

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
 Data File : PL095558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 21:25
 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 01:45:47 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	2.909	149.7E6	170.9E6	45.843	53.762
28)	SA Decachlor...	9.114	8.085	121.9E6	130.8E6	44.002	44.205
Target Compounds							
2)	A alpha-BHC	4.044	3.419	223.2E6	262.5E6	45.059	58.997 #
3)	MA gamma-BHC...	4.375	3.752	211.3E6	248.5E6	44.638	56.501 #
4)	MA Heptachlor	4.972	4.105	197.0E6	229.3E6	43.059	52.635
5)	MB Aldrin	5.314	4.389	214.8E6	230.7E6	46.772	56.062m
6)	B beta-BHC	4.560	4.046	94025305	113.7E6	45.477	54.763
7)	B delta-BHC	4.807	4.282	211.5E6	251.7E6	45.468m	57.442 #
8)	B Heptachlo...	5.733	4.893	184.1E6	208.6E6	45.973m	54.008
9)	A Endosulfan I	6.117	5.266	172.7E6	189.0E6	45.469m	51.636
10)	B gamma-Chl...	5.988	5.145	189.4E6	215.8E6	46.427m	53.238m
11)	B alpha-Chl...	6.069	5.210	192.8E6	208.3E6	47.407m	52.326
12)	B 4,4'-DDE	6.237	5.396	178.5E6	210.6E6	45.520m	51.789
13)	MA Dieldrin	6.391	5.532	172.8E6	222.4E6	44.815	54.680
14)	MA Endrin	6.617	5.807	144.7E6	196.0E6	45.438m	53.843
15)	B Endosulfa...	6.829	6.097	153.0E6	186.0E6	47.924m	51.803
16)	A 4,4'-DDD	6.747	5.949	130.3E6	175.8E6	46.028m	53.804
17)	MA 4,4'-DDT	7.064	6.202	127.6E6	171.7E6	44.797	49.956
18)	B Endrin al...	6.958	6.274	102.3E6	130.4E6	44.090m	49.917
19)	B Endosulfa...	7.193	6.498	127.9E6	164.0E6	45.660	49.440
20)	A Methoxychlor	7.534	6.772	59369593	89350905	42.555	46.844
21)	B Endrin ke...	7.674	7.004	124.3E6	183.2E6	43.607	52.028
22)	Mirex	8.154	7.198	105.9E6	135.4E6	44.566m	46.959m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
Data File : PL095558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 21:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

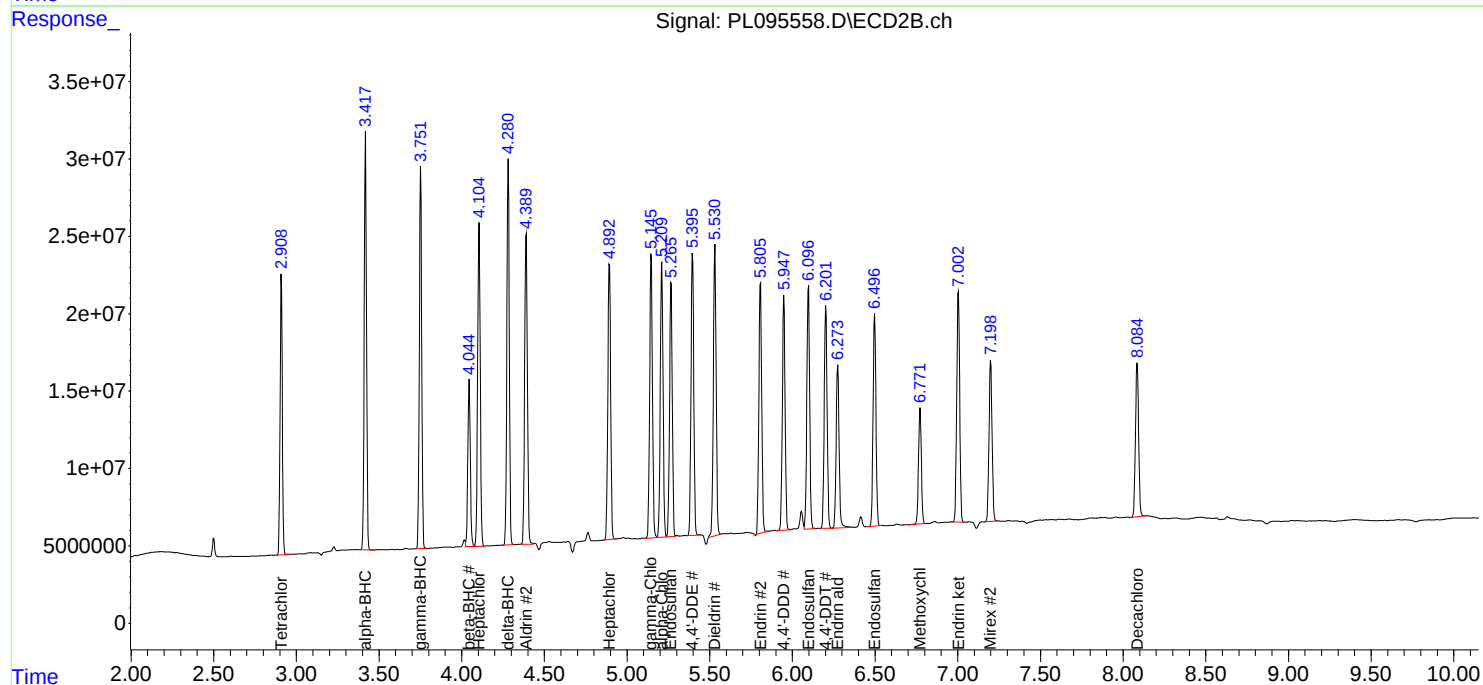
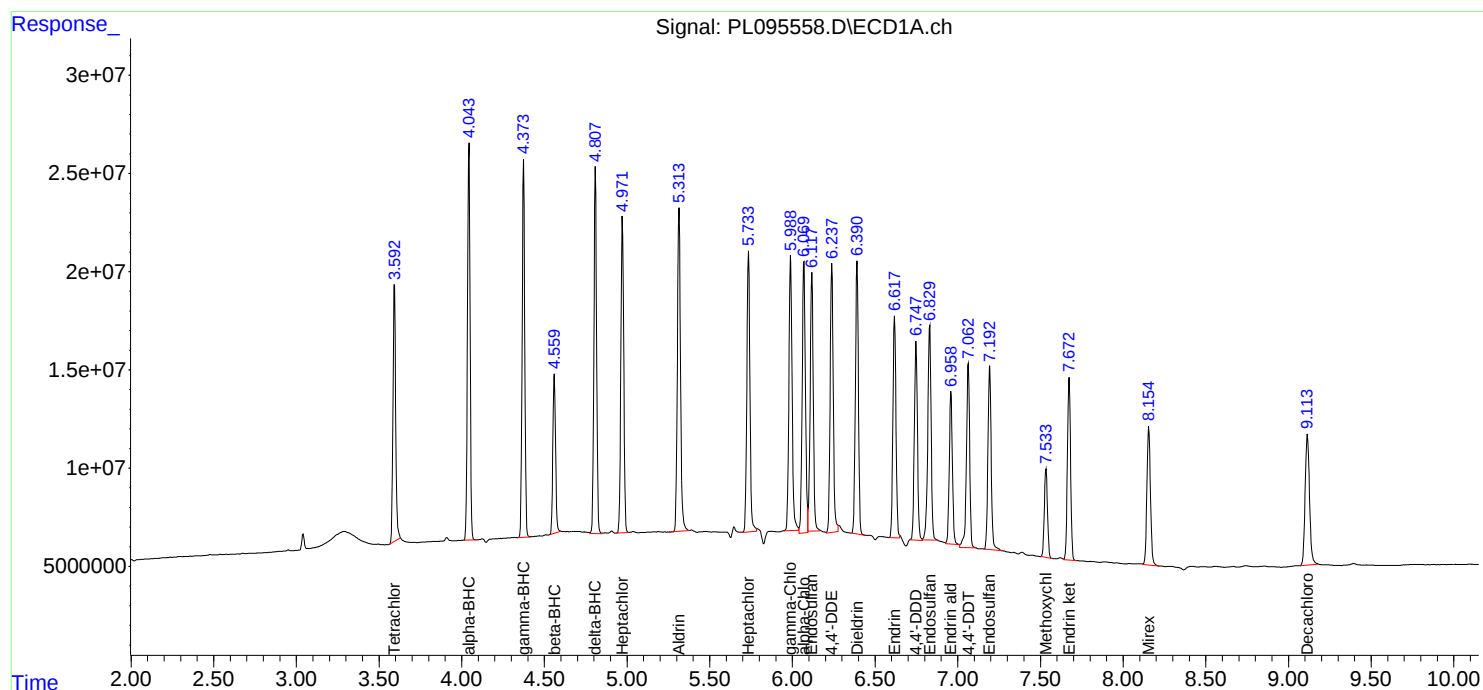
APPROVED

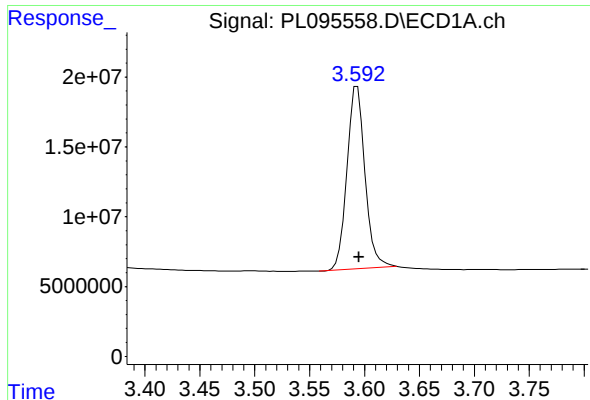
Reviewed By :Abdul Mirza 05/06/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:45:47 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





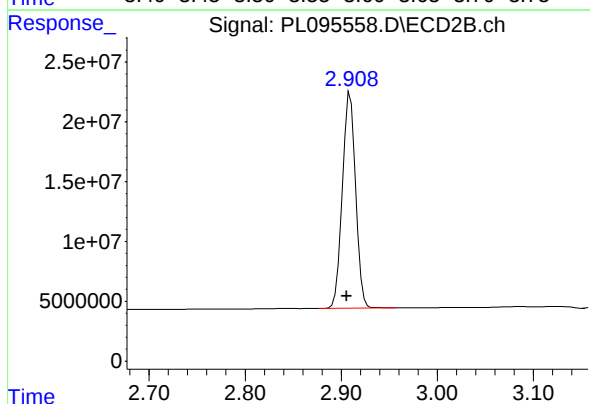
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 149663551
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

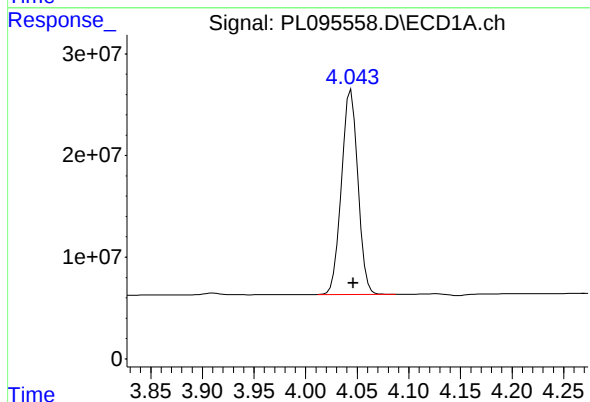
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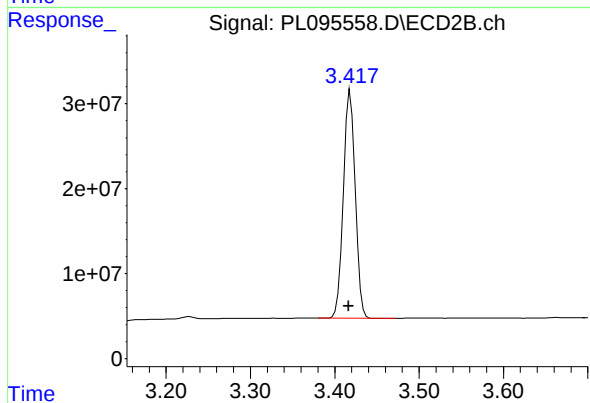
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.004 min
Response: 170948463
Conc: 53.76 ng/ml



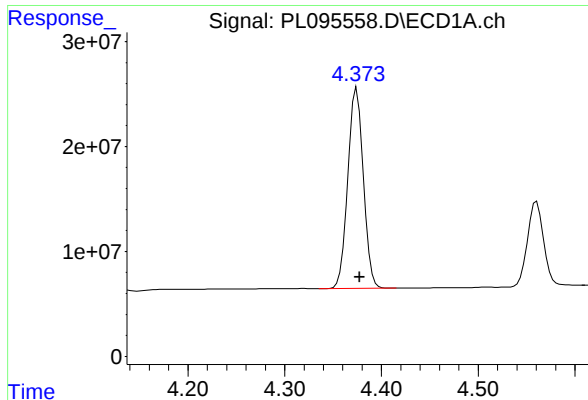
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 223209530
Conc: 45.06 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.002 min
Response: 262462142
Conc: 59.00 ng/ml



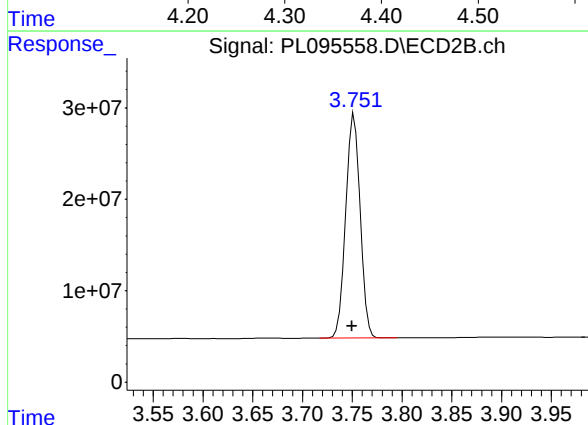
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 211316582
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

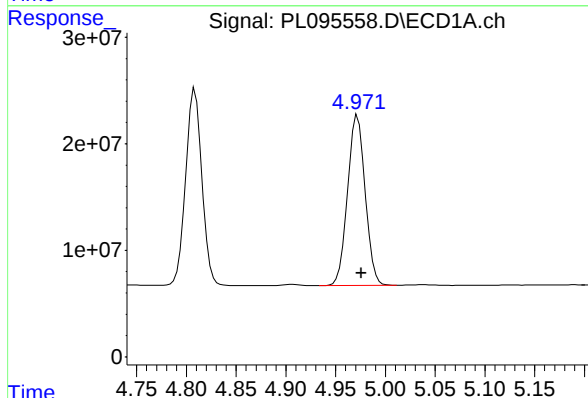
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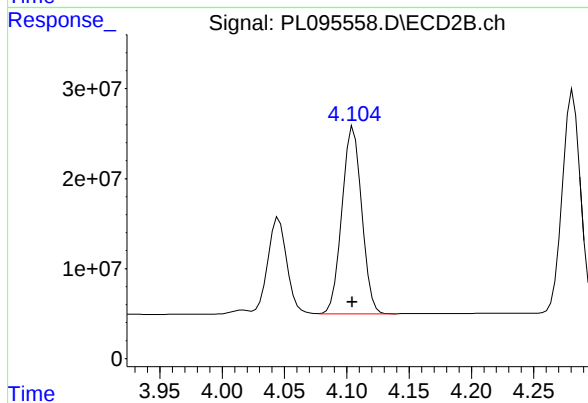
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 248505103
Conc: 56.50 ng/ml



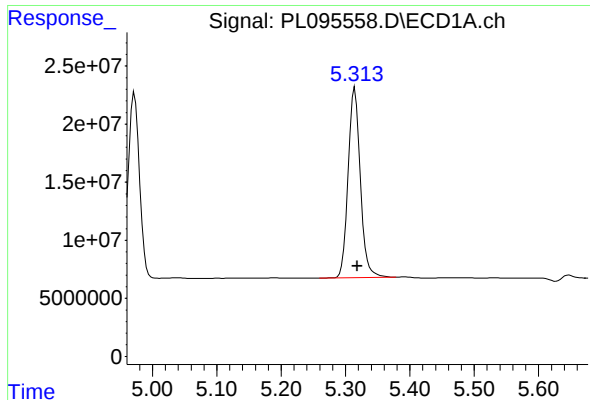
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 196971561
Conc: 43.06 ng/ml



#4 Heptachlor

R.T.: 4.105 min
Delta R.T.: 0.000 min
Response: 229315647
Conc: 52.64 ng/ml



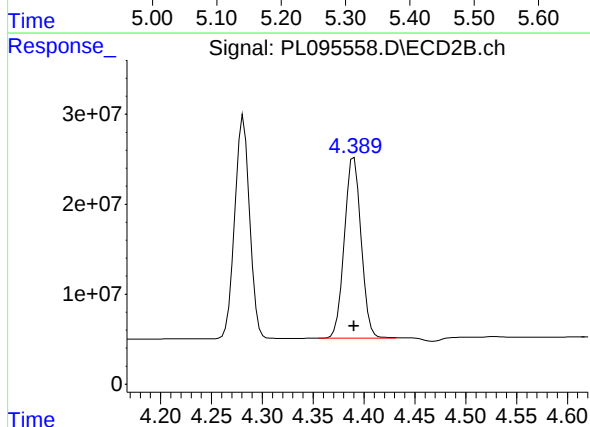
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 214823175
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

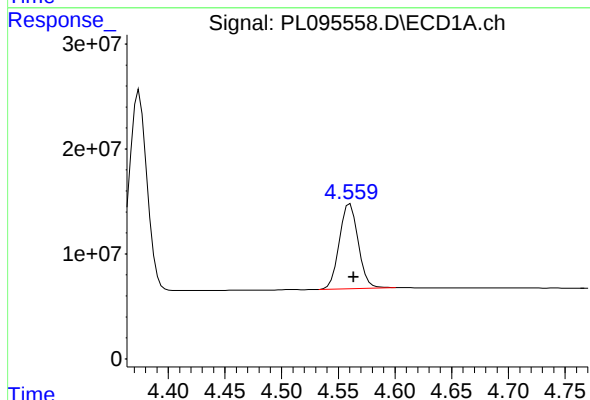
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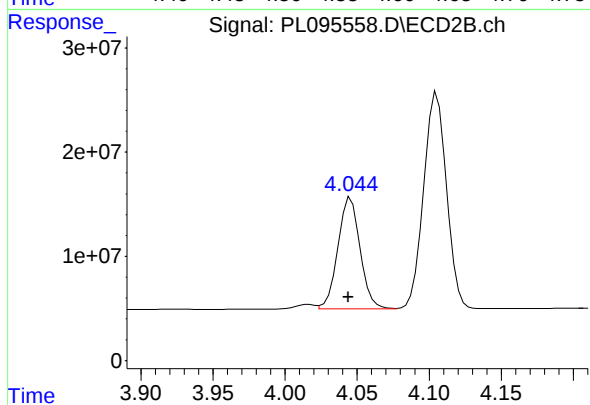
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 230734739
Conc: 56.06 ng/ml



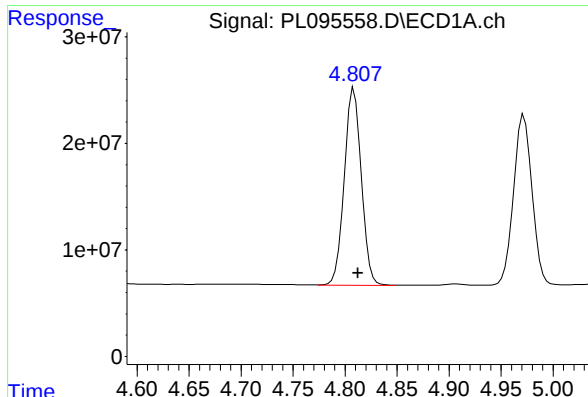
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 94025305
Conc: 45.48 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.002 min
Response: 113679965
Conc: 54.76 ng/ml



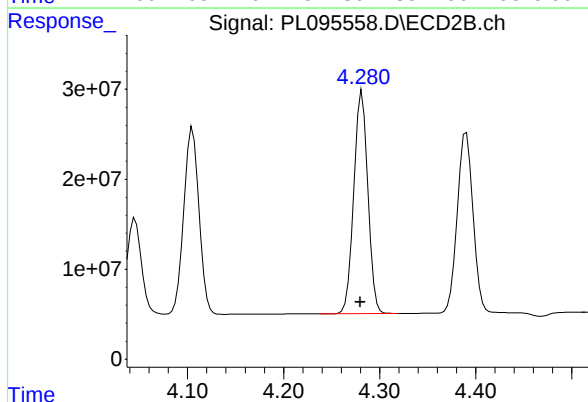
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 211455839
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

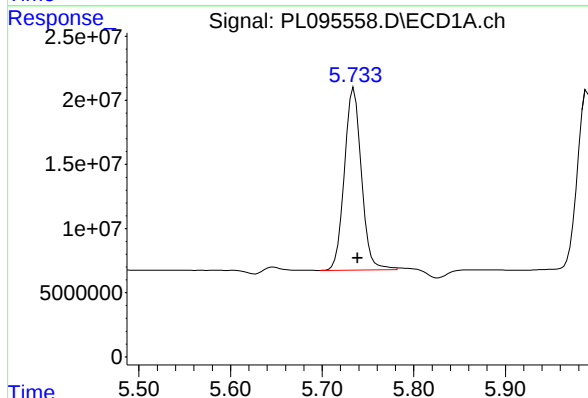
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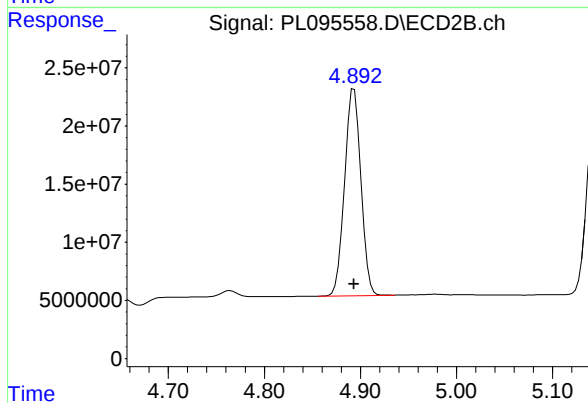
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 251710110
Conc: 57.44 ng/ml



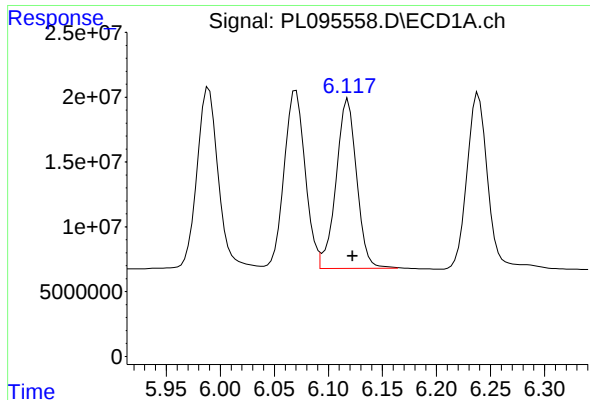
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.006 min
Response: 184128383
Conc: 45.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 208614137
Conc: 54.01 ng/ml



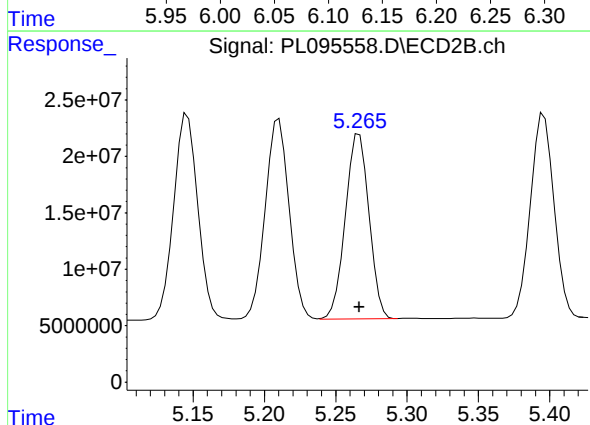
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 172667952
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

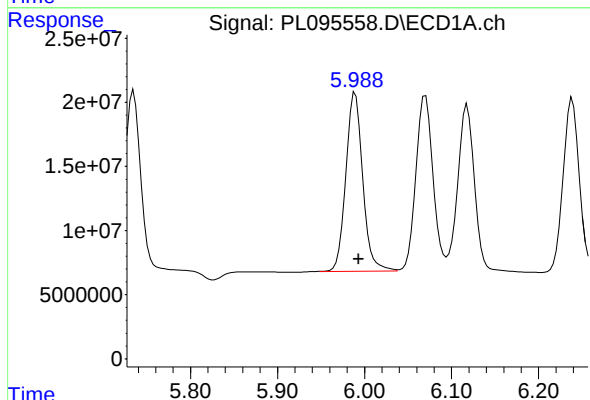
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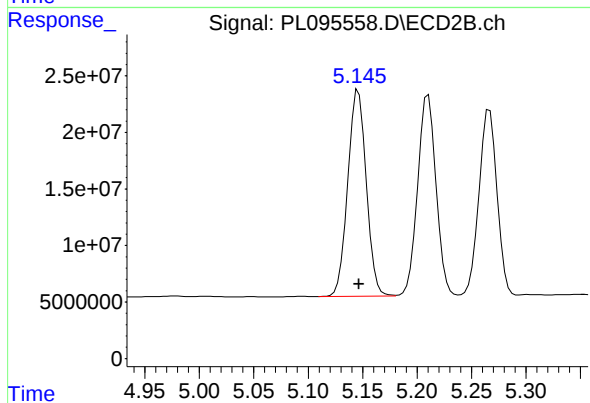
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 189011008
Conc: 51.64 ng/ml



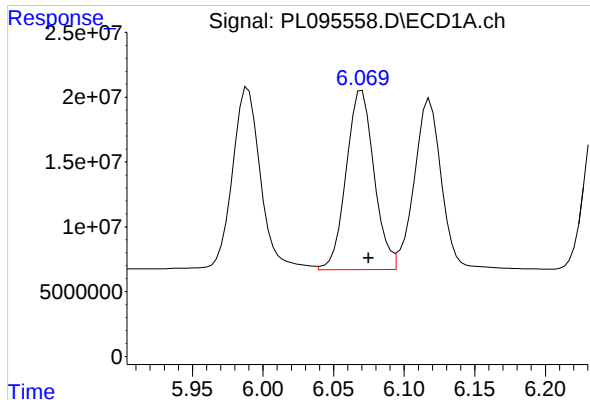
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.006 min
Response: 189391979
Conc: 46.43 ng/ml m



#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 215754591
Conc: 53.24 ng/ml m



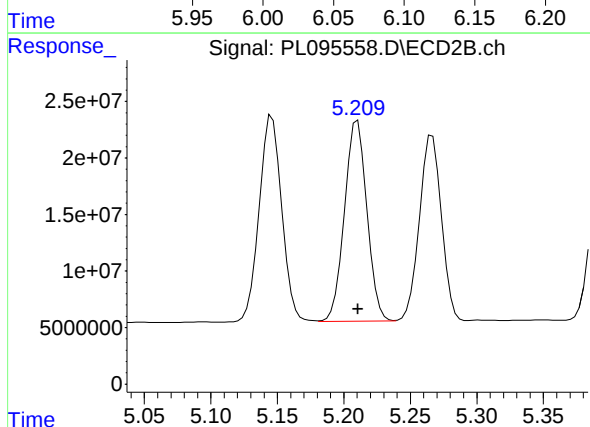
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 192760641
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

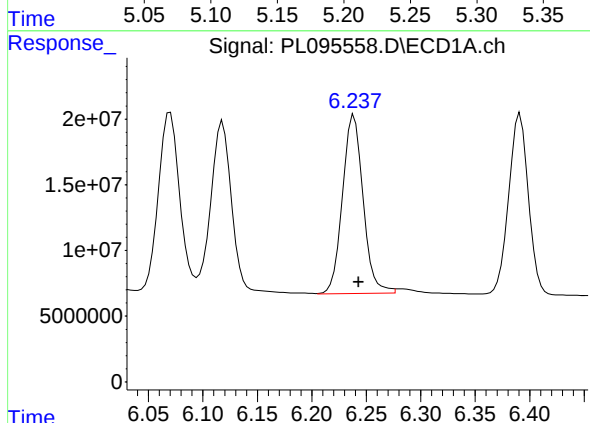
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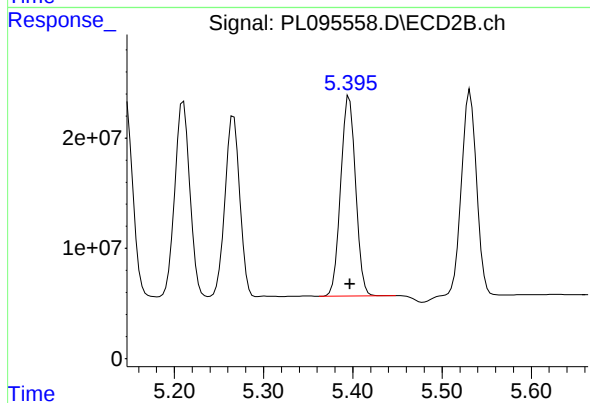
#11 alpha-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 208313818
Conc: 52.33 ng/ml



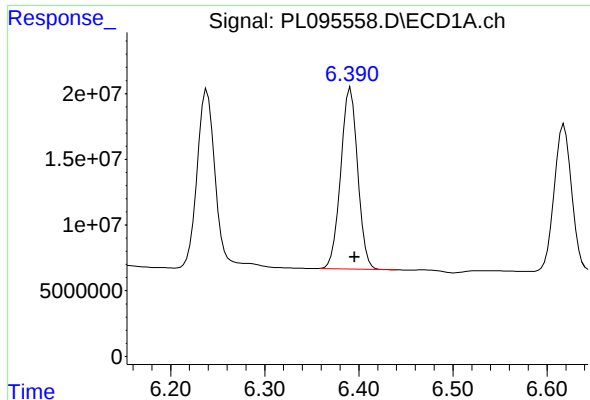
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.006 min
Response: 178462214
Conc: 45.52 ng/ml m



#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 210624421
Conc: 51.79 ng/ml



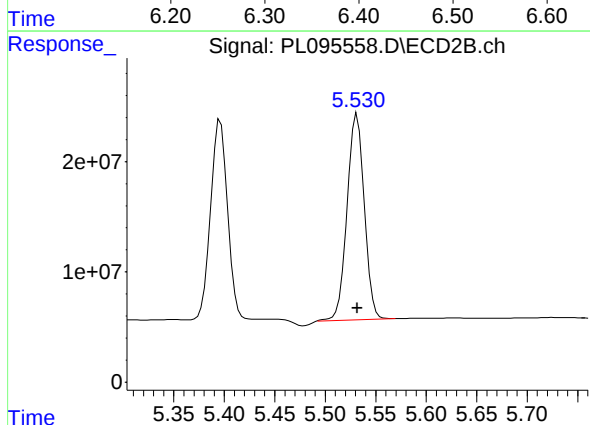
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 172754753
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

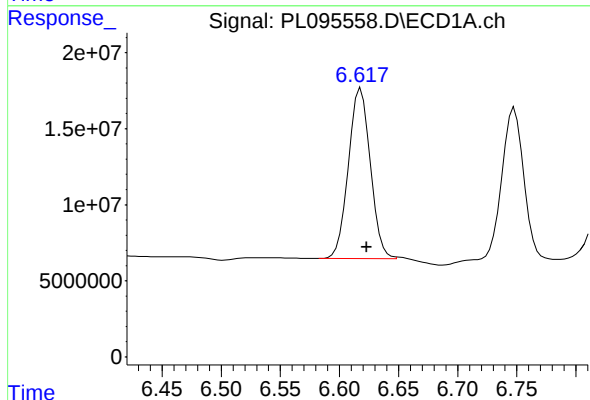
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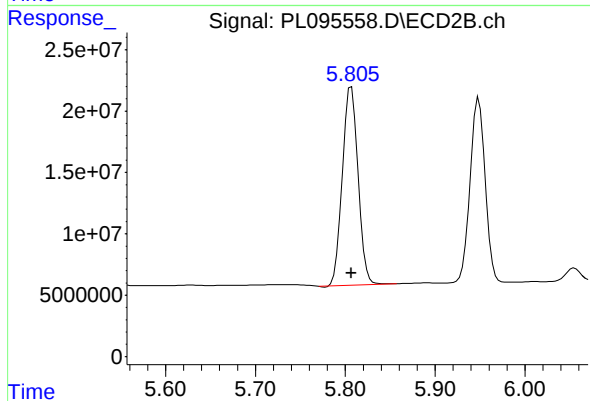
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 222388283
Conc: 54.68 ng/ml



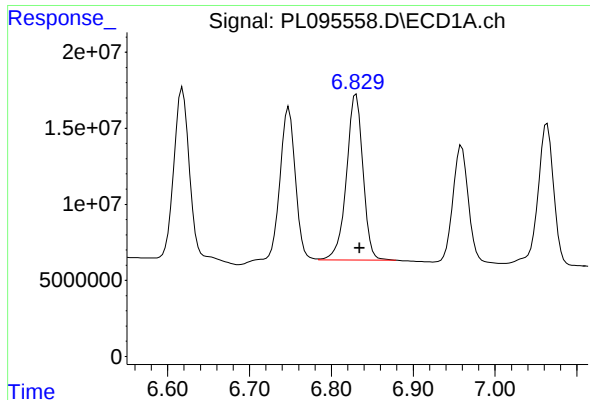
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 144707740
Conc: 45.44 ng/ml m



#14 Endrin

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 196027363
Conc: 53.84 ng/ml



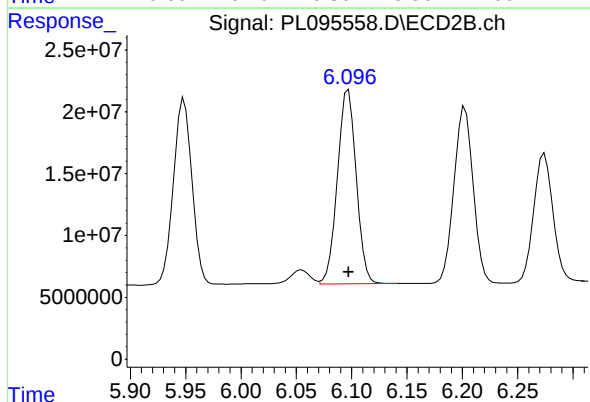
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.006 min
Response: 152981577
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

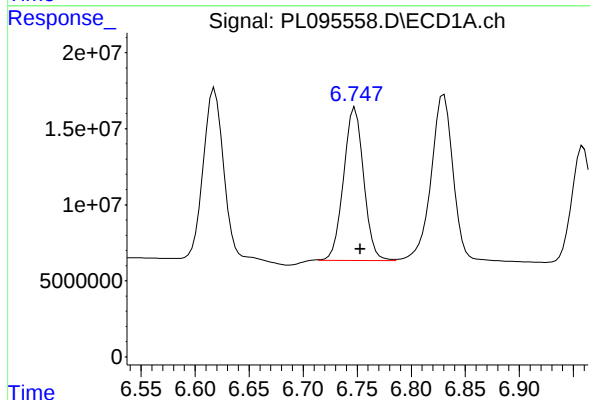
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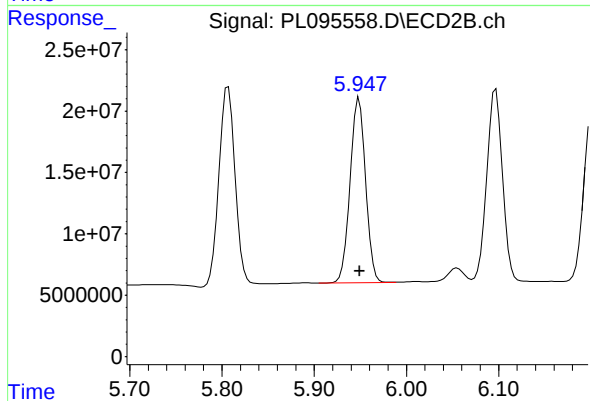
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 186031687
Conc: 51.80 ng/ml



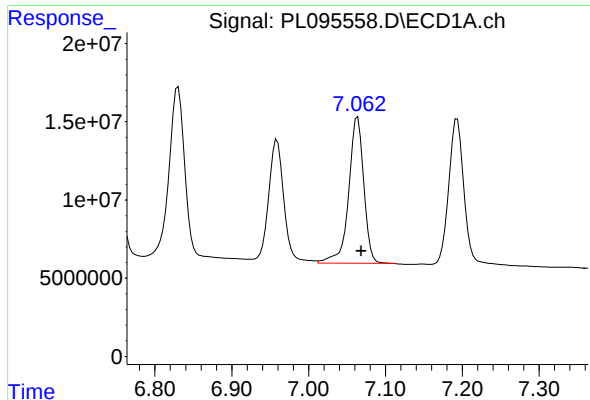
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 130301888
Conc: 46.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 175765246
Conc: 53.80 ng/ml



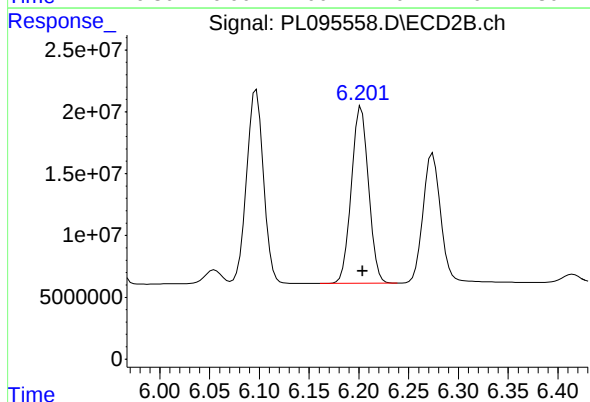
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 127608180
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

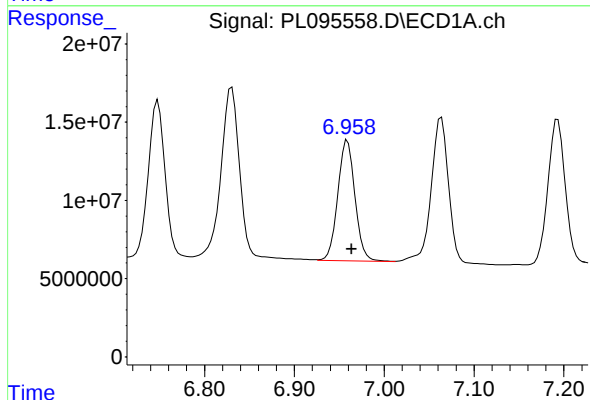
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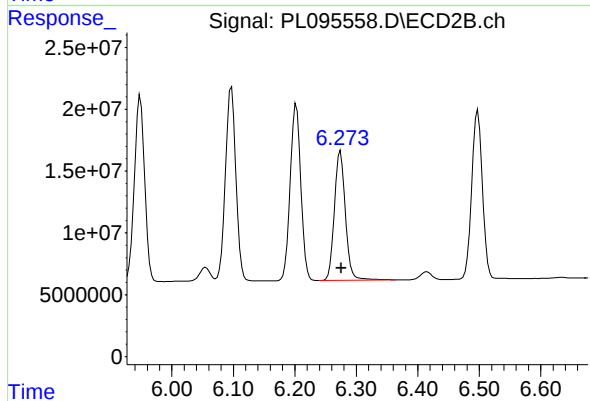
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 171659047
Conc: 49.96 ng/ml



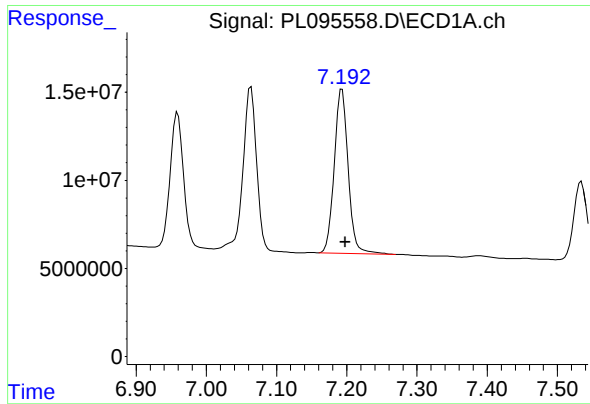
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.006 min
Response: 102325158
Conc: 44.09 ng/ml m



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 130441078
Conc: 49.92 ng/ml



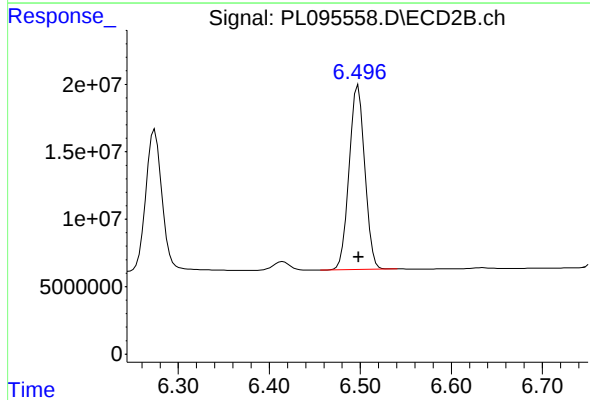
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 127929794
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

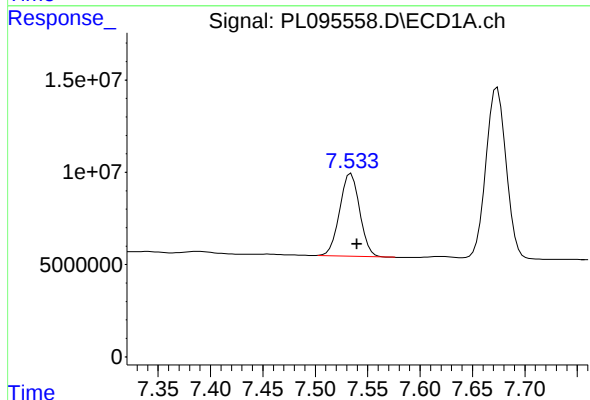
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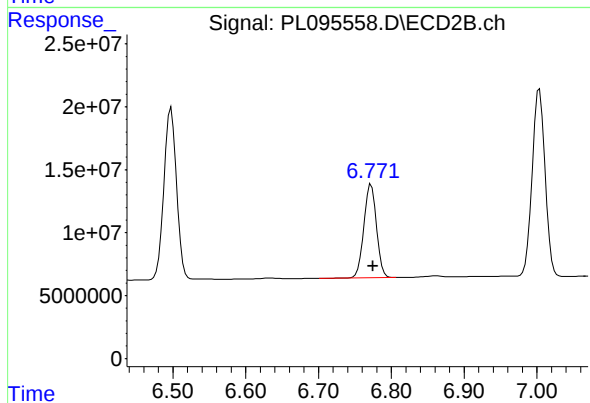
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 164039142
Conc: 49.44 ng/ml



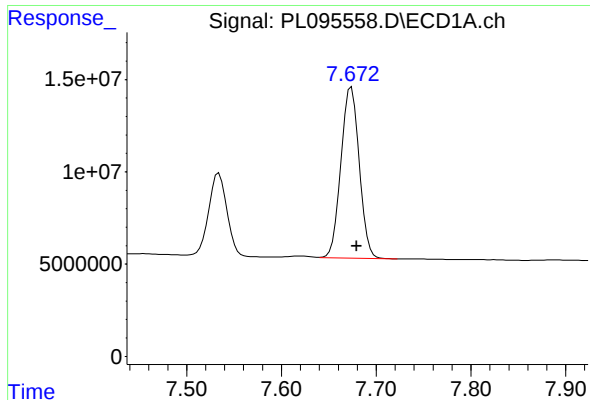
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 59369593
Conc: 42.55 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 89350905
Conc: 46.84 ng/ml



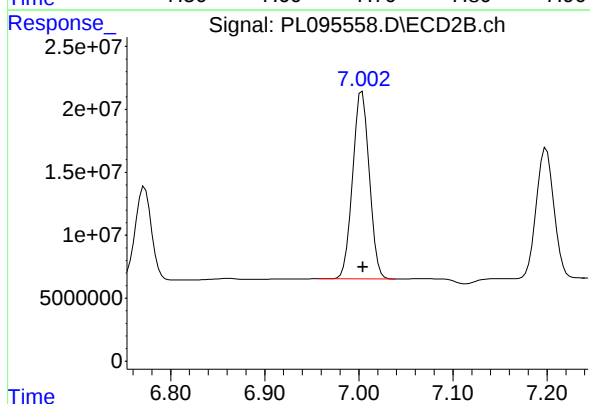
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 124316884
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

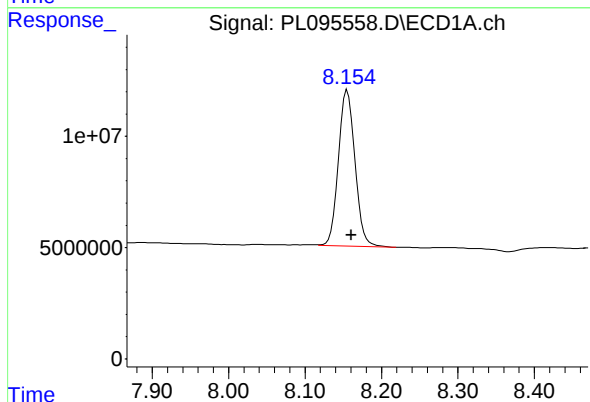
Manual Integrations
APPROVED

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



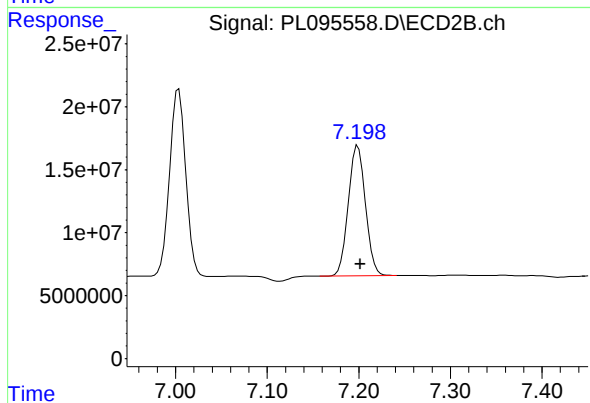
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 183204721
Conc: 52.03 ng/ml



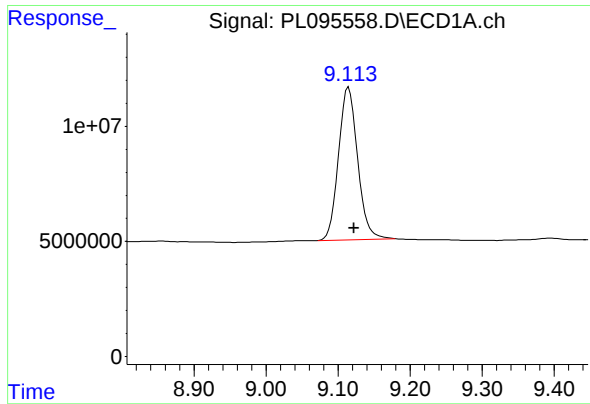
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.007 min
Response: 105891784
Conc: 44.57 ng/ml m



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.004 min
Response: 135355437
Conc: 46.96 ng/ml m



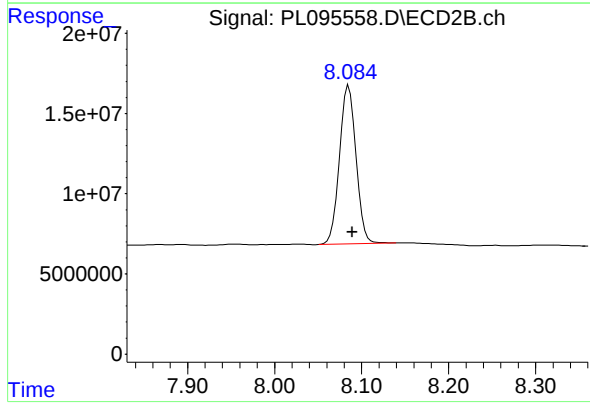
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.008 min
Response: 121920878
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 130813926
Conc: 44.20 ng/ml