

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
 Data File : PL090654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2024 15:46
 Operator : AR\AJ
 Sample : P3352-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2024
 Supervised By : Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:23:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 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...	3.546	2.788	40601723	32156050	19.499m	19.107m
28) SA Decachlor...	9.061	7.933	23961804	26839270	18.032m	18.407m
Target Compounds						
2) A alpha-BHC	4.002	3.293	139.3E6	121.6E6	46.944m	50.336
3) MA gamma-BHC...	4.334	3.622	134.7E6	117.5E6	48.099m	50.934m
4) MA Heptachlor	4.923	3.964	119.2E6	112.3E6	46.819m	50.918
5) MB Aldrin	5.265	4.243	117.2E6	109.9E6	46.919m	51.646m
6) B beta-BHC	4.530	3.920	56710438	50610164	44.706m	49.031m
7) B delta-BHC	4.777	4.152	122.4E6	114.3E6	45.638m	51.972
8) B Heptachlo...	5.691	4.747	111.7E6	98559198	47.527m	50.533
9) A Endosulfan I	6.076	5.117	99555336	85499158	46.549m	46.753
10) B gamma-Chl...	5.946	4.996	105.8E6	98911491	45.518m	48.787m
11) B alpha-Chl...	6.025	5.061	103.9E6	97357652	45.279m	48.182
12) B 4,4'-DDE	6.198	5.250	107.1E6	107.8E6	52.980m	60.332
13) MA Dieldrin	6.351	5.380	115.6E6	110.0E6	52.052m	56.099m
14) MA Endrin	6.580	5.657	88270469	85644199	48.014m	49.761
15) B Endosulfa...	6.799	5.950	90311311	81069896	45.916m	47.454m
16) A 4,4'-DDD	6.715	5.803	82035473	73656131	48.593m	49.161m
17) MA 4,4'-DDT	7.029	6.056	85229394	79525882	50.633m	54.278
18) B Endrin al...	6.929	6.131	68087029	62278612	45.893m	47.667
19) B Endosulfa...	7.164	6.353	83656700	77309447	47.634m	47.944
20) A Methoxychlor	7.504	6.630	44580038	42695881	50.492m	52.806m
21) B Endrin ke...	7.649	6.858	109.1E6	85243895	57.155m	46.645m
22) Mirex	8.122	7.042	67303611	65659851	47.523m	44.168

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
Data File : PL090654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2024 15:46
Operator : AR\AJ
Sample : P3352-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

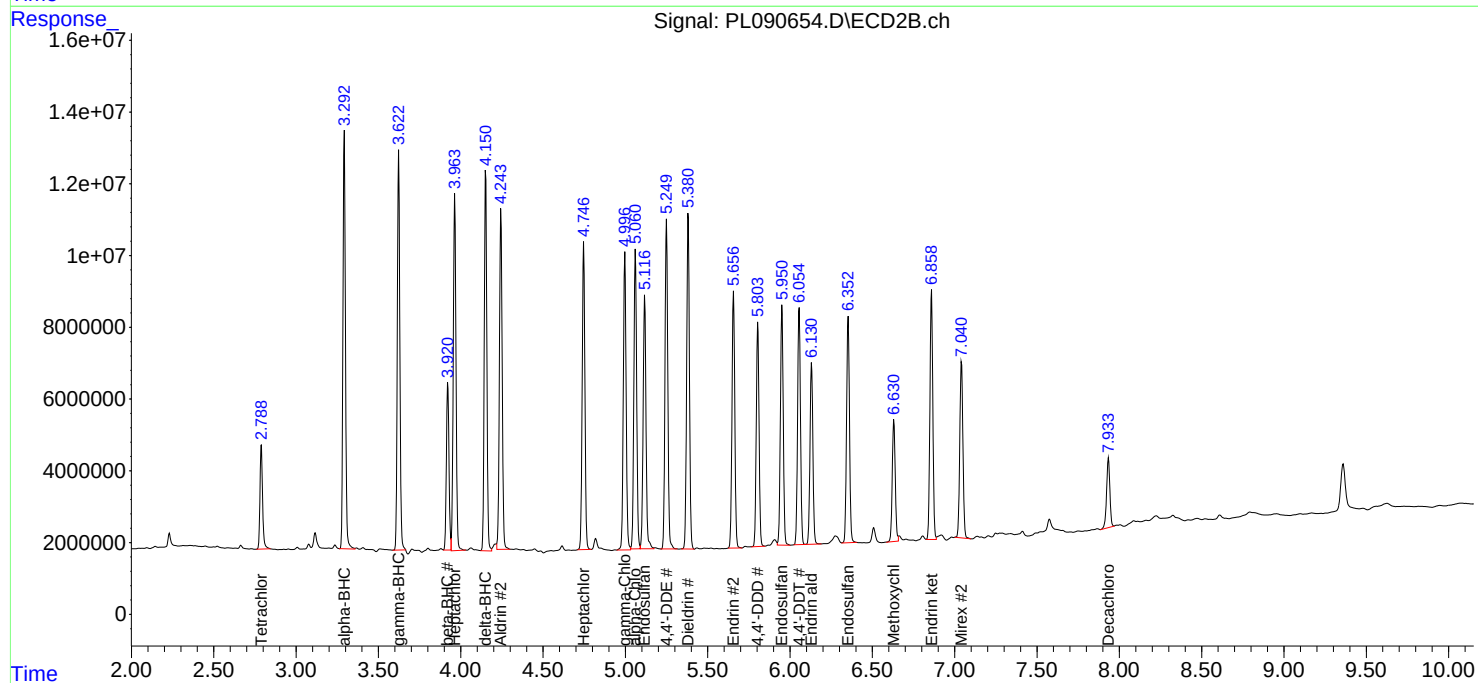
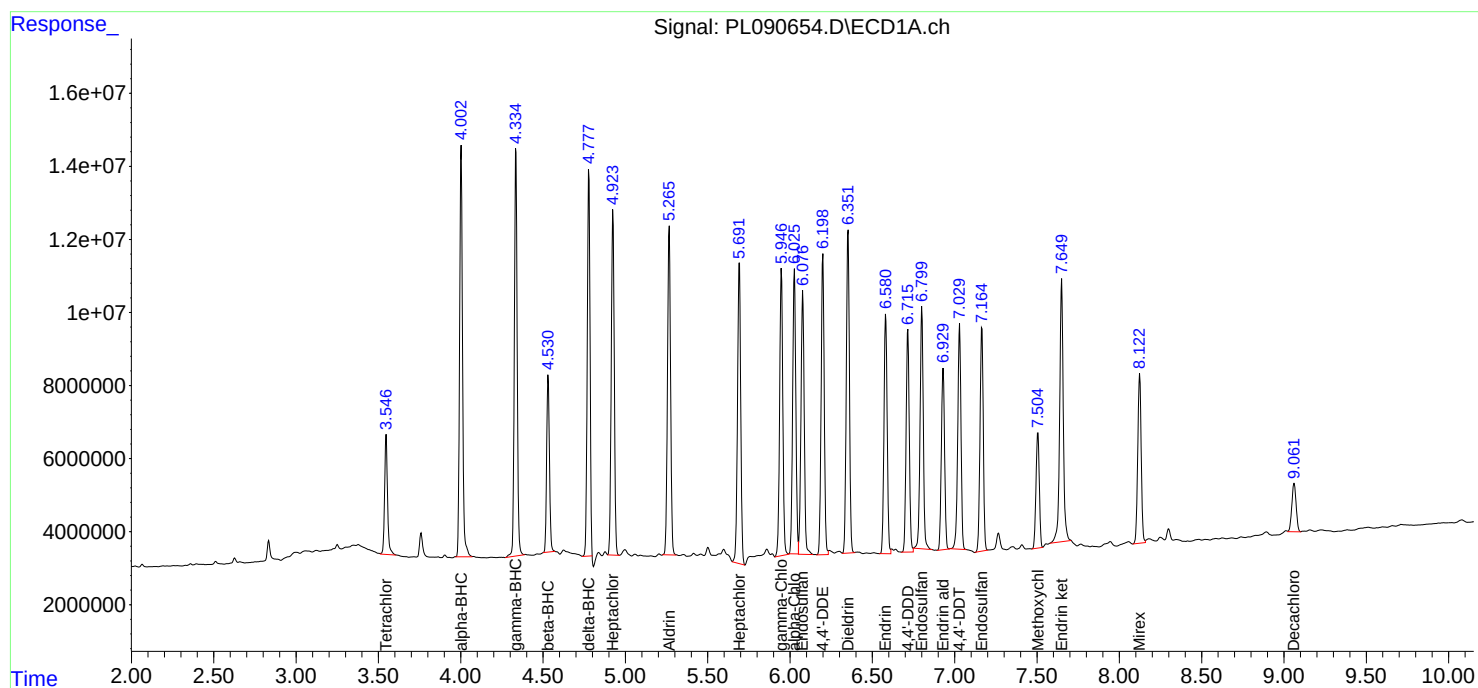
Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

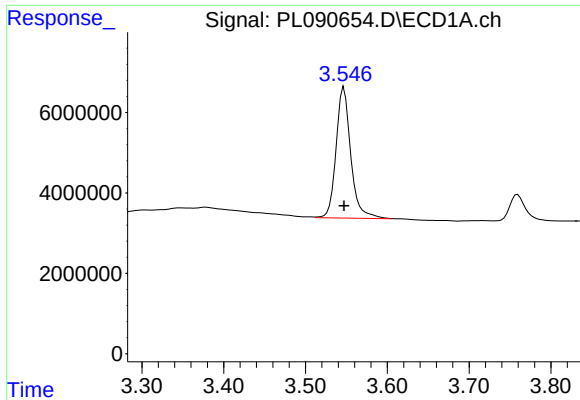
Manual Integrations
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Supervised By :Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 01:23:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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





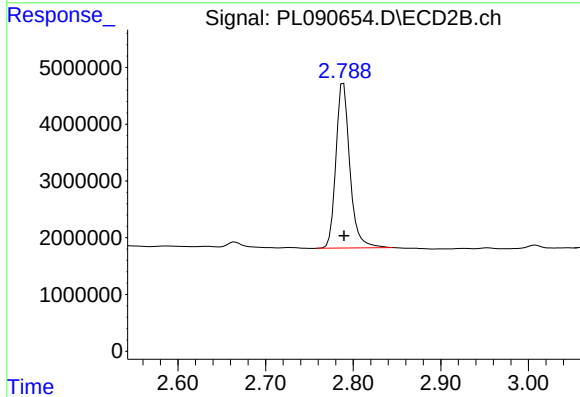
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 40601723
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

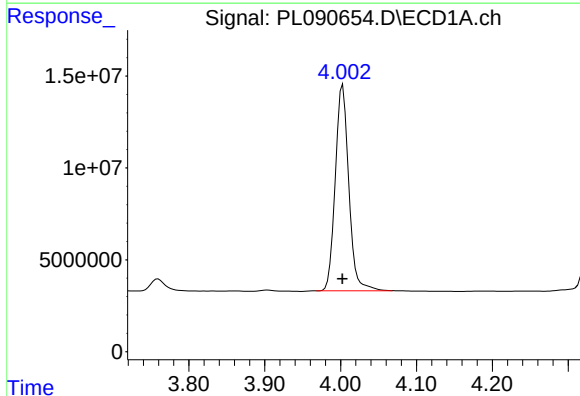
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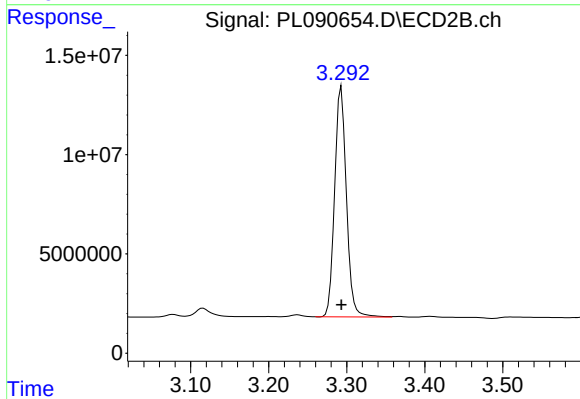
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 32156050
Conc: 19.11 ng/ml m



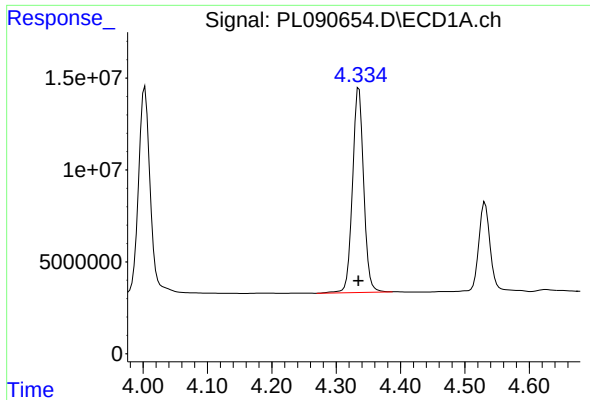
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 139300616
Conc: 46.94 ng/ml m



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 121615845
Conc: 50.34 ng/ml



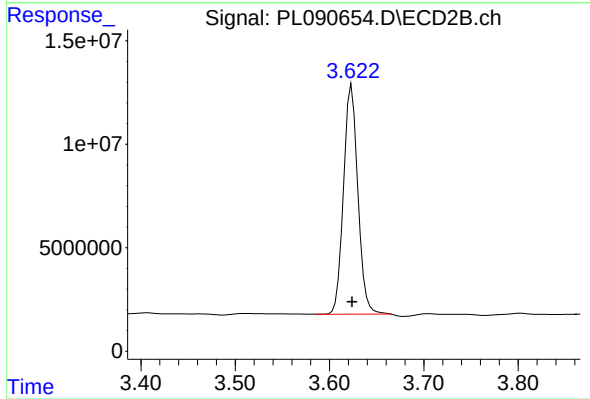
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 134698419
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

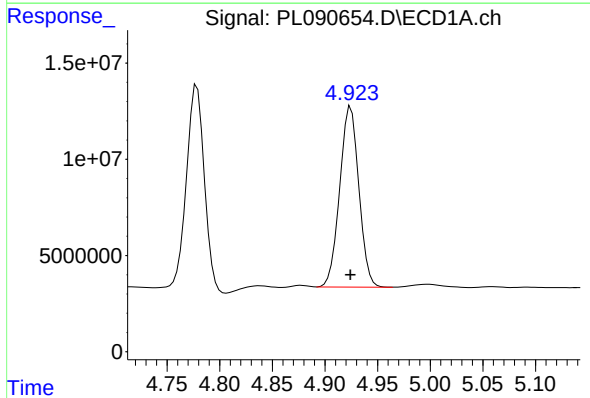
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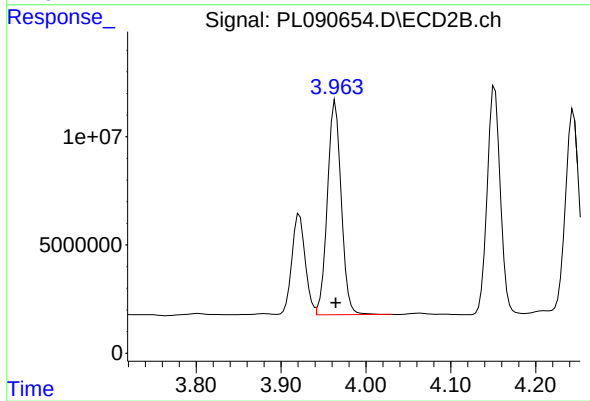
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 117451431
Conc: 50.93 ng/ml m



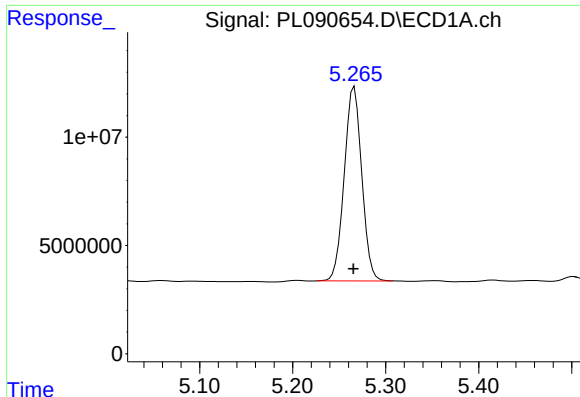
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 119157166
Conc: 46.82 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 112328179
Conc: 50.92 ng/ml



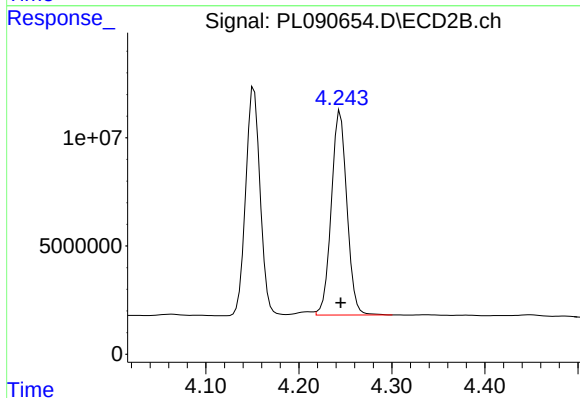
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 117223366
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

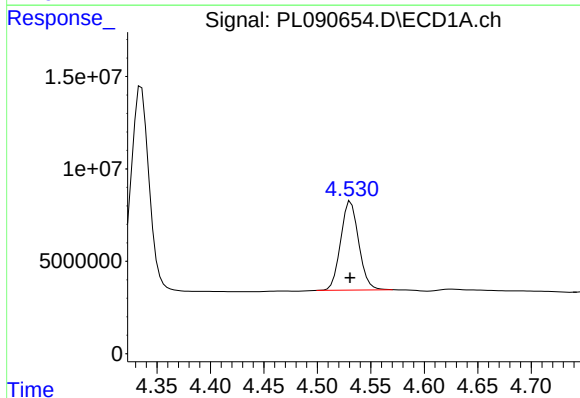
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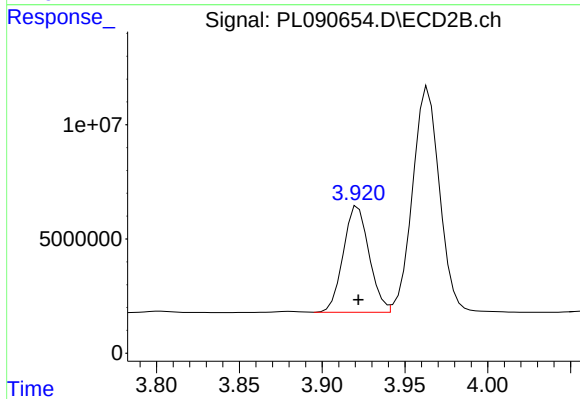
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 109876513
Conc: 51.65 ng/ml m



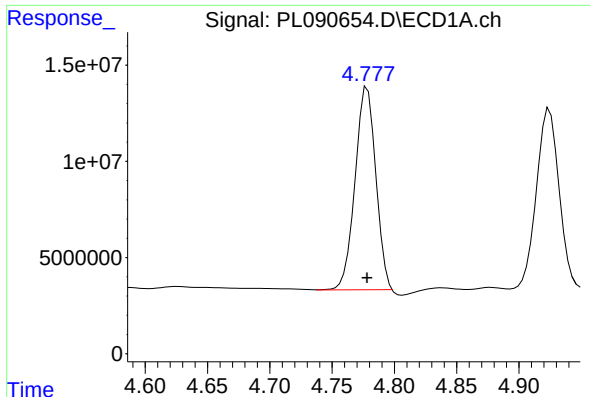
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 56710438
Conc: 44.71 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 50610164
Conc: 49.03 ng/ml m



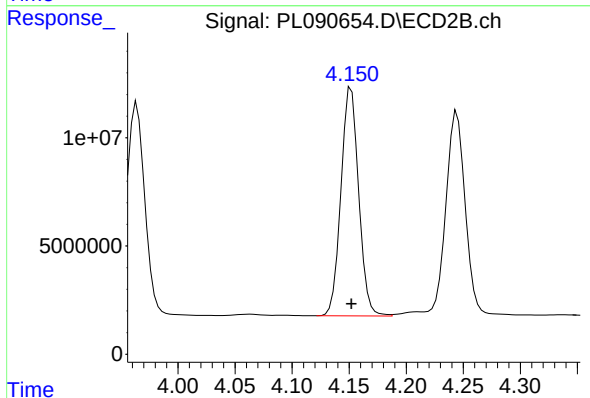
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 122357839
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

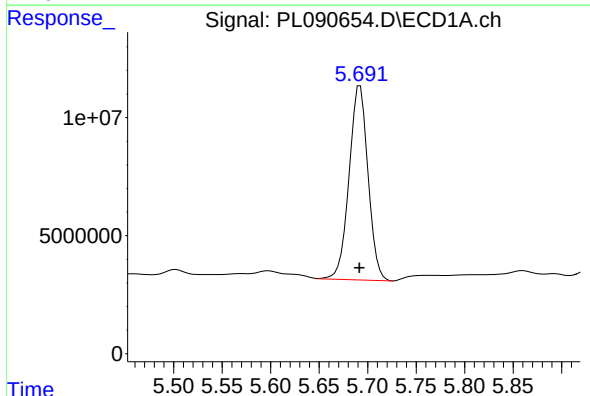
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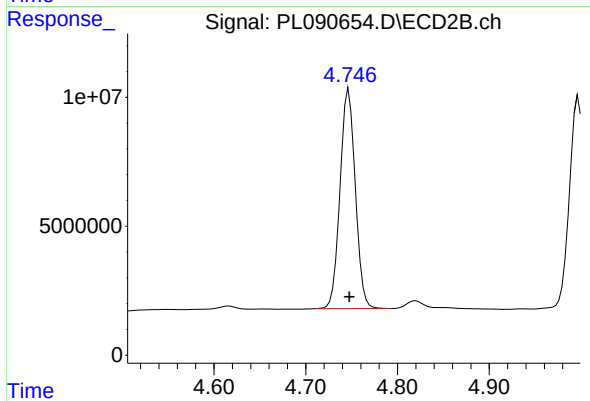
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 114325811
Conc: 51.97 ng/ml



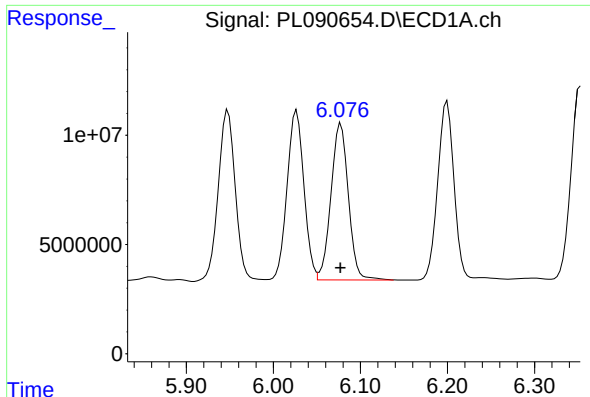
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 111706538
Conc: 47.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 98559198
Conc: 50.53 ng/ml



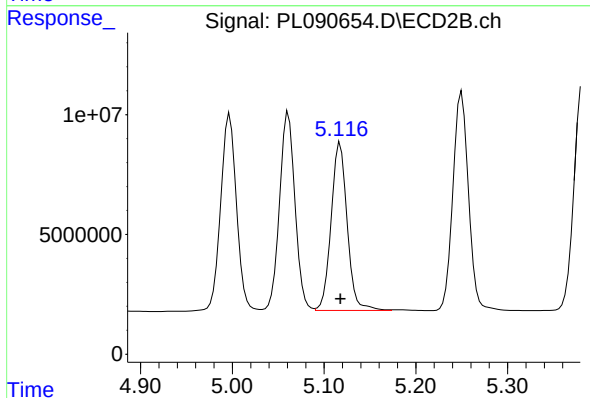
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 99555336
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

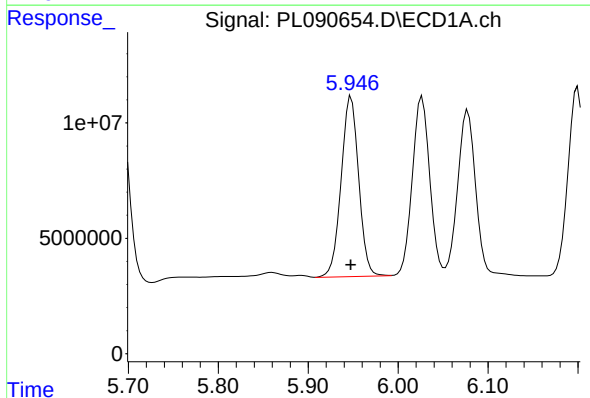
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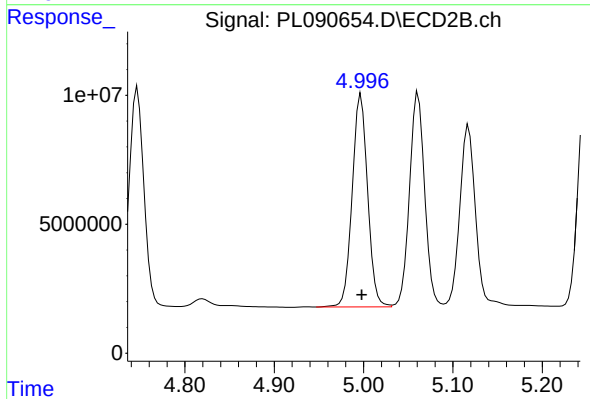
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 85499158
Conc: 46.75 ng/ml



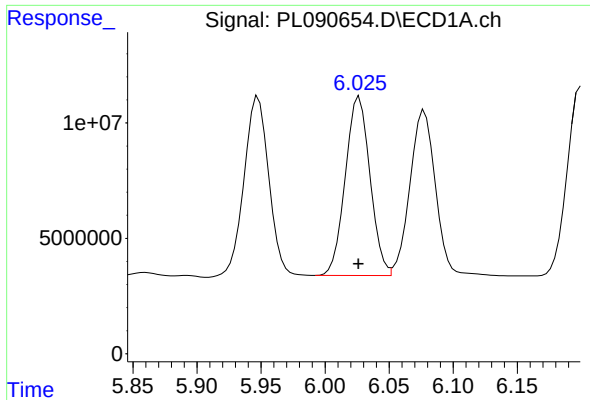
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 105831685
Conc: 45.52 ng/ml m



#10 gamma-Chlordane

R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 98911491
Conc: 48.79 ng/ml m



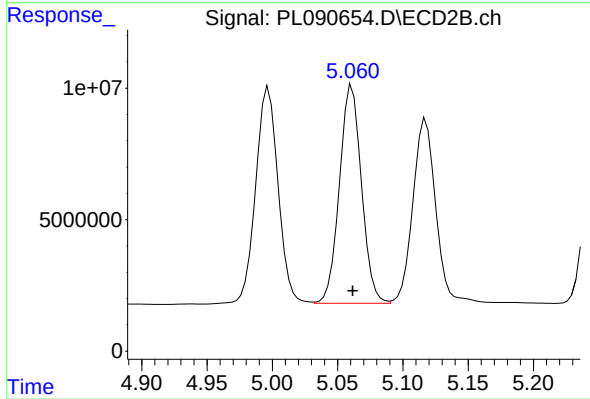
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 103946830
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

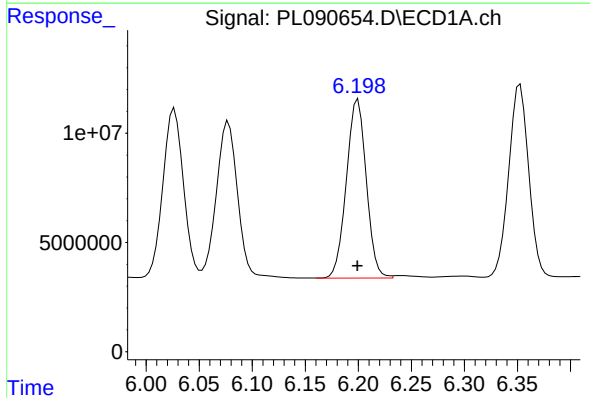
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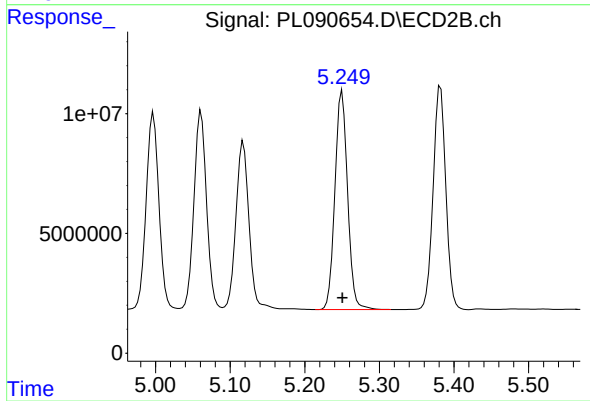
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 97357652
Conc: 48.18 ng/ml



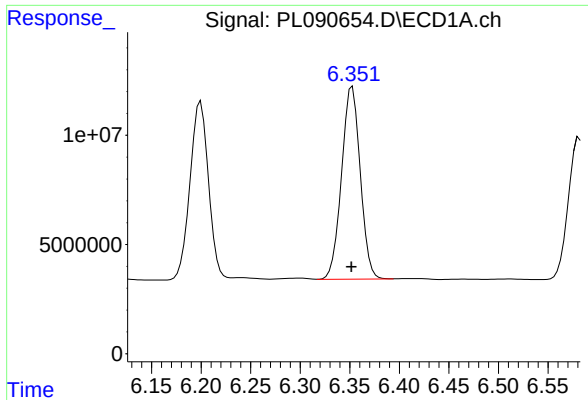
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 107126910
Conc: 52.98 ng/ml m



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 107821337
Conc: 60.33 ng/ml



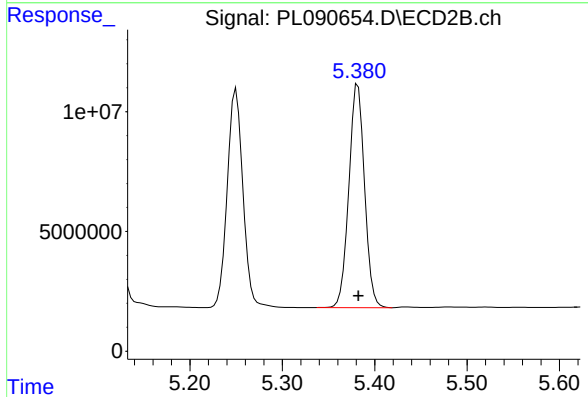
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 115648990
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

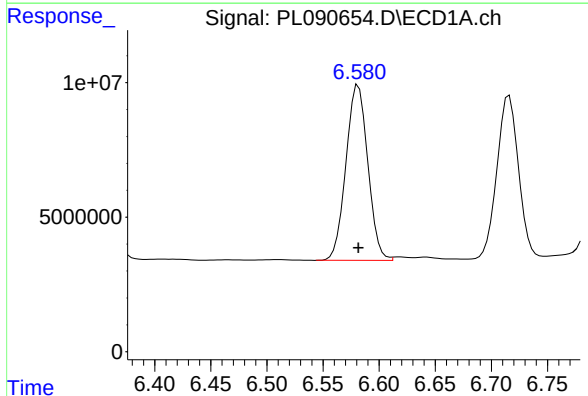
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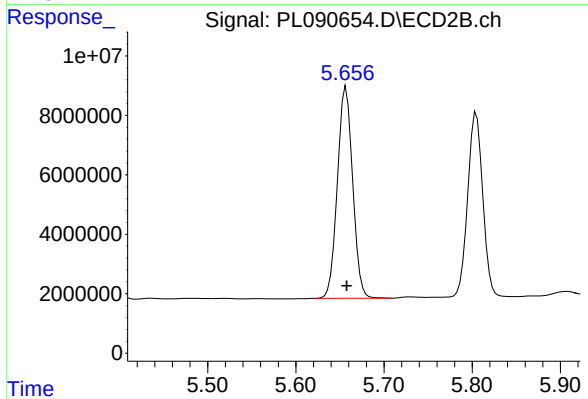
#13 Dieldrin

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 110006553
Conc: 56.10 ng/ml m



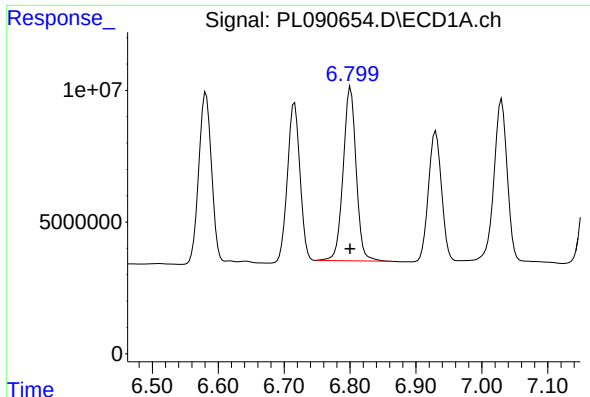
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 88270469
Conc: 48.01 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 85644199
Conc: 49.76 ng/ml



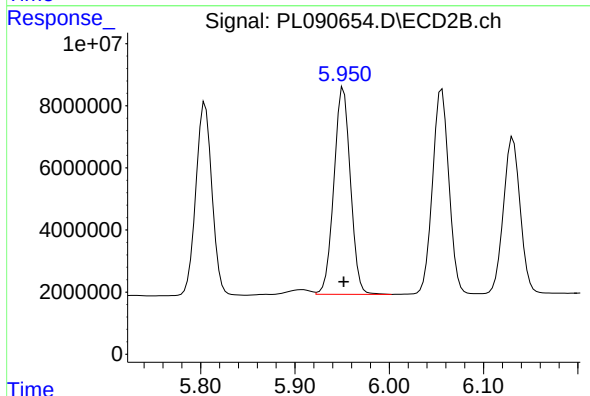
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 90311311
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

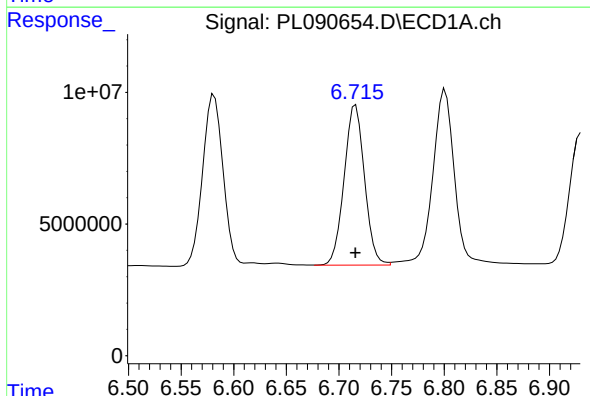
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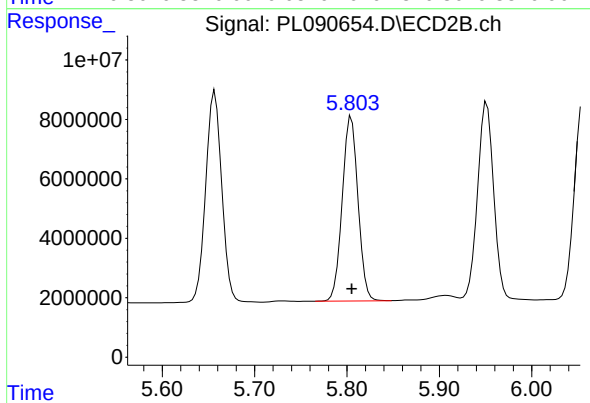
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 81069896
Conc: 47.45 ng/ml m



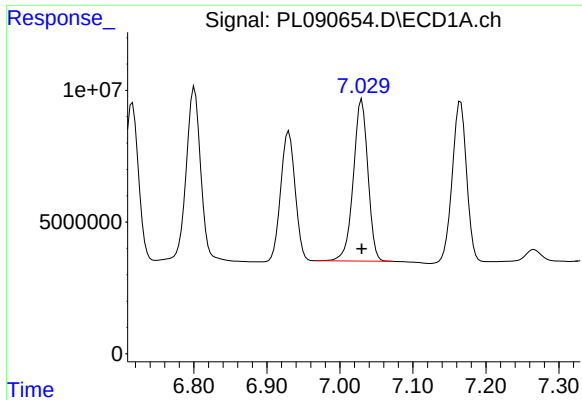
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 82035473
Conc: 48.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 73656131
Conc: 49.16 ng/ml m



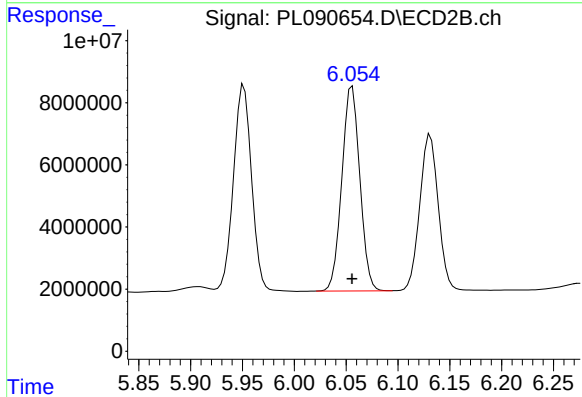
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 85229394
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

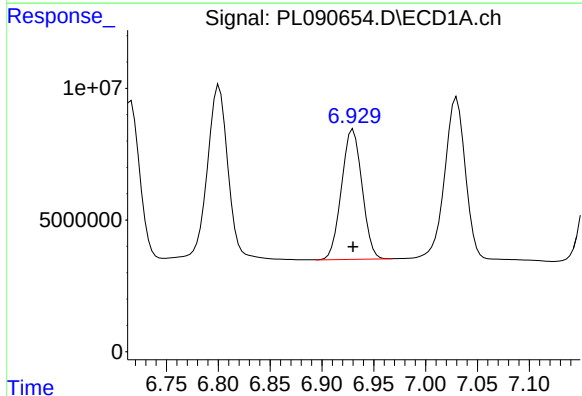
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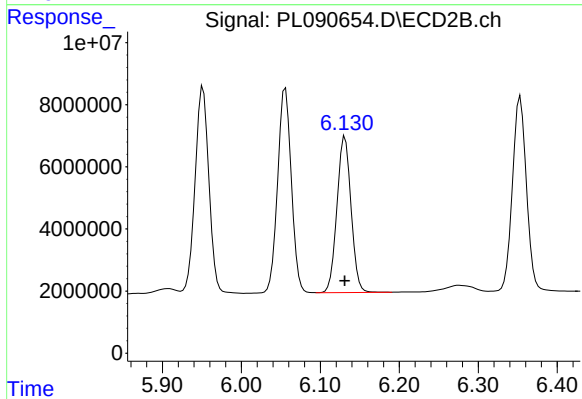
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 79525882
Conc: 54.28 ng/ml



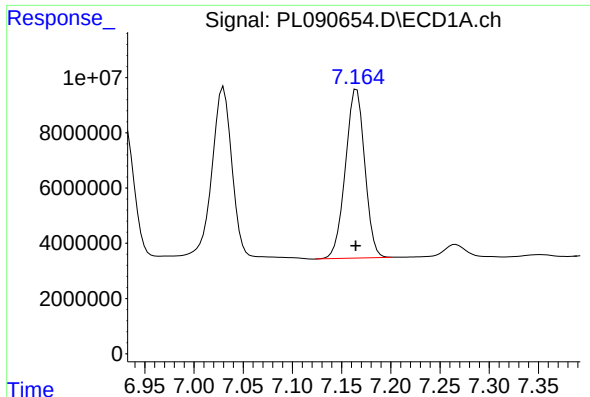
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 68087029
Conc: 45.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 62278612
Conc: 47.67 ng/ml



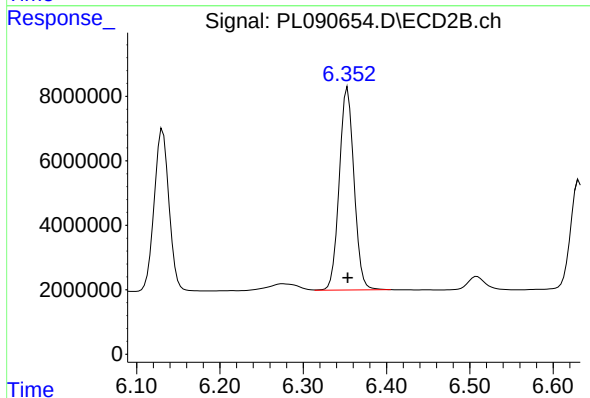
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 83656700
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

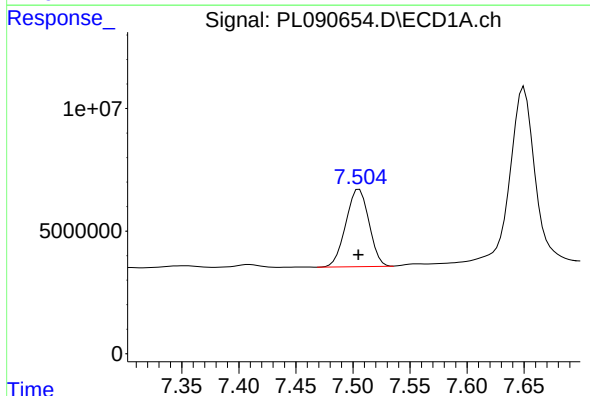
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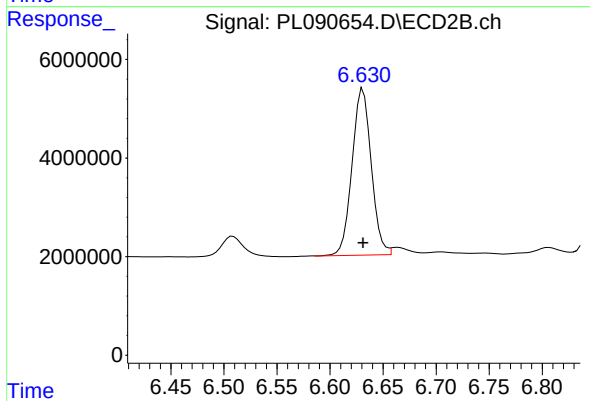
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 77309447
Conc: 47.94 ng/ml



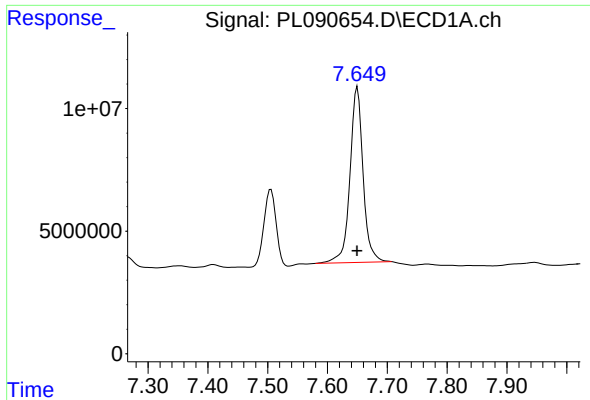
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 44580038
Conc: 50.49 ng/ml m



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 42695881
Conc: 52.81 ng/ml m



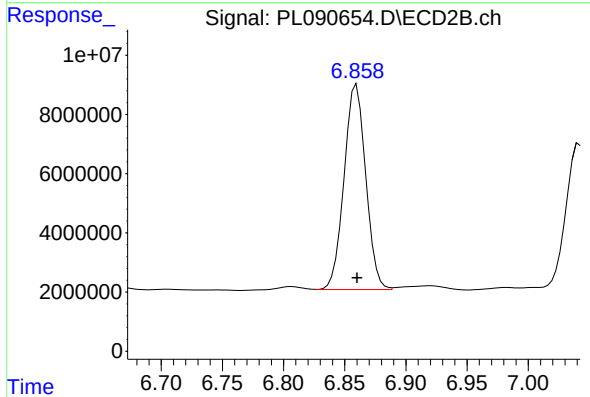
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 109108145
Conc: 57.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

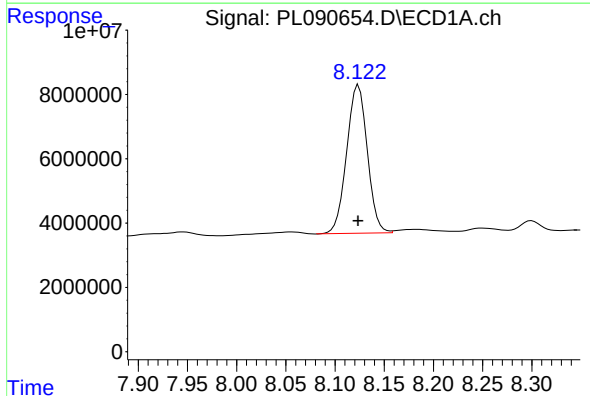
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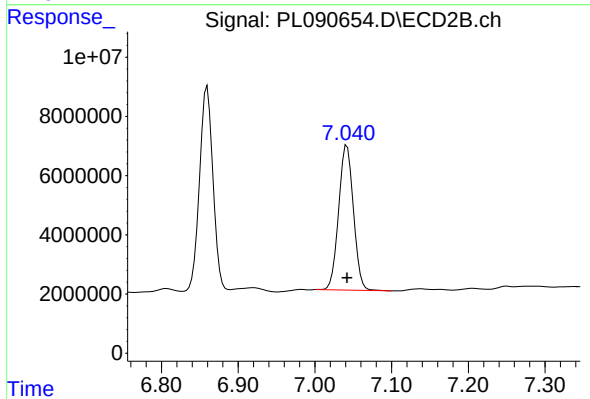
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 85243895
Conc: 46.65 ng/ml m



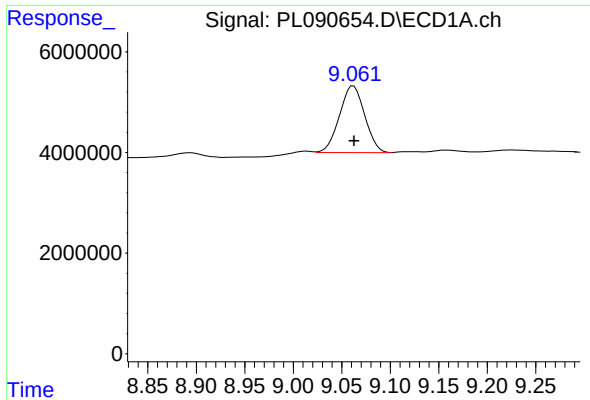
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 67303611
Conc: 47.52 ng/ml m



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 65659851
Conc: 44.17 ng/ml



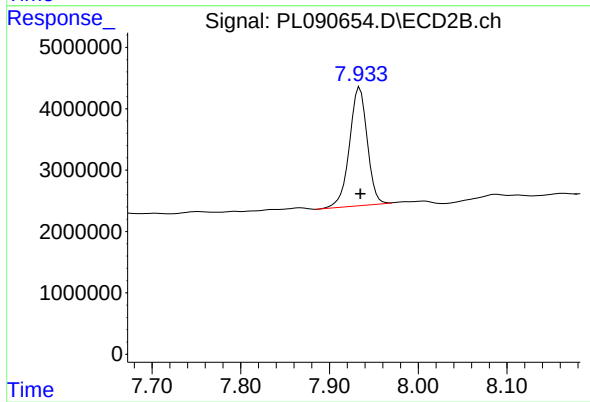
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 23961804
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.002 min
Response: 26839270
Conc: 18.41 ng/ml m