

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 16:23
 Operator : AR\AJ
 Sample : 01404-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NPHACK-SOIL-0201MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:22:18 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...	3.350	2.689	26033943	28414581	12.138m	12.937
28)	SA Decachlor...	8.789	7.834	20074112	21643166	11.466	9.084
Target Compounds							
2)	A alpha-BHC	3.799	3.190	135.0E6	133.8E6	42.611	42.072
3)	MA gamma-BHC...	4.128	3.518	123.7E6	125.3E6	42.081	41.949
4)	MA Heptachlor	4.712	3.858	123.8E6	129.2E6	41.886	40.611
5)	MB Aldrin	5.050	4.138	119.8E6	123.8E6	43.777	41.962
6)	B beta-BHC	4.324	3.814	53085952	55075081	38.890	41.266
7)	B delta-BHC	4.567	4.043	127.6E6	123.2E6	44.070	42.704
8)	B Heptachlo...	5.474	4.640	104.3E6	110.3E6	40.319	39.649
9)	A Endosulfan I	5.856	5.010	95311351	89812418	40.361	34.526
10)	B gamma-Chl...	5.730	4.890	114.1E6	118.9E6	45.189	41.941m
11)	B alpha-Chl...	5.808	4.955	111.8E6	111.2E6	44.288	38.806
12)	B 4,4'-DDE	5.987	5.148	92425136	114.4E6	41.496	48.481
13)	MA Dieldrin	6.131	5.275	99008519	107.8E6	41.368	39.867
14)	MA Endrin	6.358	5.549	84852856	98381817	39.235	42.385
15)	B Endosulfa...	6.577	5.843	79054904	92094451	34.487	44.197 #
16)	A 4,4'-DDD	6.500	5.702	73410094	76192575	40.071	40.545
17)	MA 4,4'-DDT	6.813	5.951	87351020	94820343	42.043	45.121m
18)	B Endrin al...	6.706	6.023	67979412	72410692	40.868	39.653
19)	B Endosulfa...	6.940	6.247	79412348	84464766	38.365	36.318
20)	A Methoxychlor	7.291	6.531	39777717	48308478	36.054	39.810
21)	B Endrin ke...	7.420	6.751	77969481	89675579	35.339	35.122
22)	Mirex	7.892	6.934	68935249	78134699	40.084	34.319

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
Data File : PL080705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 16:23
Operator : AR\AJ
Sample : 01404-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

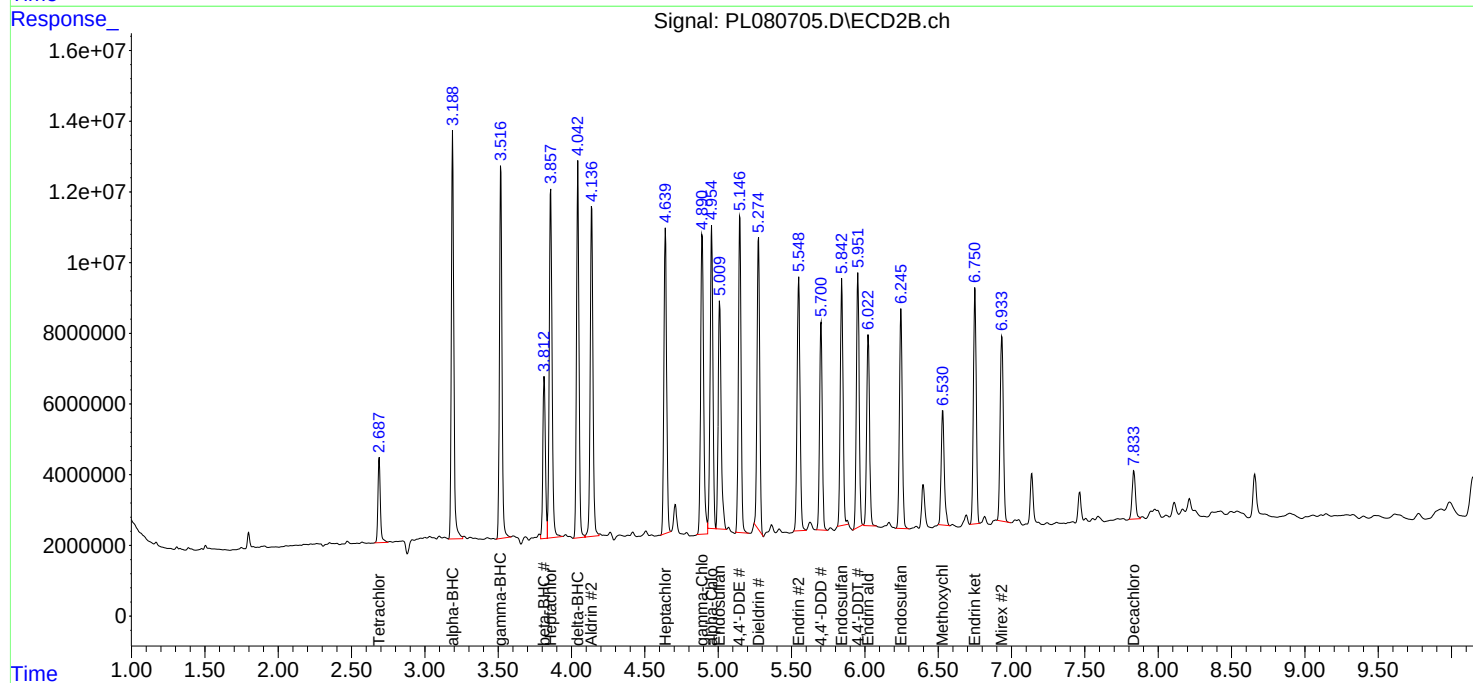
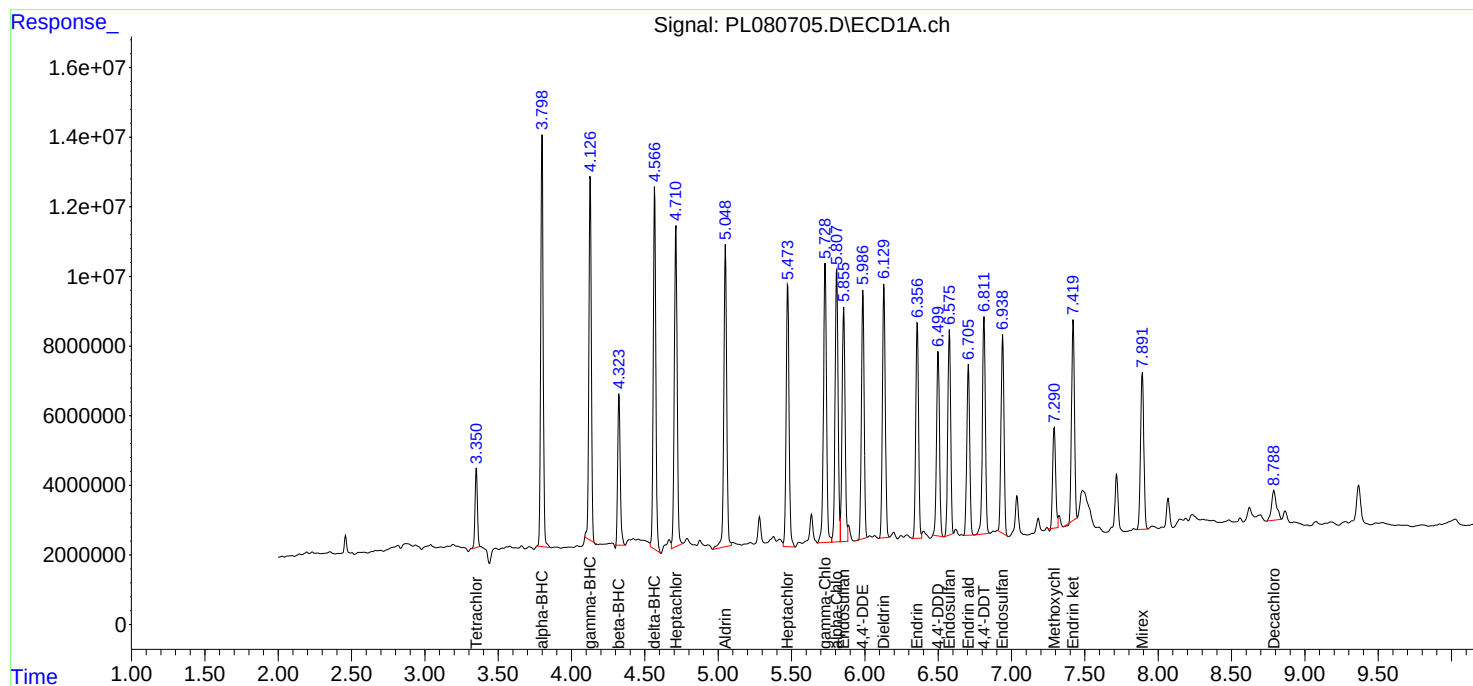
Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

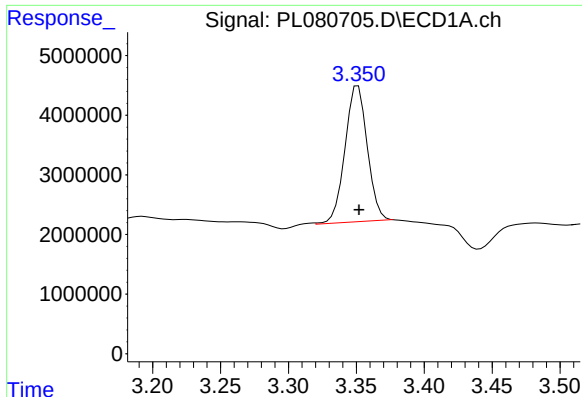
Manual Integrations
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Reviewed By : Abdul Mirza 02/03/2023
Supervised By : Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:22:18 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





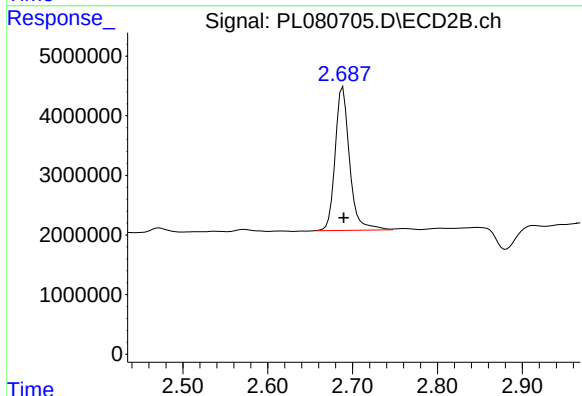
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 26033943
Conc: 12.14 ng/ml

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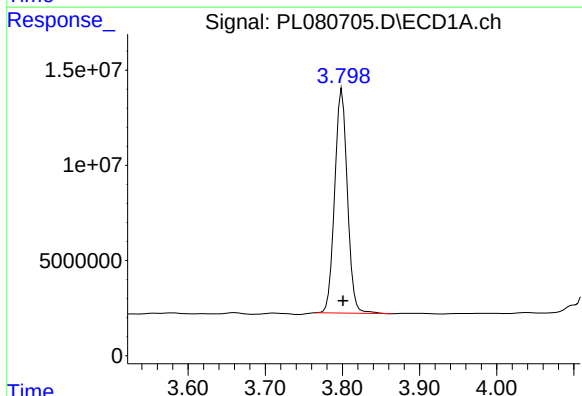
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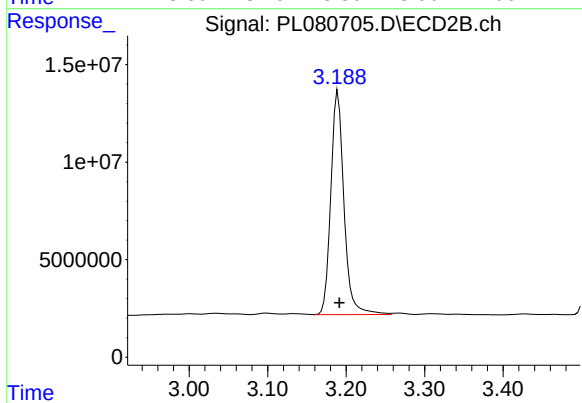
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 28414581
Conc: 12.94 ng/ml



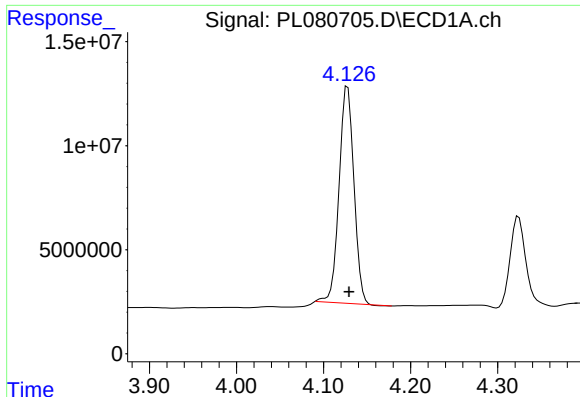
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 134993110
Conc: 42.61 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 133806734
Conc: 42.07 ng/ml



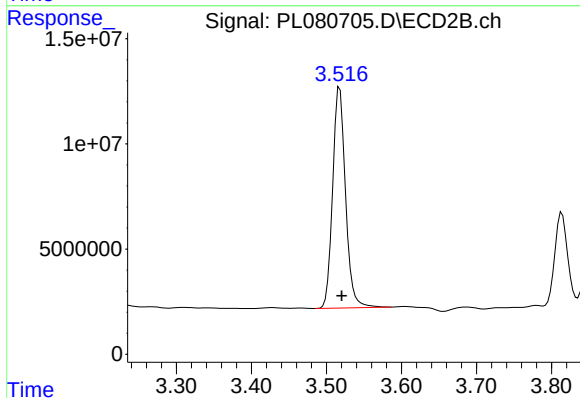
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 123708555
Conc: 42.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

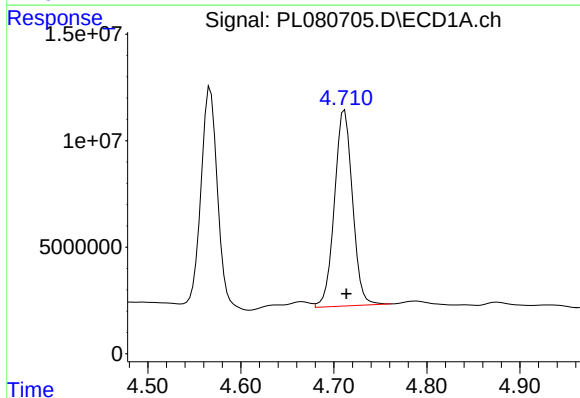
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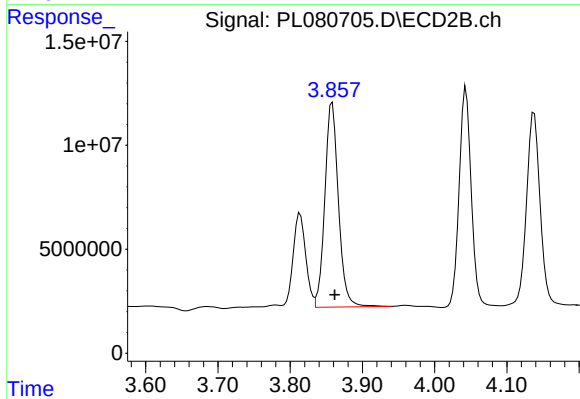
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 125314598
Conc: 41.95 ng/ml



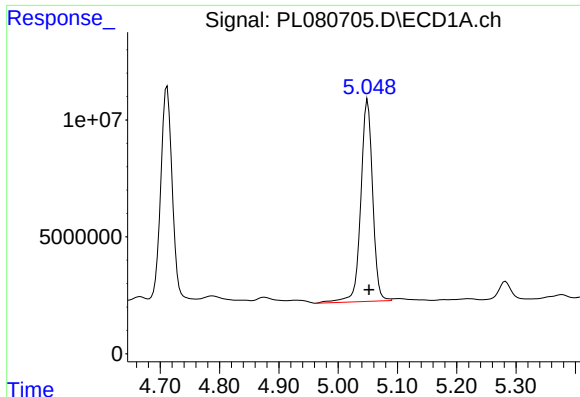
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 123781391
Conc: 41.89 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 129240202
Conc: 40.61 ng/ml



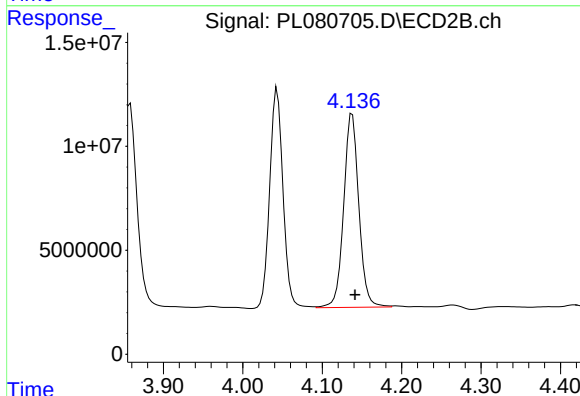
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 119764414
Conc: 43.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

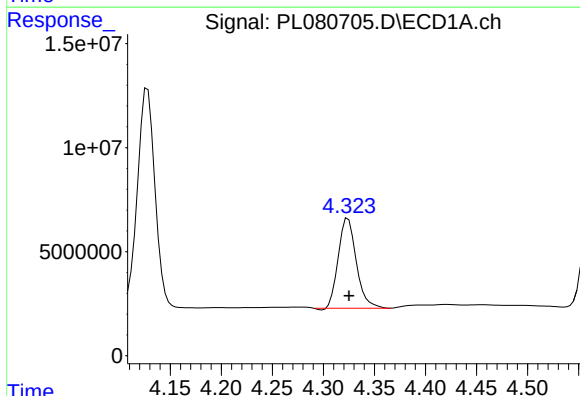
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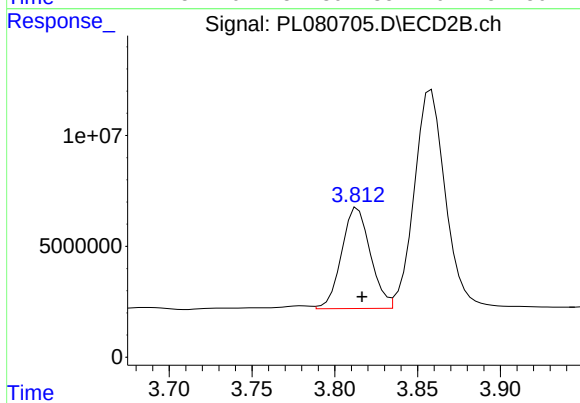
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 123770028
Conc: 41.96 ng/ml



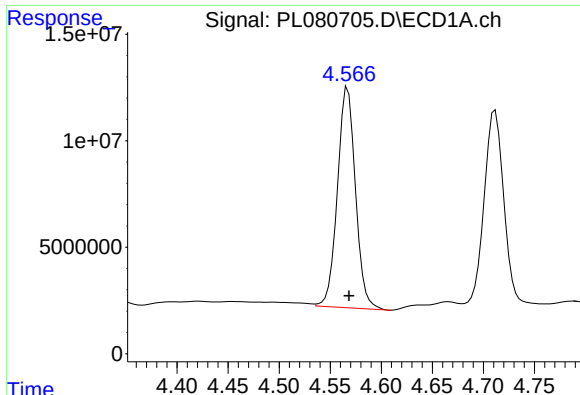
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 53085952
Conc: 38.89 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 55075081
Conc: 41.27 ng/ml



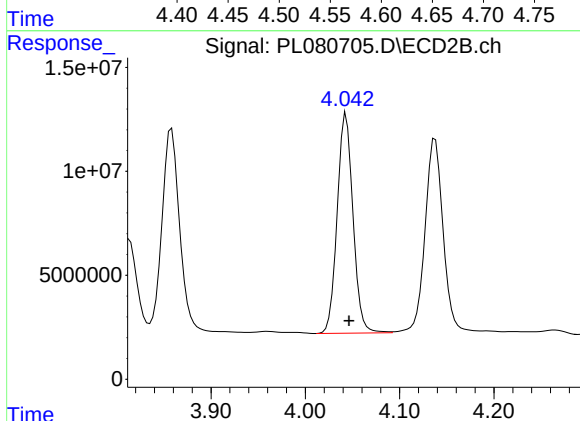
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 127581160
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

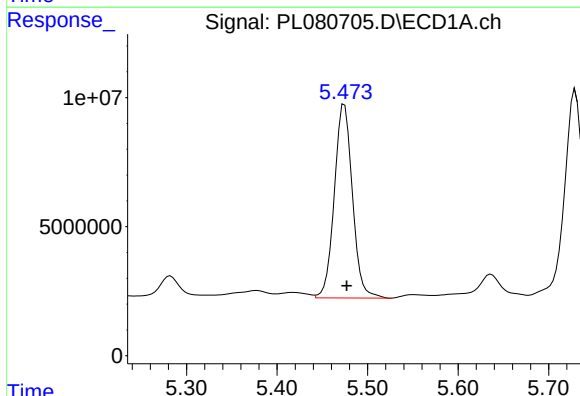
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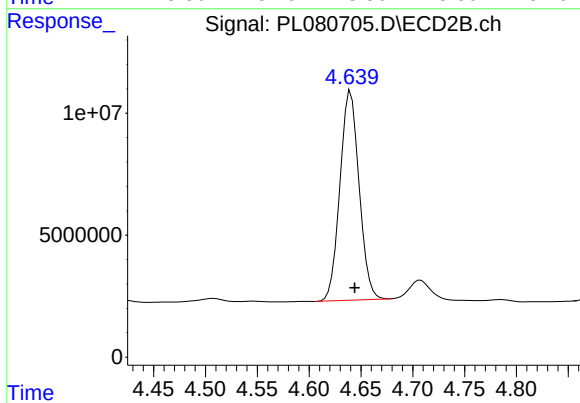
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 123177594
Conc: 42.70 ng/ml



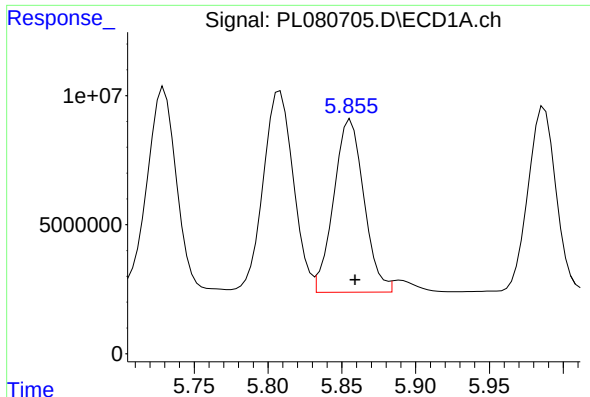
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 104308804
Conc: 40.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 110315926
Conc: 39.65 ng/ml



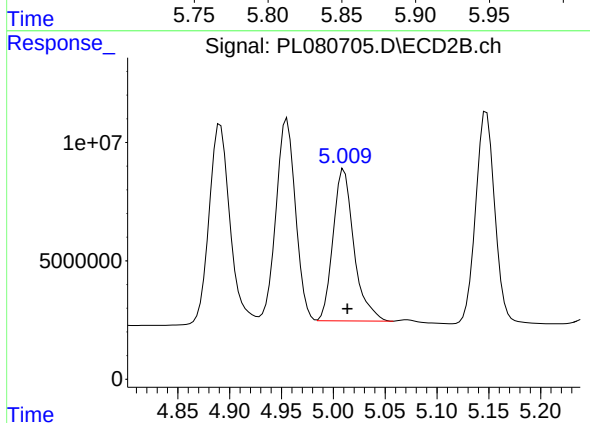
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 95311351
Conc: 40.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

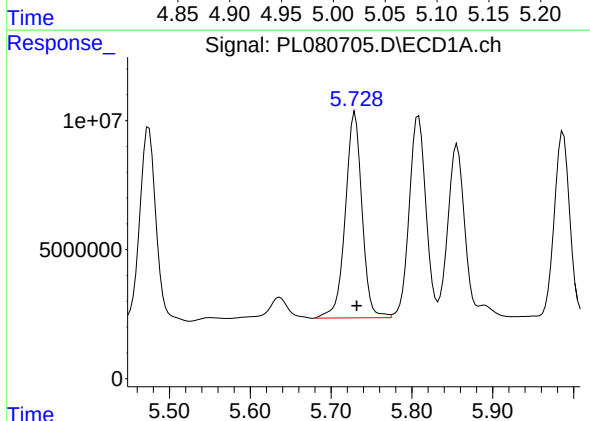
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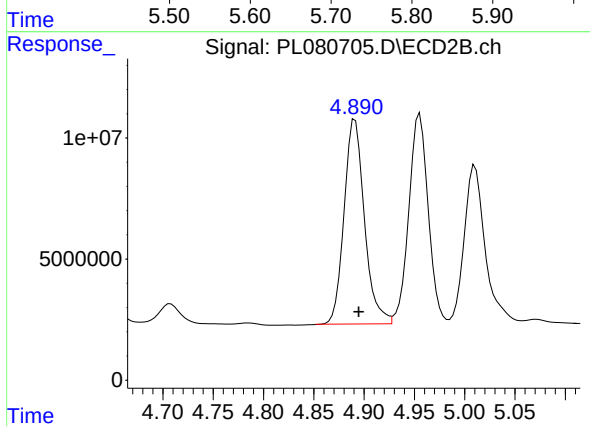
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 89812418
Conc: 34.53 ng/ml



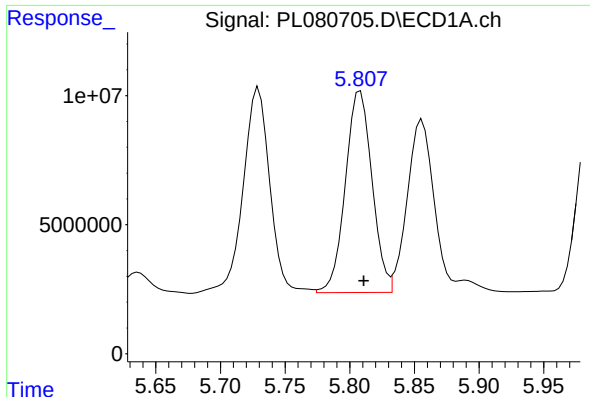
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 114135956
Conc: 45.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 118871725
Conc: 41.94 ng/ml m



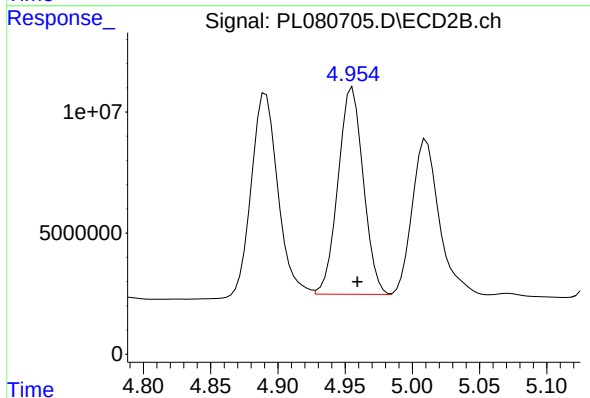
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 111793687
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

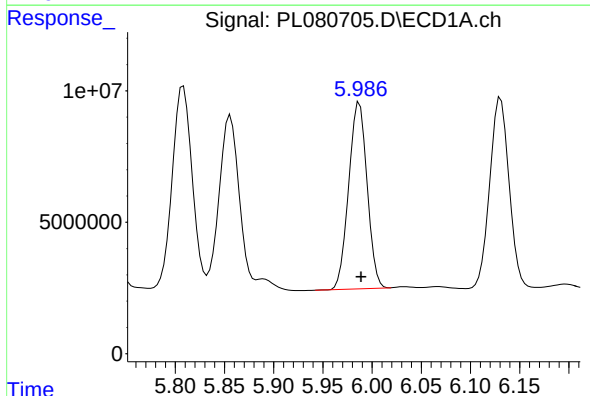
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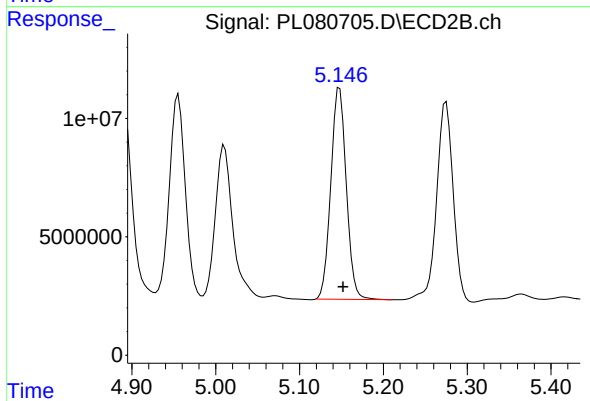
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 111167993
Conc: 38.81 ng/ml



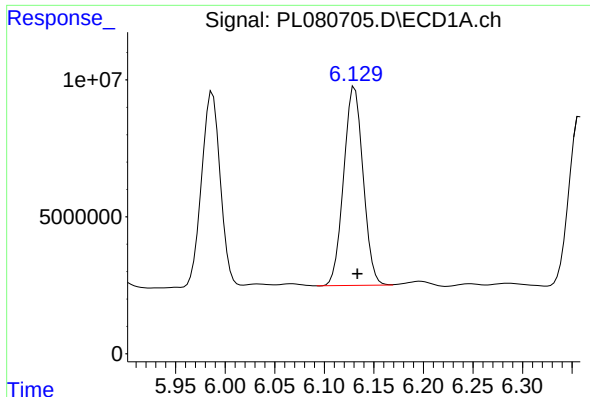
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 92425136
Conc: 41.50 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 114359114
Conc: 48.48 ng/ml



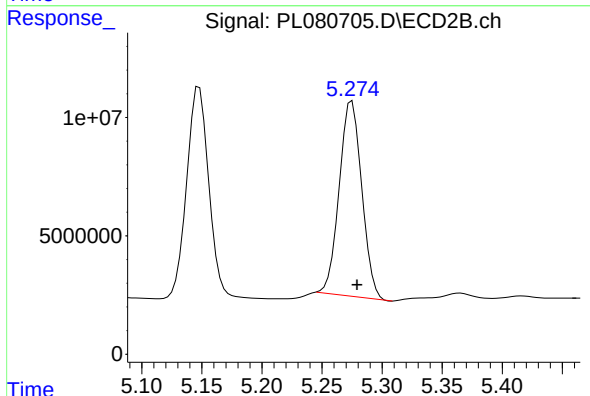
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 99008519
Conc: 41.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
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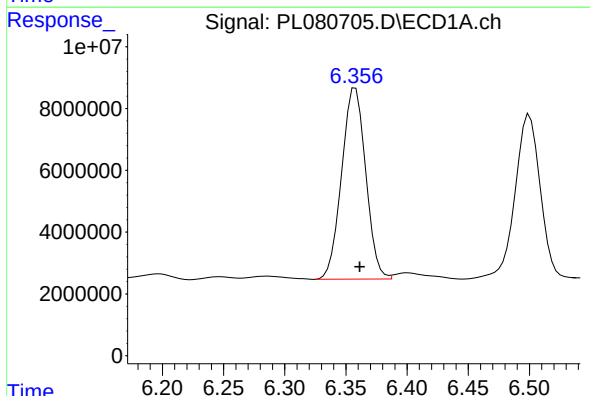
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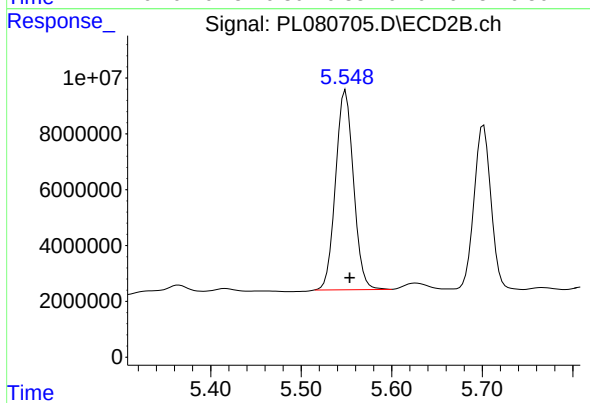
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 107839300
Conc: 39.87 ng/ml



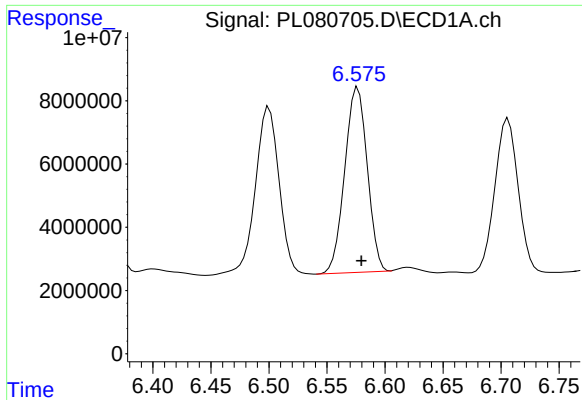
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 84852856
Conc: 39.23 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 98381817
Conc: 42.38 ng/ml



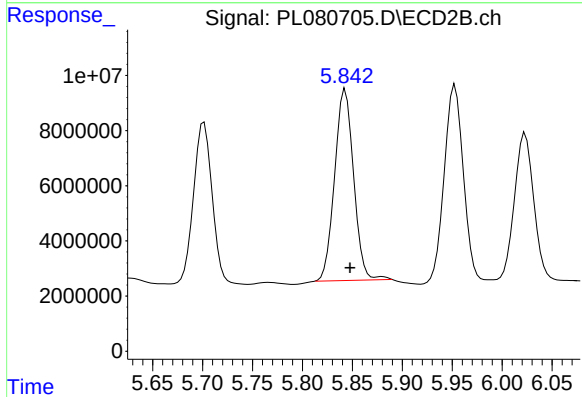
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 79054904
Conc: 34.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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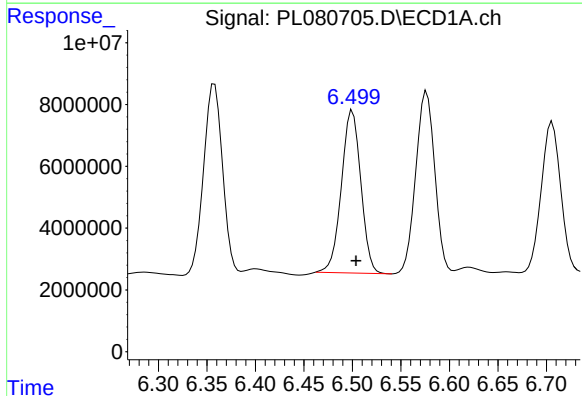
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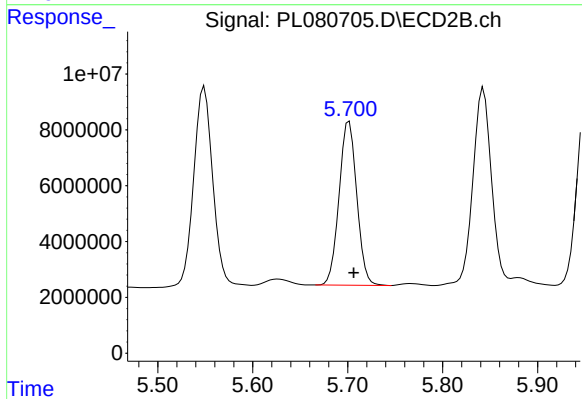
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 92094451
Conc: 44.20 ng/ml



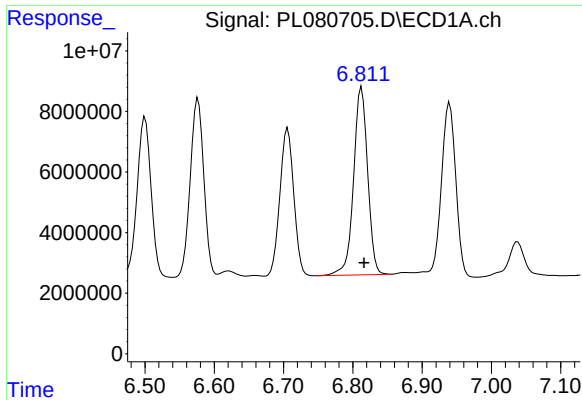
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 73410094
Conc: 40.07 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 76192575
Conc: 40.55 ng/ml



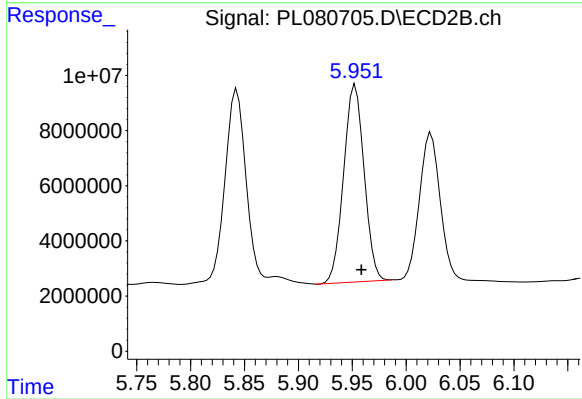
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 87351020
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

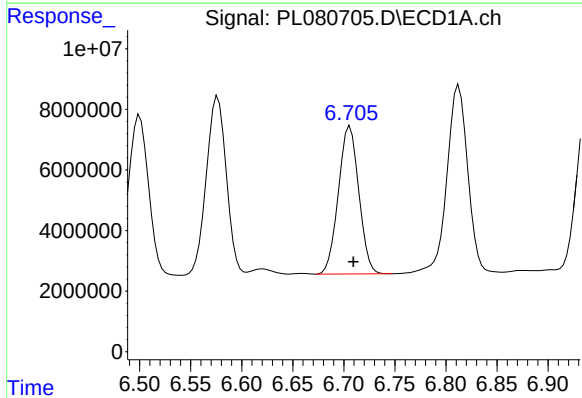
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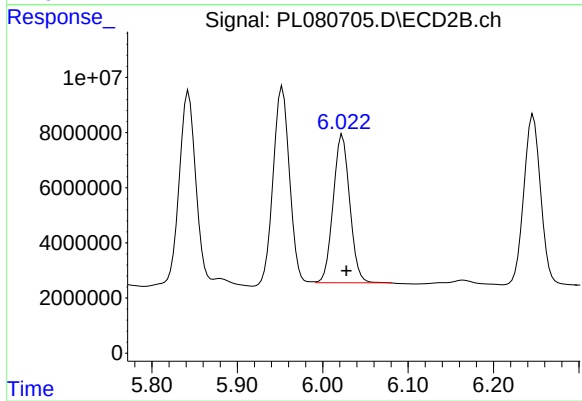
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 94820343
Conc: 45.12 ng/ml m



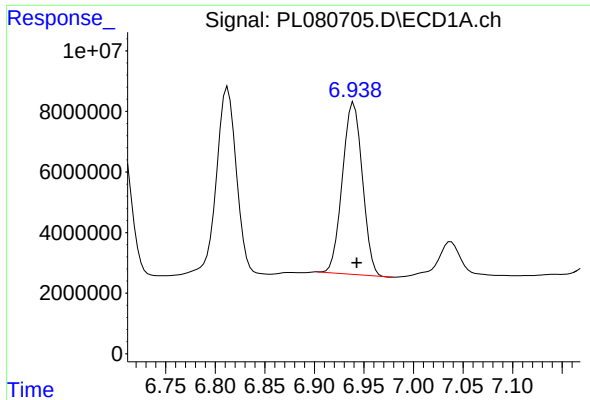
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 67979412
Conc: 40.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 72410692
Conc: 39.65 ng/ml



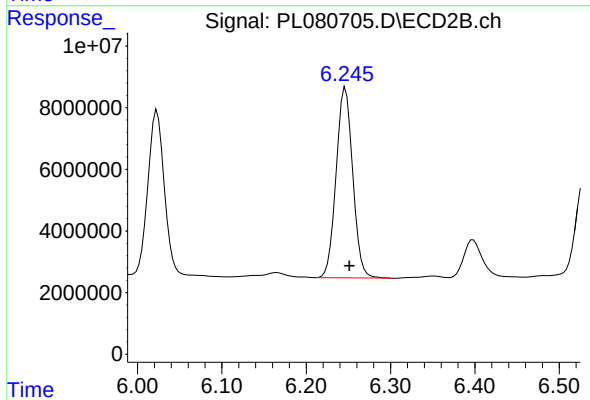
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 79412348
Conc: 38.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

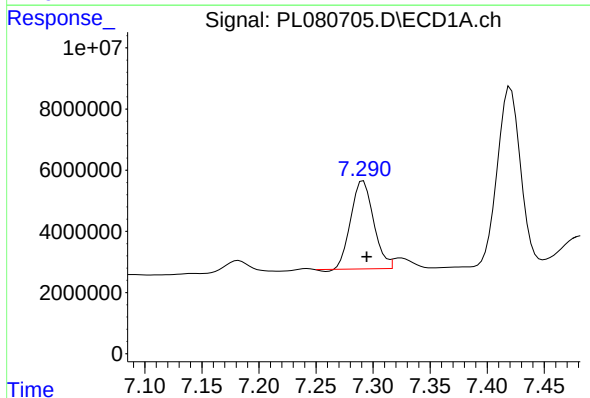
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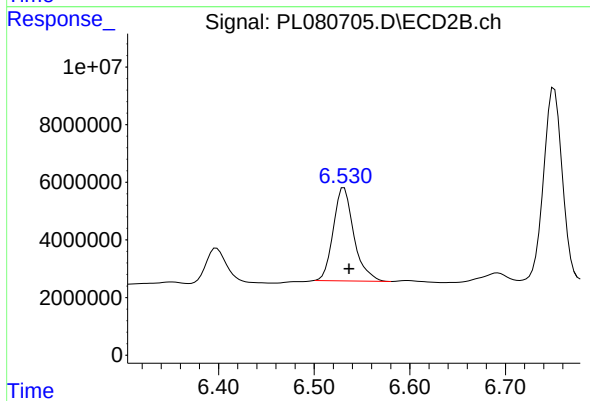
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 84464766
Conc: 36.32 ng/ml



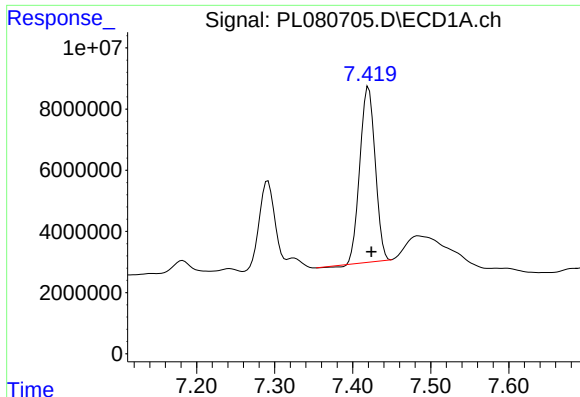
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 39777717
Conc: 36.05 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 48308478
Conc: 39.81 ng/ml



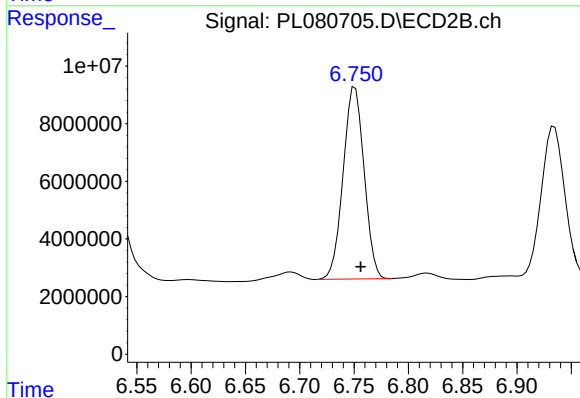
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 77969481
Conc: 35.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

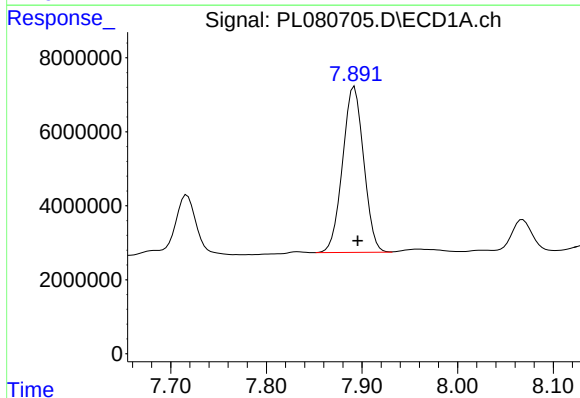
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



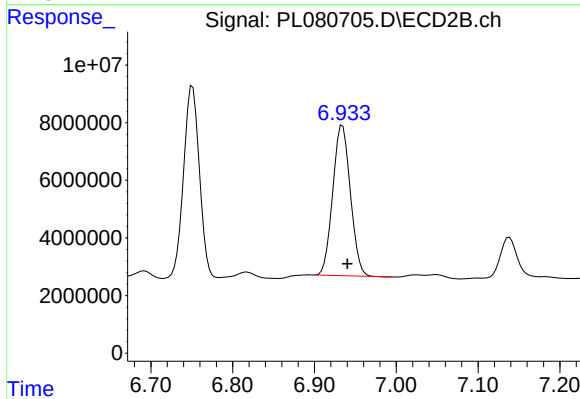
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 89675579
Conc: 35.12 ng/ml



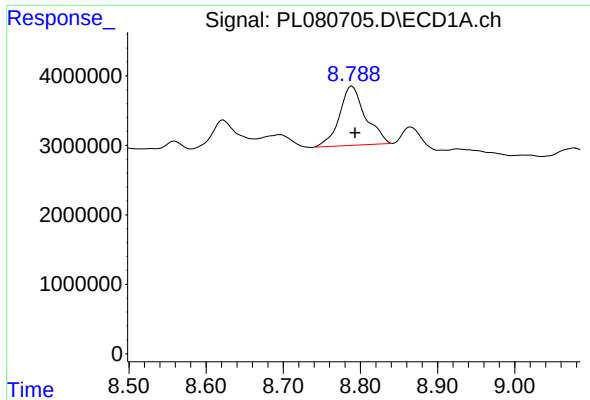
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 68935249
Conc: 40.08 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 78134699
Conc: 34.32 ng/ml



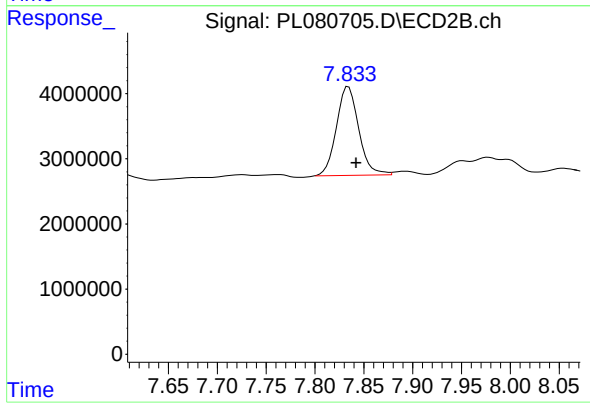
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 20074112
Conc: 11.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 21643166
Conc: 9.08 ng/ml