

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
 Data File : PL094141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 16:07
 Operator : AR\AJ
 Sample : Q1346-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMSD

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 00:30:27 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...	3.544	2.774	52948783	65721043	19.663m	20.134
28) SA Decachlor...	9.062	7.911	34433461	55472357	16.460	15.831
Target Compounds						
2) A alpha-BHC	4.002	3.277	164.6E6	215.0E6	42.921	43.970
3) MA gamma-BHC...	4.333	3.607	158.6E6	204.9E6	43.058m	43.224
4) MA Heptachlor	4.923	3.946	143.9E6	202.4E6	43.911	43.483
5) MB Aldrin	5.265	4.225	139.7E6	187.8E6	42.699	41.169
6) B beta-BHC	4.532	3.908	67471486	101.7E6	41.978m	50.911
7) B delta-BHC	4.780	4.136	149.2E6	197.6E6	42.578	41.599
8) B Heptachlo...	5.690	4.728	123.3E6	181.8E6	41.455	43.489
9) A Endosulfan I	6.074	5.097	109.6E6	136.8E6	41.455m	35.278m
10) B gamma-Chl...	5.946	4.978	131.0E6	197.3E6	47.011	46.554
11) B alpha-Chl...	6.025	5.041	121.1E6	189.7E6	43.437	45.315
12) B 4,4'-DDE	6.199	5.229	107.3E6	206.6E6	44.074	51.524m
13) MA Dieldrin	6.351	5.361	115.3E6	188.9E6	41.552	43.974m
14) MA Endrin	6.579	5.636	100.1E6	171.6E6	42.679m	46.471m
15) B Endosulfa...	6.801	5.932	96245581	168.1E6	39.947	45.378
16) A 4,4'-DDD	6.717	5.786	91284225	141.8E6	48.030	44.934
17) MA 4,4'-DDT	7.030	6.036	105.5E6	180.1E6	53.508	55.339
18) B Endrin al...	6.931	6.112	71807937	113.4E6	36.937	37.236
19) B Endosulfa...	7.165	6.335	91595190	159.3E6	40.462	44.669
20) A Methoxychlor	7.506	6.609	44213116	70324132	42.374	39.328m
21) B Endrin ke...	7.649	6.840	101.0E6	156.4E6	40.025m	37.287
22) Mirex	8.121	7.019	77292722	122.3E6	37.116m	36.165m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 16:07
Operator : AR\AJ
Sample : Q1346-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL-COMPMSD

Manual Integrations

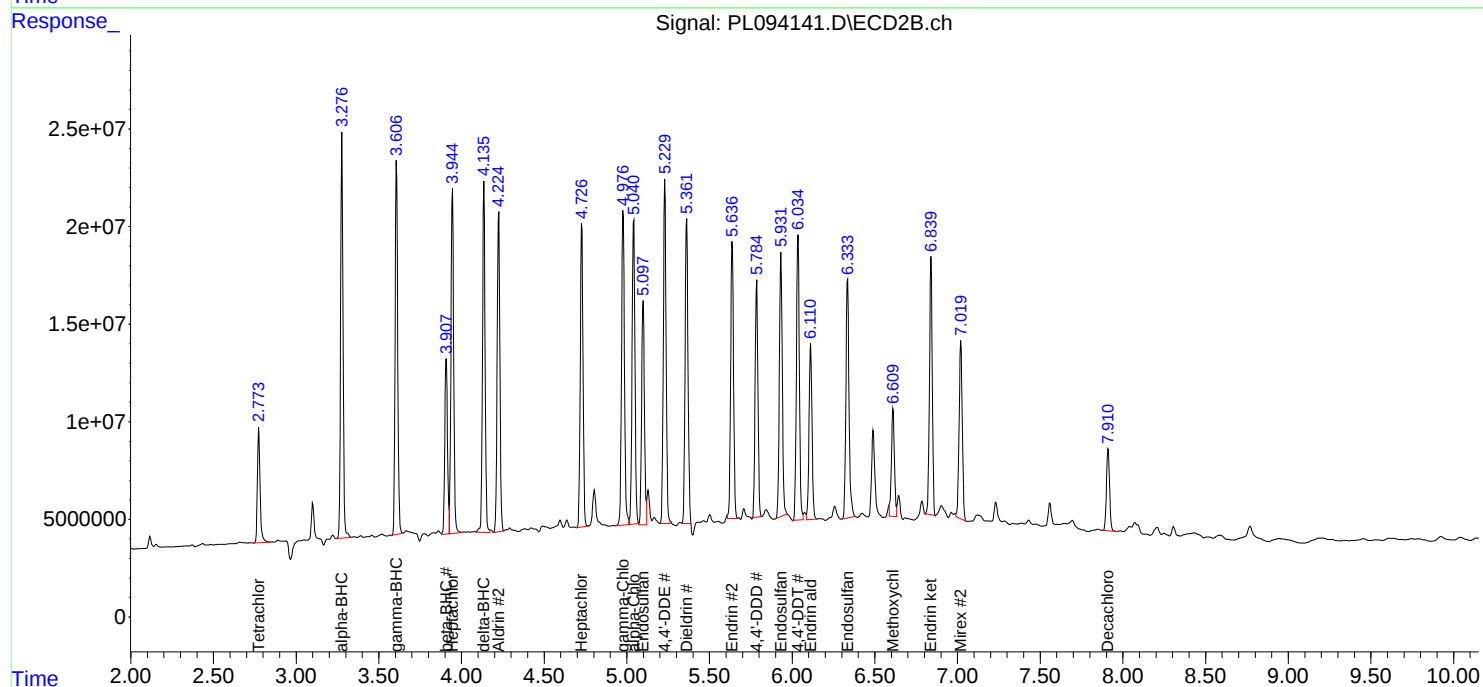
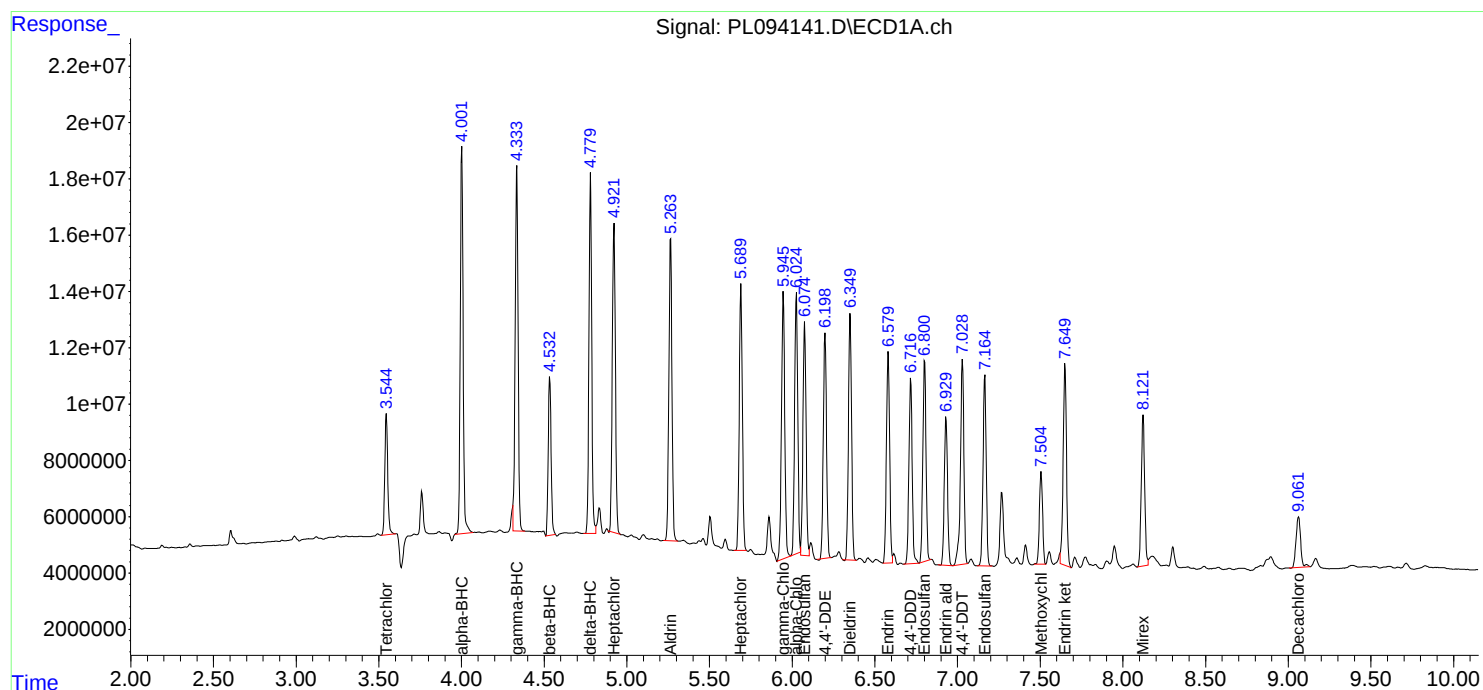
APPROVED

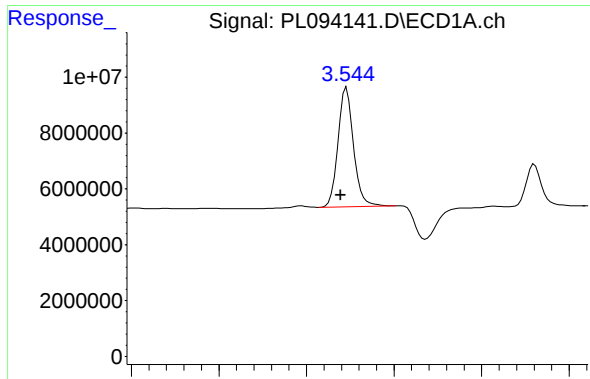
Reviewed By :Abdul Mirza 02/12/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:30:27 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





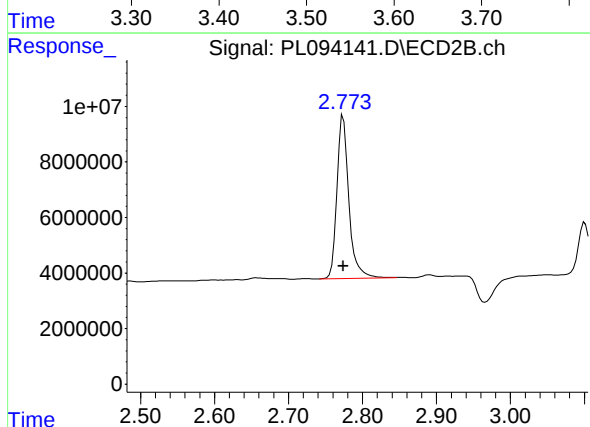
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.005 min
Response: 52948783
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

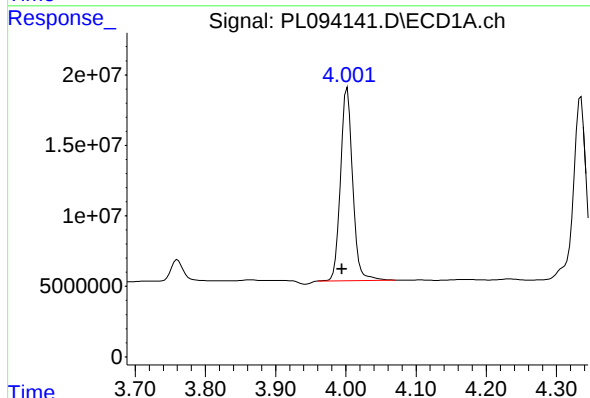
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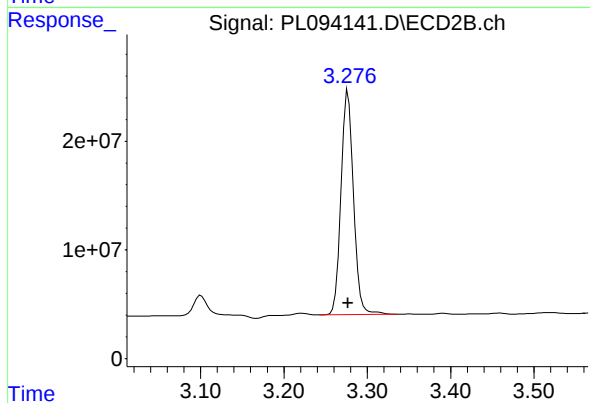
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65721043
Conc: 20.13 ng/ml



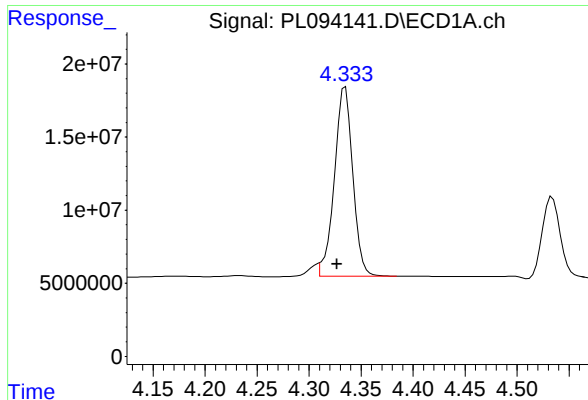
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.007 min
Response: 164552372
Conc: 42.92 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 214968705
Conc: 43.97 ng/ml



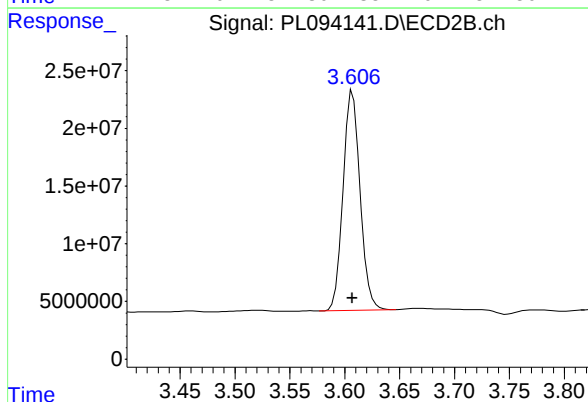
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.006 min
Response: 158575621
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

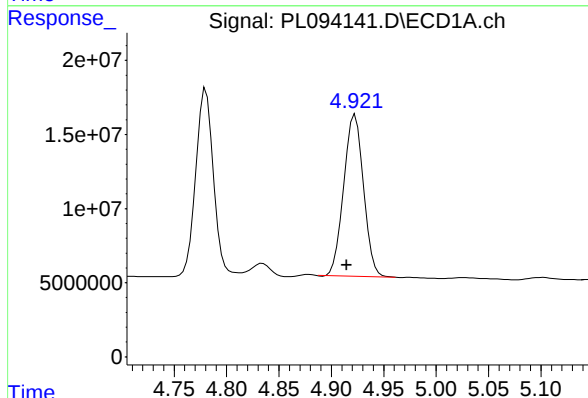
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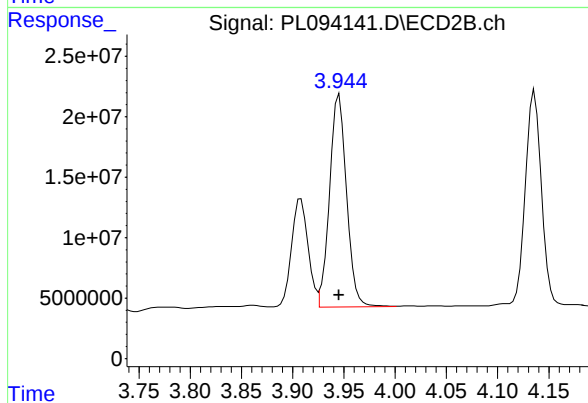
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 204934765
Conc: 43.22 ng/ml



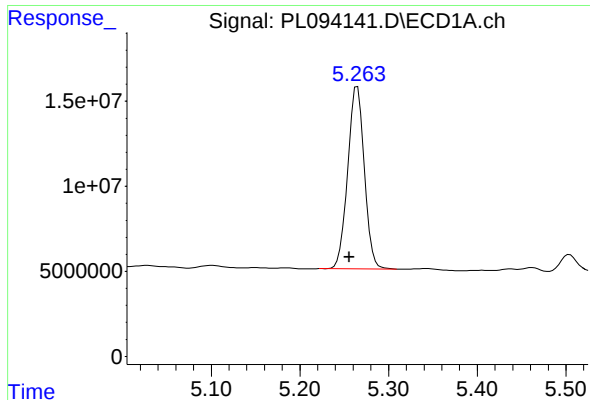
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.008 min
Response: 143912679
Conc: 43.91 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 202406518
Conc: 43.48 ng/ml



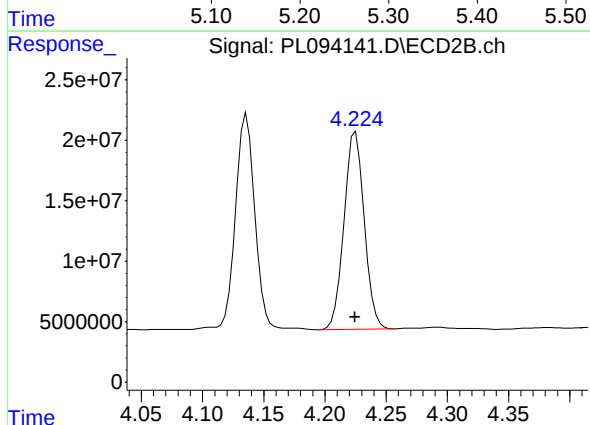
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.009 min
Response: 139710973
Conc: 42.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

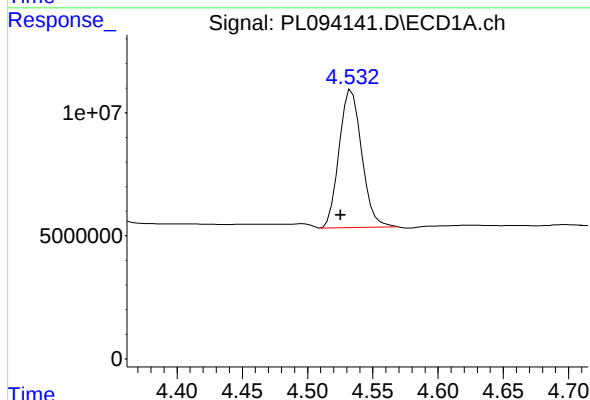
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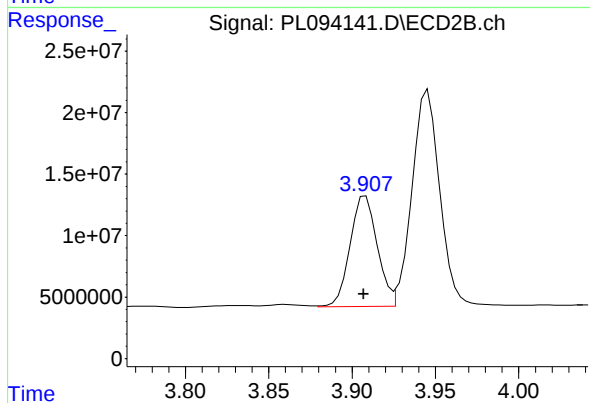
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 187803433
Conc: 41.17 ng/ml



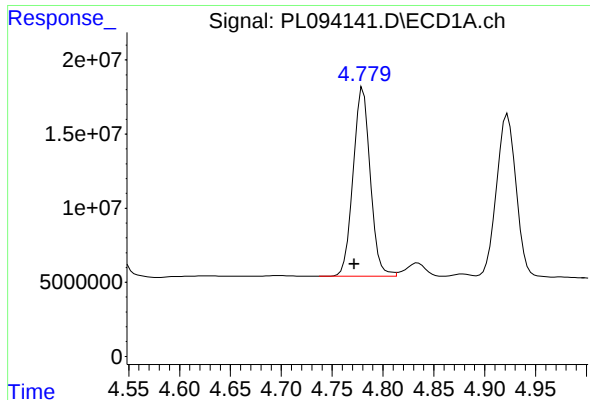
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.007 min
Response: 67471486
Conc: 41.98 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 101691014
Conc: 50.91 ng/ml



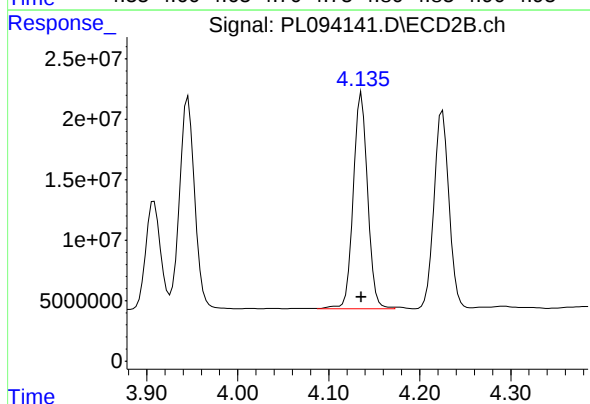
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.009 min
Response: 149248806
Conc: 42.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

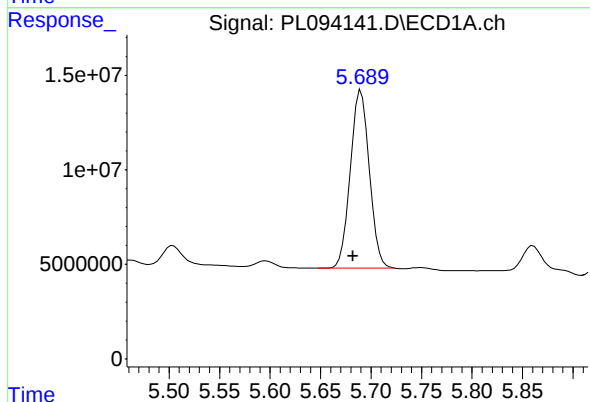
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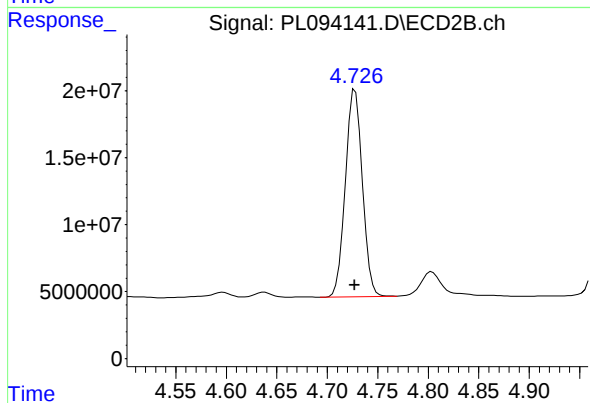
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 197648867
Conc: 41.60 ng/ml



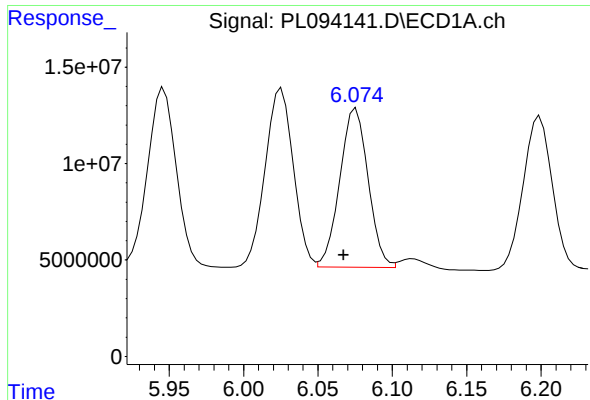
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.008 min
Response: 123278690
Conc: 41.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 181796986
Conc: 43.49 ng/ml



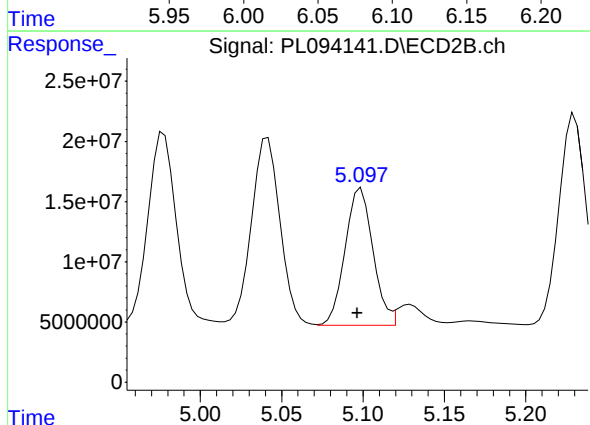
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.007 min
Response: 109558813
Conc: 41.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

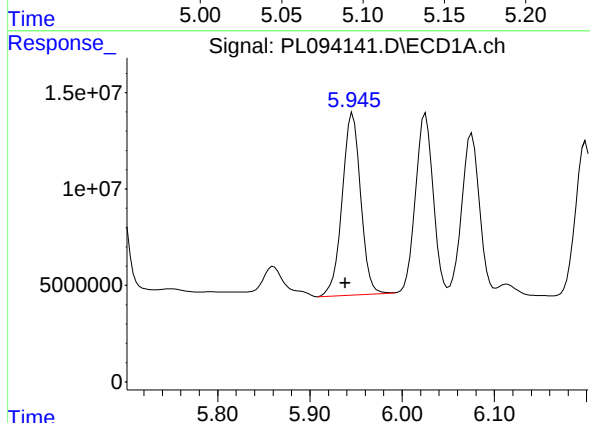
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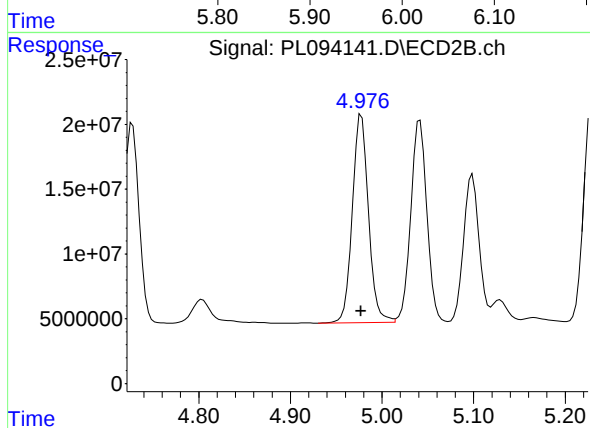
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.001 min
Response: 136770515
Conc: 35.28 ng/ml m



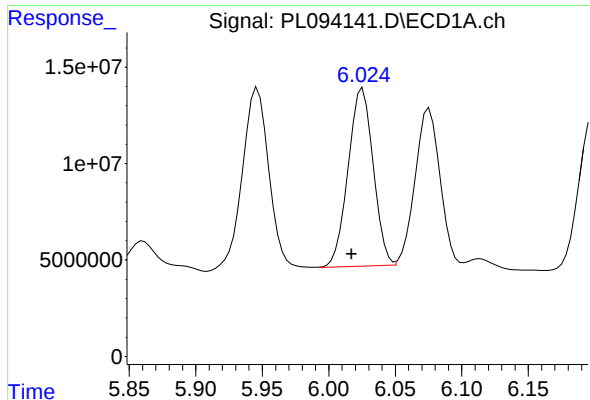
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.008 min
Response: 131037911
Conc: 47.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 197280036
Conc: 46.55 ng/ml



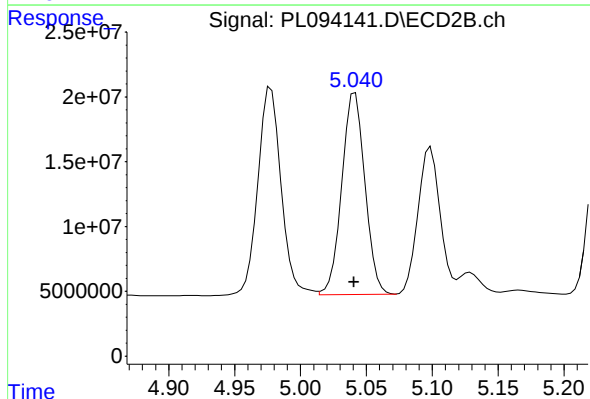
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.008 min
Response: 121120977
Conc: 43.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

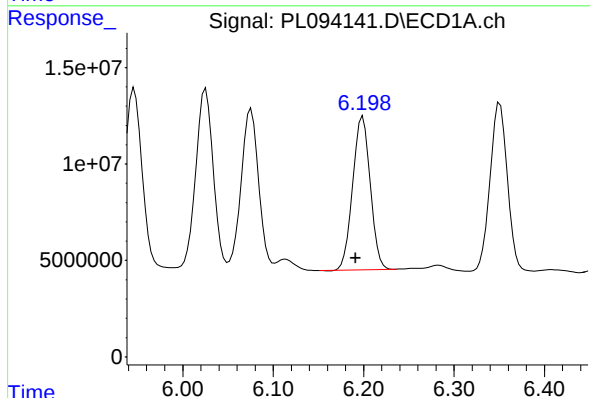
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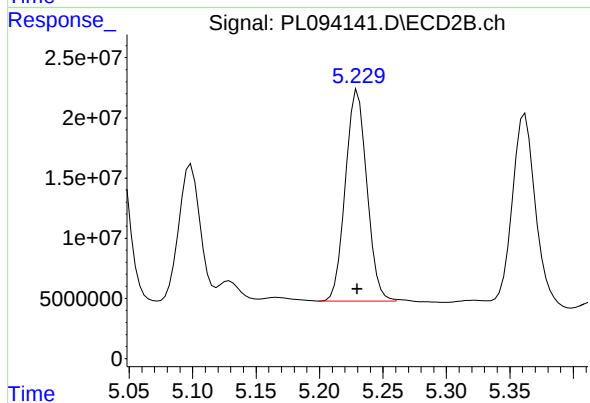
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 189714349
Conc: 45.32 ng/ml



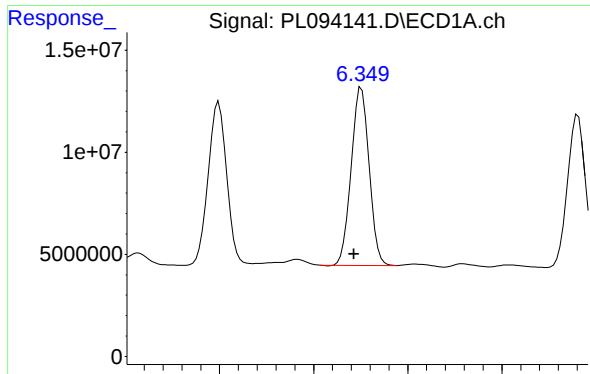
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.008 min
Response: 107301457
Conc: 44.07 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 206582688
Conc: 51.52 ng/ml m



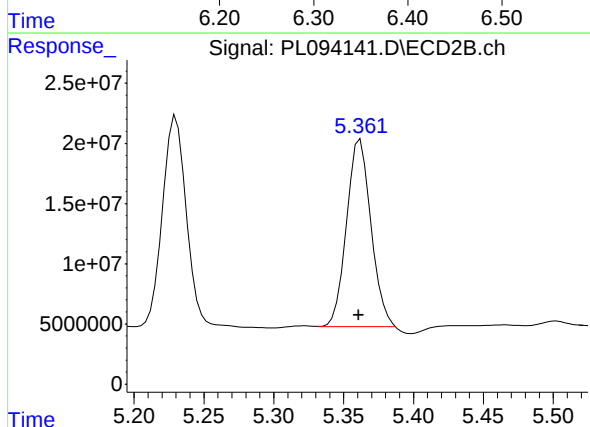
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.008 min
Response: 115343259
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

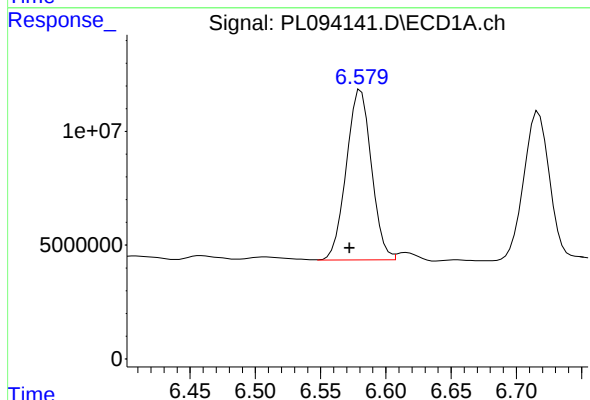
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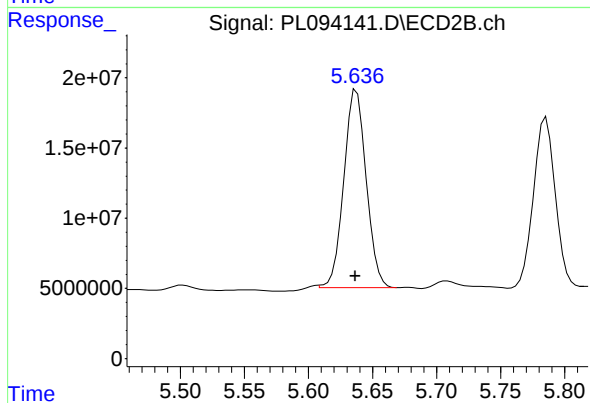
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 188895258
Conc: 43.97 ng/ml



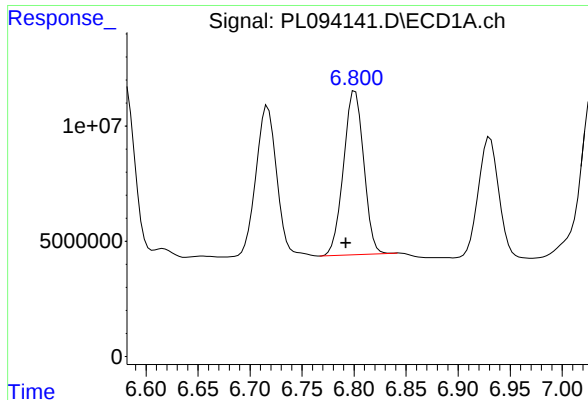
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.007 min
Response: 100075042
Conc: 42.68 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 171601735
Conc: 46.47 ng/ml



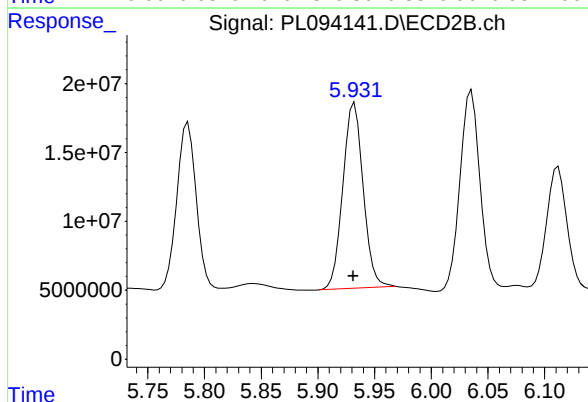
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.009 min
Response: 96245581
Conc: 39.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

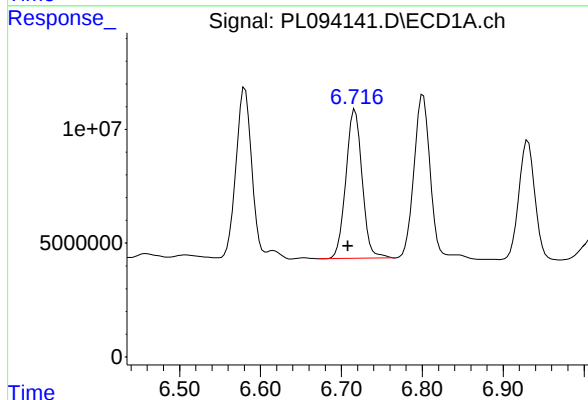
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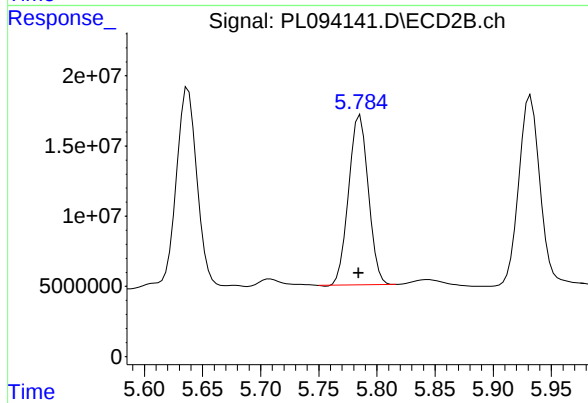
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 168071024
Conc: 45.38 ng/ml



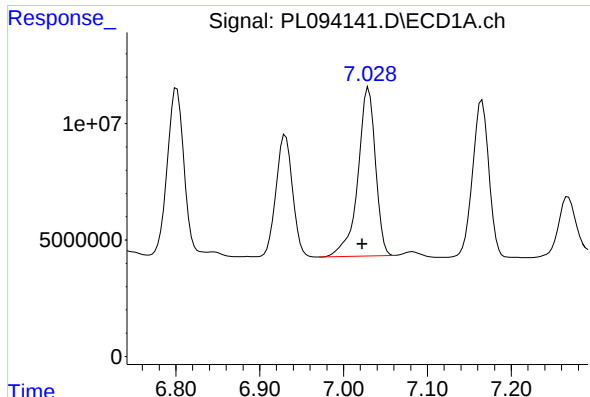
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.009 min
Response: 91284225
Conc: 48.03 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 141834447
Conc: 44.93 ng/ml



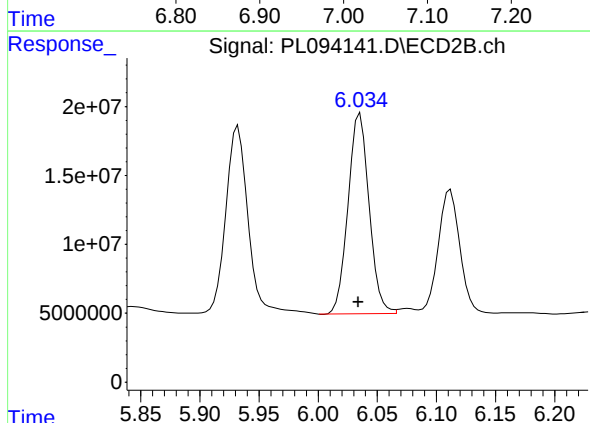
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 105520583
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

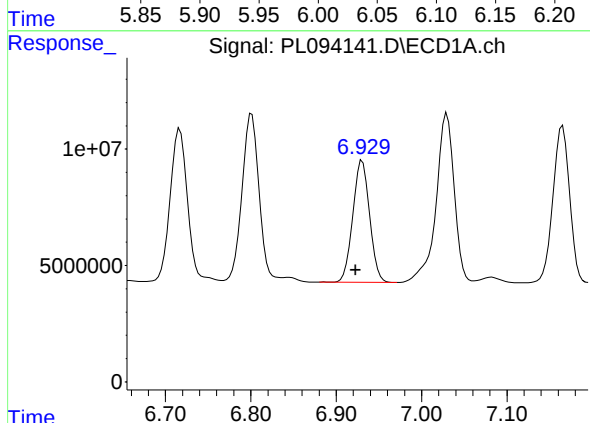
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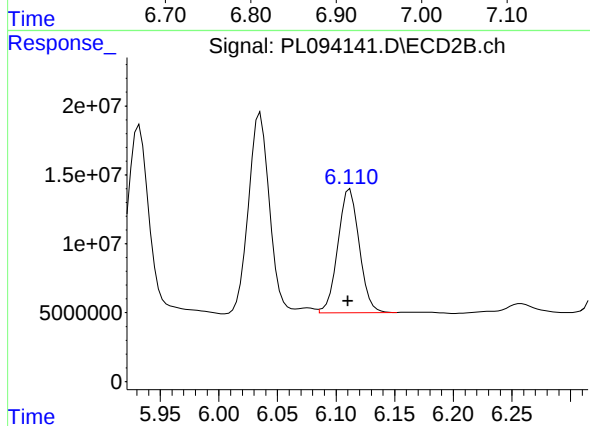
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 180074170
Conc: 55.34 ng/ml



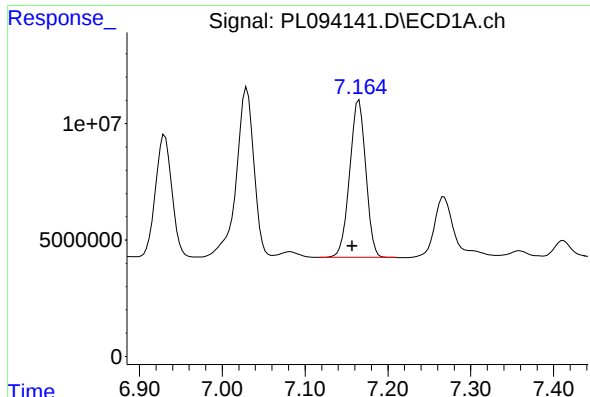
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.008 min
Response: 71807937
Conc: 36.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 113371531
Conc: 37.24 ng/ml



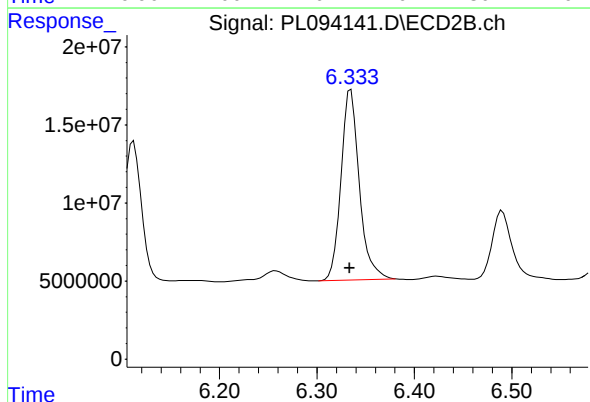
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.008 min
Response: 91595190
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

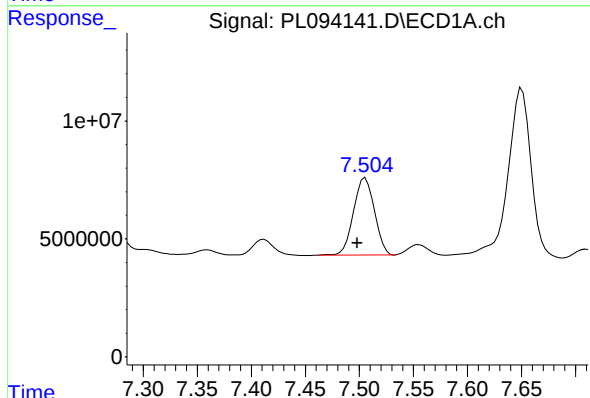
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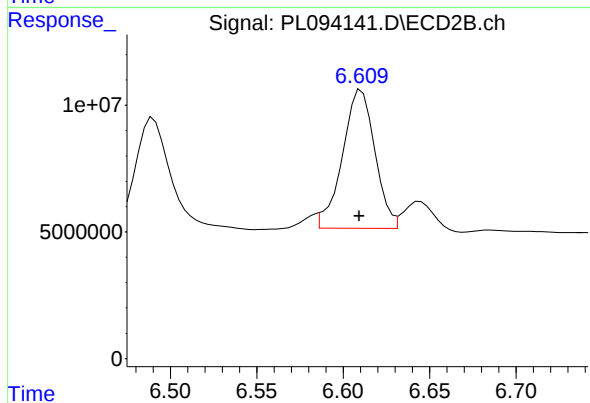
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.001 min
Response: 159294346
Conc: 44.67 ng/ml



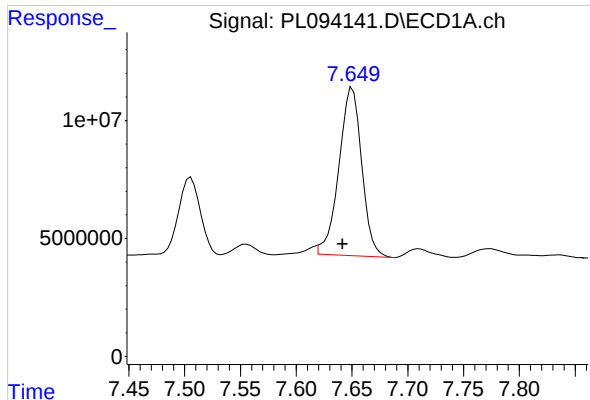
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.008 min
Response: 44213116
Conc: 42.37 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 70324132
Conc: 39.33 ng/ml m



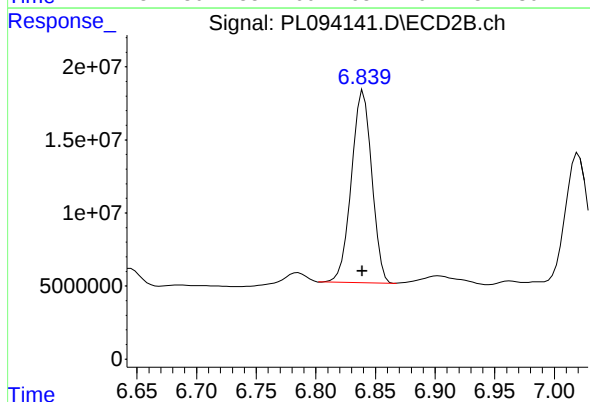
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 100969012
Conc: 40.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

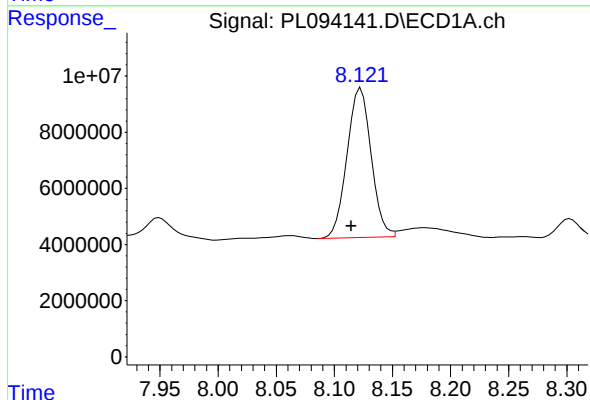
Manual Integrations
APPROVED

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



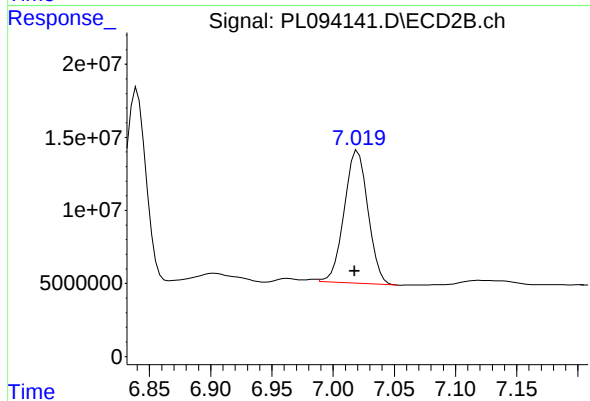
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 156428897
Conc: 37.29 ng/ml



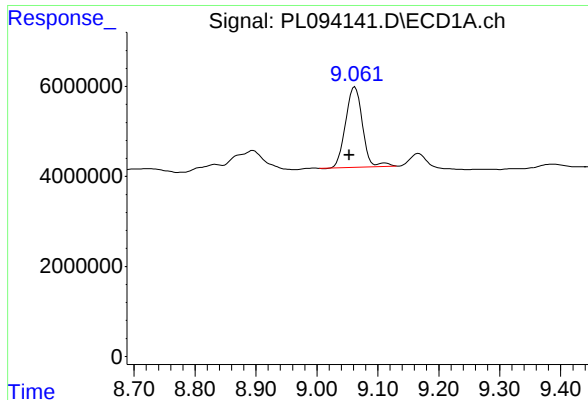
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.007 min
Response: 77292722
Conc: 37.12 ng/ml m



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 122305626
Conc: 36.16 ng/ml m



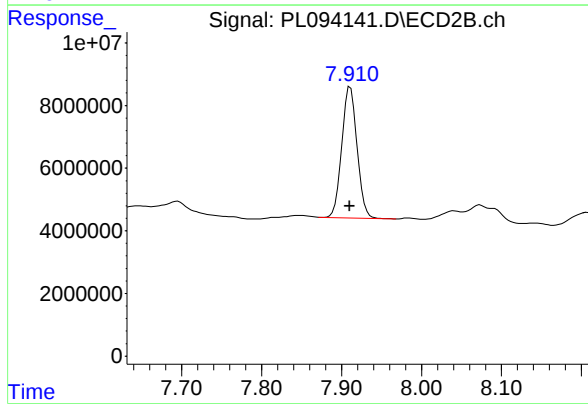
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.009 min
Response: 34433461
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 55472357
Conc: 15.83 ng/ml