

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 17:18
 Operator : AR\AJ
 Sample : 01542-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOILMS

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 20:39:54 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	24621826	24646159	11.480m	11.221
28)	SA Decachlor...	8.786	7.832	16461671	20788642	9.403	8.725
Target Compounds							
2)	A alpha-BHC	3.798	3.188	150.1E6	145.1E6	47.384	45.637
3)	MA gamma-BHC...	4.127	3.516	140.7E6	135.6E6	47.847	45.378
4)	MA Heptachlor	4.711	3.856	137.0E6	139.3E6	46.356	43.759
5)	MB Aldrin	5.049	4.135	130.0E6	140.3E6	47.527	47.582
6)	B beta-BHC	4.323	3.812	62232023	59769370	45.590	44.784
7)	B delta-BHC	4.566	4.041	127.0E6	118.1E6	43.866	40.942
8)	B Heptachlo...	5.473	4.637	123.1E6	125.1E6	47.581	44.952
9)	A Endosulfan I	5.855	5.007	112.0E6	114.2E6	47.413	43.894
10)	B gamma-Chl...	5.728	4.887	121.7E6	126.1E6	48.192	44.492m
11)	B alpha-Chl...	5.808	4.952	119.6E6	123.5E6	47.381	43.118
12)	B 4,4'-DDE	5.985	5.145	105.8E6	102.5E6	47.488	43.473
13)	MA Dieldrin	6.129	5.270	114.8E6	120.3E6	47.946	44.460m
14)	MA Endrin	6.356	5.546	97860844	101.9E6	45.249	43.900
15)	B Endosulfa...	6.575	5.838	92473405	99099575	40.340	47.559m
16)	A 4,4'-DDD	6.499	5.698	91896775	92542935	50.162	49.246
17)	MA 4,4'-DDT	6.813	5.950	79967850	82021420	38.489	39.030
18)	B Endrin al...	6.705	6.020	76847537	80785298	46.199	44.239
19)	B Endosulfa...	6.939	6.242	94936960	102.6E6	45.865	44.109
20)	A Methoxychlor	7.291	6.527	43016732	46217018	38.990	38.087
21)	B Endrin ke...	7.418	6.747	102.7E6	115.8E6	46.526	45.347
22)	Mirex	7.890	6.931	77962039	96564186	45.332	42.414

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
Data File : PL080920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 17:18
Operator : AR\AJ
Sample : 01542-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOILMS

Manual Integrations

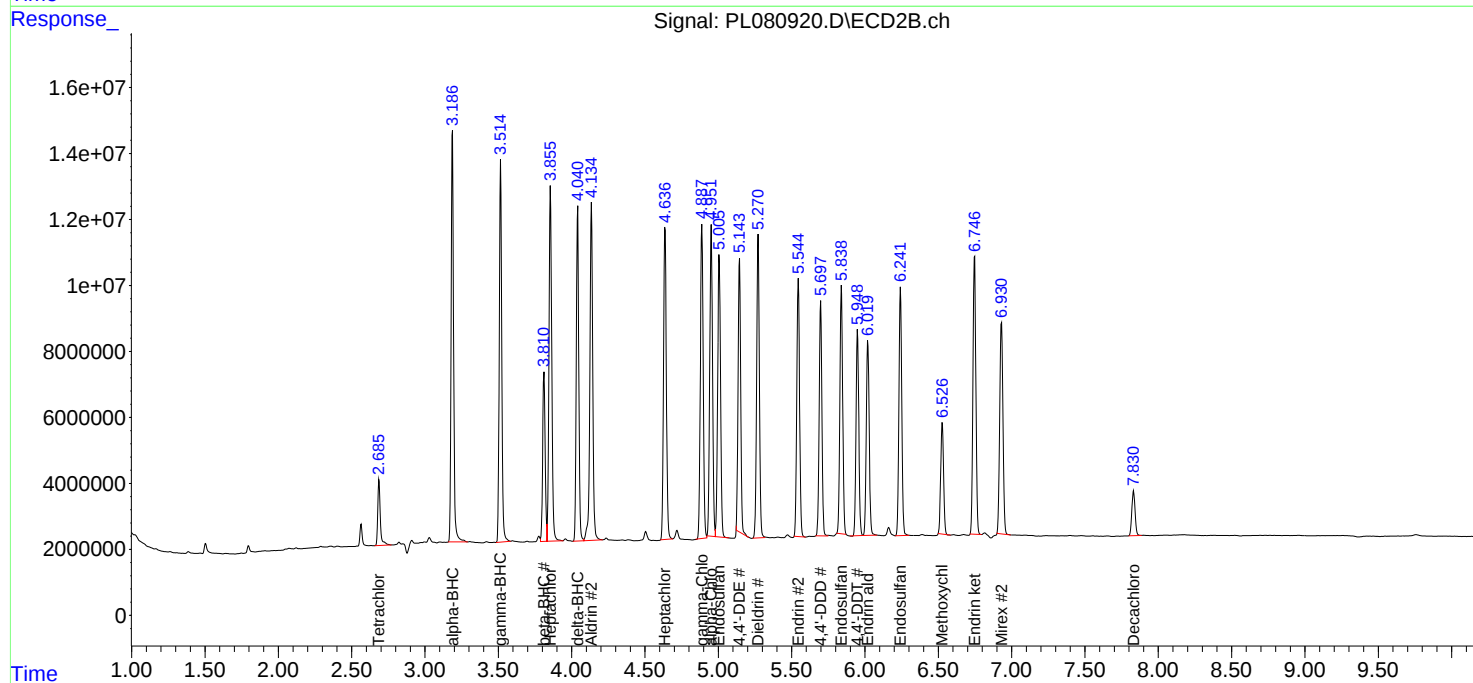
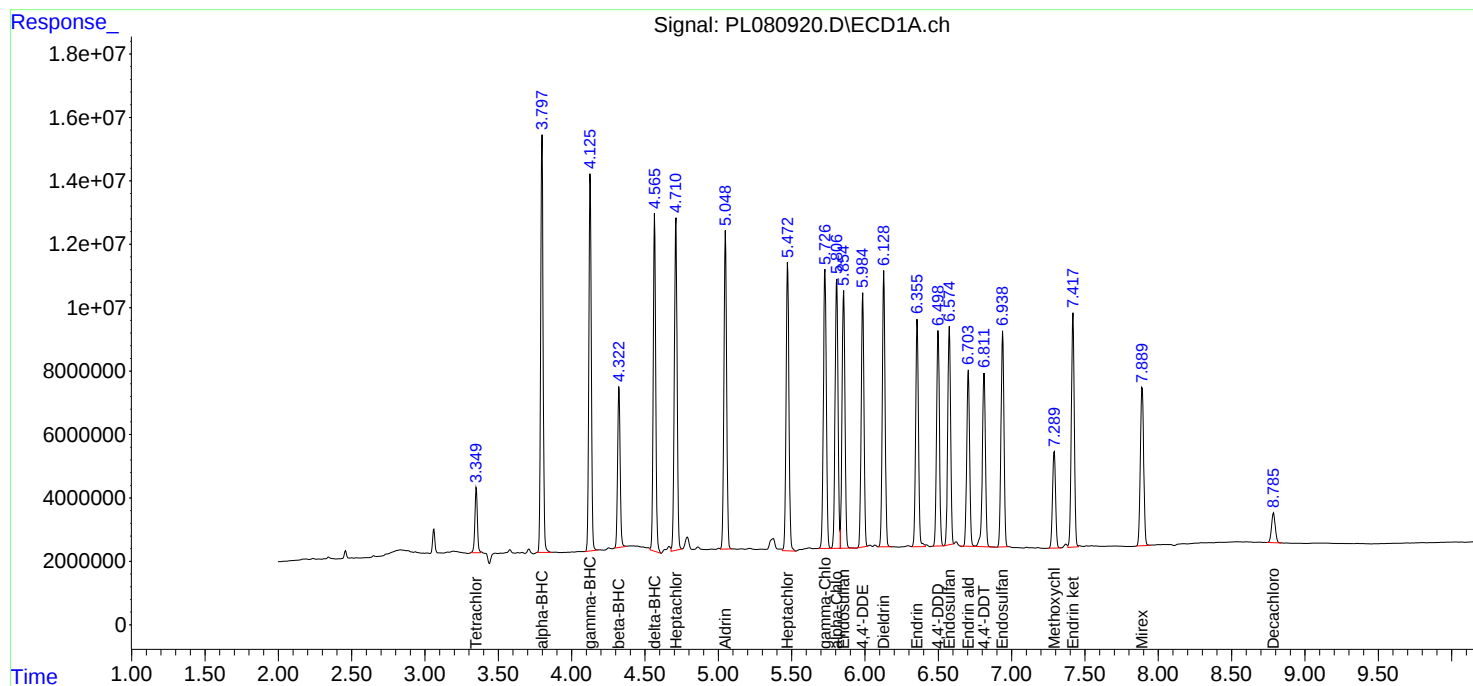
APPROVED

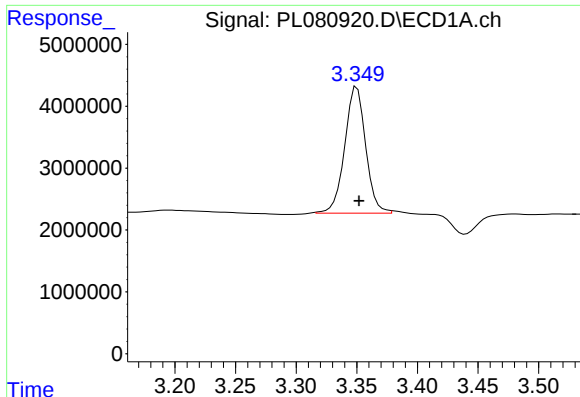
Reviewed By :Abdul Mirza 02/15/2023

Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:39:54 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





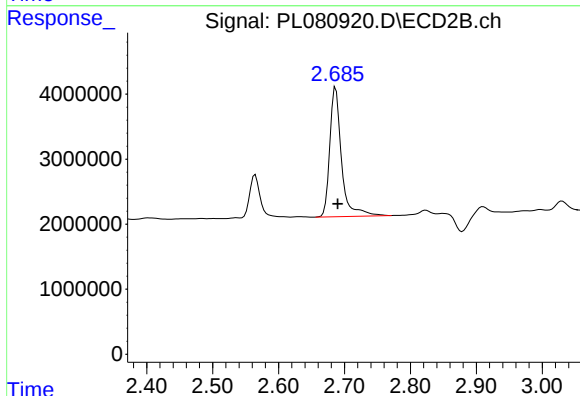
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 24621826
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

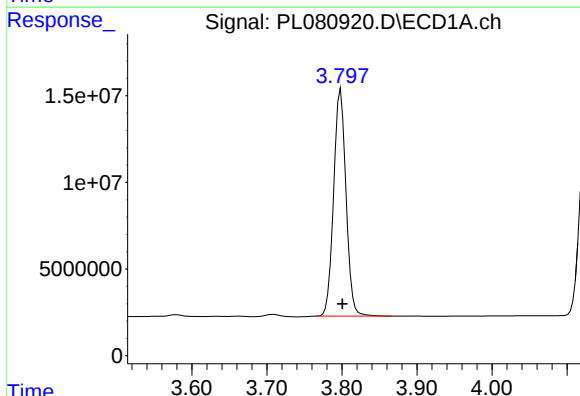
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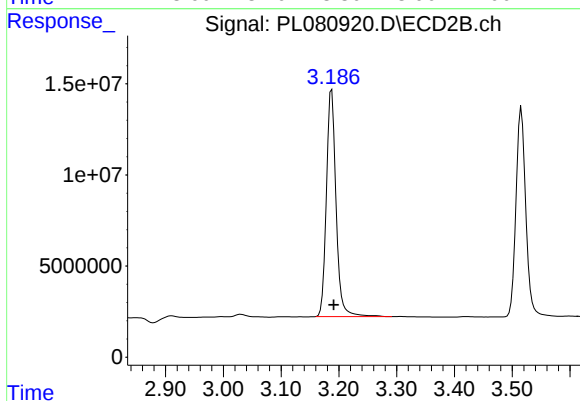
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 24646159
Conc: 11.22 ng/ml



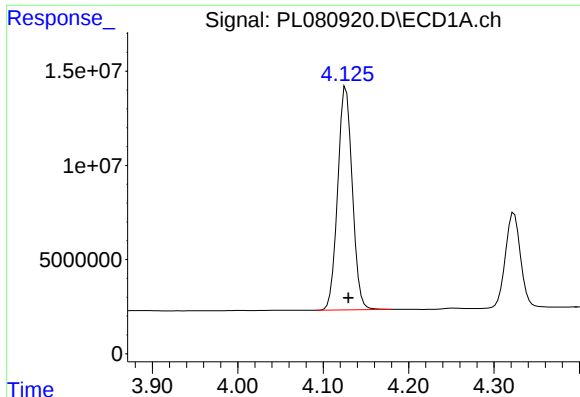
#2 alpha-BHC

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 150114441
Conc: 47.38 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 145145248
Conc: 45.64 ng/ml



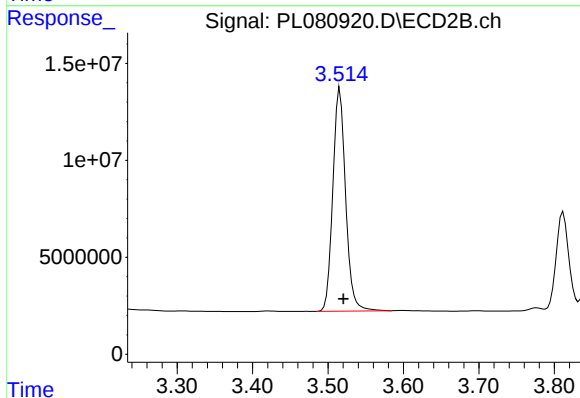
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.003 min
Response: 140658215
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

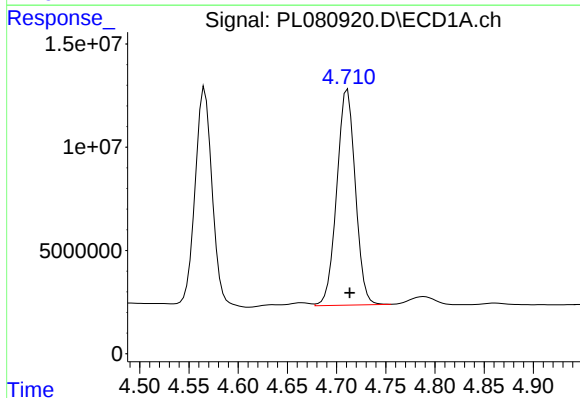
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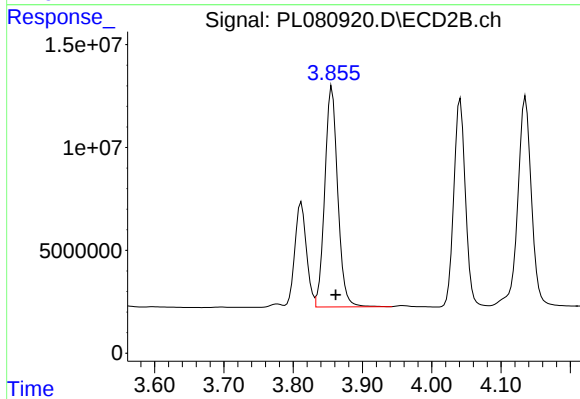
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.005 min
Response: 135556514
Conc: 45.38 ng/ml



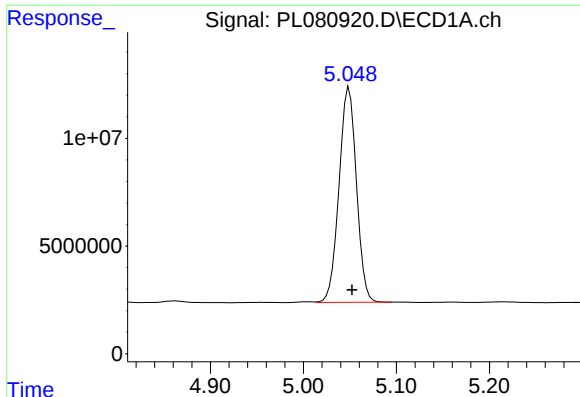
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 136993458
Conc: 46.36 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 139257527
Conc: 43.76 ng/ml



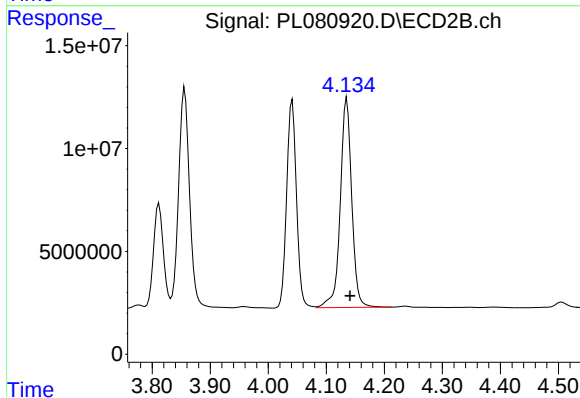
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 130022401
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

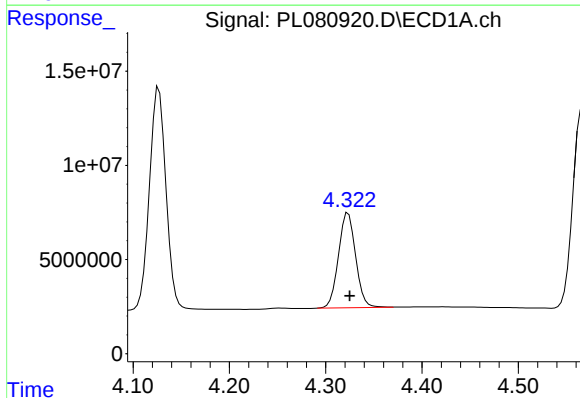
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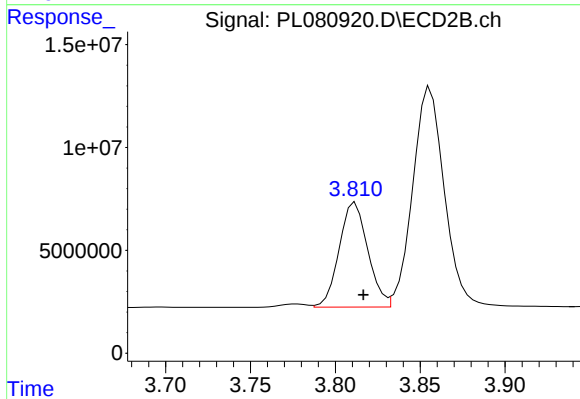
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 140347259
Conc: 47.58 ng/ml



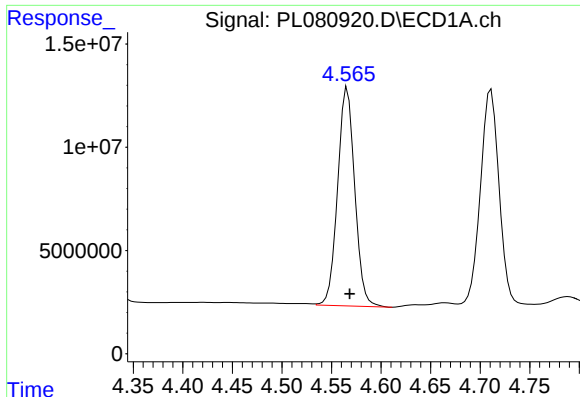
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 62232023
Conc: 45.59 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 59769370
Conc: 44.78 ng/ml



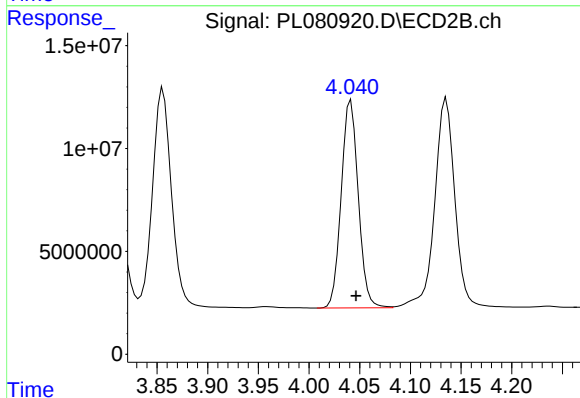
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 126993041
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

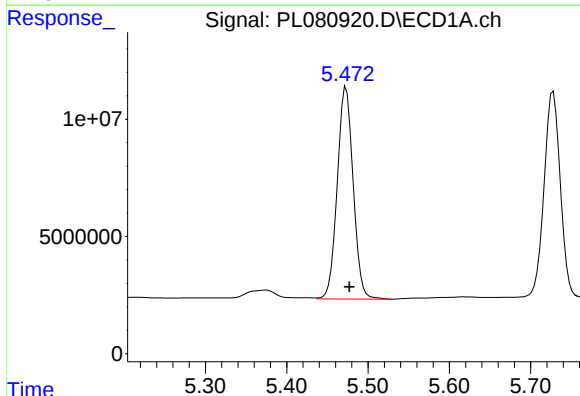
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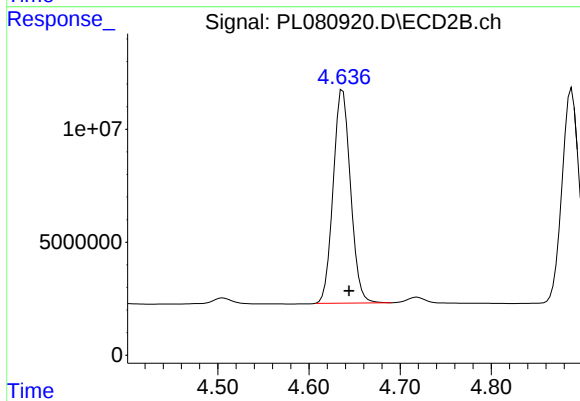
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 118095884
Conc: 40.94 ng/ml



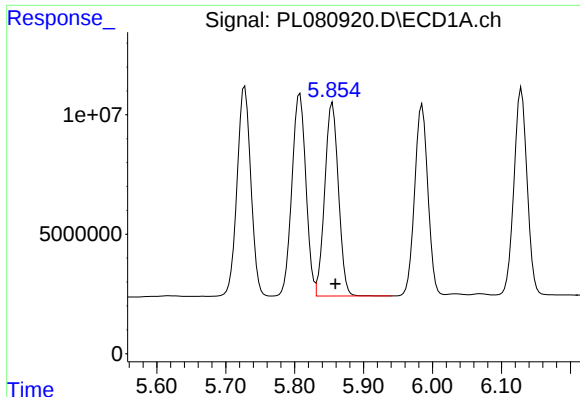
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 123095915
Conc: 47.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.007 min
Response: 125071075
Conc: 44.95 ng/ml



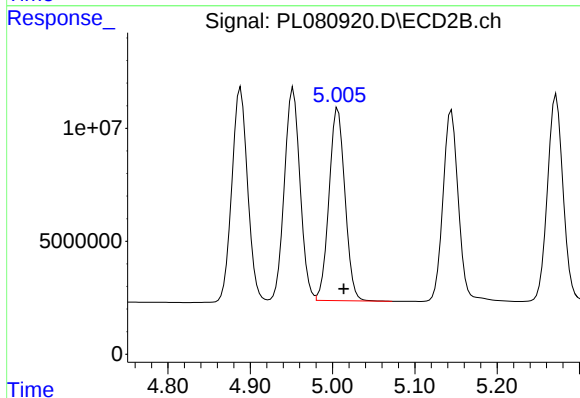
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 111963649
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

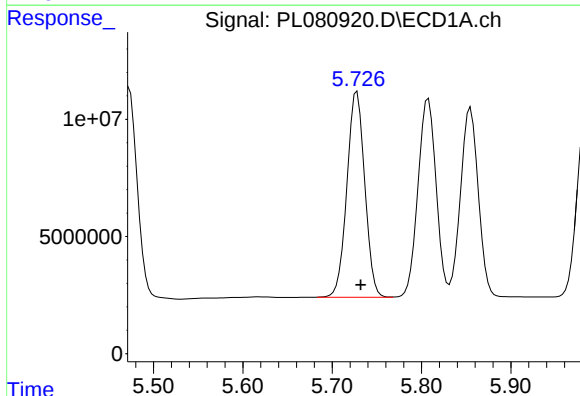
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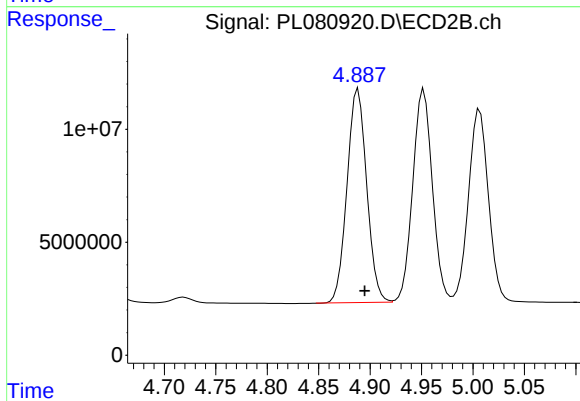
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 114182937
Conc: 43.89 ng/ml



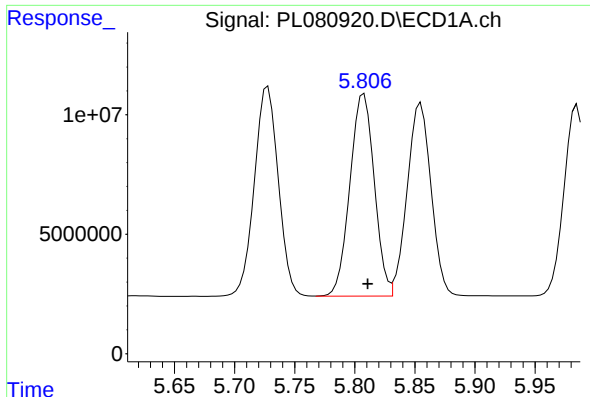
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 121719364
Conc: 48.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 126101010
Conc: 44.49 ng/ml m



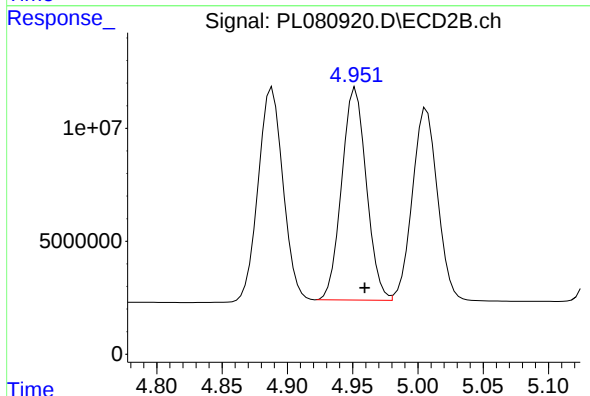
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 119601780
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

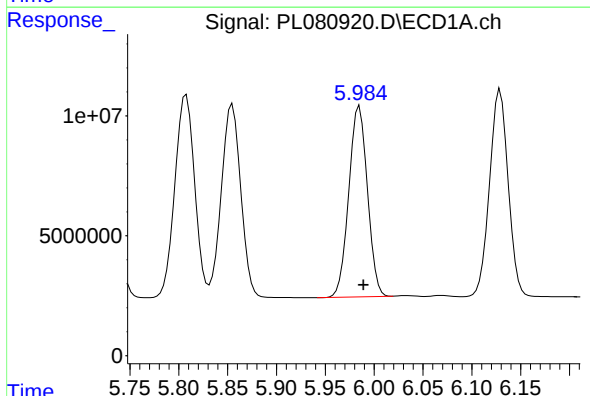
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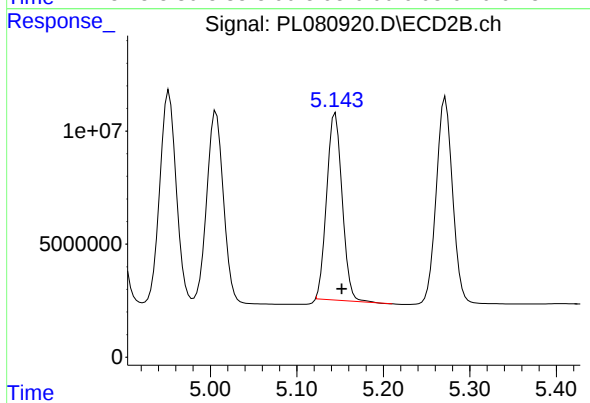
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 123520605
Conc: 43.12 ng/ml



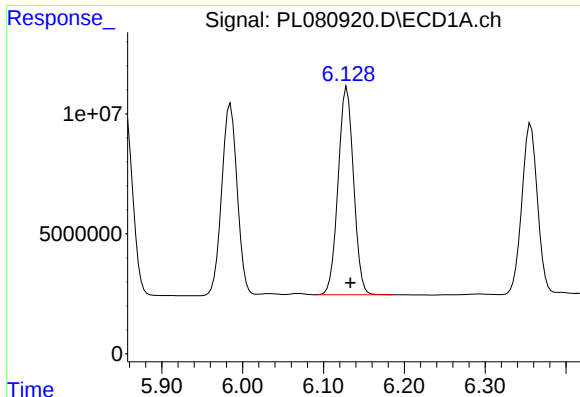
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 105772248
Conc: 47.49 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 102546469
Conc: 43.47 ng/ml



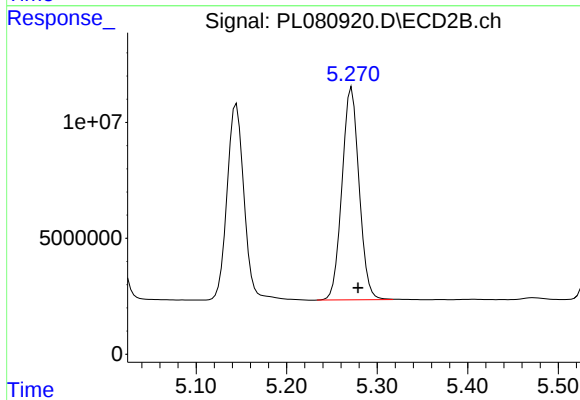
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 114752953
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

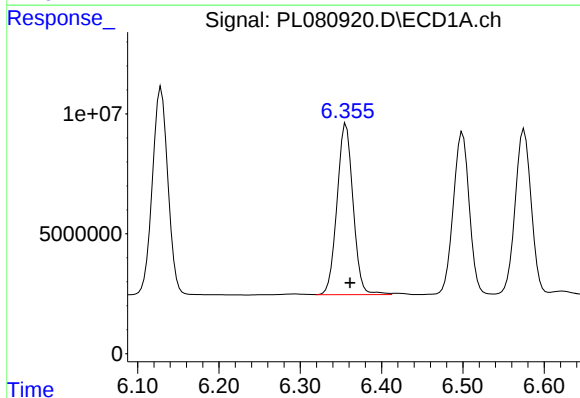
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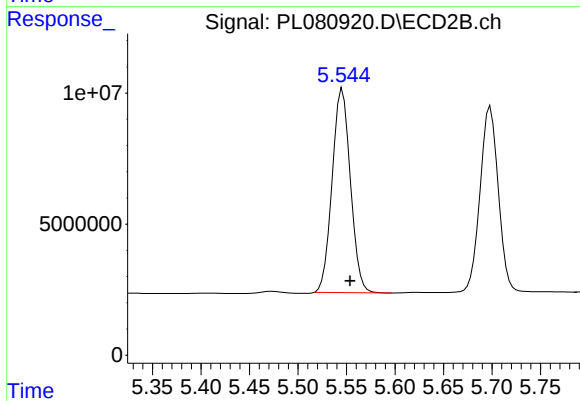
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 120261493
Conc: 44.46 ng/ml m



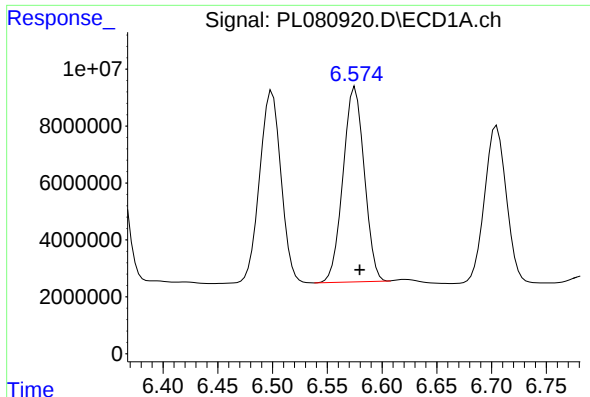
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 97860844
Conc: 45.25 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 101898321
Conc: 43.90 ng/ml



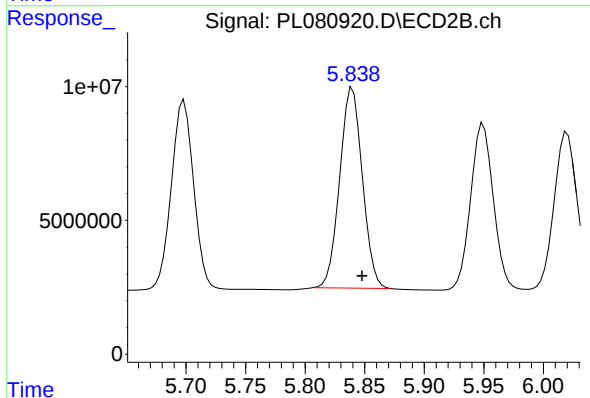
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 92473405
Conc: 40.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

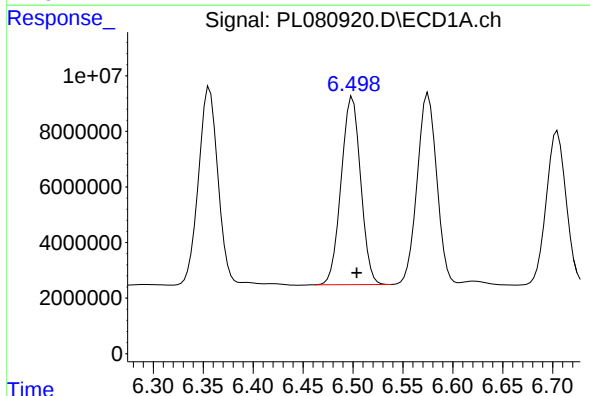
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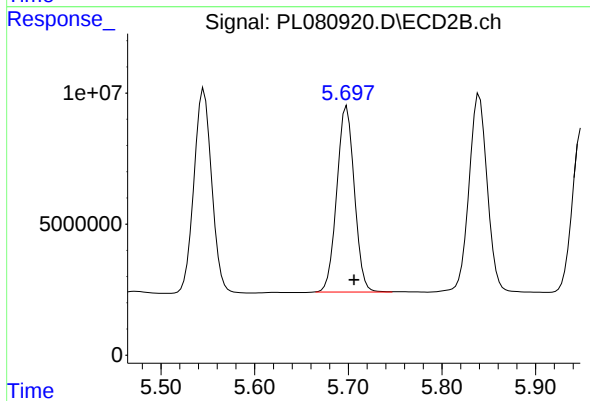
#15 Endosulfan II

R.T.: 5.838 min
Delta R.T.: -0.009 min
Response: 99099575
Conc: 47.56 ng/ml m



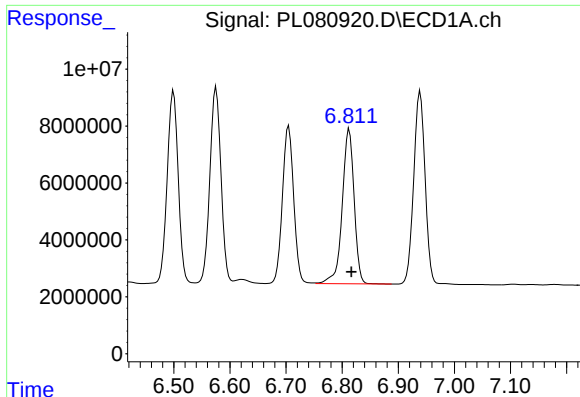
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 91896775
Conc: 50.16 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 92542935
Conc: 49.25 ng/ml



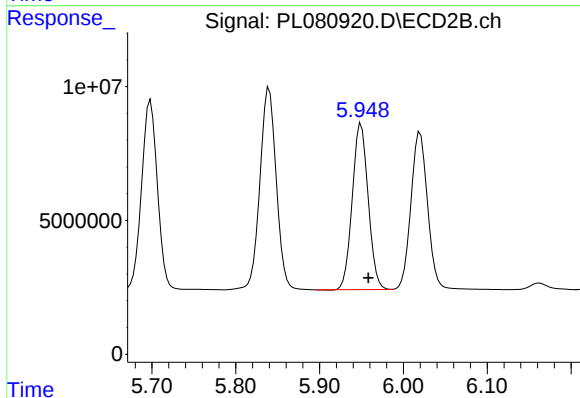
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 79967850
Conc: 38.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

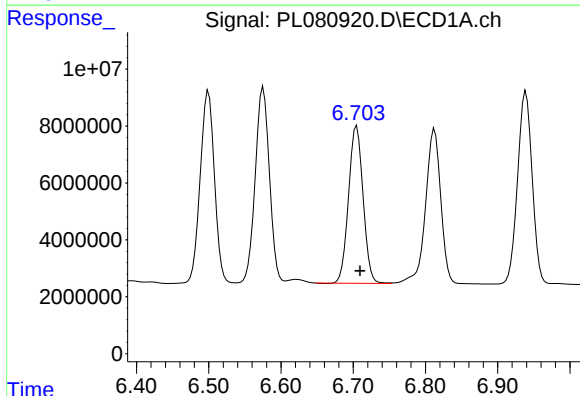
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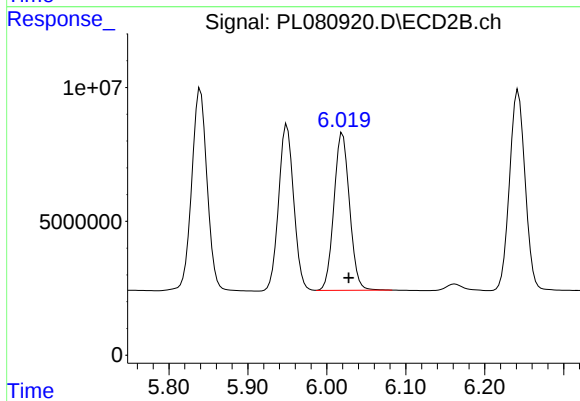
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.009 min
Response: 82021420
Conc: 39.03 ng/ml



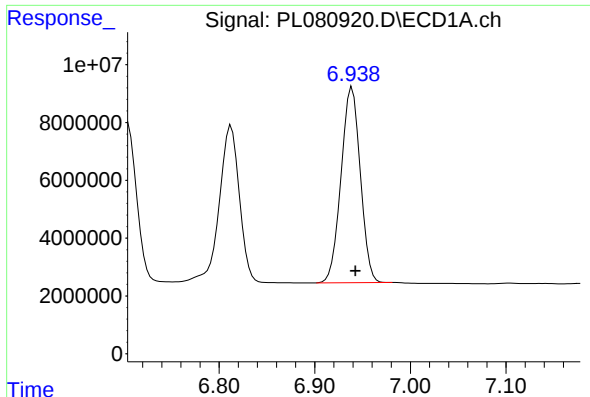
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 76847537
Conc: 46.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.008 min
Response: 80785298
Conc: 44.24 ng/ml



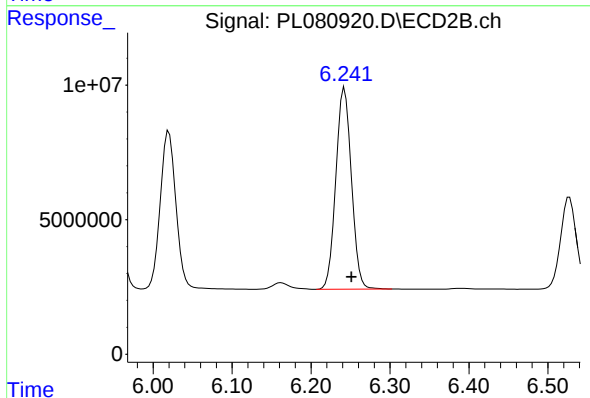
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 94936960
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

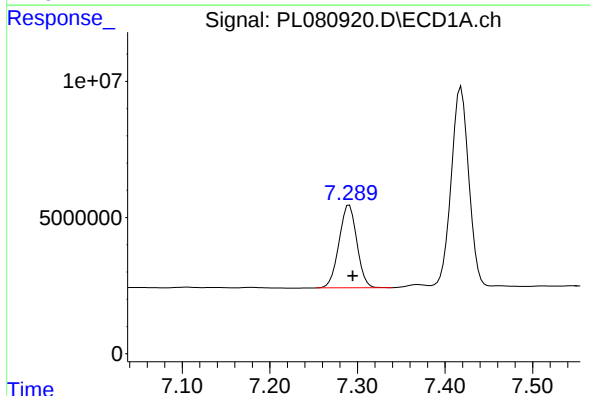
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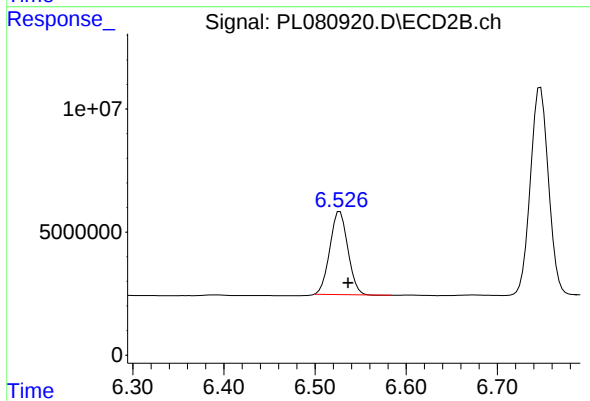
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 102583136
Conc: 44.11 ng/ml



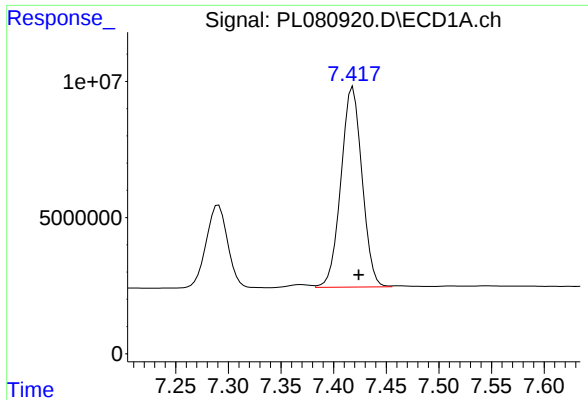
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 43016732
Conc: 38.99 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.009 min
Response: 46217018
Conc: 38.09 ng/ml



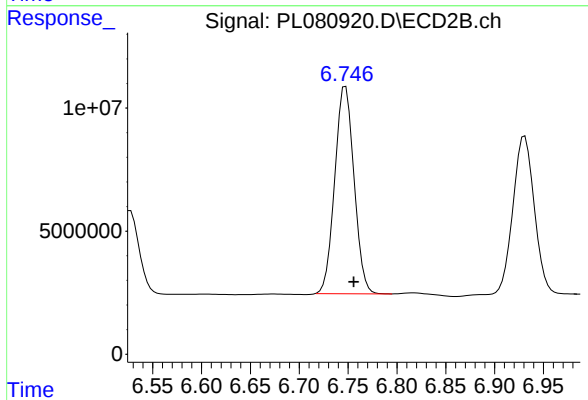
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.005 min
Response: 102652897
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

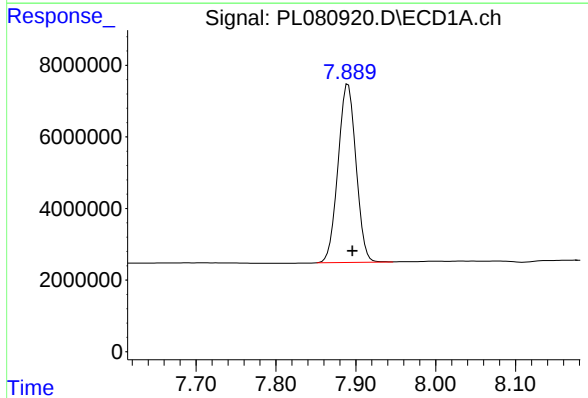
Manual Integrations
APPROVED

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



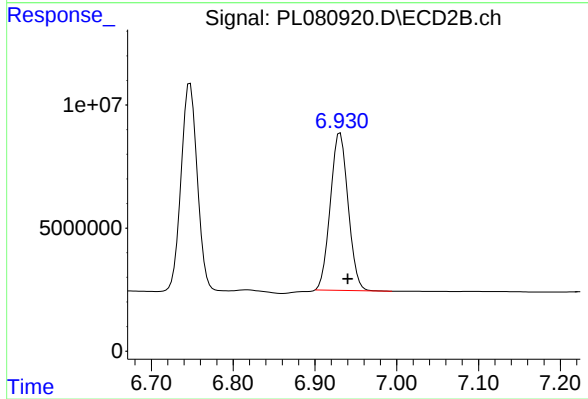
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 115780215
Conc: 45.35 ng/ml



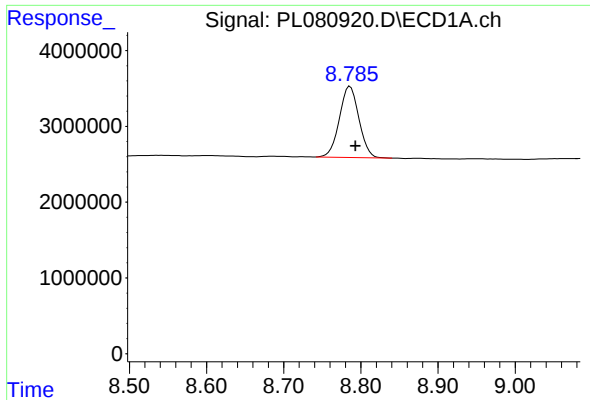
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 77962039
Conc: 45.33 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.009 min
Response: 96564186
Conc: 42.41 ng/ml



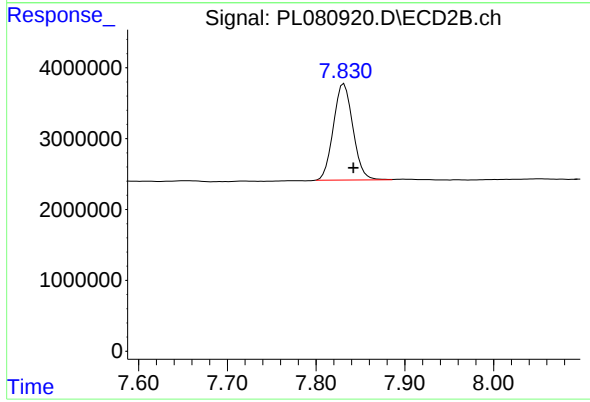
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 16461671
Conc: 9.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 20788642
Conc: 8.73 ng/ml