

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102925\
 Data File : PL097668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 13:14
 Operator : AR\AJ
 Sample : Q3477-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOUTH-MAHWAH-SOILMS

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 01:20:54 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	61212270	92102631	15.015m	15.132
28)	SA Decachlor...	8.995	7.979	39202919	68511885	13.183	13.203
Target Compounds							
2)	A alpha-BHC	3.970	3.326	323.6E6	463.2E6	47.966	46.943
3)	MA gamma-BHC...	4.298	3.658	304.7E6	429.0E6	47.942	46.696
4)	MA Heptachlor	4.889	4.005	307.6E6	420.8E6	47.681	45.774
5)	MB Aldrin	5.227	4.287	289.2E6	406.5E6	48.100	46.873
6)	B beta-BHC	4.486	3.954	126.1E6	179.6E6	48.753	45.136
7)	B delta-BHC	4.731	4.186	287.6E6	420.7E6	47.354	46.568
8)	B Heptachlo...	5.647	4.789	267.2E6	361.3E6	45.896	45.749
9)	A Endosulfan I	6.028	5.160	239.7E6	342.1E6	48.219	46.392
10)	B gamma-Chl...	5.901	5.041	263.3E6	395.1E6	48.520	45.454
11)	B alpha-Chl...	5.981	5.104	260.3E6	380.2E6	47.967	45.663
12)	B 4,4'-DDE	6.152	5.293	225.0E6	353.8E6	48.317	46.602
13)	MA Dieldrin	6.301	5.424	256.1E6	372.8E6	48.688	45.083
14)	MA Endrin	6.528	5.698	215.5E6	326.5E6	48.171	44.114
15)	B Endosulfa...	6.741	5.990	217.1E6	320.2E6	44.372	46.366
16)	A 4,4'-DDD	6.660	5.845	179.1E6	284.4E6	47.463	44.589
17)	MA 4,4'-DDT	6.975	6.098	191.5E6	311.1E6	47.229	46.683
18)	B Endrin al...	6.870	6.168	154.7E6	238.8E6	47.224	41.461
19)	B Endosulfa...	7.103	6.392	187.8E6	315.5E6	46.836	47.389
20)	A Methoxychlor	7.448	6.669	93863498	160.8E6	44.932	44.126
21)	B Endrin ke...	7.582	6.895	198.4E6	329.5E6	46.336	41.714
22)	Mirex	8.060	7.085	139.5E6	232.1E6	44.877	43.378

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

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Data File : PL097668.D
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Acq On : 29 Oct 2025 13:14
Operator : AR\AJ
Sample : Q3477-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

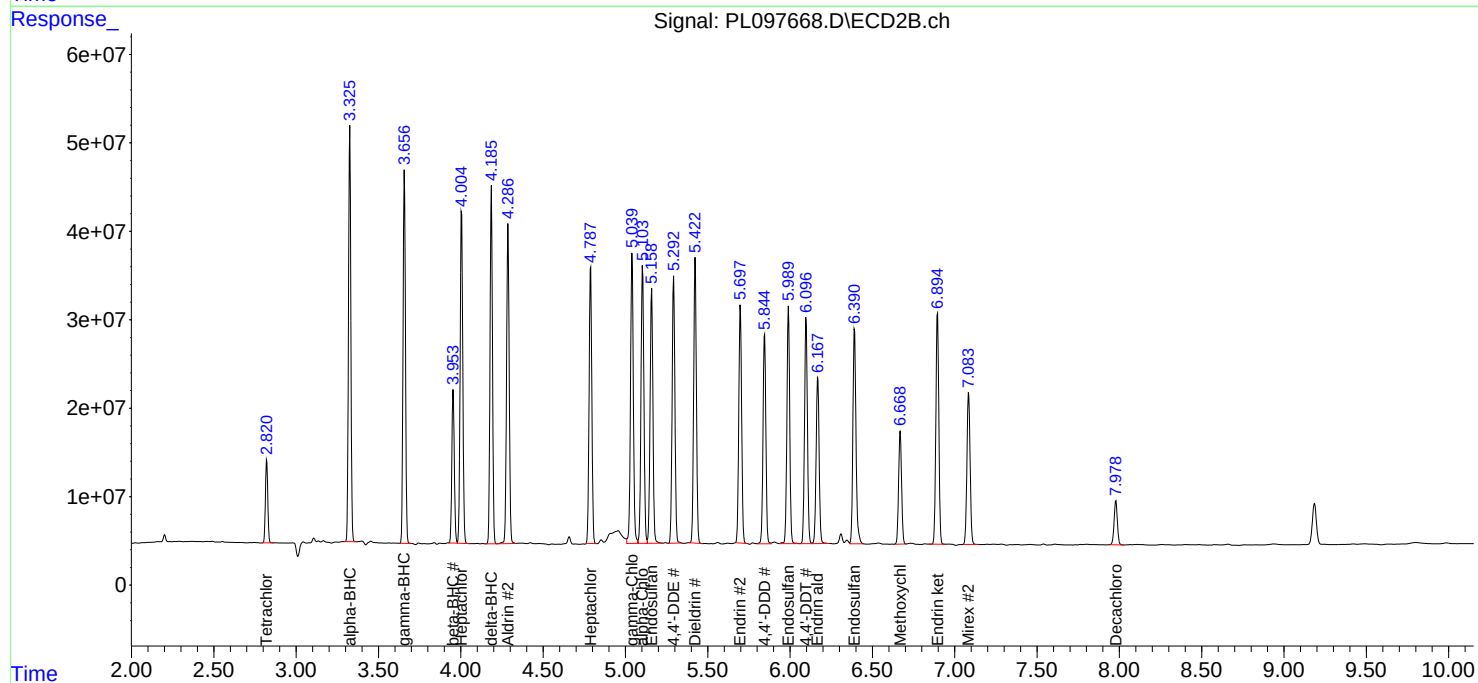
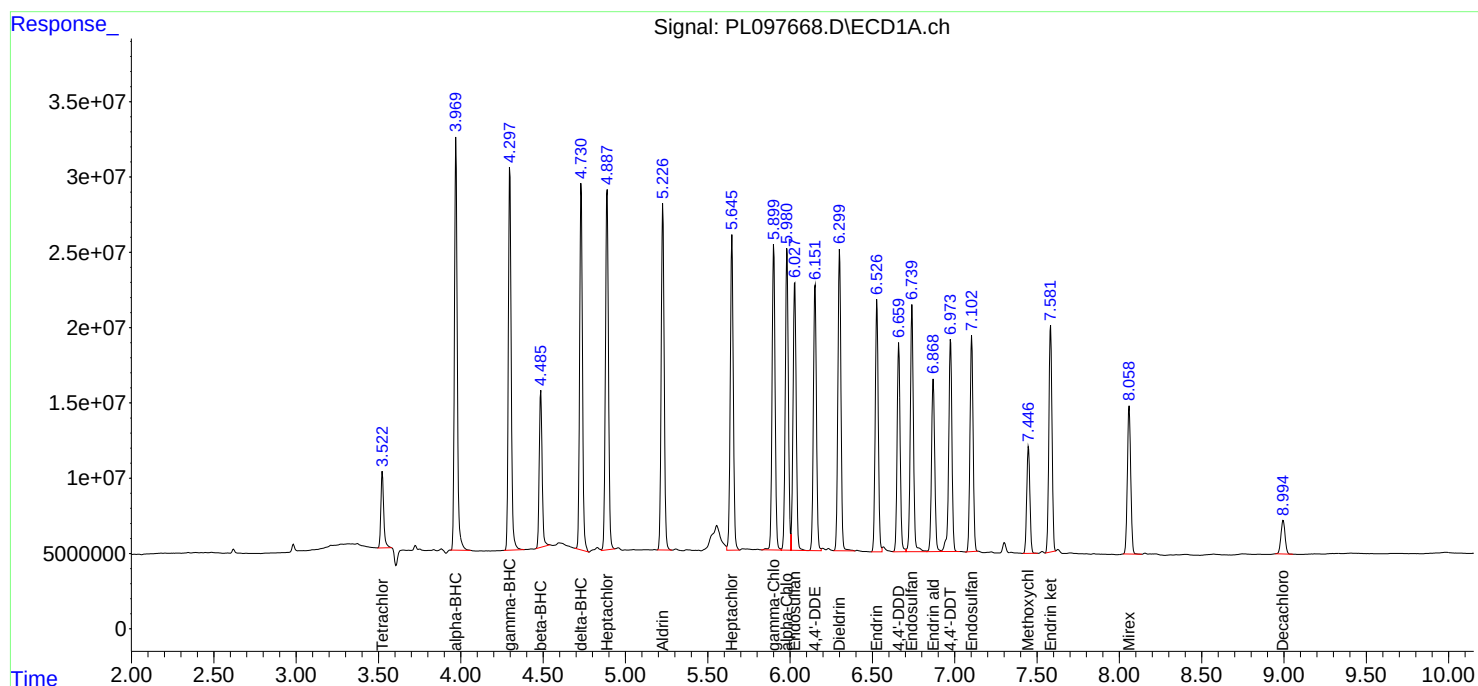
Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

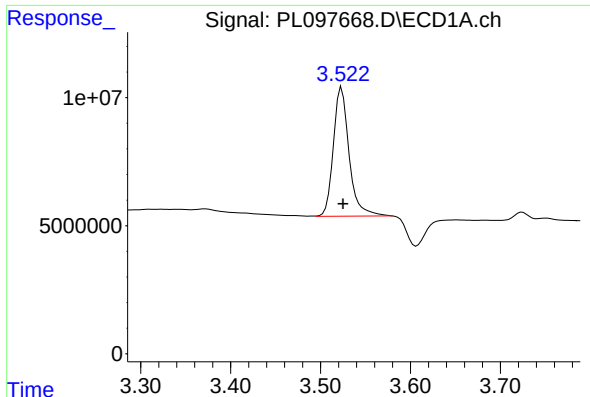
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:20:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response 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





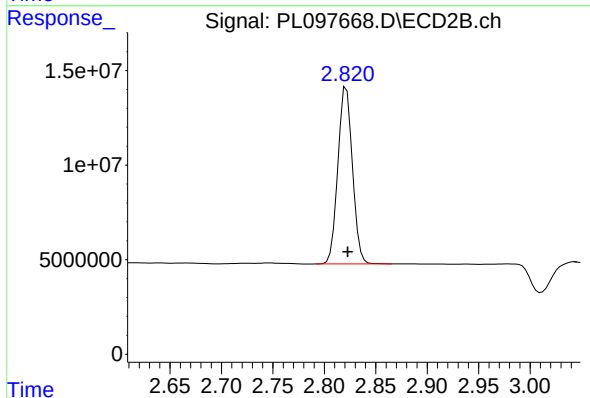
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.003 min
Response: 61212270
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

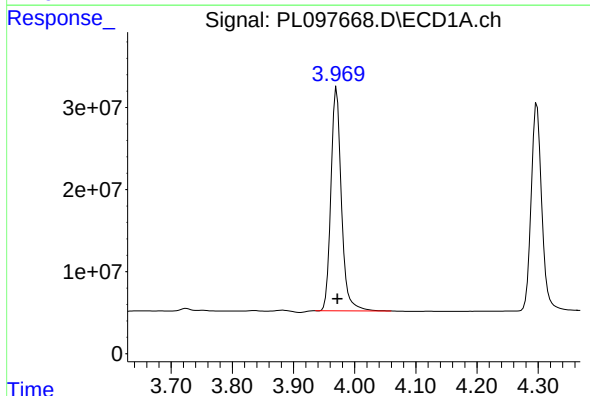
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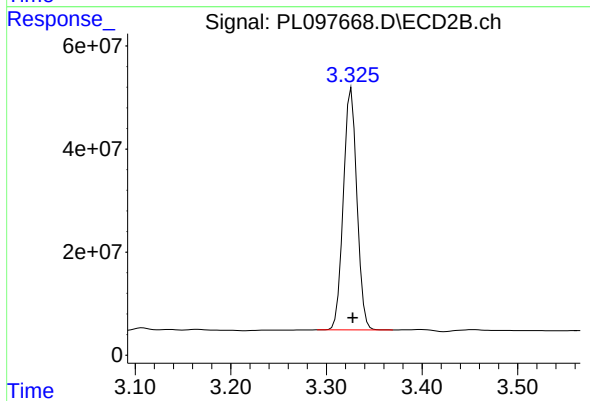
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.001 min
Response: 92102631
Conc: 15.13 ng/ml



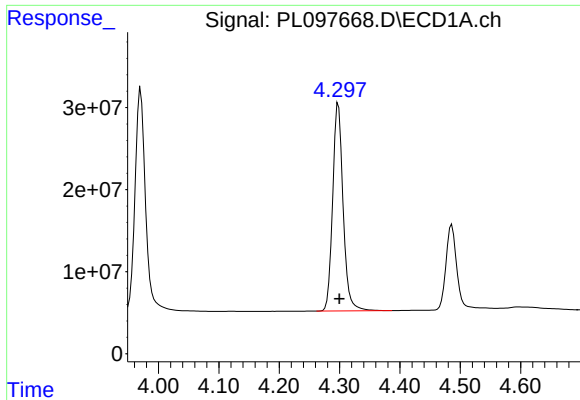
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 323562000
Conc: 47.97 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 463180293
Conc: 46.94 ng/ml



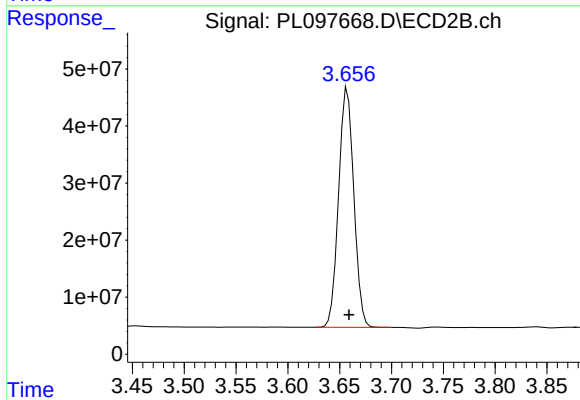
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 304732677
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

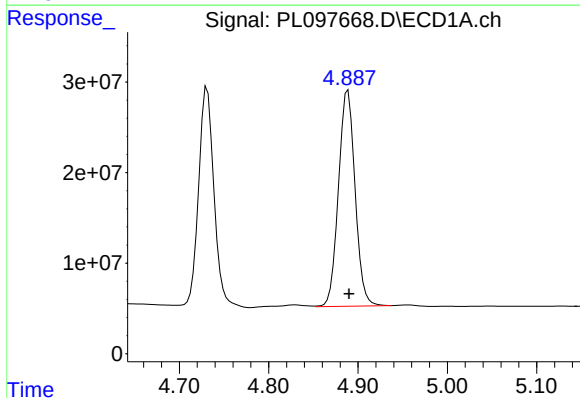
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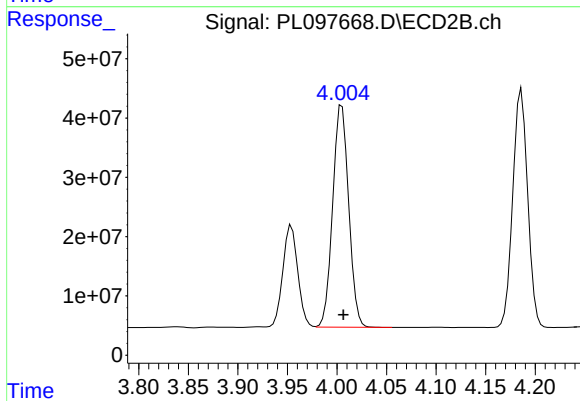
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 429012055
Conc: 46.70 ng/ml



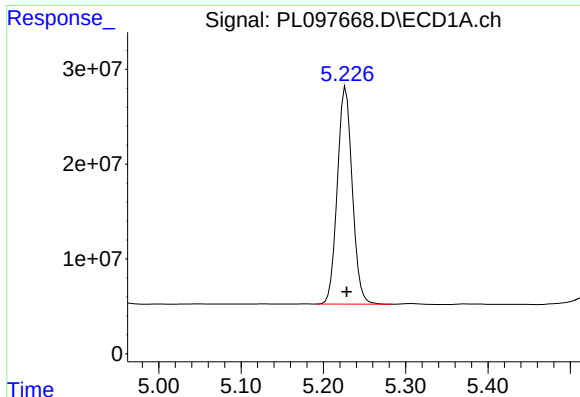
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 307575068
Conc: 47.68 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 420763058
Conc: 45.77 ng/ml



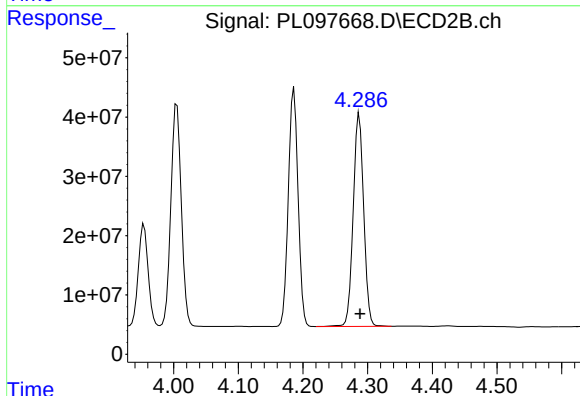
#5 Aldrin

R.T.: 5.227 min
Delta R.T.: -0.001 min
Response: 289209307
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

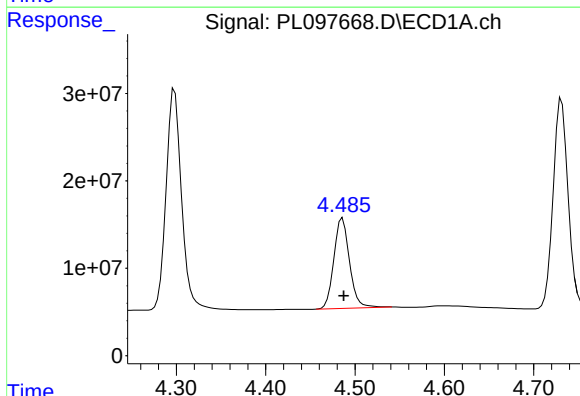
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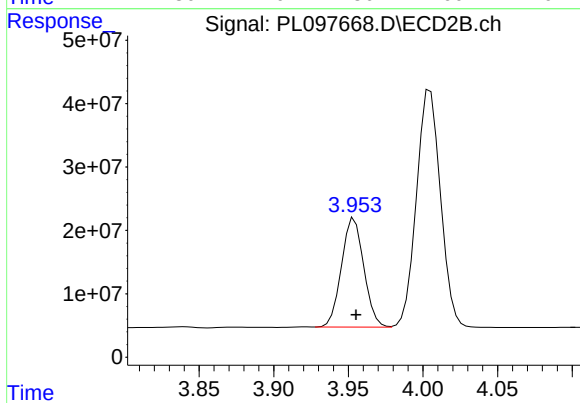
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.001 min
Response: 406473474
Conc: 46.87 ng/ml



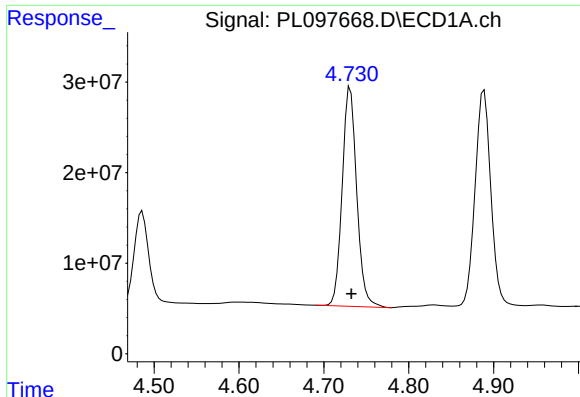
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 126050449
Conc: 48.75 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 179559482
Conc: 45.14 ng/ml



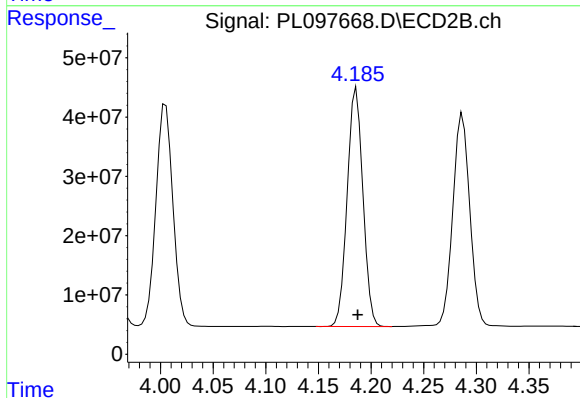
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.001 min
Response: 287561826
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

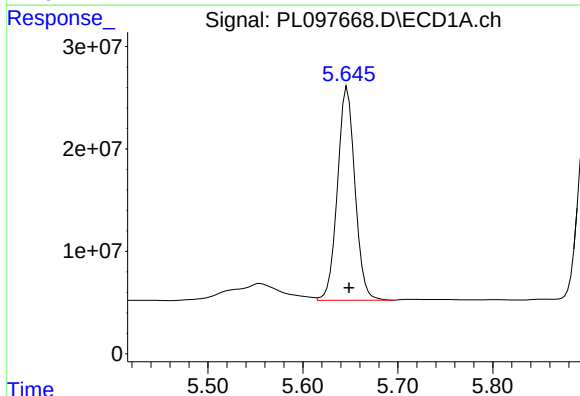
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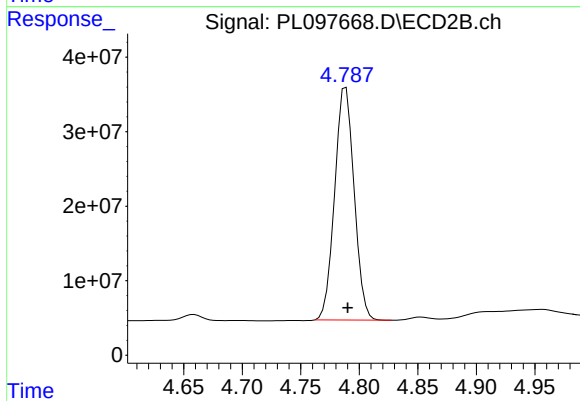
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 420695442
Conc: 46.57 ng/ml



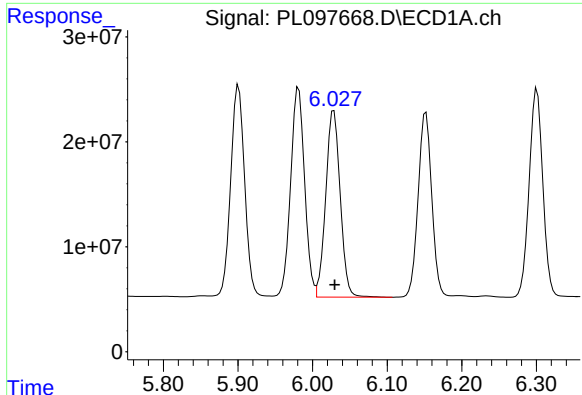
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 267217321
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 361326601
Conc: 45.75 ng/ml



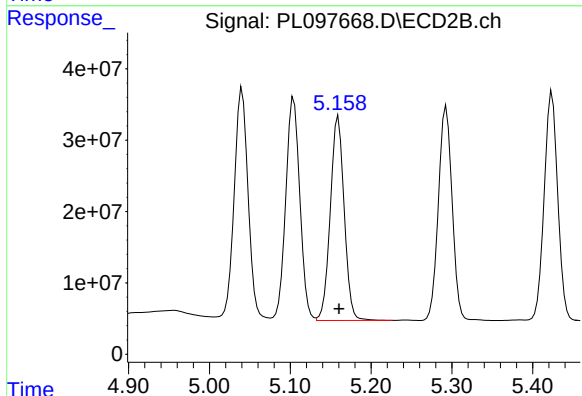
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 239716809
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

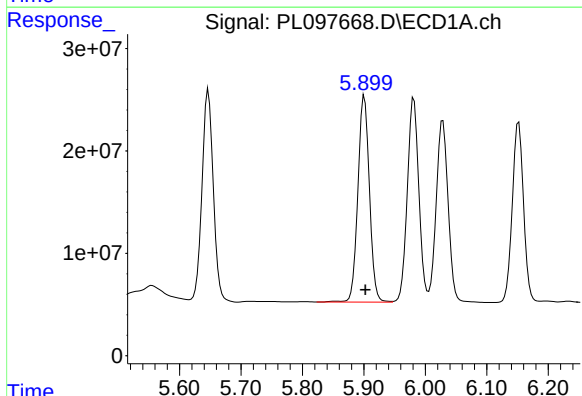
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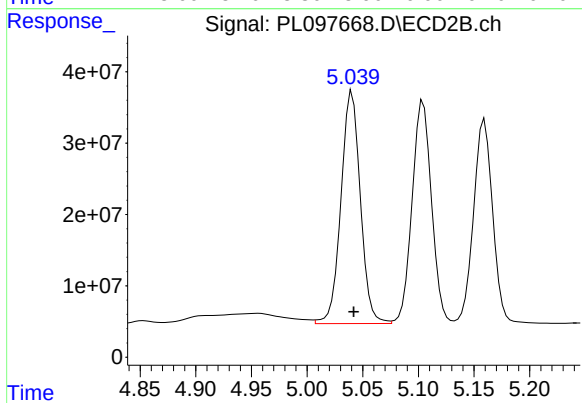
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: -0.001 min
Response: 342106646
Conc: 46.39 ng/ml



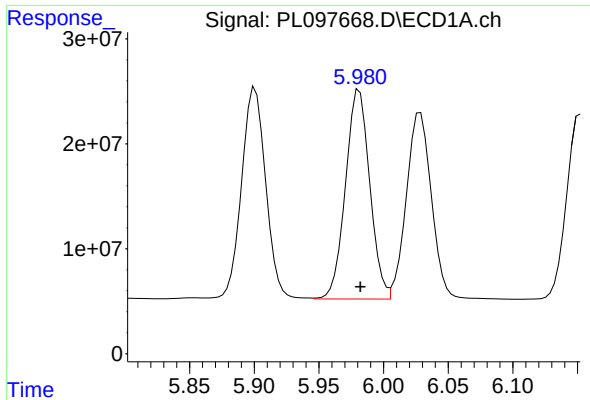
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 263337796
Conc: 48.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 395137196
Conc: 45.45 ng/ml



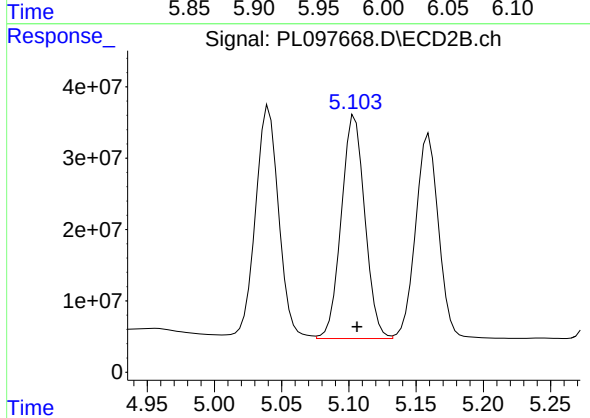
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 260290939
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

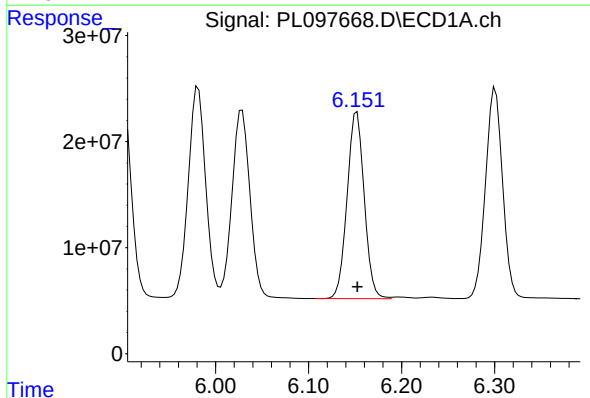
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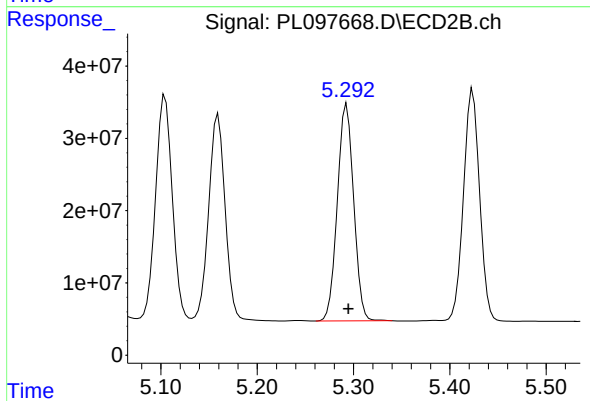
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.002 min
Response: 380244101
Conc: 45.66 ng/ml



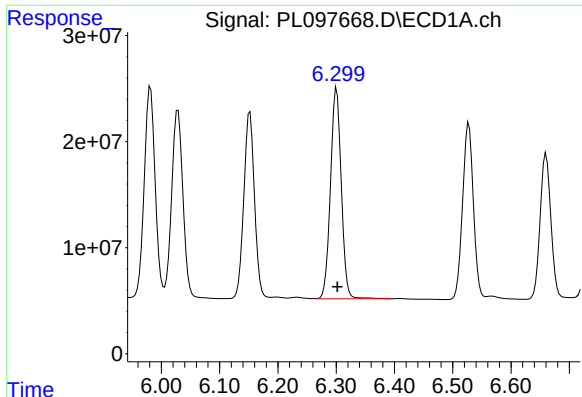
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 225019753
Conc: 48.32 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 353822285
Conc: 46.60 ng/ml



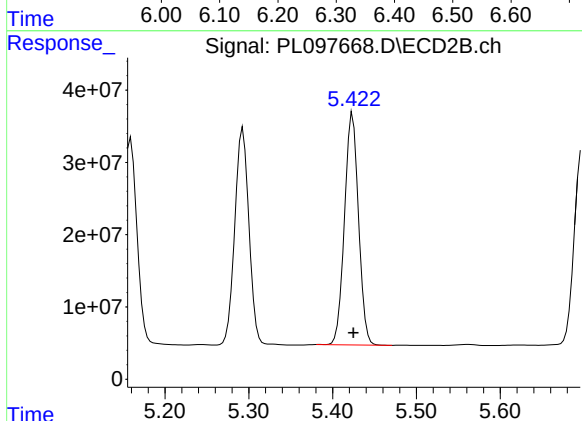
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 256123851
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

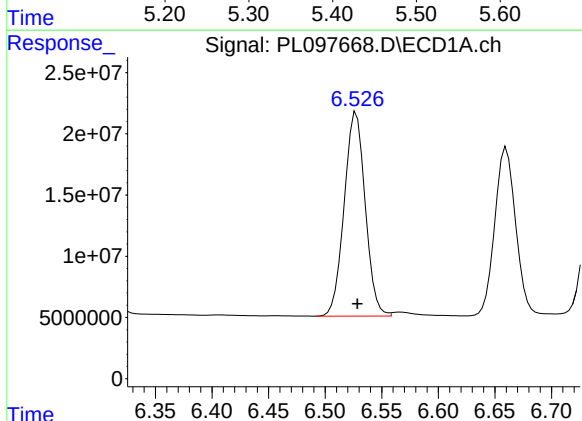
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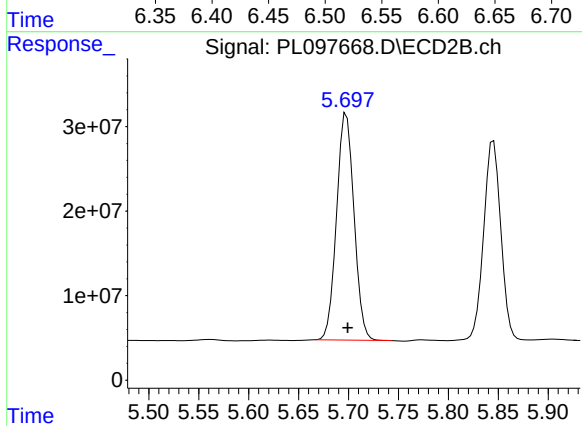
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 372764180
Conc: 45.08 ng/ml



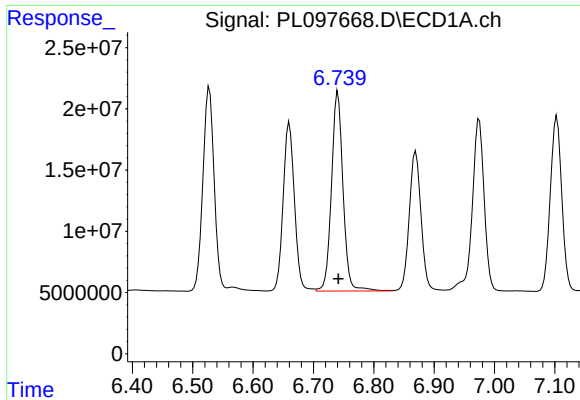
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 215532054
Conc: 48.17 ng/ml



#14 Endrin

R.T.: 5.698 min
Delta R.T.: -0.001 min
Response: 326507477
Conc: 44.11 ng/ml



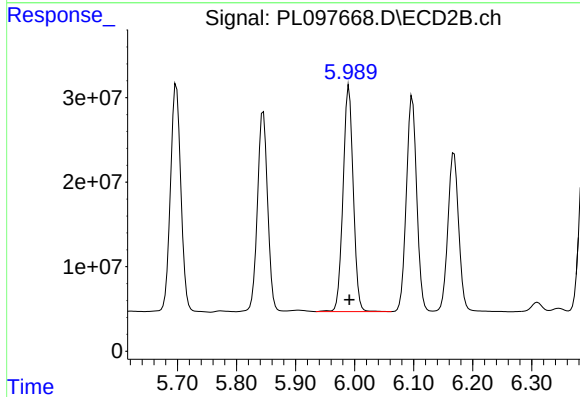
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 217073311
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

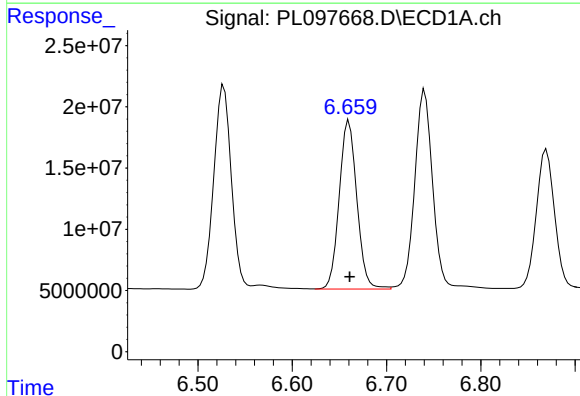
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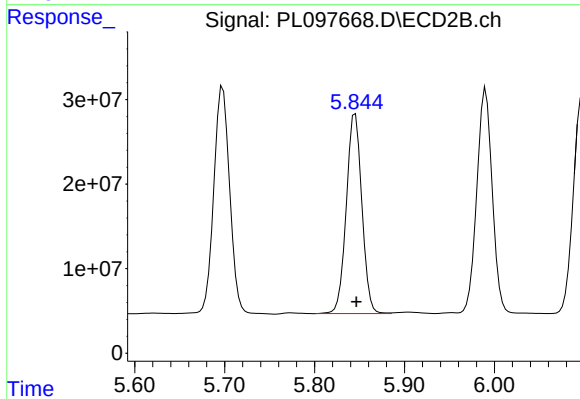
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 320156888
Conc: 46.37 ng/ml



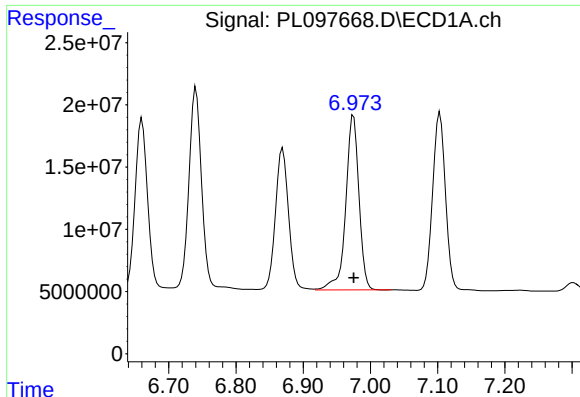
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 179101255
Conc: 47.46 ng/ml



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 284429837
Conc: 44.59 ng/ml



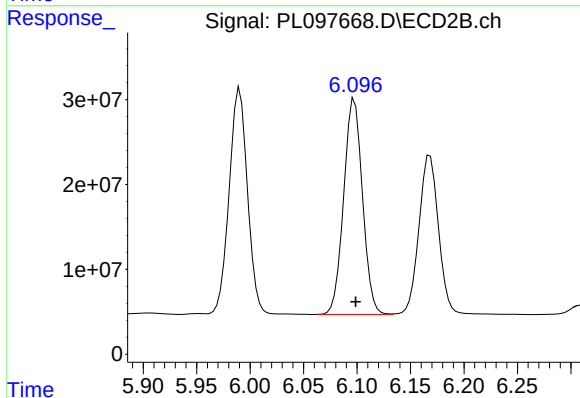
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 19150014
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

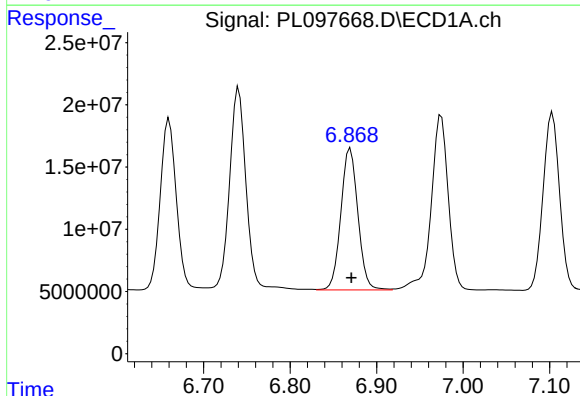
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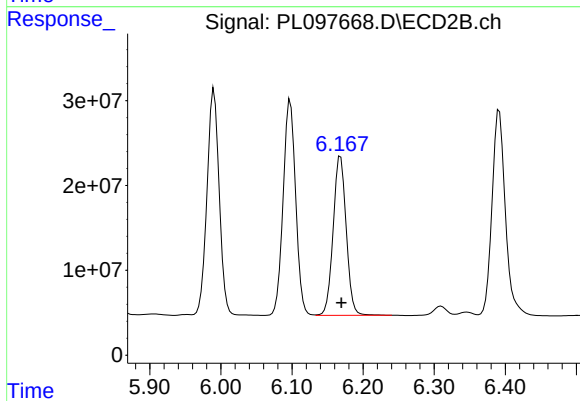
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 311070238
Conc: 46.68 ng/ml



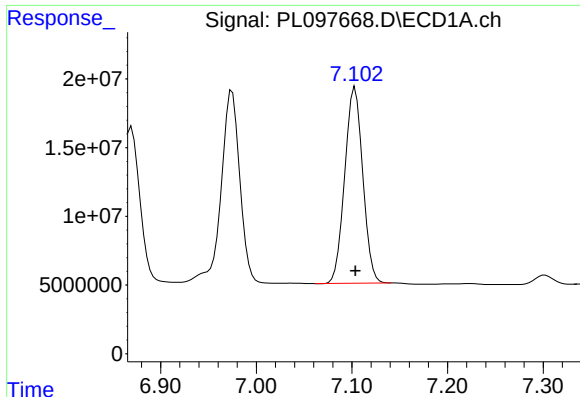
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 154738314
Conc: 47.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 238751758
Conc: 41.46 ng/ml



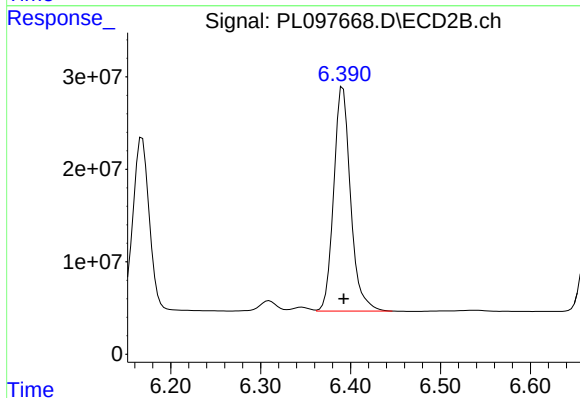
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 187807817
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

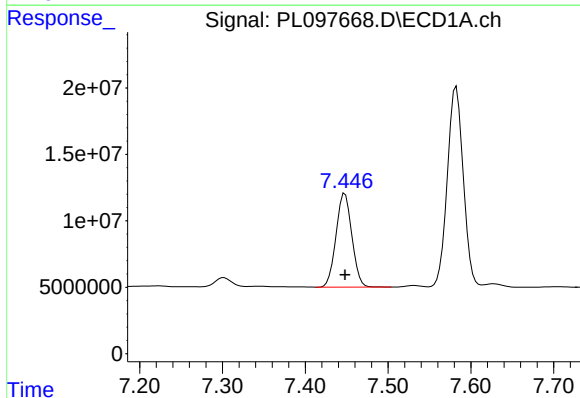
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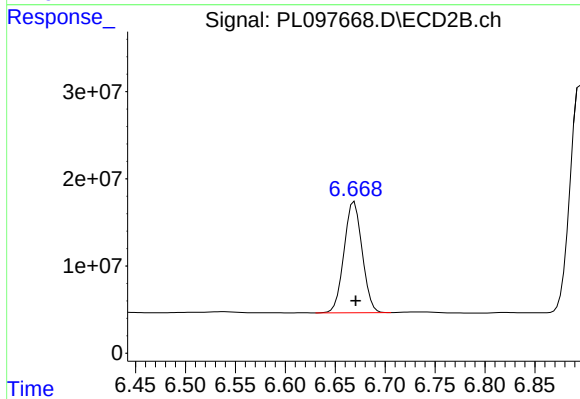
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: -0.001 min
Response: 315509273
Conc: 47.39 ng/ml



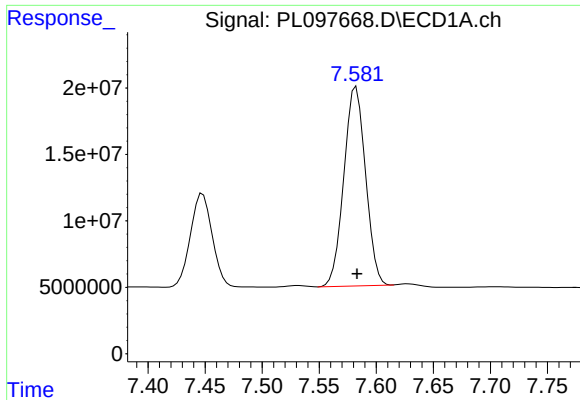
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 93863498
Conc: 44.93 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 160849604
Conc: 44.13 ng/ml



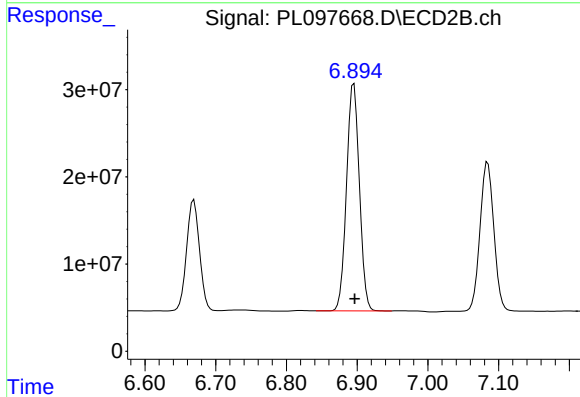
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 198399434
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

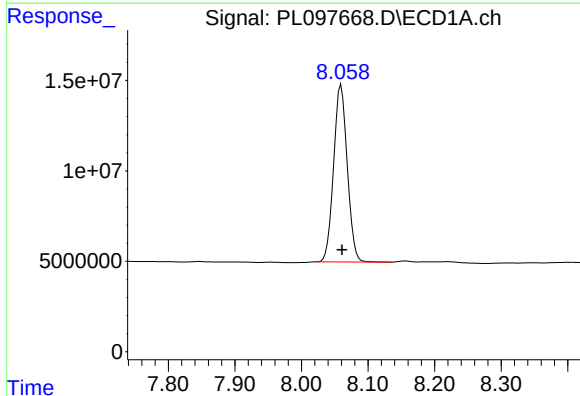
Manual Integrations
APPROVED

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



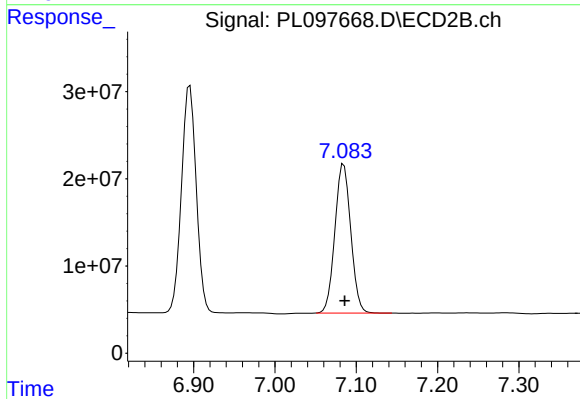
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 329537782
Conc: 41.71 ng/ml



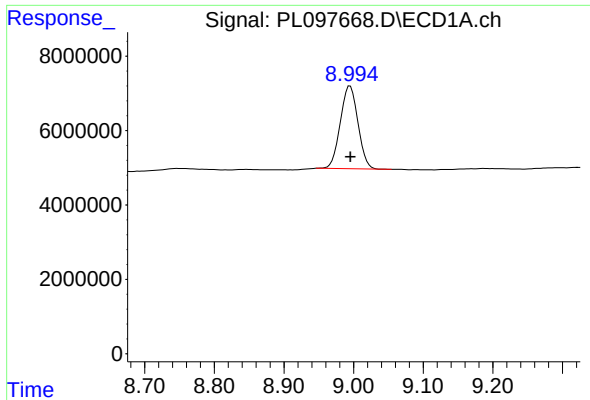
#22 Mirex

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 139452308
Conc: 44.88 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 232064085
Conc: 43.38 ng/ml



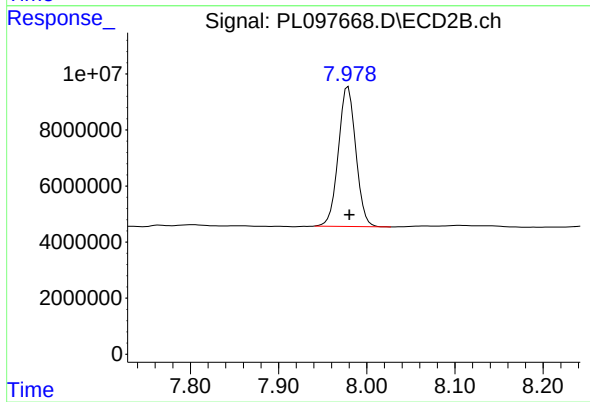
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 39202919
Conc: 13.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOUTH-MAHWAH-SOILMS

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#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 68511885
Conc: 13.20 ng/ml