

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050325\
 Data File : PL095499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 12:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:20:18 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...	3.594	2.911	136.9E6	158.8E6	41.919	49.949
28) SA Decachlor...	9.120	8.086	130.5E6	130.1E6	47.085	43.962
Target Compounds						
2) A alpha-BHC	4.046	3.420	210.5E6	241.3E6	42.500	54.249 #
3) MA gamma-BHC...	4.376	3.754	202.7E6	229.2E6	42.812m	52.114
4) MA Heptachlor	4.975	4.107	200.2E6	224.7E6	43.772	51.586
5) MB Aldrin	5.317	4.391	204.1E6	217.0E6	44.445	52.734m
6) B beta-BHC	4.563	4.047	87773683	102.9E6	42.454	49.584
7) B delta-BHC	4.810	4.283	200.2E6	229.6E6	43.039m	52.403
8) B Heptachlo...	5.736	4.895	181.4E6	194.4E6	45.285m	50.336
9) A Endosulfan I	6.120	5.268	176.0E6	174.1E6	46.358m	47.557
10) B gamma-Chl...	5.991	5.148	187.3E6	202.7E6	45.923m	50.025
11) B alpha-Chl...	6.072	5.212	186.0E6	197.4E6	45.751m	49.591
12) B 4,4'-DDE	6.242	5.398	181.6E6	196.4E6	46.315	48.295
13) MA Dieldrin	6.395	5.531	180.3E6	204.7E6	46.778	50.338m
14) MA Endrin	6.621	5.808	151.2E6	183.5E6	47.468m	50.395
15) B Endosulfa...	6.832	6.098	158.0E6	175.8E6	49.505m	48.952
16) A 4,4'-DDD	6.750	5.949	139.4E6	166.1E6	49.241m	50.839
17) MA 4,4'-DDT	7.067	6.203	142.9E6	172.8E6	50.153	50.276
18) B Endrin al...	6.962	6.275	109.8E6	130.0E6	47.323m	49.759
19) B Endosulfa...	7.197	6.498	134.7E6	160.0E6	48.090	48.234
20) A Methoxychlor	7.538	6.773	65703105	92962166	47.095	48.737
21) B Endrin ke...	7.677	7.004	137.9E6	178.8E6	48.370	50.768
22) Mirex	8.159	7.200	113.1E6	134.5E6	47.615	46.669

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050325\
Data File : PL095499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 12:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

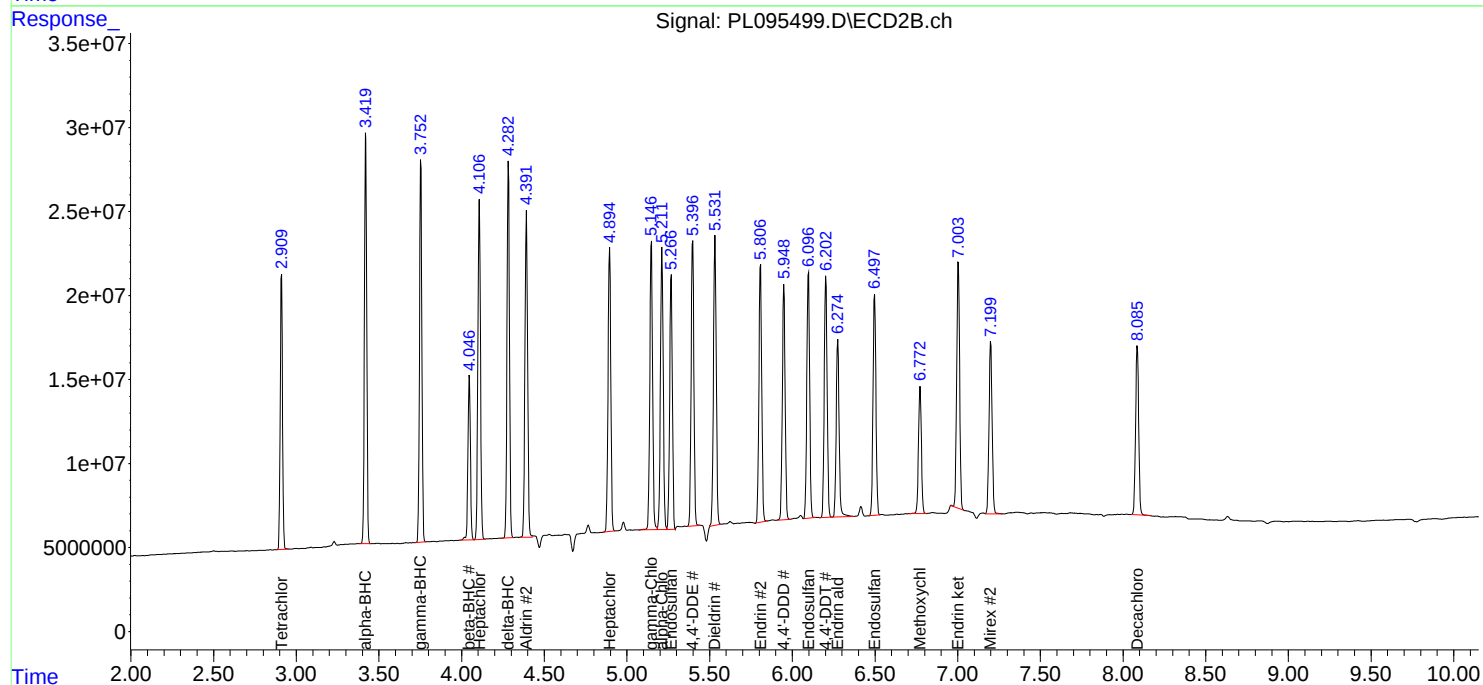
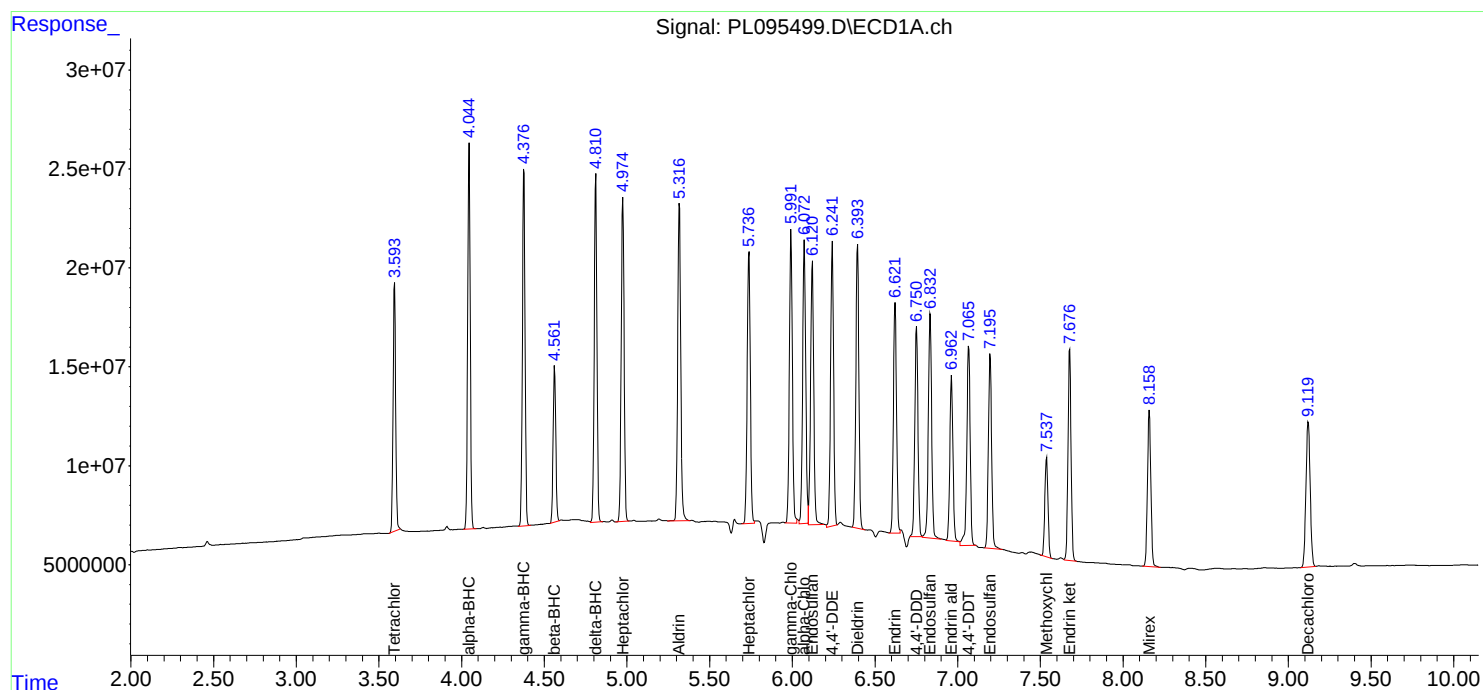
APPROVED

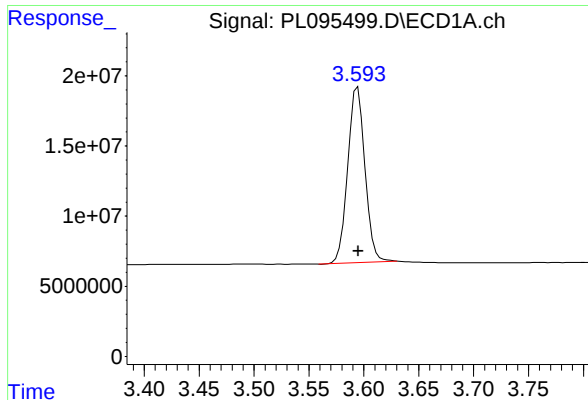
Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:20:18 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





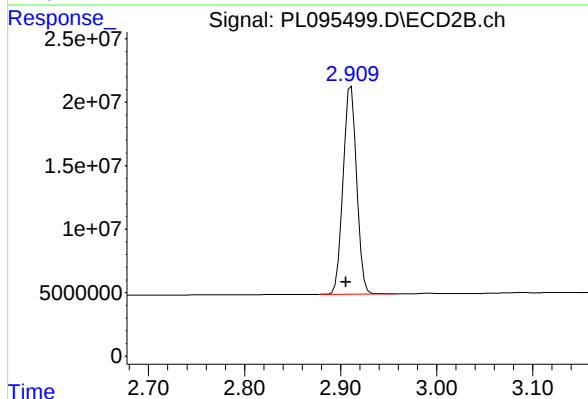
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 136850985
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

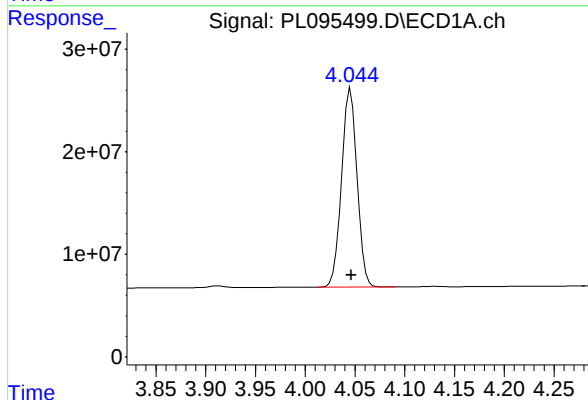
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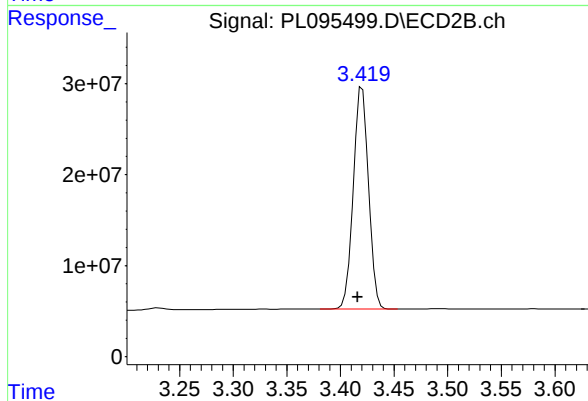
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.005 min
Response: 158824797
Conc: 49.95 ng/ml



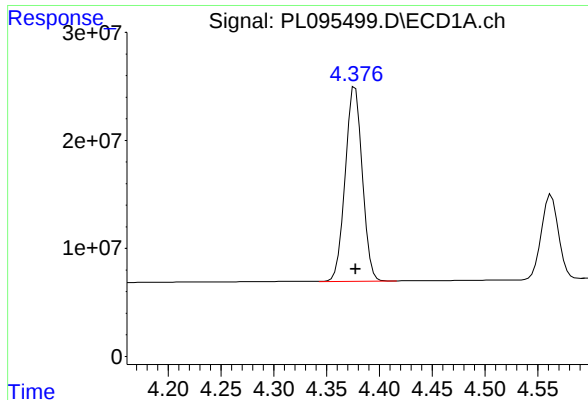
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 210536268
Conc: 42.50 ng/ml



#2 alpha-BHC

R.T.: 3.420 min
Delta R.T.: 0.004 min
Response: 241338373
Conc: 54.25 ng/ml



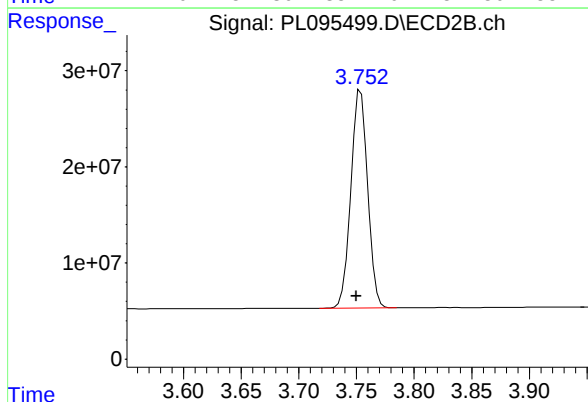
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 202669048
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

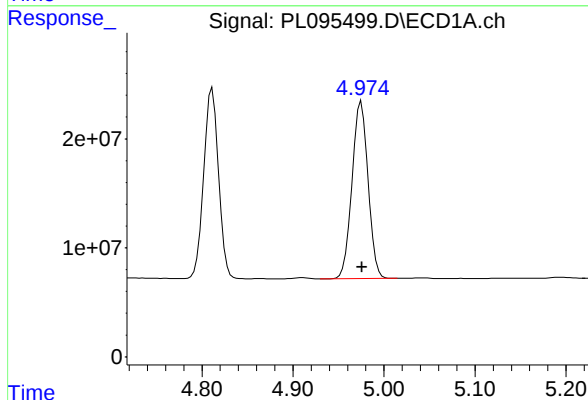
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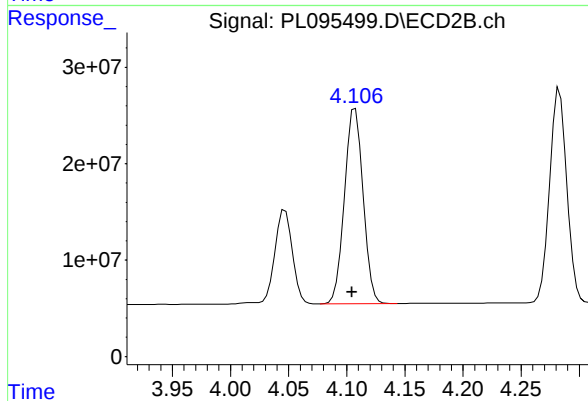
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 229211145
Conc: 52.11 ng/ml



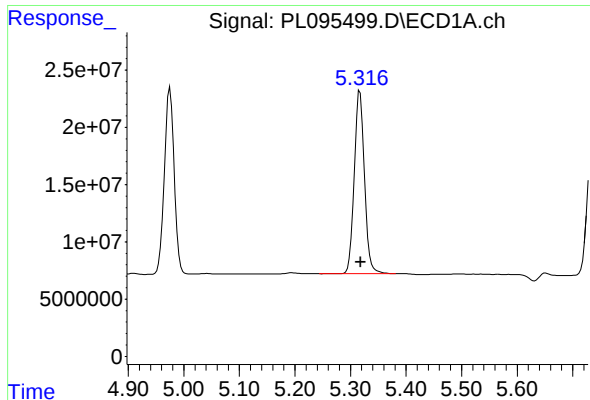
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 200234061
Conc: 43.77 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.003 min
Response: 224745360
Conc: 51.59 ng/ml



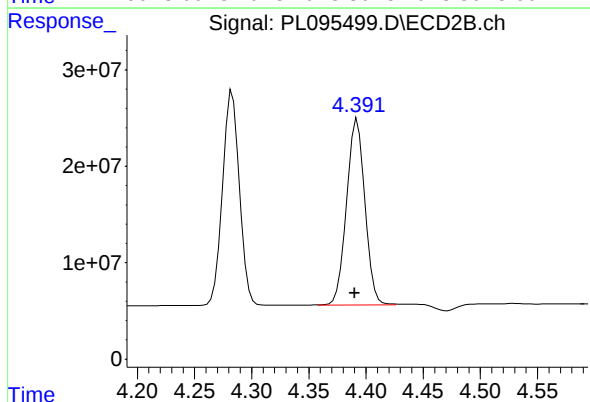
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 204135364
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

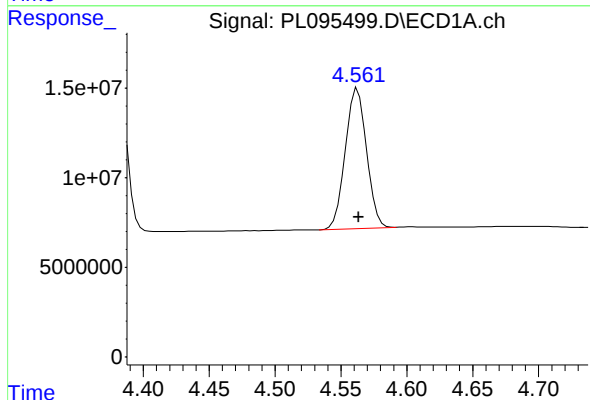
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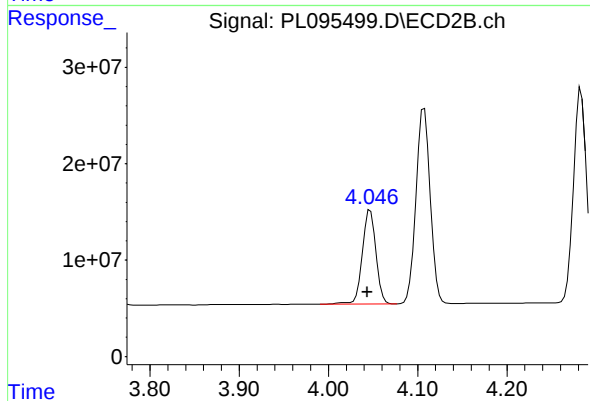
#5 Aldrin

R.T.: 4.391 min
Delta R.T.: 0.001 min
Response: 217035930
Conc: 52.73 ng/ml



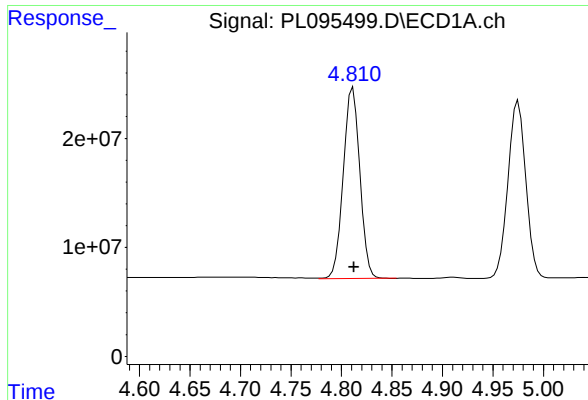
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 87773683
Conc: 42.45 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 102930098
Conc: 49.58 ng/ml



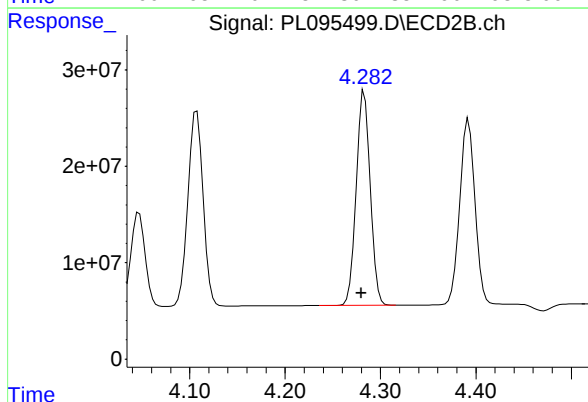
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 200161621
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

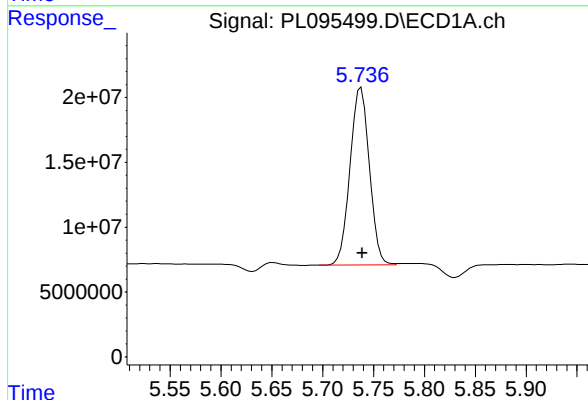
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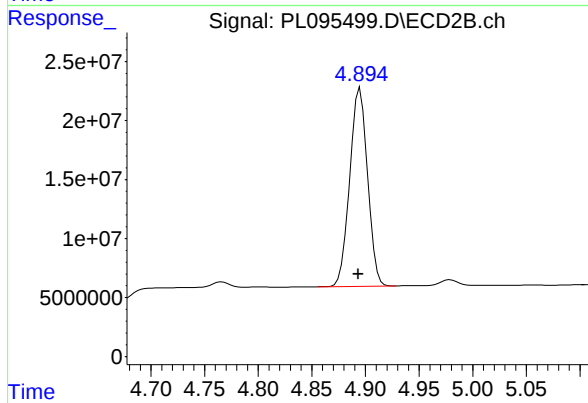
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.003 min
Response: 229625782
Conc: 52.40 ng/ml



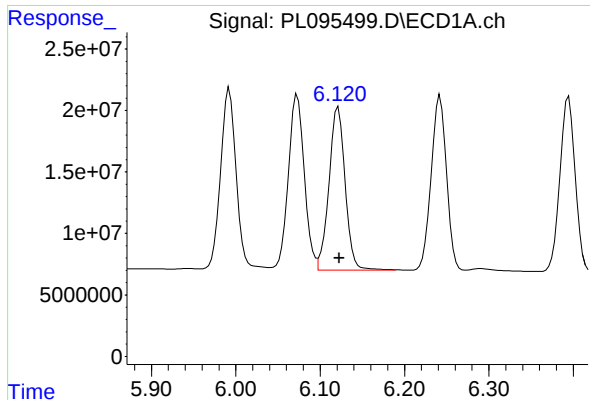
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 181375022
Conc: 45.29 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 194429050
Conc: 50.34 ng/ml



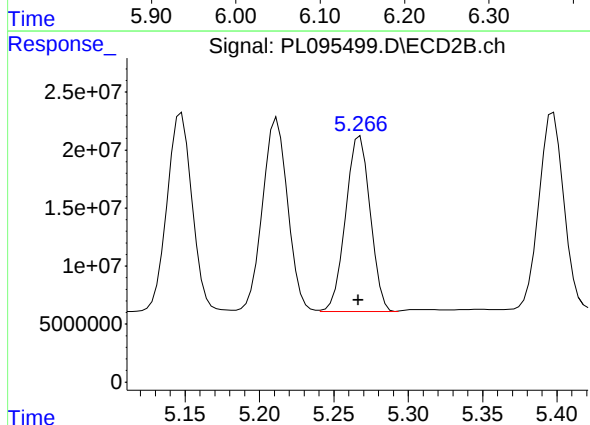
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 176044082
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

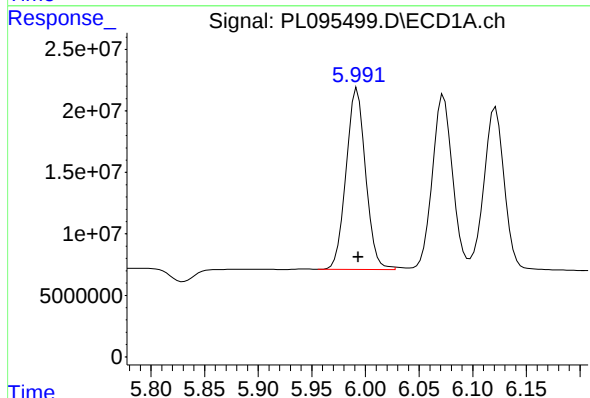
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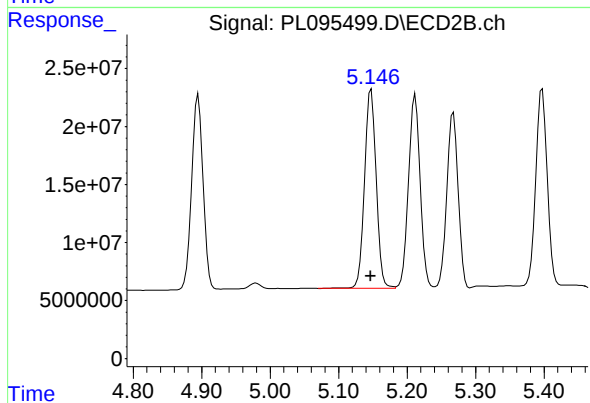
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.001 min
Response: 174078518
Conc: 47.56 ng/ml



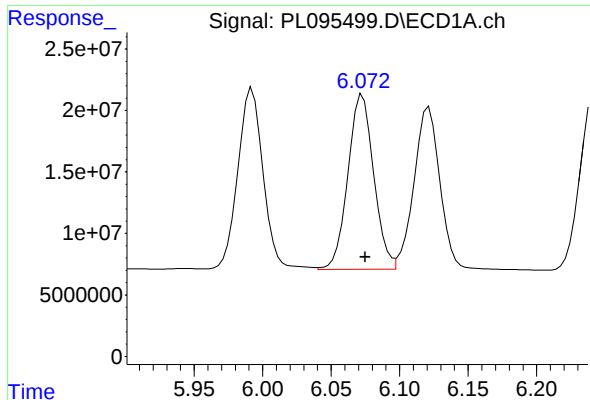
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 187335324
Conc: 45.92 ng/ml m



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.001 min
Response: 202734126
Conc: 50.02 ng/ml



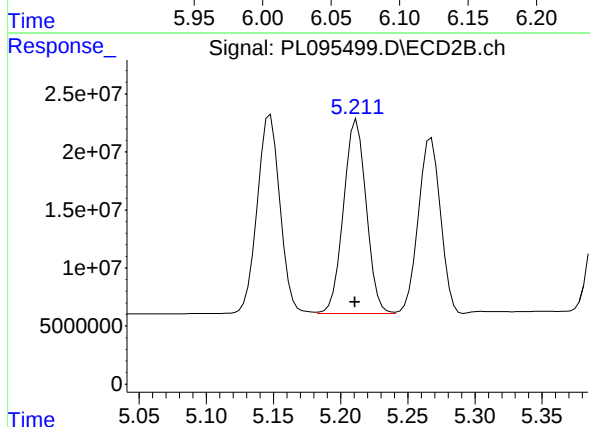
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 186026362
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

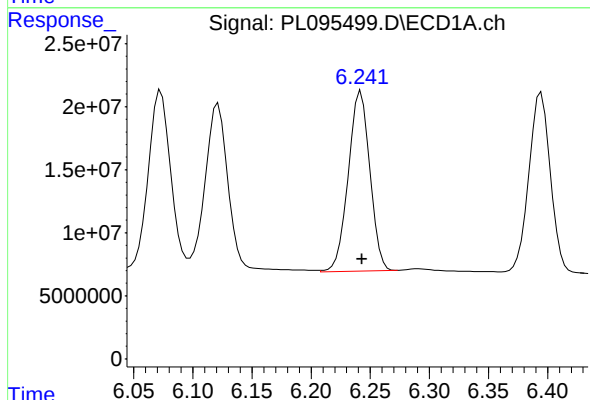
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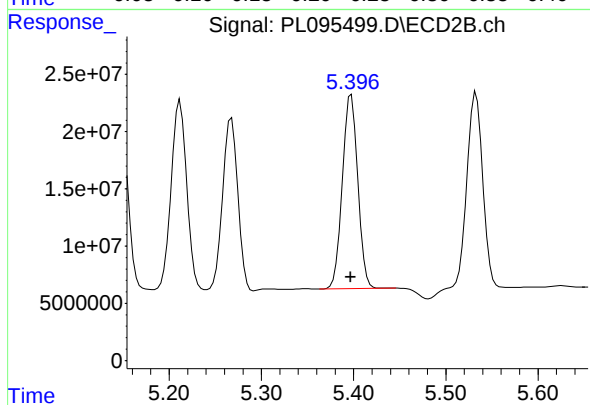
#11 alpha-Chlordane

R.T.: 5.212 min
Delta R.T.: 0.001 min
Response: 197425370
Conc: 49.59 ng/ml



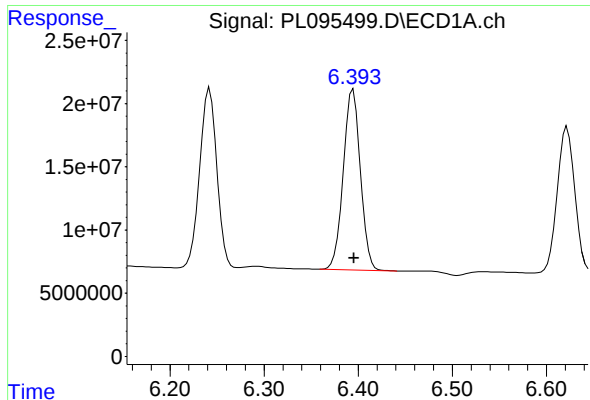
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 181580536
Conc: 46.32 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 196415025
Conc: 48.30 ng/ml



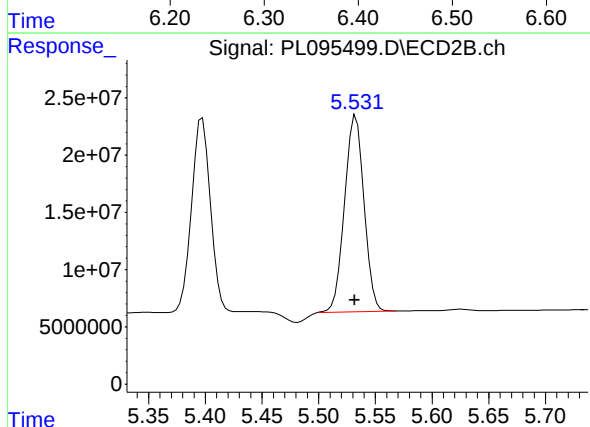
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 180322094
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

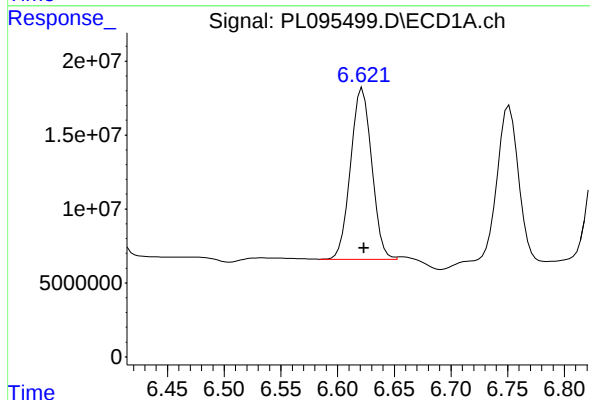
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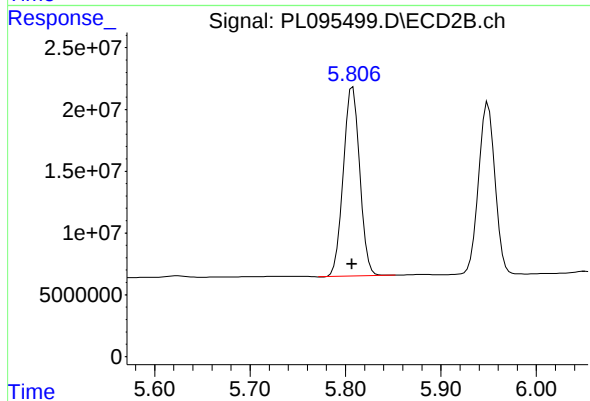
#13 Dieldrin

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 204729822
Conc: 50.34 ng/ml



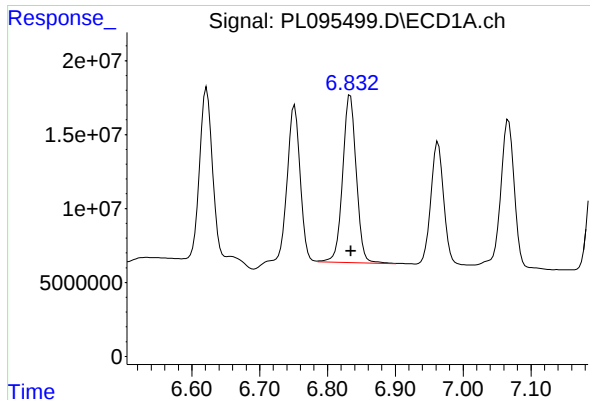
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 151174976
Conc: 47.47 ng/ml



#14 Endrin

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 183473643
Conc: 50.39 ng/ml



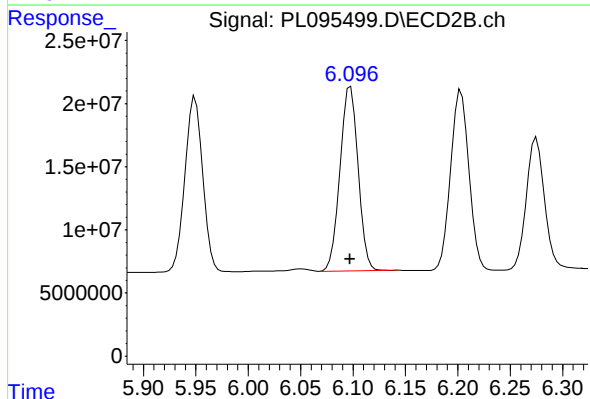
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 158029033
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

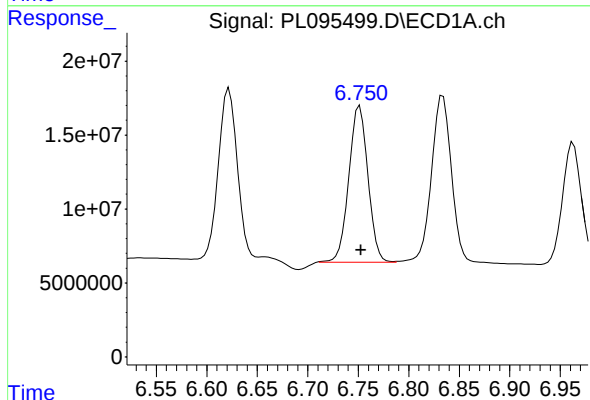
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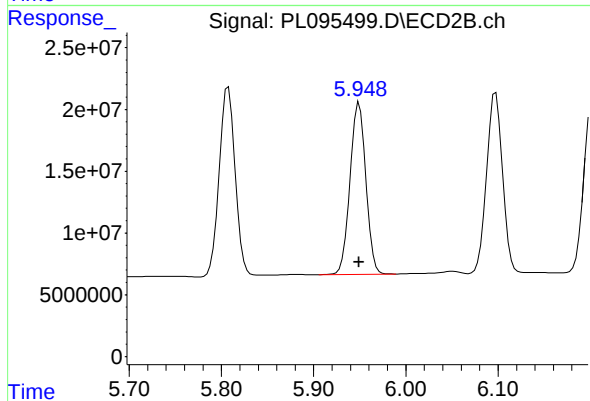
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 175790437
Conc: 48.95 ng/ml



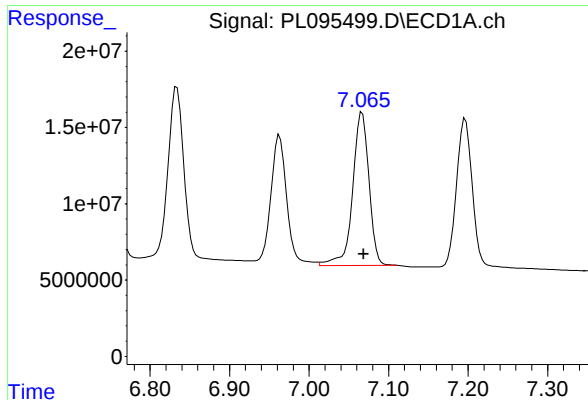
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 139399875
Conc: 49.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 166079501
Conc: 50.84 ng/ml



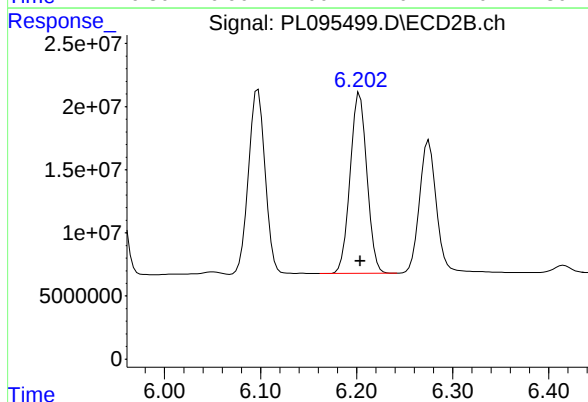
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 142865941
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

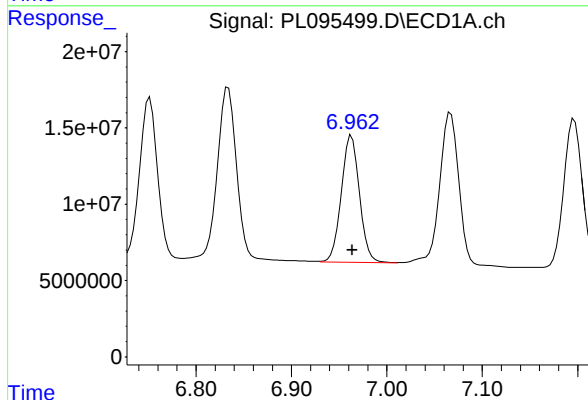
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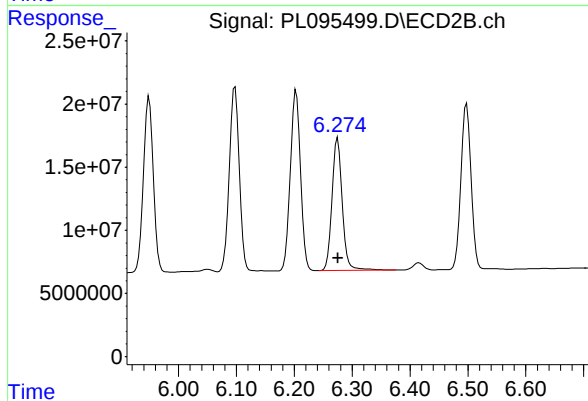
#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 172756096
Conc: 50.28 ng/ml



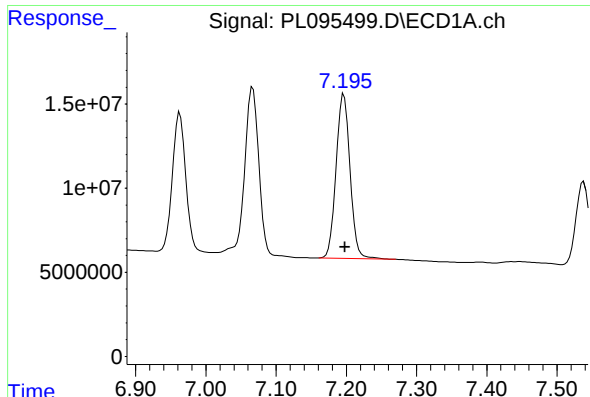
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 109827176
Conc: 47.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 130026847
Conc: 49.76 ng/ml



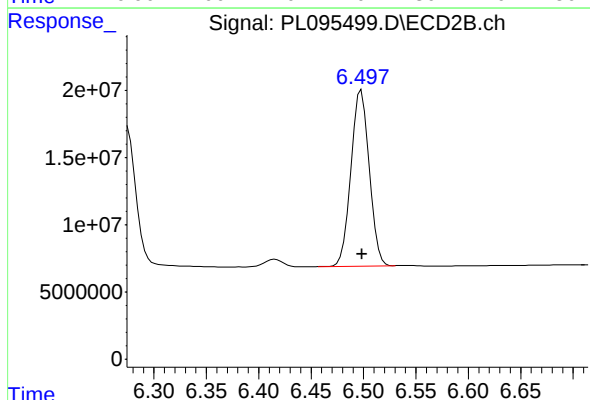
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 134738416
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

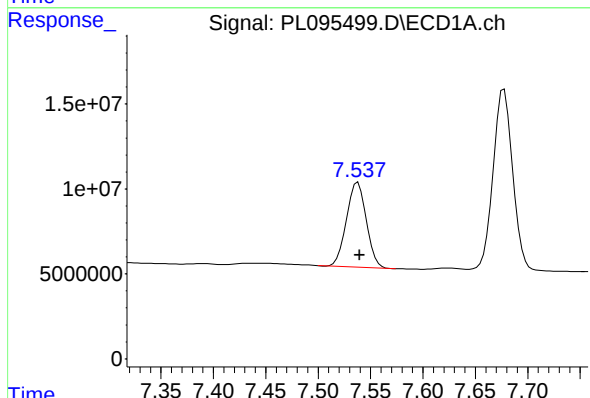
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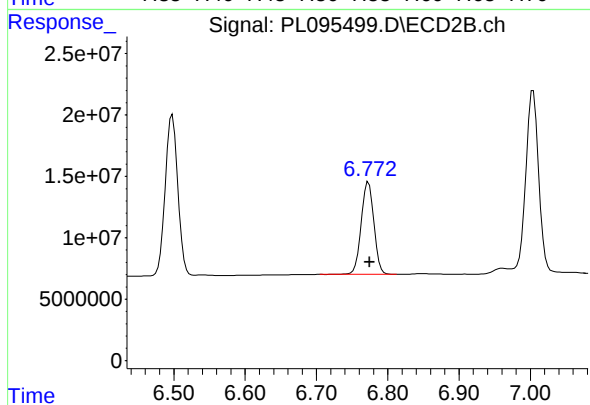
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 160038589
Conc: 48.23 ng/ml



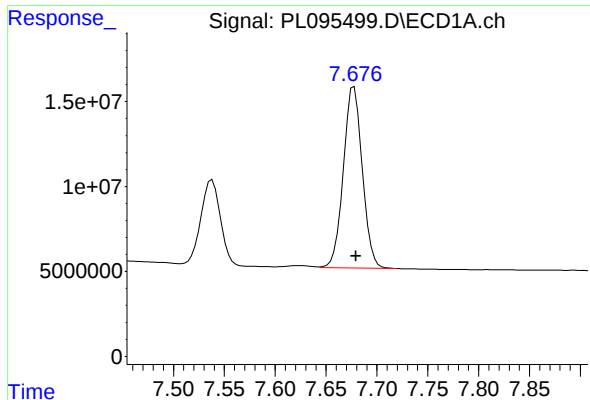
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 65703105
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 92962166
Conc: 48.74 ng/ml



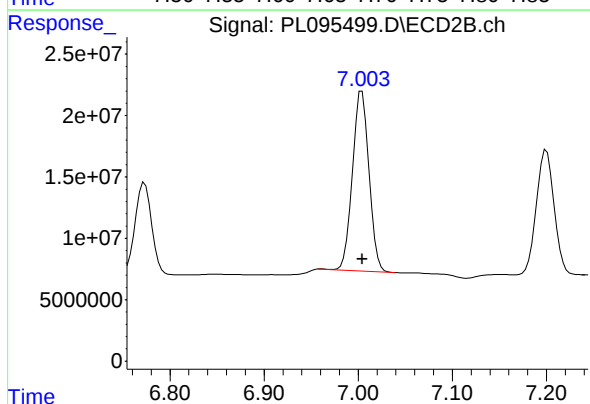
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 137895997
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

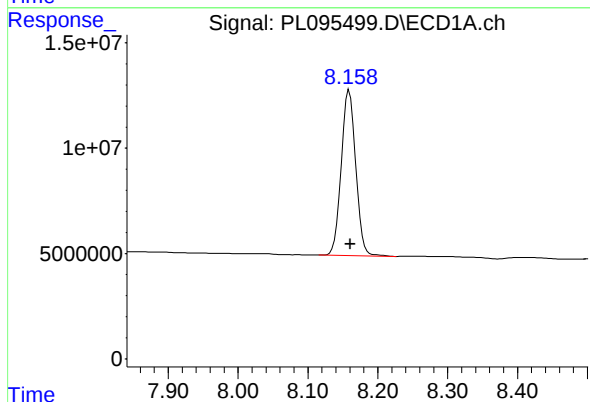
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



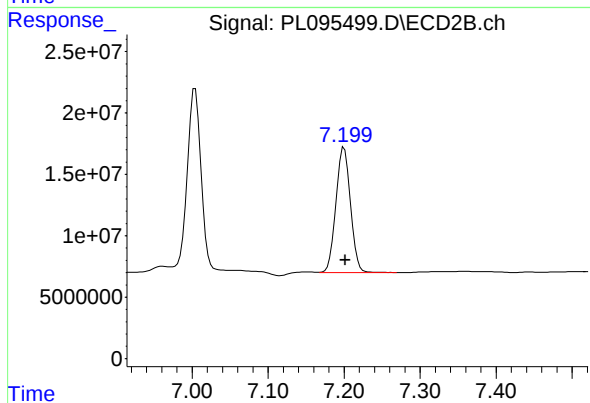
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 178770151
Conc: 50.77 ng/ml



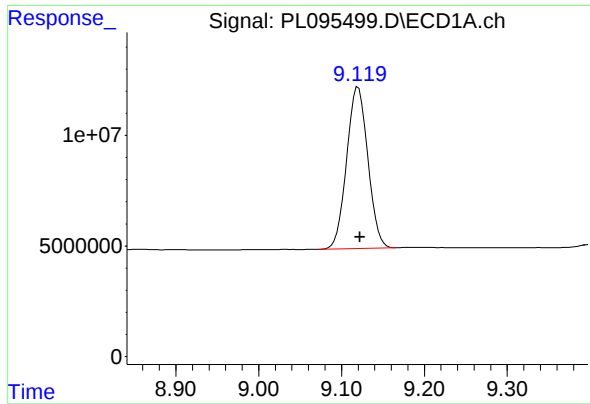
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 113134895
Conc: 47.61 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 134518980
Conc: 46.67 ng/ml



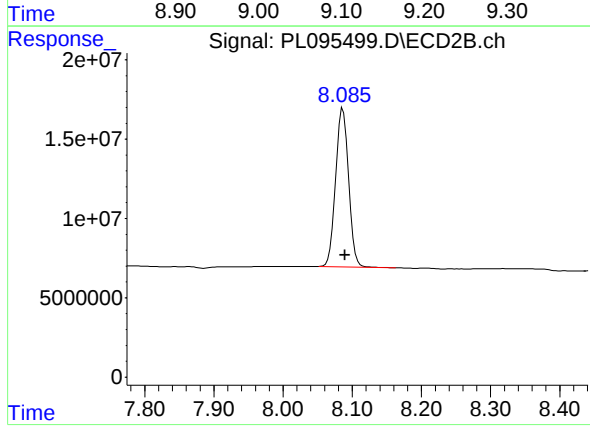
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 130463186
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 130095499
Conc: 43.96 ng/ml