

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
 Data File : PL078839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 20:27
 Operator : AR\AJ
 Sample : N5452-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILEMS

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 03:28:31 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	2.569	29582104	40025808	15.512	15.677
28)	SA Decachlor...	8.767	7.634	19024474	26072968	12.646	13.765
Target Compounds							
2)	A alpha-BHC	3.781	3.055	137.5E6	188.4E6	47.901	47.716
3)	MA gamma-BHC...	4.114	3.376	126.7E6	171.6E6	47.404	47.756
4)	MA Heptachlor	4.685	3.703	126.2E6	170.5E6	48.606	49.157
5)	MB Aldrin	5.023	3.974	124.8E6	176.6E6	50.397	50.426
6)	B beta-BHC	4.329	3.675	54378887	64382609	47.205	44.871
7)	B delta-BHC	4.569	3.895	113.6E6	174.6E6	49.902	47.953
8)	B Heptachlo...	5.456	4.470	112.3E6	148.5E6	52.915	49.272
9)	A Endosulfan I	5.840	4.833	99195129	131.2E6	46.492	45.823
10)	B gamma-Chl...	5.711	4.718	109.2E6	153.7E6	48.392	50.144
11)	B alpha-Chl...	5.787	4.780	110.4E6	146.5E6	47.717	49.166
12)	B 4,4'-DDE	5.971	4.973	121.6E6	178.0E6	60.757	65.388m
13)	MA Dieldrin	6.116	5.094	103.6E6	146.7E6	48.040m	49.493m
14)	MA Endrin	6.348	5.365	93262186	140.8E6	49.142	54.050
15)	B Endosulfa...	6.577	5.661	87234097	124.7E6	46.496	54.795
16)	A 4,4'-DDD	6.495	5.524	121.2E6	177.1E6	72.694	80.619m
17)	MA 4,4'-DDT	6.805	5.770	84313908	123.0E6	47.042	56.727m
18)	B Endrin al...	6.709	5.839	71325775	97994480	49.019	52.214
19)	B Endosulfa...	6.941	6.062	85964611	121.2E6	46.722	50.934
20)	A Methoxychlor	7.289	6.348	43038903	59584490	46.736	52.507
21)	B Endrin ke...	7.425	6.558	87122039	131.6E6	46.307m	50.907
22)	Mirex	7.884	6.730	68617112	99278054	47.004	50.447

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
Data File : PL078839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2022 20:27
Operator : AR\AJ
Sample : N5452-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

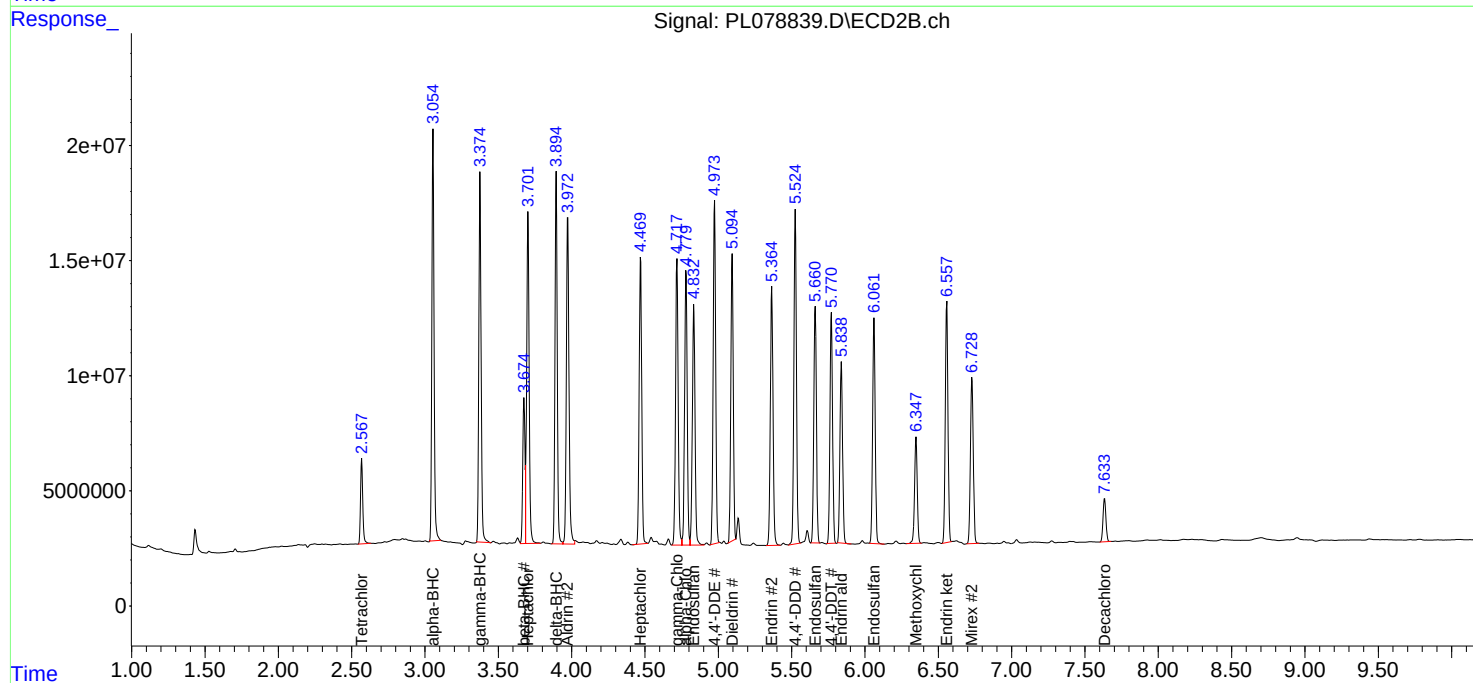
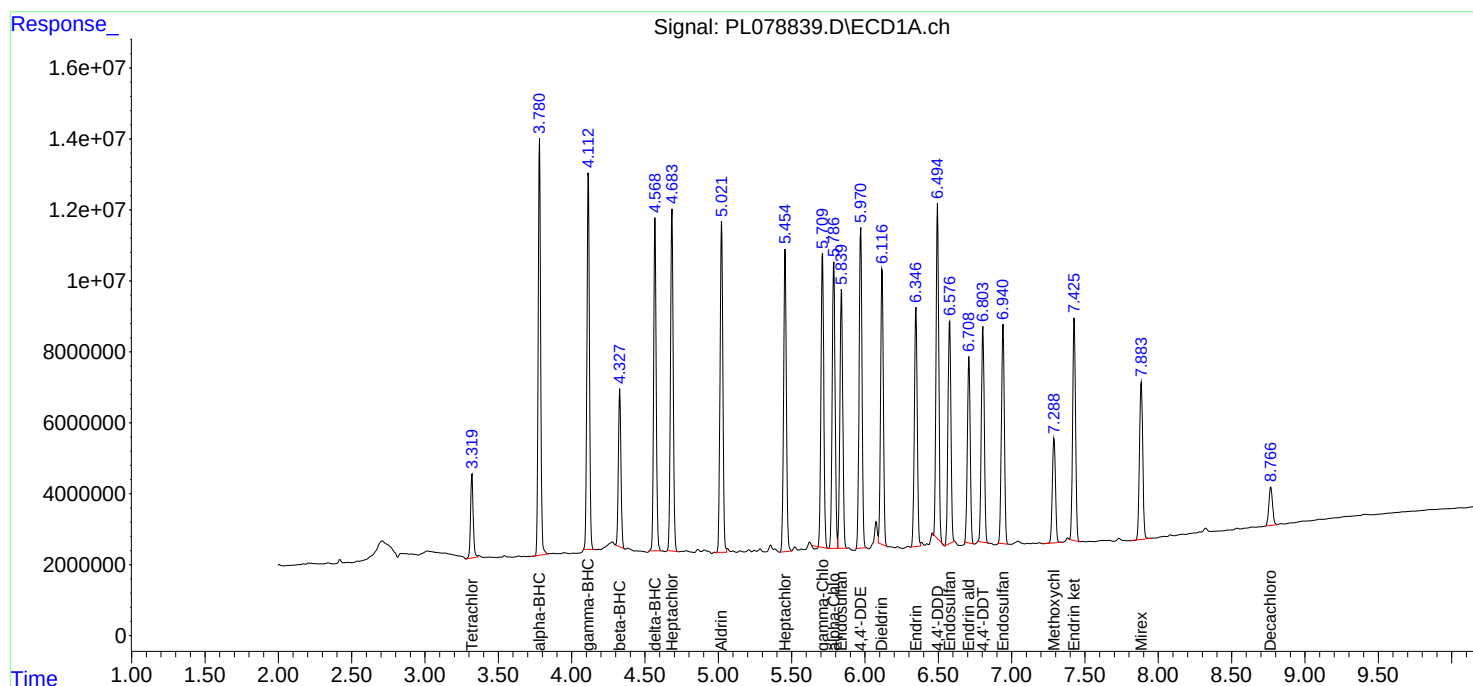
Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

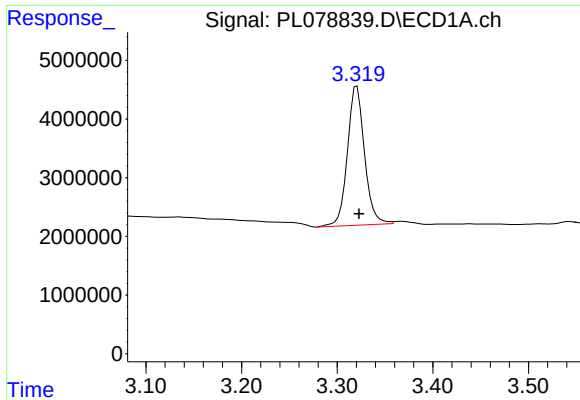
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:28:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
Response via : Initial Calibration
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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





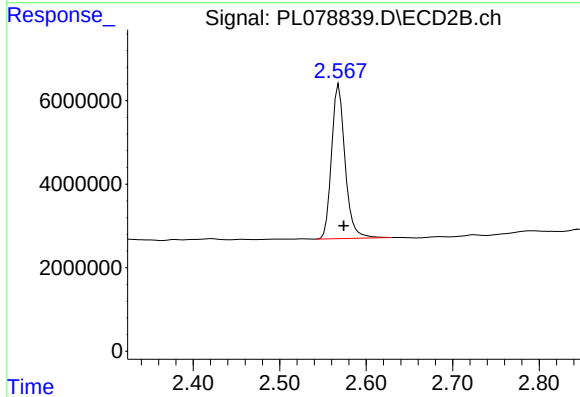
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 29582104
Conc: 15.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

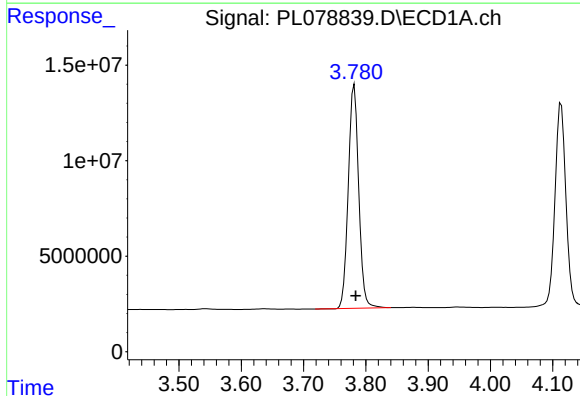
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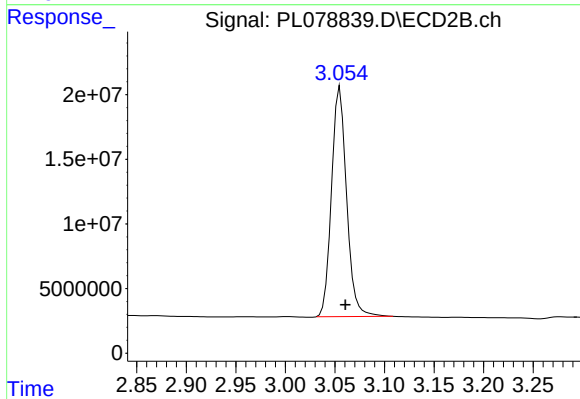
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 40025808
Conc: 15.68 ng/ml



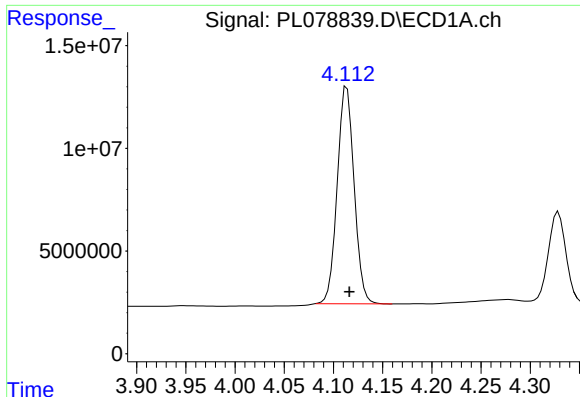
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 137542767
Conc: 47.90 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 188432392
Conc: 47.72 ng/ml



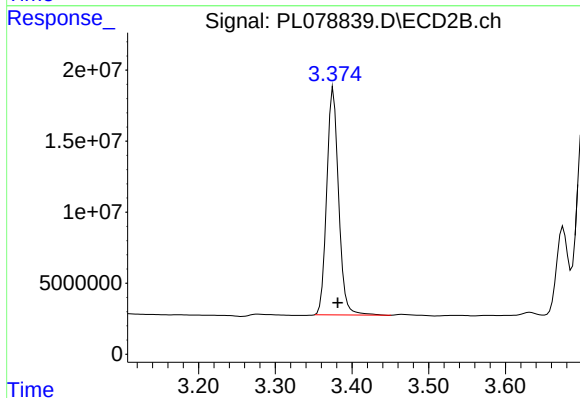
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.003 min
Response: 126650947
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

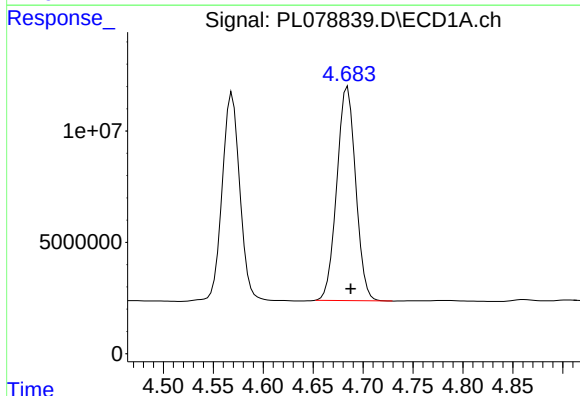
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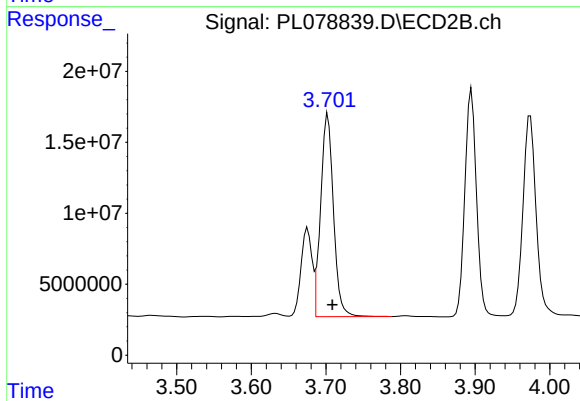
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 171643385
Conc: 47.76 ng/ml



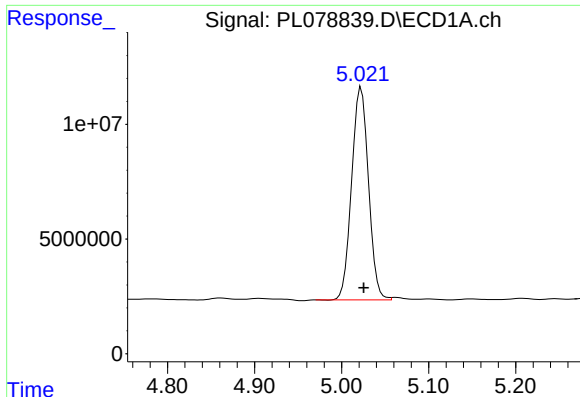
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 126181791
Conc: 48.61 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 170468285
Conc: 49.16 ng/ml



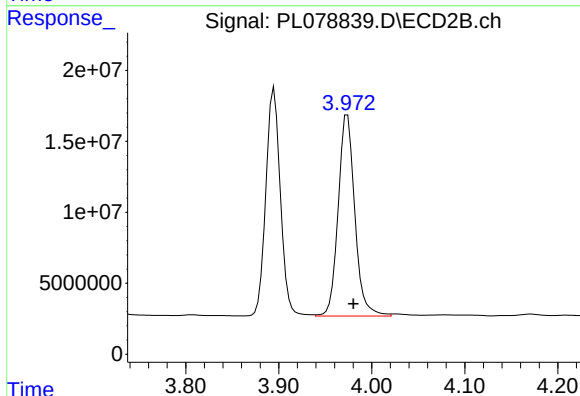
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.003 min
Response: 124817693
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

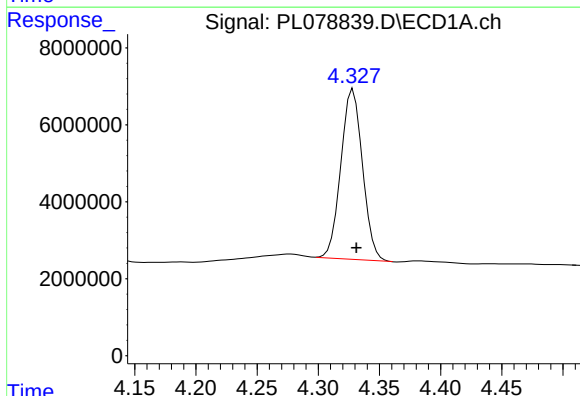
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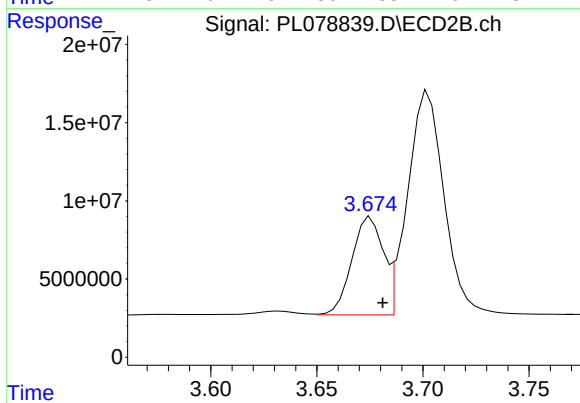
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.007 min
Response: 176576140
Conc: 50.43 ng/ml



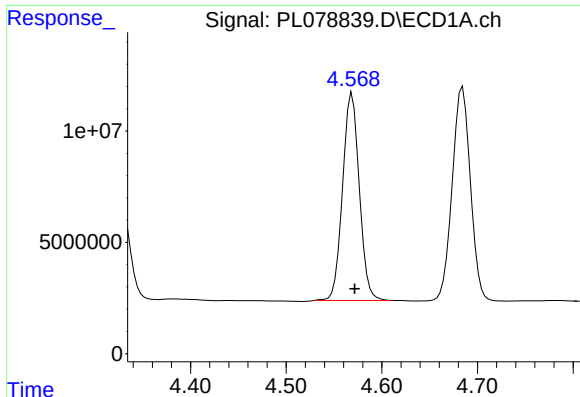
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 54378887
Conc: 47.21 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 64382609
Conc: 44.87 ng/ml



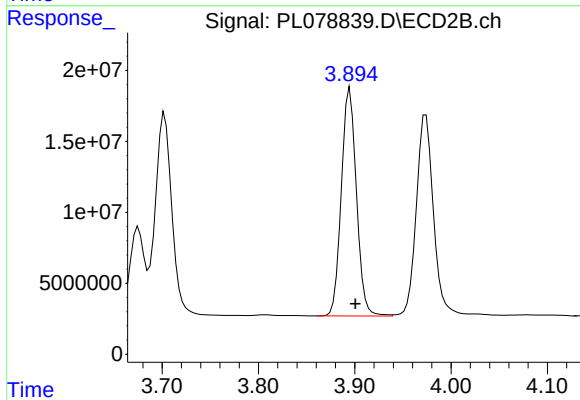
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.003 min
Response: 113618689
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

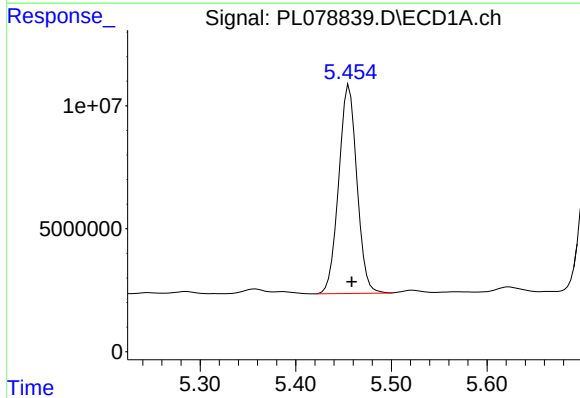
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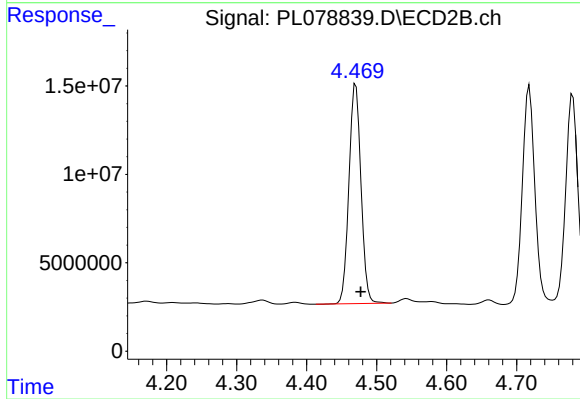
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 174613534
Conc: 47.95 ng/ml



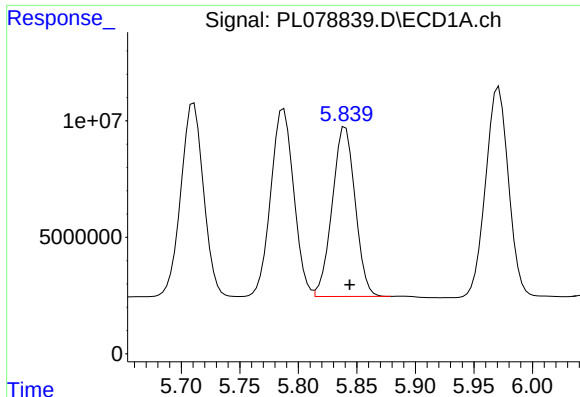
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 112338231
Conc: 52.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 148467632
Conc: 49.27 ng/ml



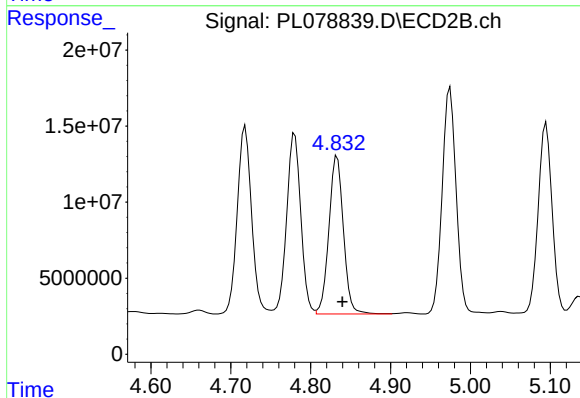
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 99195129
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

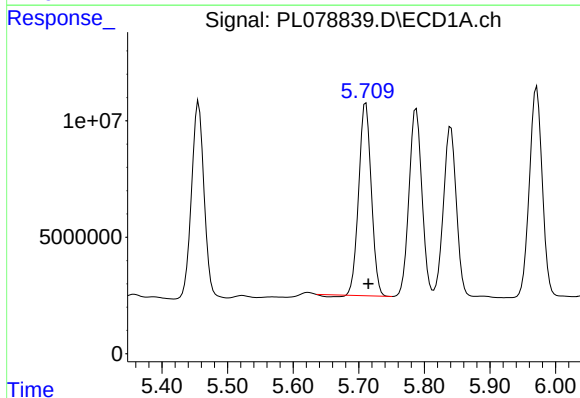
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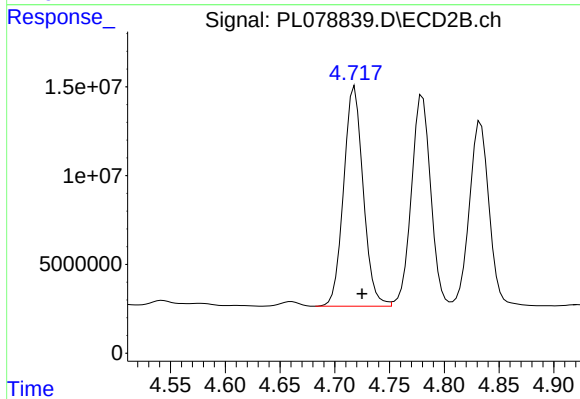
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.006 min
Response: 131176118
Conc: 45.82 ng/ml



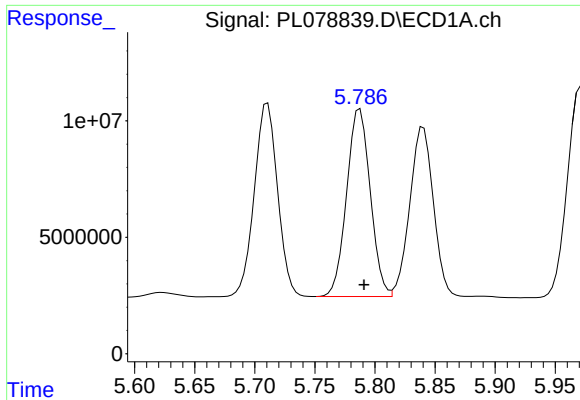
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 109228617
Conc: 48.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 153664272
Conc: 50.14 ng/ml



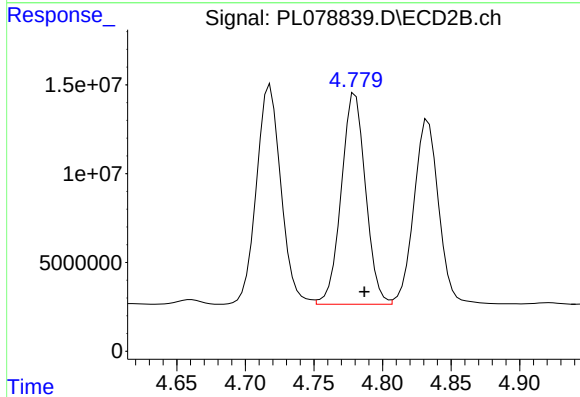
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 110406920
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

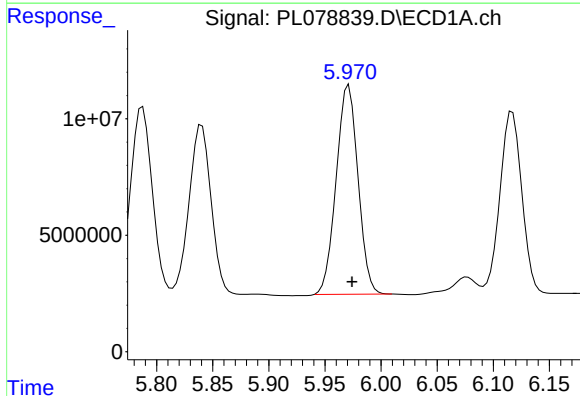
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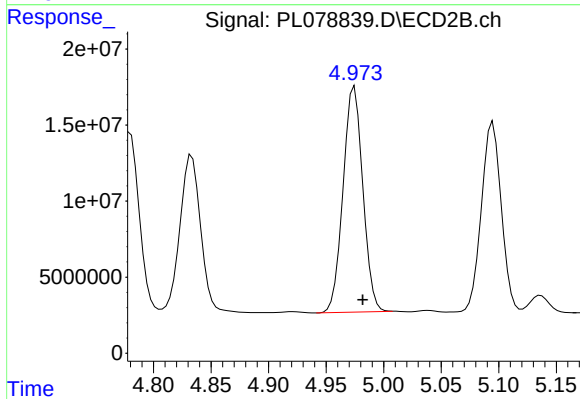
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 146533524
Conc: 49.17 ng/ml



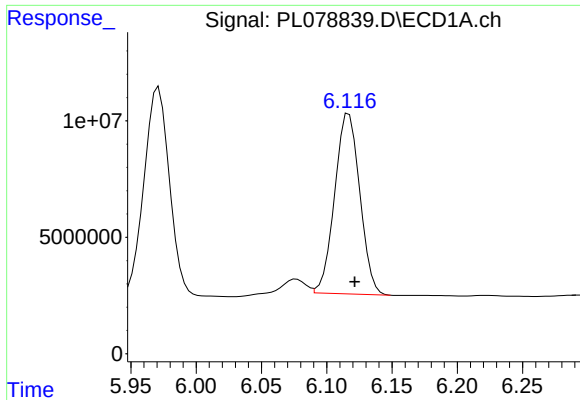
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 121595209
Conc: 60.76 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 178020327
Conc: 65.39 ng/ml m



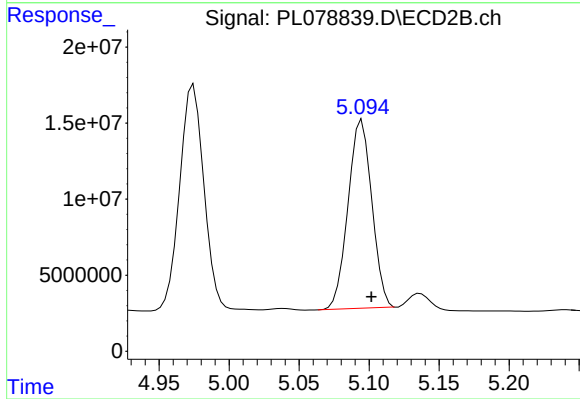
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: -0.006 min
Response: 103599265
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

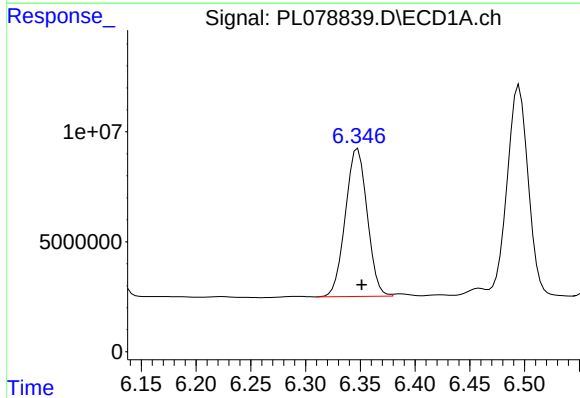
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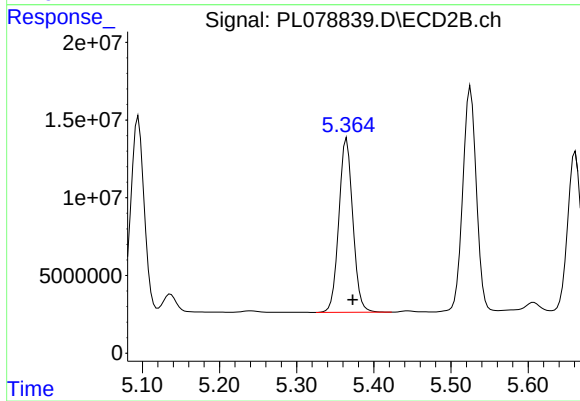
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 146651298
Conc: 49.49 ng/ml m



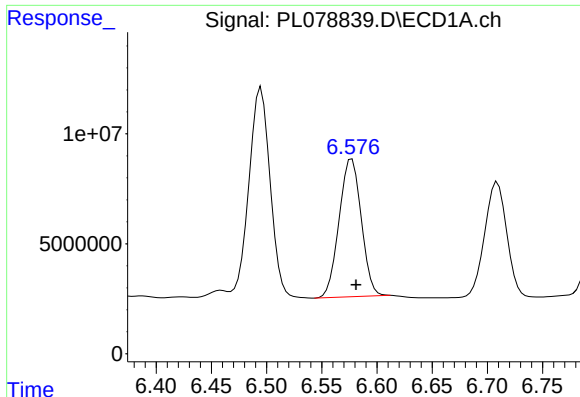
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 93262186
Conc: 49.14 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.008 min
Response: 140812698
Conc: 54.05 ng/ml



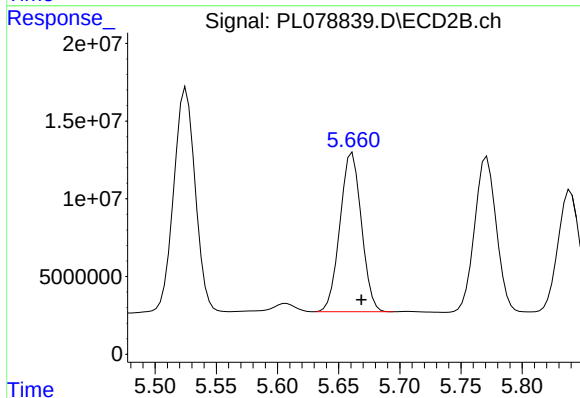
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 87234097
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

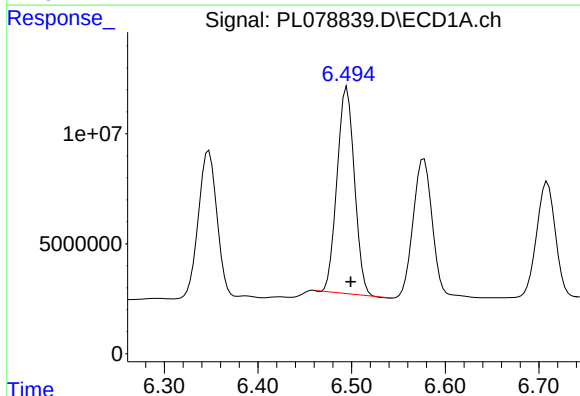
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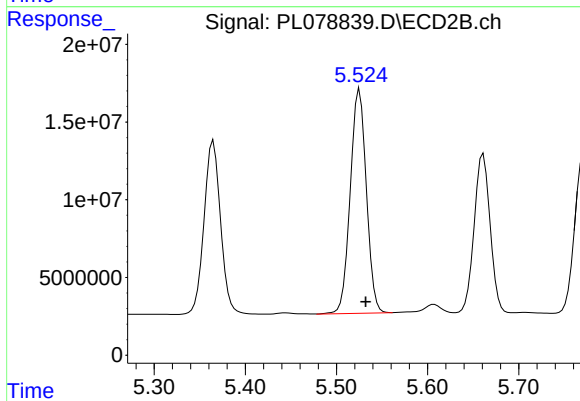
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.007 min
Response: 124728153
Conc: 54.80 ng/ml



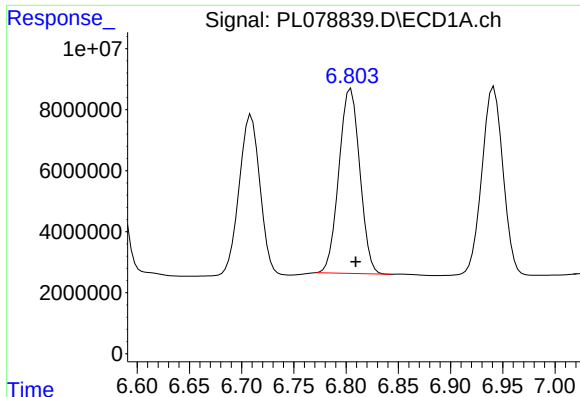
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 121182521
Conc: 72.69 ng/ml



#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 177070328
Conc: 80.62 ng/ml m



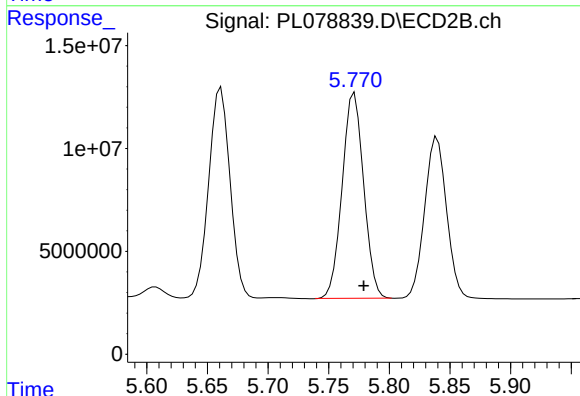
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.005 min
Response: 84313908
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

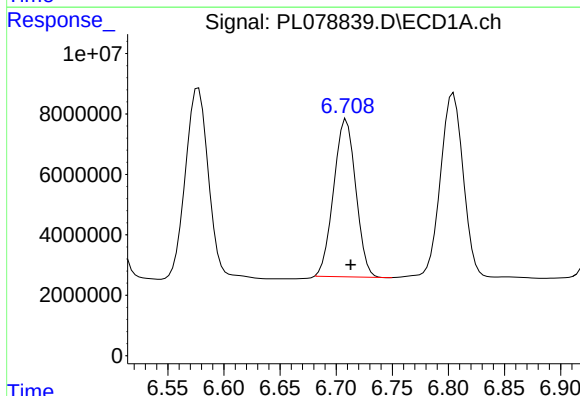
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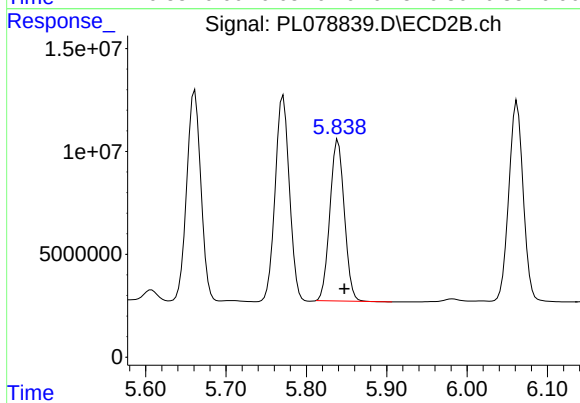
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 123048780
Conc: 56.73 ng/ml m



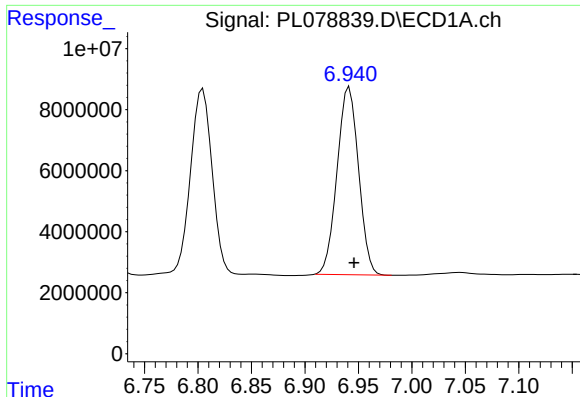
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 71325775
Conc: 49.02 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 97994480
Conc: 52.21 ng/ml



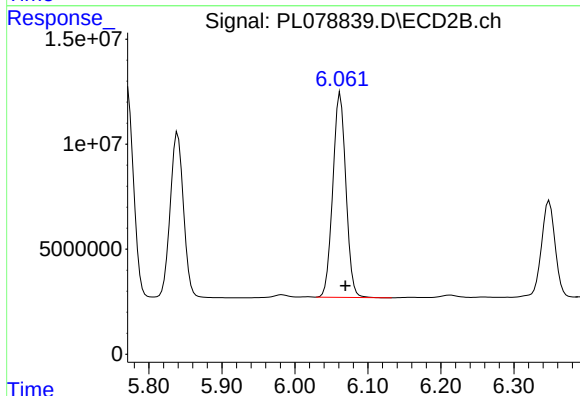
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.004 min
Response: 85964611
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

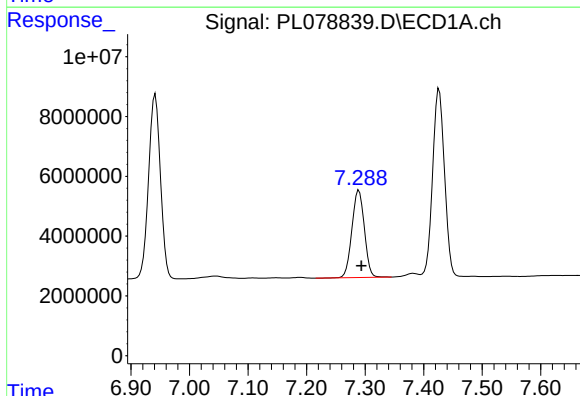
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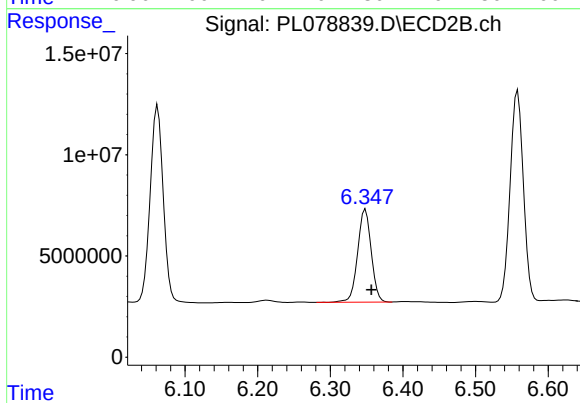
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 121248842
Conc: 50.93 ng/ml



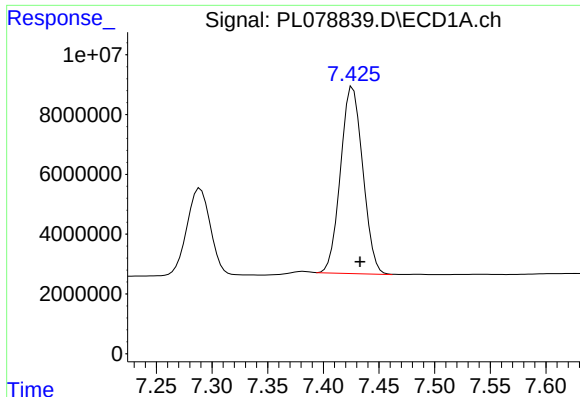
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 43038903
Conc: 46.74 ng/ml



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 59584490
Conc: 52.51 ng/ml



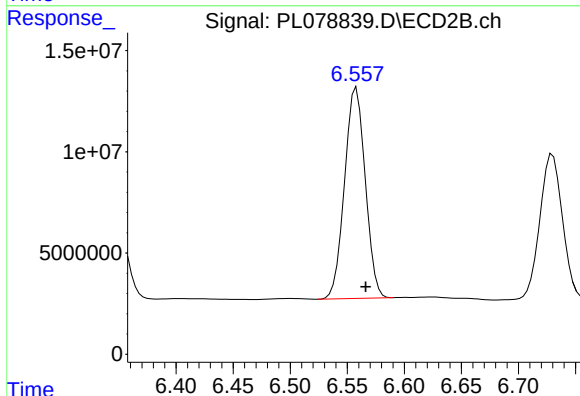
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: -0.008 min
Response: 87122039
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

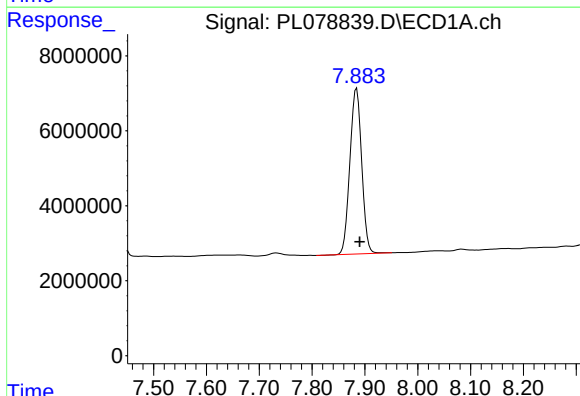
Manual Integrations
APPROVED

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



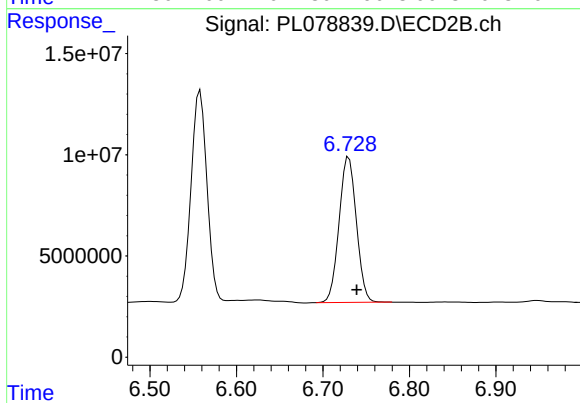
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 131581576
Conc: 50.91 ng/ml



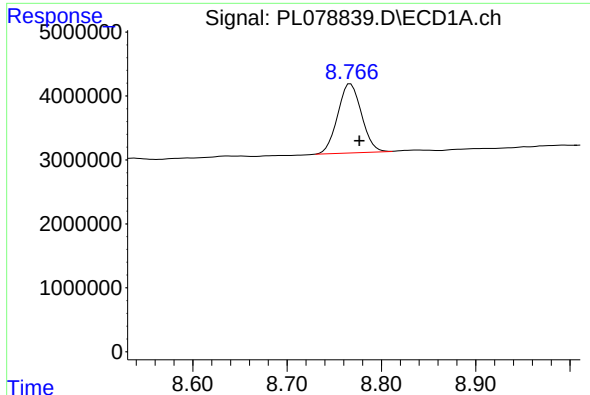
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.006 min
Response: 68617112
Conc: 47.00 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 99278054
Conc: 50.45 ng/ml



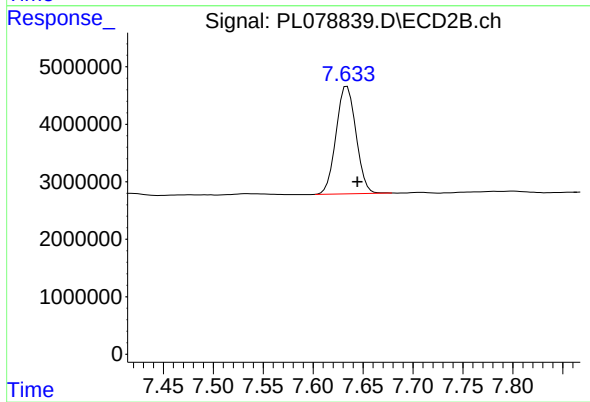
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.009 min
Response: 19024474
Conc: 12.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 26072968
Conc: 13.77 ng/ml