

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 15:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/30/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 00:53:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.885	169.4E6	219.7E6	53.696	56.121
28)	SA Decachlor...	9.101	8.062	104.3E6	190.7E6	44.265	43.588
Target Compounds							
2)	A alpha-BHC	4.024	3.395	262.4E6	341.3E6	54.125	58.274
3)	MA gamma-BHC...	4.355	3.729	235.0E6	321.5E6	52.559	57.391
4)	MA Heptachlor	4.954	4.082	178.5E6	291.6E6	47.158	51.981
5)	MB Aldrin	5.296	4.366	219.9E6	302.0E6	51.414	56.901
6)	B beta-BHC	4.543	4.024	98751965	137.4E6	50.093	55.446
7)	B delta-BHC	4.791	4.260	226.5E6	317.0E6	51.092	56.124
8)	B Heptachlo...	5.717	4.869	190.5E6	273.9E6	49.915	55.477
9)	A Endosulfan I	6.100	5.241	179.0E6	246.4E6	48.850	51.720
10)	B gamma-Chl...	5.972	5.121	194.2E6	287.1E6	49.888	54.666
11)	B alpha-Chl...	6.053	5.185	191.8E6	278.4E6	48.567	53.518
12)	B 4,4'-DDE	6.223	5.371	175.1E6	278.0E6	47.749	51.836m
13)	MA Dieldrin	6.375	5.506	187.2E6	281.1E6	48.517	53.039
14)	MA Endrin	6.601	5.781	142.0E6	236.9E6	43.998	48.582
15)	B Endosulfa...	6.814	6.072	155.7E6	244.4E6	45.193	51.432
16)	A 4,4'-DDD	6.734	5.924	139.1E6	232.8E6	47.457	53.098
17)	MA 4,4'-DDT	7.049	6.178	112.3E6	213.8E6	41.520	44.712
18)	B Endrin al...	6.943	6.249	108.0E6	167.7E6	44.669	48.535
19)	B Endosulfa...	7.177	6.473	138.3E6	219.2E6	46.293	48.778
20)	A Methoxychlor	7.521	6.748	52654924	108.9E6	41.287	41.643
21)	B Endrin ke...	7.659	6.978	150.0E6	250.4E6	47.370	48.404
22)	Mirex	8.140	7.172	108.1E6	188.0E6	46.725	46.307

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
Data File : PL095832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 15:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

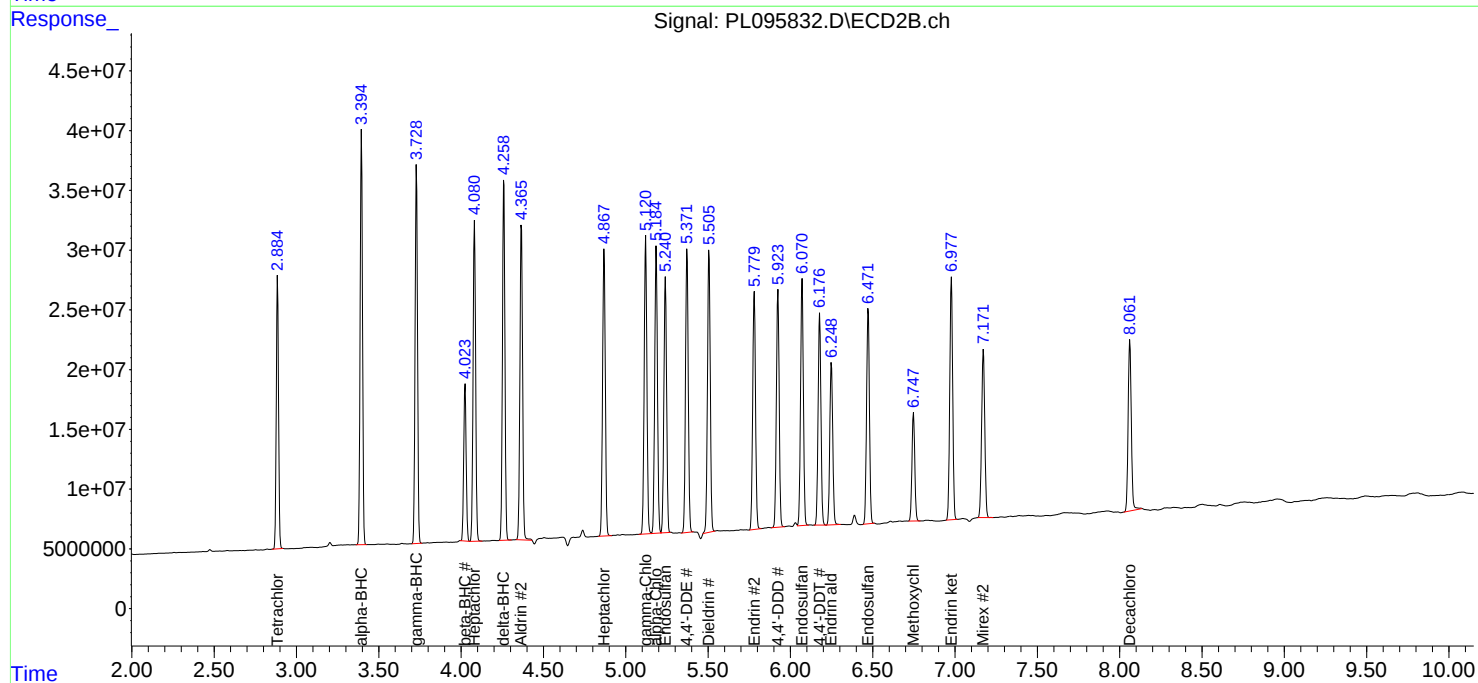
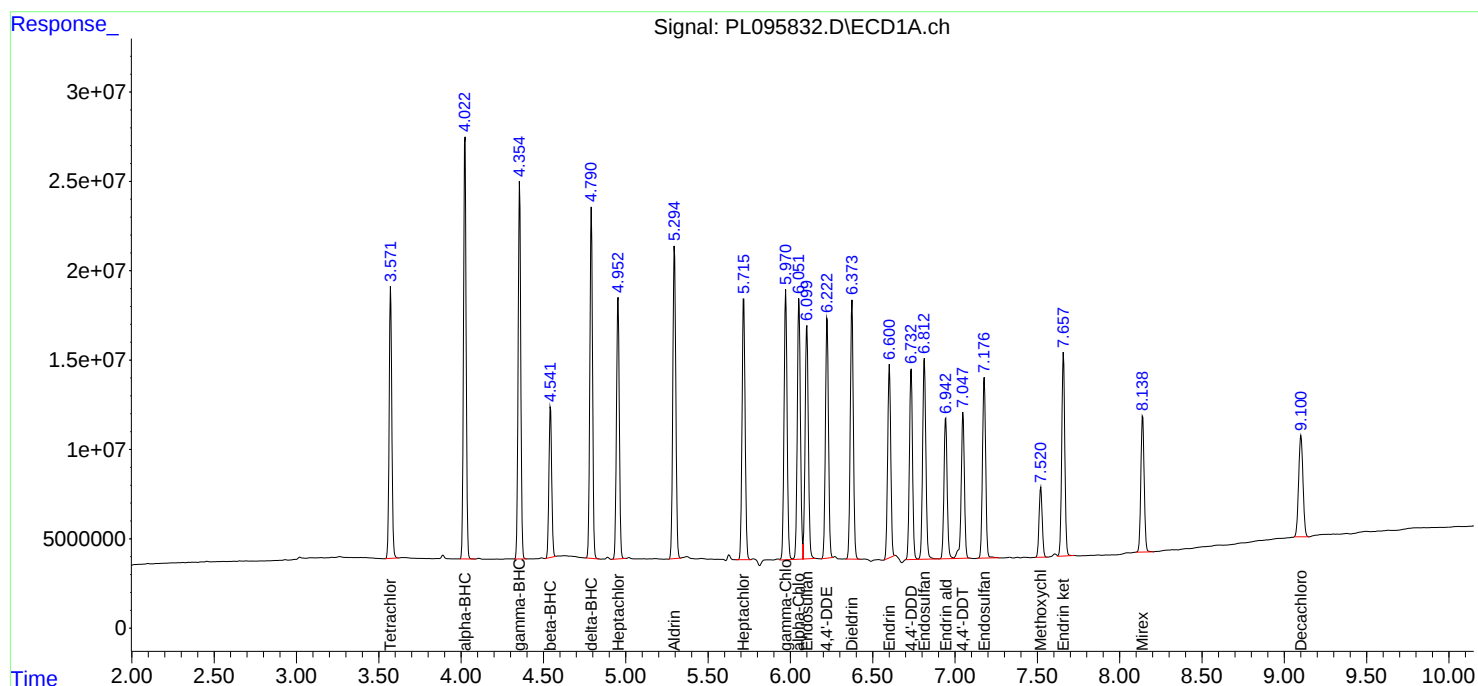
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

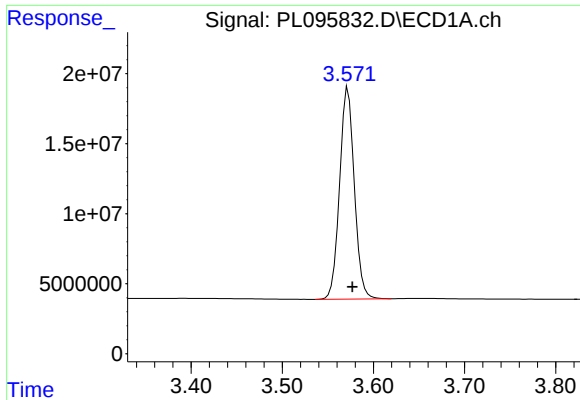
Manual Integrations
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Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





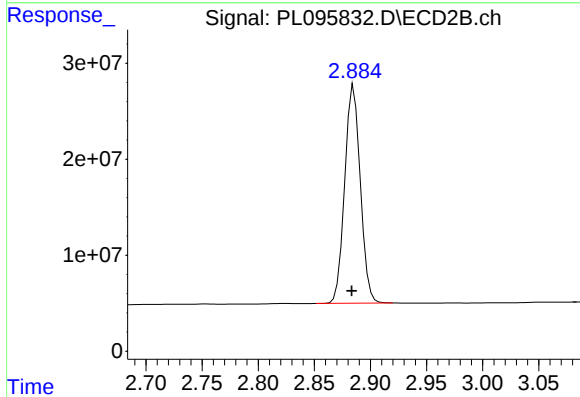
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 169423738
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

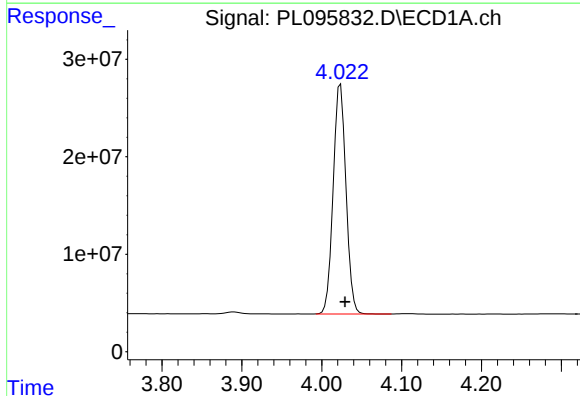
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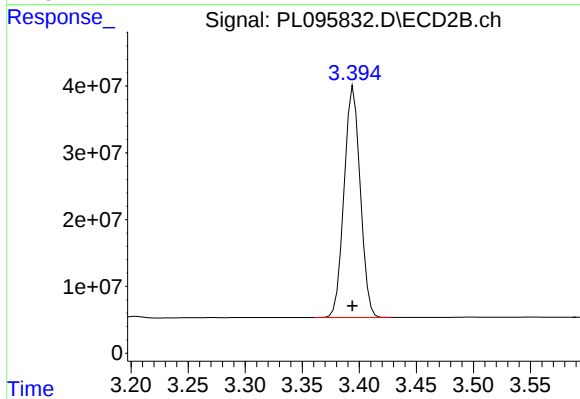
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 219653751
Conc: 56.12 ng/ml



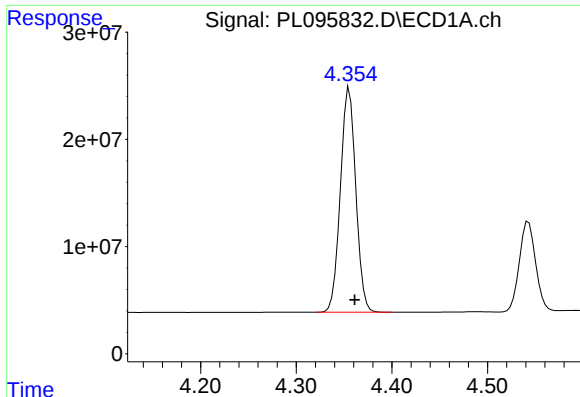
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.006 min
Response: 262391874
Conc: 54.12 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 341328606
Conc: 58.27 ng/ml



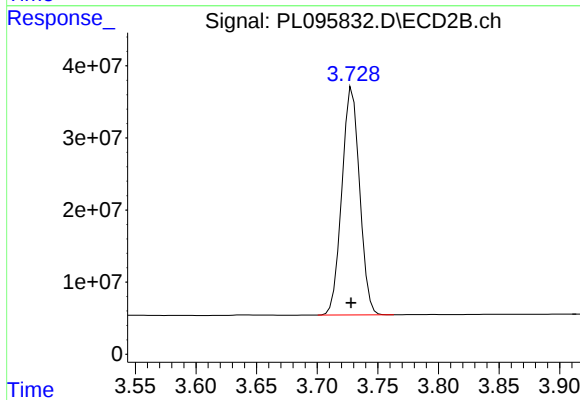
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 235037878
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

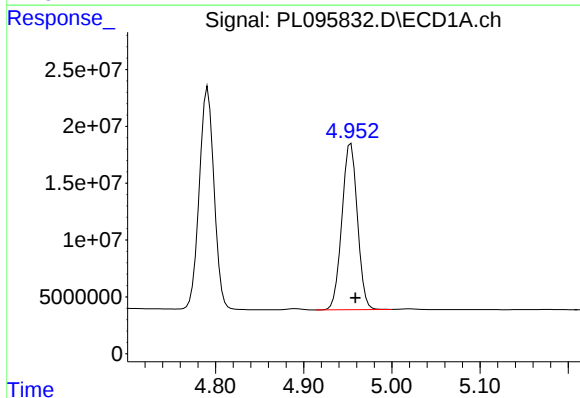
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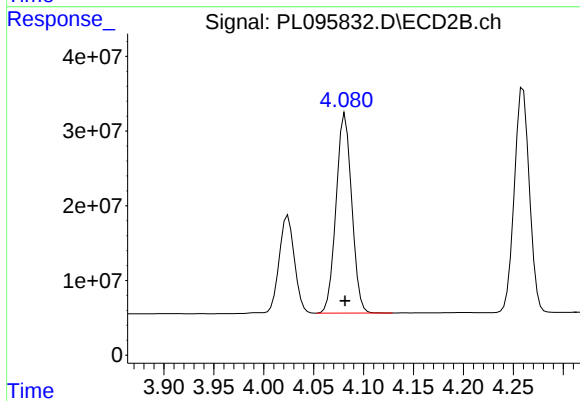
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 321459068
Conc: 57.39 ng/ml



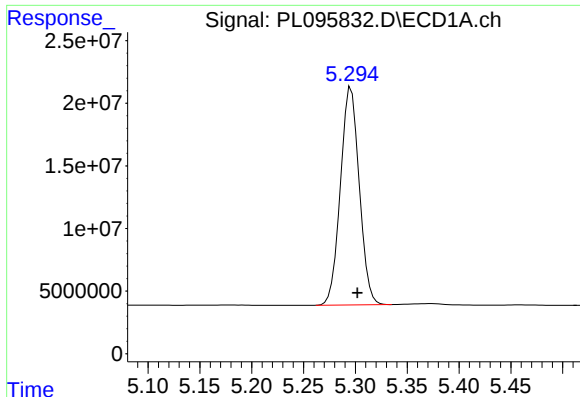
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 178495170
Conc: 47.16 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 291566712
Conc: 51.98 ng/ml



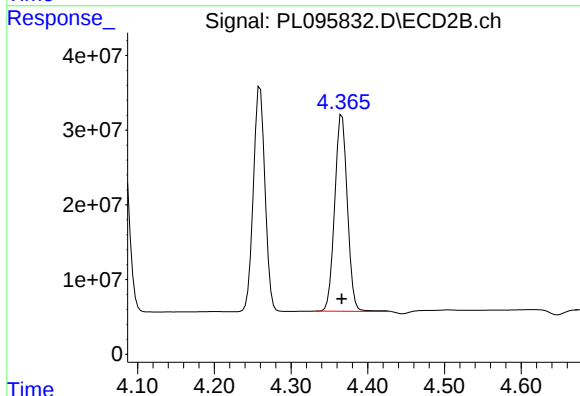
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 219934187
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

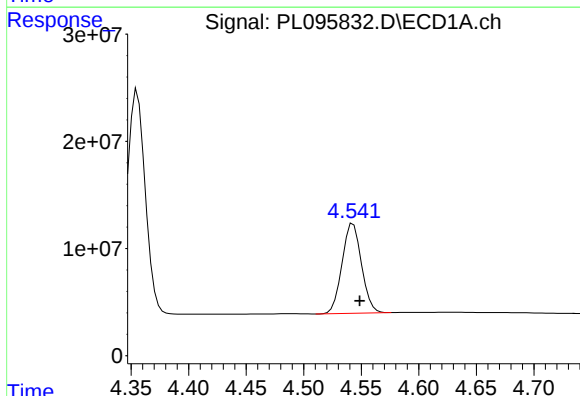
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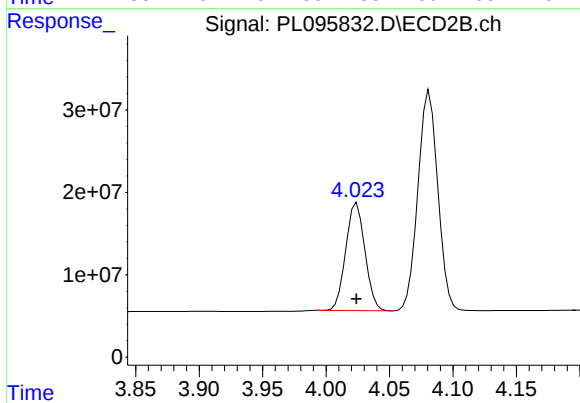
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 301978284
Conc: 56.90 ng/ml



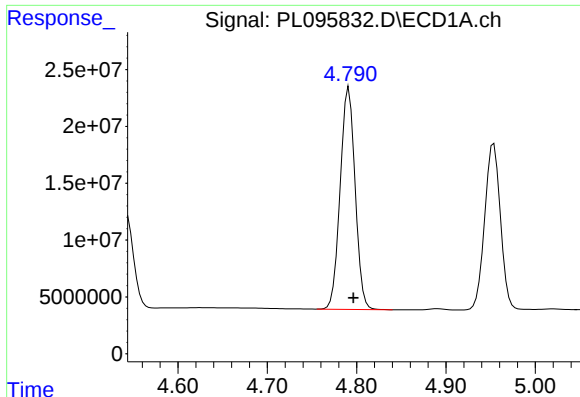
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 98751965
Conc: 50.09 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 137371081
Conc: 55.45 ng/ml



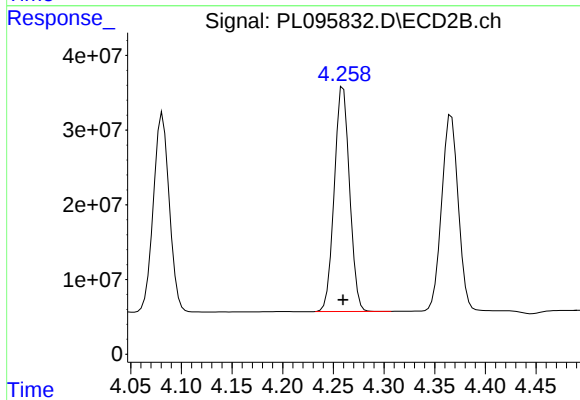
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 226521367
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

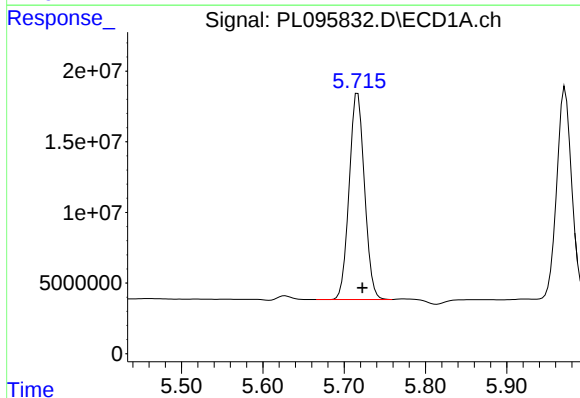
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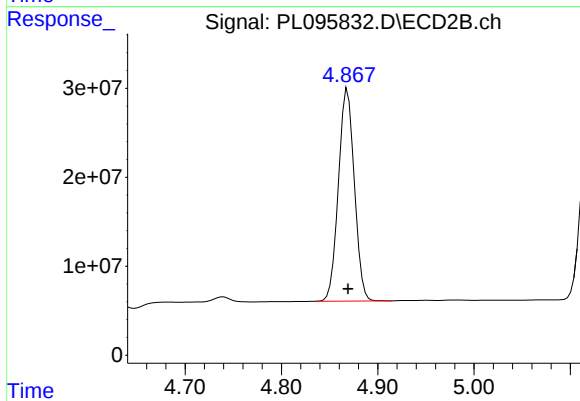
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 316954433
Conc: 56.12 ng/ml



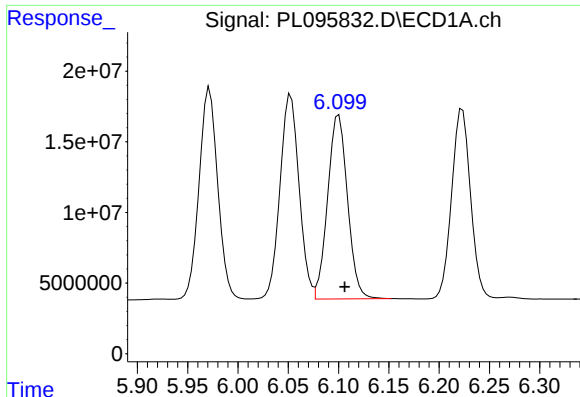
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 190517785
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 273912175
Conc: 55.48 ng/ml



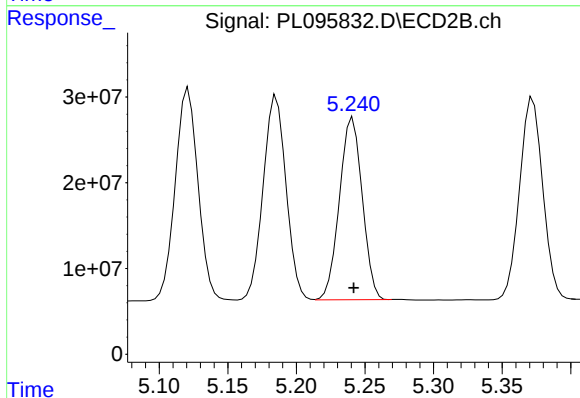
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 179028092
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

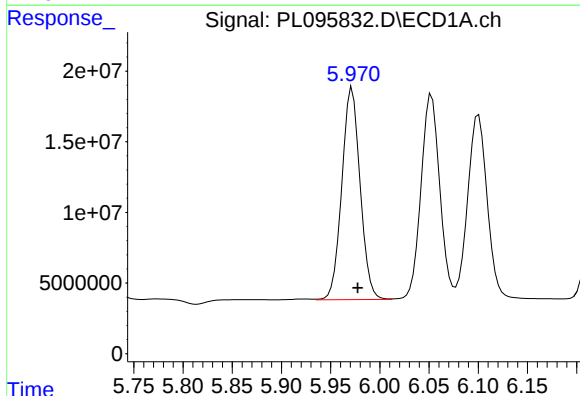
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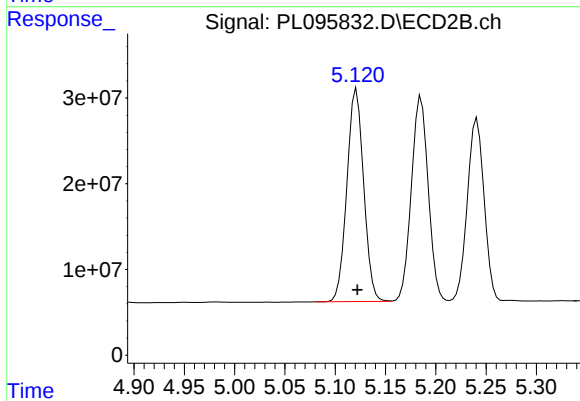
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 246445823
Conc: 51.72 ng/ml



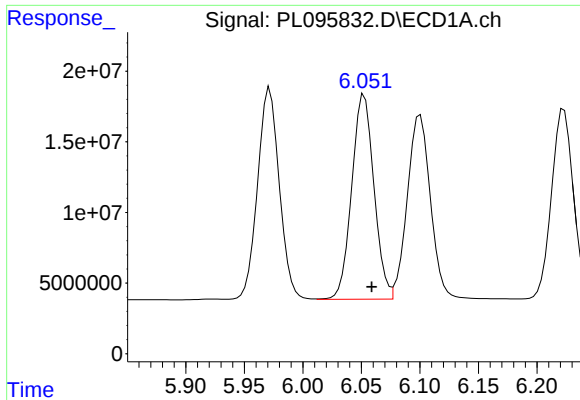
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 194168586
Conc: 49.89 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 287143966
Conc: 54.67 ng/ml



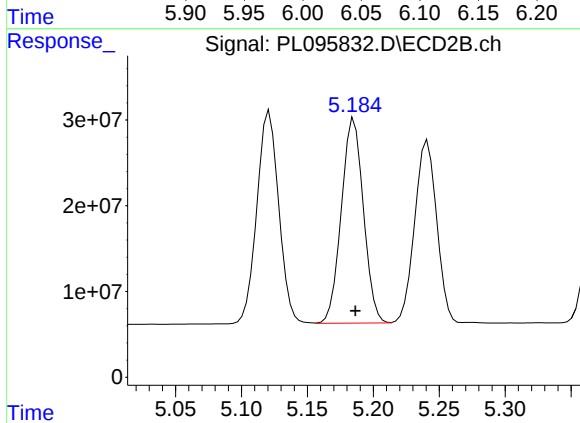
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 191750060
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

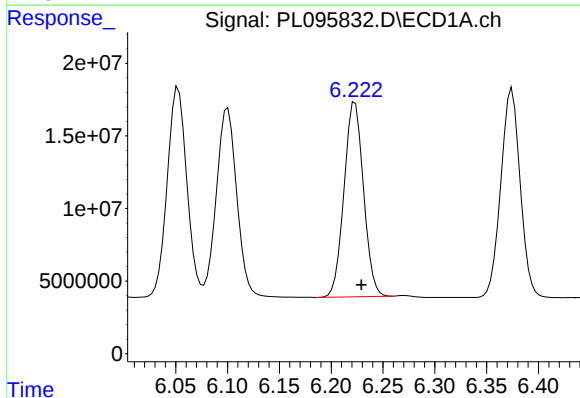
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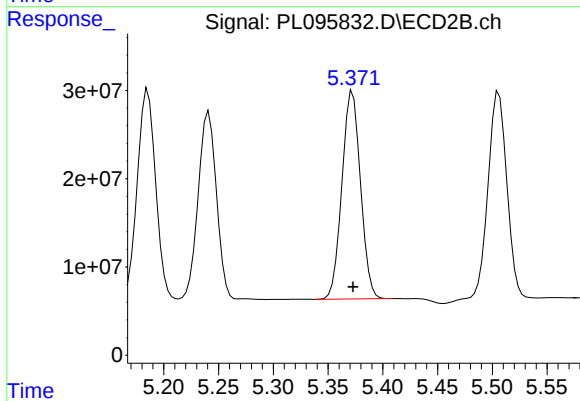
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 278442939
Conc: 53.52 ng/ml



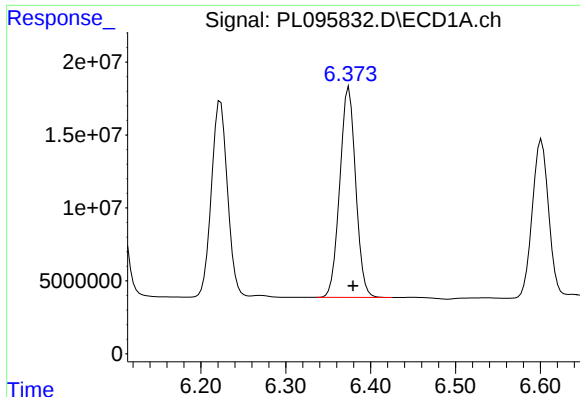
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 175138450
Conc: 47.75 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 277951822
Conc: 51.84 ng/ml m



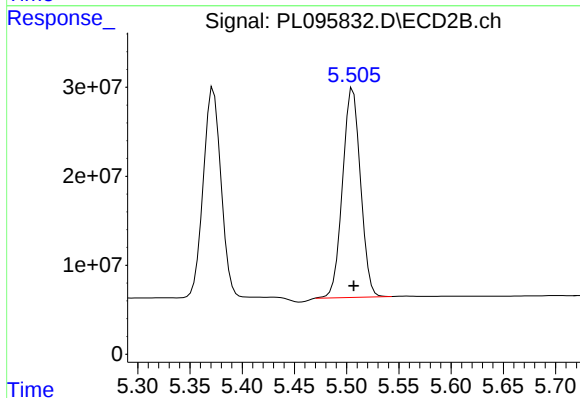
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: -0.005 min
Response: 187237665
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

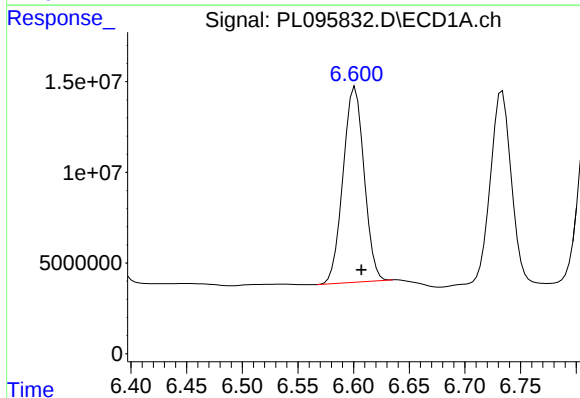
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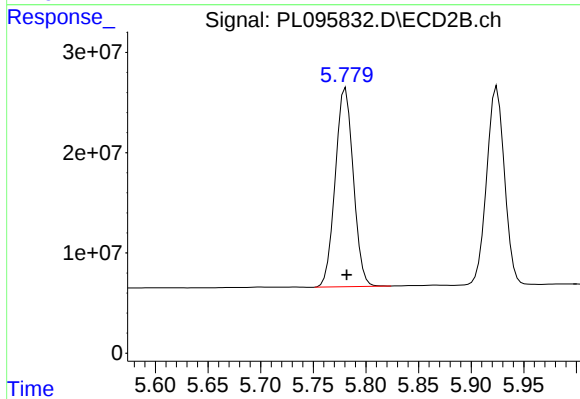
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 281111498
Conc: 53.04 ng/ml



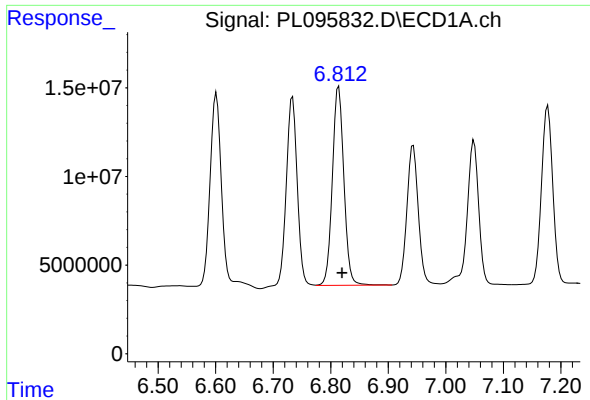
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 141970946
Conc: 44.00 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 236891932
Conc: 48.58 ng/ml



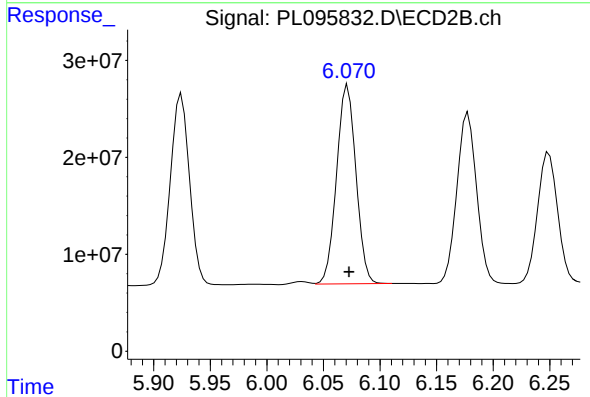
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 155738465
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

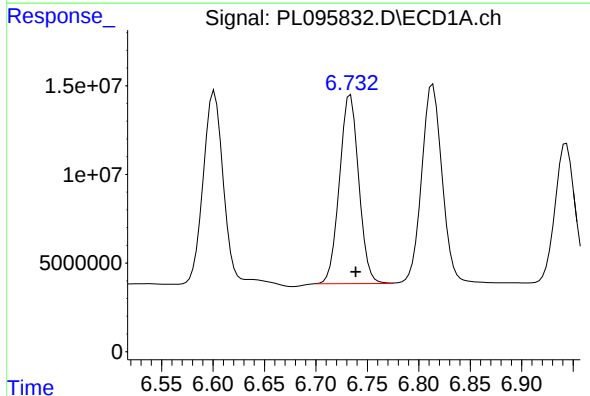
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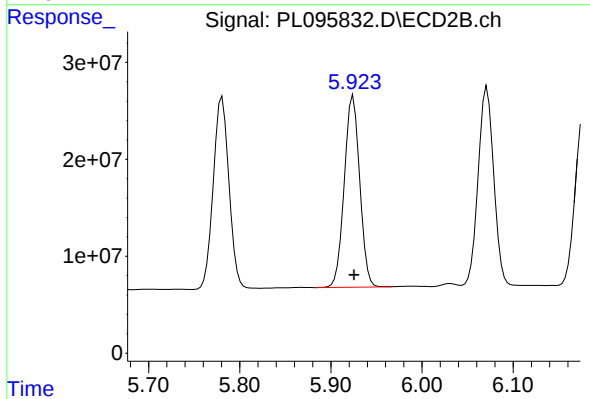
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 244391349
Conc: 51.43 ng/ml



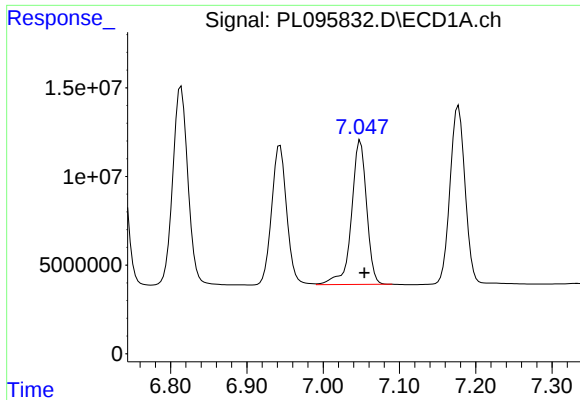
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 139078262
Conc: 47.46 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 232830901
Conc: 53.10 ng/ml



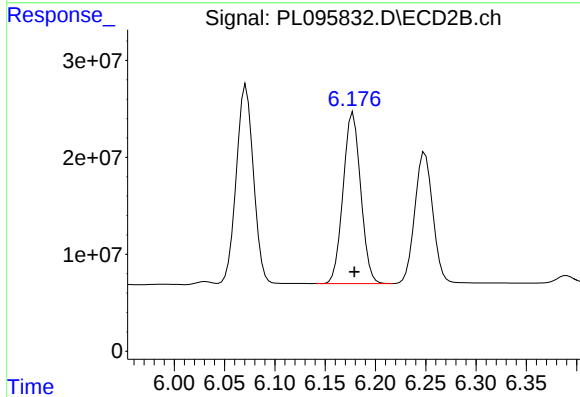
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 112318575
Conc: 41.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

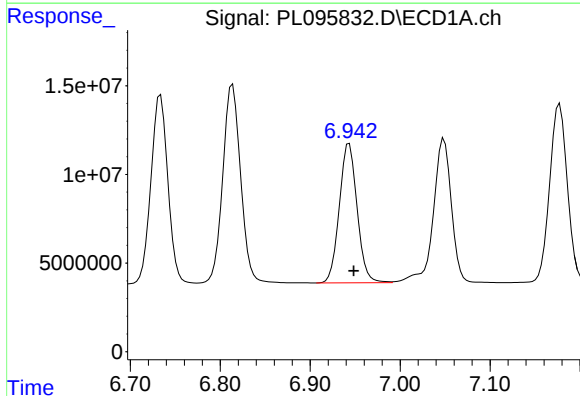
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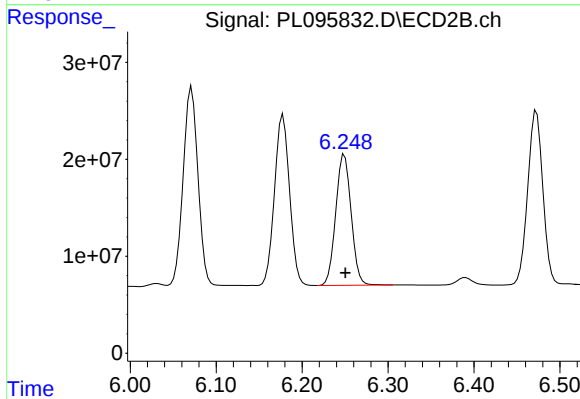
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 213839625
Conc: 44.71 ng/ml



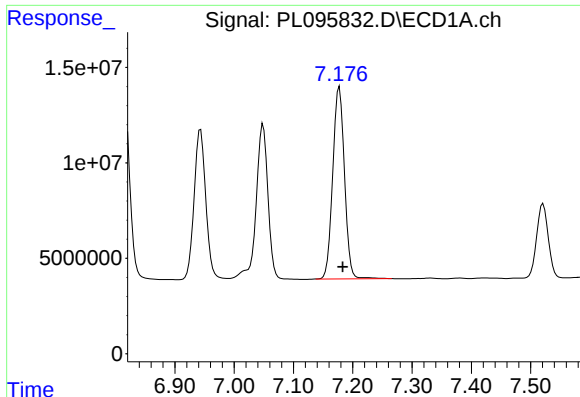
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 107991597
Conc: 44.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 167652366
Conc: 48.53 ng/ml



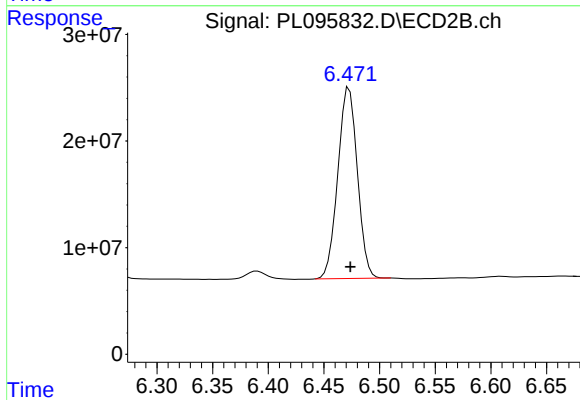
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 138274234
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

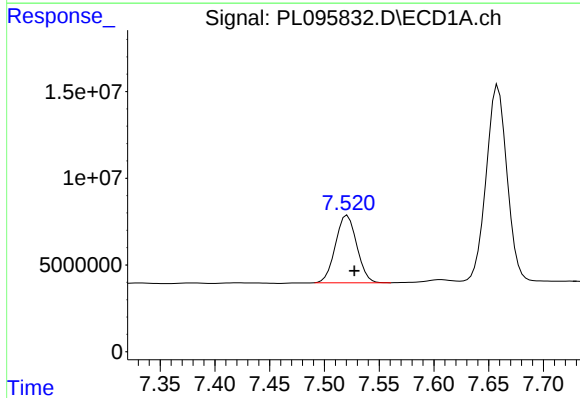
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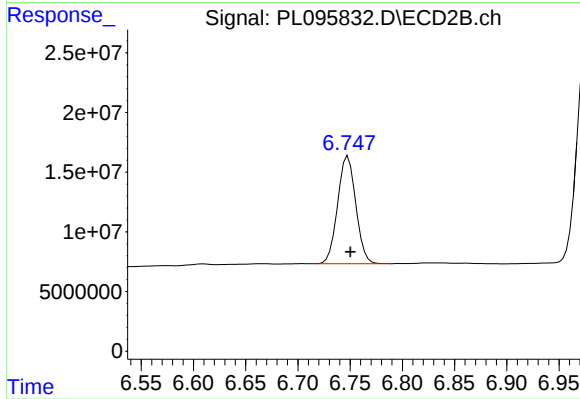
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 219243250
Conc: 48.78 ng/ml



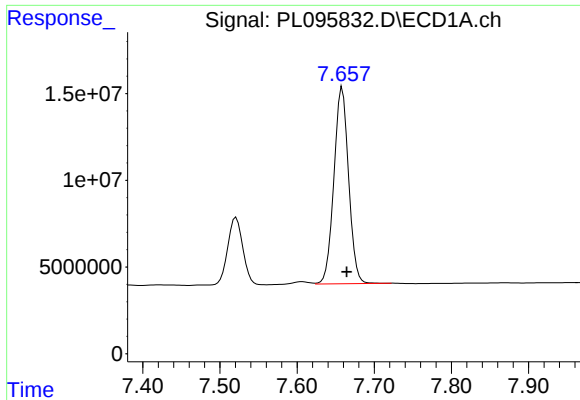
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.006 min
Response: 52654924
Conc: 41.29 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 108943417
Conc: 41.64 ng/ml



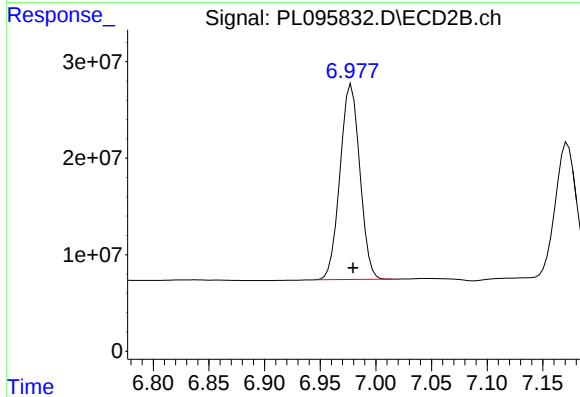
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.006 min
Response: 150017666
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

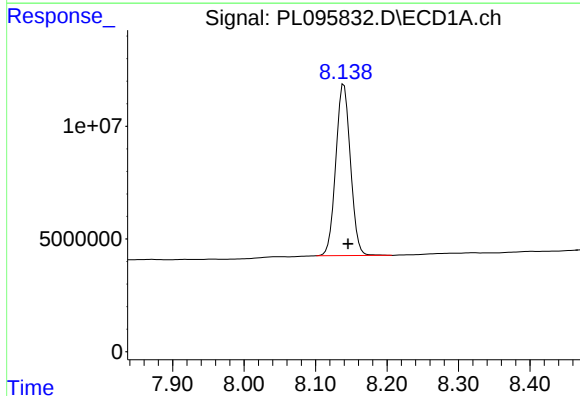
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



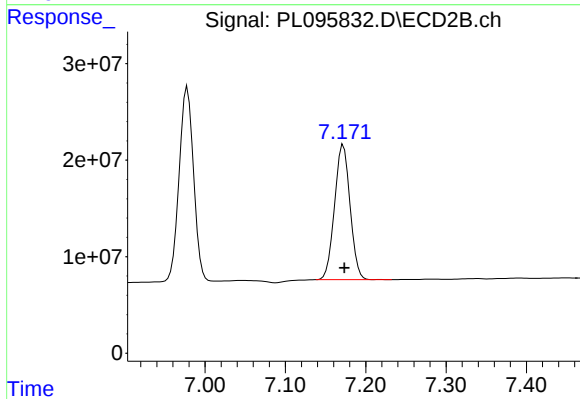
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 250437027
Conc: 48.40 ng/ml



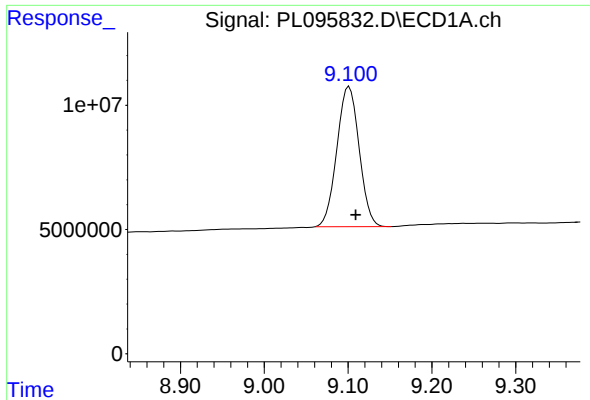
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 108110856
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 188028881
Conc: 46.31 ng/ml



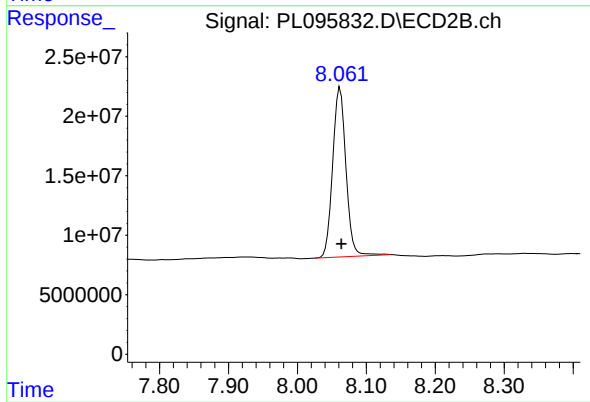
#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 104303408
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 190673043
Conc: 43.59 ng/ml