

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 12:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:40:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.912	138.3E6	160.9E6	42.359	50.589
28)	SA Decachlor...	9.119	8.090	120.3E6	135.1E6	43.407	45.643
Target Compounds							
2)	A alpha-BHC	4.046	3.422	210.1E6	246.3E6	42.415	55.356 #
3)	MA gamma-BHC...	4.376	3.755	203.3E6	235.2E6	42.937m	53.481
4)	MA Heptachlor	4.975	4.109	198.6E6	226.1E6	43.411	51.894
5)	MB Aldrin	5.317	4.393	207.6E6	222.0E6	45.203	53.937m
6)	B beta-BHC	4.563	4.049	88440179	108.0E6	42.776	52.017
7)	B delta-BHC	4.810	4.285	203.4E6	237.8E6	43.735m	54.260
8)	B Heptachlo...	5.736	4.897	188.5E6	203.2E6	47.054m	52.615
9)	A Endosulfan I	6.120	5.270	174.3E6	174.6E6	45.892m	47.692
10)	B gamma-Chl...	5.991	5.149	192.0E6	213.4E6	47.058m	52.660
11)	B alpha-Chl...	6.072	5.214	189.1E6	210.7E6	46.508m	52.925
12)	B 4,4'-DDE	6.241	5.399	174.8E6	207.5E6	44.581m	51.026m
13)	MA Dieldrin	6.394	5.534	177.1E6	221.0E6	45.953	54.344m
14)	MA Endrin	6.620	5.809	148.5E6	202.8E6	46.613m	55.694m
15)	B Endosulfa...	6.832	6.100	158.6E6	186.7E6	49.678m	51.986
16)	A 4,4'-DDD	6.750	5.952	135.7E6	176.7E6	47.933m	54.076
17)	MA 4,4'-DDT	7.065	6.206	131.7E6	182.3E6	46.228m	53.067
18)	B Endrin al...	6.961	6.278	109.3E6	135.9E6	47.105m	52.000
19)	B Endosulfa...	7.195	6.502	133.1E6	170.1E6	47.504	51.269
20)	A Methoxychlor	7.537	6.775	64041679	98447639	45.904	51.613m
21)	B Endrin ke...	7.677	7.007	131.7E6	206.9E6	46.186	58.748m#
22)	Mirex	8.158	7.203	108.6E6	146.0E6	45.703	50.640m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
Data File : PL095562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 12:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

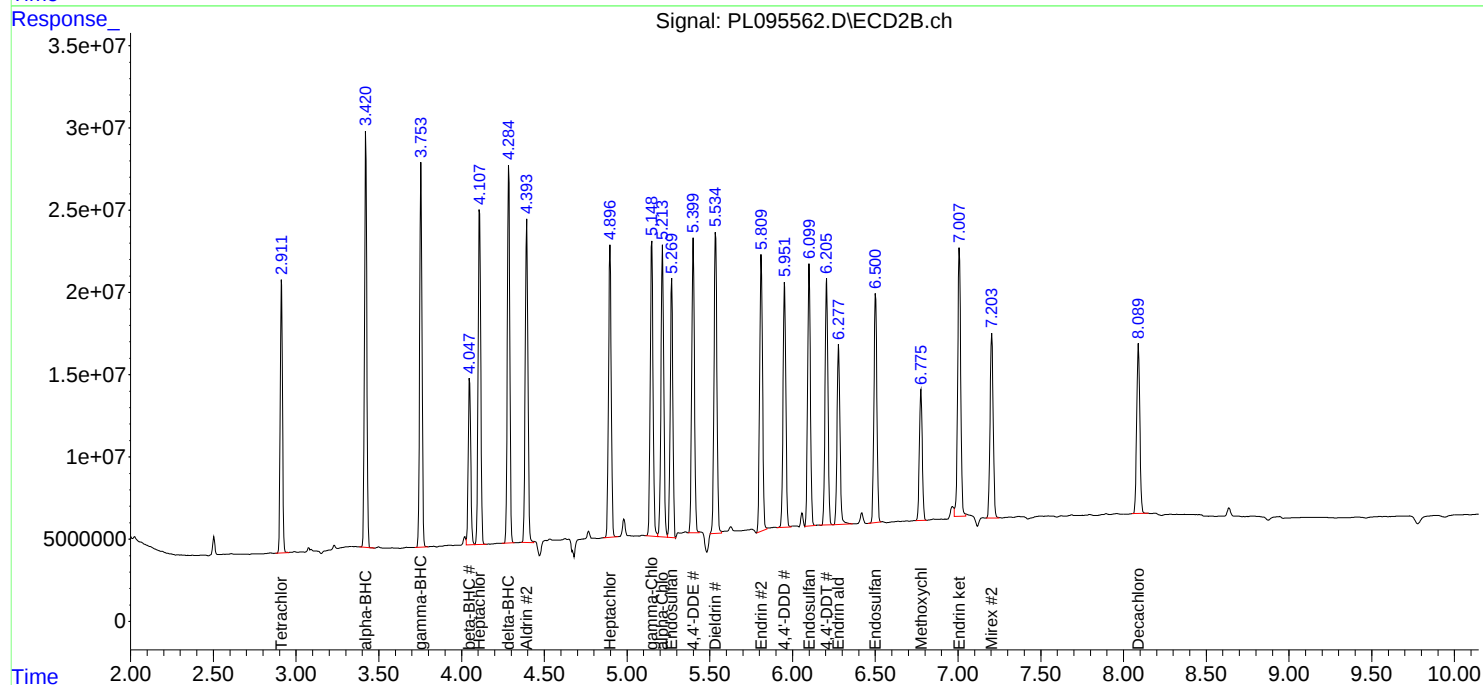
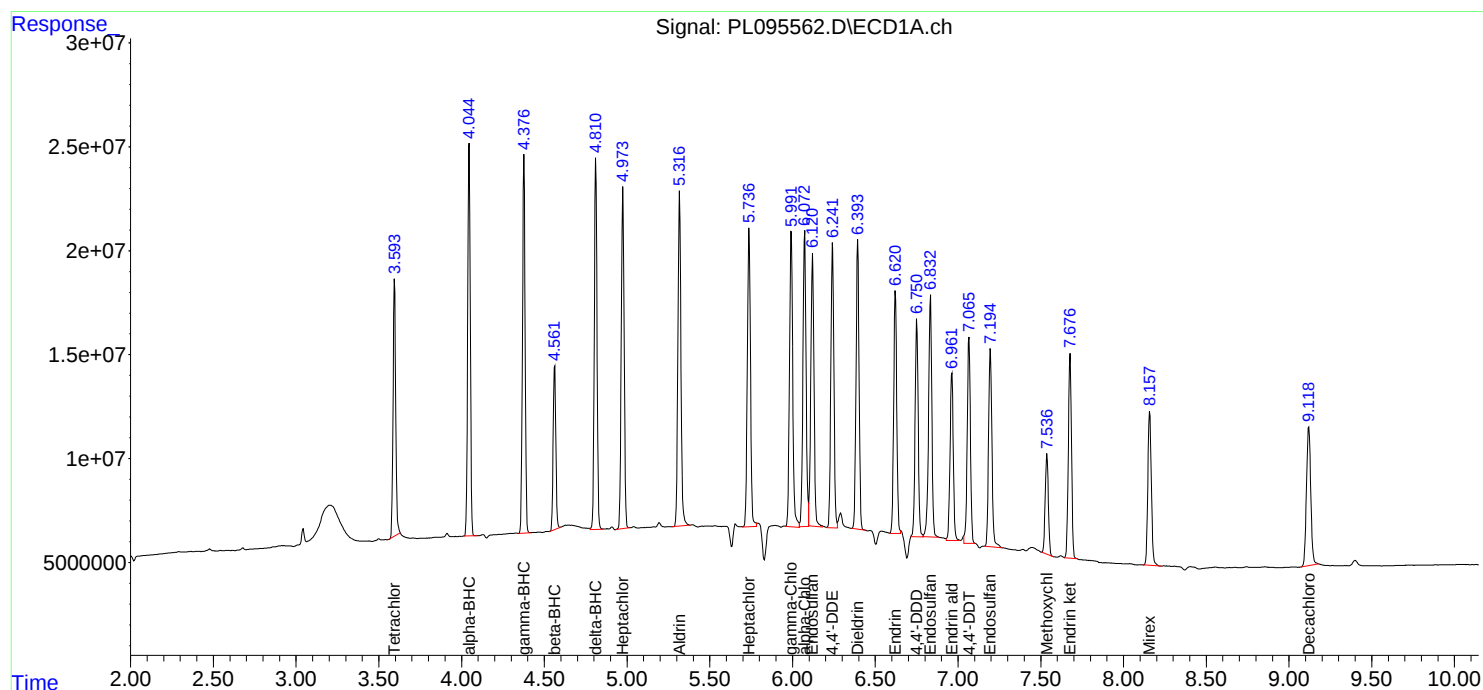
APPROVED

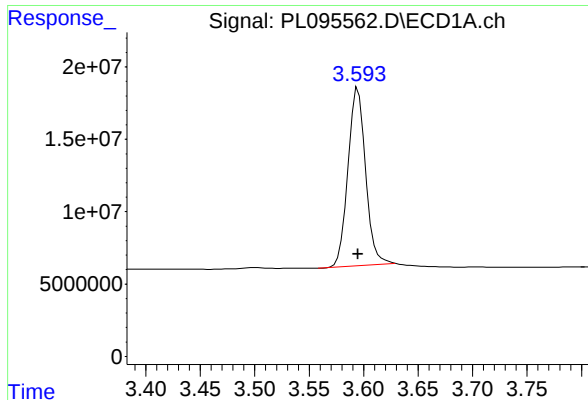
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:40:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





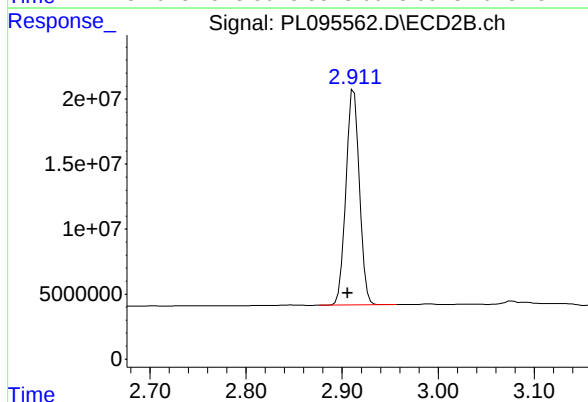
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 138288673
Conc: 42.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

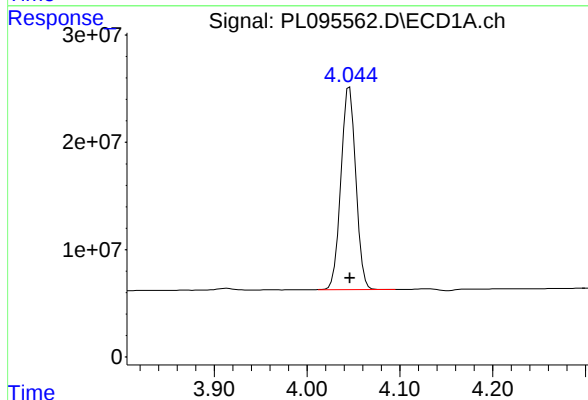
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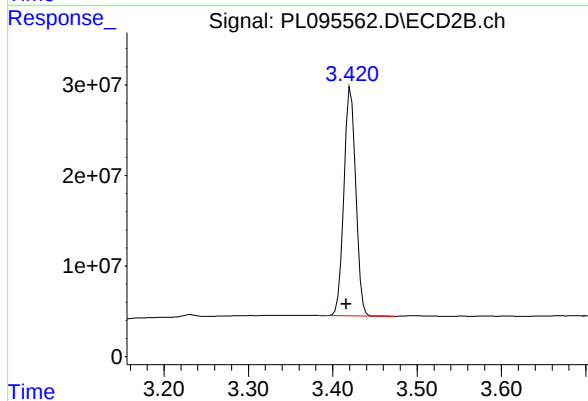
#1 Tetrachloro-m-xylene

R.T.: 2.912 min
Delta R.T.: 0.007 min
Response: 160860394
Conc: 50.59 ng/ml



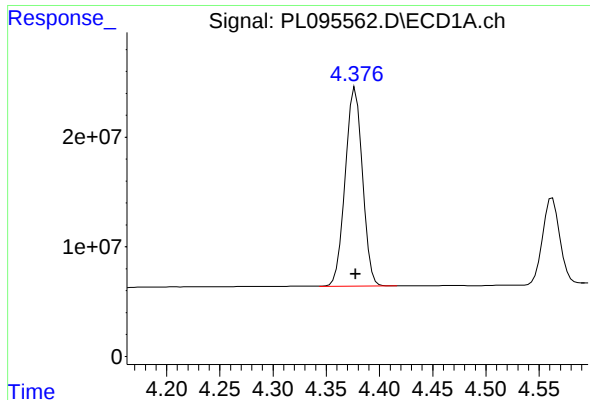
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 210115609
Conc: 42.42 ng/ml



#2 alpha-BHC

R.T.: 3.422 min
Delta R.T.: 0.005 min
Response: 246264353
Conc: 55.36 ng/ml



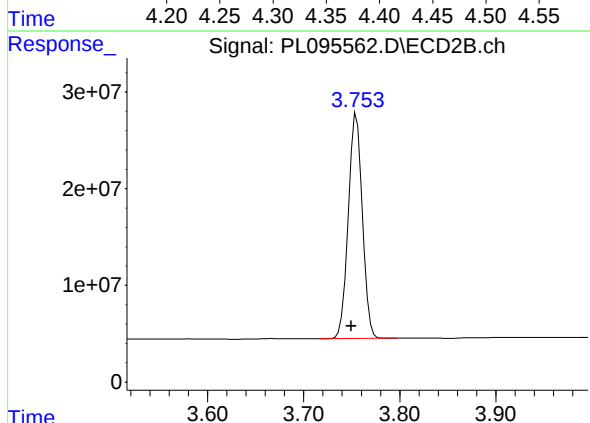
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 203262657
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

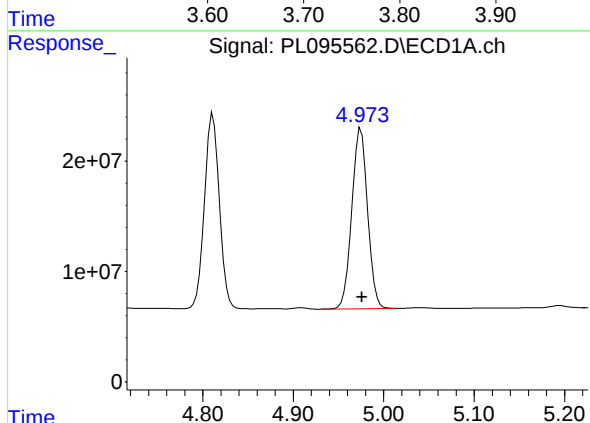
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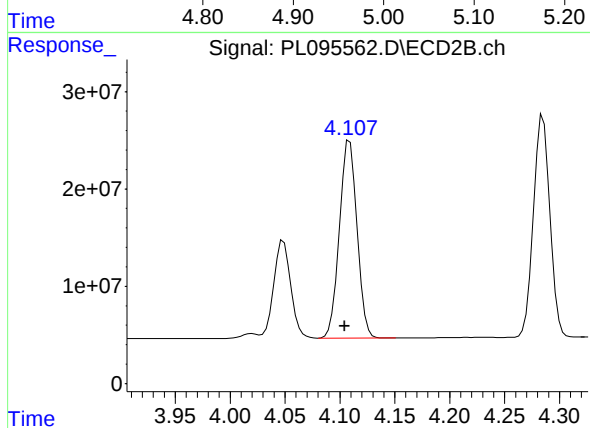
#3 gamma-BHC (Lindane)

R.T.: 3.755 min
Delta R.T.: 0.005 min
Response: 235220537
Conc: 53.48 ng/ml



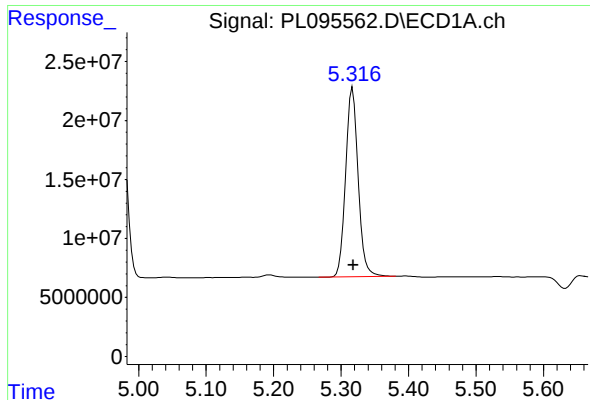
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 198581837
Conc: 43.41 ng/ml



#4 Heptachlor

R.T.: 4.109 min
Delta R.T.: 0.004 min
Response: 226086760
Conc: 51.89 ng/ml



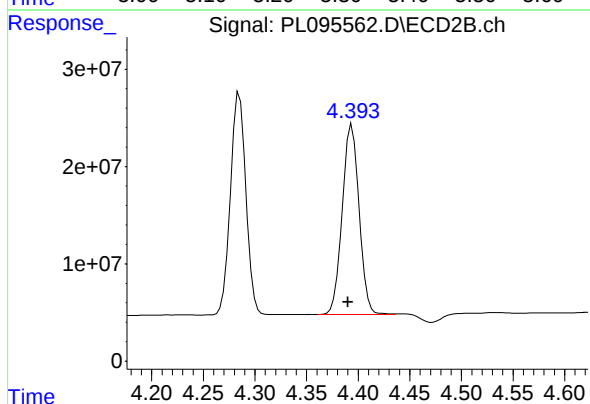
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 207619426
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

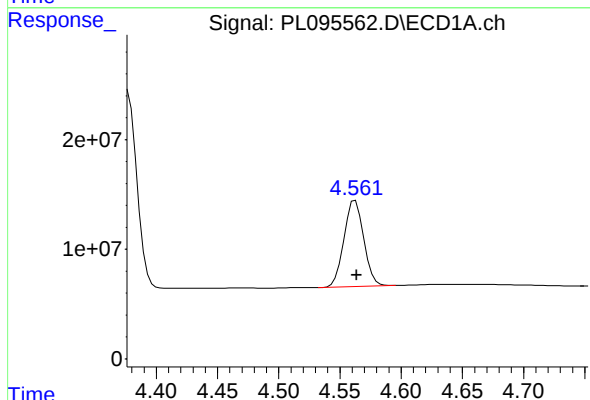
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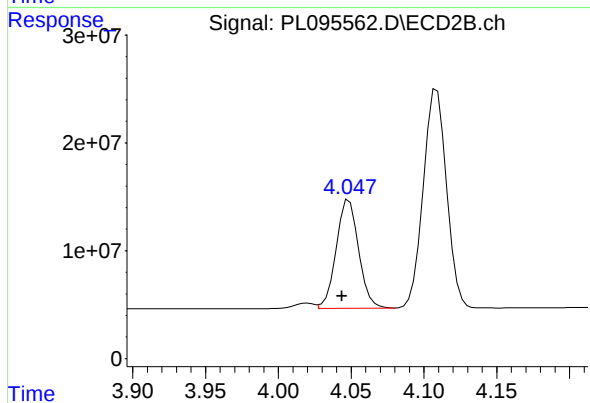
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.003 min
Response: 221985831
Conc: 53.94 ng/ml



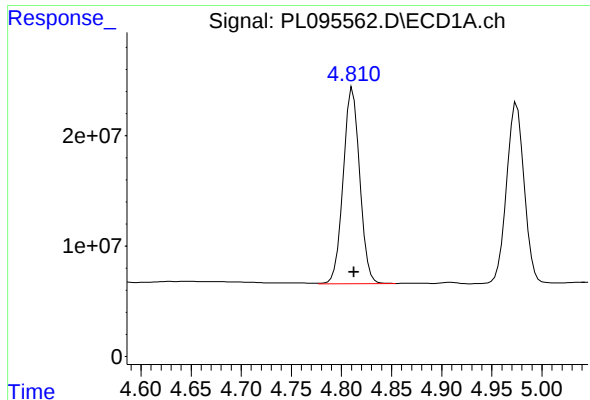
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: -0.001 min
Response: 88440179
Conc: 42.78 ng/ml



#6 beta-BHC

R.T.: 4.049 min
Delta R.T.: 0.005 min
Response: 107979327
Conc: 52.02 ng/ml



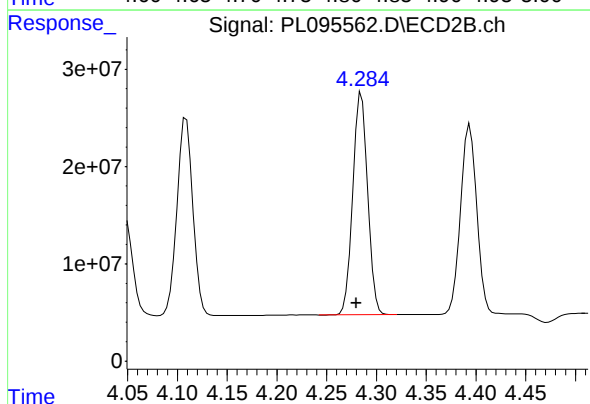
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 203397509
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

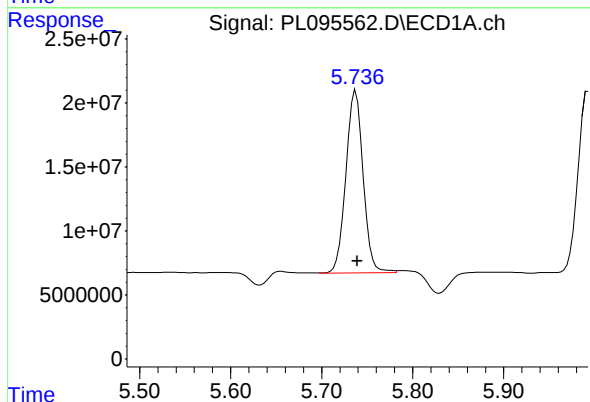
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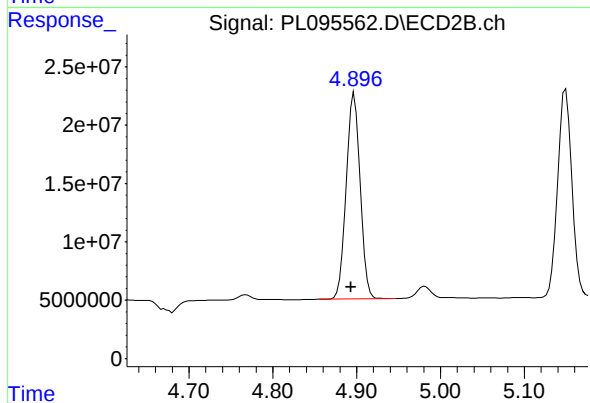
#7 delta-BHC

R.T.: 4.285 min
Delta R.T.: 0.005 min
Response: 237765974
Conc: 54.26 ng/ml



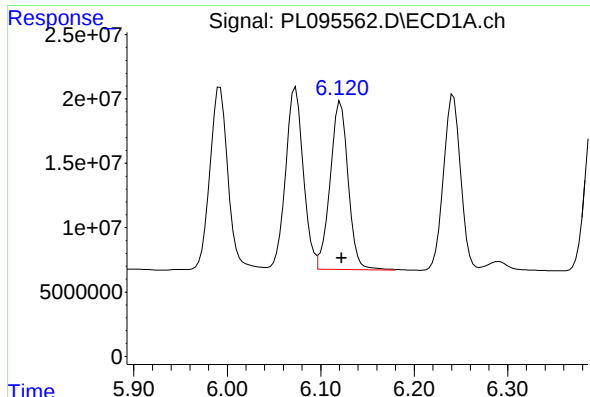
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 188458740
Conc: 47.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 203234376
Conc: 52.62 ng/ml



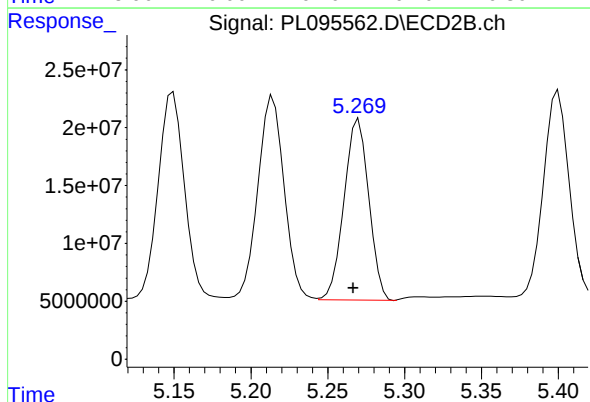
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 174273452
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

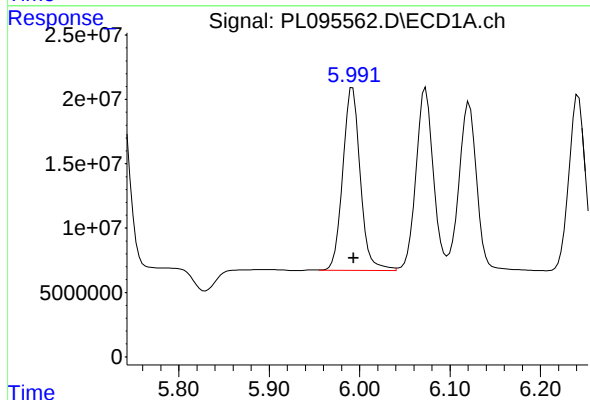
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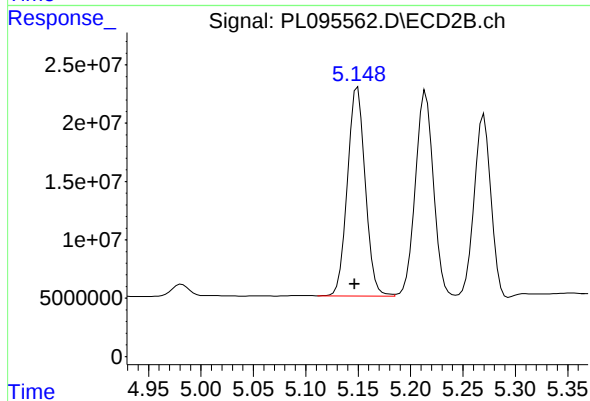
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.003 min
Response: 174573094
Conc: 47.69 ng/ml



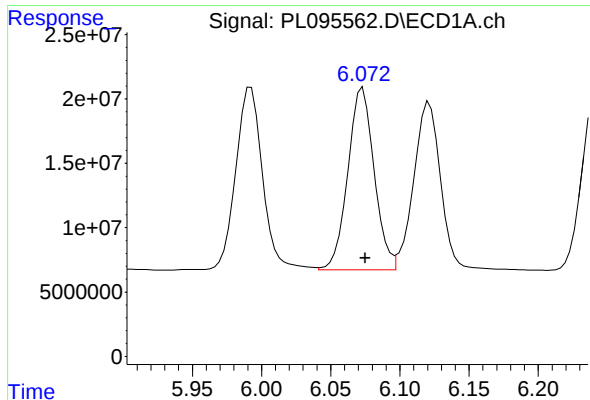
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 191967330
Conc: 47.06 ng/ml m



#10 gamma-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.003 min
Response: 213413837
Conc: 52.66 ng/ml



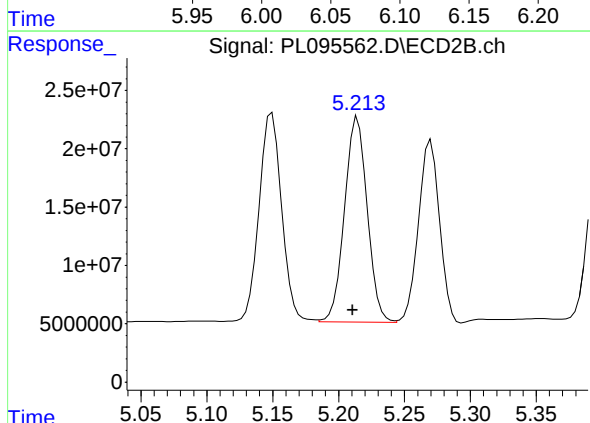
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 189107019
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

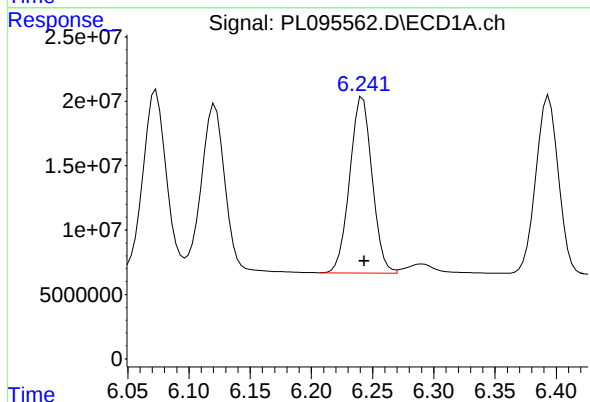
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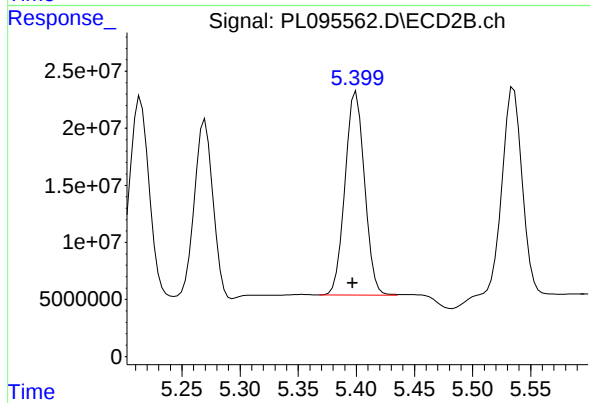
#11 alpha-Chlordane

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 210699391
Conc: 52.93 ng/ml



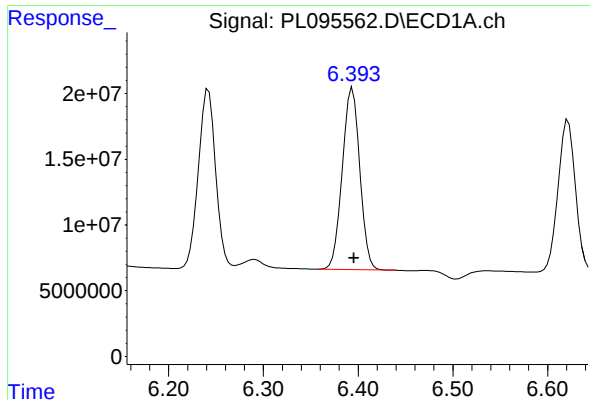
#12 4,4'-DDE

R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 174782717
Conc: 44.58 ng/ml m



#12 4,4'-DDE

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 207520171
Conc: 51.03 ng/ml m



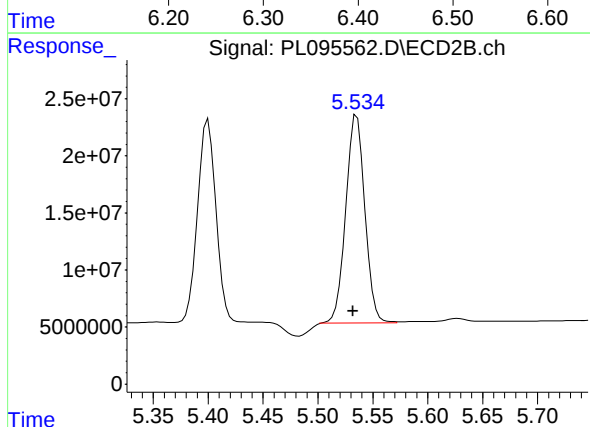
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 177139998
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

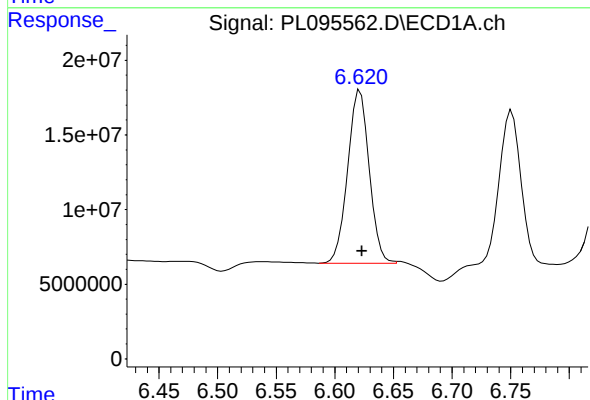
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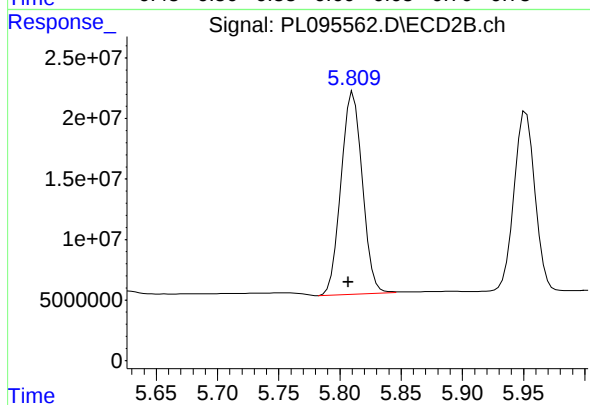
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 221023100
Conc: 54.34 ng/ml m



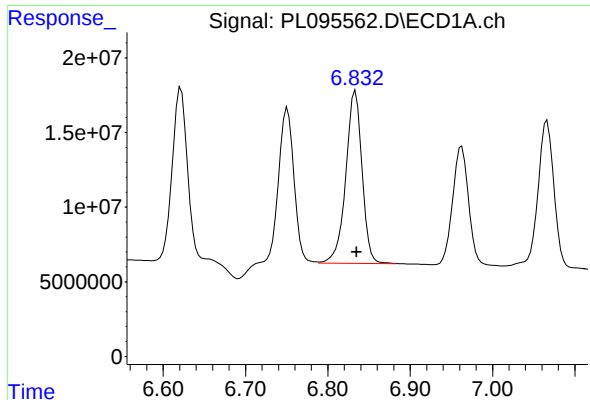
#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 148450299
Conc: 46.61 ng/ml m



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 202765635
Conc: 55.69 ng/ml m



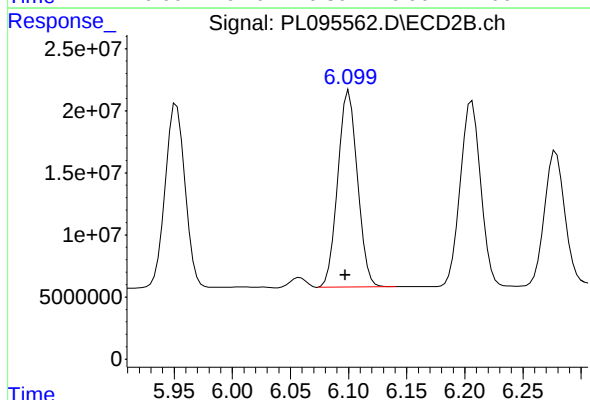
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 158580591
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

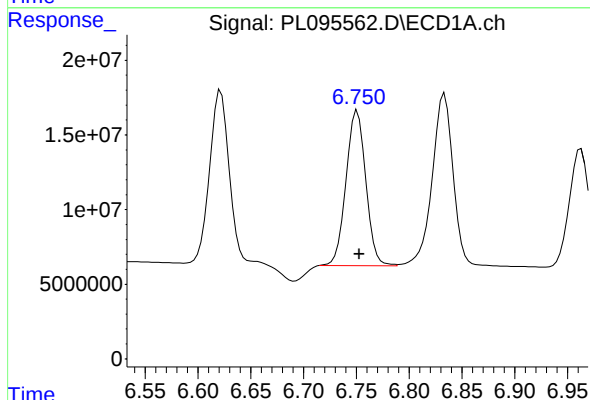
Manual Integrations
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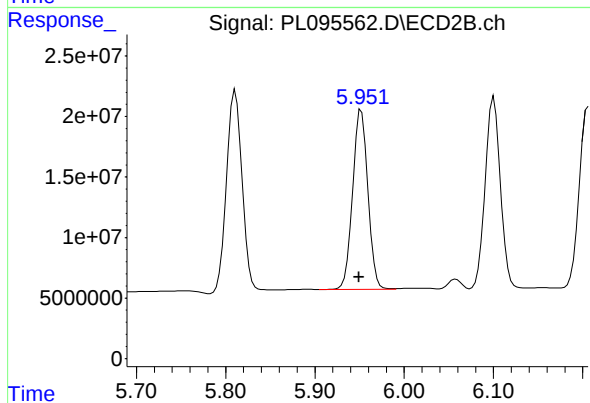
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.003 min
Response: 186685442
Conc: 51.99 ng/ml



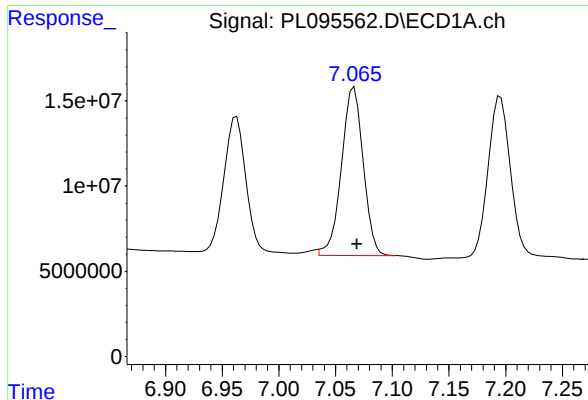
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 135695618
Conc: 47.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 176654067
Conc: 54.08 ng/ml



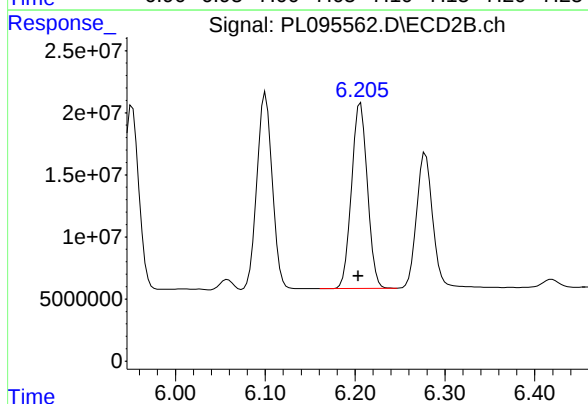
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 131683648
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

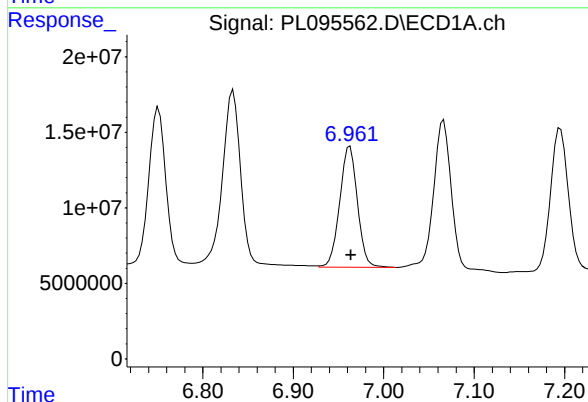
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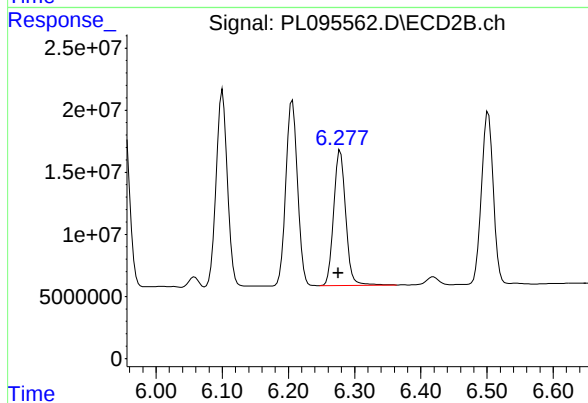
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 182348762
Conc: 53.07 ng/ml



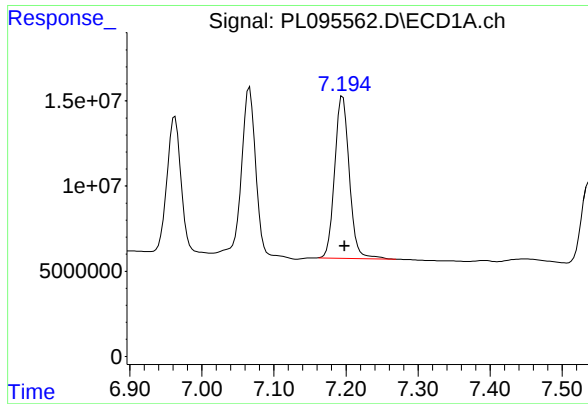
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 109321110
Conc: 47.10 ng/ml m



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 135883333
Conc: 52.00 ng/ml



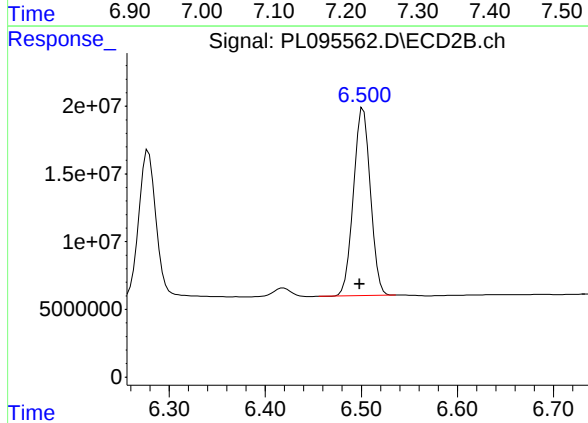
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 133095893
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

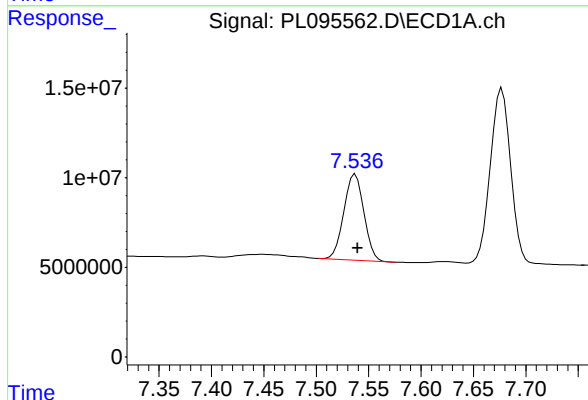
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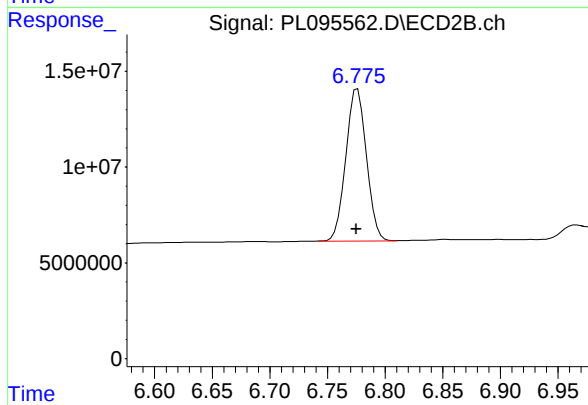
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 170108223
Conc: 51.27 ng/ml



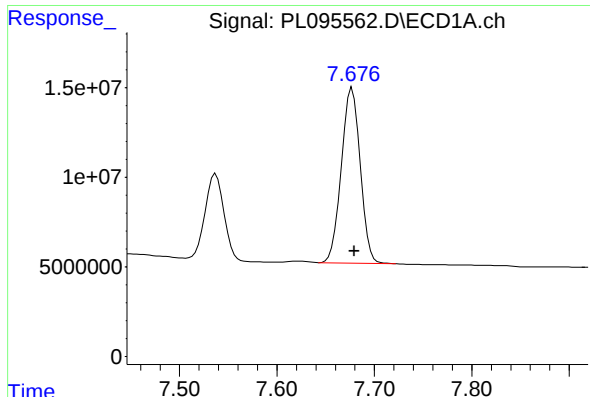
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 64041679
Conc: 45.90 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 98447639
Conc: 51.61 ng/ml m



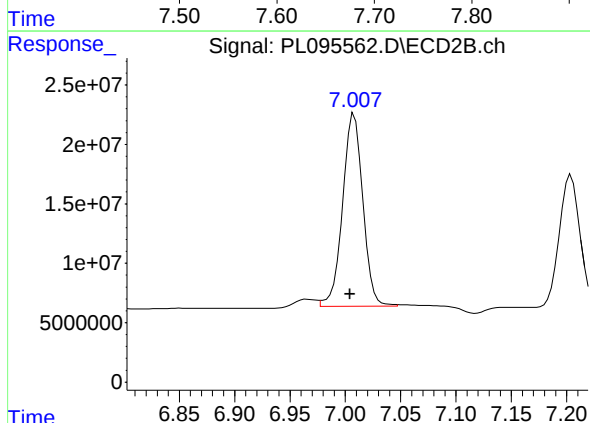
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 131671977
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

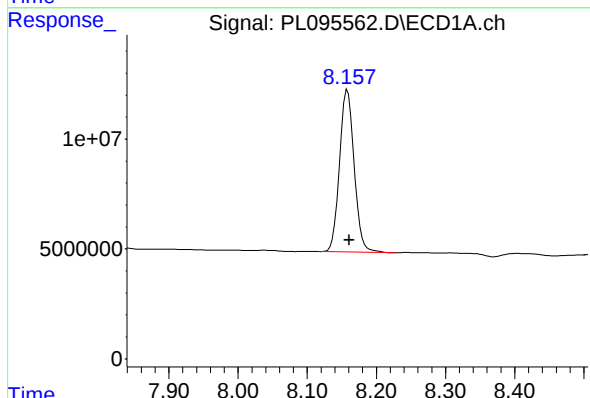
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



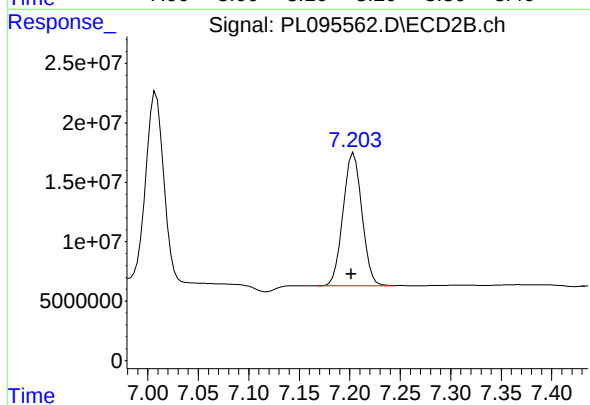
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 206869970
Conc: 58.75 ng/ml m



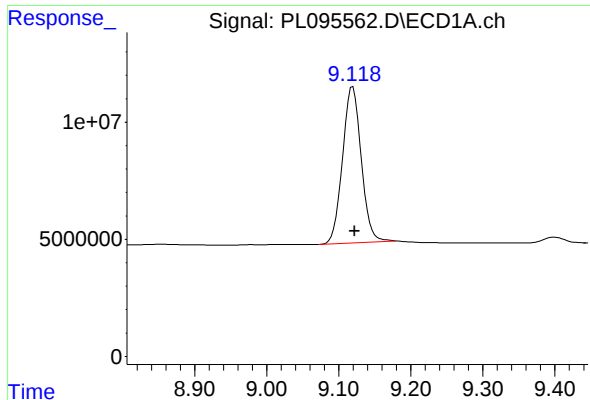
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.002 min
Response: 108592783
Conc: 45.70 ng/ml



#22 Mirex

R.T.: 7.203 min
Delta R.T.: 0.001 min
Response: 145965971
Conc: 50.64 ng/ml m



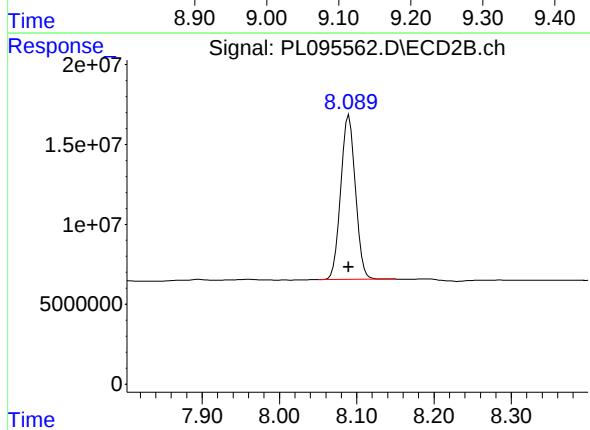
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.003 min
Response: 120273094
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 135070254
Conc: 45.64 ng/ml