

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
 Data File : PL094140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 15:32
 Operator : AR\AJ
 Sample : Q1346-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:30:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.774	54857851	69080387	20.372m	21.163
28) SA Decachlor...	9.053	7.908	36921968	52196206	17.650	14.896
Target Compounds						
2) A alpha-BHC	3.995	3.276	171.5E6	226.6E6	44.731	46.348
3) MA gamma-BHC...	4.326	3.606	165.9E6	213.7E6	45.049m	45.063
4) MA Heptachlor	4.915	3.944	146.1E6	212.1E6	44.568	45.564
5) MB Aldrin	5.257	4.224	140.9E6	202.4E6	43.073	44.369
6) B beta-BHC	4.525	3.907	71828279	106.3E6	44.688m	53.239
7) B delta-BHC	4.773	4.135	153.3E6	213.4E6	43.722	44.918
8) B Heptachlo...	5.683	4.726	127.1E6	183.6E6	42.756	43.921
9) A Endosulfan I	6.069	5.097	109.8E6	136.1E6	41.543	35.098
10) B gamma-Chl...	5.939	4.976	135.5E6	201.0E6	48.606	47.432
11) B alpha-Chl...	6.018	5.040	126.1E6	195.3E6	45.216	46.643
12) B 4,4'-DDE	6.191	5.228	109.1E6	219.6E6	44.798	54.760
13) MA Dieldrin	6.343	5.359	115.4E6	197.0E6	41.564	45.867m
14) MA Endrin	6.573	5.635	100.3E6	166.7E6	42.766	45.153m
15) B Endosulfa...	6.794	5.931	96840346	166.3E6	40.193	44.902
16) A 4,4'-DDD	6.710	5.783	92784714	139.9E6	48.820	44.315
17) MA 4,4'-DDT	7.023	6.033	105.3E6	174.7E6	53.421	53.687
18) B Endrin al...	6.923	6.110	72160584	110.3E6	37.119	36.243
19) B Endosulfa...	7.158	6.332	91725297	162.0E6	40.519	45.442
20) A Methoxychlor	7.497	6.607	44964268	72843318	43.094m	40.737m
21) B Endrin ke...	7.641	6.837	104.0E6	149.4E6	41.216m	35.610
22) Mirex	8.115	7.018	75642863	116.9E6	36.323	34.566

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 15:32
Operator : AR\AJ
Sample : Q1346-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

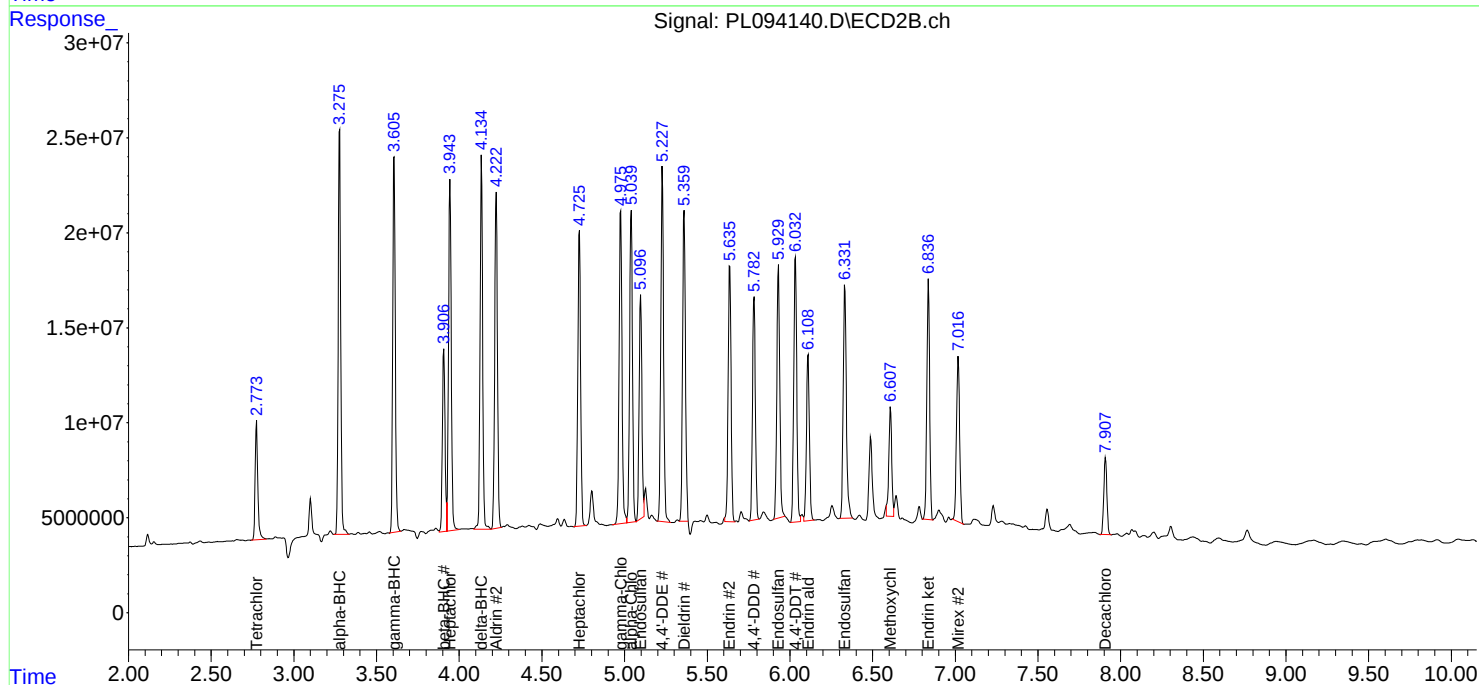
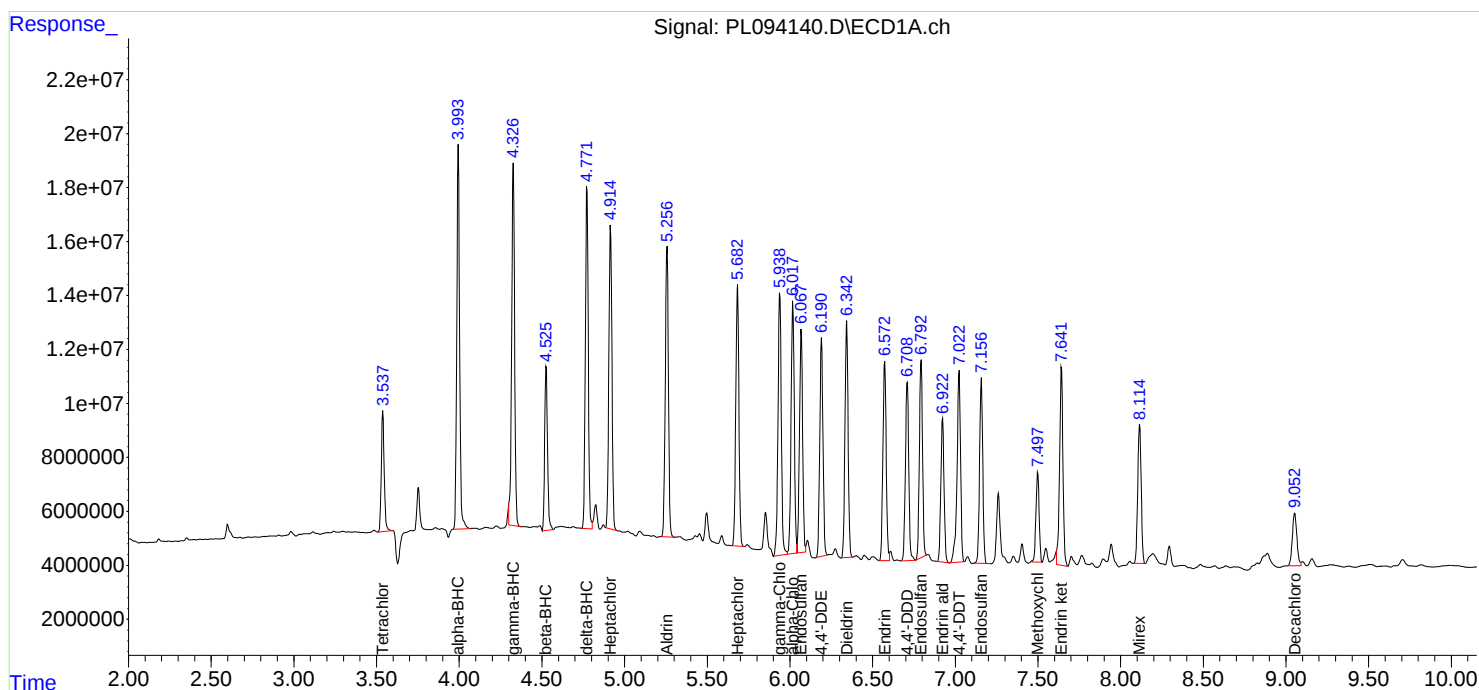
Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

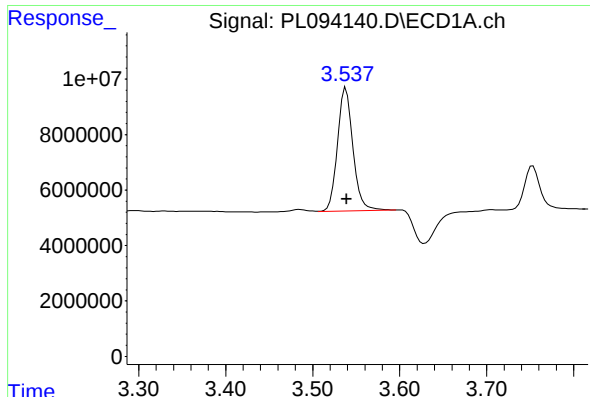
Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





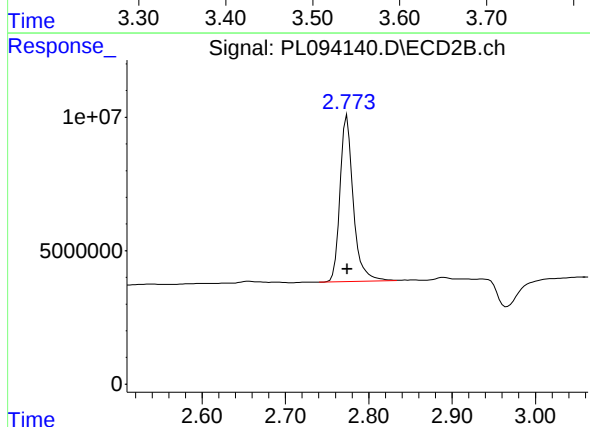
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 54857851
Conc: 20.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

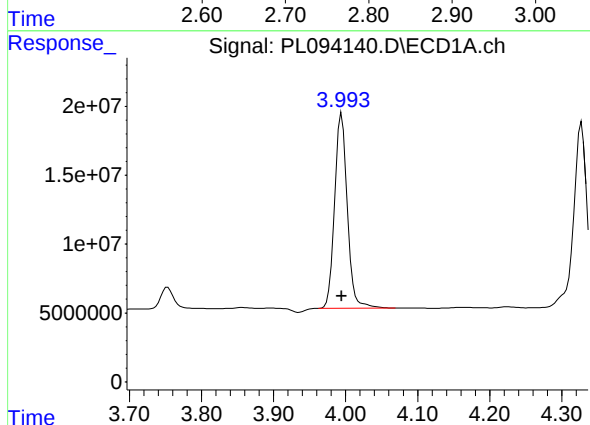
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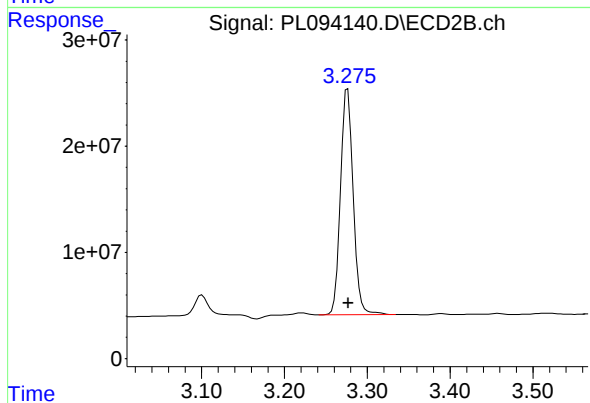
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 69080387
Conc: 21.16 ng/ml



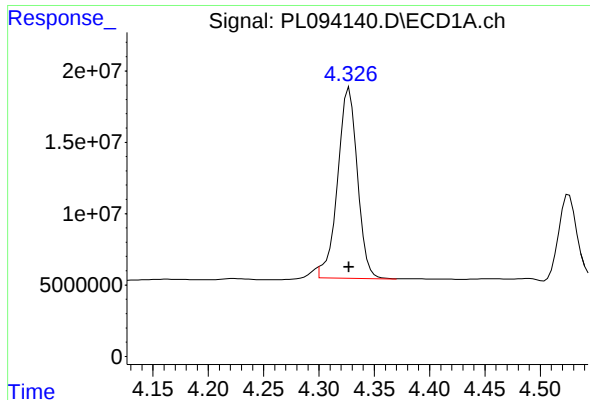
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 171489987
Conc: 44.73 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 226596228
Conc: 46.35 ng/ml



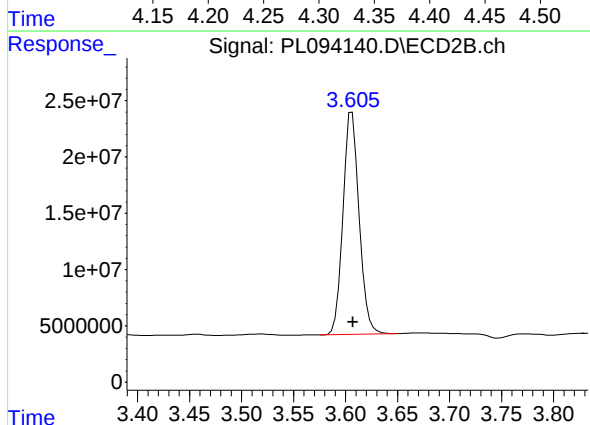
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 165907472
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

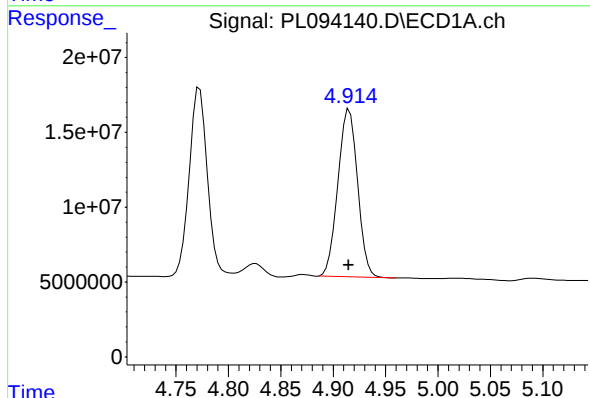
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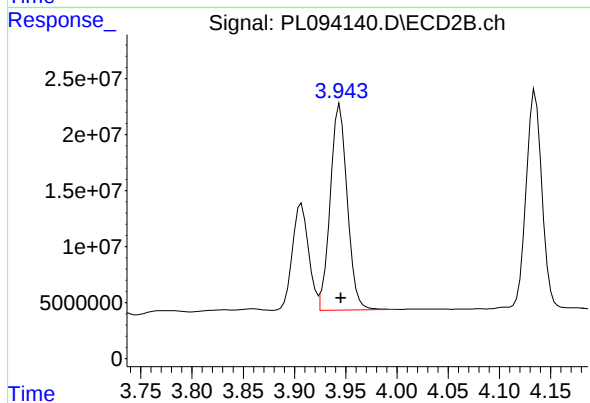
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 213652423
Conc: 45.06 ng/ml



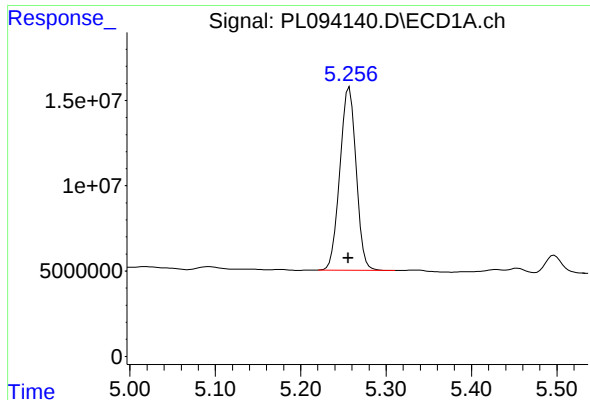
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 146064975
Conc: 44.57 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 212090535
Conc: 45.56 ng/ml



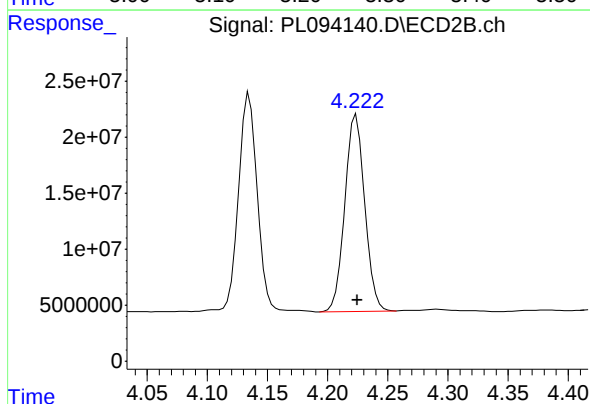
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 140933144
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

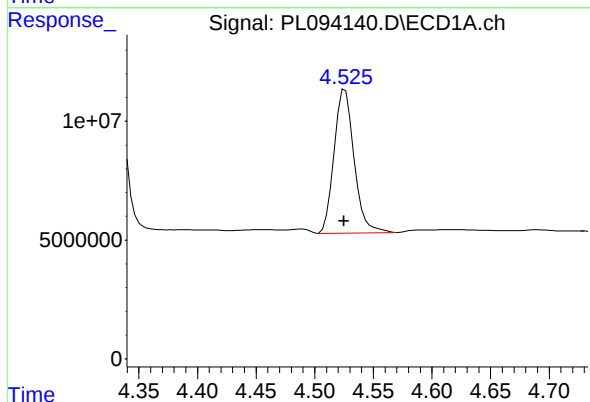
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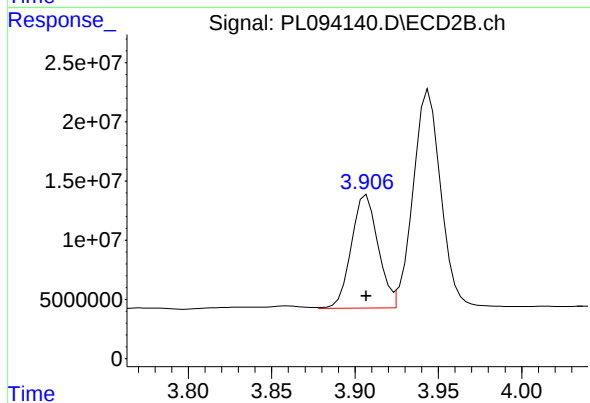
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 202402571
Conc: 44.37 ng/ml



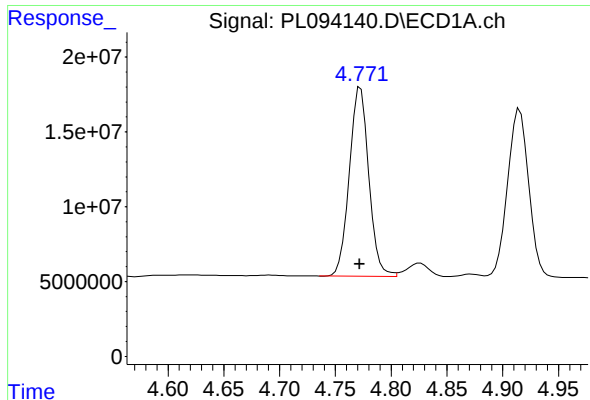
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 71828279
Conc: 44.69 ng/ml m



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 106340971
Conc: 53.24 ng/ml



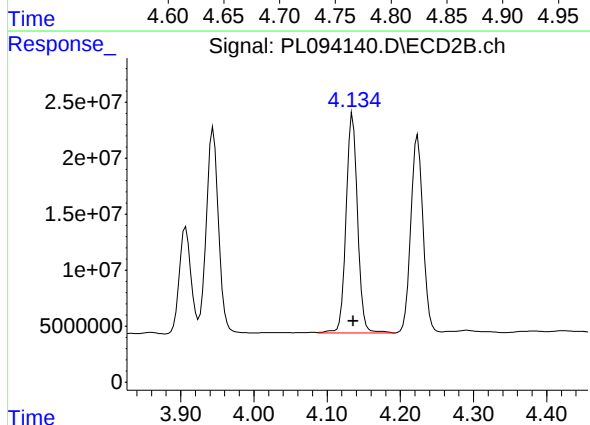
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 153259472
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

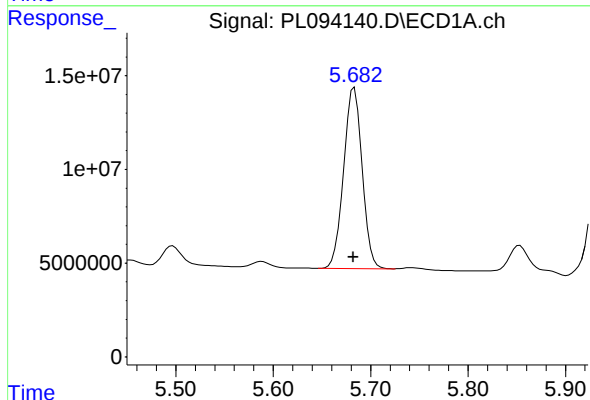
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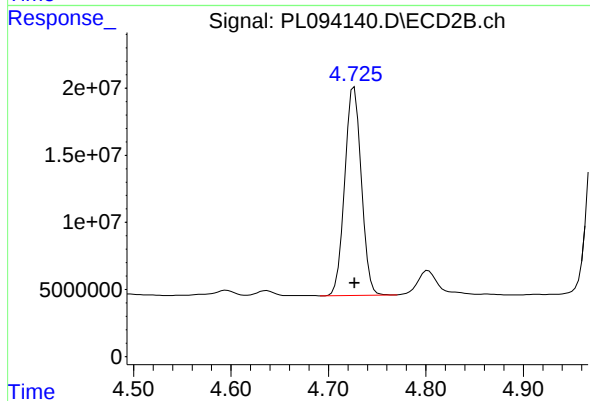
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 213416498
Conc: 44.92 ng/ml



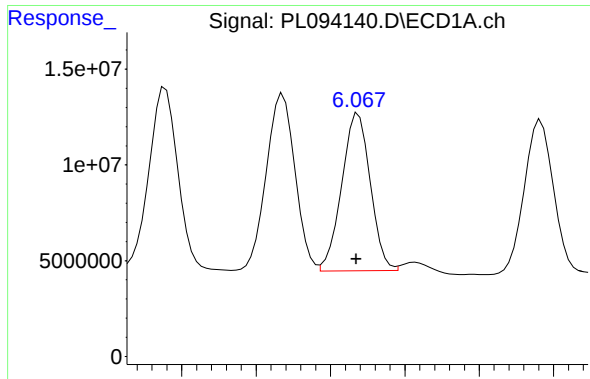
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 127147549
Conc: 42.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 183601750
Conc: 43.92 ng/ml



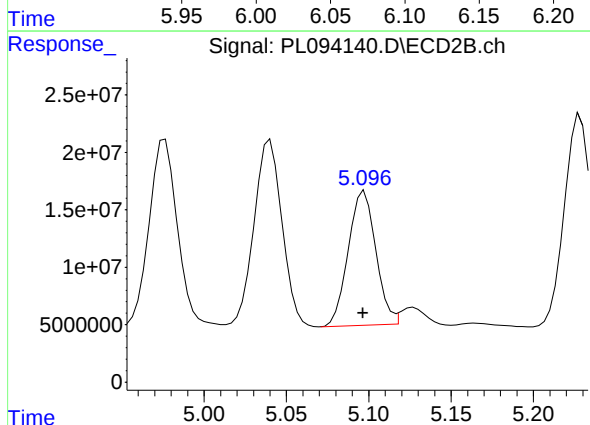
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 109792959
Conc: 41.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

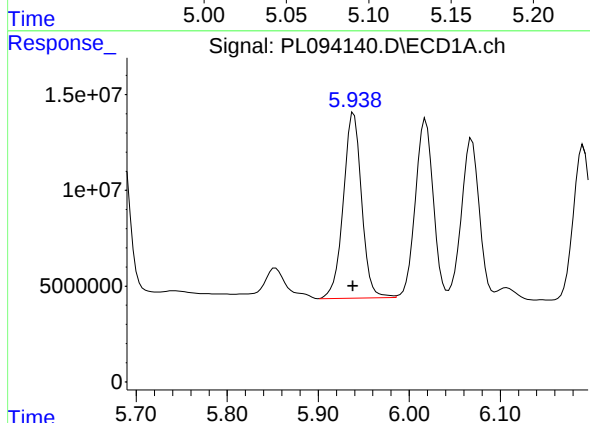
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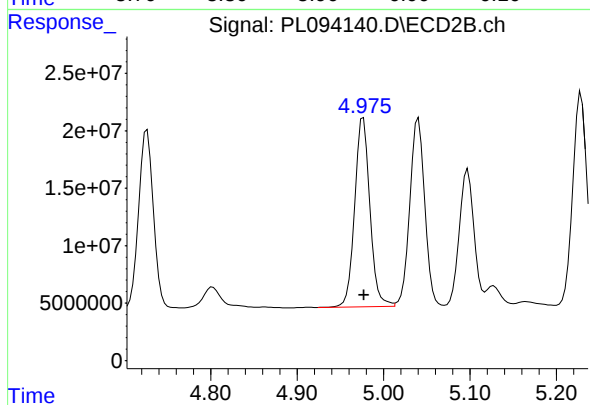
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 136071599
Conc: 35.10 ng/ml



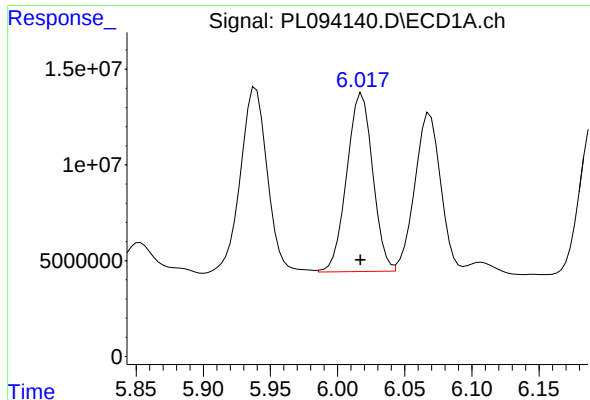
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 135481628
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 200999042
Conc: 47.43 ng/ml



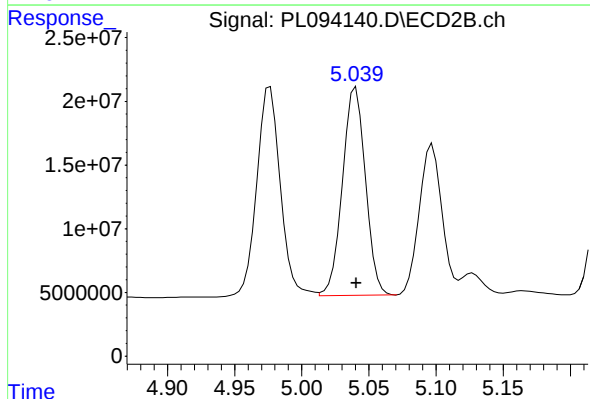
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 126079538
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

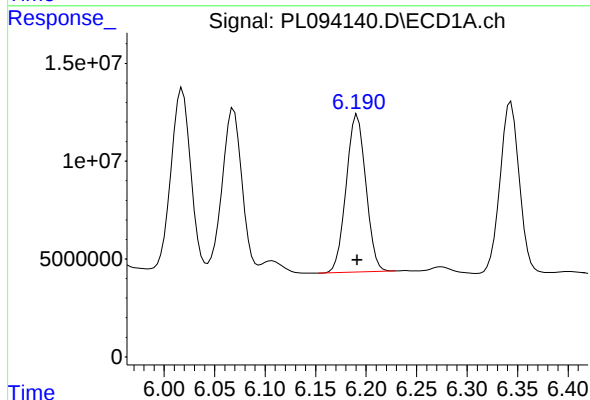
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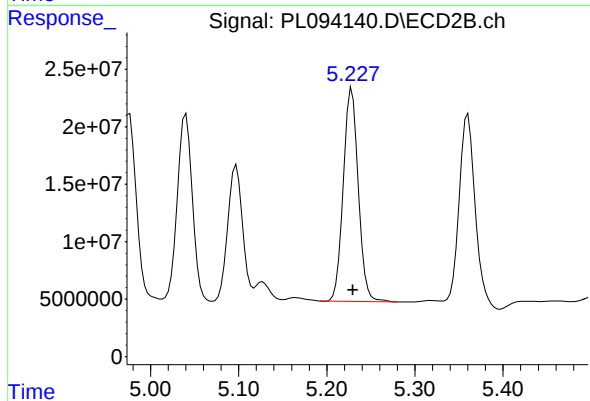
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 195274703
Conc: 46.64 ng/ml



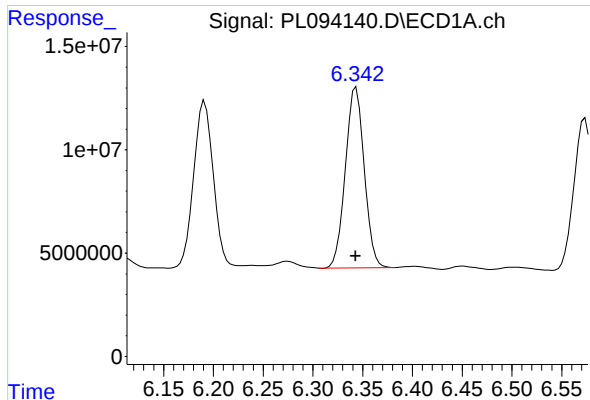
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 109065127
Conc: 44.80 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 219557443
Conc: 54.76 ng/ml



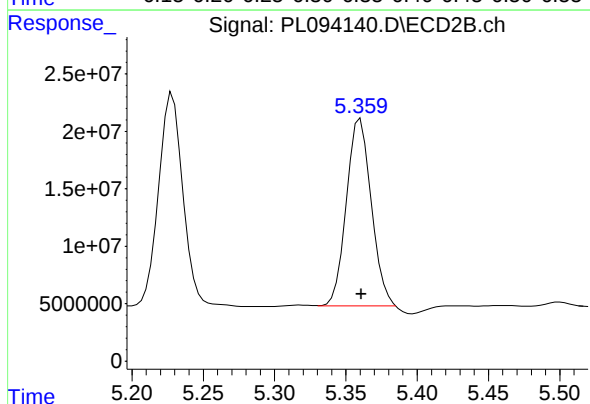
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 115375178
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

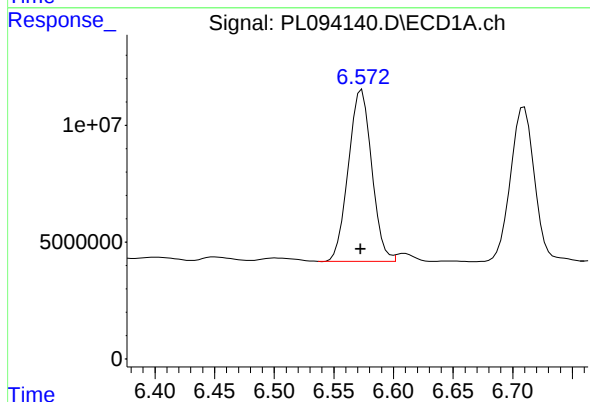
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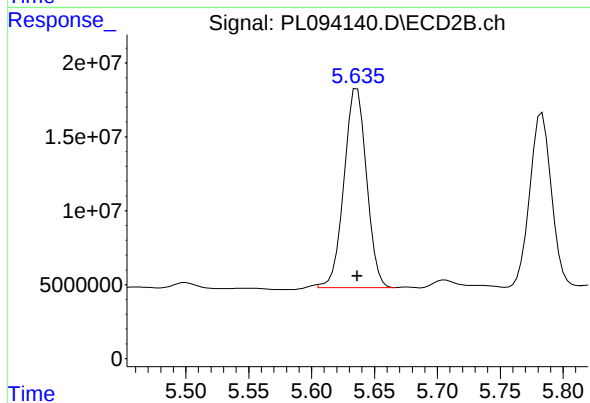
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 197027780
Conc: 45.87 ng/ml m



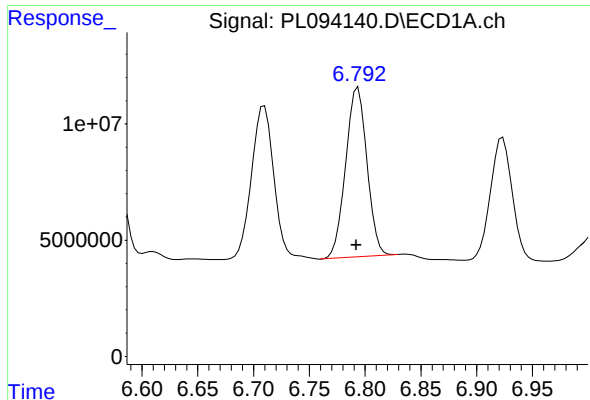
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 100279609
Conc: 42.77 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 166735470
Conc: 45.15 ng/ml m



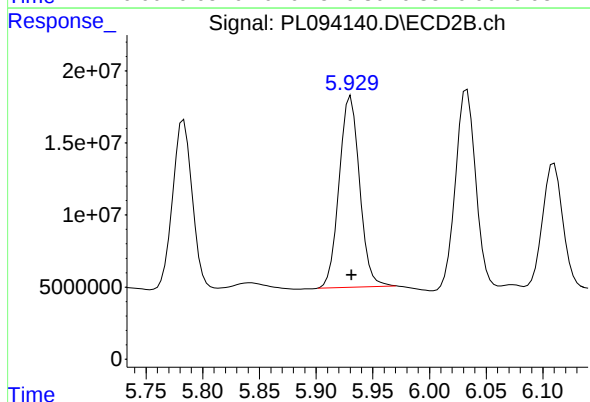
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.001 min
Response: 96840346
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

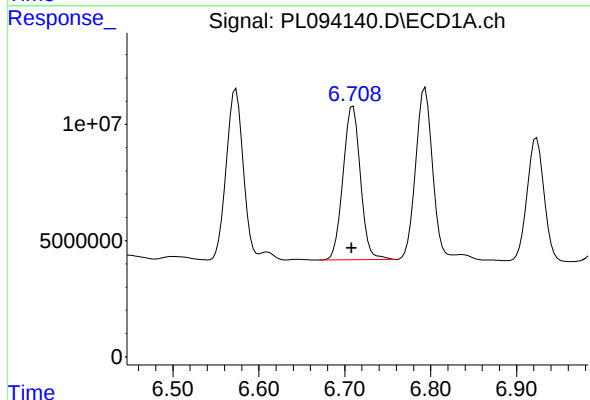
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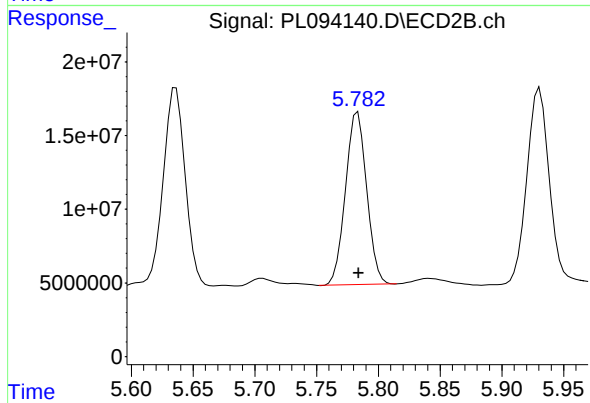
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 166307879
Conc: 44.90 ng/ml



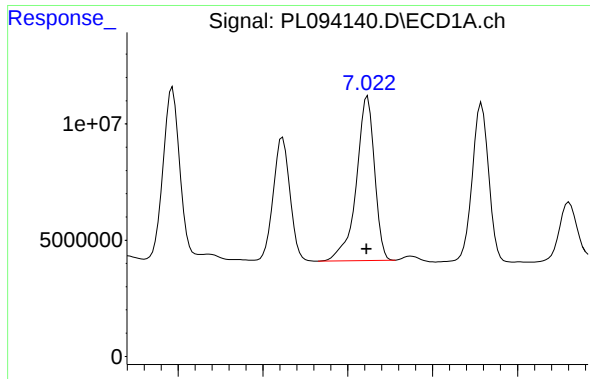
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 92784714
Conc: 48.82 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 139882749
Conc: 44.32 ng/ml



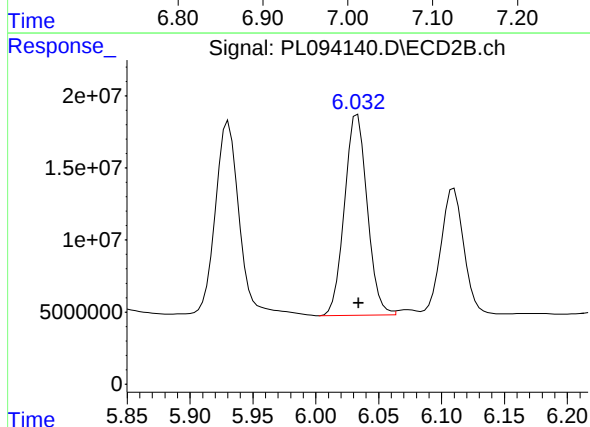
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 105348687
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

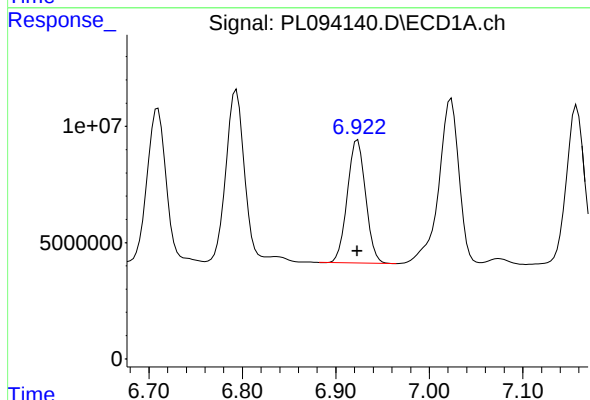
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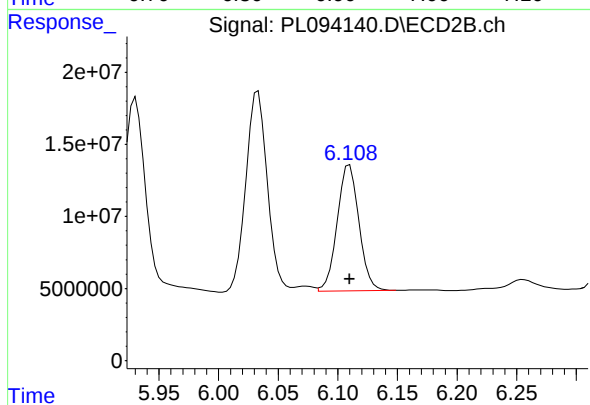
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 174698638
Conc: 53.69 ng/ml



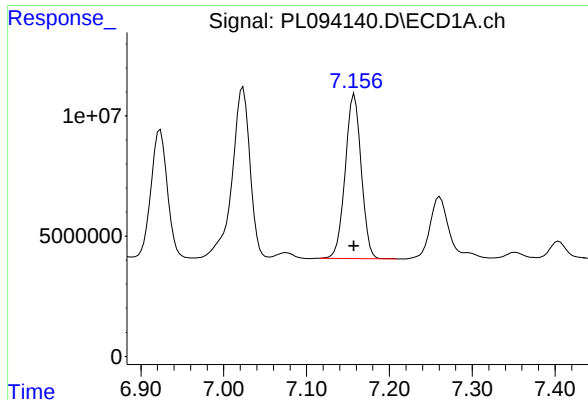
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 72160584
Conc: 37.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 110347362
Conc: 36.24 ng/ml



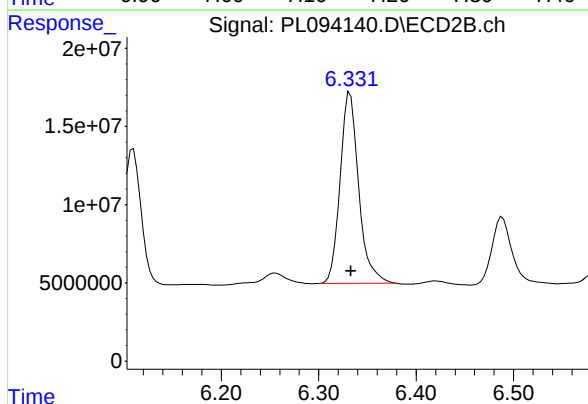
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 91725297
Conc: 40.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

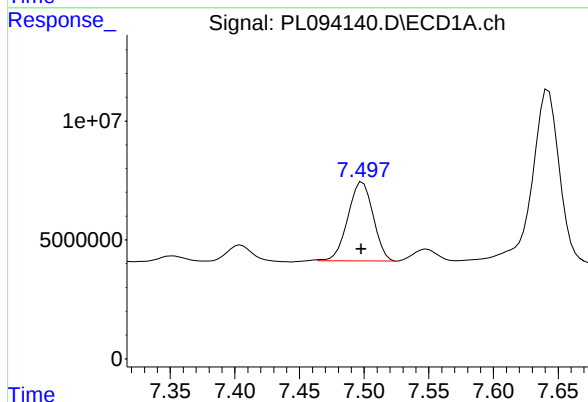
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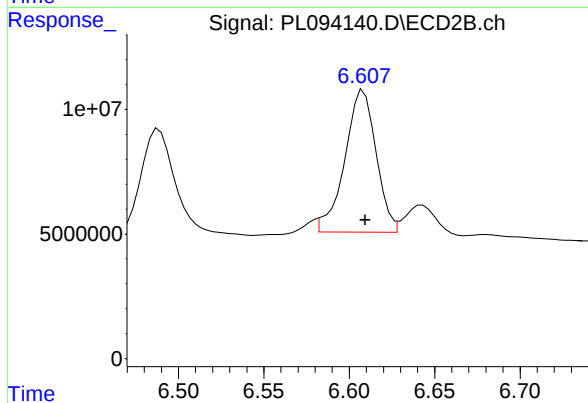
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 162049496
Conc: 45.44 ng/ml



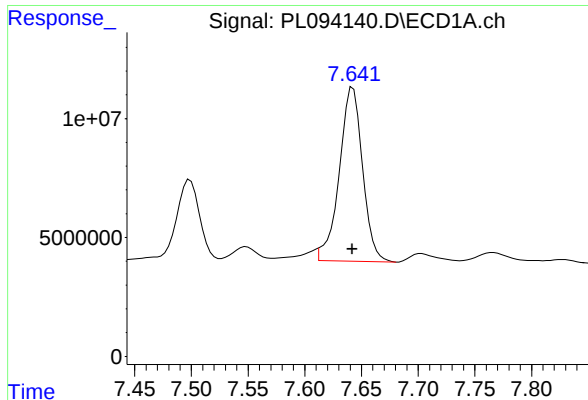
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 44964268
Conc: 43.09 ng/ml m



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 72843318
Conc: 40.74 ng/ml m



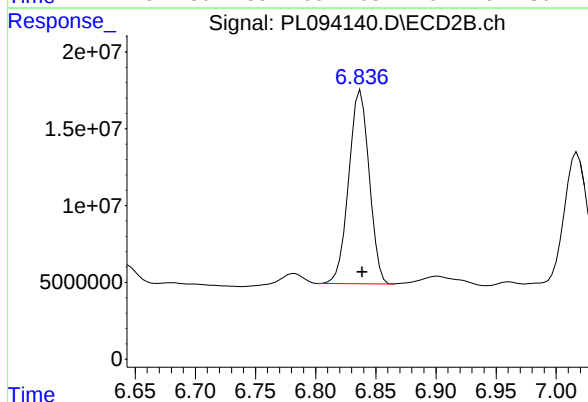
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 103972960
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

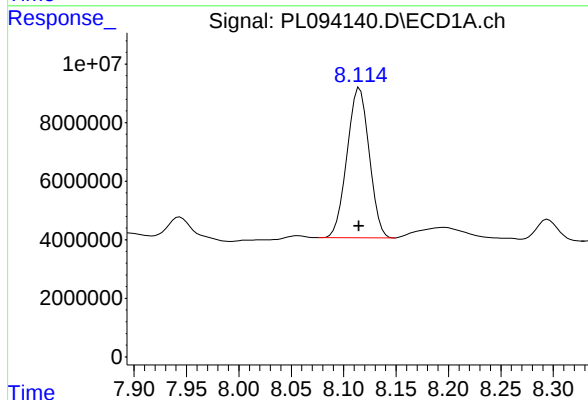
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



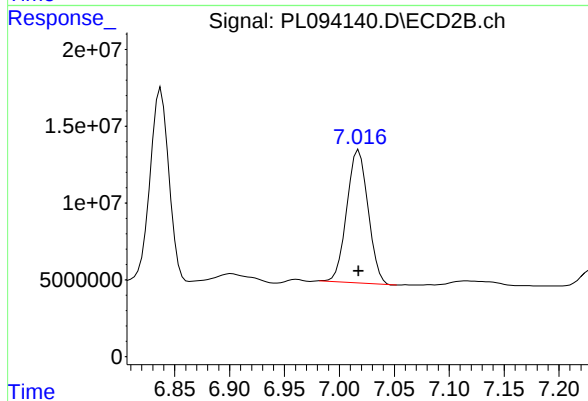
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.001 min
Response: 149391568
Conc: 35.61 ng/ml



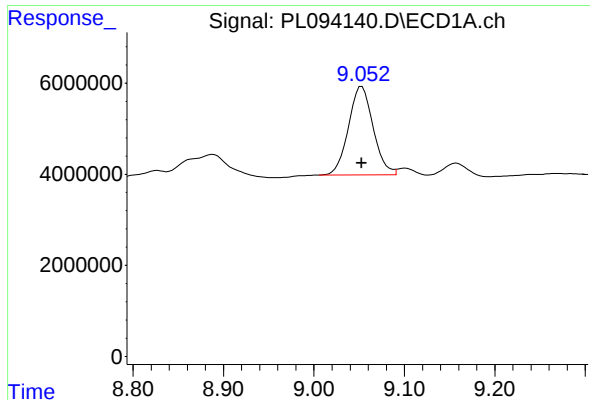
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 75642863
Conc: 36.32 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 116899386
Conc: 34.57 ng/ml



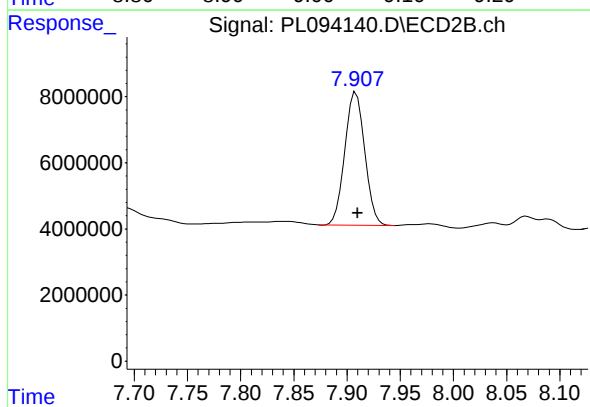
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 36921968
Conc: 17.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.001 min
Response: 52196206
Conc: 14.90 ng/ml