

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
 Data File : PL095530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 09:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:38:21 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...	3.593	2.910	140.6E6	172.5E6	43.081	54.248 #
28)	SA Decachlor...	9.116	8.086	121.7E6	144.1E6	43.907	48.697
Target Compounds							
2)	A alpha-BHC	4.044	3.419	217.9E6	264.7E6	43.987	59.501 #
3)	MA gamma-BHC...	4.374	3.752	206.7E6	251.3E6	43.668m	57.127 #
4)	MA Heptachlor	4.973	4.106	197.0E6	242.9E6	43.062	55.753 #
5)	MB Aldrin	5.315	4.391	211.9E6	239.5E6	46.136	58.203 #
6)	B beta-BHC	4.560	4.046	88049620	115.1E6	42.587	55.466 #
7)	B delta-BHC	4.808	4.282	206.3E6	253.5E6	44.359m	57.841 #
8)	B Heptachlo...	5.736	4.894	190.9E6	219.5E6	47.654	56.839
9)	A Endosulfan I	6.119	5.266	183.5E6	210.2E6	48.316	57.420
10)	B gamma-Chl...	5.990	5.146	195.9E6	227.9E6	48.022	56.228
11)	B alpha-Chl...	6.071	5.211	193.7E6	222.4E6	47.641	55.863
12)	B 4,4'-DDE	6.238	5.396	180.9E6	222.8E6	46.145m	54.780
13)	MA Dieldrin	6.391	5.532	181.1E6	232.8E6	46.976	57.244
14)	MA Endrin	6.618	5.806	146.7E6	200.8E6	46.061m	55.158
15)	B Endosulfa...	6.829	6.096	159.7E6	202.1E6	50.025m	56.276
16)	A 4,4'-DDD	6.747	5.948	133.9E6	189.4E6	47.302m	57.978
17)	MA 4,4'-DDT	7.064	6.202	133.4E6	193.2E6	46.819	56.231
18)	B Endrin al...	6.960	6.275	113.4E6	146.6E6	48.851	56.099
19)	B Endosulfa...	7.193	6.498	130.8E6	182.3E6	46.688	54.953
20)	A Methoxychlor	7.534	6.772	60523196	102.2E6	43.382	53.583
21)	B Endrin ke...	7.675	7.004	134.3E6	210.7E6	47.120	59.843 #
22)	Mirex	8.156	7.200	111.9E6	158.7E6	47.076	55.046

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
Data File : PL095530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 09:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

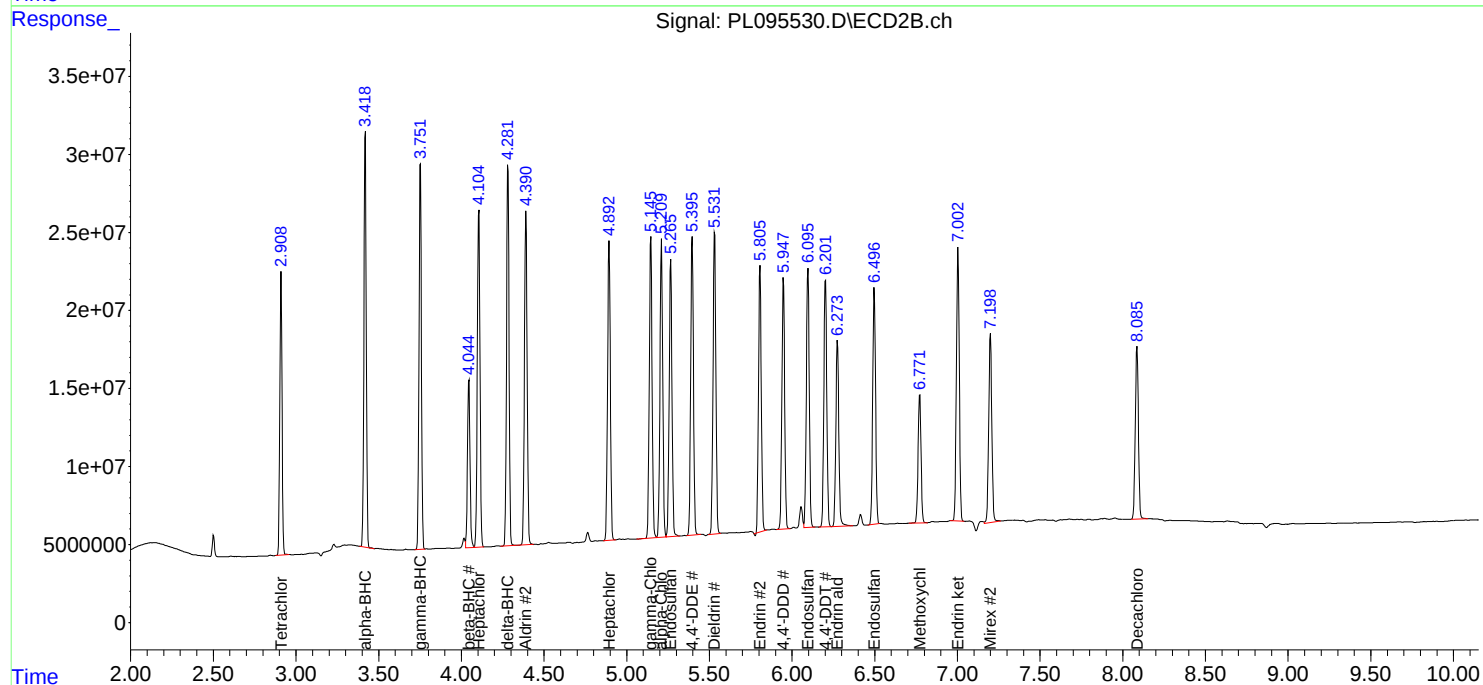
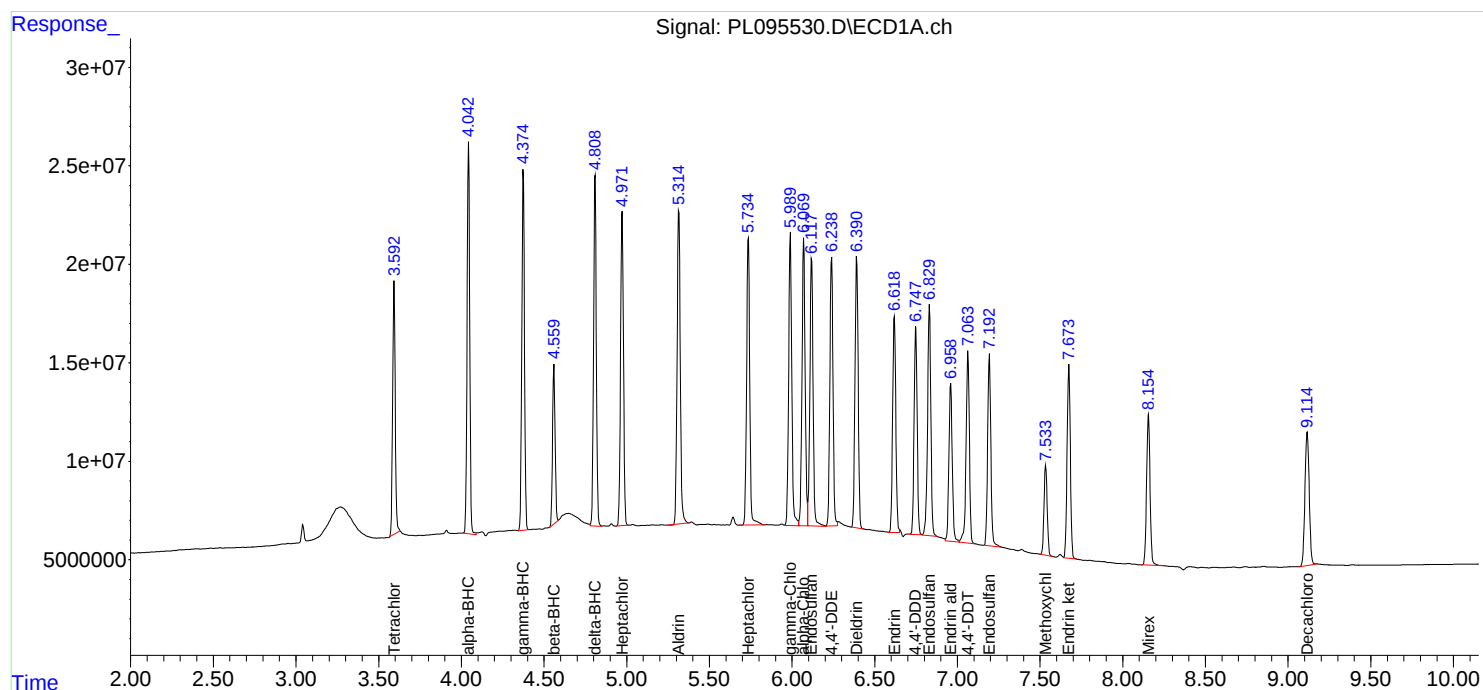
APPROVED

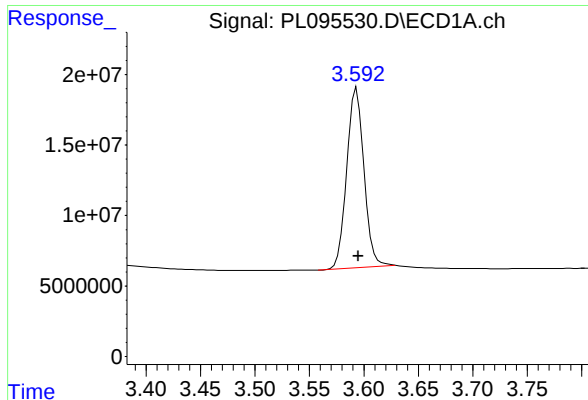
Reviewed By :Abdul Mirza 05/06/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:38:21 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
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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





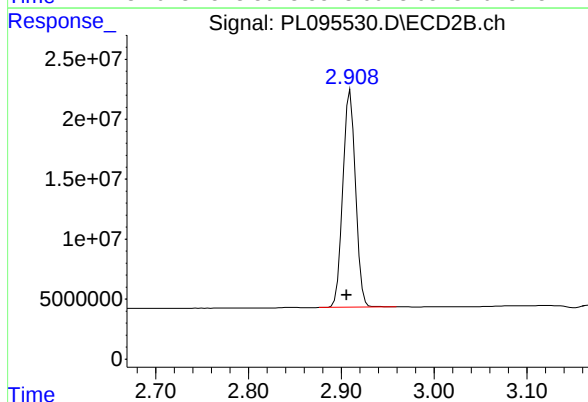
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 140646200
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

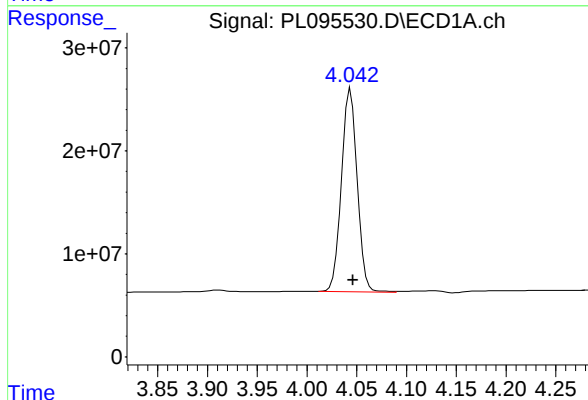
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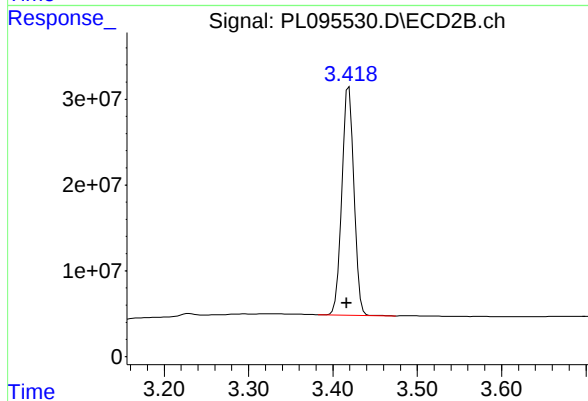
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: 0.004 min
Response: 172494789
Conc: 54.25 ng/ml



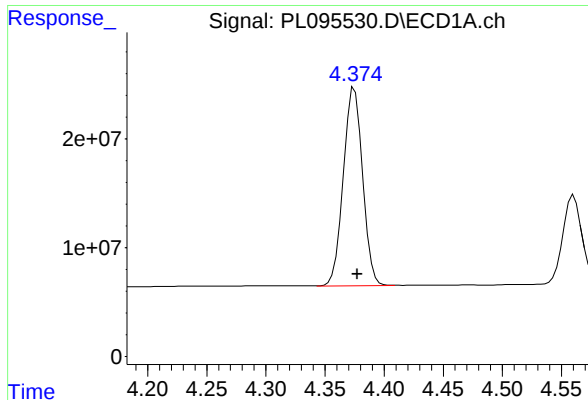
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 217899312
Conc: 43.99 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 264702098
Conc: 59.50 ng/ml



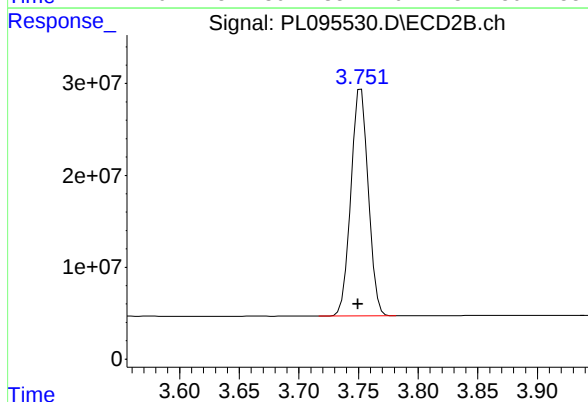
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 206723265
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

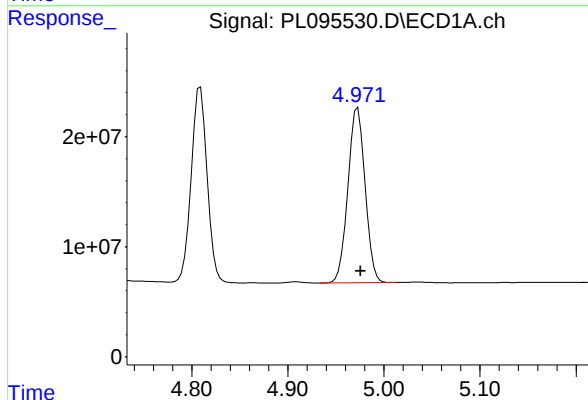
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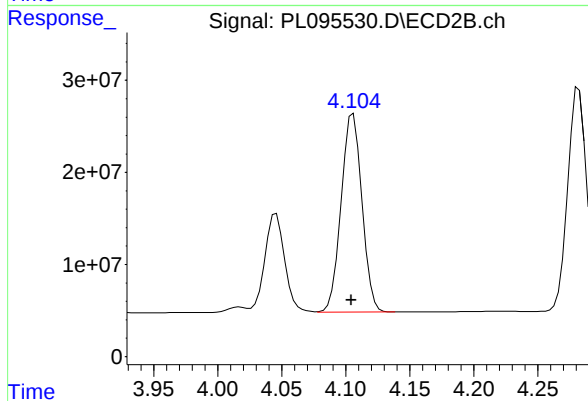
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 251257903
Conc: 57.13 ng/ml



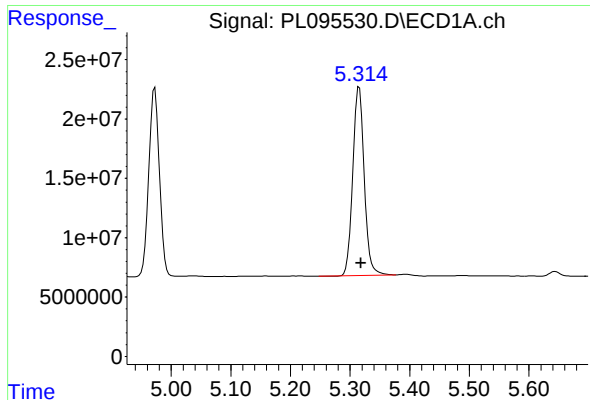
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 196987634
Conc: 43.06 ng/ml



#4 Heptachlor

R.T.: 4.106 min
Delta R.T.: 0.001 min
Response: 242897344
Conc: 55.75 ng/ml



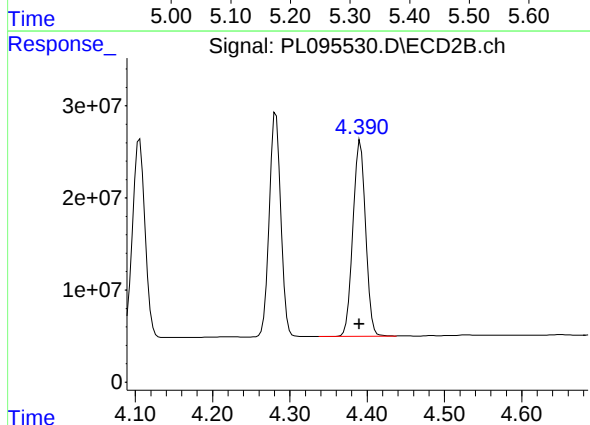
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 211901465
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

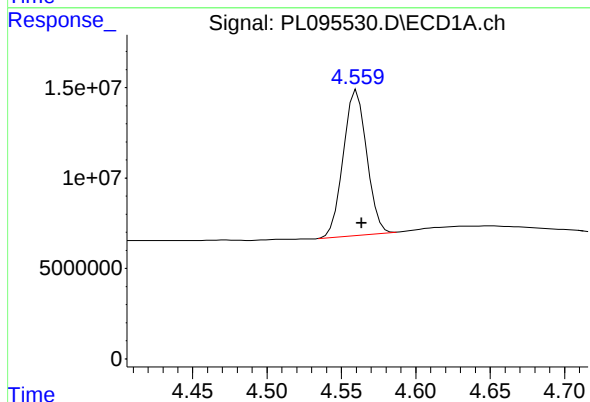
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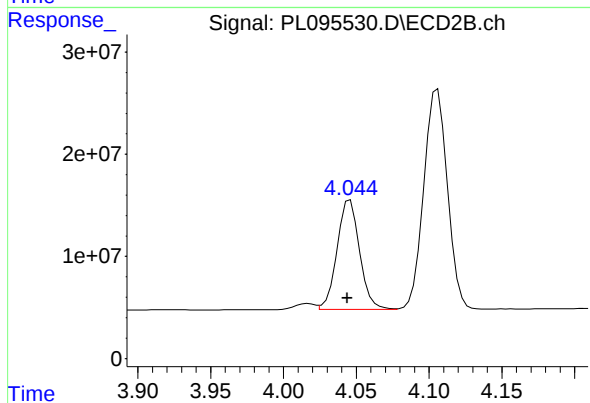
#5 Aldrin

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 239546221
Conc: 58.20 ng/ml



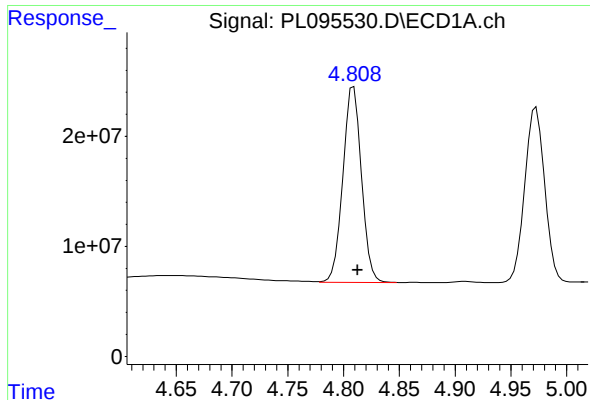
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 88049620
Conc: 42.59 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.002 min
Response: 115139438
Conc: 55.47 ng/ml



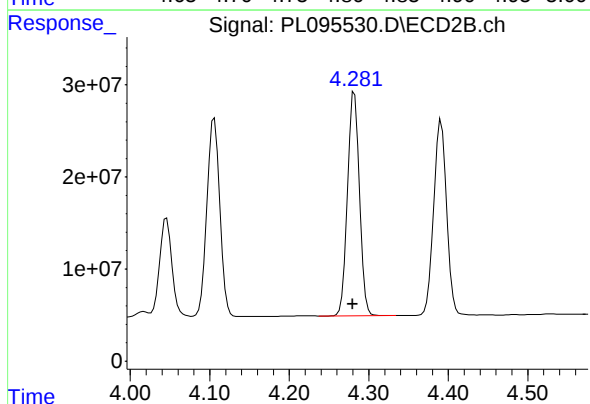
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 206297411
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

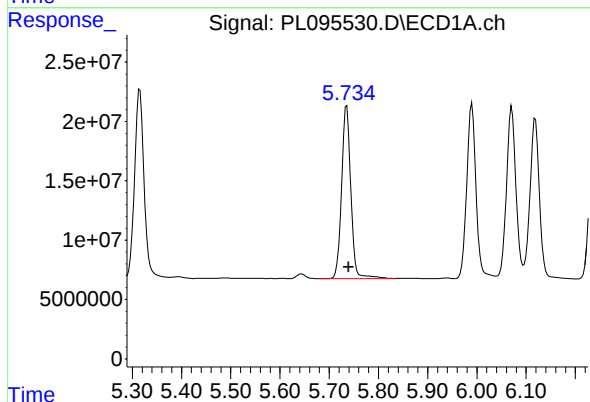
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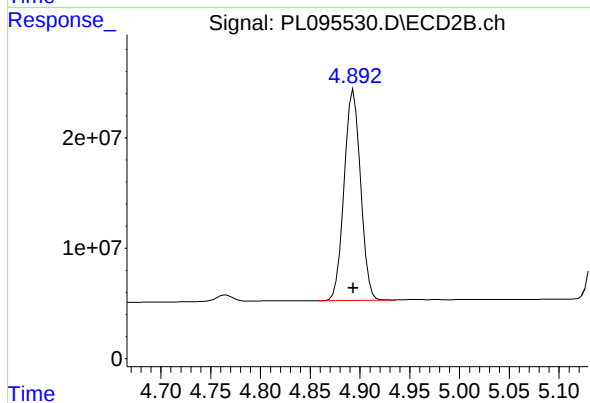
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 253455297
Conc: 57.84 ng/ml



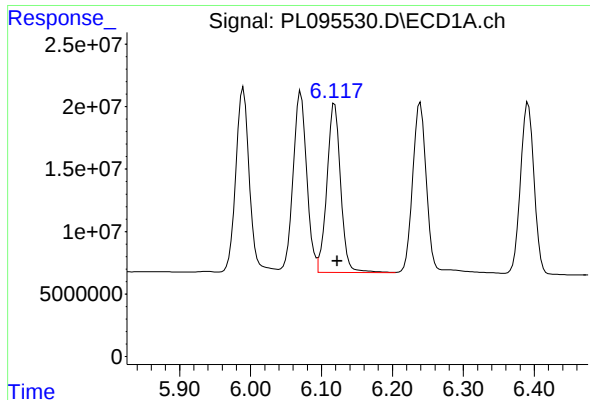
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 190861209
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 219548420
Conc: 56.84 ng/ml



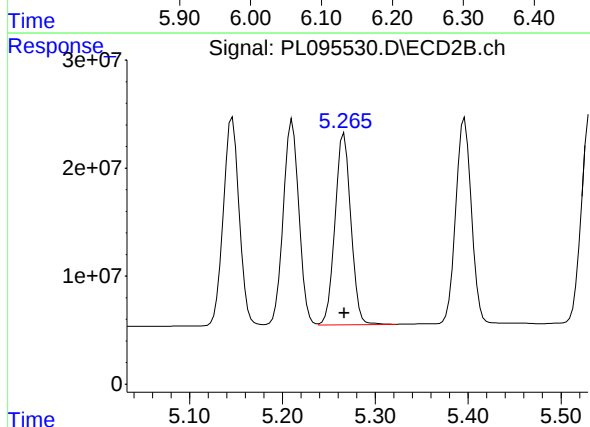
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 183478787
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

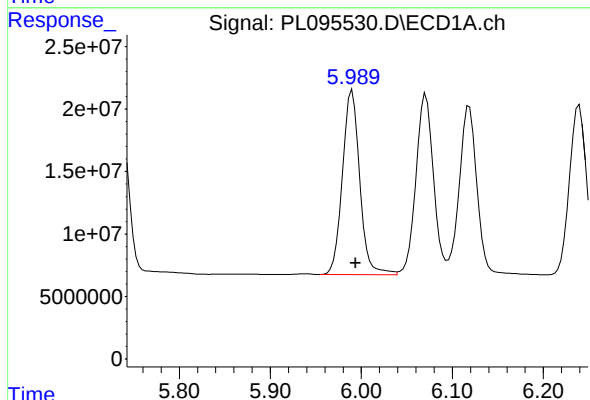
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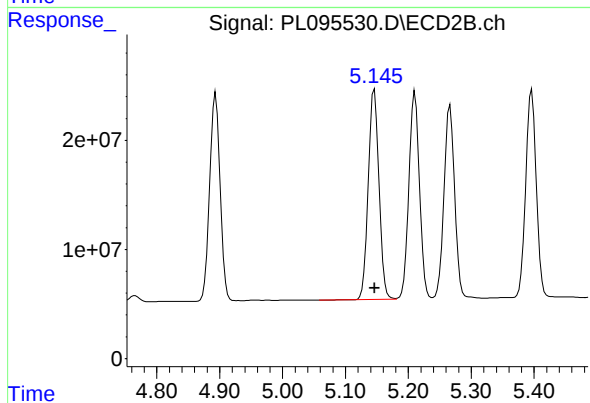
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 210181067
Conc: 57.42 ng/ml



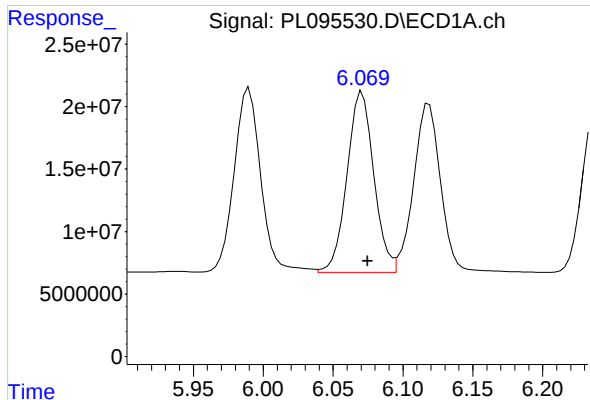
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 195898751
Conc: 48.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 227873977
Conc: 56.23 ng/ml



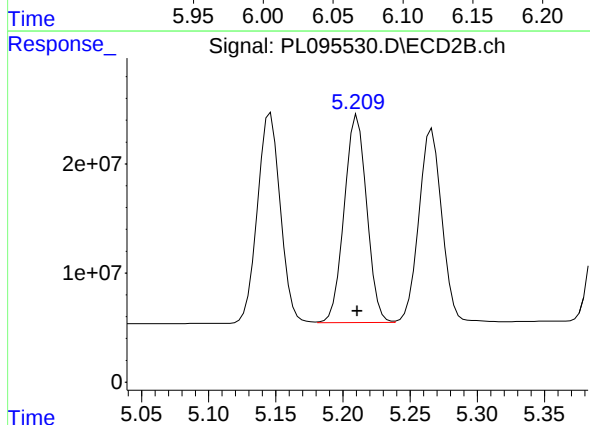
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 193710998
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

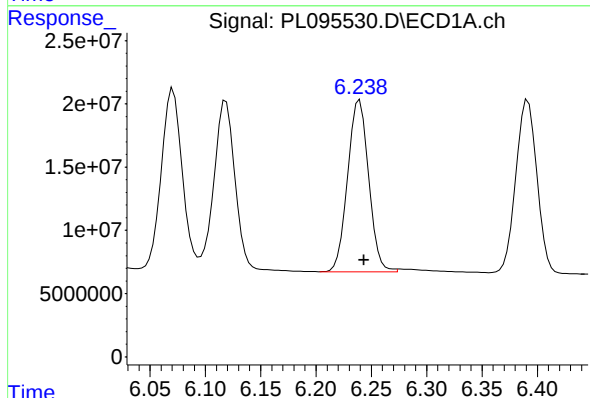
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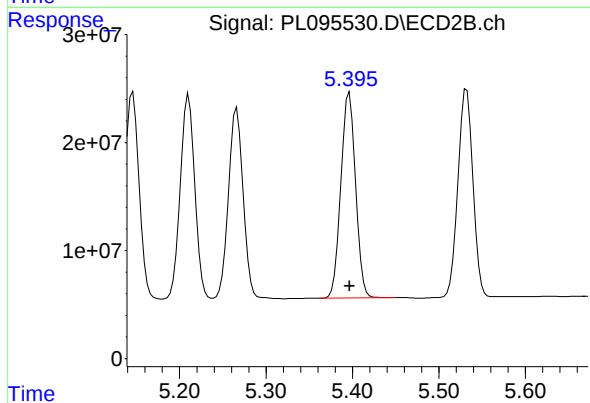
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 222394113
Conc: 55.86 ng/ml



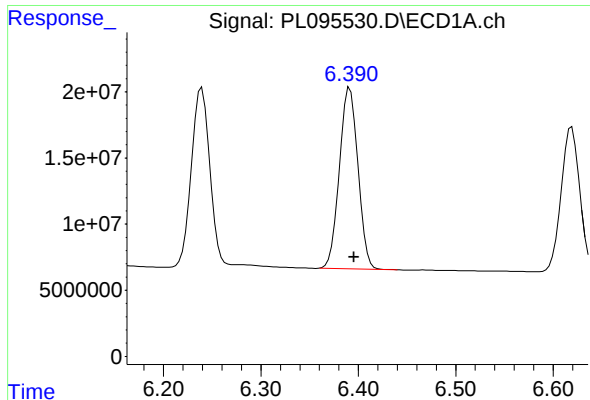
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 180915543
Conc: 46.15 ng/ml m



#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 222789853
Conc: 54.78 ng/ml



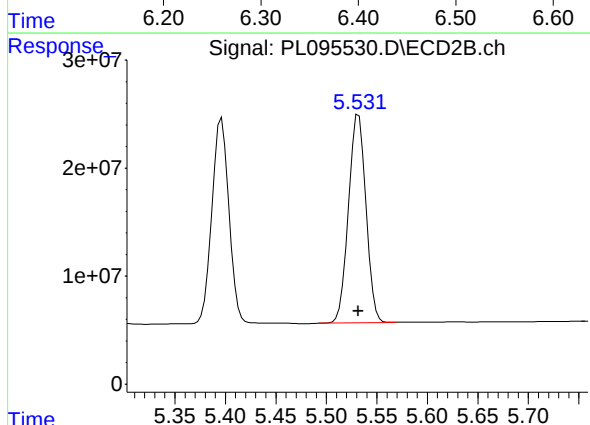
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 181082966
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

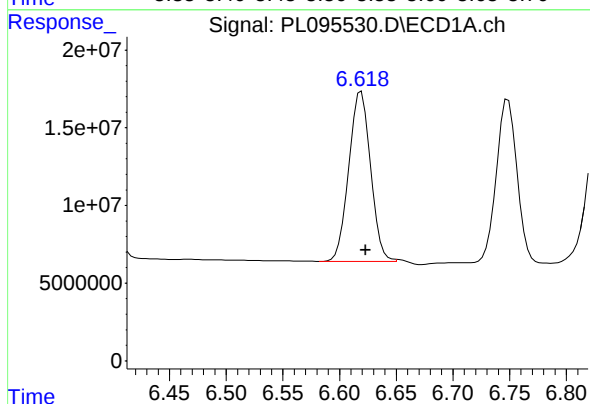
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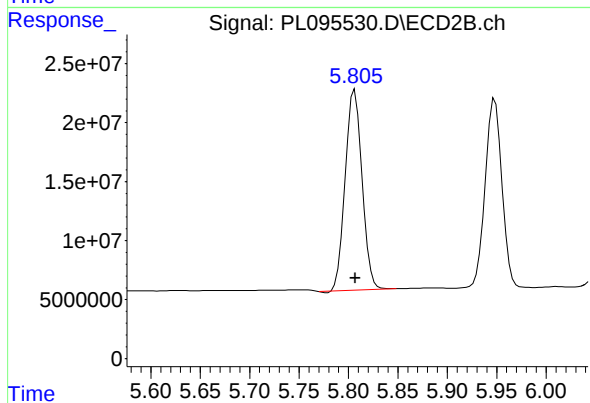
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 232814494
Conc: 57.24 ng/ml



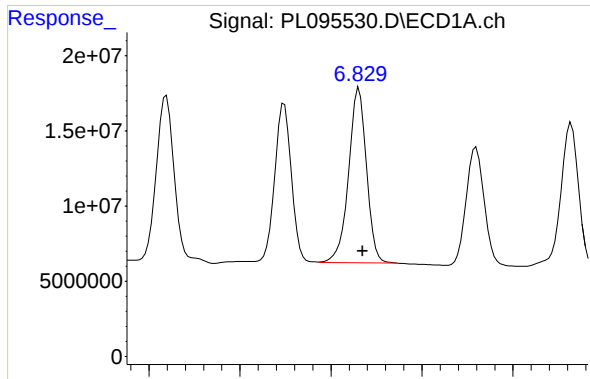
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 146693702
Conc: 46.06 ng/ml m



#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 200816364
Conc: 55.16 ng/ml



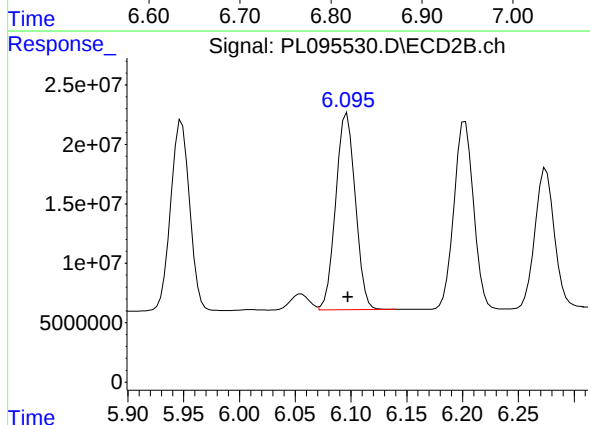
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.005 min
Response: 159687386
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

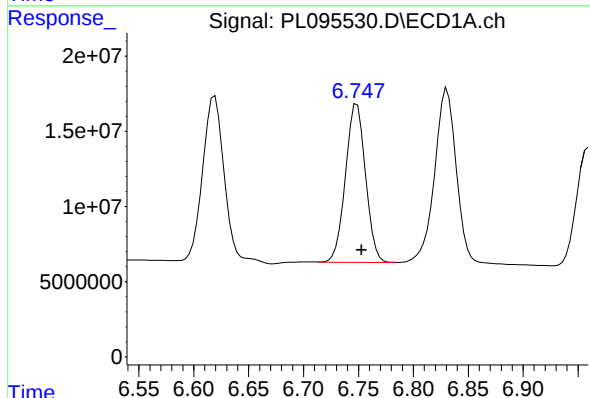
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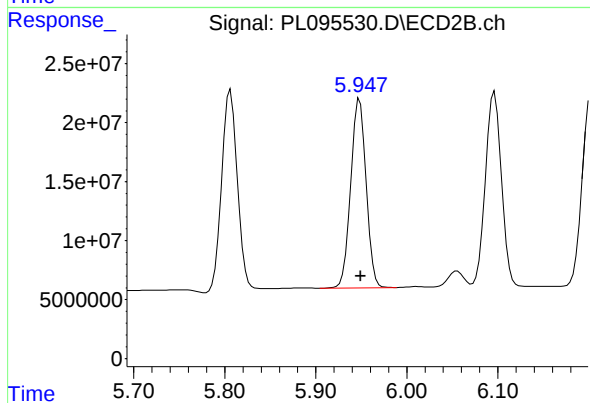
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 202092007
Conc: 56.28 ng/ml



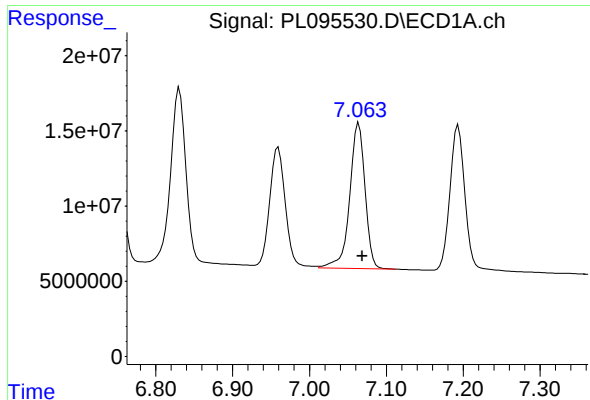
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 133909006
Conc: 47.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 189401761
Conc: 57.98 ng/ml



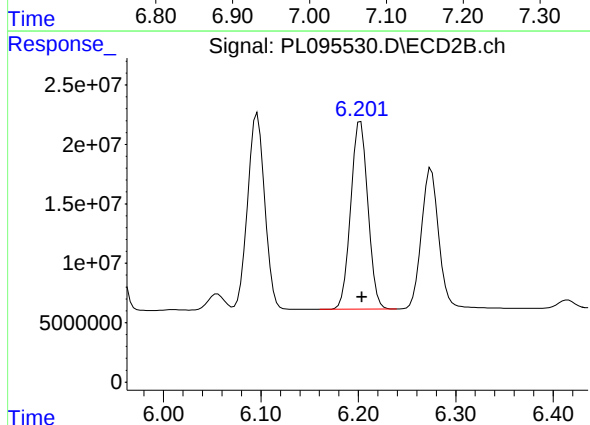
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 133368521
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

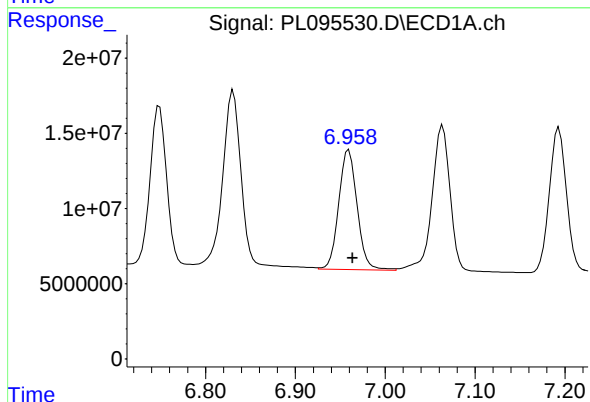
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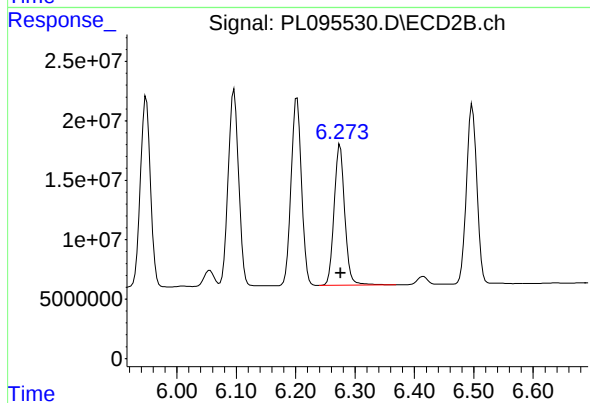
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 193221103
Conc: 56.23 ng/ml



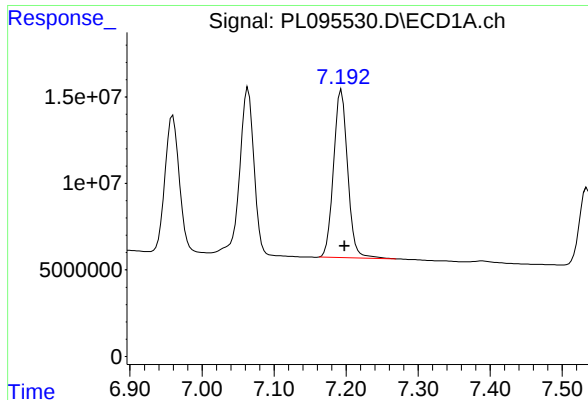
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 113372571
Conc: 48.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 146594822
Conc: 56.10 ng/ml



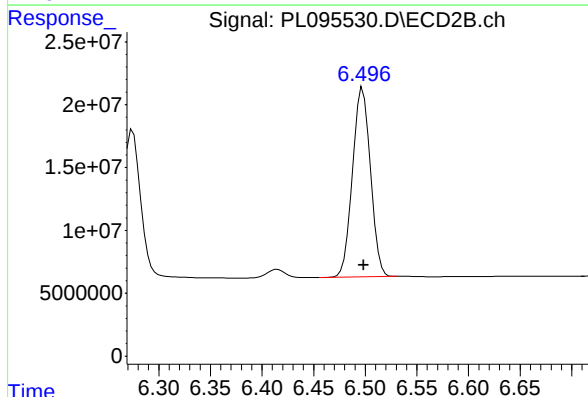
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 130811428
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

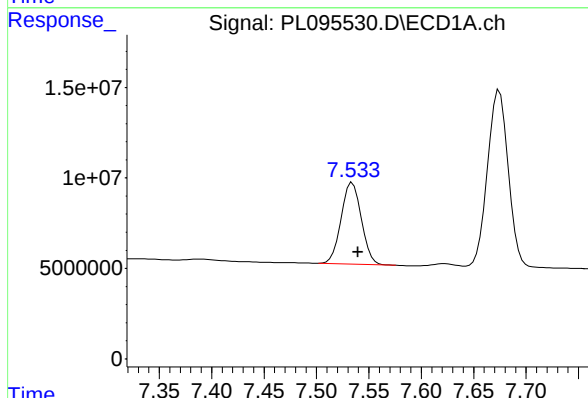
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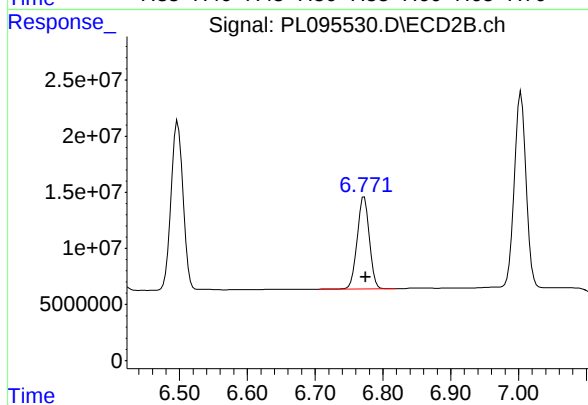
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 182329631
Conc: 54.95 ng/ml



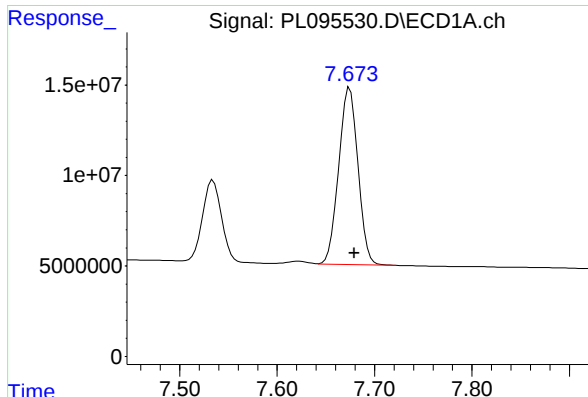
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 60523196
Conc: 43.38 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 102205968
Conc: 53.58 ng/ml



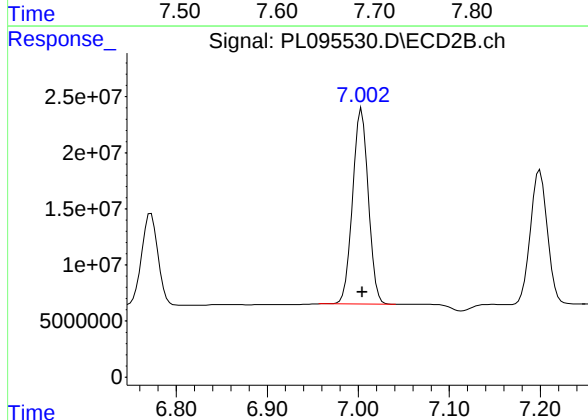
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 134333902
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

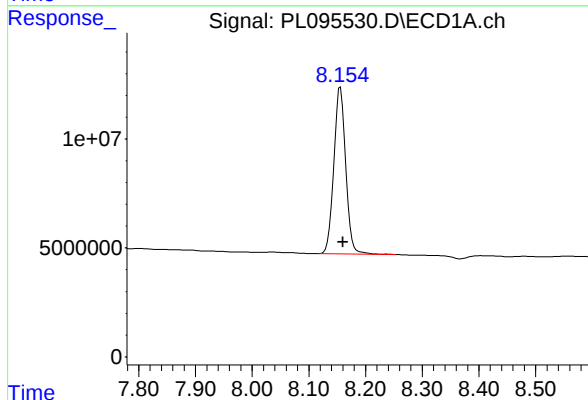
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2025
Supervised By :mohammad ahmed 05/08/2025



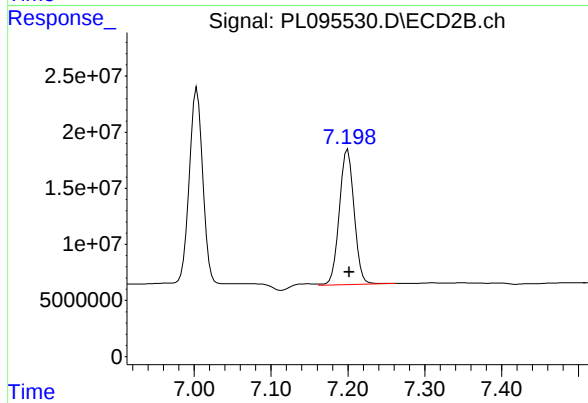
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 210726320
Conc: 59.84 ng/ml



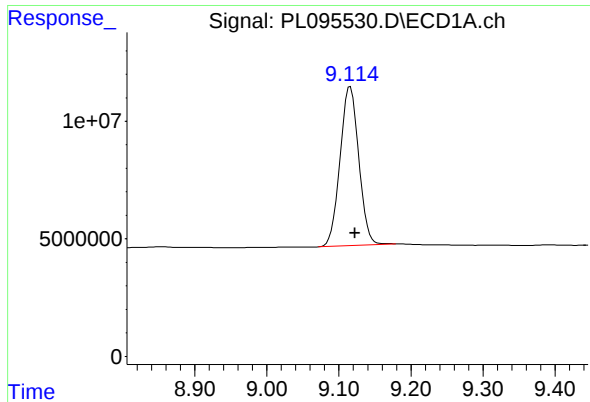
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.005 min
Response: 111853445
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 158663826
Conc: 55.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.007 min
Response: 121657534
Conc: 43.91 ng/ml

Instrument :

ECD_L

ClientSampleId :

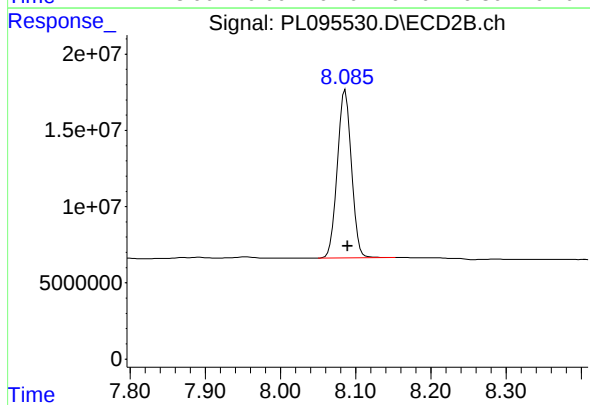
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 05/06/2025

Supervised By :mohammad ahmed 05/08/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 144107963
Conc: 48.70 ng/ml