

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102925\
 Data File : PL097669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 13:27
 Operator : AR\AJ
 Sample : Q3477-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOUTH-MAHWAH-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:21:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.522	2.821	62277767	92022587	15.276m	15.119
28) SA Decachlor...	8.994	7.980	39460508	69296706	13.270	13.354
Target Compounds						
2) A alpha-BHC	3.970	3.326	321.2E6	462.2E6	47.613	46.848
3) MA gamma-BHC...	4.298	3.658	303.3E6	427.9E6	47.722	46.574
4) MA Heptachlor	4.889	4.005	305.2E6	417.8E6	47.315	45.448
5) MB Aldrin	5.227	4.287	286.9E6	403.6E6	47.720	46.543
6) B beta-BHC	4.486	3.954	126.0E6	179.0E6	48.747	44.998
7) B delta-BHC	4.732	4.186	287.1E6	420.7E6	47.275	46.572
8) B Heptachlo...	5.647	4.789	265.3E6	360.3E6	45.564	45.621
9) A Endosulfan I	6.029	5.159	237.3E6	341.6E6	47.732	46.324
10) B gamma-Chl...	5.901	5.040	261.2E6	394.8E6	48.126	45.418
11) B alpha-Chl...	5.981	5.104	257.5E6	379.8E6	47.453	45.610
12) B 4,4'-DDE	6.151	5.293	224.3E6	354.4E6	48.153	46.677
13) MA Dieldrin	6.301	5.424	253.8E6	373.1E6	48.243	45.119
14) MA Endrin	6.527	5.698	213.1E6	325.0E6	47.638	43.913
15) B Endosulfa...	6.741	5.990	216.3E6	321.4E6	44.215	46.548
16) A 4,4'-DDD	6.661	5.845	179.2E6	285.6E6	47.490	44.775
17) MA 4,4'-DDT	6.975	6.097	189.6E6	308.5E6	46.771	46.294
18) B Endrin al...	6.870	6.168	153.0E6	239.0E6	46.680	41.512
19) B Endosulfa...	7.103	6.392	185.8E6	315.4E6	46.325	47.375
20) A Methoxychlor	7.448	6.670	93089744	160.3E6	44.562	43.970
21) B Endrin ke...	7.583	6.896	198.1E6	331.8E6	46.273	41.999
22) Mirex	8.060	7.085	137.6E6	231.0E6	44.273	43.178

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102925\
Data File : PL097669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 13:27
Operator : AR\AJ
Sample : Q3477-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

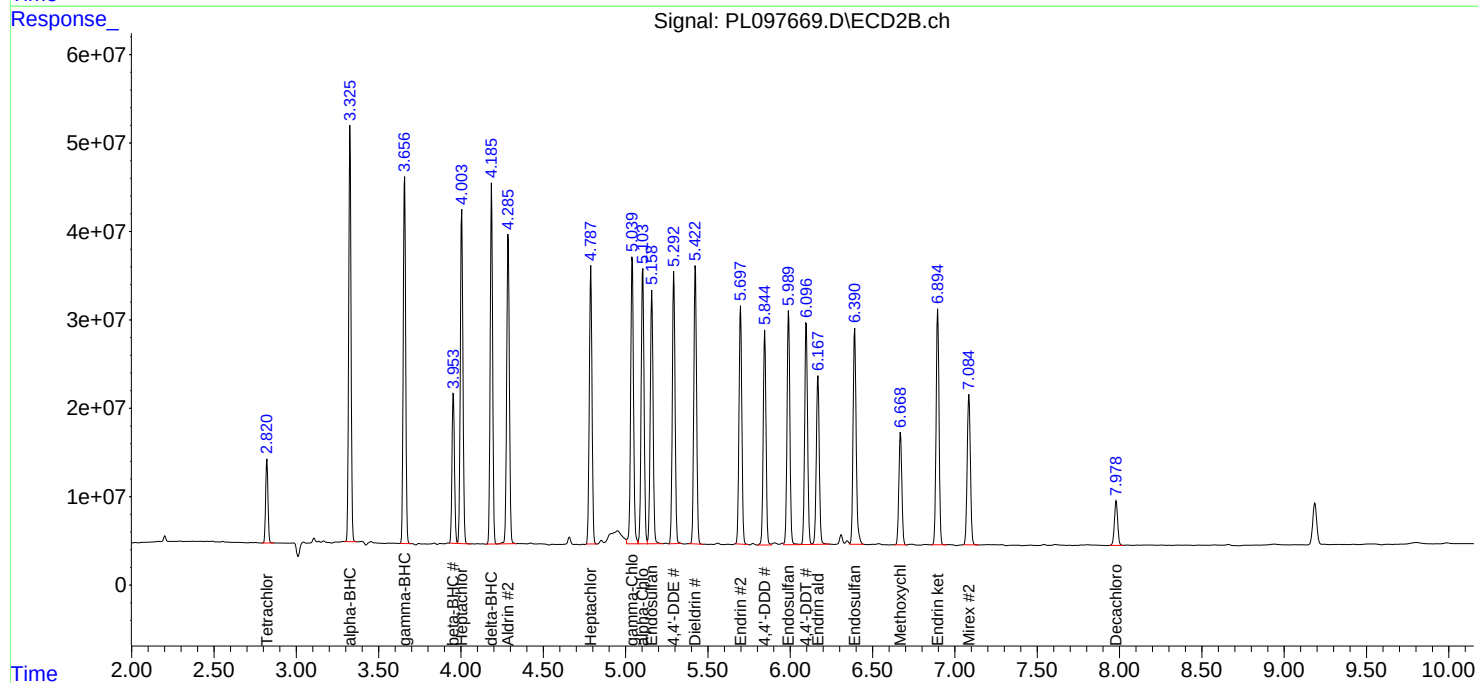
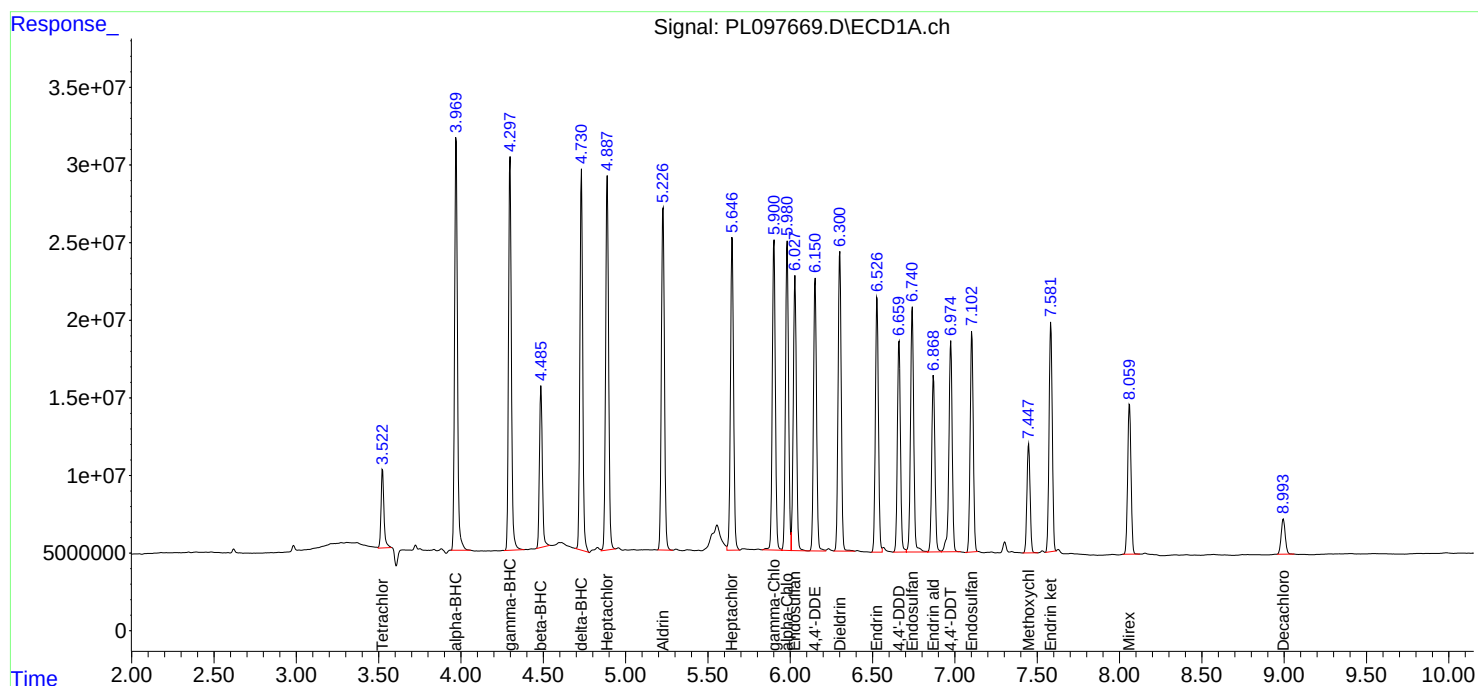
Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

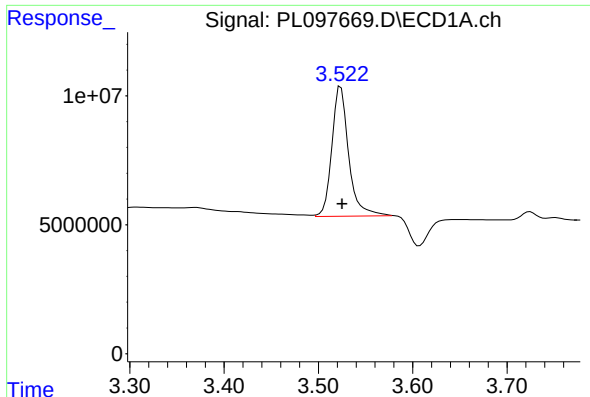
Manual Integrations
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Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:21:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





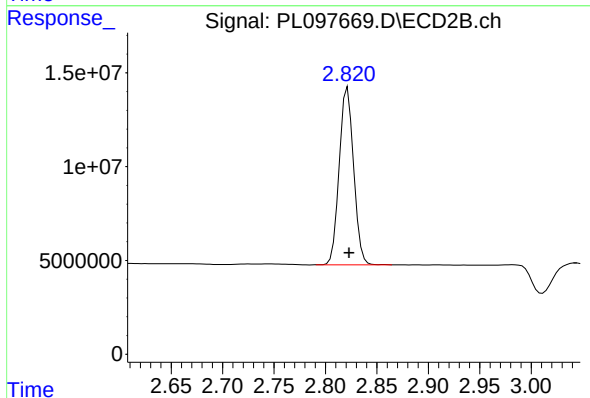
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.003 min
Response: 62277767
Conc: 15.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

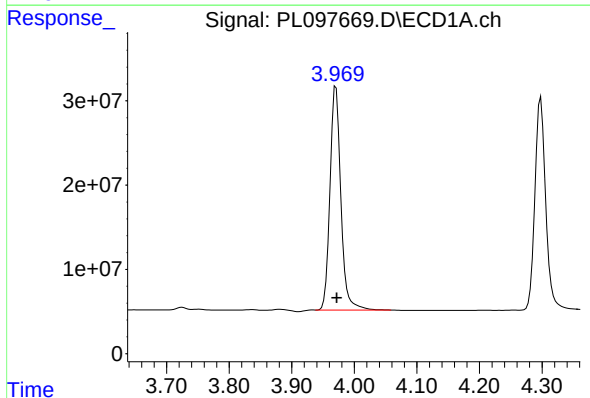
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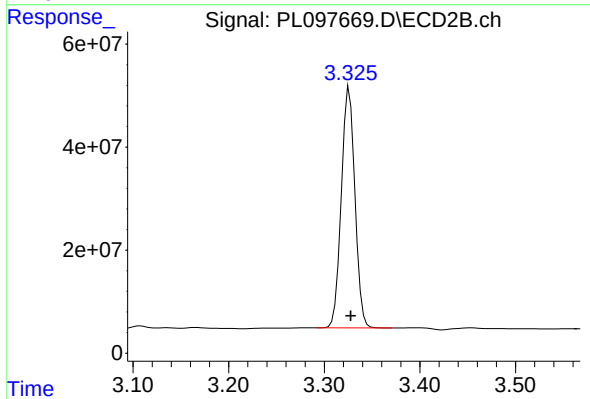
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.001 min
Response: 92022587
Conc: 15.12 ng/ml



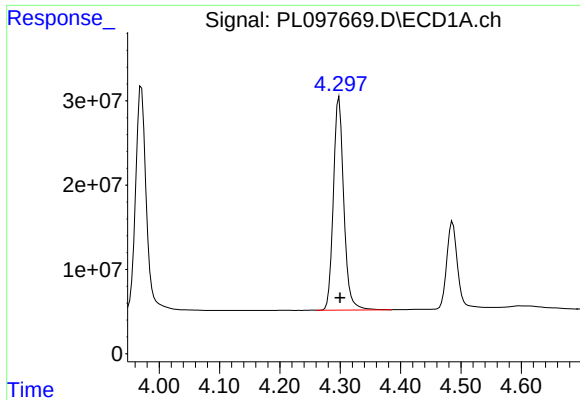
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 321184433
Conc: 47.61 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.001 min
Response: 462247806
Conc: 46.85 ng/ml



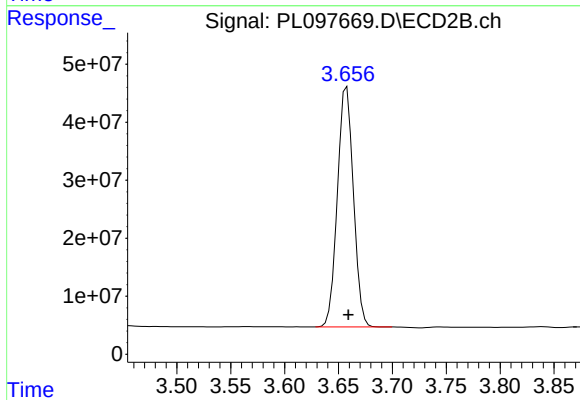
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 303335723
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

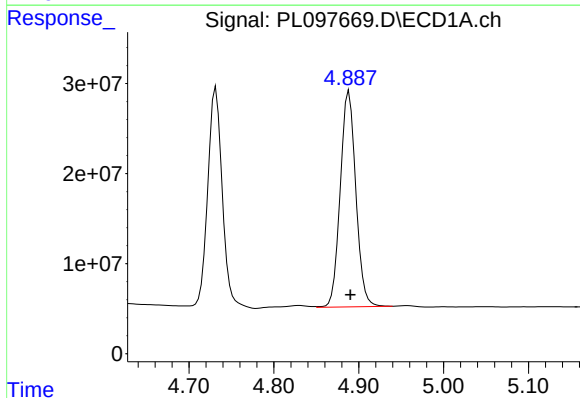
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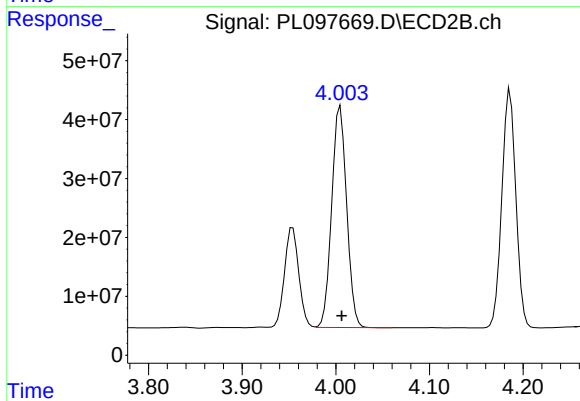
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.001 min
Response: 427886694
Conc: 46.57 ng/ml



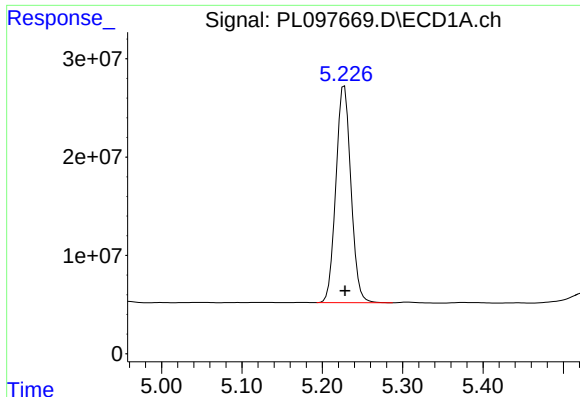
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 305212600
Conc: 47.31 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 417766737
Conc: 45.45 ng/ml



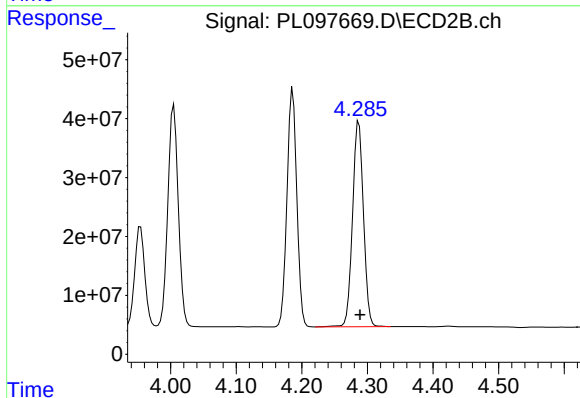
#5 Aldrin

R.T.: 5.227 min
Delta R.T.: -0.001 min
Response: 286923626
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

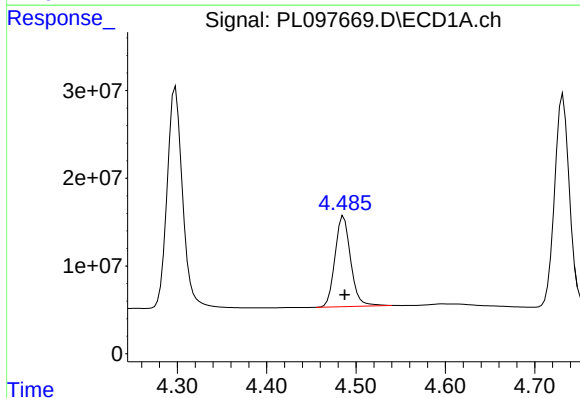
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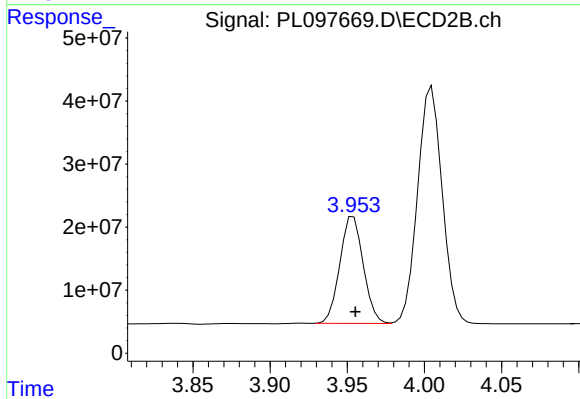
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.002 min
Response: 403614705
Conc: 46.54 ng/ml



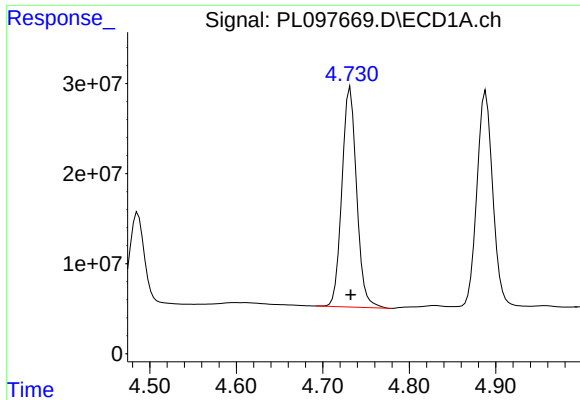
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 126034109
Conc: 48.75 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 179008816
Conc: 45.00 ng/ml



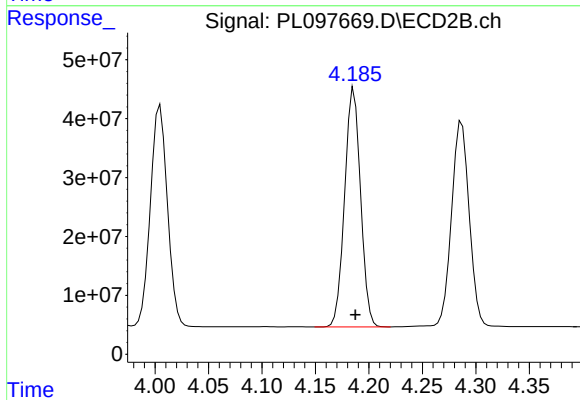
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 287081693
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

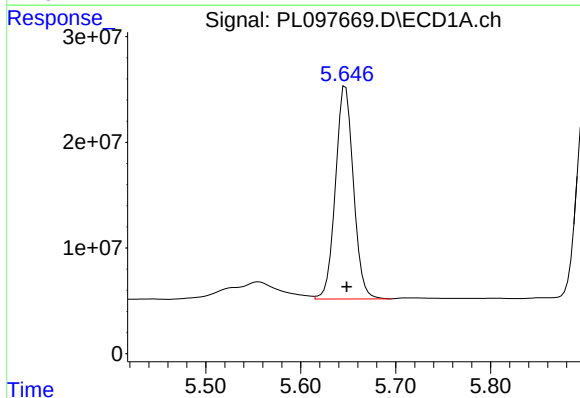
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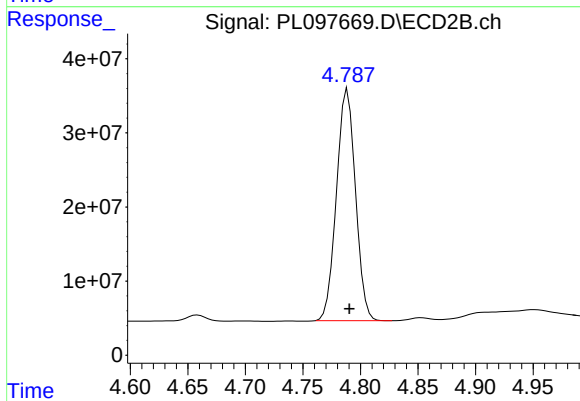
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 420730509
Conc: 46.57 ng/ml



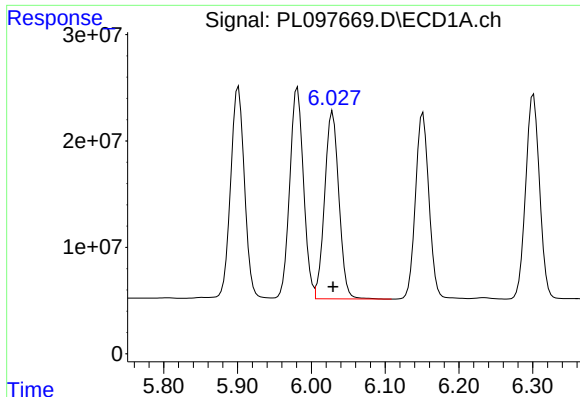
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 265284603
Conc: 45.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 360313632
Conc: 45.62 ng/ml



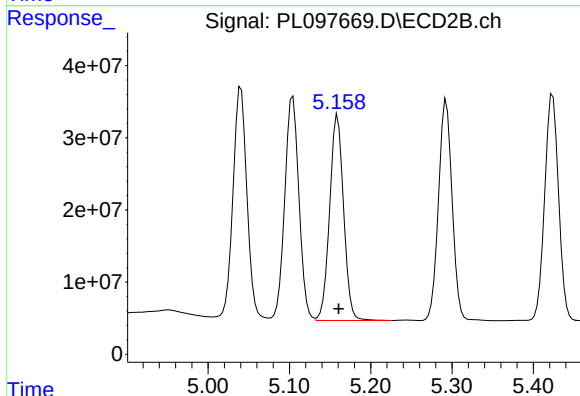
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 237296210
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

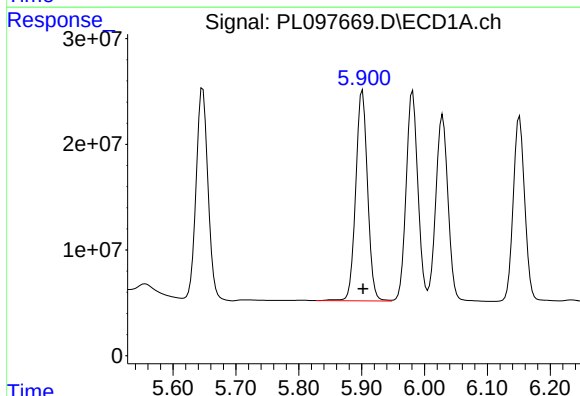
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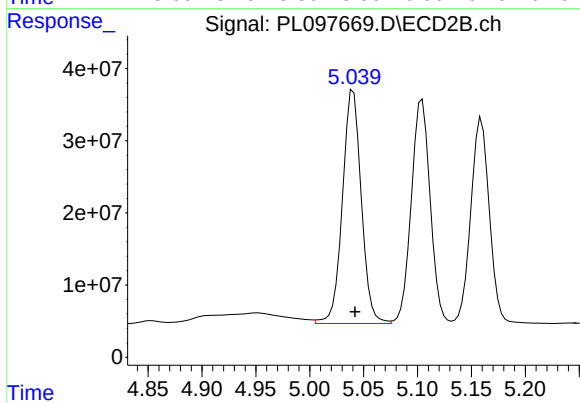
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 341607360
Conc: 46.32 ng/ml



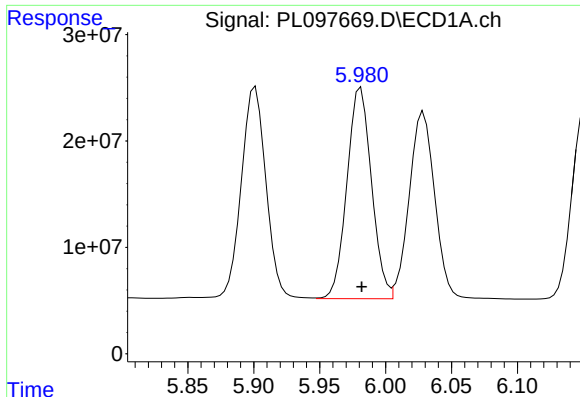
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 261202602
Conc: 48.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 394823097
Conc: 45.42 ng/ml



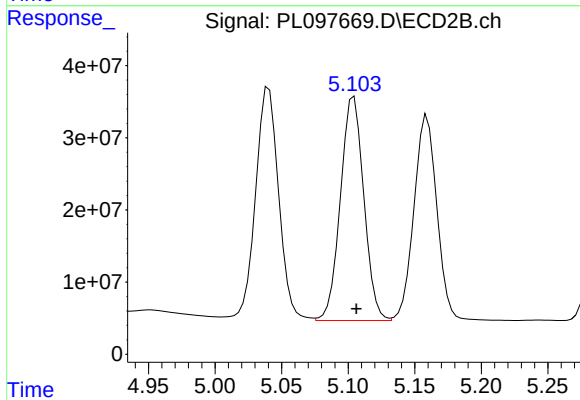
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 257504512
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

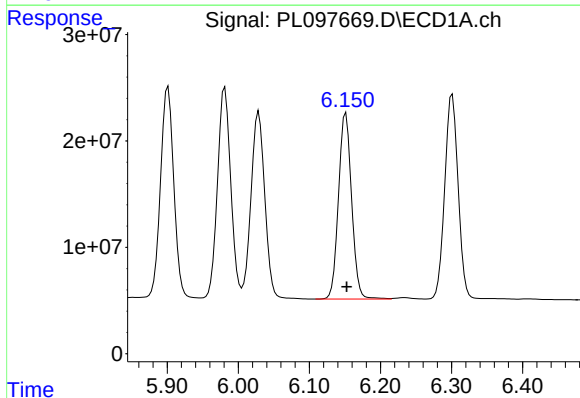
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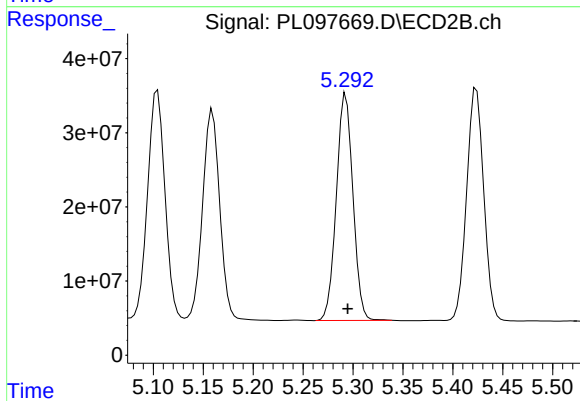
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.002 min
Response: 379802018
Conc: 45.61 ng/ml



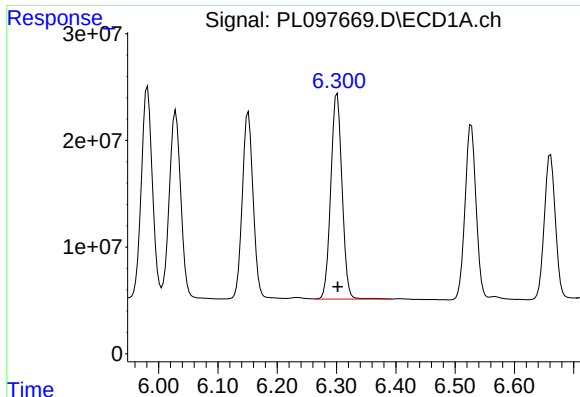
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: -0.001 min
Response: 224256685
Conc: 48.15 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 354391663
Conc: 46.68 ng/ml



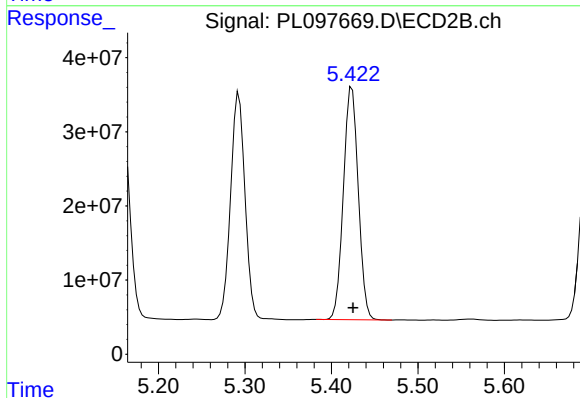
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 253779274
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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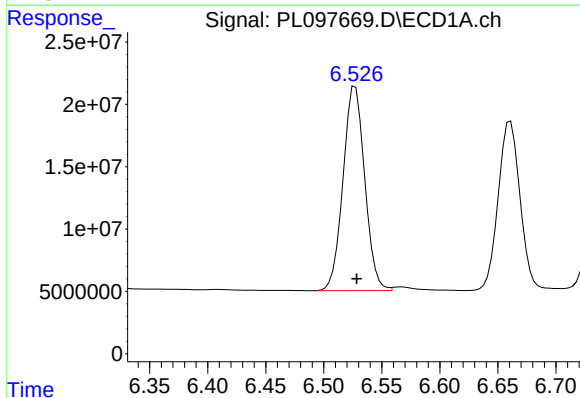
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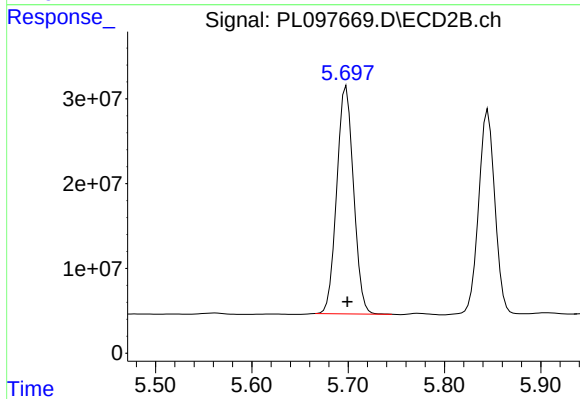
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 373059617
Conc: 45.12 ng/ml



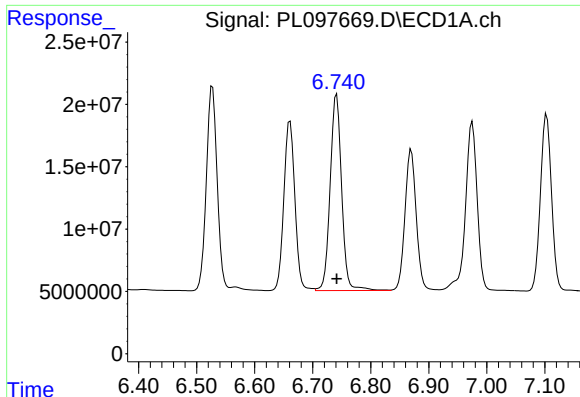
#14 Endrin

R.T.: 6.527 min
Delta R.T.: -0.001 min
Response: 213144845
Conc: 47.64 ng/ml



#14 Endrin

R.T.: 5.698 min
Delta R.T.: -0.001 min
Response: 325017190
Conc: 43.91 ng/ml



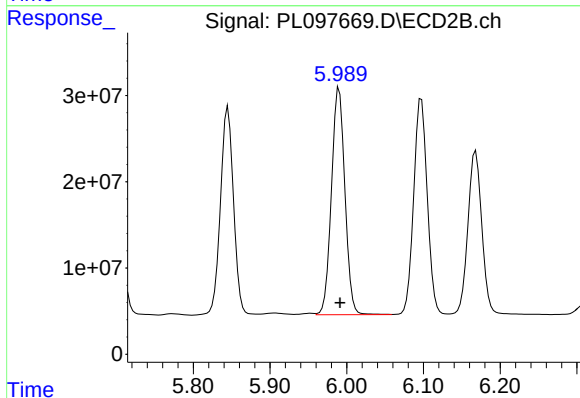
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 216303540
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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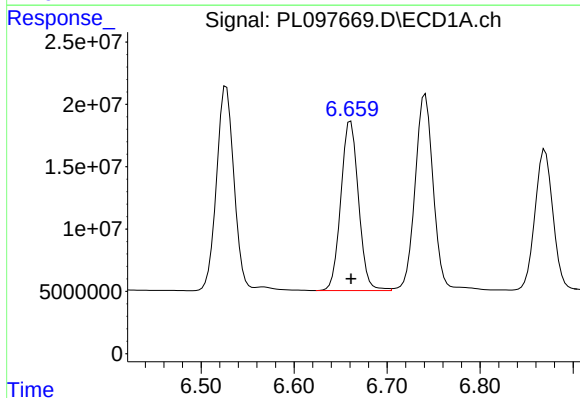
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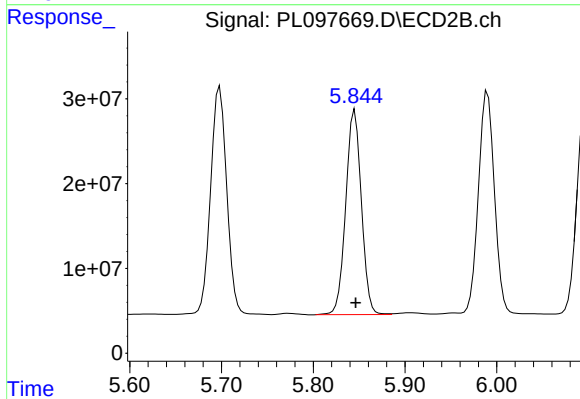
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 321411176
Conc: 46.55 ng/ml



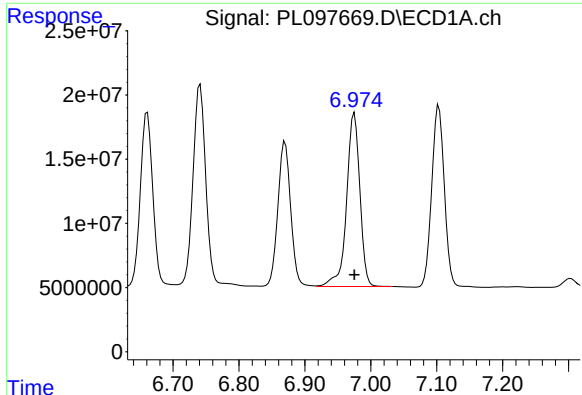
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 179203688
Conc: 47.49 ng/ml



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 285617145
Conc: 44.78 ng/ml



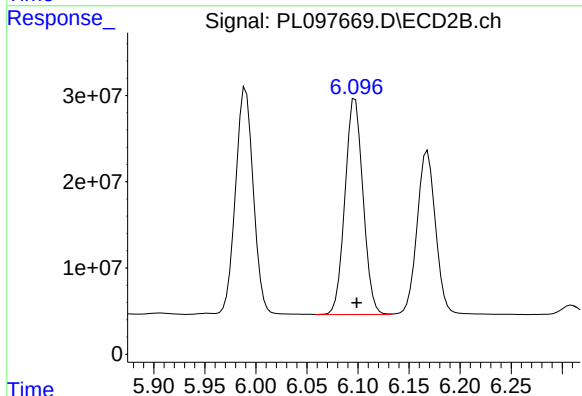
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 189640705
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

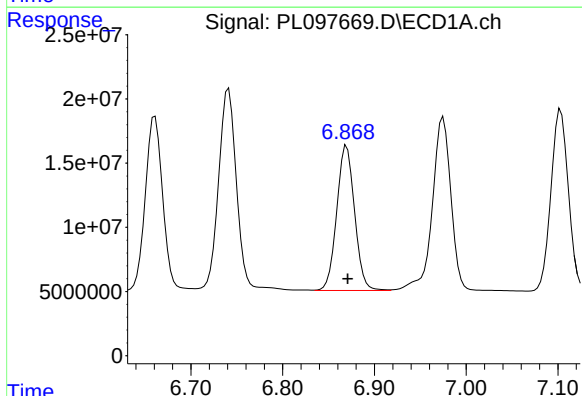
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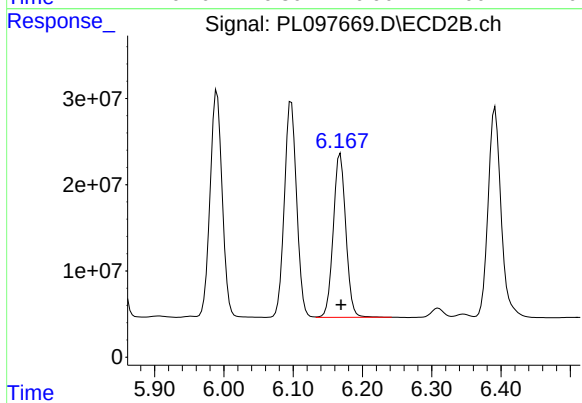
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 308472605
Conc: 46.29 ng/ml



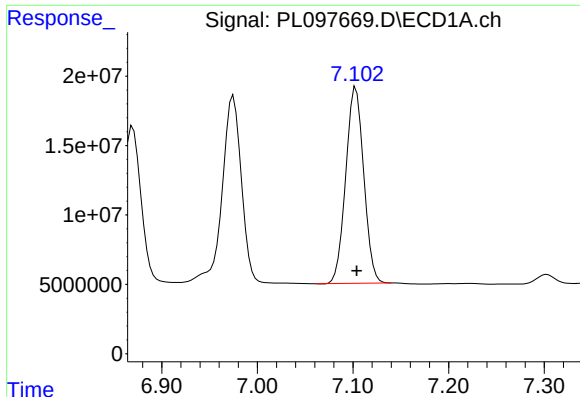
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 152958741
Conc: 46.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 239049375
Conc: 41.51 ng/ml



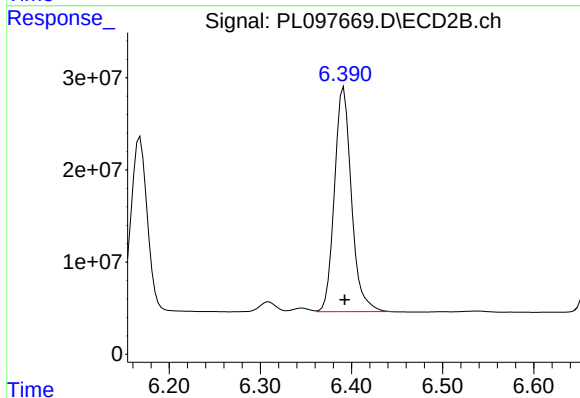
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 185759059
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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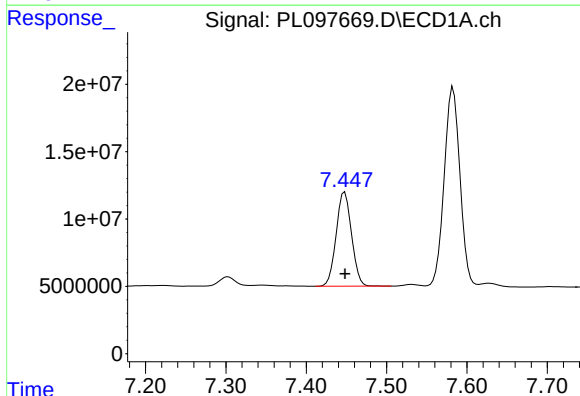
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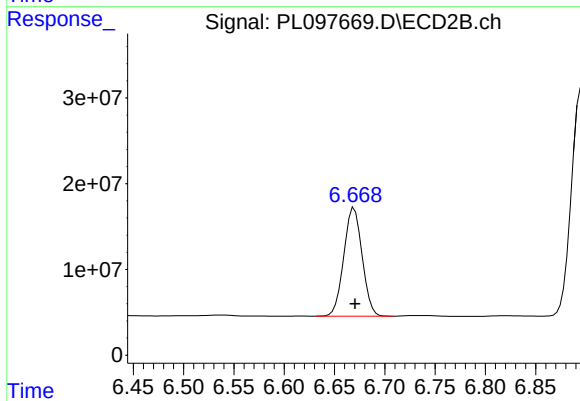
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: -0.001 min
Response: 315414216
Conc: 47.37 ng/ml



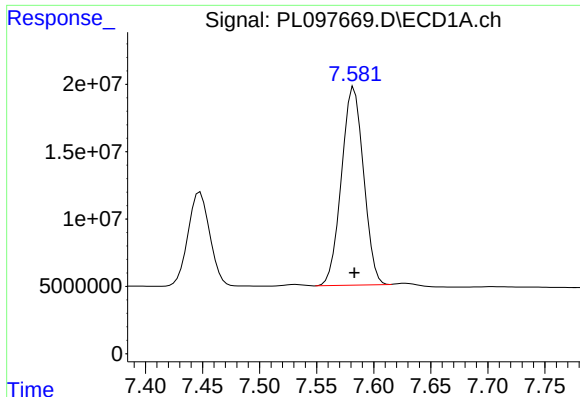
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 93089744
Conc: 44.56 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: -0.001 min
Response: 160278860
Conc: 43.97 ng/ml



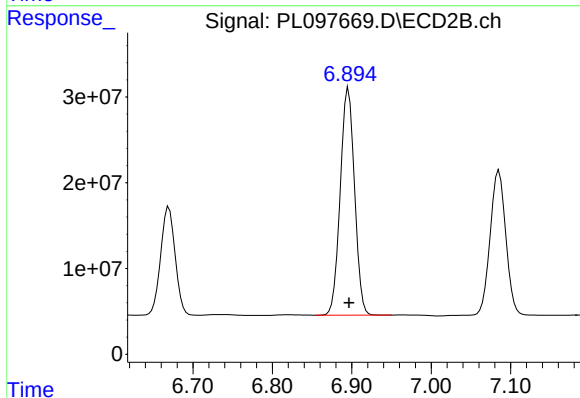
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 198127845
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

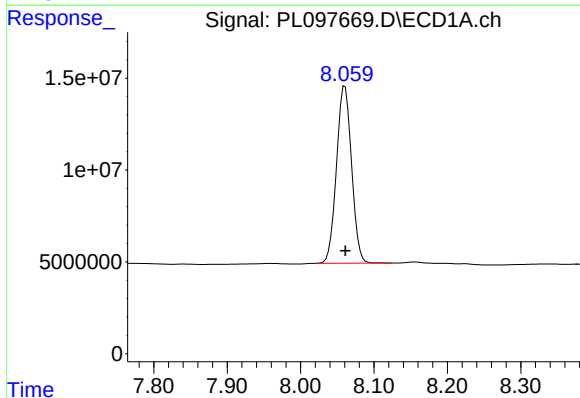
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025



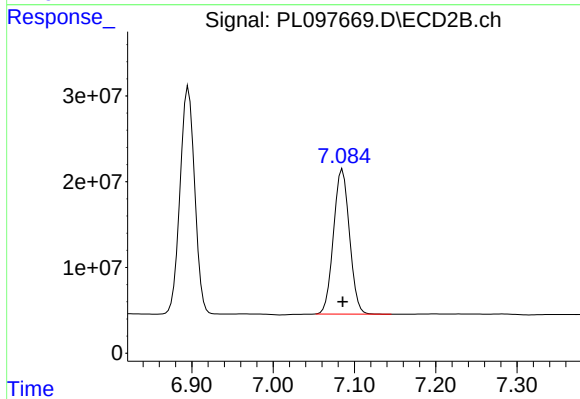
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 331787851
Conc: 42.00 ng/ml



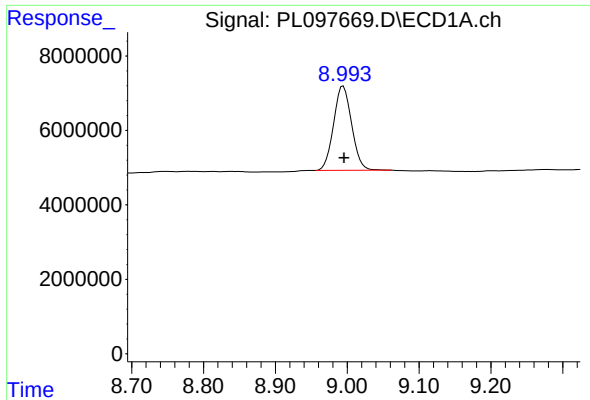
#22 Mirex

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 137577206
Conc: 44.27 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 230996555
Conc: 43.18 ng/ml



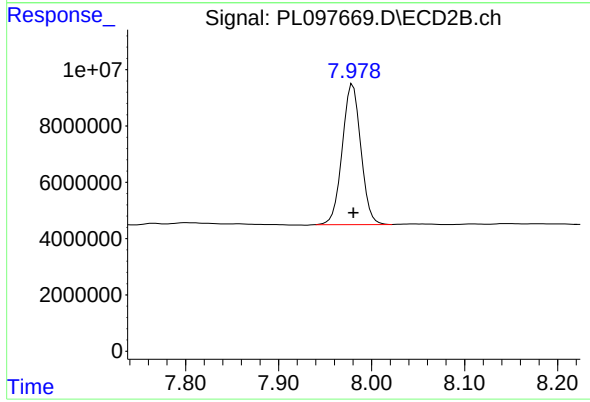
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 39460508
Conc: 13.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMSD

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#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 69296706
Conc: 13.35 ng/ml