5.901	5.042	407.5E6	640.9E6	75.493m	75.480
11)	B alpha-Chl...	5.980	5.106	397.8E6	615.8E6	74.338m	75.462
12)	B 4,4'-DDE	6.153	5.294	356.9E6	573.4E6	75.468	74.911
13)	MA Dieldrin	6.302	5.425	393.8E6	630.0E6	74.738	76.730
14)	MA Endrin	6.526	5.700	338.0E6	554.9E6	75.358m	76.549
15)	B Endosulfa...	6.742	5.992	341.8E6	510.0E6	75.631	75.365
16)	A 4,4'-DDD	6.660	5.847	280.2E6	481.8E6	73.939m	75.561
17)	MA 4,4'-DDT	6.975	6.099	306.5E6	510.3E6	74.679	75.474
18)	B Endrin al...	6.870	6.170	236.5E6	384.0E6	74.470	74.871
19)	B Endosulfa...	7.104	6.393	292.5E6	487.0E6	74.689	75.470
20)	A Methoxychlor	7.447	6.670	157.2E6	262.3E6	77.591m	75.261
21)	B Endrin ke...	7.583	6.897	314.8E6	602.9E6	74.648	79.472
22)	Mirex	8.061	7.086	217.5E6	373.6E6	74.492	74.976

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:47
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

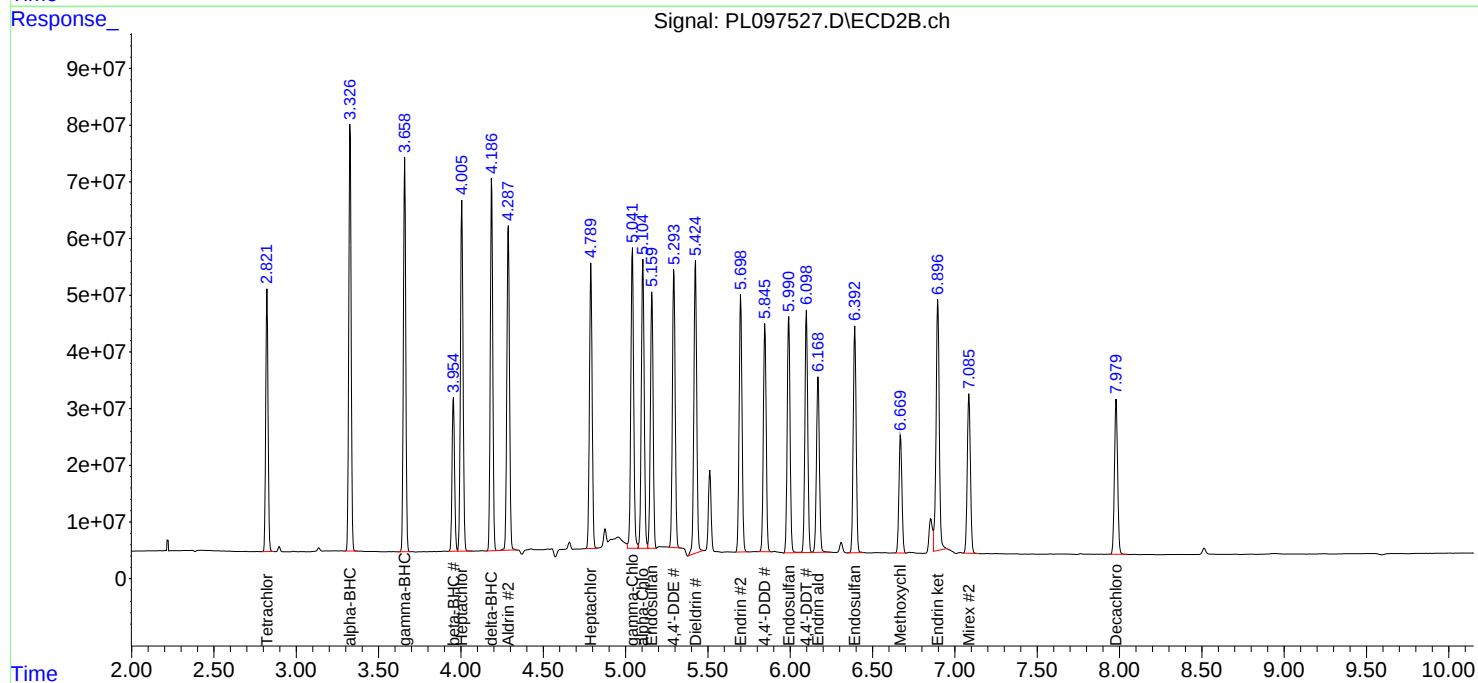
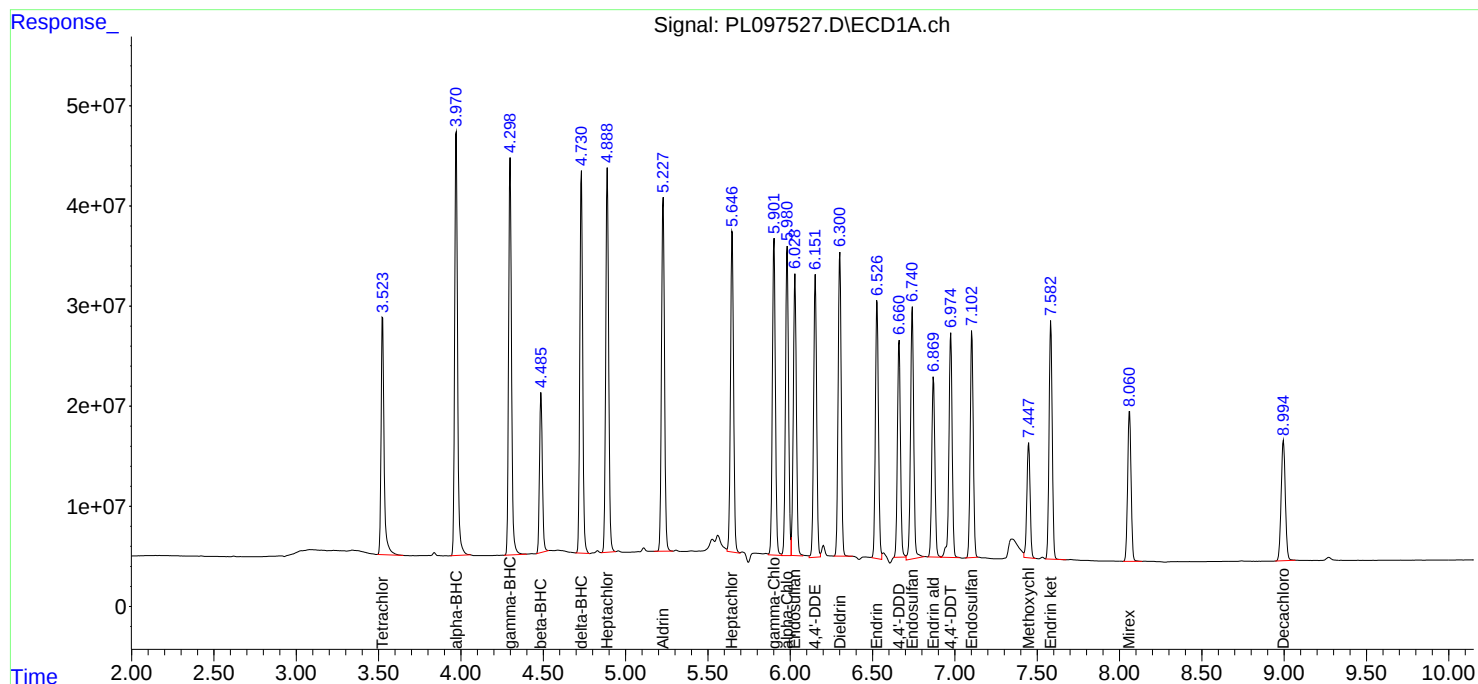
Instrument :
ECD_L
ClientSampleId :
PSTDICC075

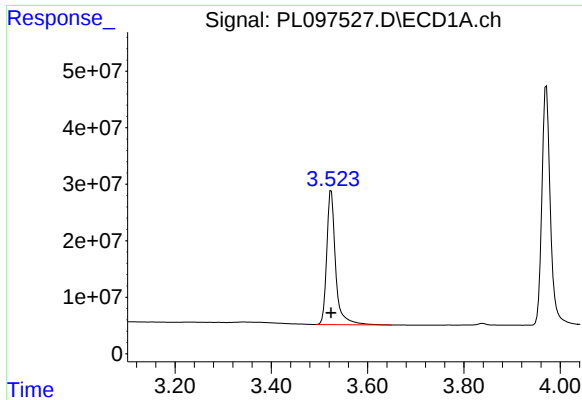
Manual Integrations
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Supervised By : mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:30:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 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.: 3.524 min
Delta R.T.: 0.000 min
Response: 302930247
Conc: 74.76 ng/ml

Instrument :

ECD_L

ClientSampleId :

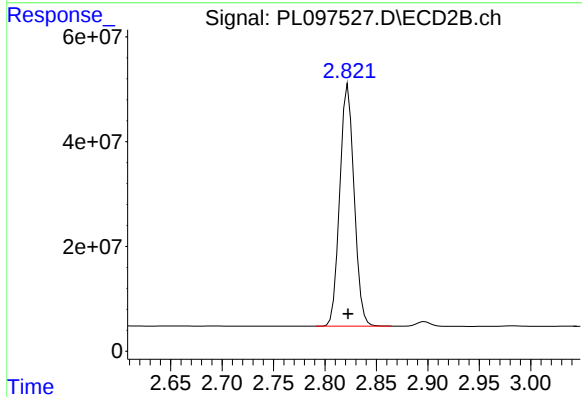
PSTDICC075

Manual Integrations

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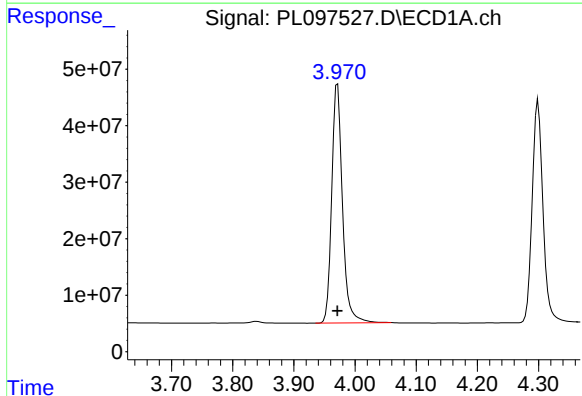
Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



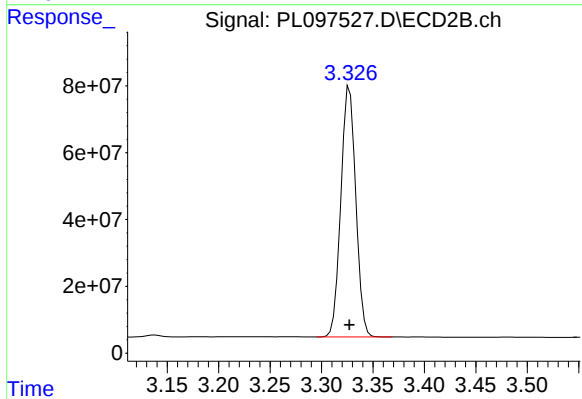
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 448047560
Conc: 74.71 ng/ml



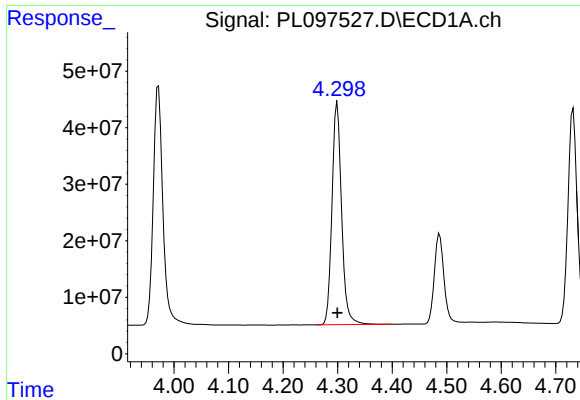
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 516617502
Conc: 74.78 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 755985175
Conc: 74.81 ng/ml



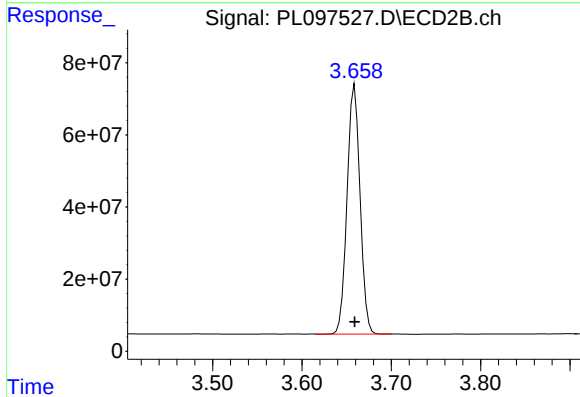
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 483383553
Conc: 74.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

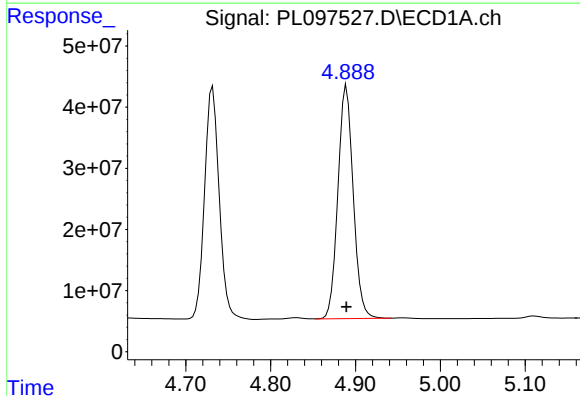
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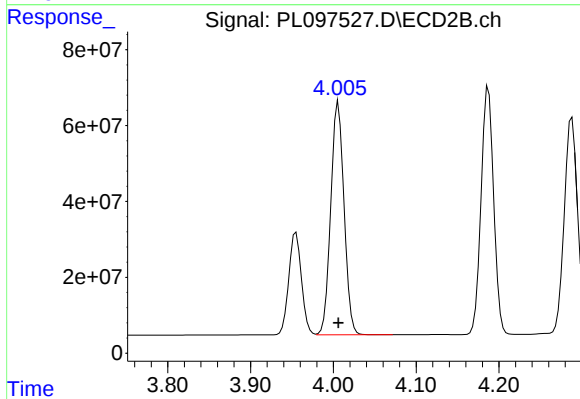
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 697758459
Conc: 74.85 ng/ml



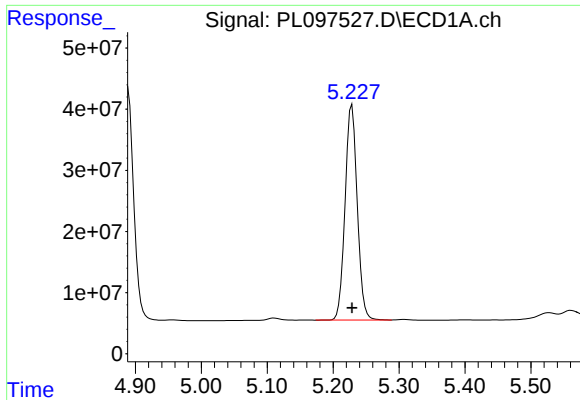
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 477189790
Conc: 74.42 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 683936271
Conc: 74.93 ng/ml



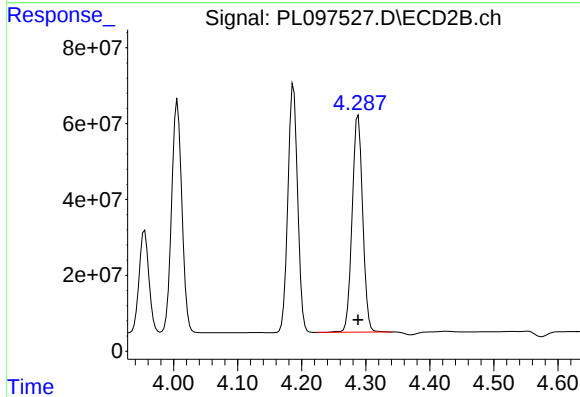
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 451646966
Conc: 74.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

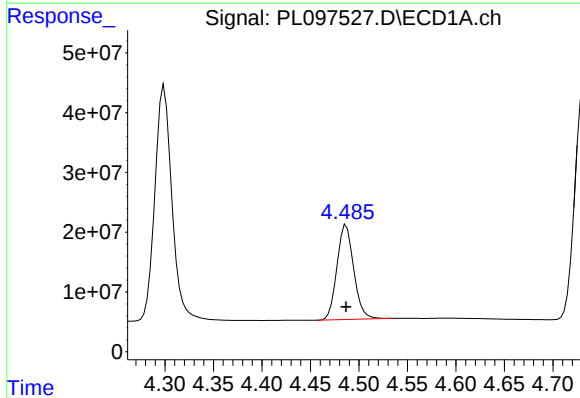
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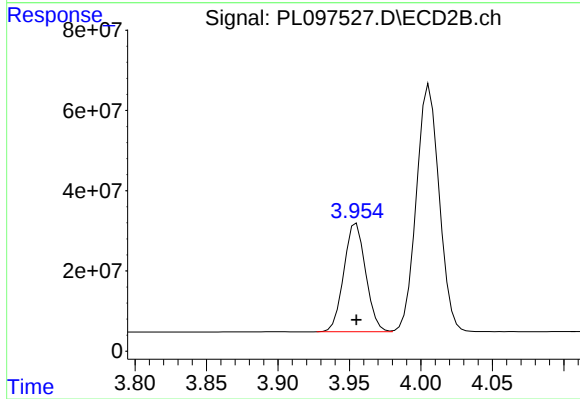
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 652890999
Conc: 75.03 ng/ml



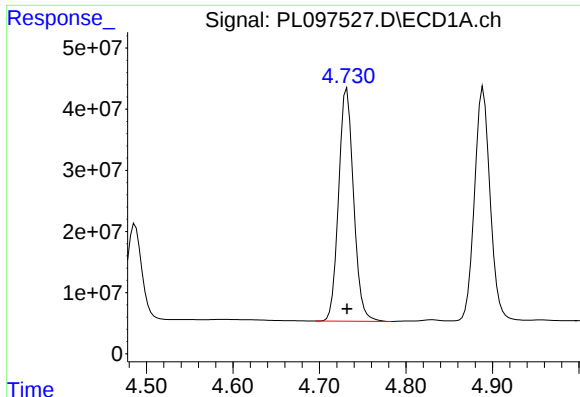
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 190550928
Conc: 74.63 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 286931948
Conc: 74.51 ng/ml



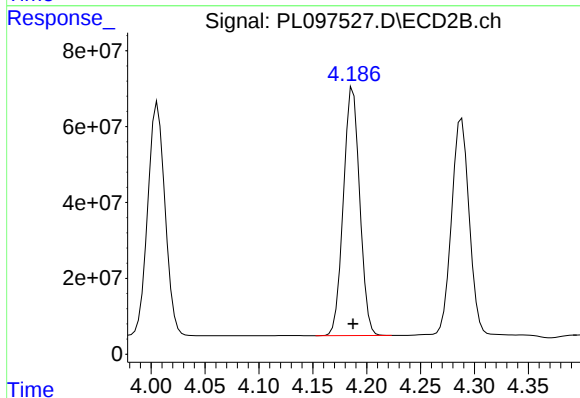
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 454996867
Conc: 74.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

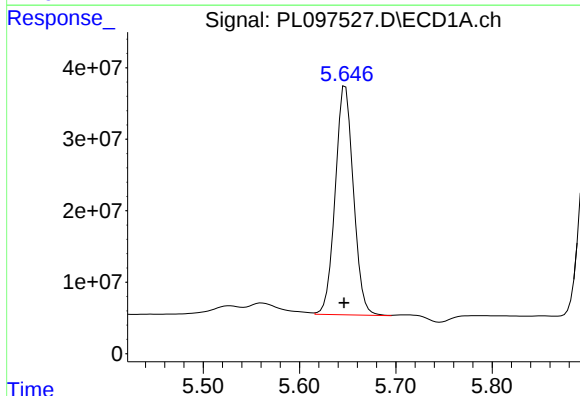
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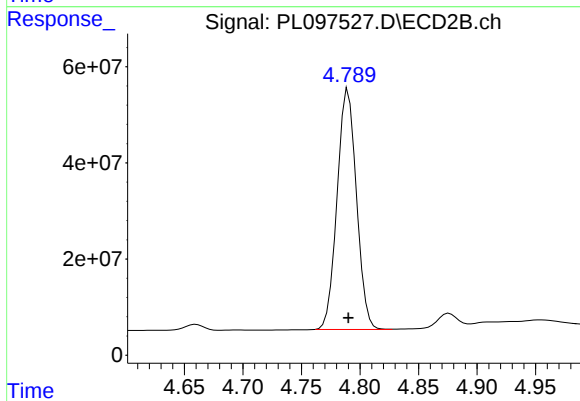
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 690058074
Conc: 74.95 ng/ml



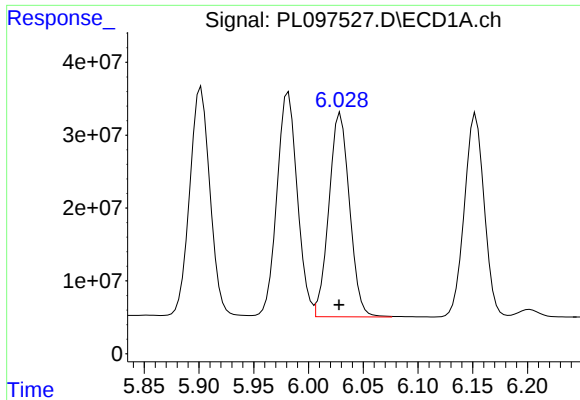
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 420569748
Conc: 75.99 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 575995630
Conc: 74.57 ng/ml



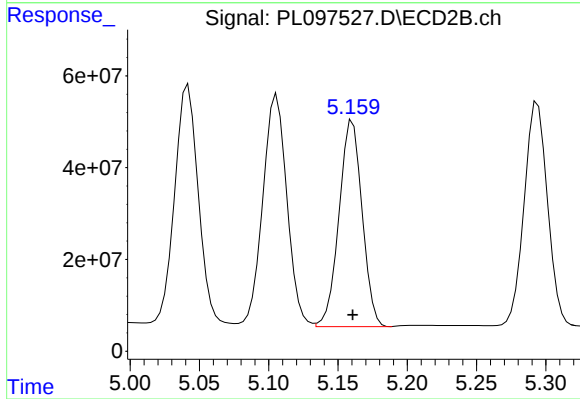
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 365885715
Conc: 74.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

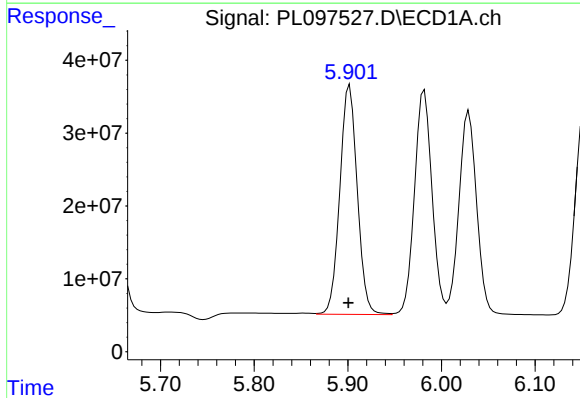
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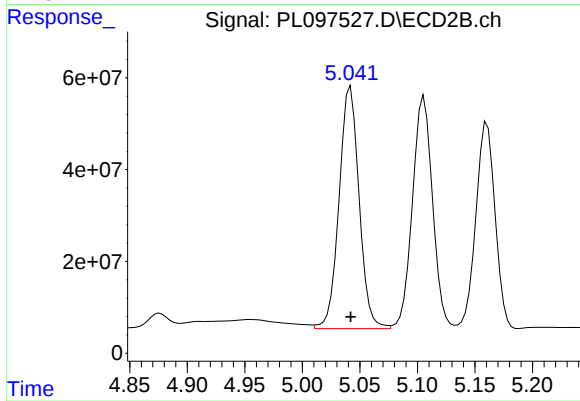
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 522380899
Conc: 73.15 ng/ml



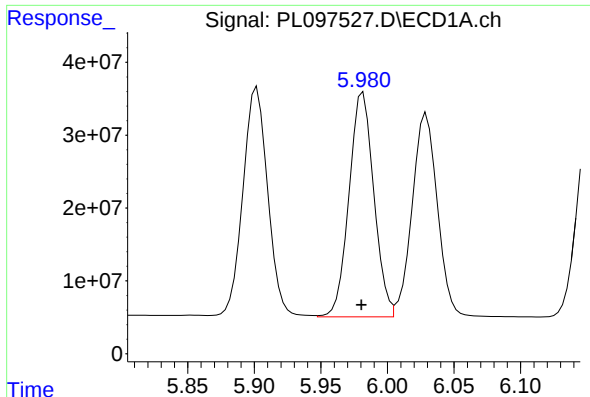
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 407518316
Conc: 75.49 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 640909927
Conc: 75.48 ng/ml



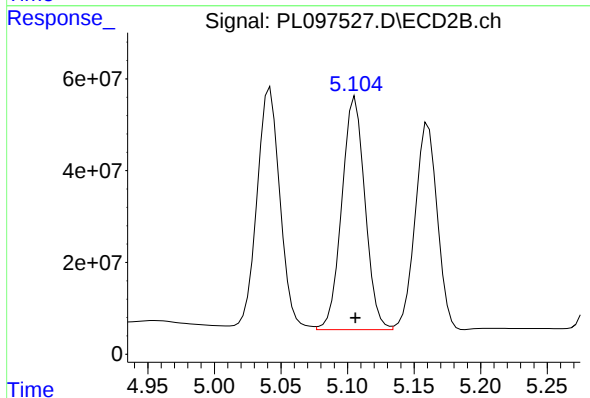
#11 alpha-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 397757163
Conc: 74.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

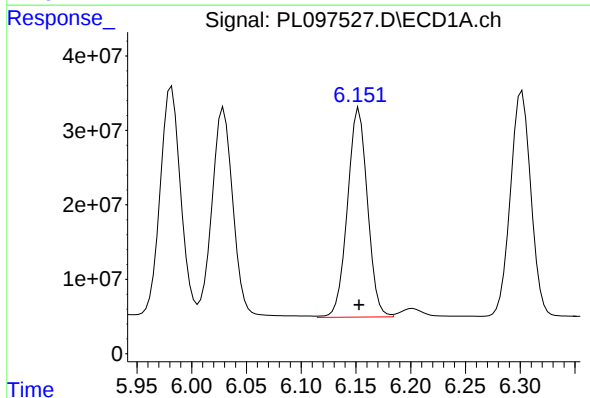
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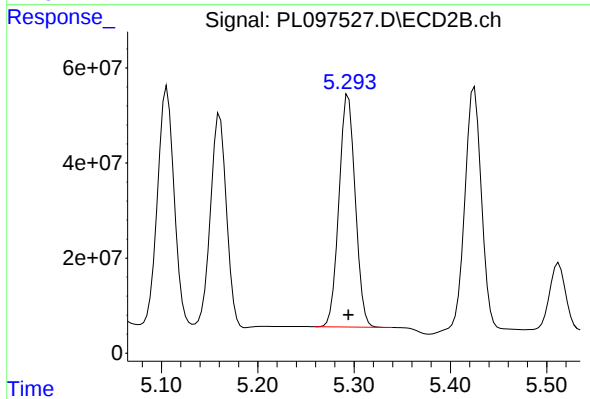
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 615847187
Conc: 75.46 ng/ml



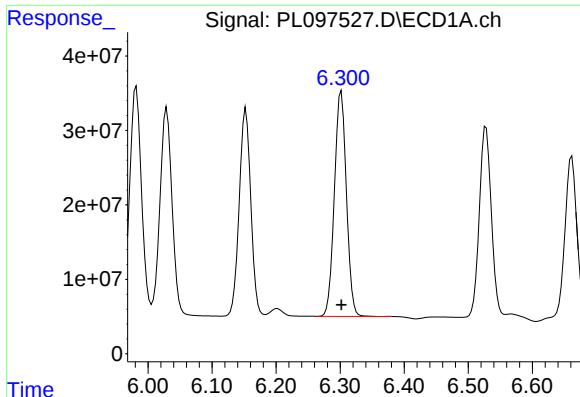
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 356926123
Conc: 75.47 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 573433508
Conc: 74.91 ng/ml



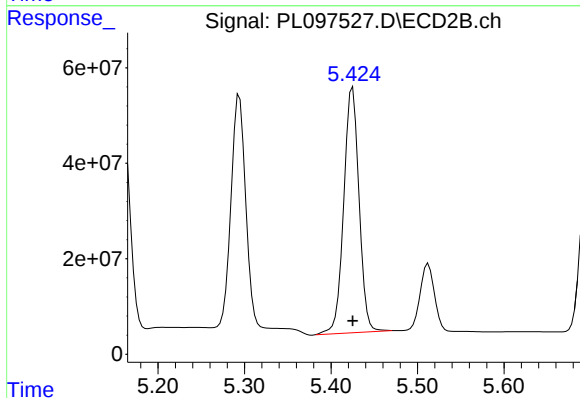
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 393808283
Conc: 74.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

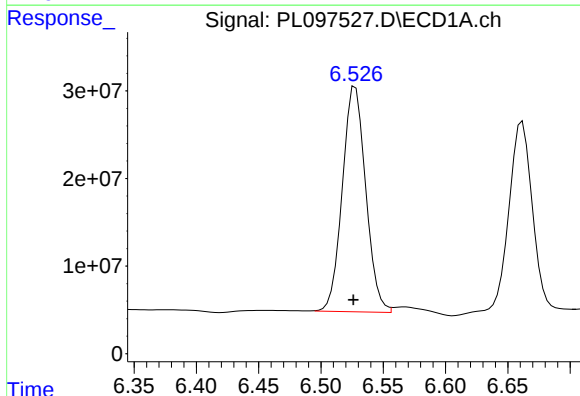
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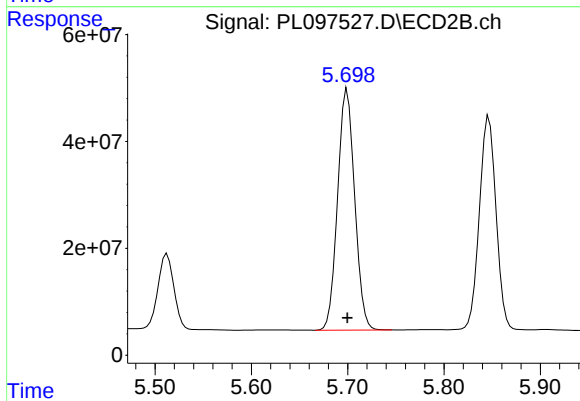
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 629952690
Conc: 76.73 ng/ml



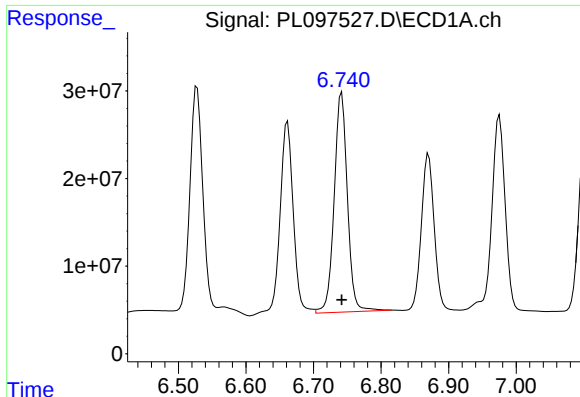
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 338042167
Conc: 75.36 ng/ml m



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 554876055
Conc: 76.55 ng/ml



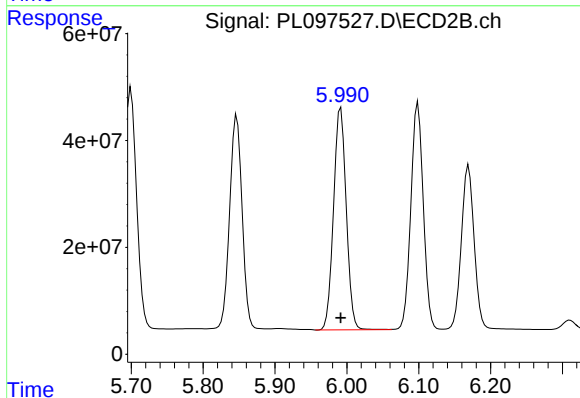
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 341750205
Conc: 75.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

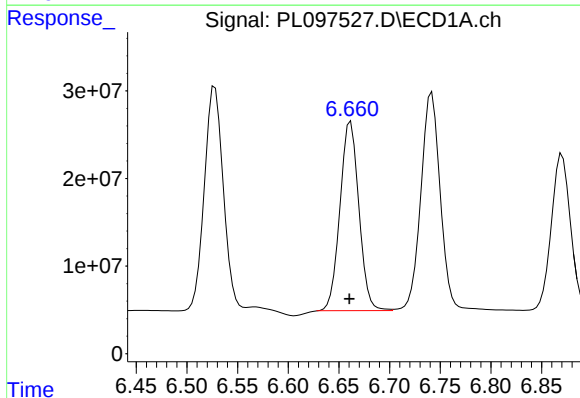
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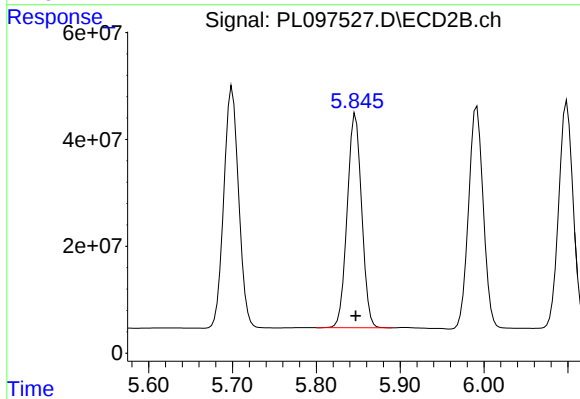
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 509999026
Conc: 75.36 ng/ml



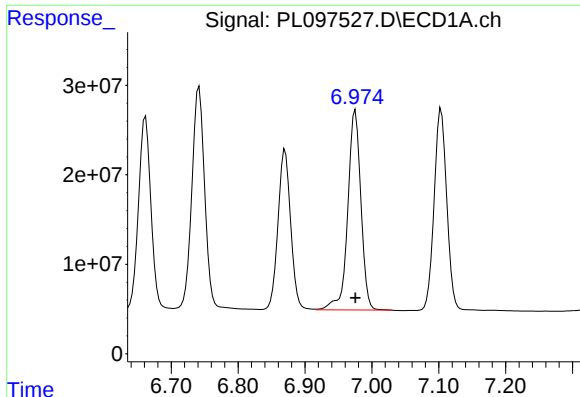
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 280183888
Conc: 73.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 481771702
Conc: 75.56 ng/ml



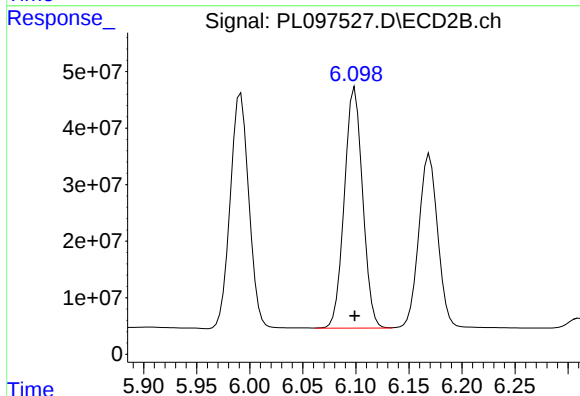
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 306485212
Conc: 74.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

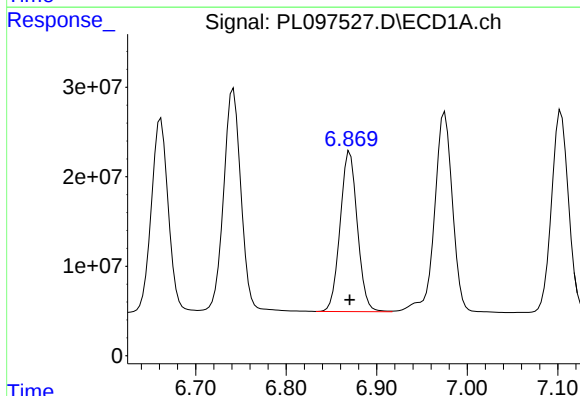
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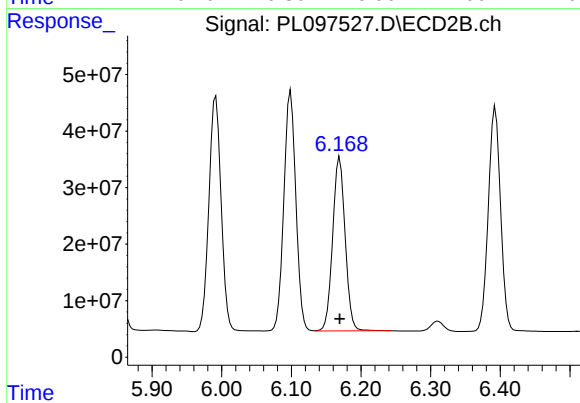
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 510262134
Conc: 75.47 ng/ml



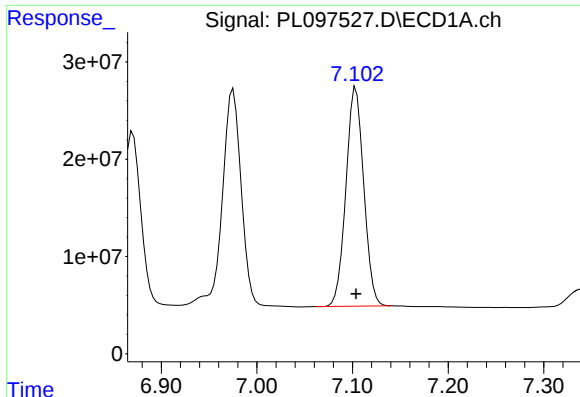
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 236501651
Conc: 74.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 384026584
Conc: 74.87 ng/ml



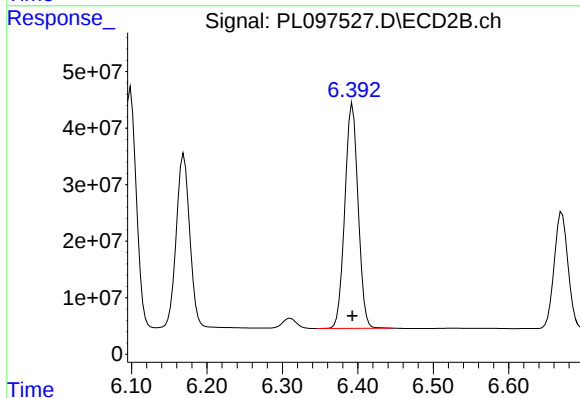
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 292524727
Conc: 74.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

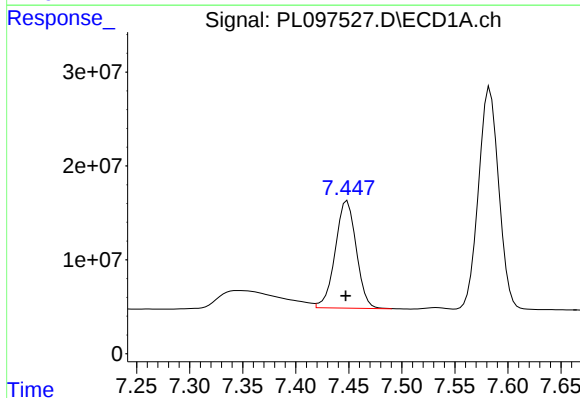
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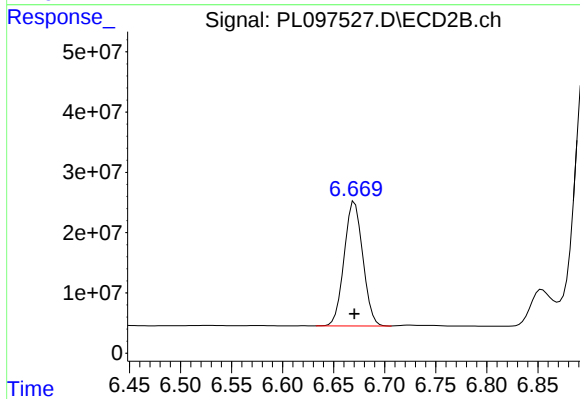
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 487036846
Conc: 75.47 ng/ml



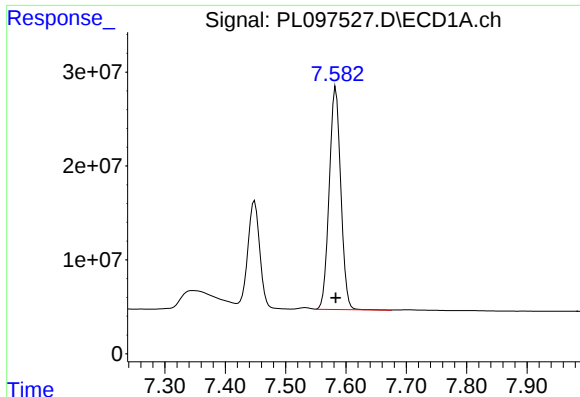
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 157177153
Conc: 77.59 ng/ml m



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 262313861
Conc: 75.26 ng/ml



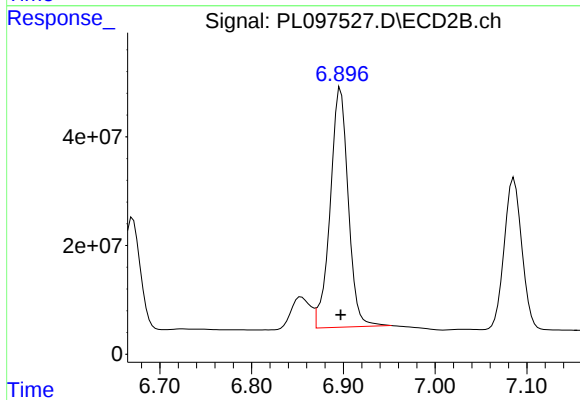
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 314843055
Conc: 74.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

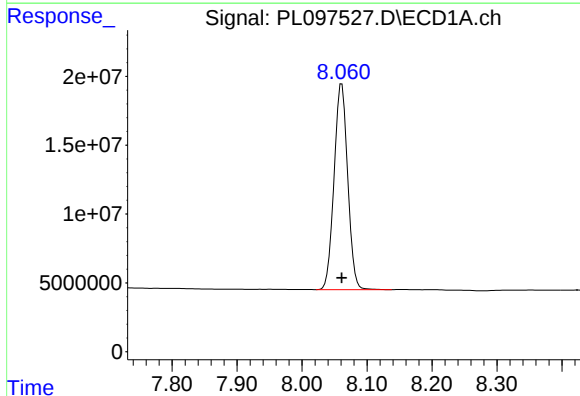
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



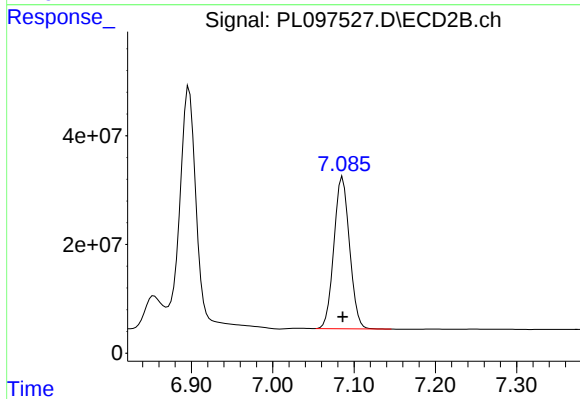
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 602878858
Conc: 79.47 ng/ml



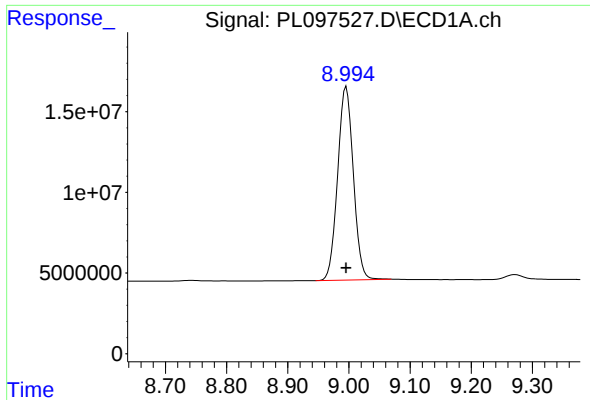
#22 Mirex

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 217502312
Conc: 74.49 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 373645226
Conc: 74.98 ng/ml



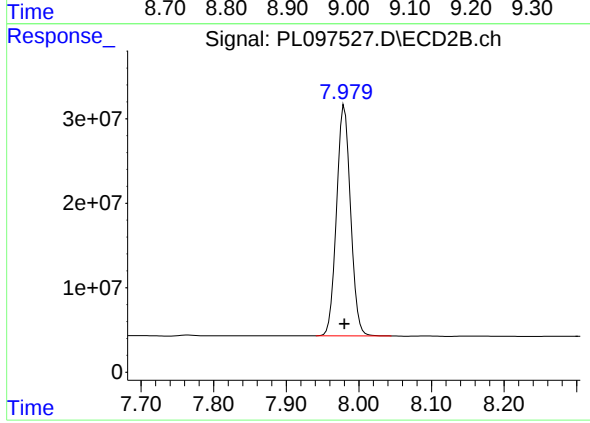
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 213606726
Conc: 74.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 365860089
Conc: 75.01 ng/ml