

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 17:32
 Operator : AR\AJ
 Sample : 01542-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/15/2023
 Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 20:40:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.349	2.687	23079446	24462235	10.760m	11.137
28)	SA Decachlor...	8.785	7.831	16107993	20284952	9.201	8.514
Target Compounds							
2)	A alpha-BHC	3.799	3.188	145.7E6	140.6E6	46.004	44.218
3)	MA gamma-BHC...	4.127	3.516	137.0E6	132.1E6	46.596	44.234
4)	MA Heptachlor	4.711	3.856	132.4E6	134.5E6	44.787	42.256
5)	MB Aldrin	5.049	4.135	127.6E6	137.4E6	46.632	46.588
6)	B beta-BHC	4.323	3.812	61287690	58099338	44.899	43.532
7)	B delta-BHC	4.566	4.042	123.9E6	115.0E6	42.782	39.871
8)	B Heptachlo...	5.473	4.638	119.7E6	122.4E6	46.284	43.981
9)	A Endosulfan I	5.855	5.007	109.0E6	111.4E6	46.179	42.843
10)	B gamma-Chl...	5.728	4.887	118.9E6	122.9E6	47.075	43.368m
11)	B alpha-Chl...	5.807	4.952	116.8E6	120.6E6	46.278	42.087
12)	B 4,4'-DDE	5.985	5.144	103.3E6	106.3E6	46.387	45.071m
13)	MA Dieldrin	6.129	5.270	111.9E6	116.8E6	46.752	43.173m
14)	MA Endrin	6.356	5.546	93763909	98523840	43.355	42.446
15)	B Endosulfa...	6.575	5.838	90925284	97024525	39.665	46.563m
16)	A 4,4'-DDD	6.499	5.698	91056934	91472194	49.704	48.676
17)	MA 4,4'-DDT	6.812	5.949	75792219	77560896	36.479	36.908
18)	B Endrin al...	6.704	6.020	75643393	79323320	45.475	43.438
19)	B Endosulfa...	6.938	6.242	92864643	100.0E6	44.864	43.011
20)	A Methoxychlor	7.289	6.527	40626227	43462135	36.823	35.817
21)	B Endrin ke...	7.418	6.748	100.9E6	115.0E6	45.751	45.028
22)	Mirex	7.890	6.930	76376099	93874719	44.410	41.232

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
Data File : PL080921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 17:32
Operator : AR\AJ
Sample : 01542-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOILMSD

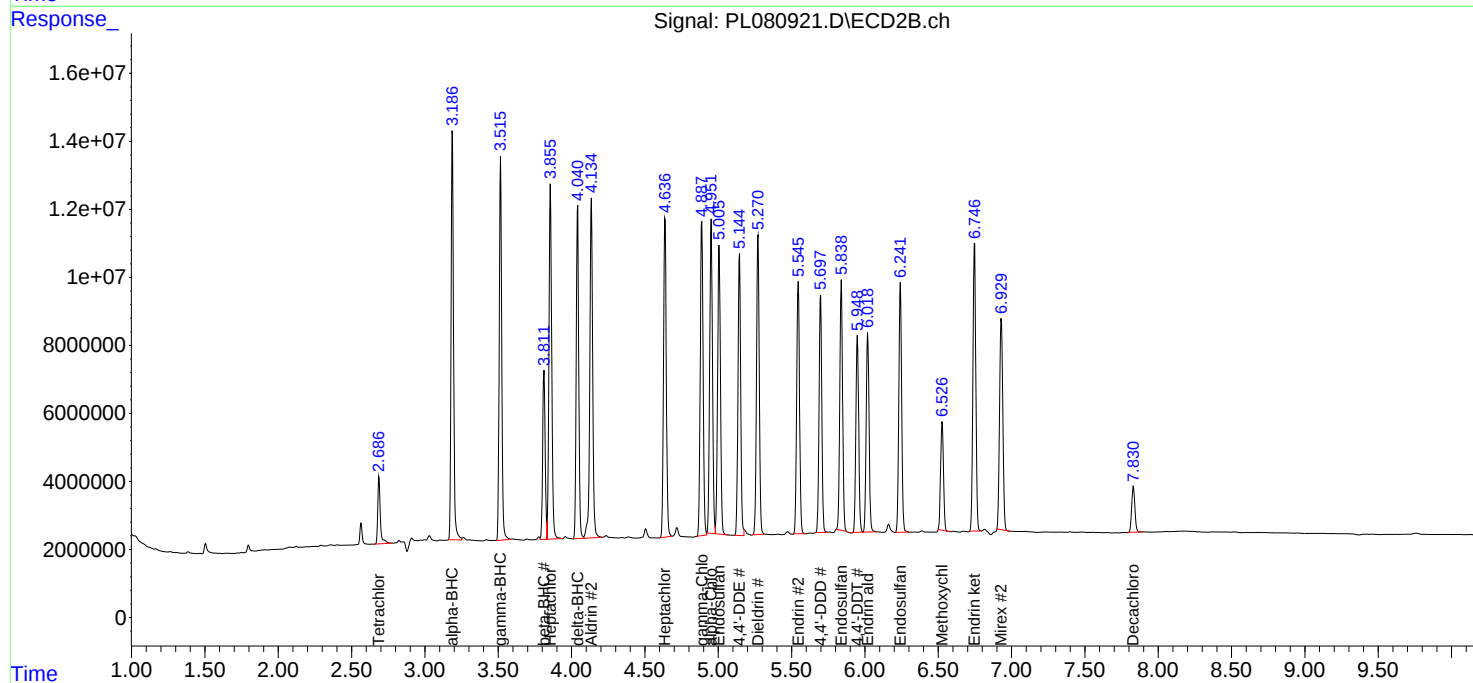
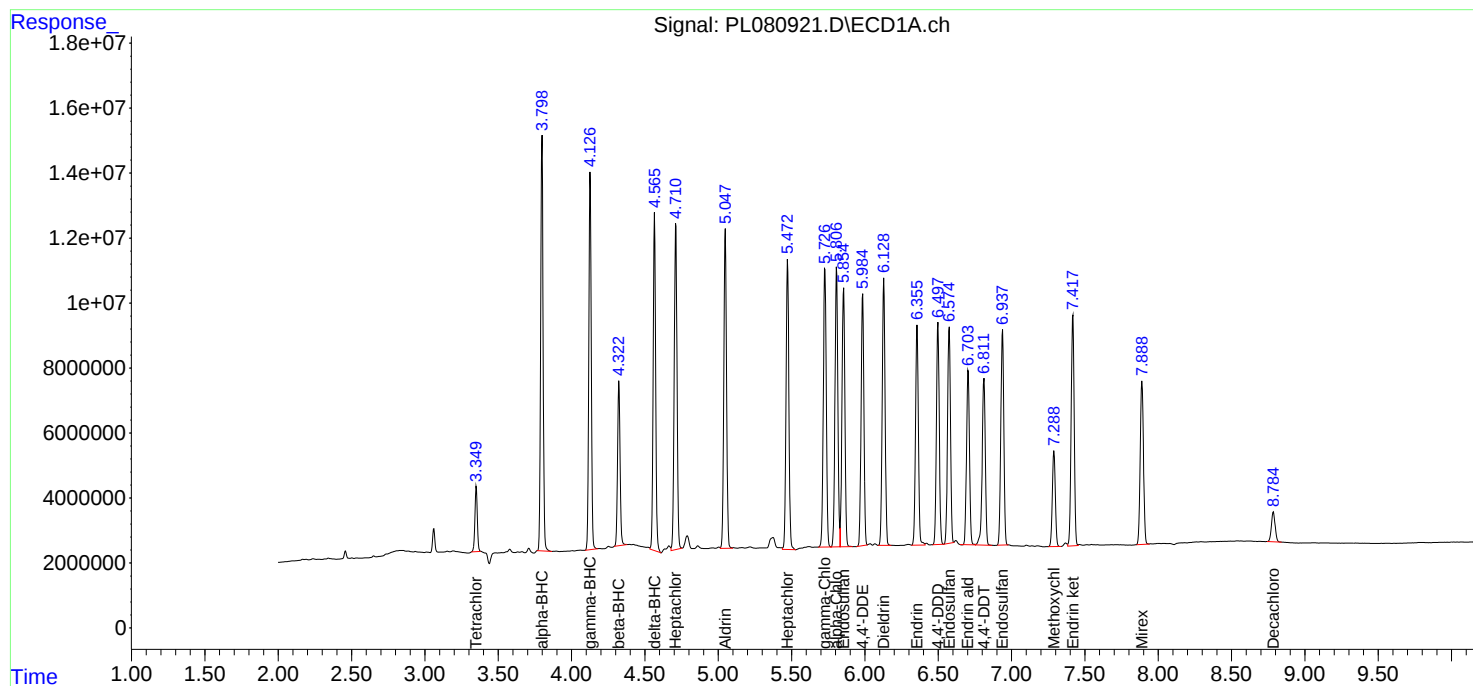
Manual Integrations

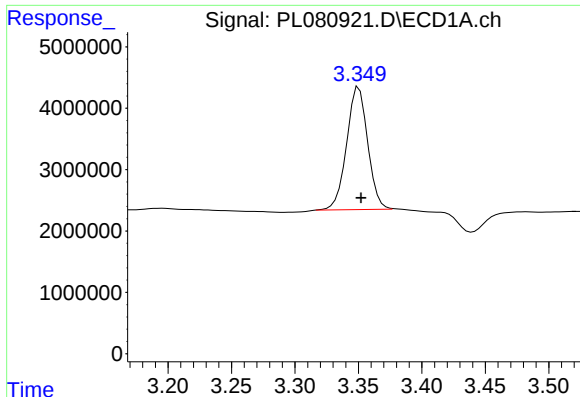
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Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:40:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





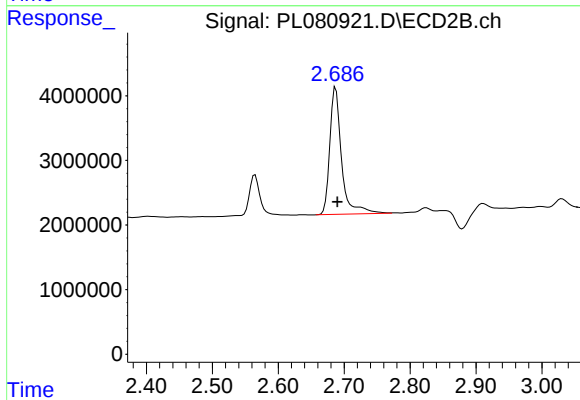
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 23079446
Conc: 10.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

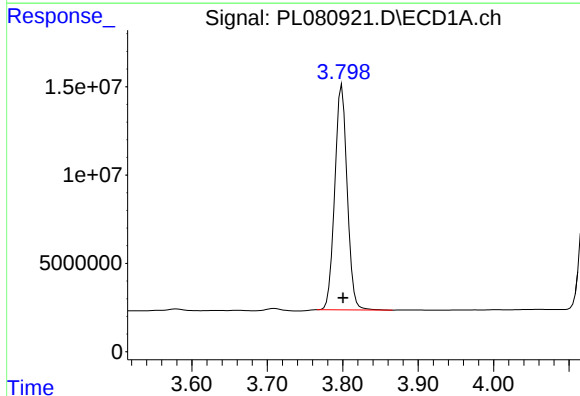
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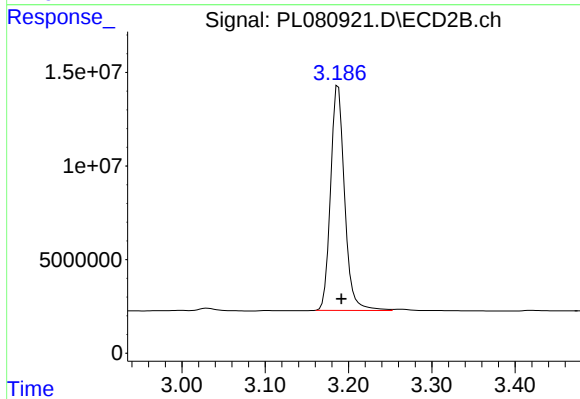
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 24462235
Conc: 11.14 ng/ml



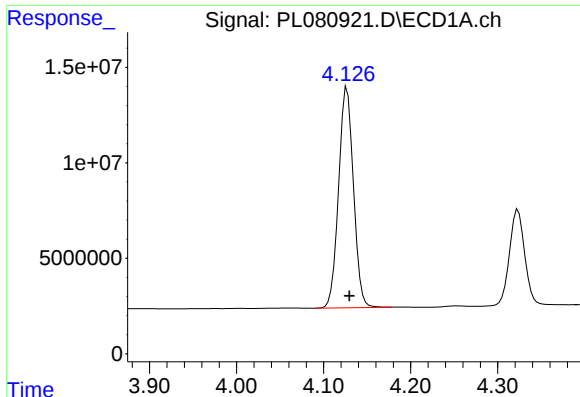
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 145742332
Conc: 46.00 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 140631729
Conc: 44.22 ng/ml



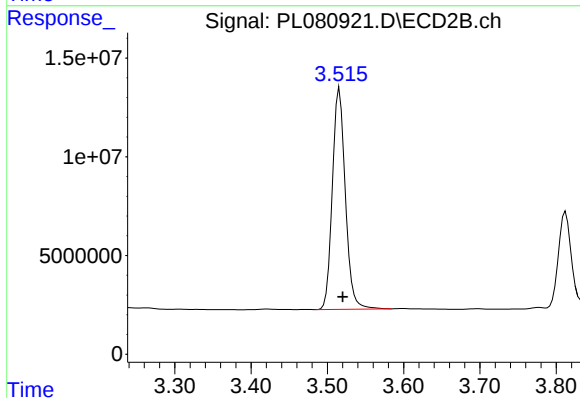
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 136981809
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

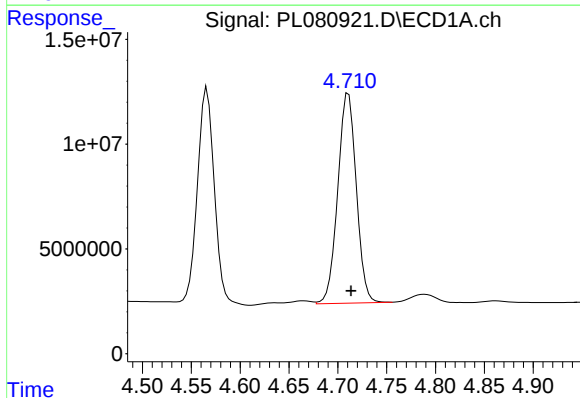
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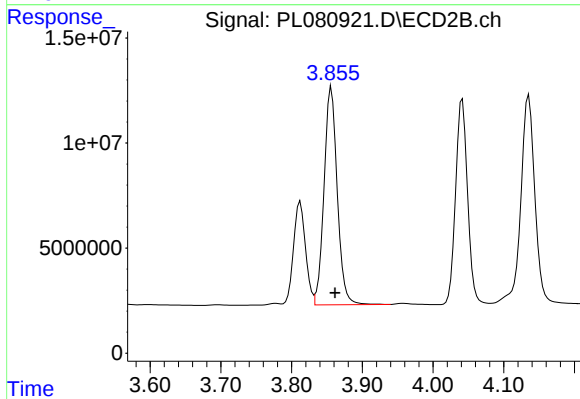
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 132141251
Conc: 44.23 ng/ml



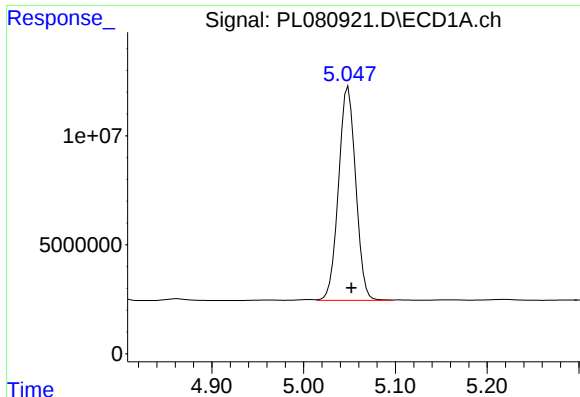
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 132354718
Conc: 44.79 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.005 min
Response: 134474921
Conc: 42.26 ng/ml



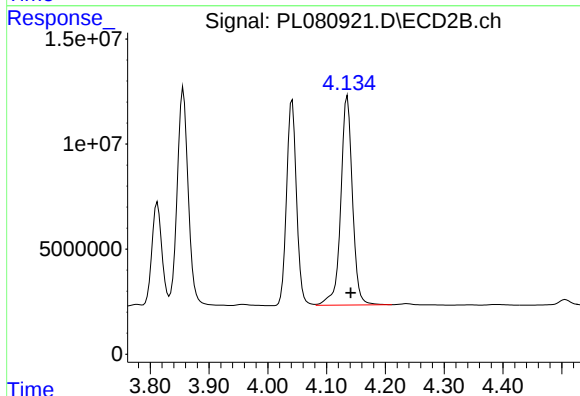
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 127575219
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

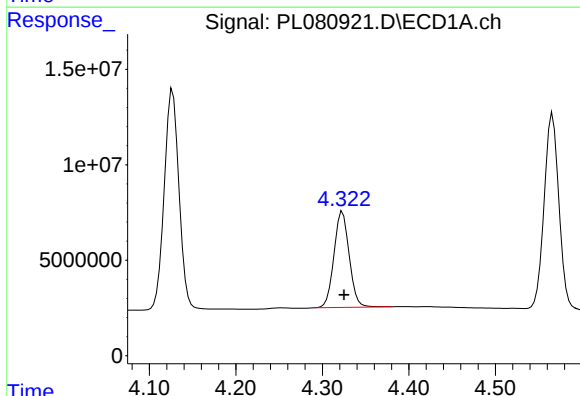
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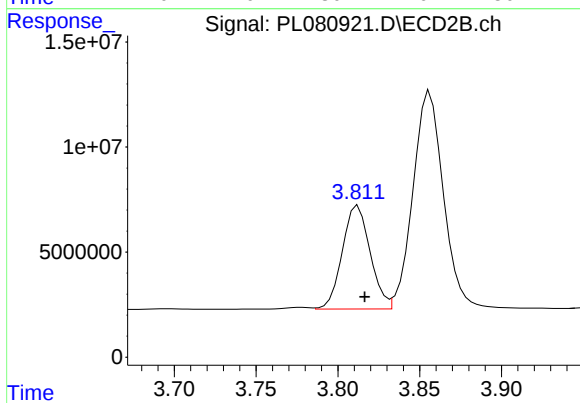
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 137415779
Conc: 46.59 ng/ml



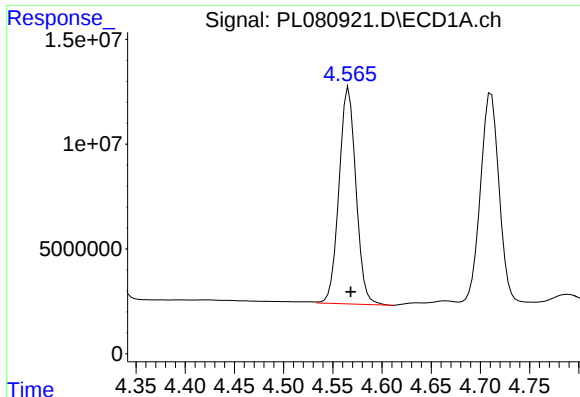
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 61287690
Conc: 44.90 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 58099338
Conc: 43.53 ng/ml



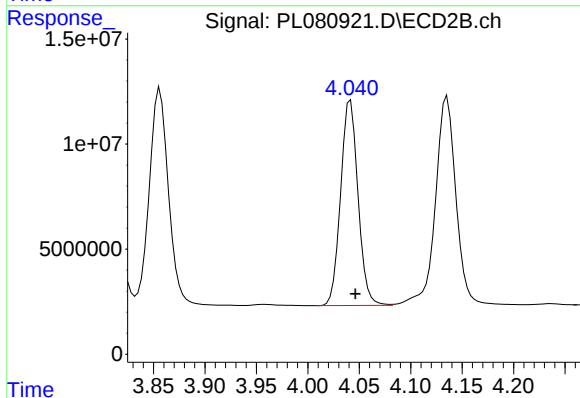
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 123853166
Conc: 42.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

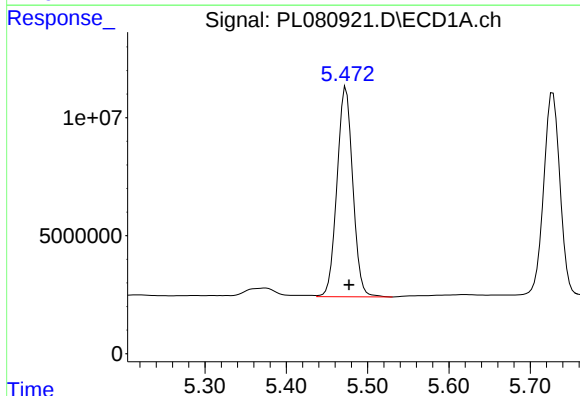
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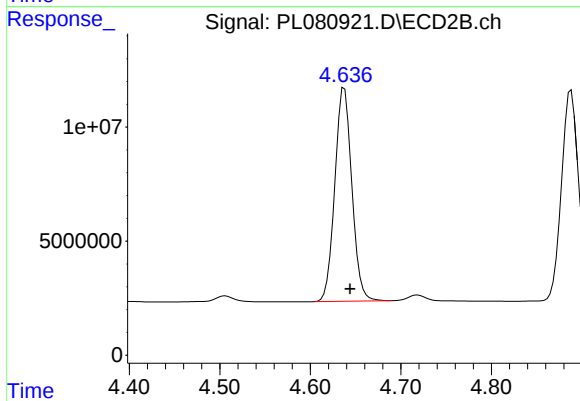
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 115004324
Conc: 39.87 ng/ml



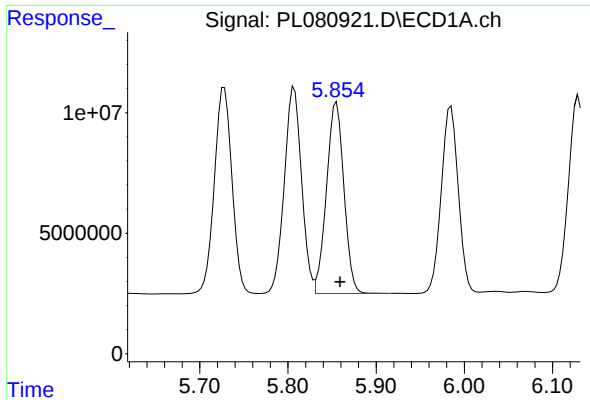
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 119738319
Conc: 46.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 122370302
Conc: 43.98 ng/ml



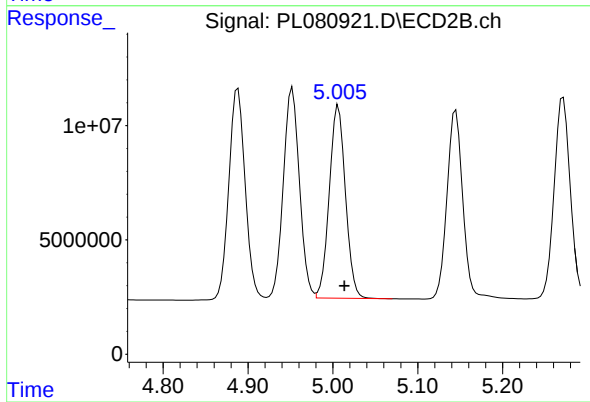
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 109049637
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

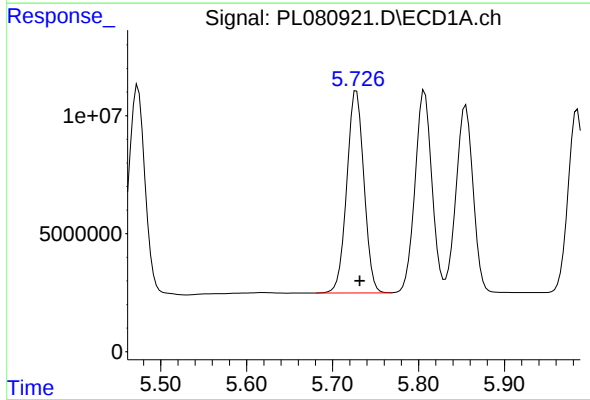
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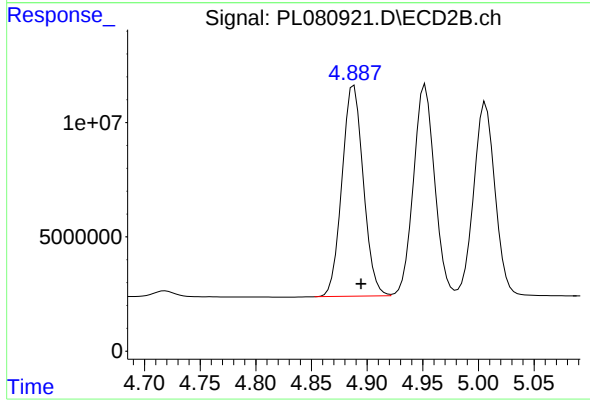
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 111448003
Conc: 42.84 ng/ml



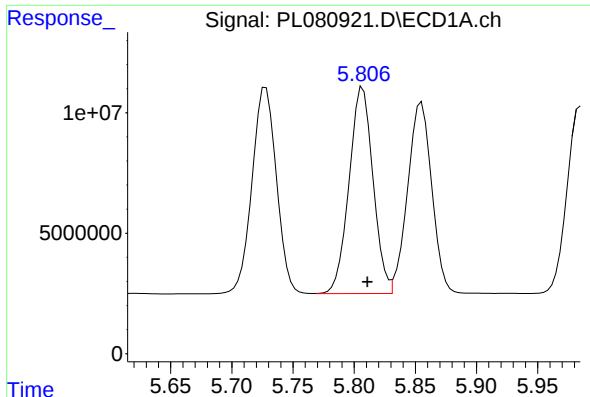
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 118898497
Conc: 47.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 122914844
Conc: 43.37 ng/ml m



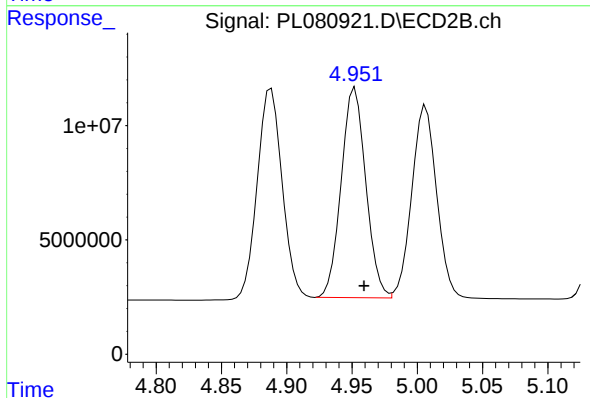
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 116817092
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

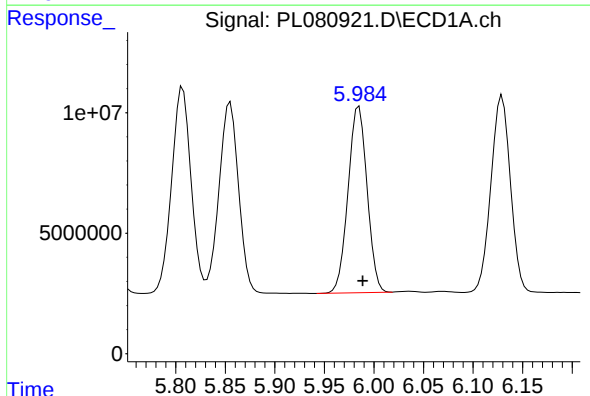
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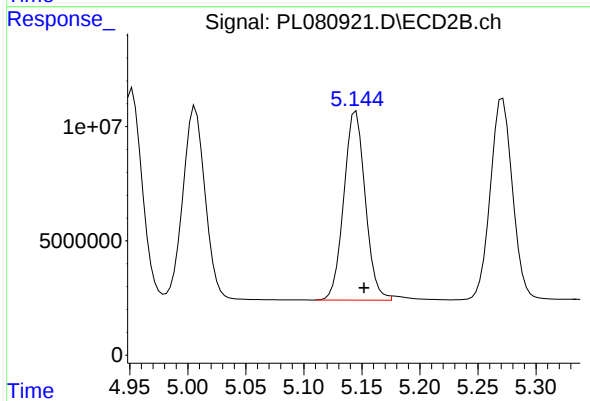
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 120564608
Conc: 42.09 ng/ml



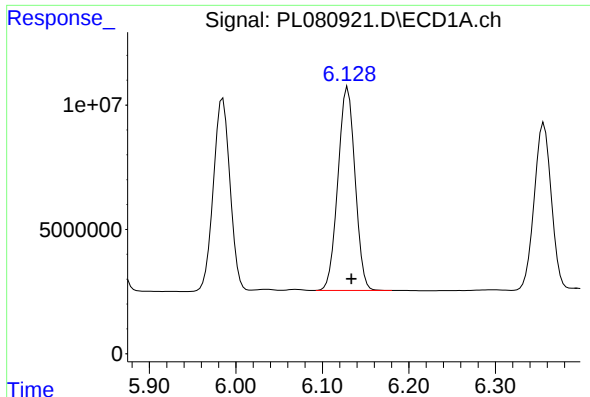
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 103320435
Conc: 46.39 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 106314427
Conc: 45.07 ng/ml m



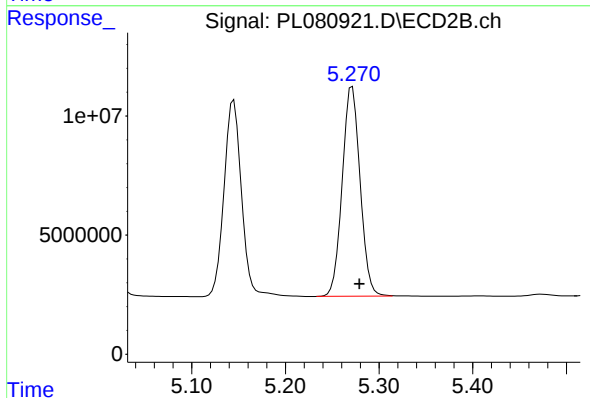
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 111895174
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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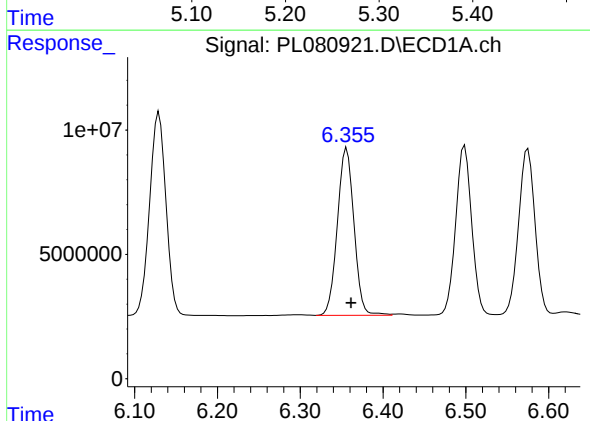
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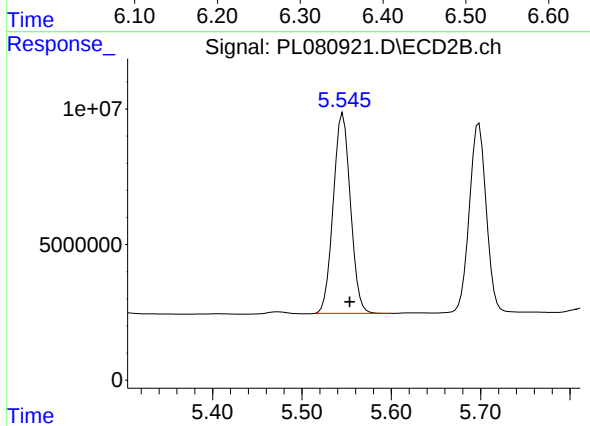
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 116781330
Conc: 43.17 ng/ml m



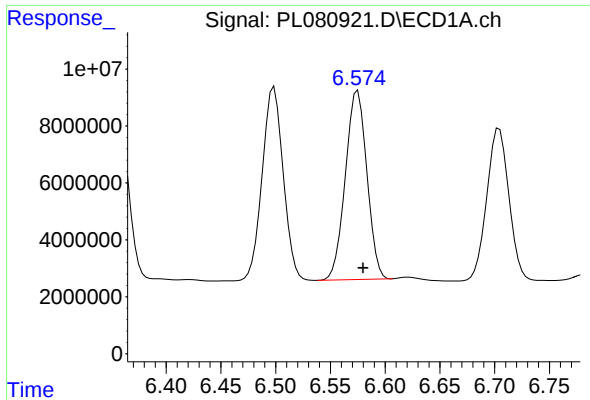
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 93763909
Conc: 43.36 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 98523840
Conc: 42.45 ng/ml



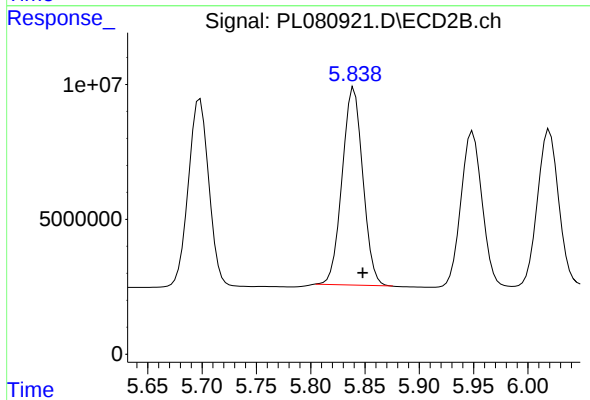
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 90925284
Conc: 39.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
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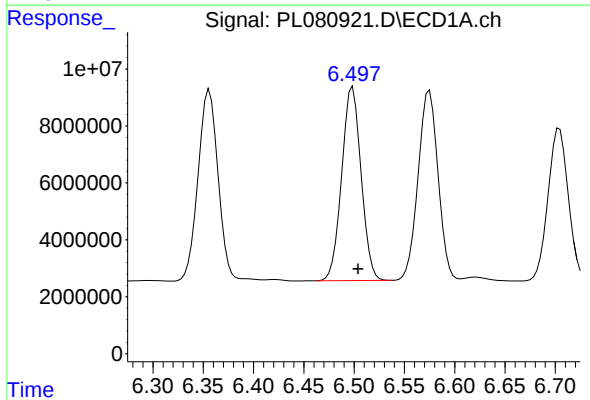
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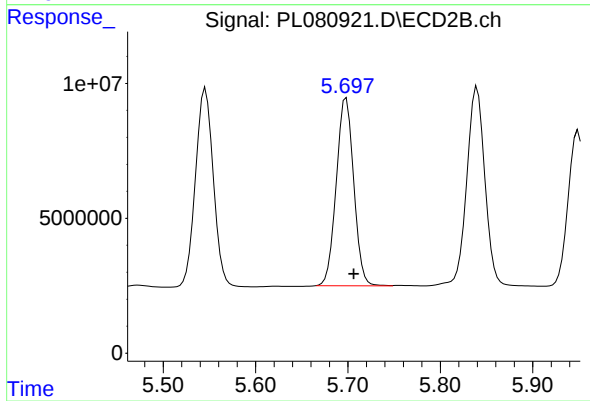
#15 Endosulfan II

R.T.: 5.838 min
Delta R.T.: -0.009 min
Response: 97024525
Conc: 46.56 ng/ml m



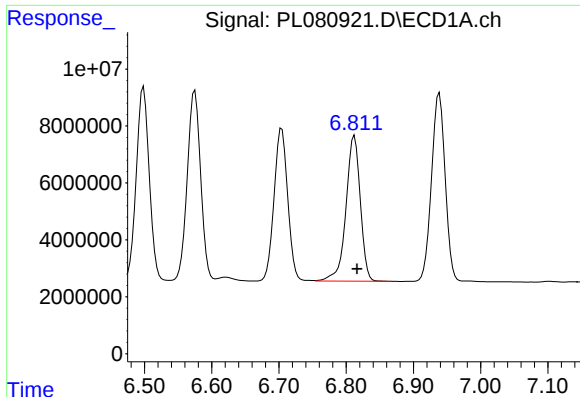
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 91056934
Conc: 49.70 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 91472194
Conc: 48.68 ng/ml



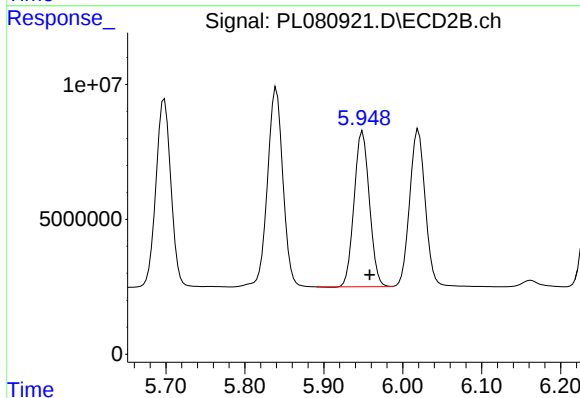
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 75792219
Conc: 36.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

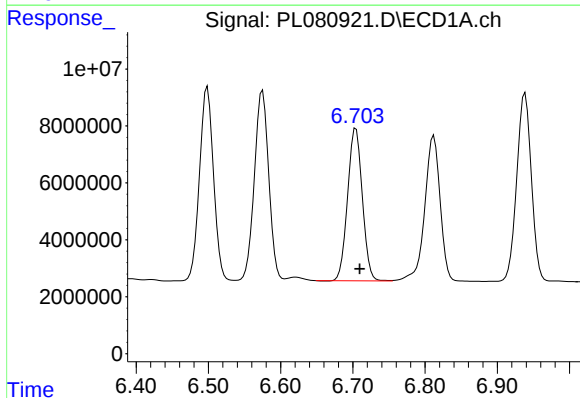
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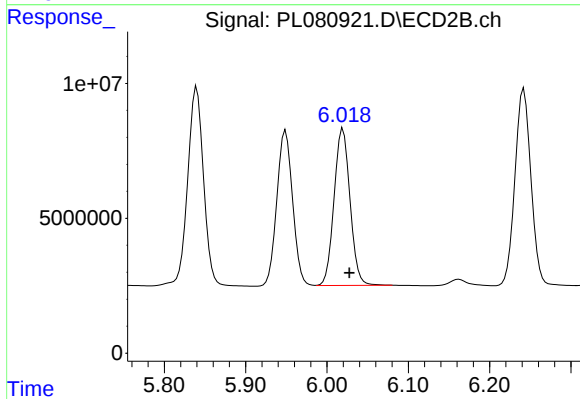
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 77560896
Conc: 36.91 ng/ml



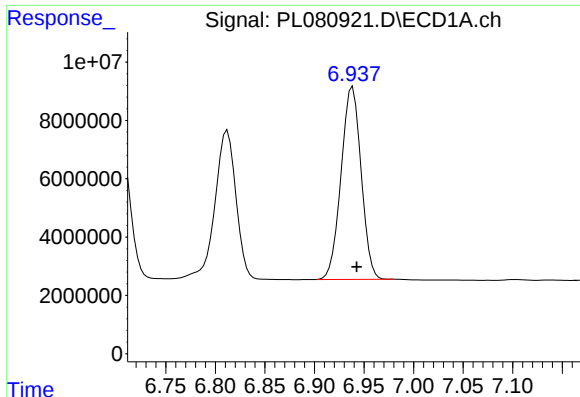
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 75643393
Conc: 45.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.008 min
Response: 79323320
Conc: 43.44 ng/ml



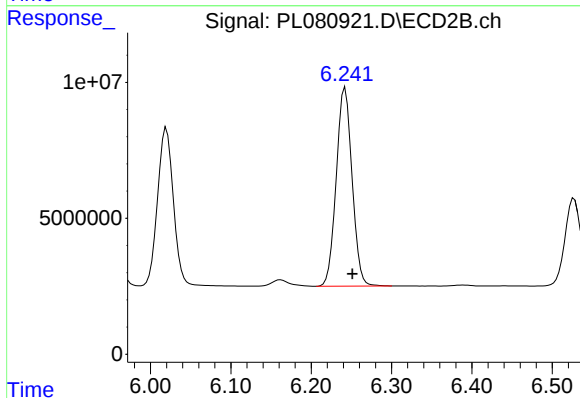
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 92864643
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

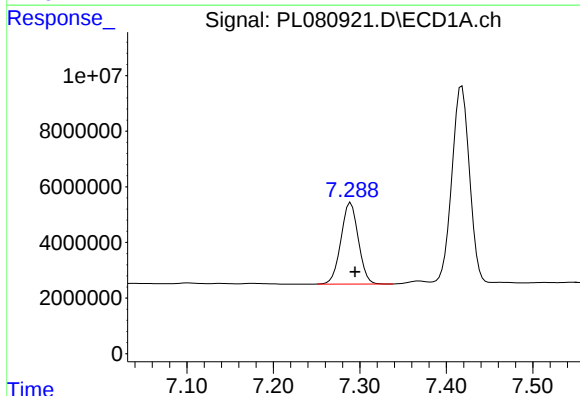
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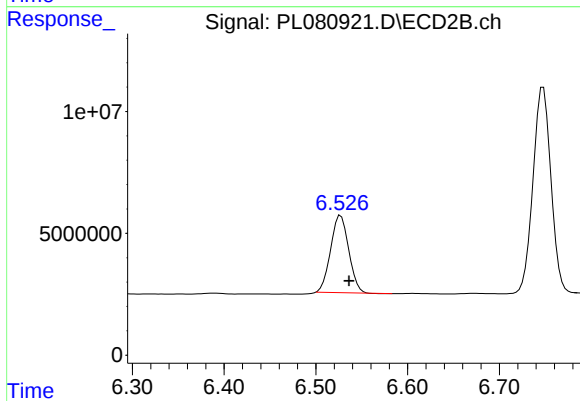
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 100029014
Conc: 43.01 ng/ml



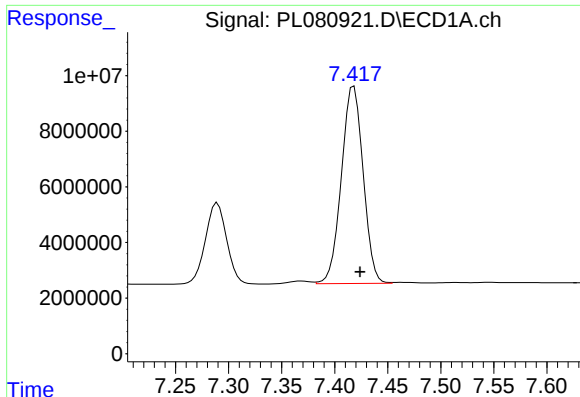
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 40626227
Conc: 36.82 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.009 min
Response: 43462135
Conc: 35.82 ng/ml



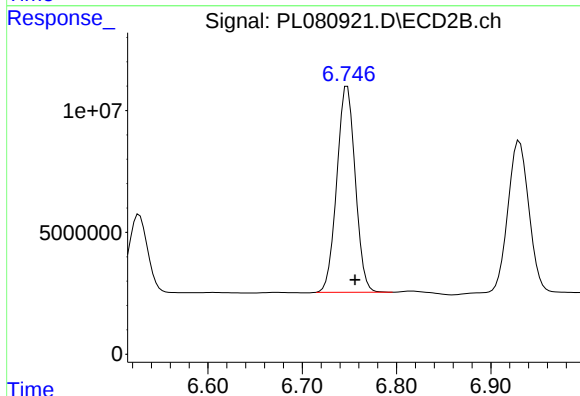
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 100941576
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

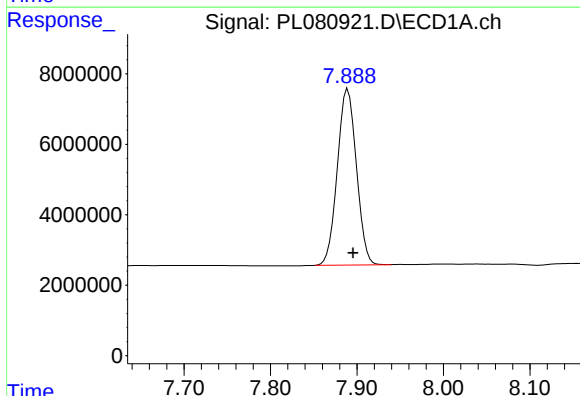
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2023
Supervised By :Ankita Jodhani 02/15/2023



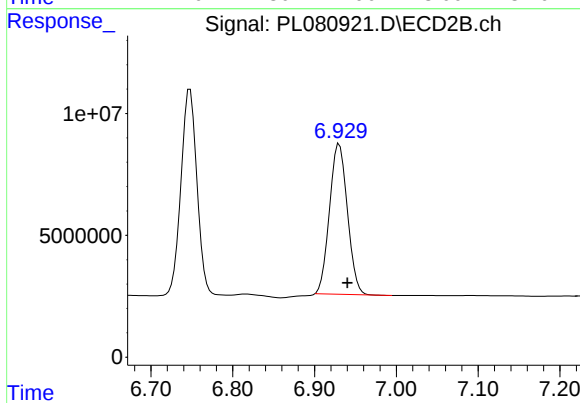
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 114965599
Conc: 45.03 ng/ml



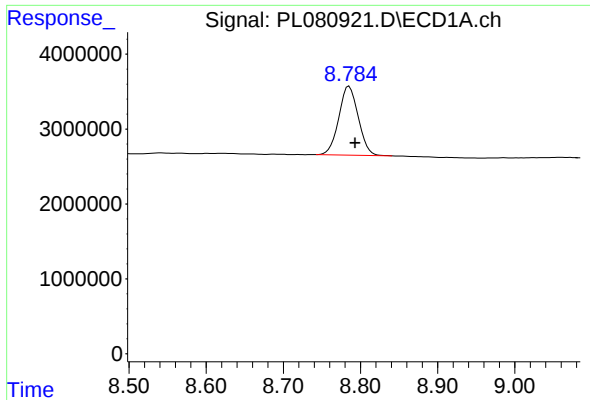
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 76376099
Conc: 44.41 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.010 min
Response: 93874719
Conc: 41.23 ng/ml



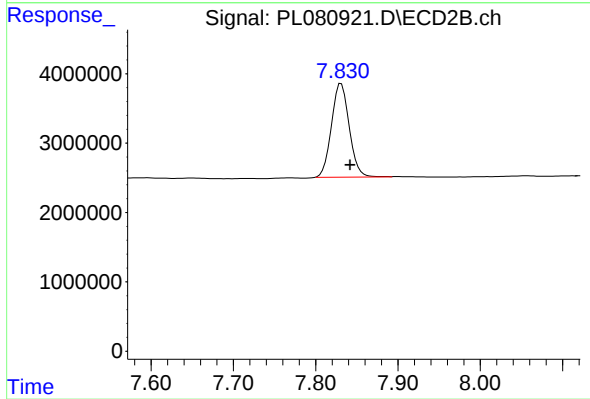
#28 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.008 min
Response: 16107993
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.011 min
Response: 20284952
Conc: 8.51 ng/ml