

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 13:54
 Operator : AR\AJ
 Sample : Q2592-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20250711MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:25:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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	2.828	68056515	111.5E6	18.651	19.327
2)	SA Decachlor...	9.019	7.994	47562824	87822228	16.908	17.612
Target Compounds							
2)	A alpha-BHC	3.984	3.334	252.1E6	446.6E6	49.014	52.956
3)	MA gamma-BHC...	4.312	3.666	247.2E6	419.9E6	49.641	53.314
4)	MA Heptachlor	4.904	4.015	222.2E6	380.9E6	48.505m	50.064
5)	MB Aldrin	5.245	4.298	223.1E6	354.4E6	46.149	48.580
6)	B beta-BHC	4.499	3.962	106.4E6	170.8E6	51.166	49.893
7)	B delta-BHC	4.744	4.195	246.7E6	412.5E6	55.047	53.560
8)	B Heptachlo...	5.664	4.800	219.8E6	340.5E6	52.985	50.929
9)	A Endosulfan I	6.046	5.171	195.2E6	314.4E6	48.341	43.819
10)	B gamma-Chl...	5.918	5.052	211.8E6	354.7E6	47.867	50.531
11)	B alpha-Chl...	5.998	5.116	210.1E6	349.2E6	47.975	46.430
12)	B 4,4'-DDE	6.169	5.305	174.6E6	325.5E6	47.089	50.359
13)	MA Dieldrin	6.318	5.436	204.5E6	347.4E6	48.359	50.937
14)	MA Endrin	6.545	5.709	161.7E6	307.4E6	51.988	50.424
15)	B Endosulfa...	6.756	6.002	170.6E6	293.3E6	49.165m	50.018
16)	A 4,4'-DDD	6.677	5.857	144.6E6	268.0E6	49.671	52.249
17)	MA 4,4'-DDT	6.991	6.110	147.6E6	267.3E6	48.615	46.614
18)	B Endrin al...	6.884	6.180	126.3E6	223.7E6	56.484m	50.210
19)	B Endosulfa...	7.120	6.403	150.9E6	282.1E6	49.344	50.151
20)	A Methoxychlor	7.464	6.682	79624308	139.8E6	50.542	46.009
21)	B Endrin ke...	7.599	6.907	160.4E6	298.2E6	48.577	47.695
22)	Mirex	8.079	7.098	128.3E6	226.5E6	46.131	45.588

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 13:54
Operator : AR\AJ
Sample : Q2592-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

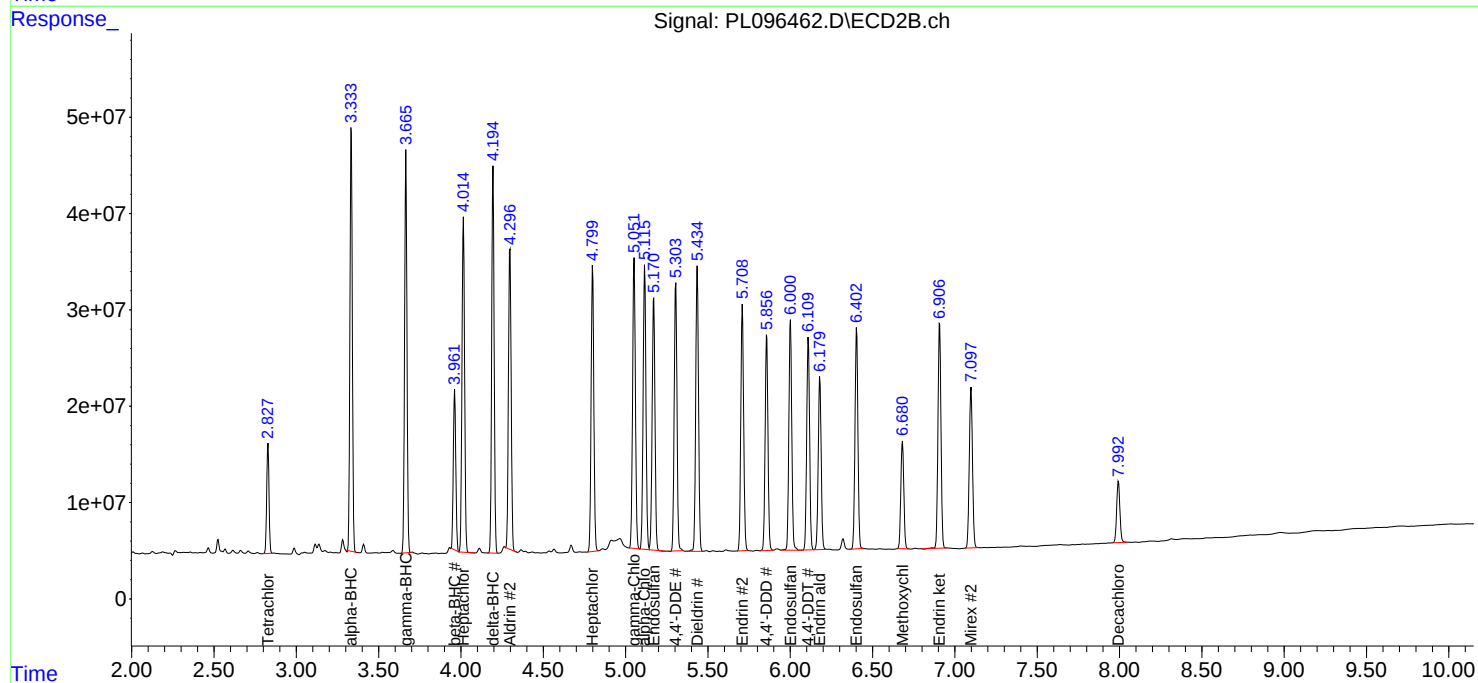
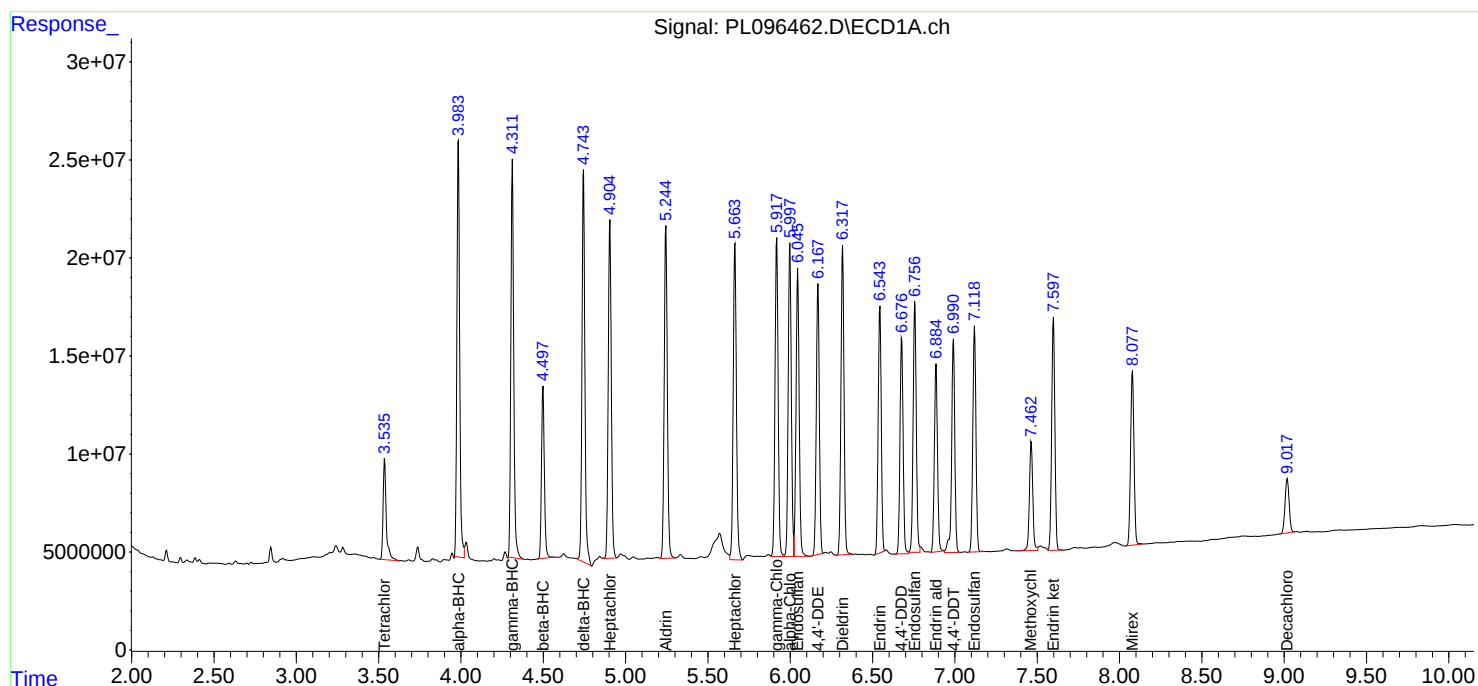
Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

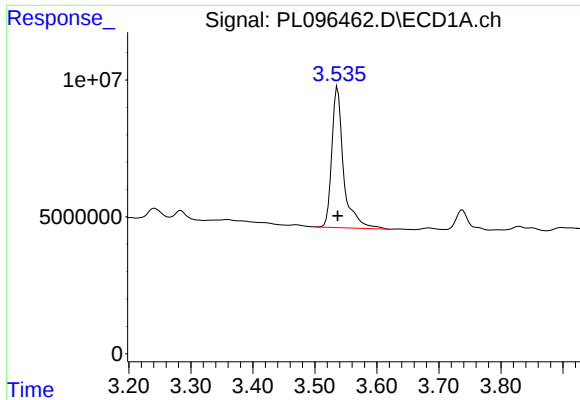
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





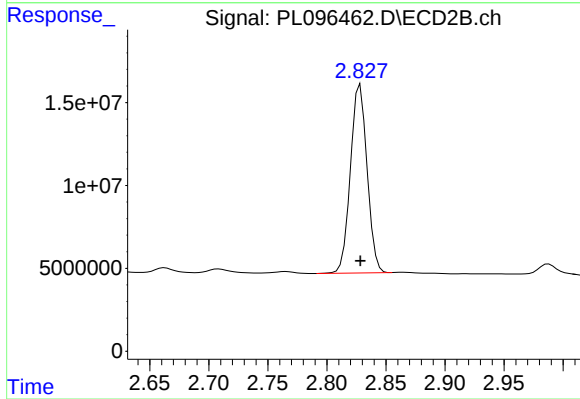
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 68056515
Conc: 18.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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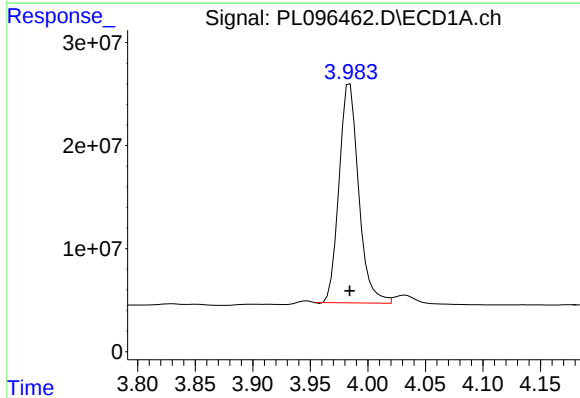
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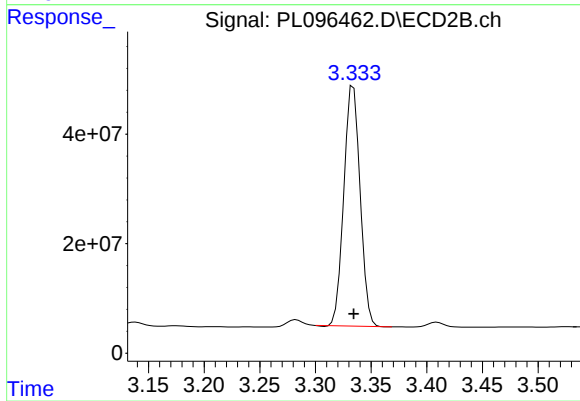
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 111538964
Conc: 19.33 ng/ml



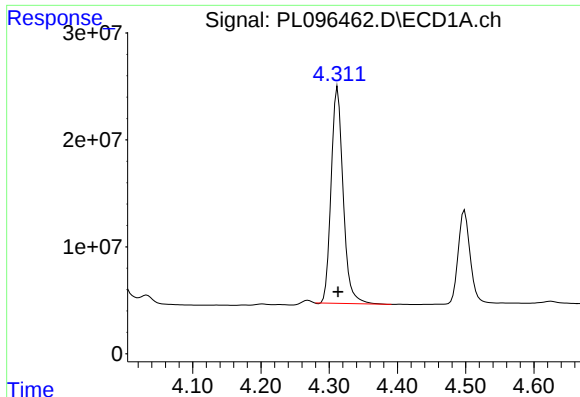
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 252085333
Conc: 49.01 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 446649156
Conc: 52.96 ng/ml



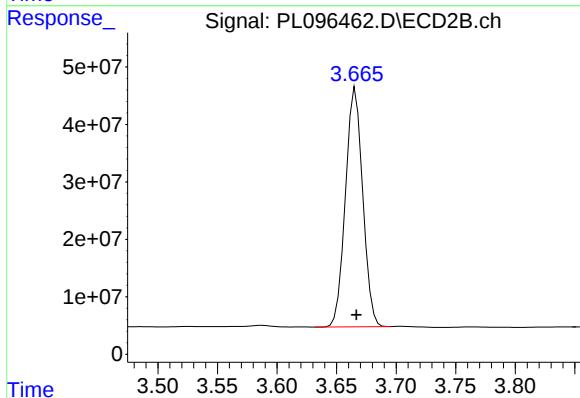
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 247193845
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

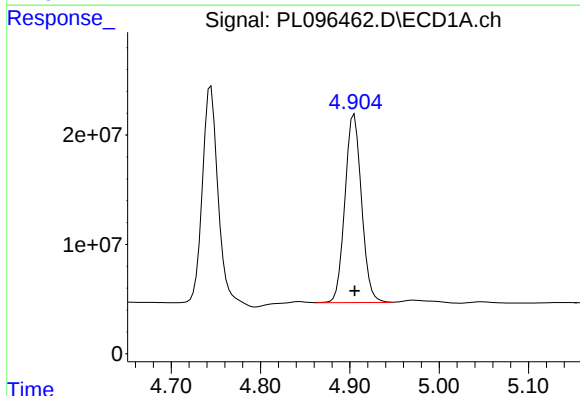
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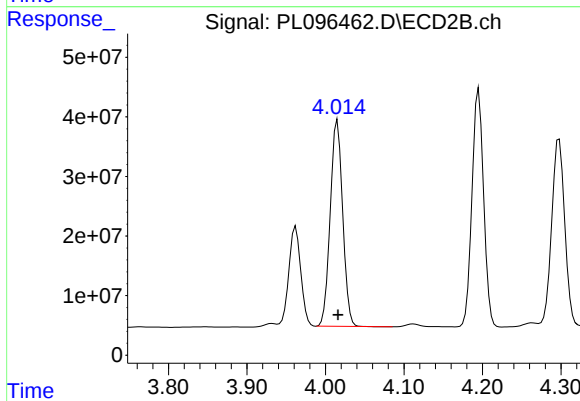
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 419893765
Conc: 53.31 ng/ml



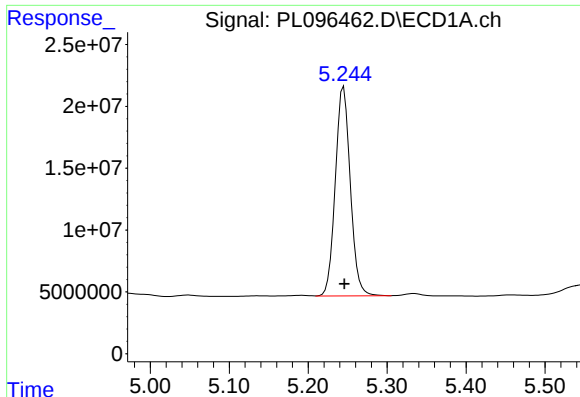
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 222213767
Conc: 48.51 ng/ml m



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 380875978
Conc: 50.06 ng/ml



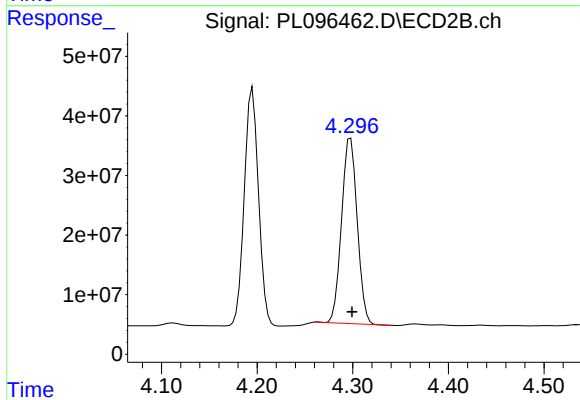
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 223072088
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

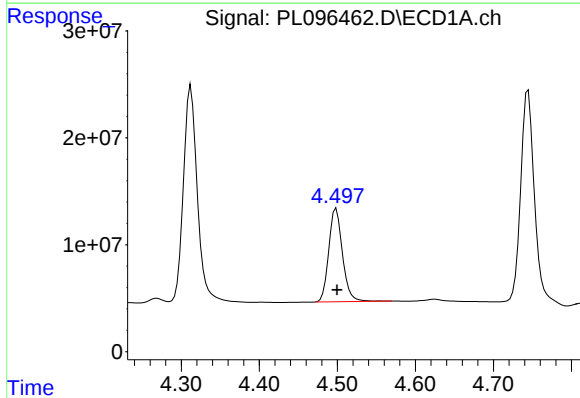
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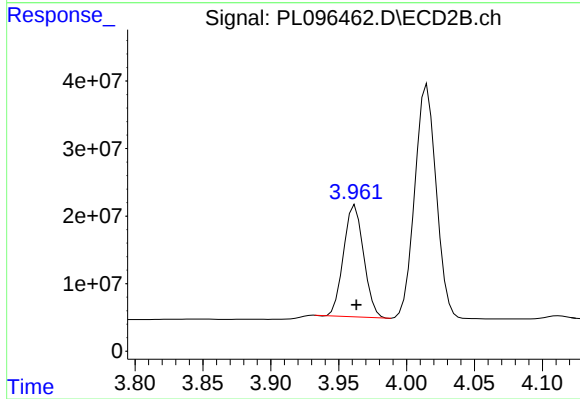
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 354418365
Conc: 48.58 ng/ml



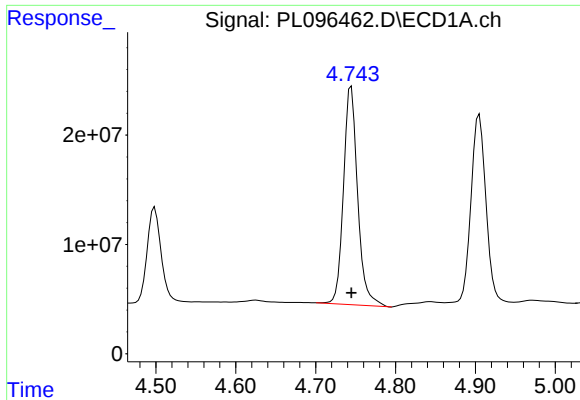
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 106363134
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 170829405
Conc: 49.89 ng/ml



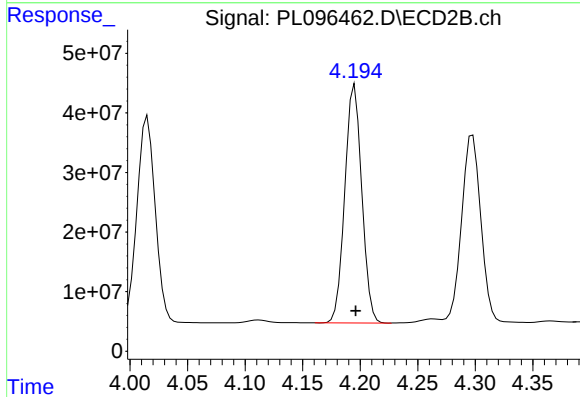
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 246685690
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

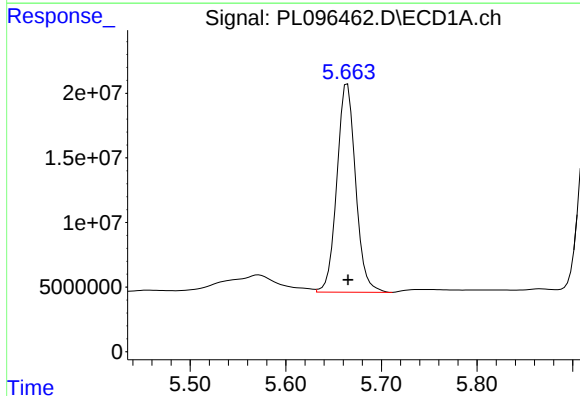
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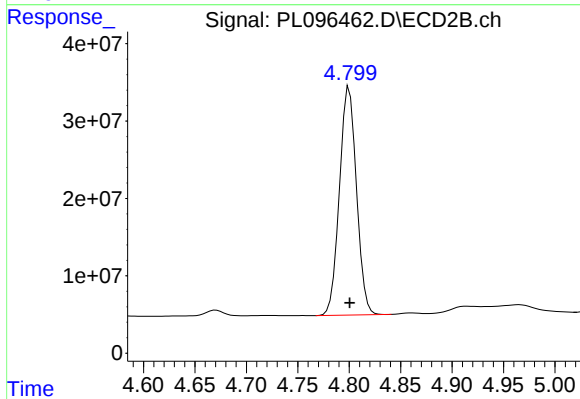
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 412513721
Conc: 53.56 ng/ml



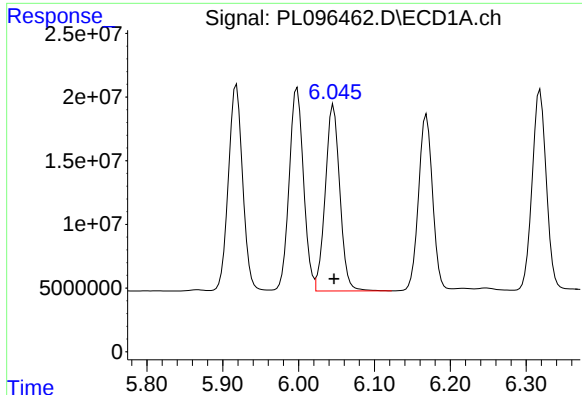
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 219844706
Conc: 52.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 340455356
Conc: 50.93 ng/ml



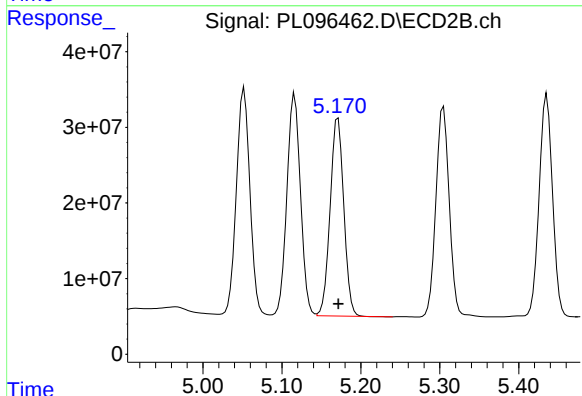
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 195163169
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

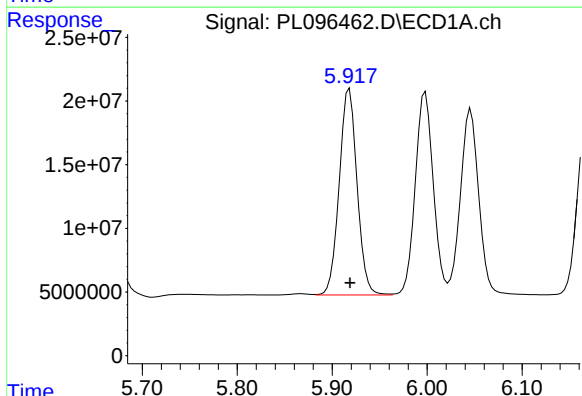
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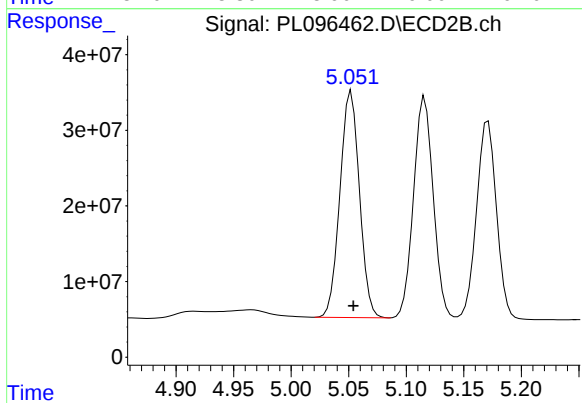
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 314362731
Conc: 43.82 ng/ml



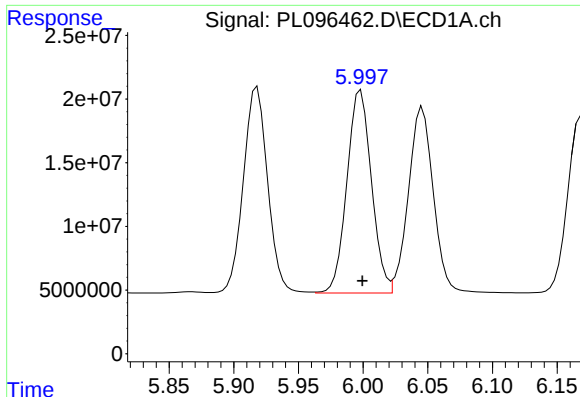
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 211802844
Conc: 47.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 354711682
Conc: 50.53 ng/ml



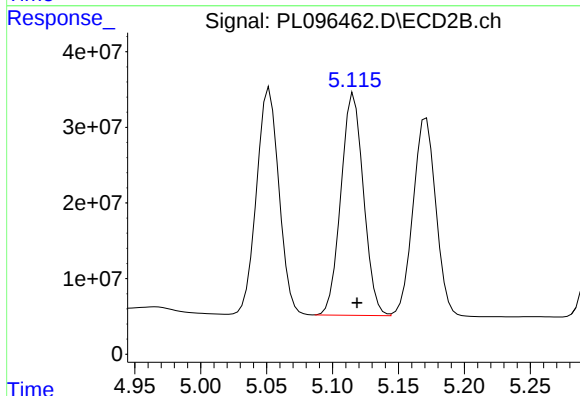
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 210075641
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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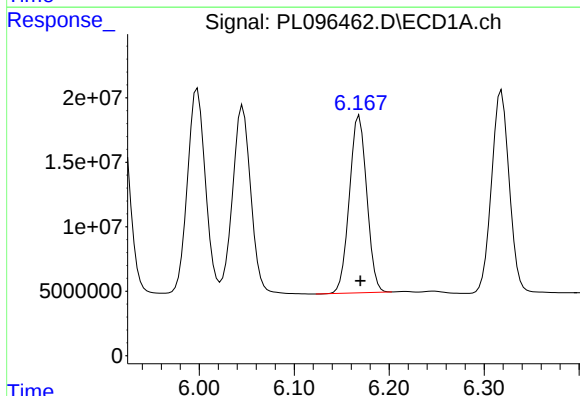
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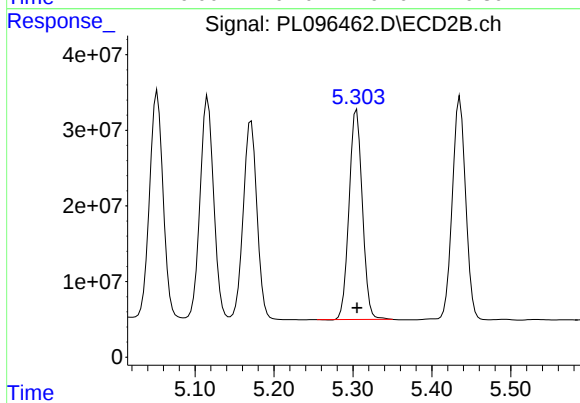
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 349164311
Conc: 46.43 ng/ml



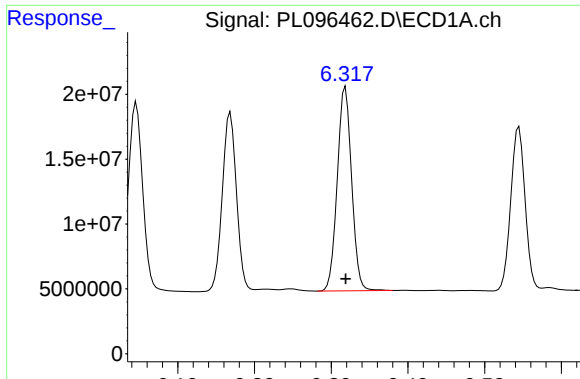
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 174579906
Conc: 47.09 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 325502029
Conc: 50.36 ng/ml



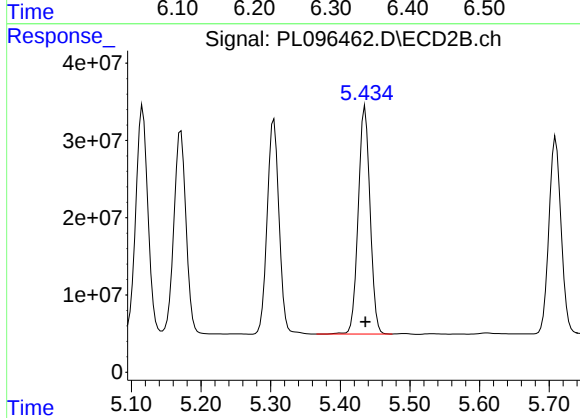
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 204481393
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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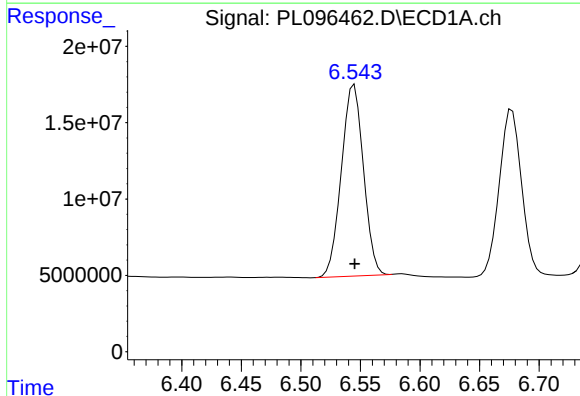
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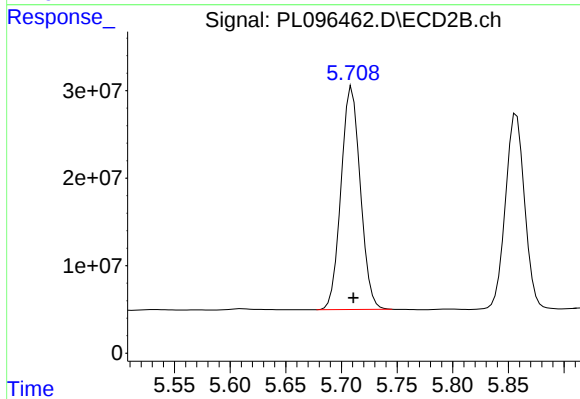
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 347353471
Conc: 50.94 ng/ml



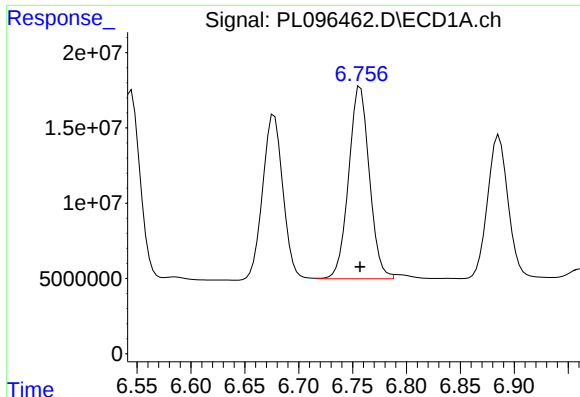
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 161692885
Conc: 51.99 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 307412114
Conc: 50.42 ng/ml



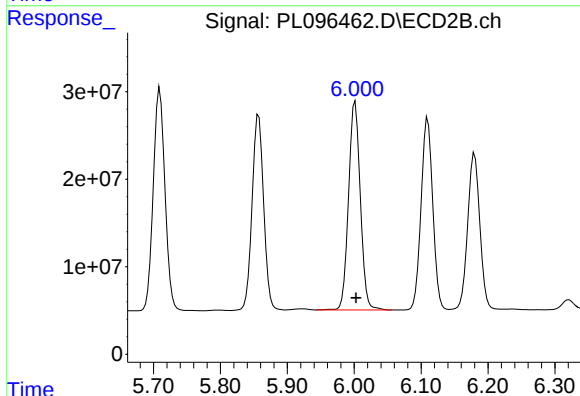
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 170604038
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
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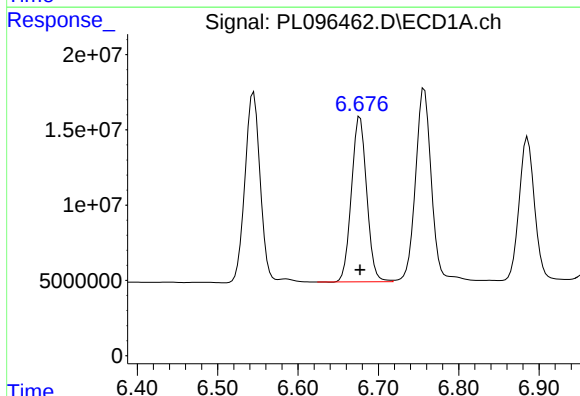
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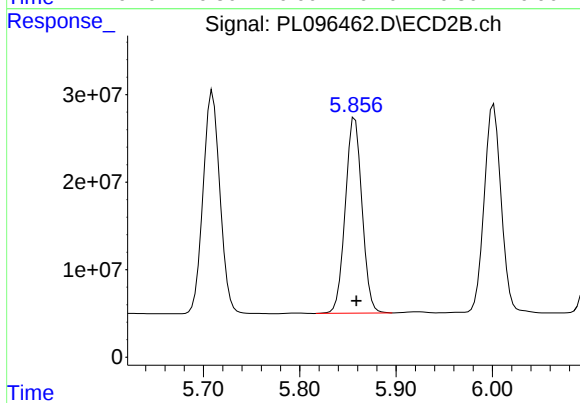
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 293301417
Conc: 50.02 ng/ml



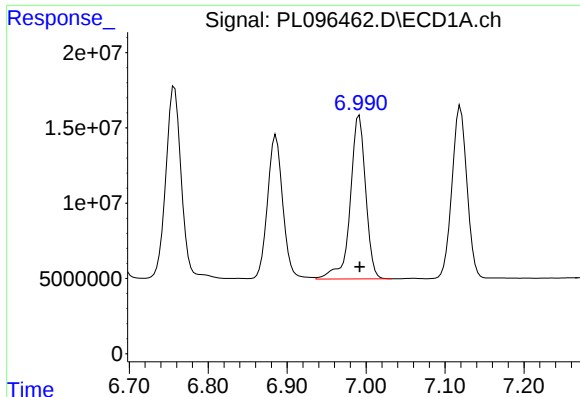
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 144625711
Conc: 49.67 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 267967220
Conc: 52.25 ng/ml



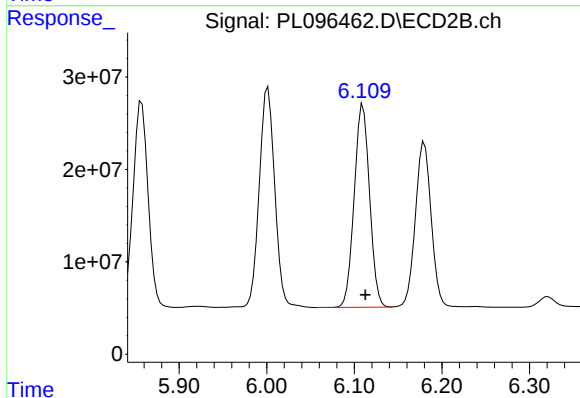
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 147557880
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

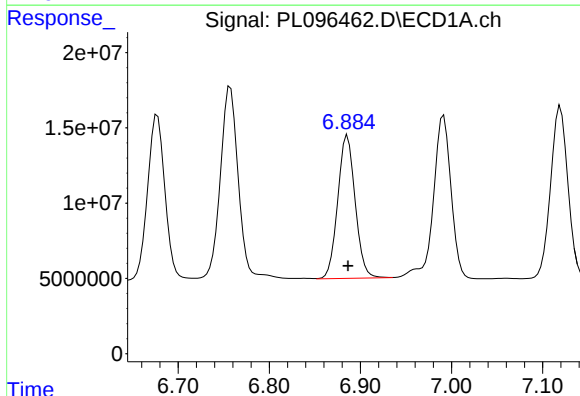
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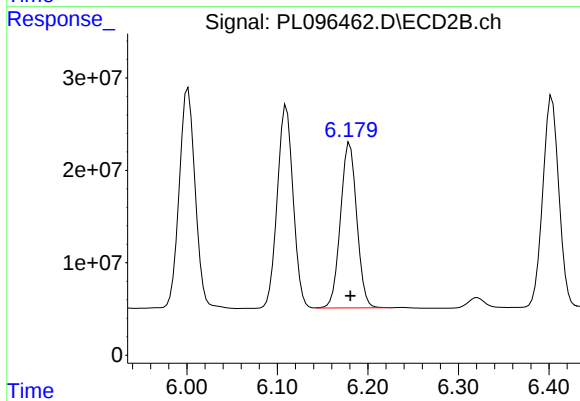
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 267337706
Conc: 46.61 ng/ml



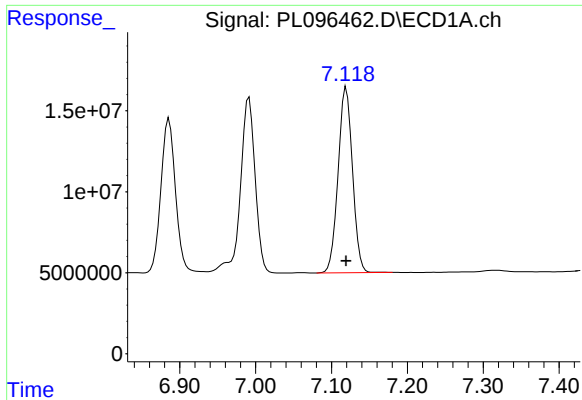
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 126272270
Conc: 56.48 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 223664768
Conc: 50.21 ng/ml



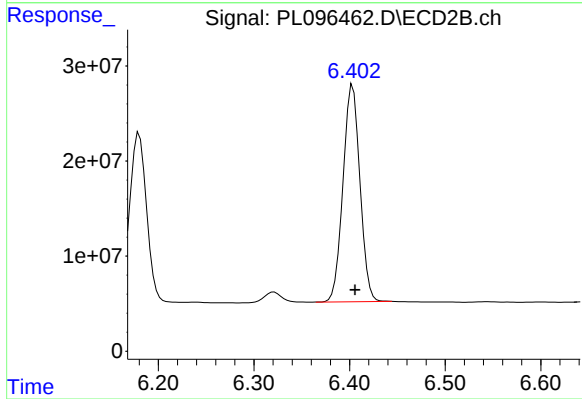
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 150935362
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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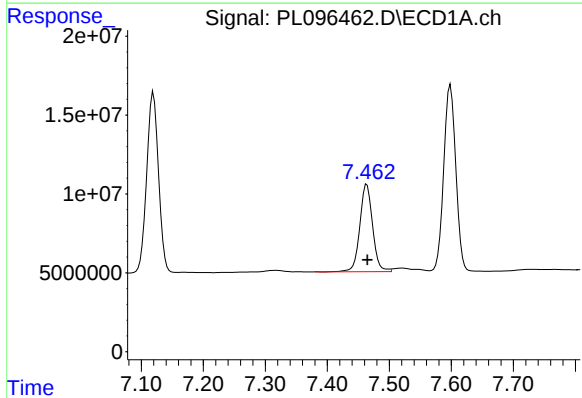
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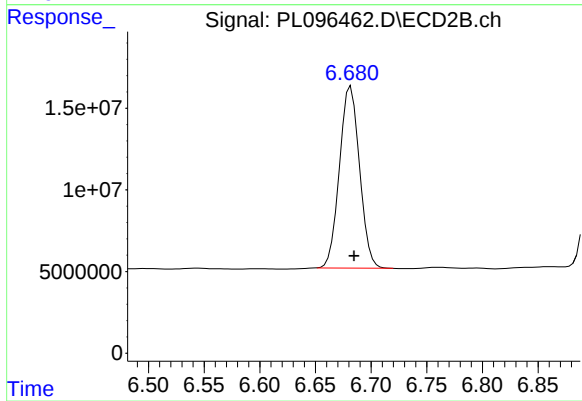
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 282068023
Conc: 50.15 ng/ml



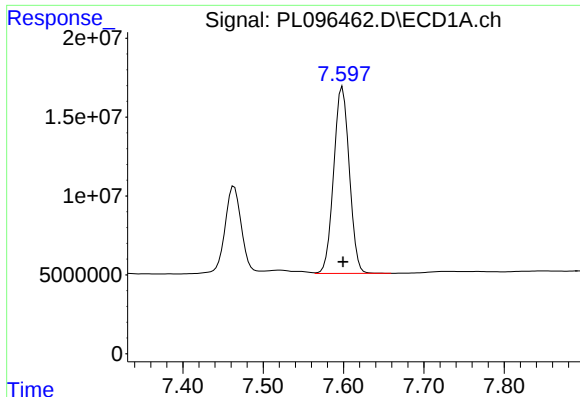
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 79624308
Conc: 50.54 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 139764278
Conc: 46.01 ng/ml



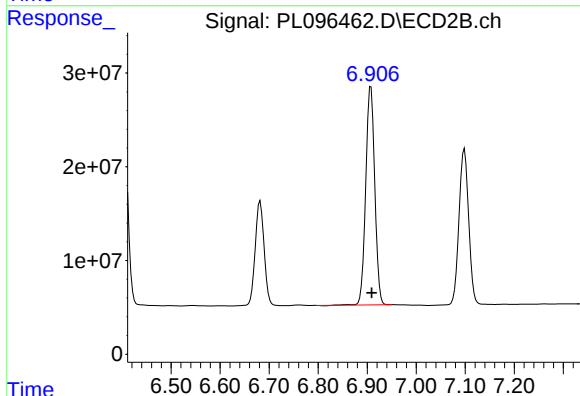
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 160382105
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

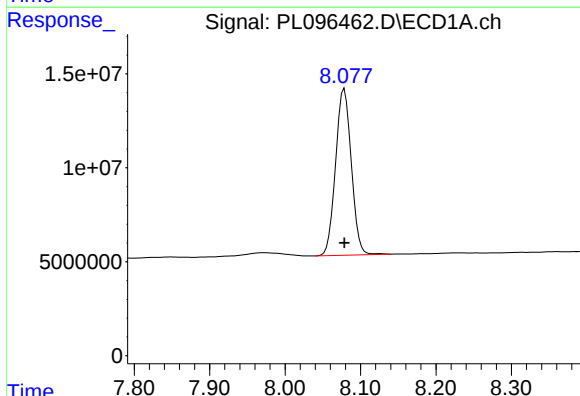
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



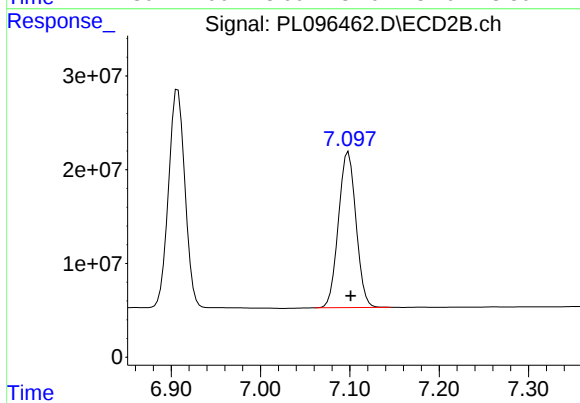
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 298201323
Conc: 47.70 ng/ml



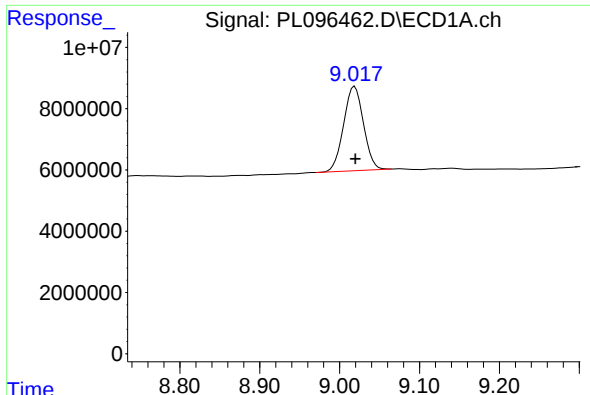
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 128347487
Conc: 46.13 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 226490525
Conc: 45.59 ng/ml



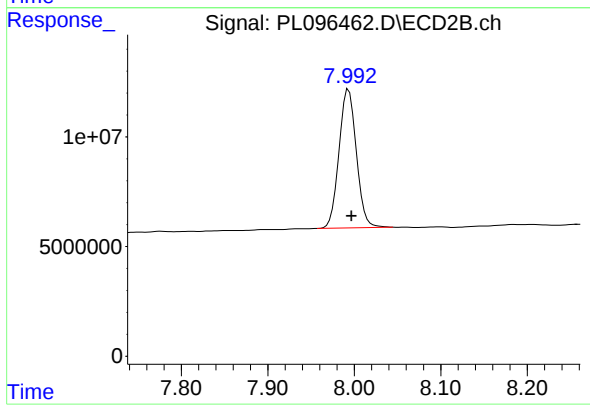
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 47562824
Conc: 16.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20250711MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 87822228
Conc: 17.61 ng/ml