

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060225\
 Data File : PL095876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 17:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 21:54:19 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	2.886	161.7E6	204.9E6	51.234	52.352
28) SA Decachlor...	9.100	8.061	111.2E6	205.2E6	47.185	46.920
Target Compounds						
2) A alpha-BHC	4.024	3.395	249.3E6	315.4E6	51.417	53.846
3) MA gamma-BHC...	4.355	3.729	228.8E6	297.3E6	51.154	53.080
4) MA Heptachlor	4.954	4.081	186.7E6	284.9E6	49.318	50.791
5) MB Aldrin	5.296	4.366	219.0E6	281.6E6	51.195	53.067
6) B beta-BHC	4.543	4.024	100.2E6	130.6E6	50.823	52.723
7) B delta-BHC	4.791	4.260	225.8E6	298.8E6	50.932	52.911
8) B Heptachlo...	5.717	4.868	193.4E6	256.5E6	50.673	51.944
9) A Endosulfan I	6.100	5.240	183.5E6	243.1E6	50.075	51.025
10) B gamma-Chl...	5.971	5.121	195.3E6	272.4E6	50.180	51.859
11) B alpha-Chl...	6.053	5.185	196.7E6	267.8E6	49.821	51.475
12) B 4,4'-DDE	6.223	5.372	184.1E6	268.8E6	50.183	50.134
13) MA Dieldrin	6.373	5.505	194.7E6	267.7E6	50.451	50.508
14) MA Endrin	6.601	5.779	152.7E6	235.4E6	47.312	48.268m
15) B Endosulfa...	6.814	6.071	156.5E6	236.4E6	45.415	49.760
16) A 4,4'-DDD	6.733	5.924	147.3E6	227.1E6	50.273	51.800
17) MA 4,4'-DDT	7.048	6.178	125.0E6	217.5E6	46.194	45.469
18) B Endrin al...	6.943	6.249	117.8E6	171.5E6	48.718	49.663
19) B Endosulfa...	7.176	6.473	142.9E6	221.8E6	47.840	49.341
20) A Methoxychlor	7.521	6.749	59315104	114.5E6	46.510	43.767
21) B Endrin ke...	7.658	6.978	154.9E6	254.5E6	48.909	49.183
22) Mirex	8.139	7.172	113.8E6	196.1E6	49.163	48.299

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060225\
Data File : PL095876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 17:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

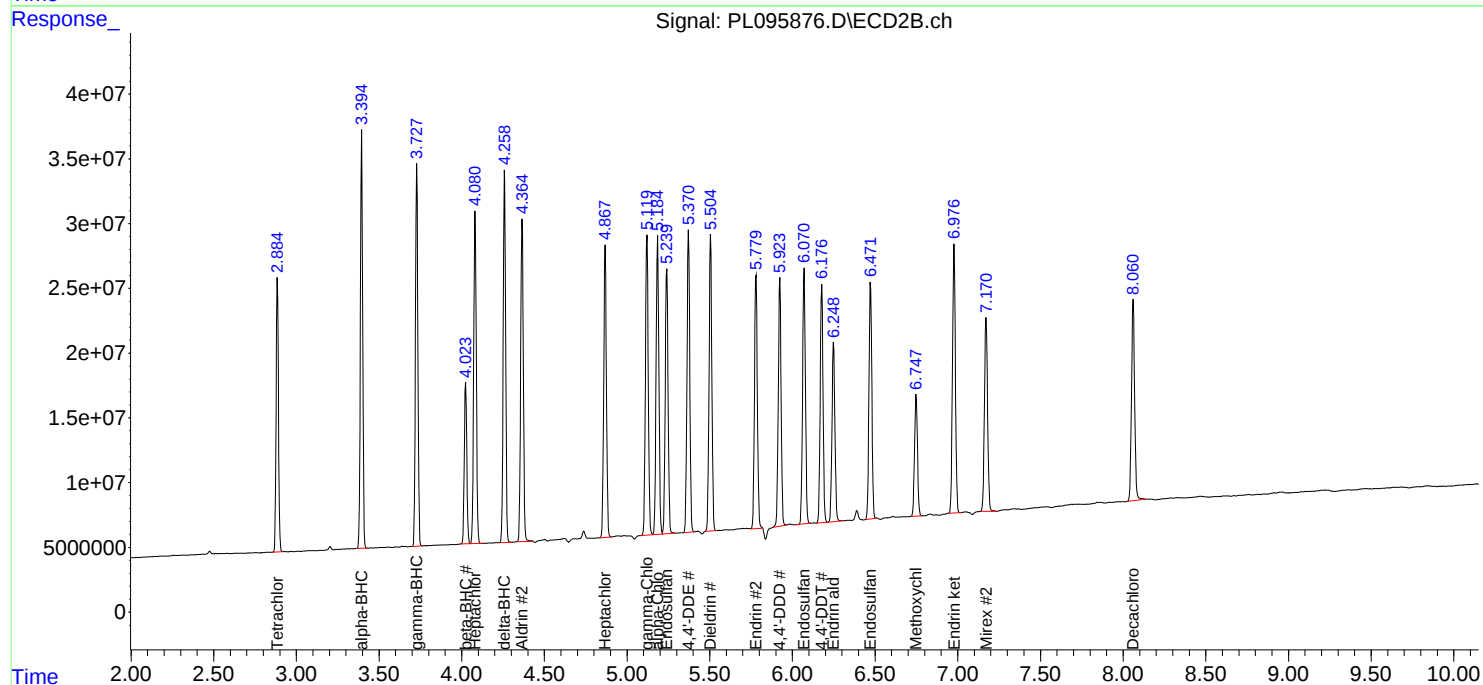
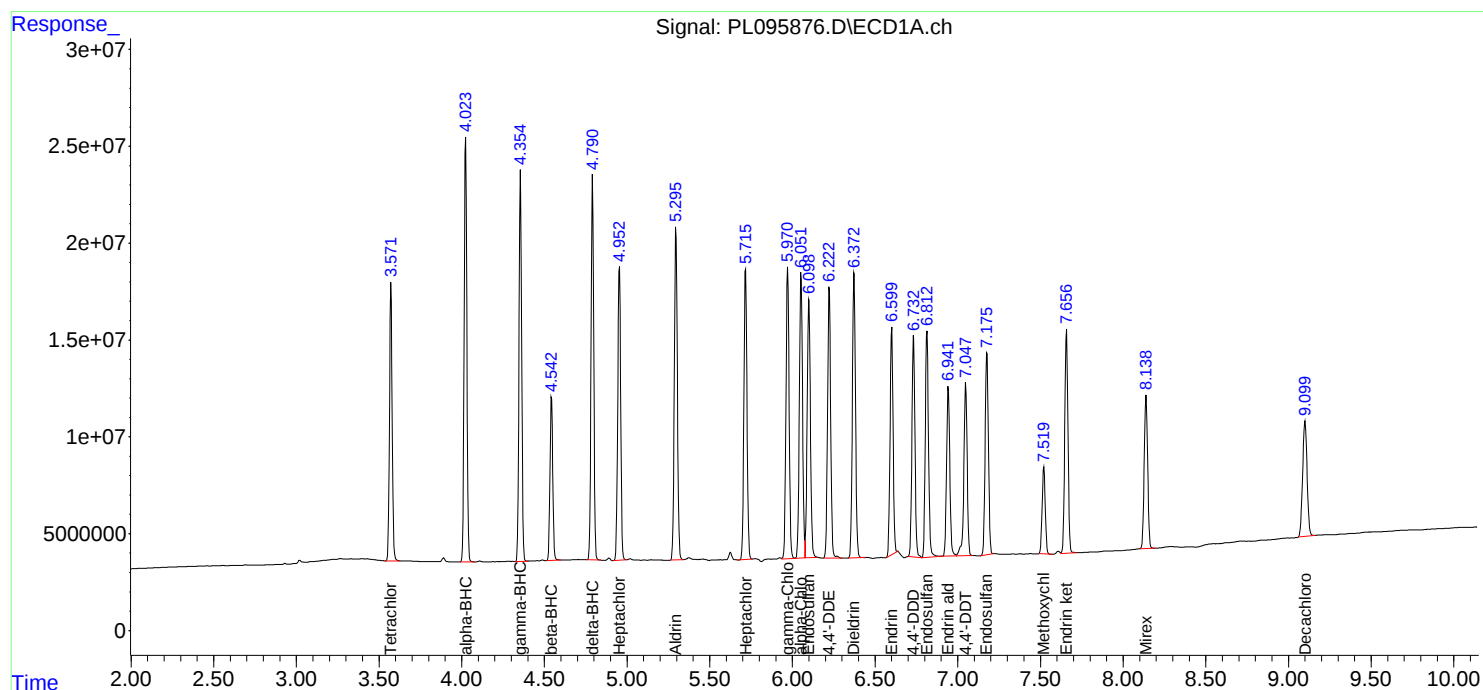
APPROVED

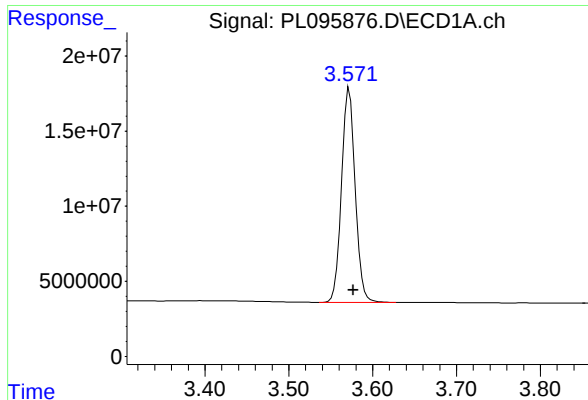
Reviewed By :Abdul Mirza 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 21:54:19 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





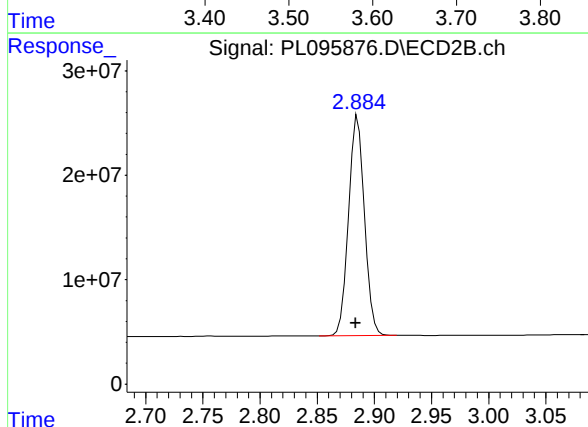
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 161656971
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

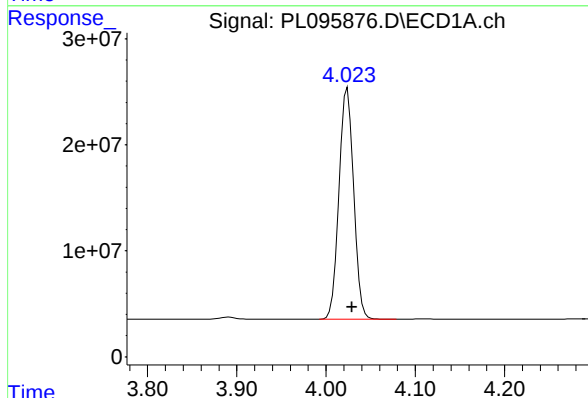
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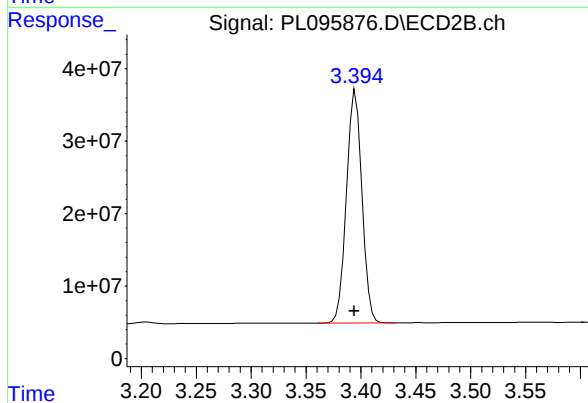
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 204901477
Conc: 52.35 ng/ml



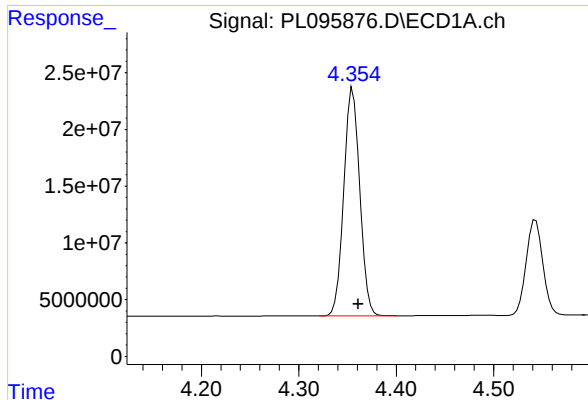
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 249263525
Conc: 51.42 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 315396090
Conc: 53.85 ng/ml



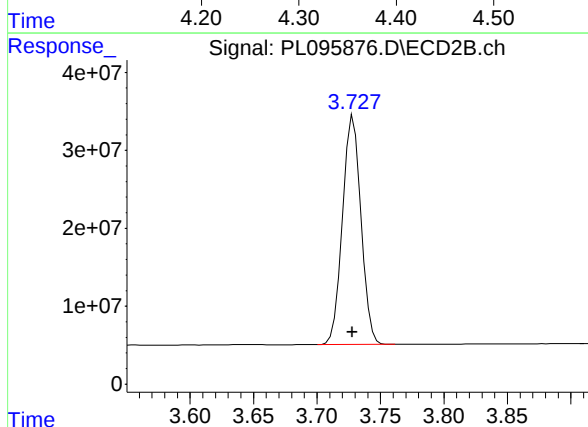
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 228754838
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

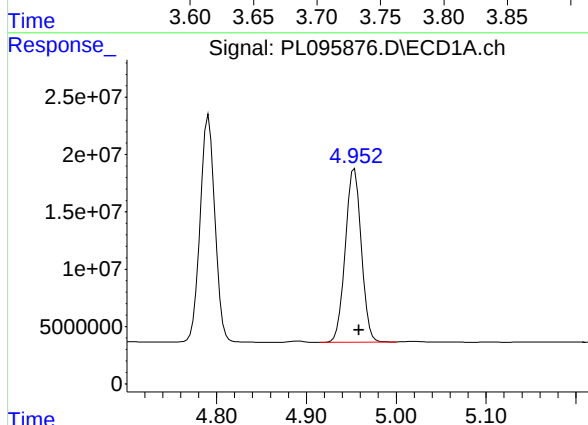
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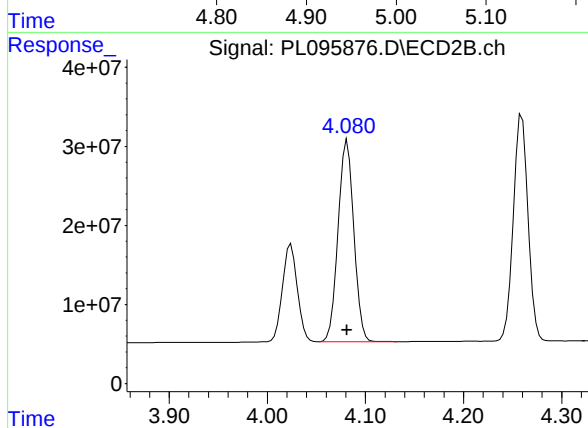
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 297312114
Conc: 53.08 ng/ml



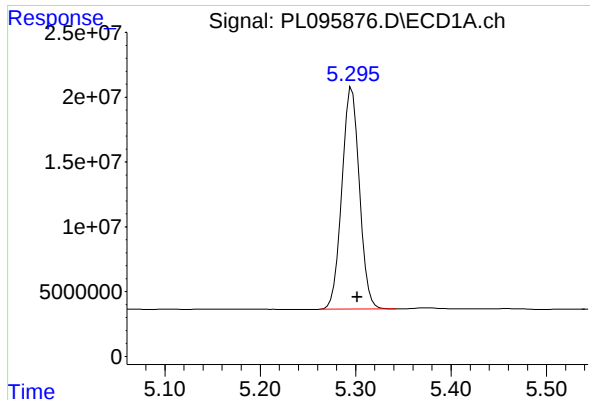
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 186671349
Conc: 49.32 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 284887859
Conc: 50.79 ng/ml



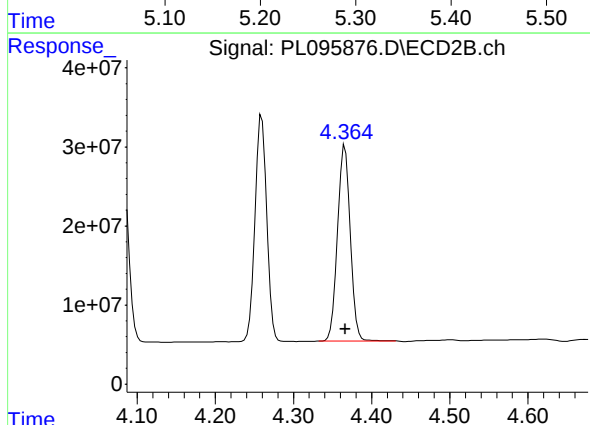
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 218999914
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

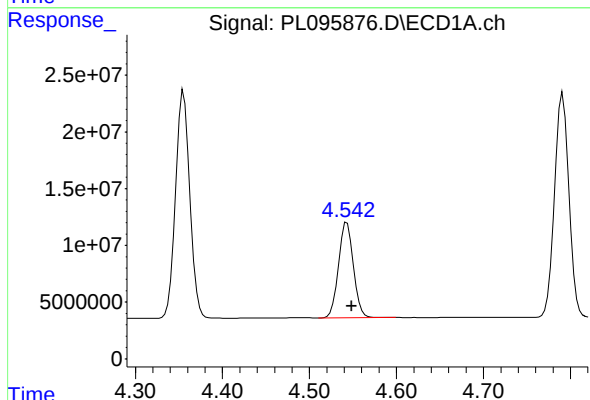
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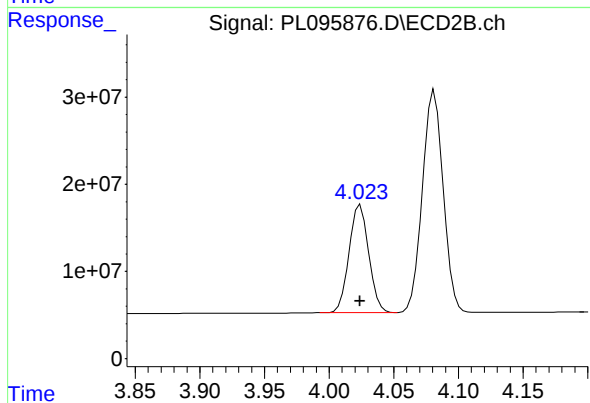
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 281633599
Conc: 53.07 ng/ml



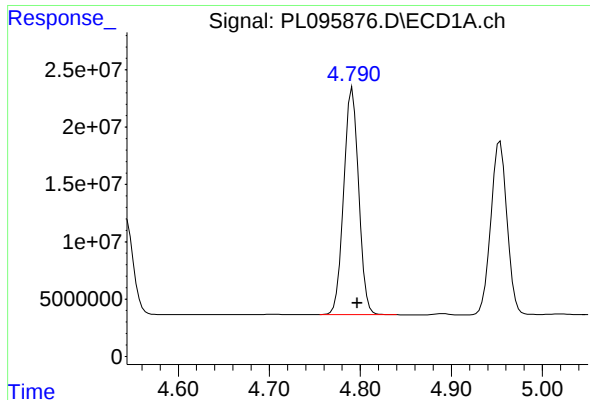
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 100191417
Conc: 50.82 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 130624480
Conc: 52.72 ng/ml



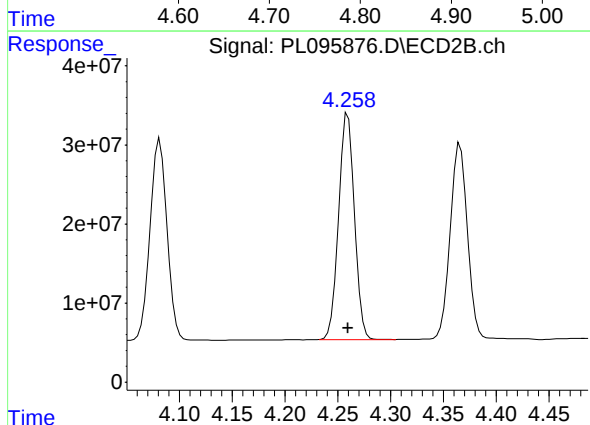
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 225814695
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

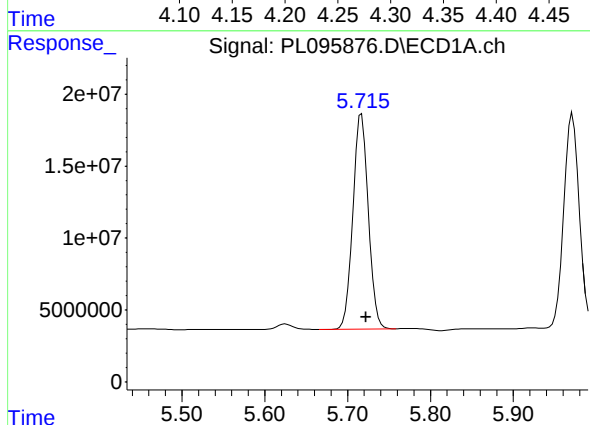
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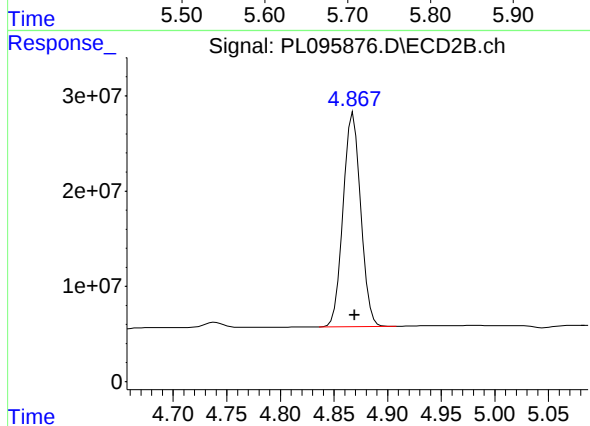
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 298805093
Conc: 52.91 ng/ml



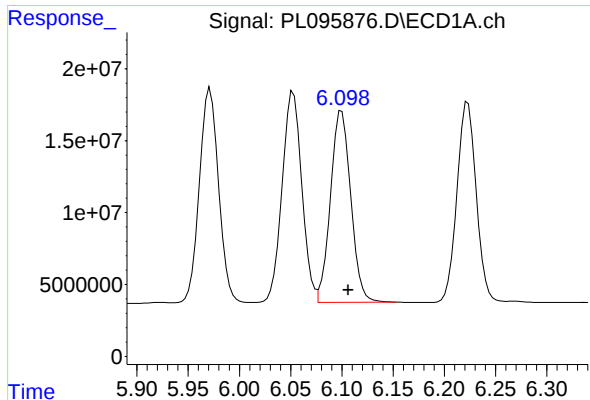
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 193410260
Conc: 50.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 256472048
Conc: 51.94 ng/ml



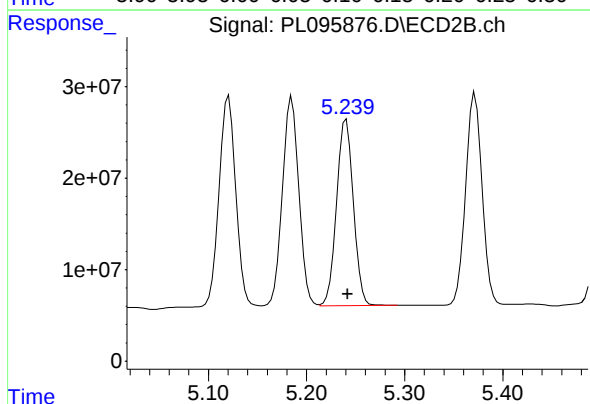
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 183517270
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

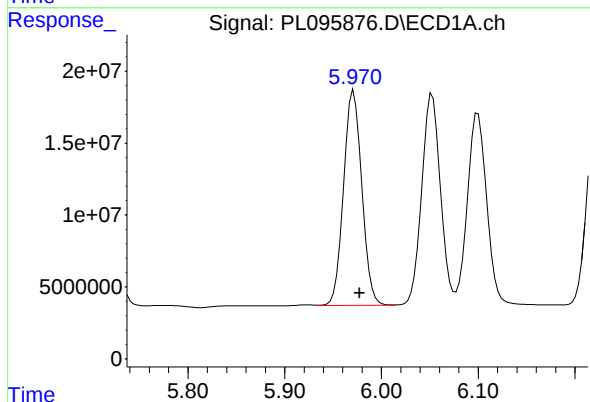
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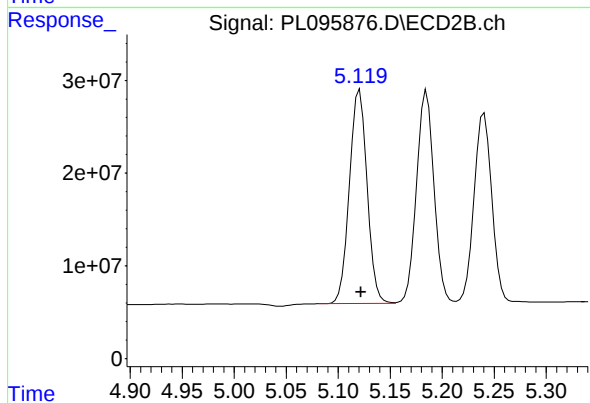
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 243132616
Conc: 51.02 ng/ml



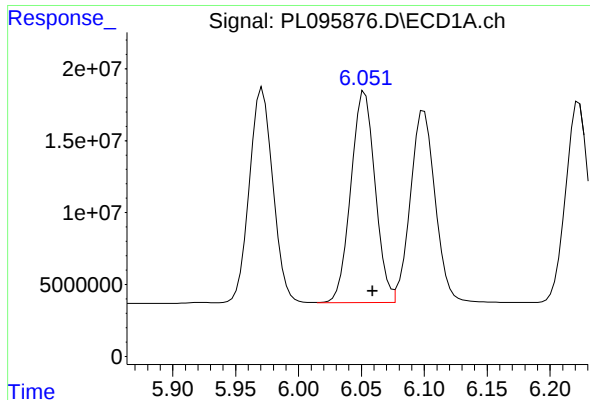
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 195304495
Conc: 50.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 272400079
Conc: 51.86 ng/ml



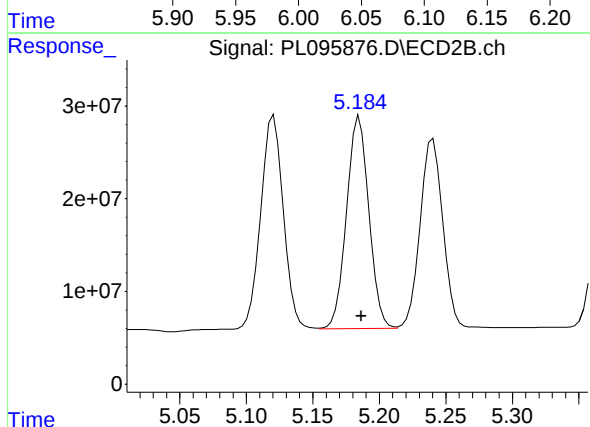
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 196700278
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

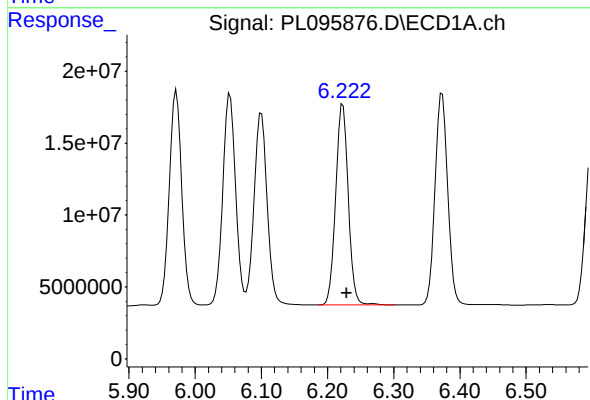
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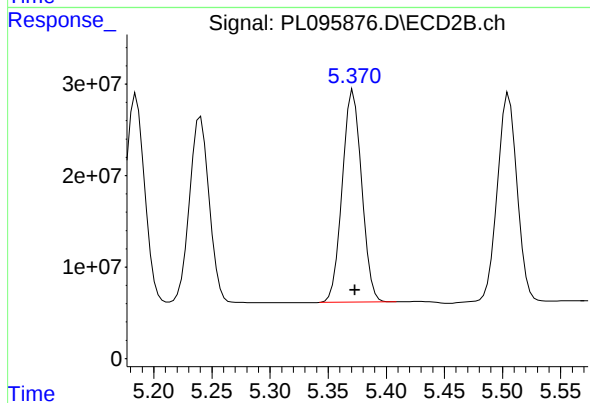
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 267811884
Conc: 51.47 ng/ml



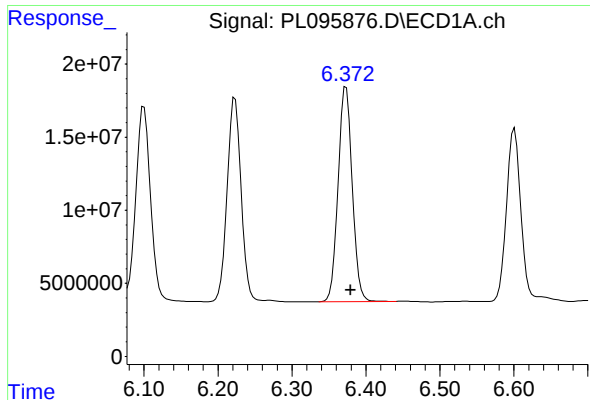
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 184065543
Conc: 50.18 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 268824079
Conc: 50.13 ng/ml



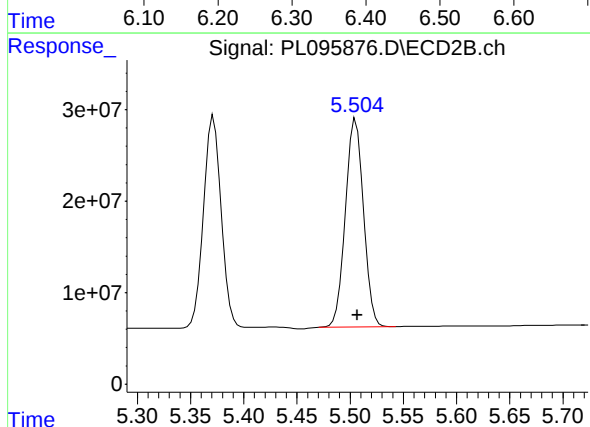
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 194699535
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

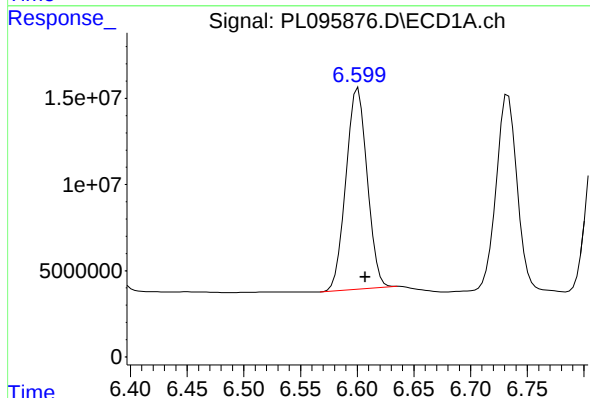
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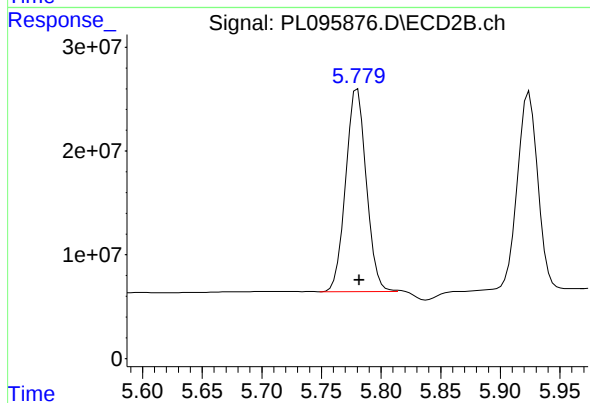
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 267695889
Conc: 50.51 ng/ml



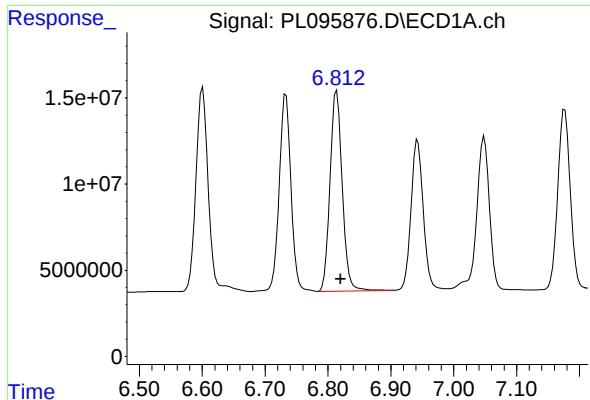
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 152664103
Conc: 47.31 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 235361830
Conc: 48.27 ng/ml m



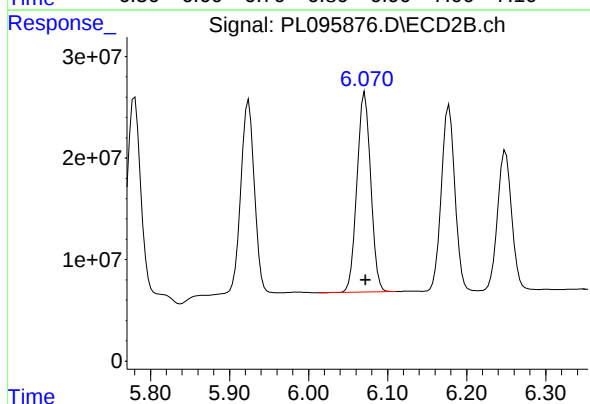
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 156503531
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

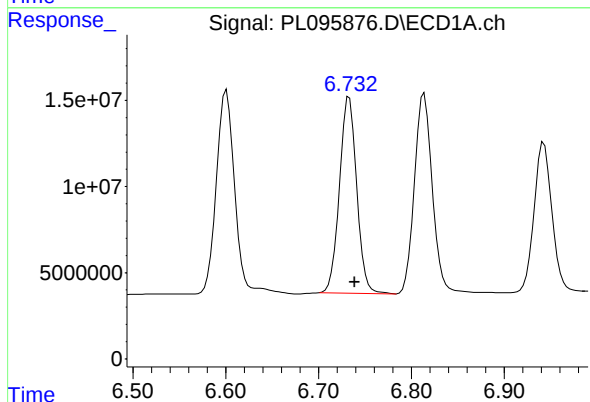
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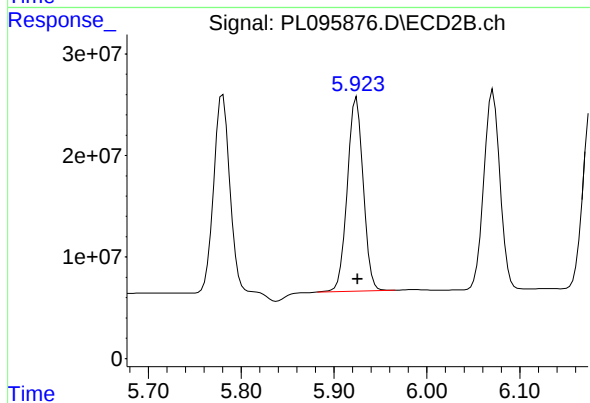
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 236448280
Conc: 49.76 ng/ml



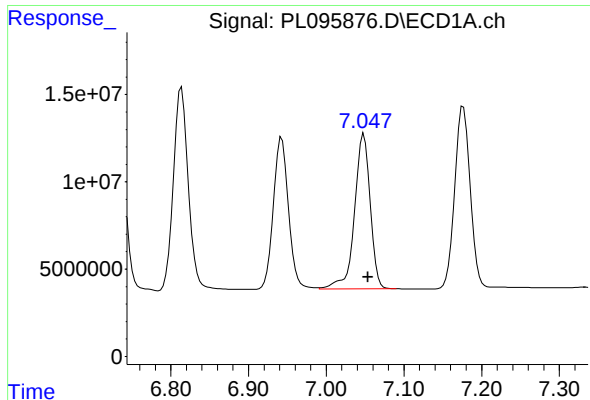
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 147330974
Conc: 50.27 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 227139273
Conc: 51.80 ng/ml



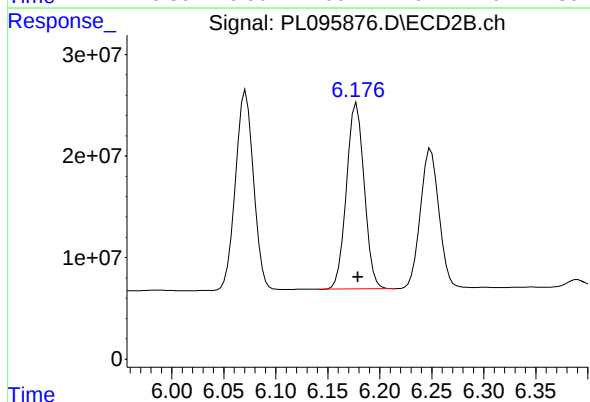
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 124962270
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

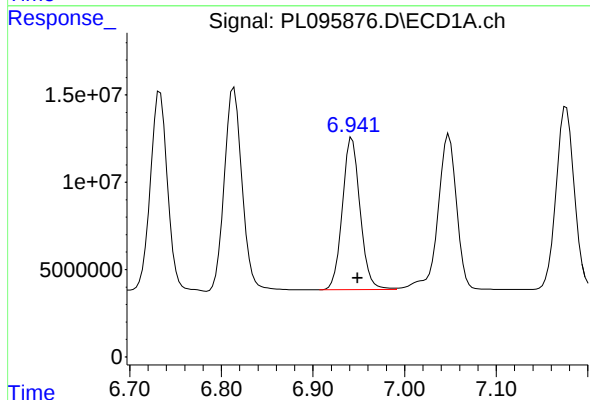
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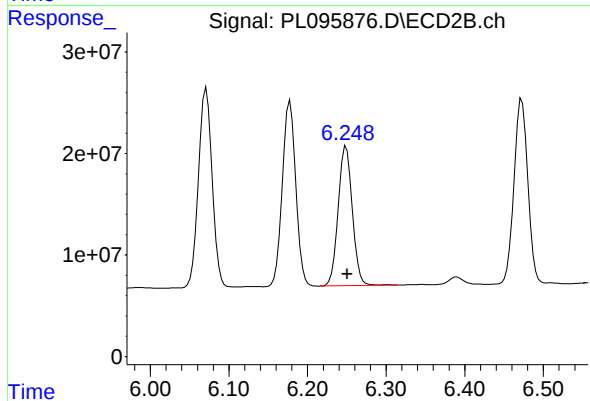
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 217460803
Conc: 45.47 ng/ml



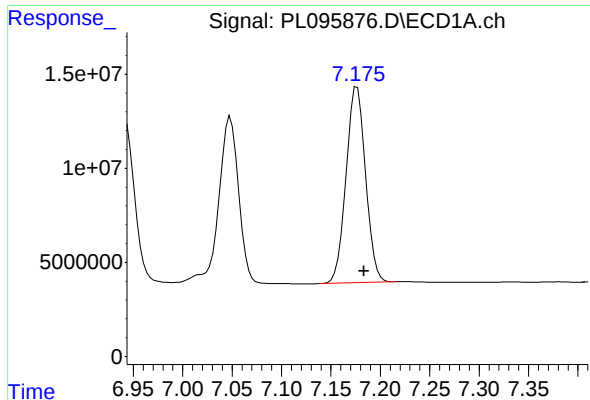
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 117781341
Conc: 48.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 171549317
Conc: 49.66 ng/ml



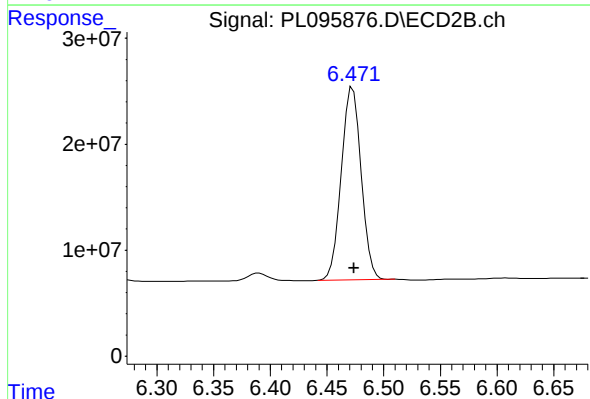
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 142893307
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

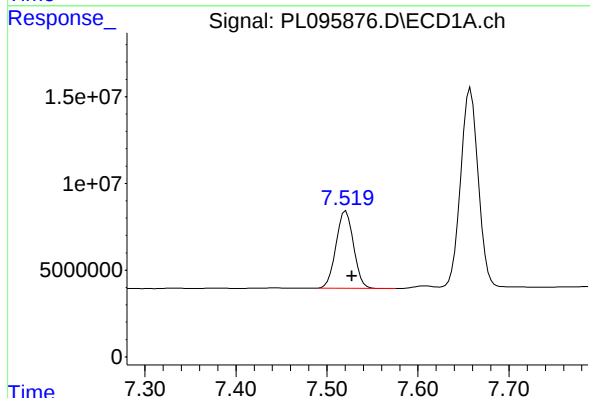
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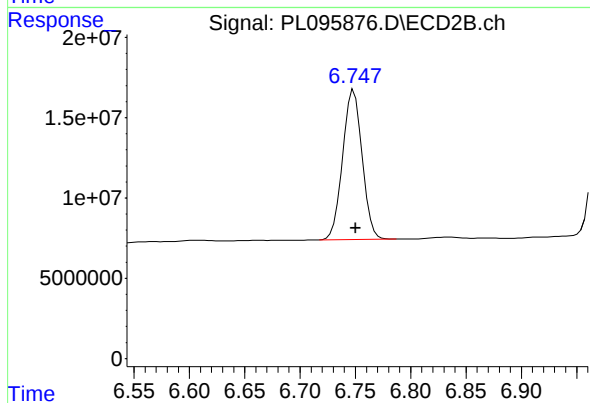
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 221777098
Conc: 49.34 ng/ml



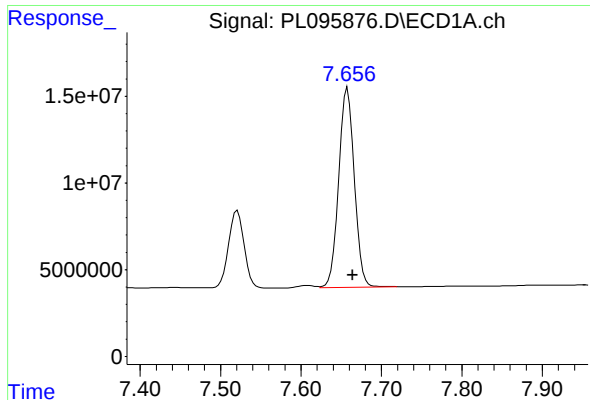
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.007 min
Response: 59315104
Conc: 46.51 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 114499155
Conc: 43.77 ng/ml



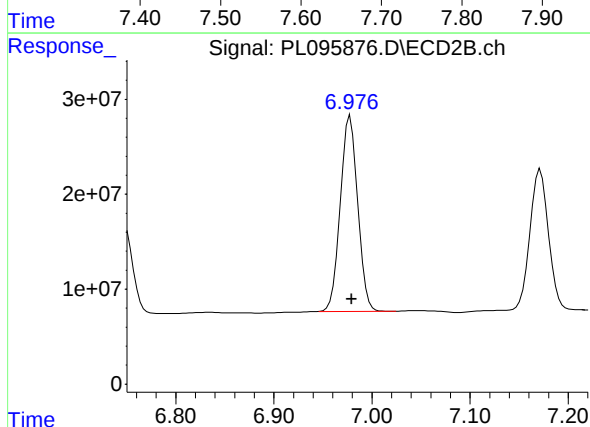
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 154891353
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

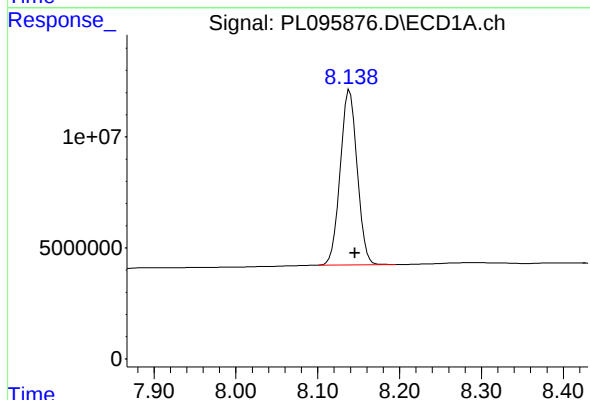
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



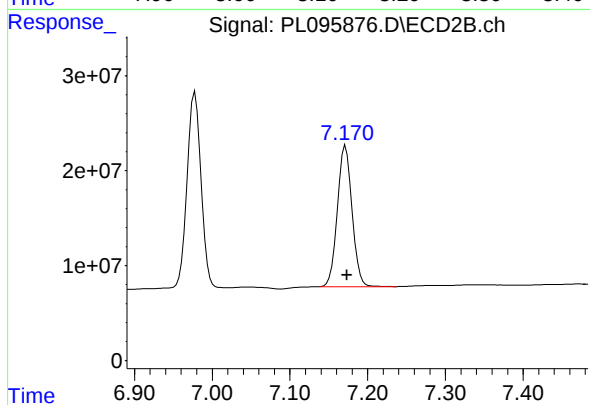
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 254465609
Conc: 49.18 ng/ml



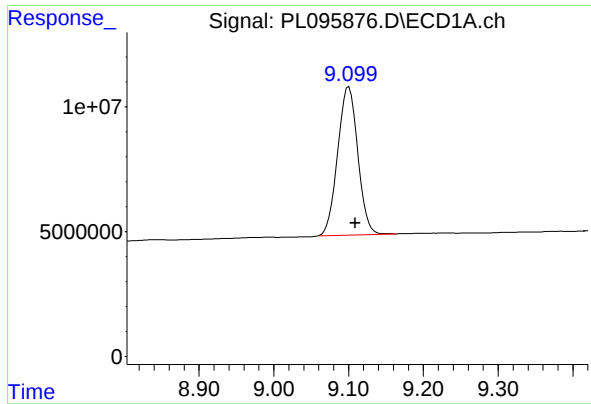
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.006 min
Response: 113751608
Conc: 49.16 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 196119894
Conc: 48.30 ng/ml



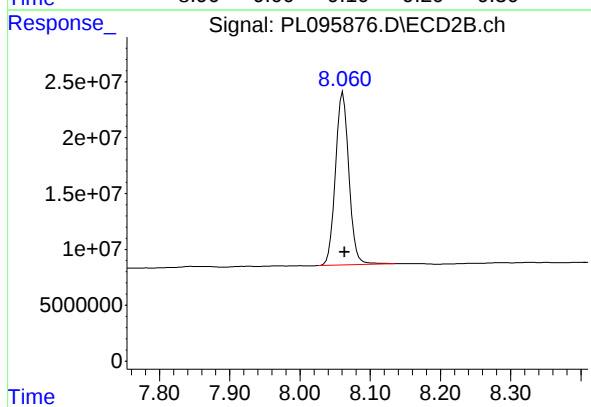
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 111183009
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 205248320
Conc: 46.92 ng/ml