

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
 Data File : PL078840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 20:41
 Operator : AR\AJ
 Sample : N5452-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILEMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2022
 Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:29:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.321	2.568	28996468	39229126	15.205	15.365
2)	SA Decachlor...	8.769	7.634	18955520	25880217	12.600	13.664
Target Compounds							
2)	A alpha-BHC	3.781	3.055	135.9E6	185.9E6	47.333	47.085
3)	MA gamma-BHC...	4.114	3.375	125.2E6	169.7E6	46.869	47.209
4)	MA Heptachlor	4.684	3.703	124.9E6	167.6E6	48.117	48.316
5)	MB Aldrin	5.022	3.974	123.2E6	176.6E6	49.739	50.440
6)	B beta-BHC	4.329	3.675	53355894	63841655	46.317	44.494
7)	B delta-BHC	4.569	3.895	112.7E6	172.1E6	49.493	47.263
8)	B Heptachlo...	5.456	4.470	111.3E6	146.6E6	52.414	48.650
9)	A Endosulfan I	5.839	4.833	98285096	129.7E6	46.066	45.305
10)	B gamma-Chl...	5.711	4.718	111.2E6	151.5E6	49.254	49.439
11)	B alpha-Chl...	5.788	4.780	109.3E6	144.5E6	47.230	48.489
12)	B 4,4'-DDE	5.970	4.973	121.3E6	175.5E6	60.603	64.479m
13)	MA Dieldrin	6.117	5.093	94205424	145.6E6	43.684	49.142m
14)	MA Endrin	6.348	5.365	92797615	139.7E6	48.897	53.606
15)	B Endosulfa...	6.577	5.661	86743106	123.5E6	46.234	54.235
16)	A 4,4'-DDD	6.495	5.523	120.1E6	172.9E6	72.045	78.724m
17)	MA 4,4'-DDT	6.804	5.770	84077543	122.4E6	46.910	56.438m
18)	B Endrin al...	6.708	5.839	71886546	95635027	49.405	50.957
19)	B Endosulfa...	6.942	6.062	85688574	120.1E6	46.572	50.446
20)	A Methoxychlor	7.288	6.348	43019736	59114113	46.715	52.092
21)	B Endrin ke...	7.427	6.558	85147296	130.4E6	45.258	50.445
22)	Mirex	7.884	6.730	69585949	98492016	47.668	50.048

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
Data File : PL078840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2022 20:41
Operator : AR\AJ
Sample : N5452-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

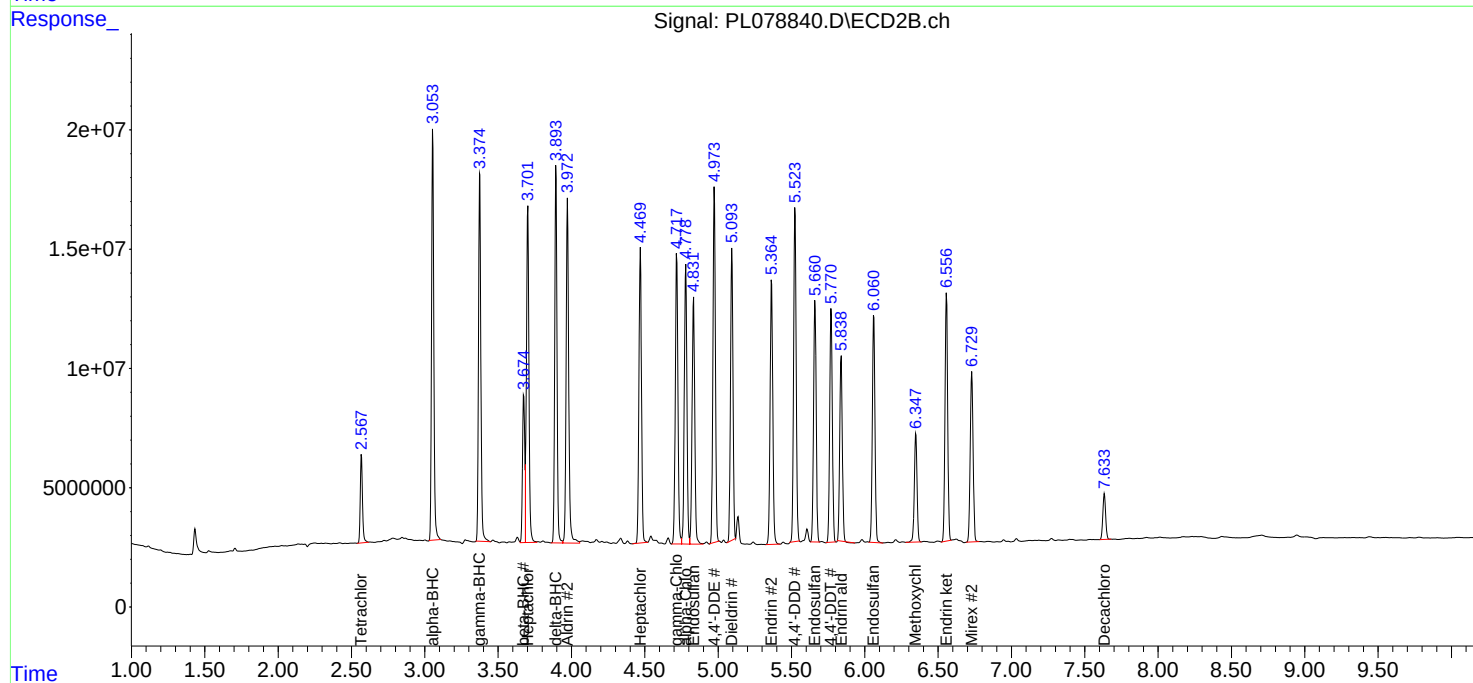
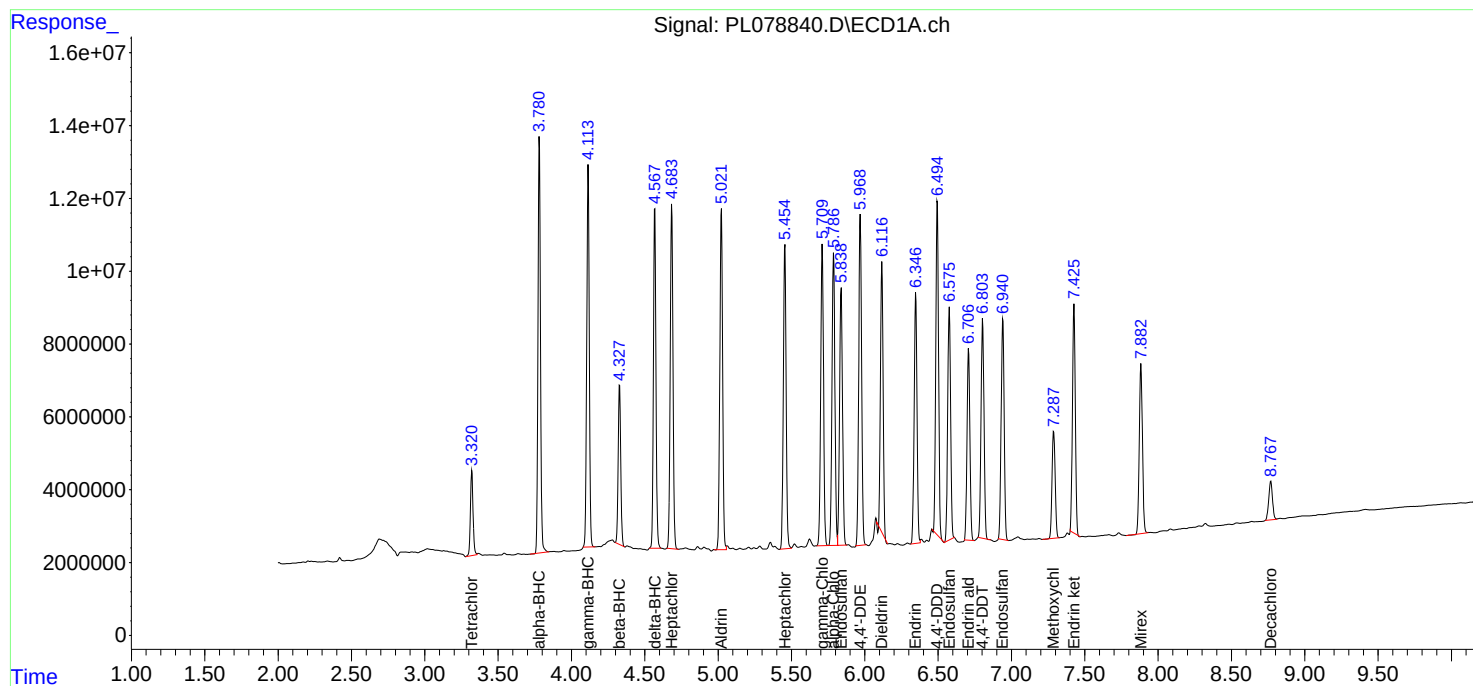
Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

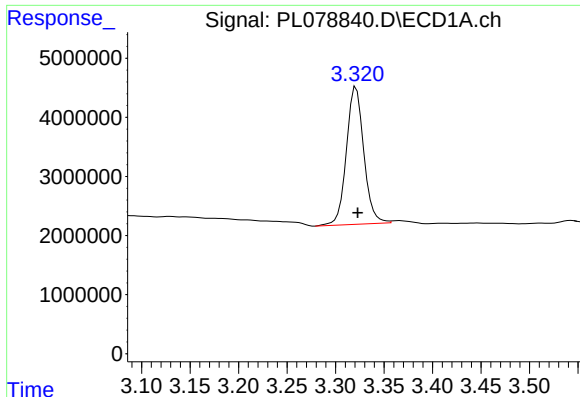
Manual Integrations
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Supervised By :Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:29:25 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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





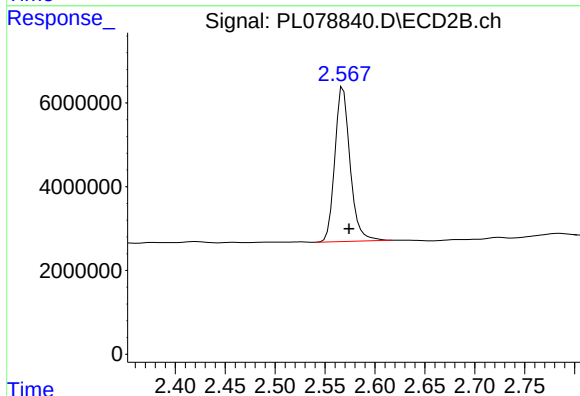
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 28996468
Conc: 15.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

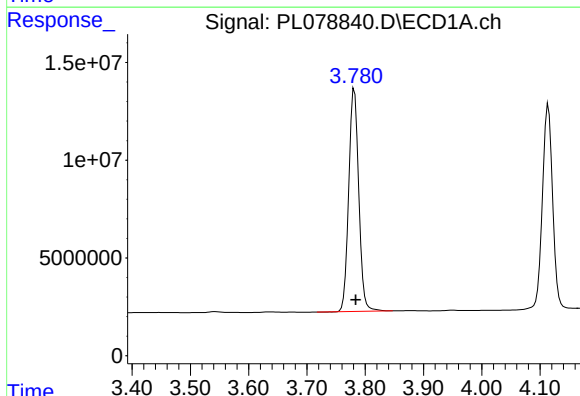
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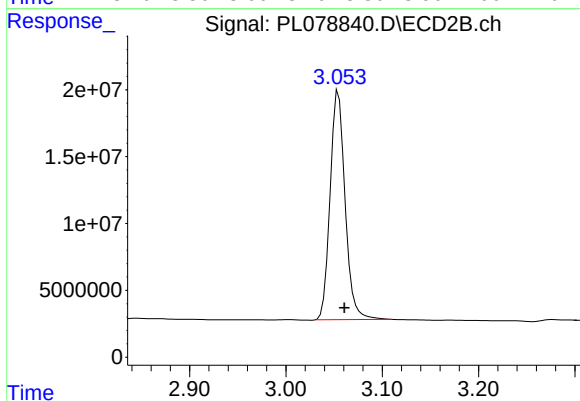
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 39229126
Conc: 15.36 ng/ml



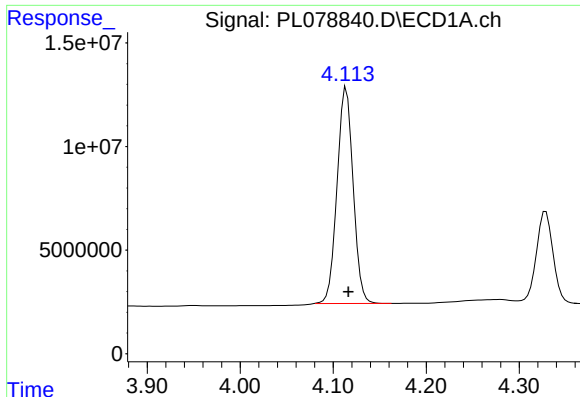
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 135911082
Conc: 47.33 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 185938702
Conc: 47.08 ng/ml



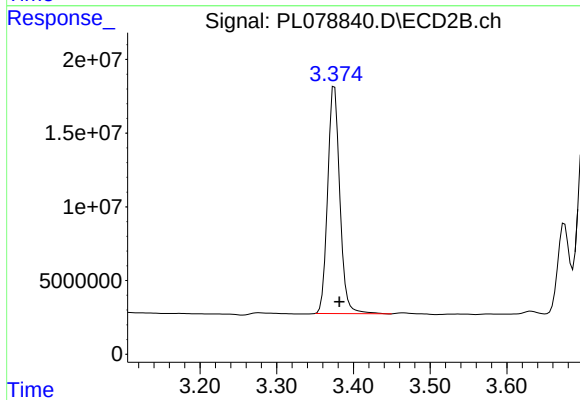
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 125222550
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

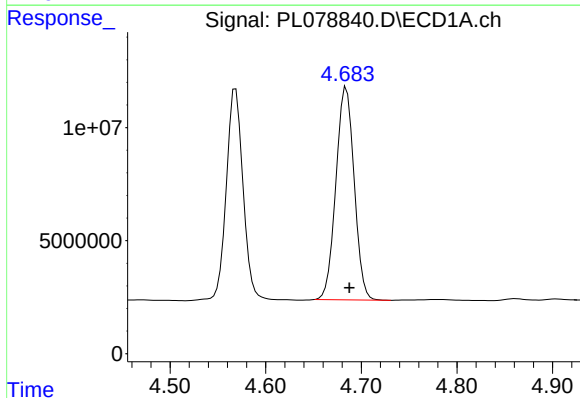
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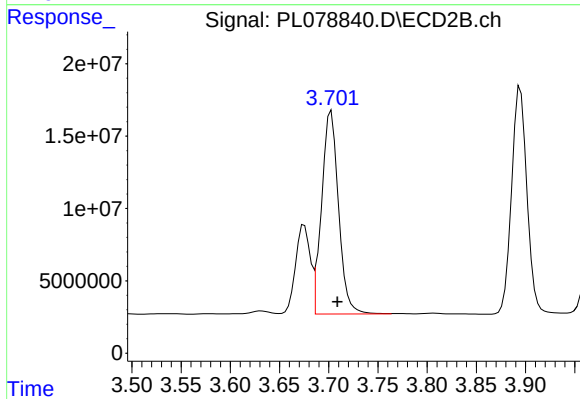
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 169679400
Conc: 47.21 ng/ml



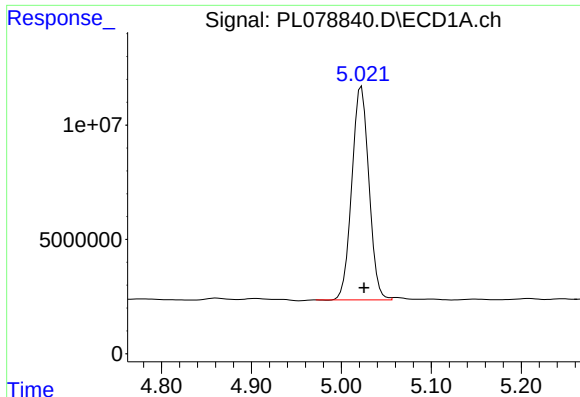
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 124913021
Conc: 48.12 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 167550178
Conc: 48.32 ng/ml



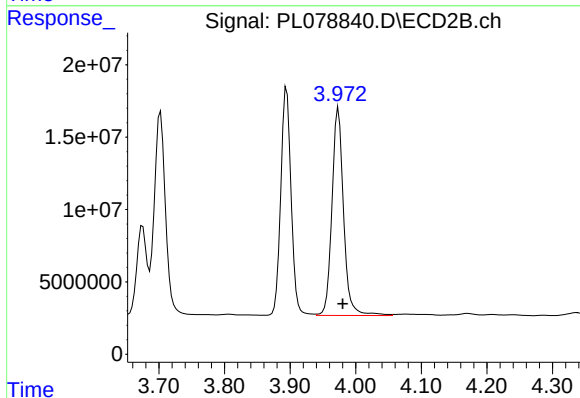
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 123189004
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

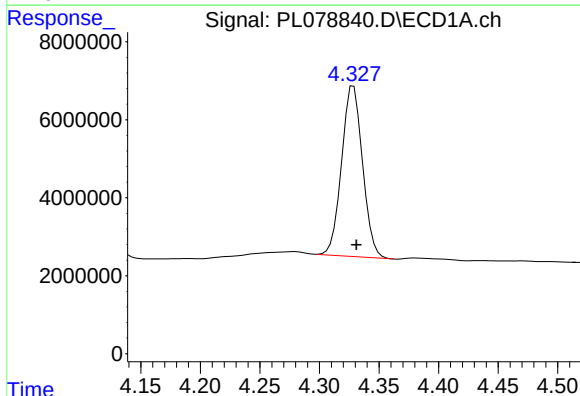
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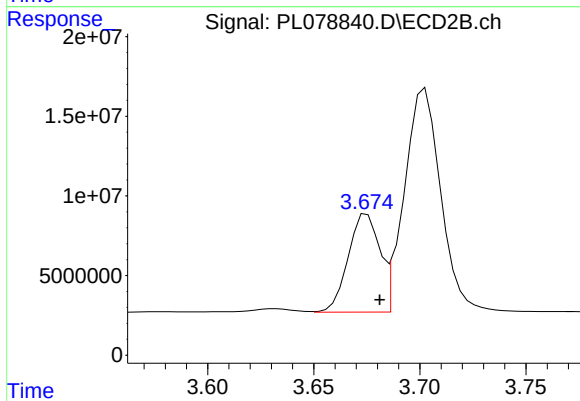
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.007 min
Response: 176626373
Conc: 50.44 ng/ml



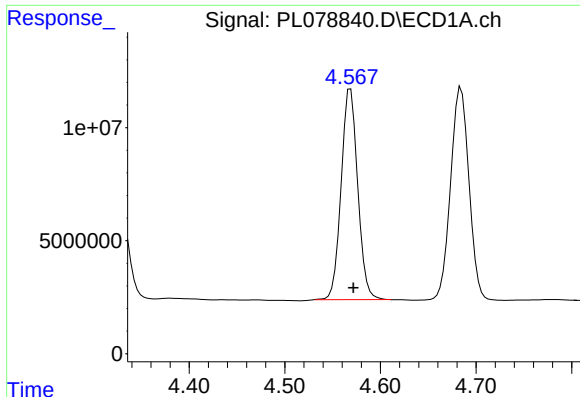
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 53355894
Conc: 46.32 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 63841655
Conc: 44.49 ng/ml



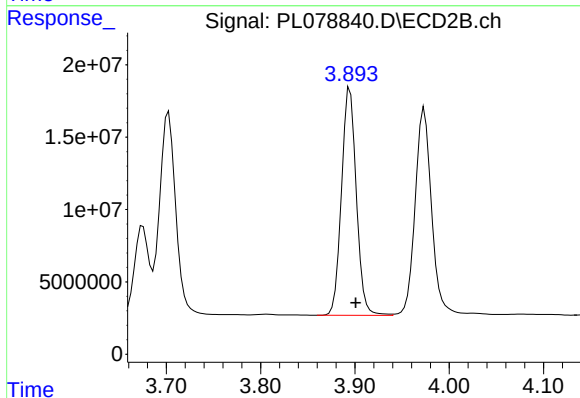
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.003 min
Response: 112687771
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

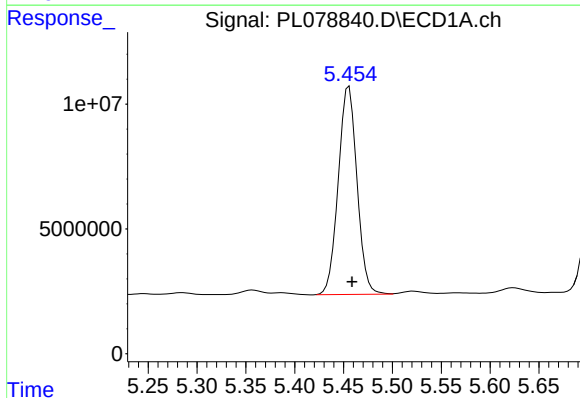
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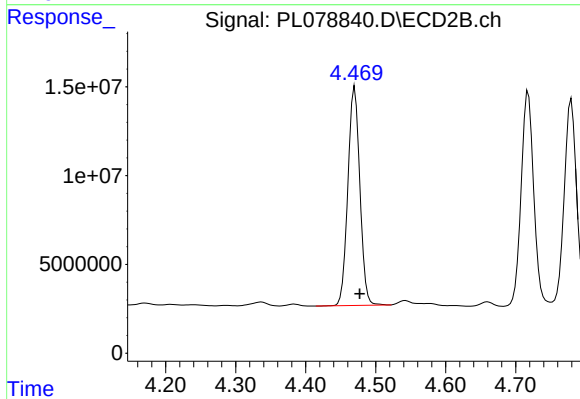
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 172099637
Conc: 47.26 ng/ml



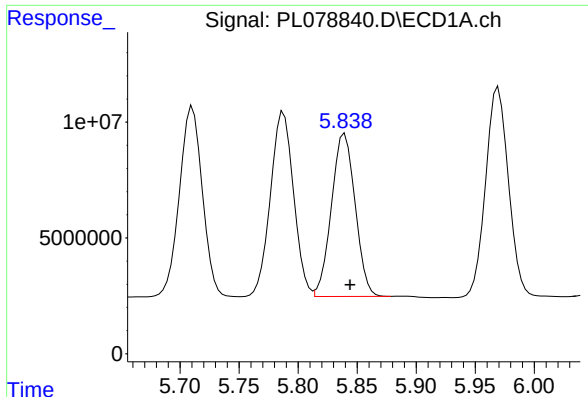
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 111276465
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 146594569
Conc: 48.65 ng/ml



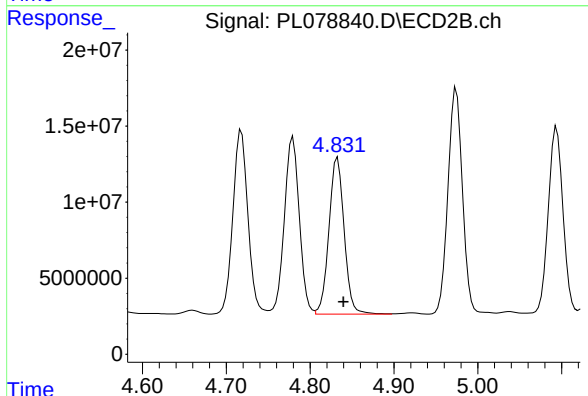
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 98285096
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

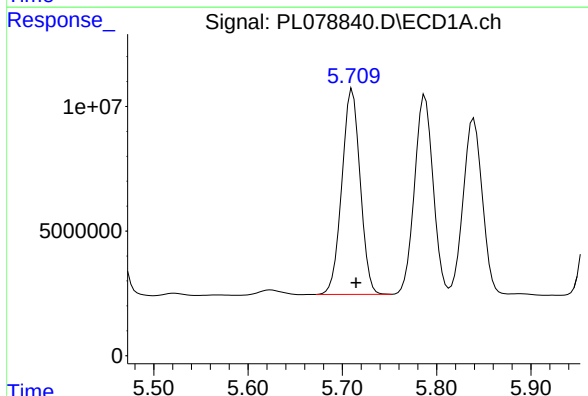
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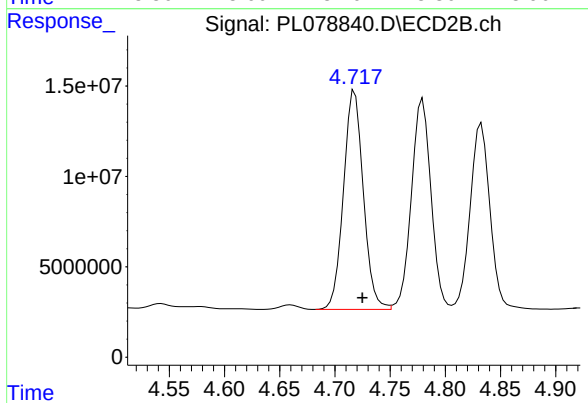
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.007 min
Response: 129692403
Conc: 45.31 ng/ml



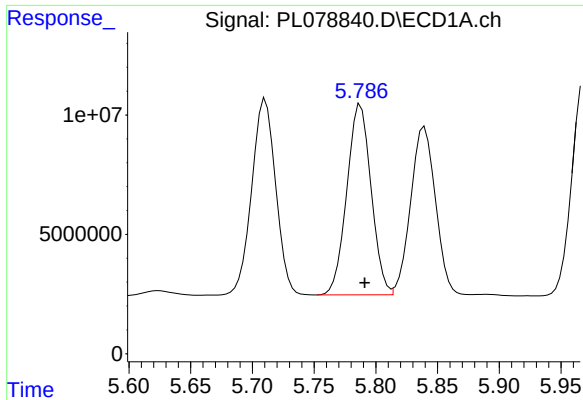
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 111172863
Conc: 49.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 151503773
Conc: 49.44 ng/ml



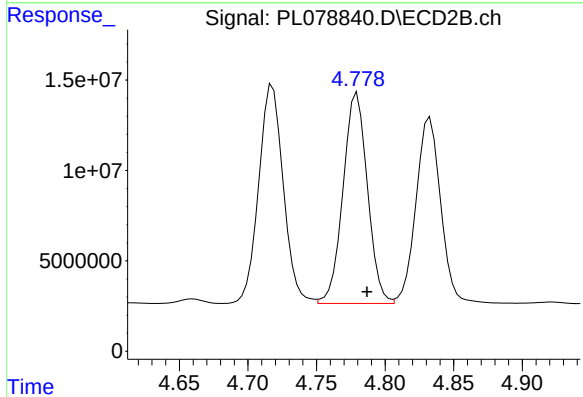
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 109280688
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

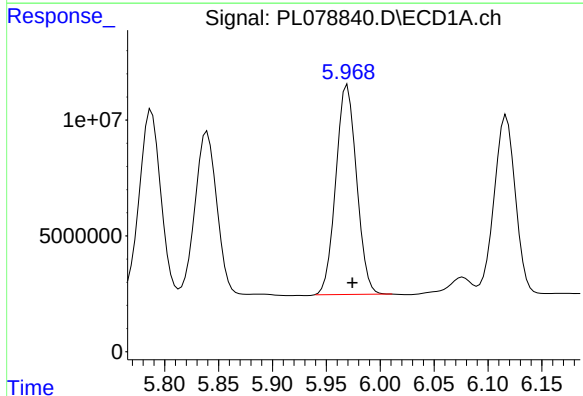
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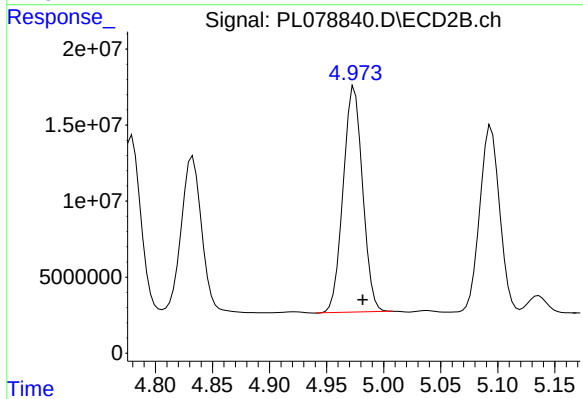
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 144516647
Conc: 48.49 ng/ml



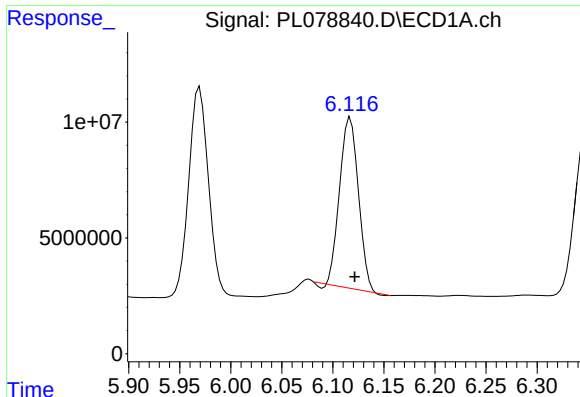
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 121287722
Conc: 60.60 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 175547261
Conc: 64.48 ng/ml m



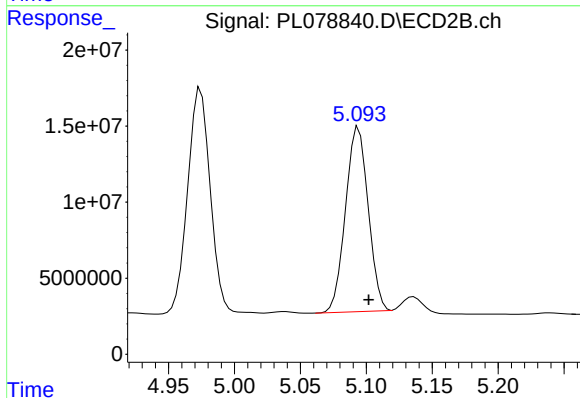
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 94205424
Conc: 43.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

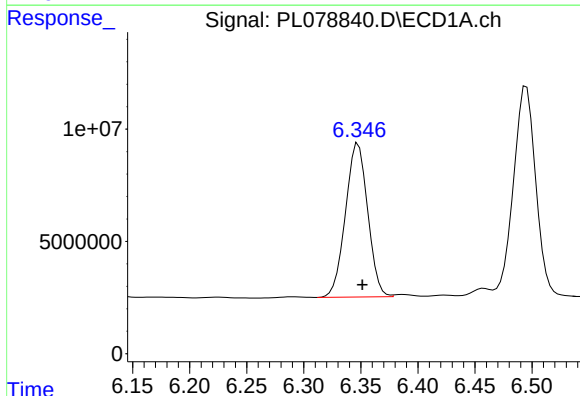
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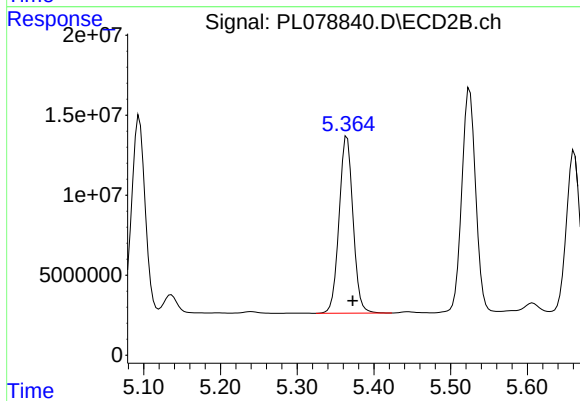
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 145612462
Conc: 49.14 ng/ml m



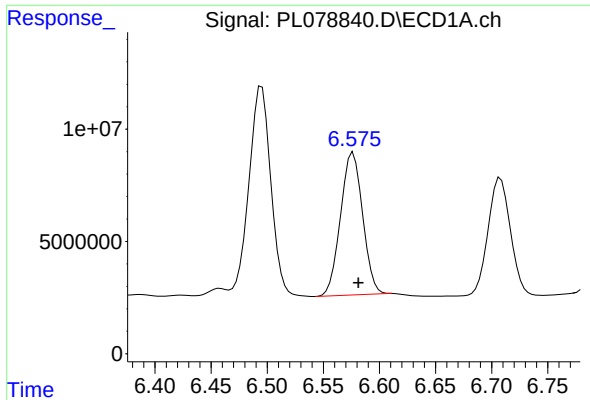
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 92797615
Conc: 48.90 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.008 min
Response: 139656057
Conc: 53.61 ng/ml



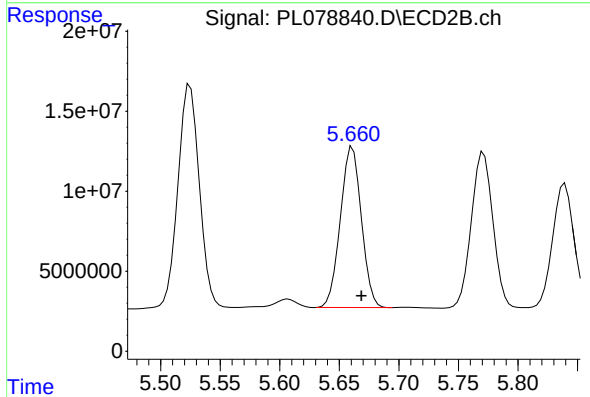
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 86743106
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

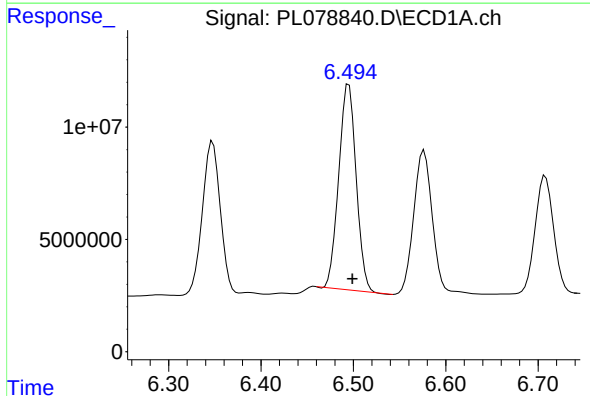
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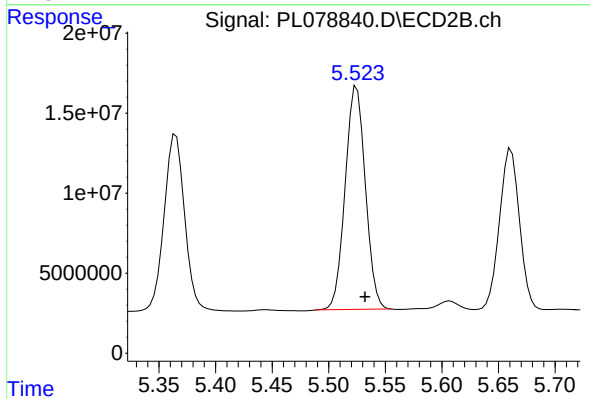
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.007 min
Response: 123454345
Conc: 54.24 ng/ml



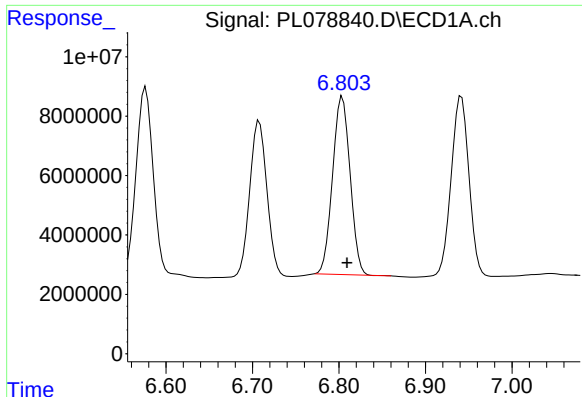
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 120100722
Conc: 72.04 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 172908555
Conc: 78.72 ng/ml m



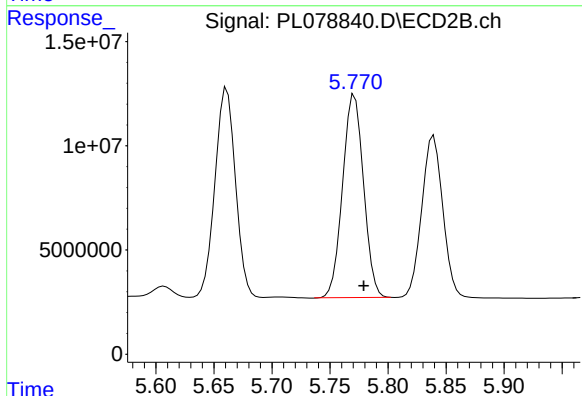
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: -0.005 min
Response: 84077543
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

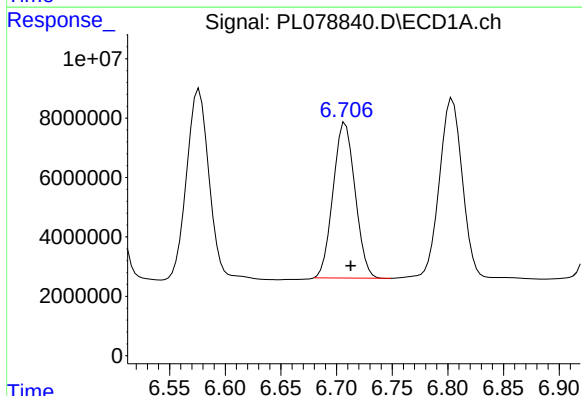
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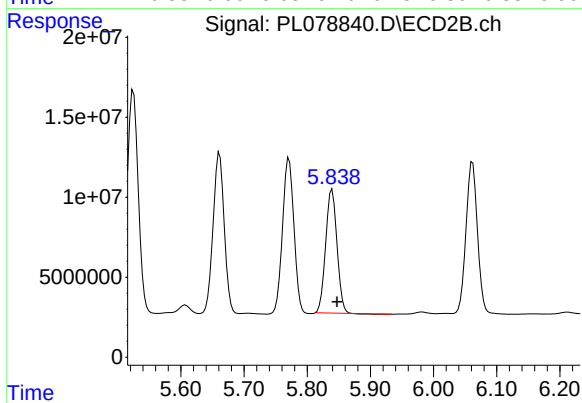
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 122420303
Conc: 56.44 ng/ml m



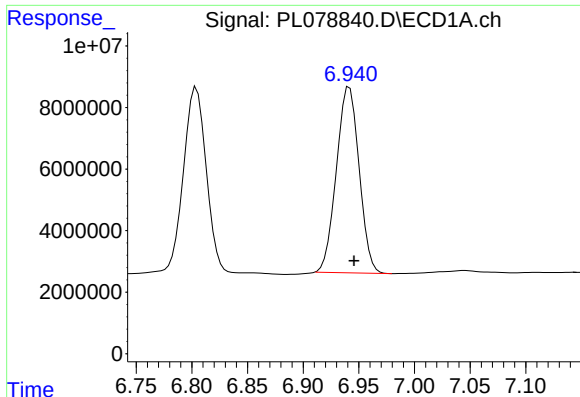
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 71886546
Conc: 49.40 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 95635027
Conc: 50.96 ng/ml



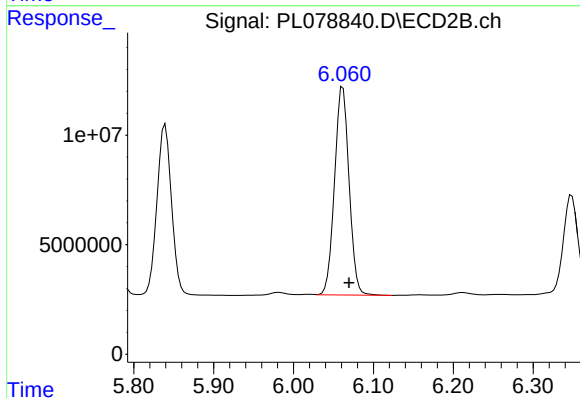
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 85688574
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

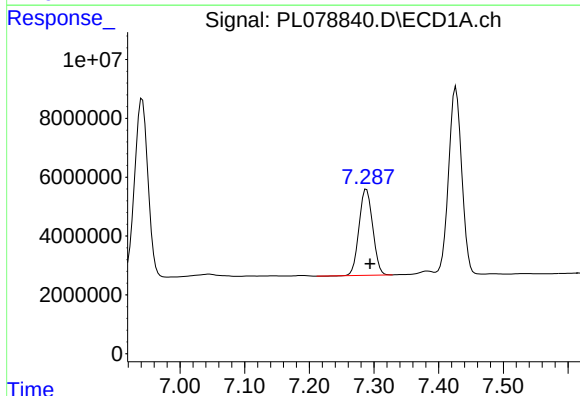
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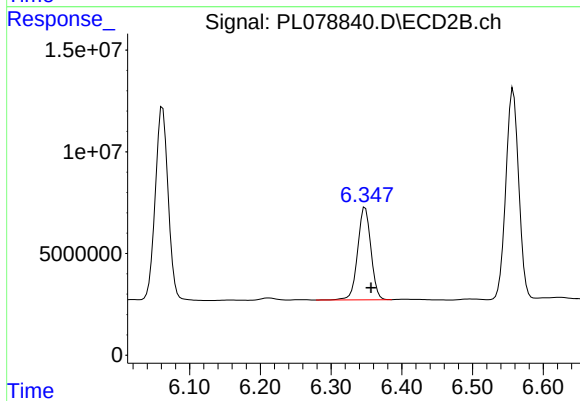
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.008 min
Response: 120086673
Conc: 50.45 ng/ml



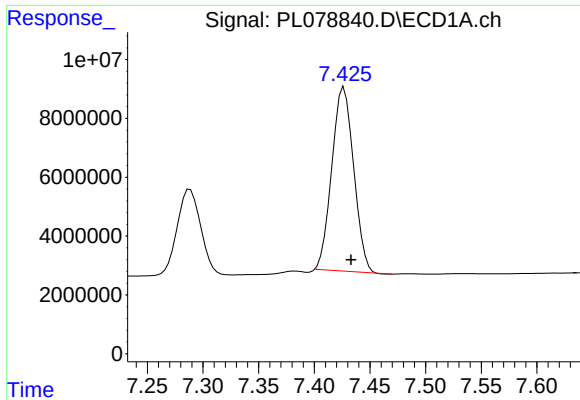
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 43019736
Conc: 46.72 ng/ml



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 59114113
Conc: 52.09 ng/ml



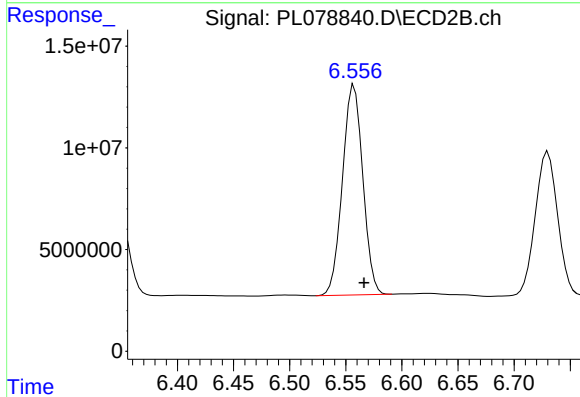
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 85147296
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

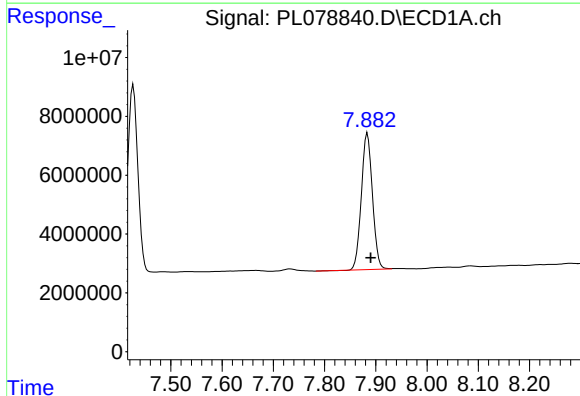
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2022
Supervised By :Ankita Jodhani 11/07/2022



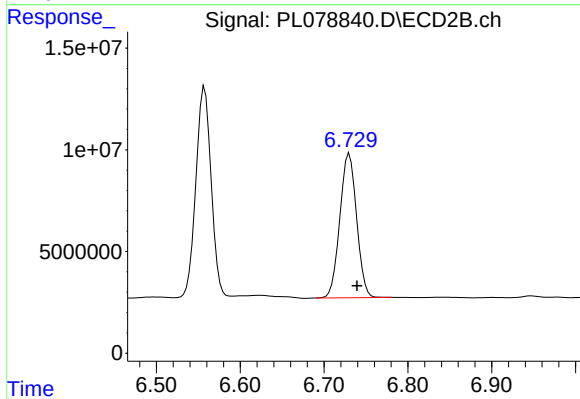
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 130386090
Conc: 50.44 ng/ml



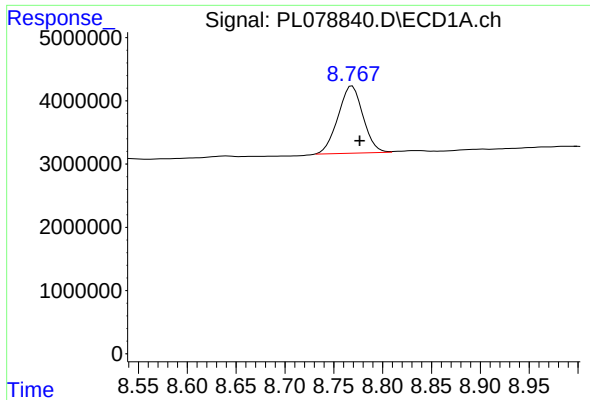
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 69585949
Conc: 47.67 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 98492016
Conc: 50.05 ng/ml



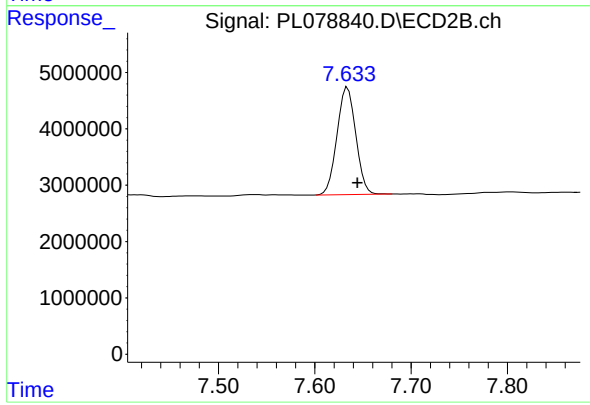
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 18955520
Conc: 12.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 25880217
Conc: 13.66 ng/ml