

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 16:09
 Operator : AR\AJ
 Sample : 01404-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NPHACK-SOIL-0201MS

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 21:21:31 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	26918583	28686637	12.550m	13.060
28) SA Decachlor...	8.788	7.835	21304426	21240403	12.169	8.915 #
Target Compounds						
2) A alpha-BHC	3.799	3.189	137.8E6	135.6E6	43.510	42.631
3) MA gamma-BHC...	4.128	3.518	127.2E6	126.9E6	43.279	42.467
4) MA Heptachlor	4.711	3.858	120.3E6	130.9E6	40.706m	41.118
5) MB Aldrin	5.050	4.138	120.9E6	124.5E6	44.195	42.213
6) B beta-BHC	4.324	3.812	53856518	53516016	39.455	40.098m
7) B delta-BHC	4.567	4.043	128.0E6	124.4E6	44.227	43.134
8) B Heptachlo...	5.475	4.640	107.4E6	111.5E6	41.527	40.079
9) A Endosulfan I	5.857	5.010	96992202	91160867	41.073	35.044
10) B gamma-Chl...	5.729	4.891	116.7E6	115.4E6	46.192	40.731
11) B alpha-Chl...	5.809	4.955	114.1E6	113.7E6	45.201	39.679
12) B 4,4'-DDE	5.987	5.148	94134423	114.2E6	42.263	48.417
13) MA Dieldrin	6.131	5.273	100.3E6	116.5E6	41.925	43.064m
14) MA Endrin	6.358	5.549	85827132	99802835	39.685	42.997
15) B Endosulfa...	6.577	5.843	80566647	91900833	35.146	44.104 #
16) A 4,4'-DDD	6.501	5.701	75075921	77244791	40.981	41.105
17) MA 4,4'-DDT	6.814	5.951	87958144	93624639	42.335	44.552m
18) B Endrin al...	6.706	6.023	69493659	71395913	41.778	39.097
19) B Endosulfa...	6.940	6.246	81026918	86020354	39.145	36.987
20) A Methoxychlor	7.292	6.531	41363820	48241975	37.491	39.756
21) B Endrin ke...	7.421	6.750	79954526	91503934	36.238	35.839
22) Mirex	7.893	6.934	68973686	80061904	40.106	35.165

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 16:09
 Operator : AR\AJ
 Sample : 01404-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

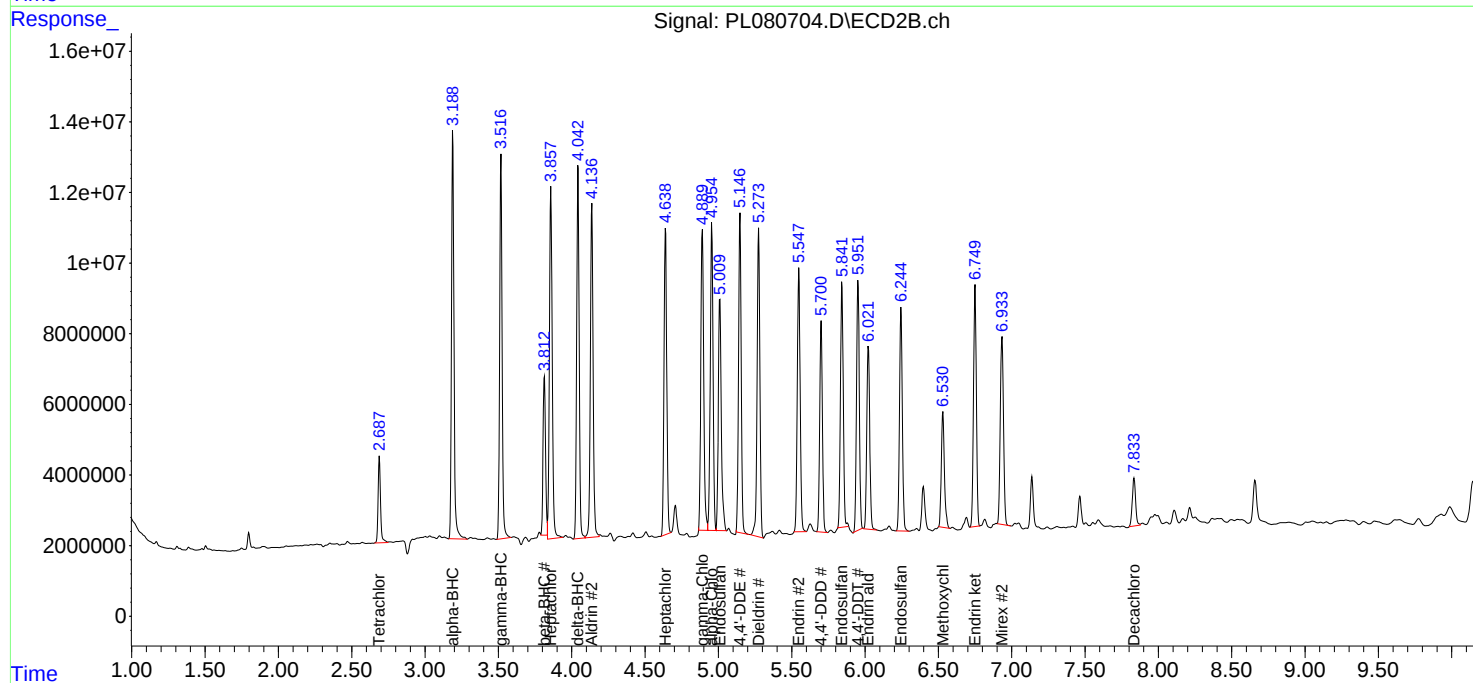
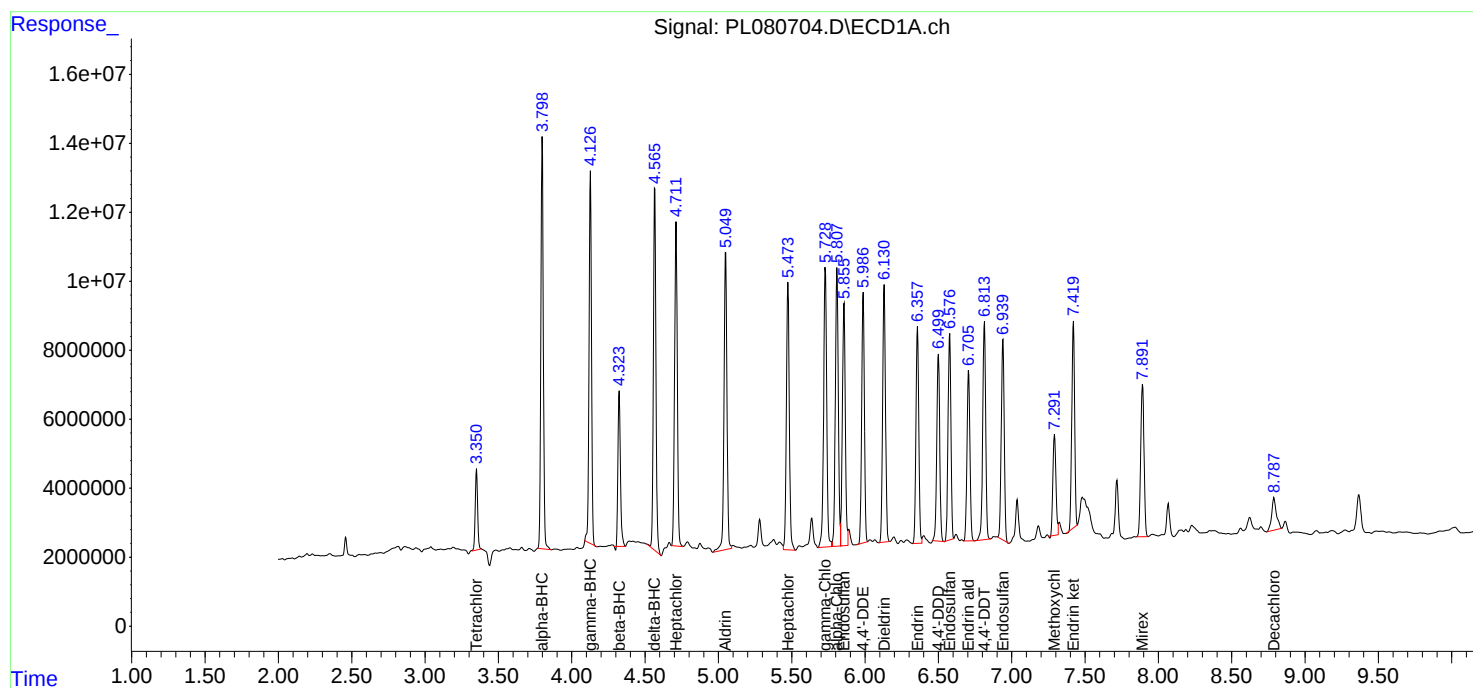
Instrument :
 ECD_L
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 NPHACK-SOIL-0201MS

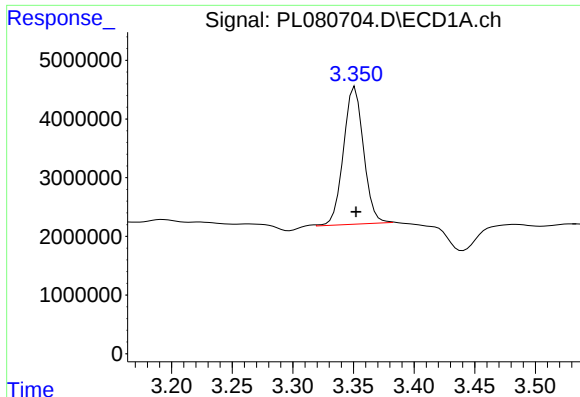
Manual Integrations APPROVED

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 21:21:31 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





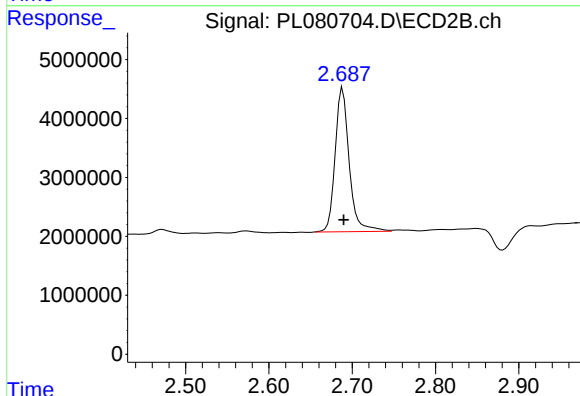
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 26918583
Conc: 12.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

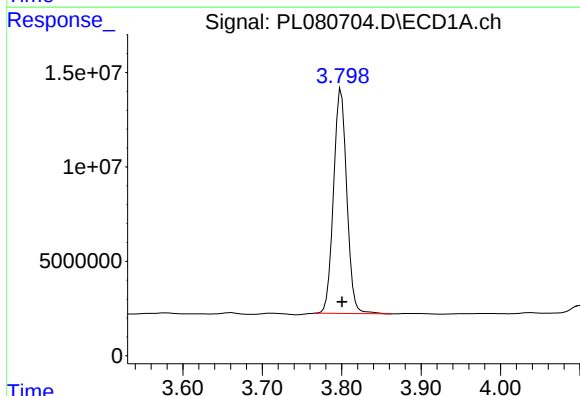
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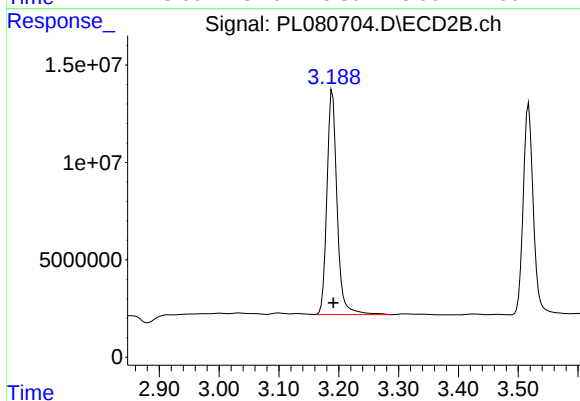
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 28686637
Conc: 13.06 ng/ml



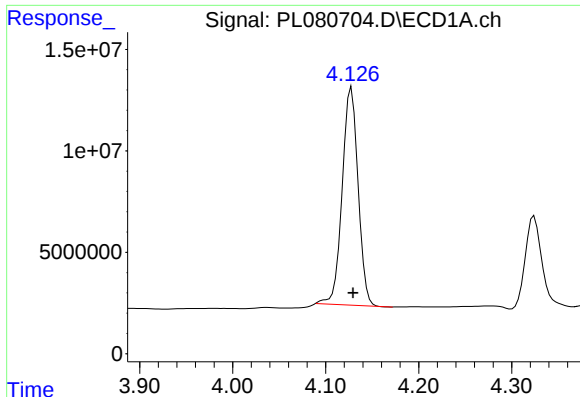
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 137842206
Conc: 43.51 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 135585143
Conc: 42.63 ng/ml



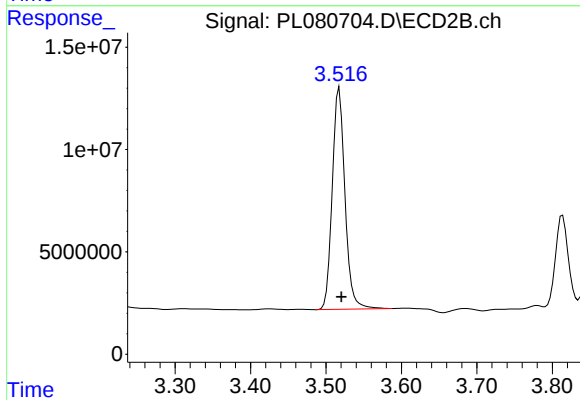
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 127230213
Conc: 43.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

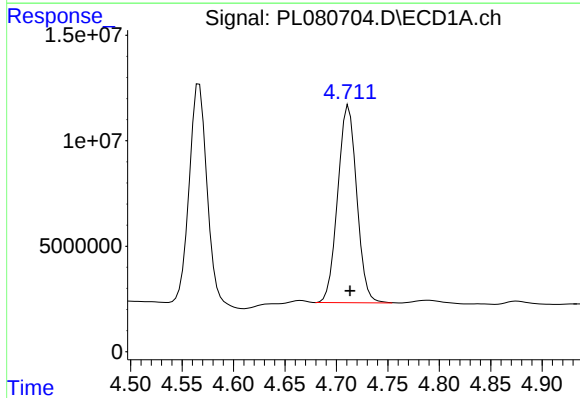
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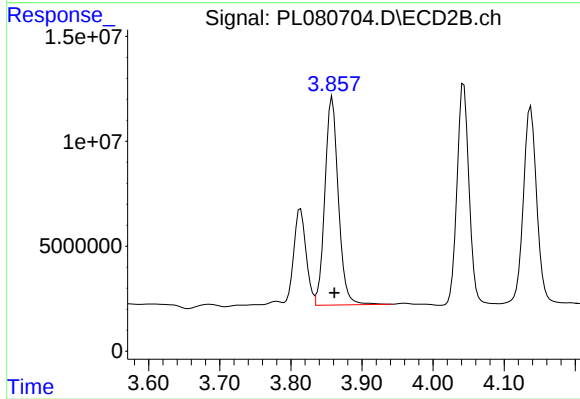
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 126862046
Conc: 42.47 ng/ml



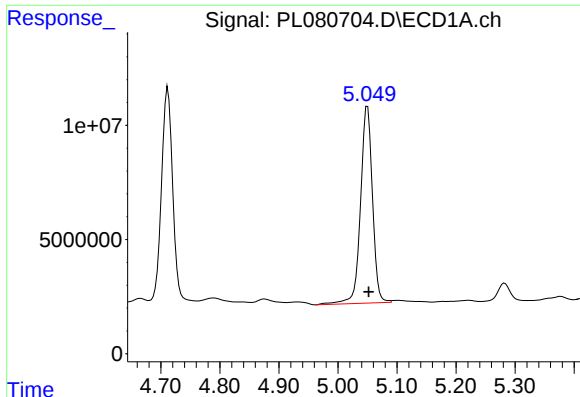
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 120296281
Conc: 40.71 ng/ml m



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 130851201
Conc: 41.12 ng/ml



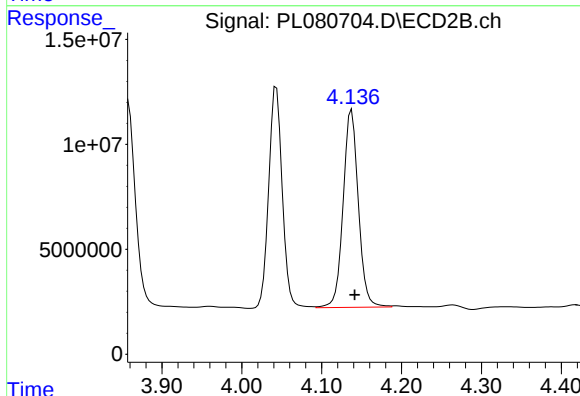
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 120907074
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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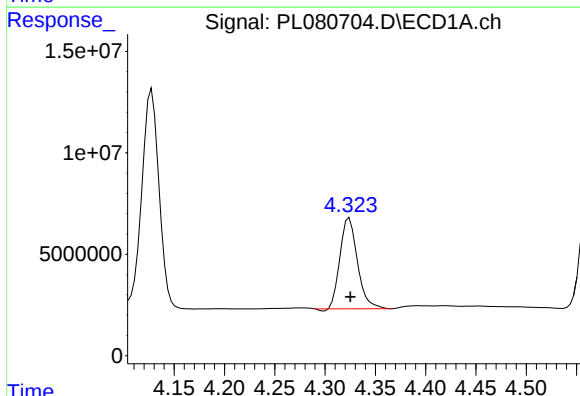
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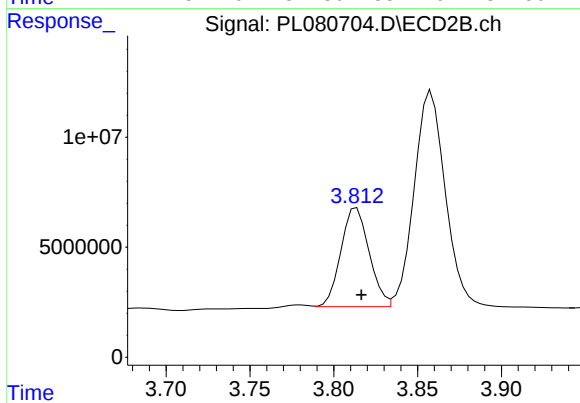
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 124510386
Conc: 42.21 ng/ml



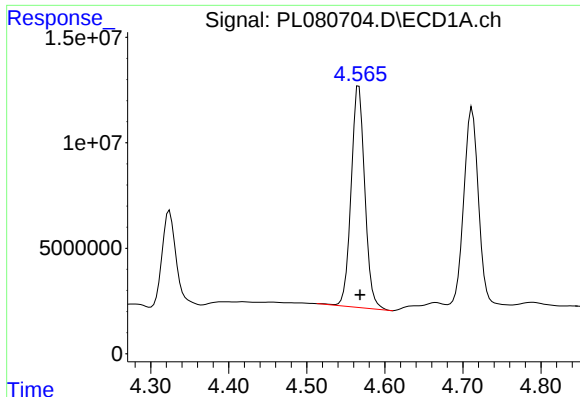
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 53856518
Conc: 39.45 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 53516016
Conc: 40.10 ng/ml m



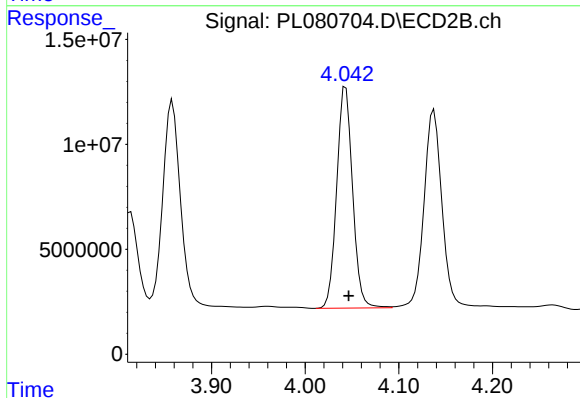
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 128037277
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

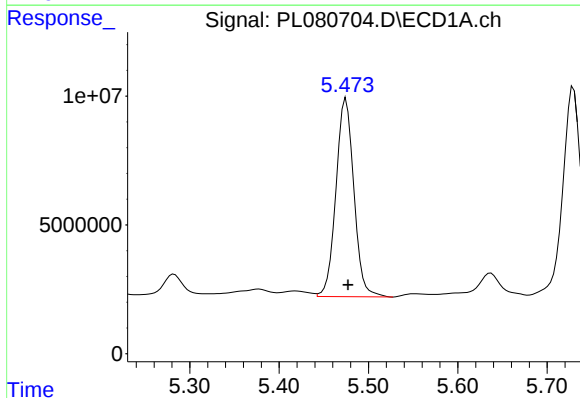
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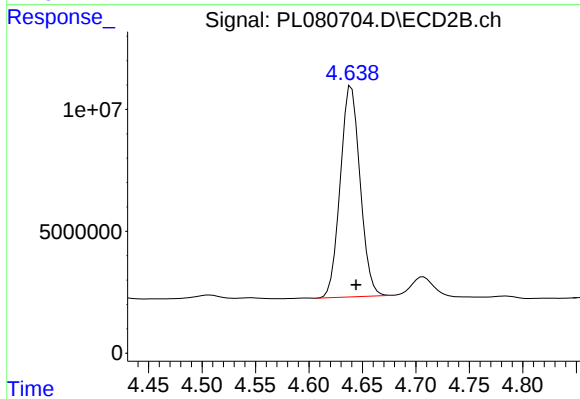
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 124417909
Conc: 43.13 ng/ml



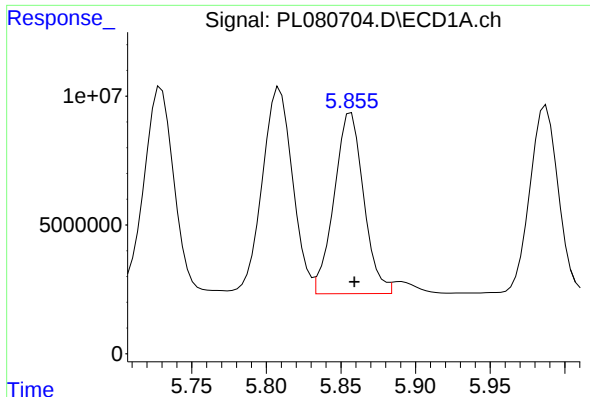
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 107433453
Conc: 41.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 111513450
Conc: 40.08 ng/ml



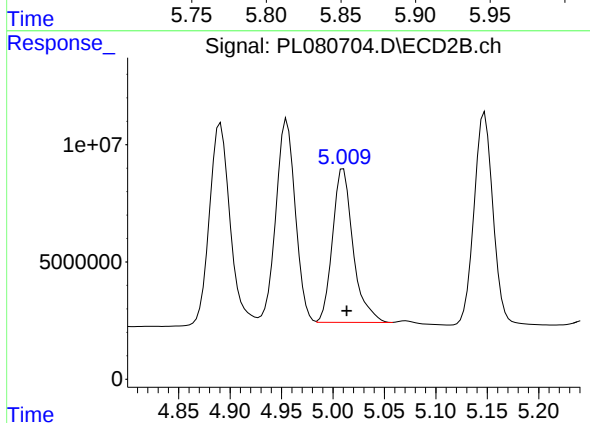
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 96992202
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

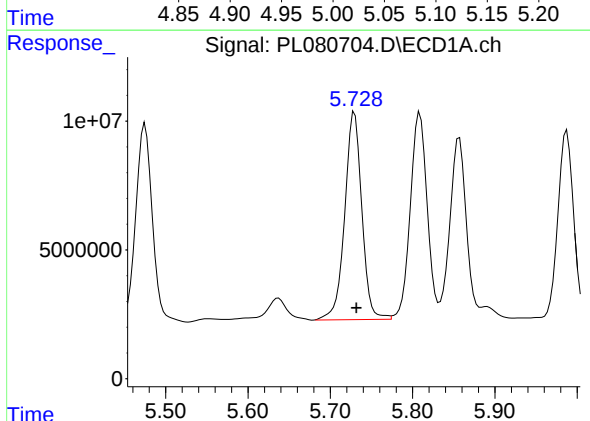
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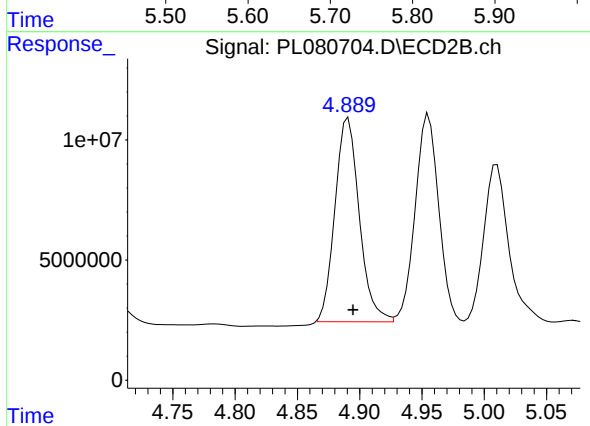
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 91160867
Conc: 35.04 ng/ml



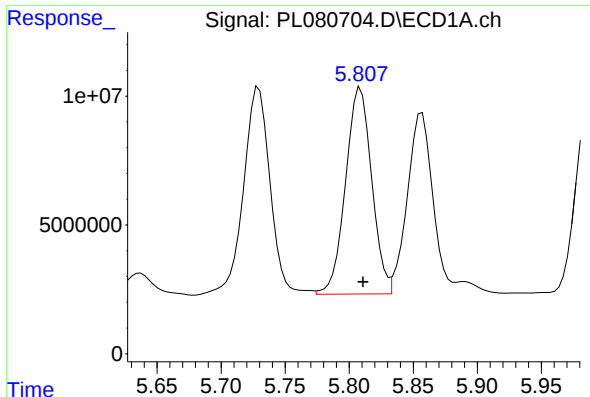
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 116667947
Conc: 46.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 115440374
Conc: 40.73 ng/ml



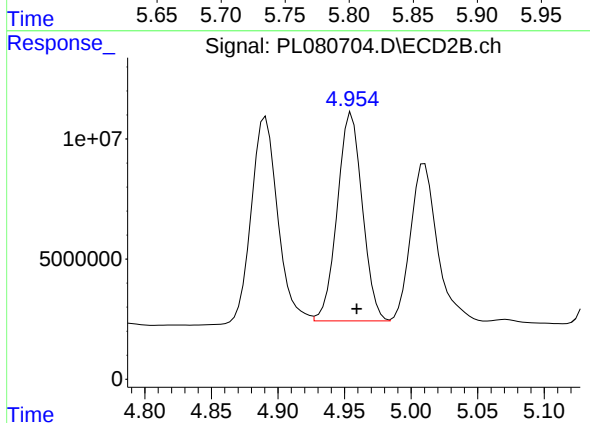
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 114099551
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

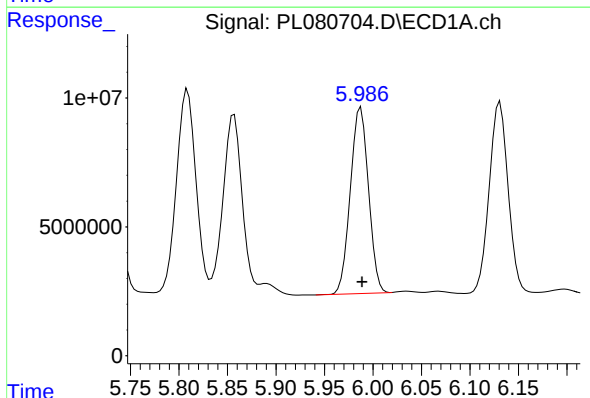
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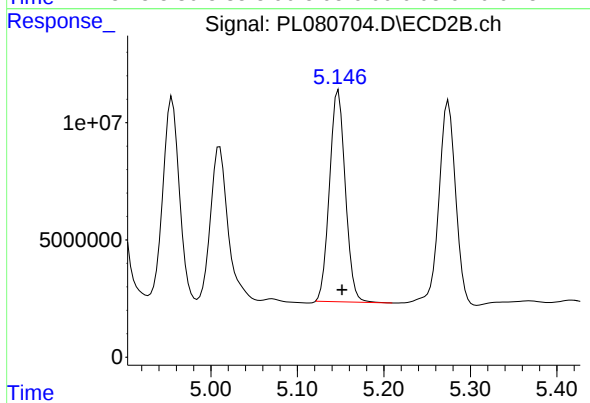
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 113668938
Conc: 39.68 ng/ml



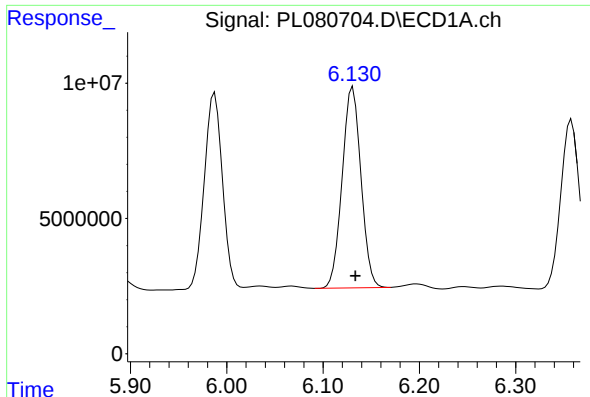
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 94134423
Conc: 42.26 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 114207709
Conc: 48.42 ng/ml



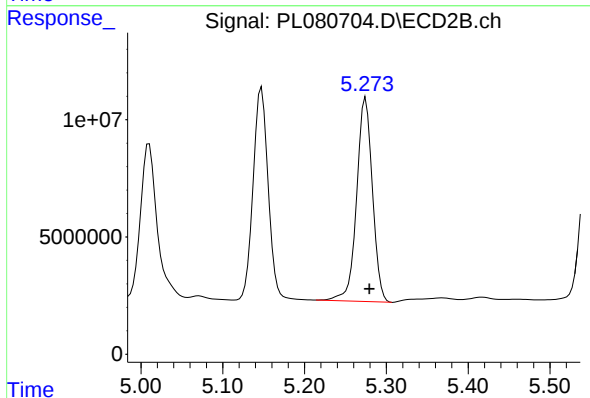
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 100340503
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

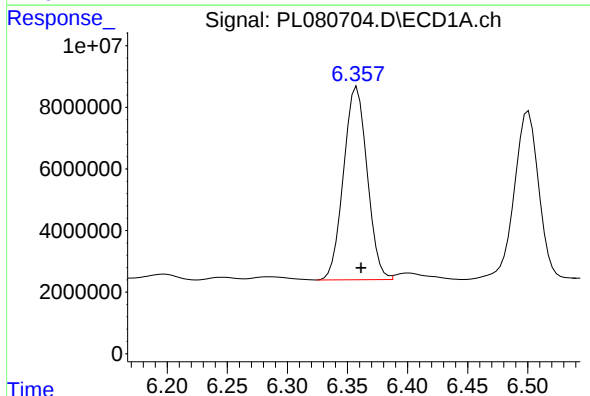
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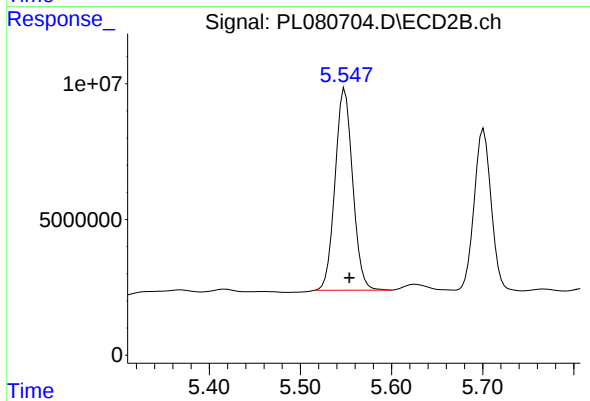
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 116487089
Conc: 43.06 ng/ml m



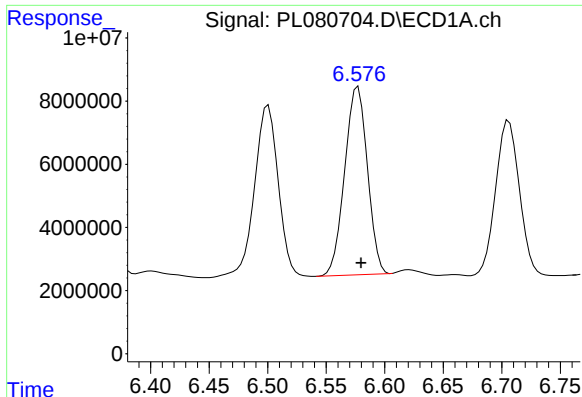
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 85827132
Conc: 39.69 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 99802835
Conc: 43.00 ng/ml



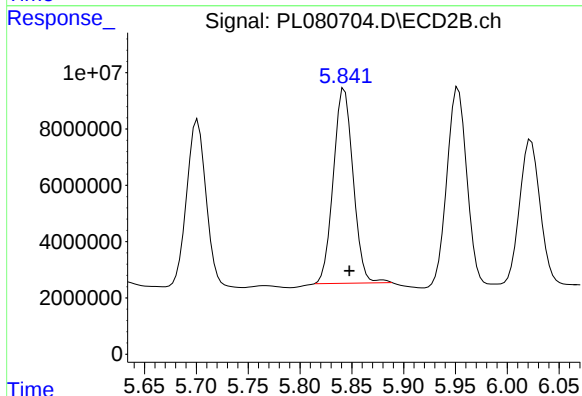
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 80566647
Conc: 35.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

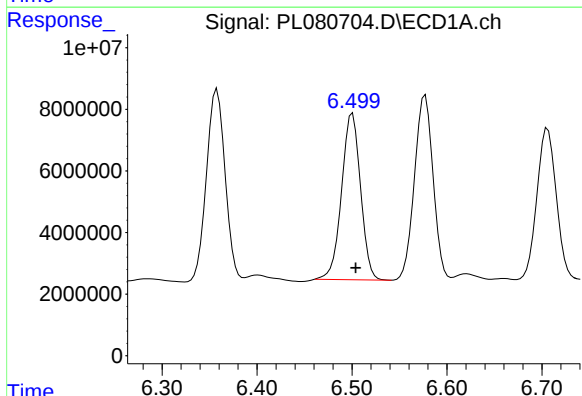
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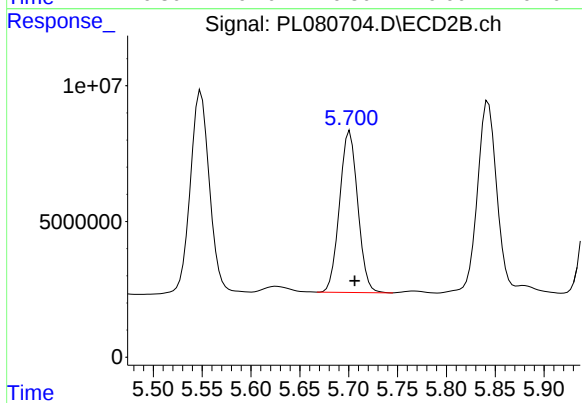
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 91900833
Conc: 44.10 ng/ml



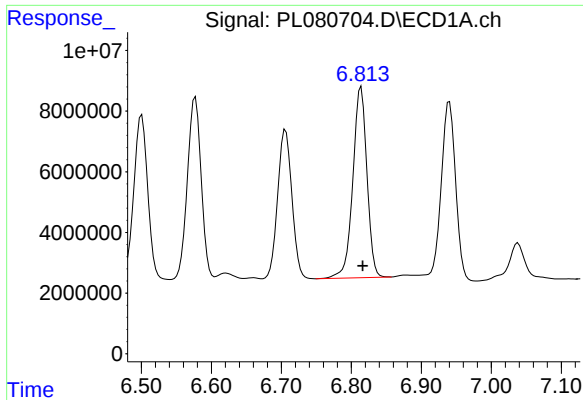
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 75075921
Conc: 40.98 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 77244791
Conc: 41.11 ng/ml



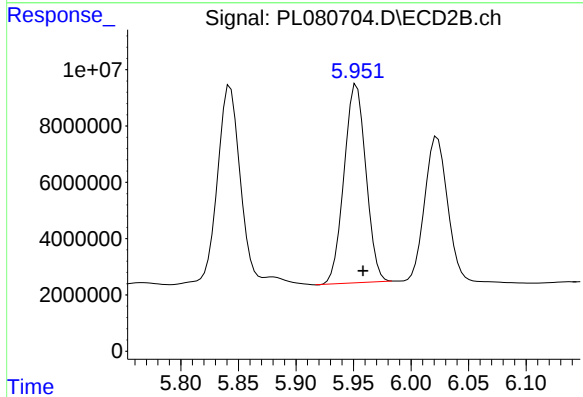
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 87958144
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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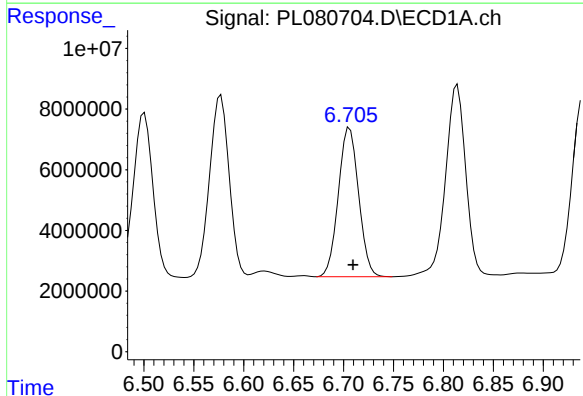
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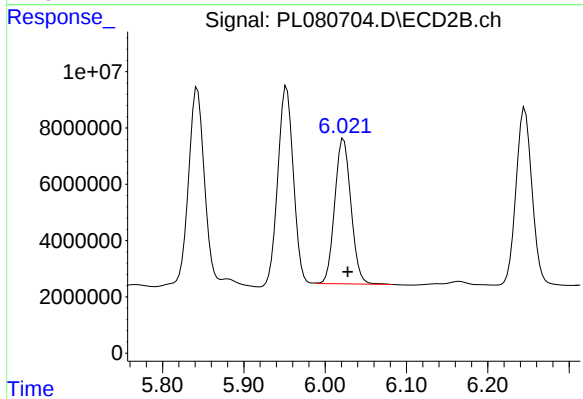
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 93624639
Conc: 44.55 ng/ml m



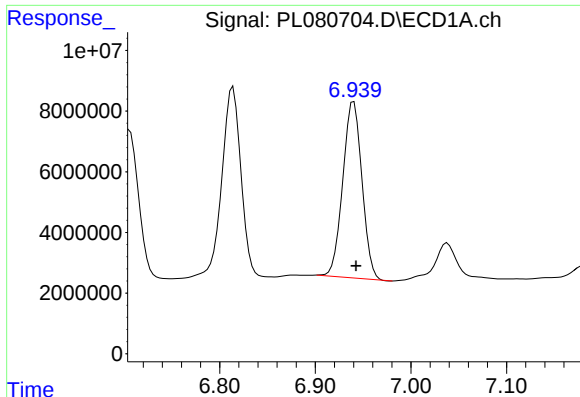
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 69493659
Conc: 41.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 71395913
Conc: 39.10 ng/ml



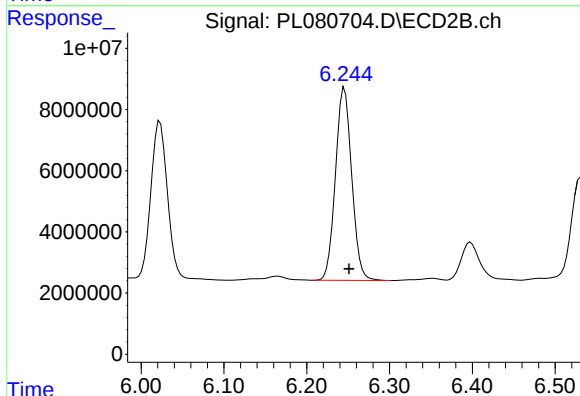
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 81026918
Conc: 39.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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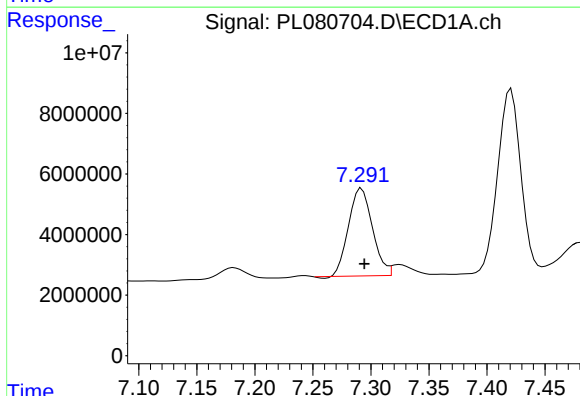
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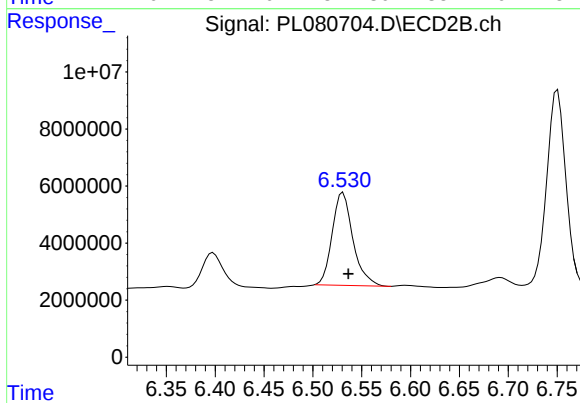
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 86020354
Conc: 36.99 ng/ml



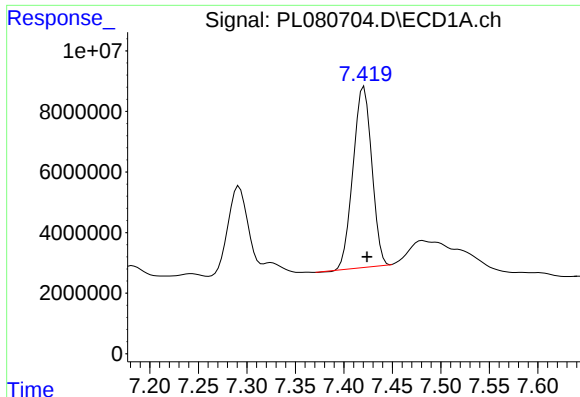
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 41363820
Conc: 37.49 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 48241975
Conc: 39.76 ng/ml



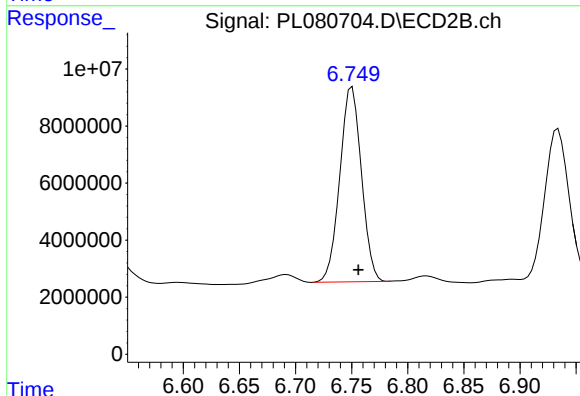
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 79954526
Conc: 36.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

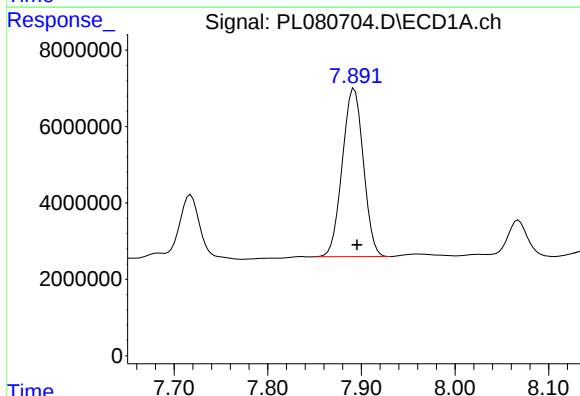
Manual Integrations
APPROVED

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



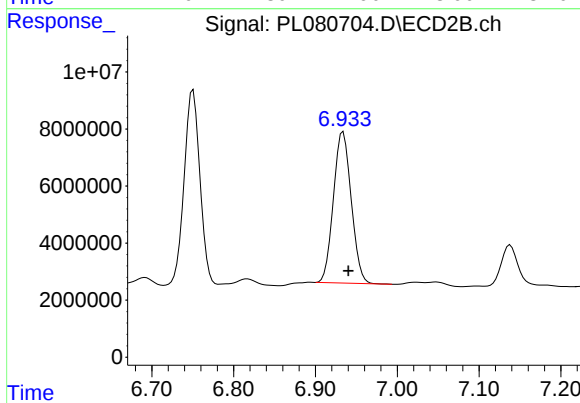
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 91503934
Conc: 35.84 ng/ml



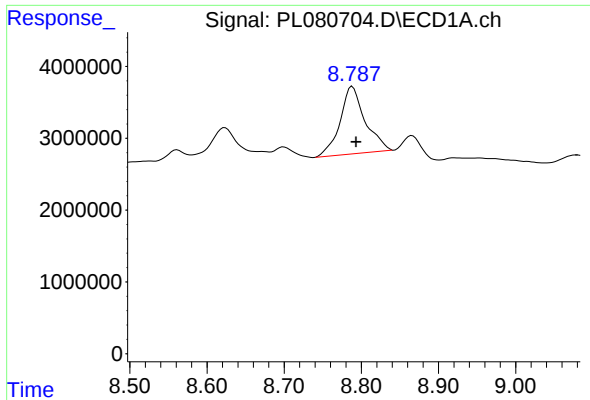
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 68973686
Conc: 40.11 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 80061904
Conc: 35.17 ng/ml



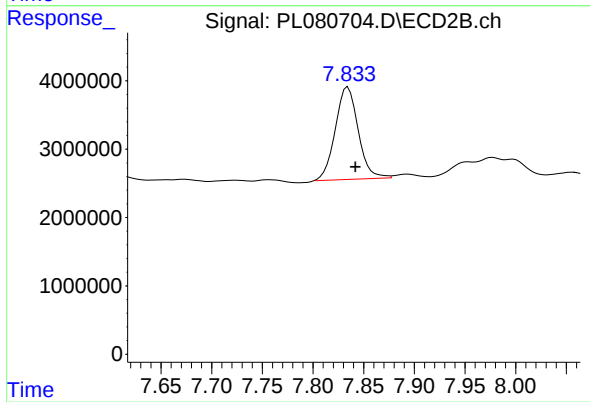
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 21304426
Conc: 12.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 21240403
Conc: 8.92 ng/ml