

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
 Data File : PL086468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2023 12:52
 Operator : AR\AJ
 Sample : 05047-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2023
 Supervised By : Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 20:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.355	2.618	103.4E6	15075258	32.584	15.836 #
28)	SA Decachlor...	8.861	7.772	48837140	22119292	18.465	19.284
Target Compounds							
2)	A alpha-BHC	3.814	3.118	3996.9E6	1158.8E6	846.791	892.903
3)	MA gamma-BHC...	4.146	3.445	2379.3E6	718.5E6	522.188	547.014
4)	MA Heptachlor	4.733	3.781	4091.6E6	1276.4E6	938.696	983.883
5)	MB Aldrin	5.073	4.058	2966.0E6	944.1E6	669.720	740.839
6)	B beta-BHC	4.350	3.747	666.8E6	204.1E6	338.049	355.568
7)	B delta-BHC	4.591	3.972	1952.4E6	646.7E6	447.498m	511.600
8)	B Heptachlo...	5.502	4.563	2542.9E6	853.5E6	657.481	713.871
9)	A Endosulfan I	5.886	4.930	753.4E6	247.1E6	204.947	208.211
10)	B gamma-Chl...	5.760	4.815	4268.0E6	1331.6E6	1075.645	1125.221
11)	B alpha-Chl...	5.839	4.878	2754.6E6	892.3E6	692.018	714.264
12)	B 4,4'-DDE	6.023	5.078	3032.0E6	1013.9E6	955.372	1027.367
13)	MA Dieldrin	6.163	5.196	926.6E6	308.8E6	241.005	258.572
14)	MA Endrin	6.391	5.470	1740.8E6	587.9E6	521.477	533.560
15)	B Endosulfa...	6.615	5.768	778.5E6	267.5E6	241.740	248.154
16)	A 4,4'-DDD	6.542	5.634	1863.6E6	662.1E6	785.744	812.958
17)	MA 4,4'-DDT	6.856	5.884	690.6E6	258.5E6	264.698	274.183
18)	B Endrin al...	6.746	5.950	561.8E6	206.7E6	230.800	245.091
19)	B Endosulfa...	6.981	6.174	270.3E6	93123855	87.532	88.329
20)	A Methoxychlor	7.342	6.469	44414953	19524361	32.022	33.413
21)	B Endrin ke...	7.463	6.676	1782.2E6	698.2E6	558.438	559.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 12:52
Operator : AR\AJ
Sample : 05047-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

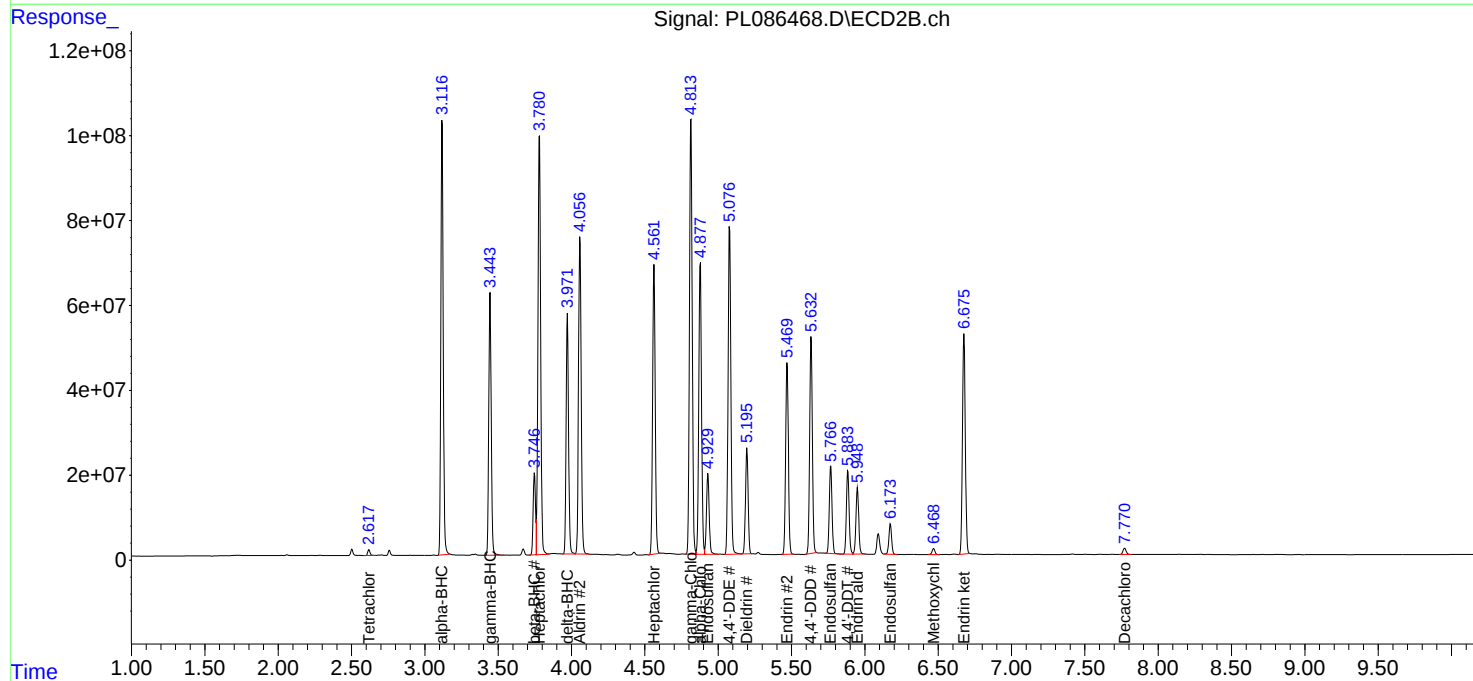
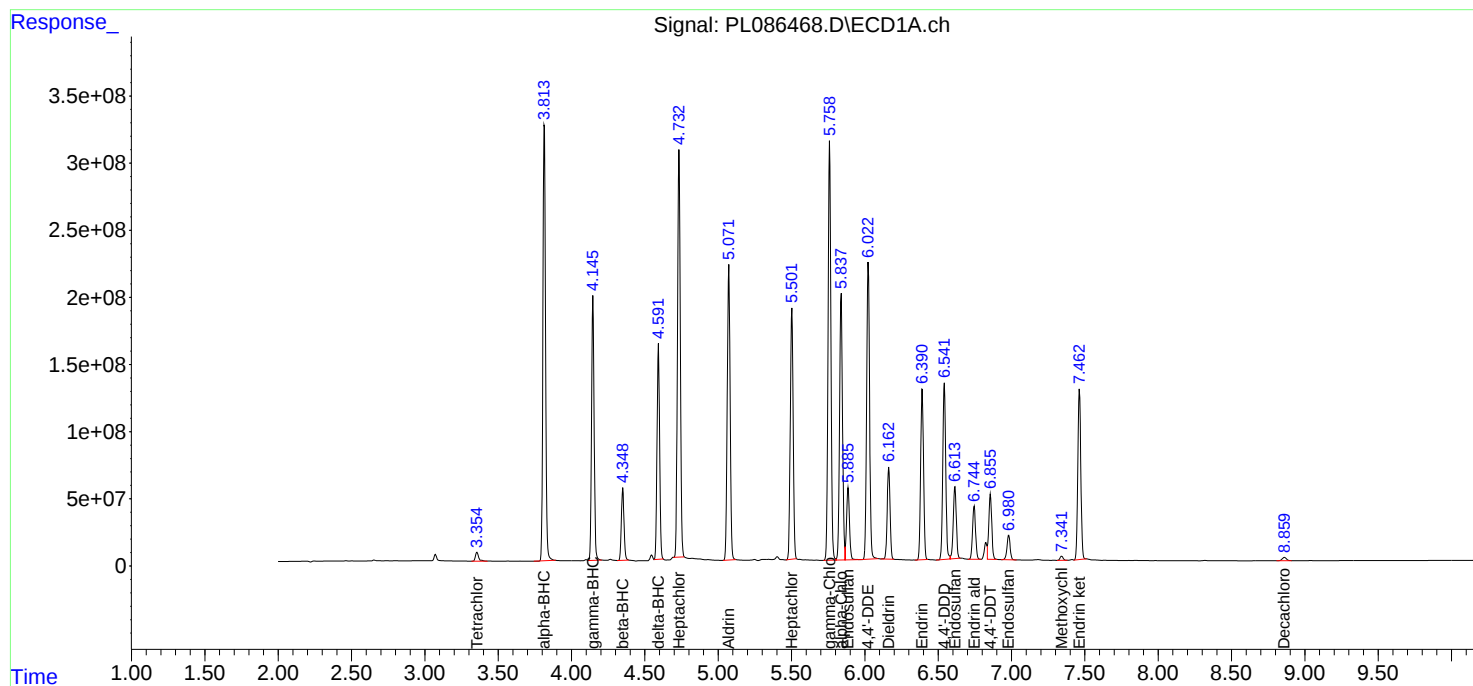
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

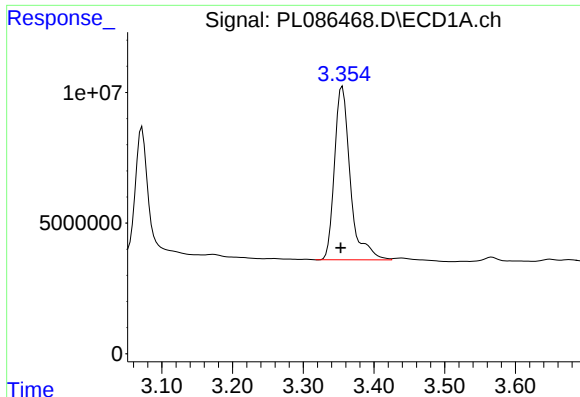
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:25:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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Volume Inj. : 1 µl
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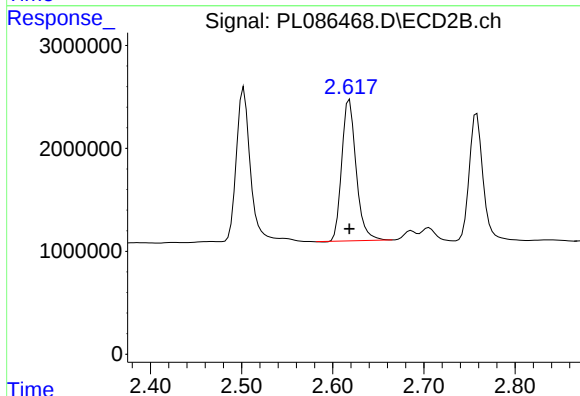
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: 0.002 min
Response: 103406853
Conc: 32.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

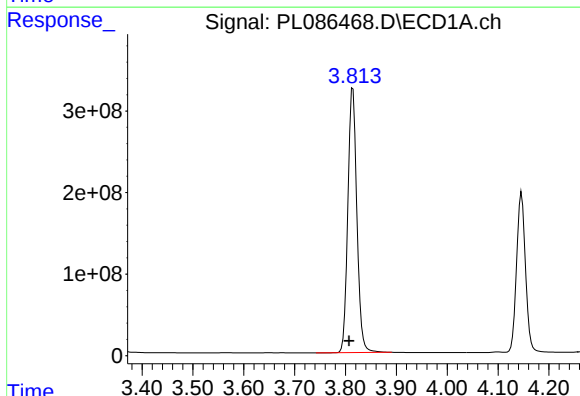
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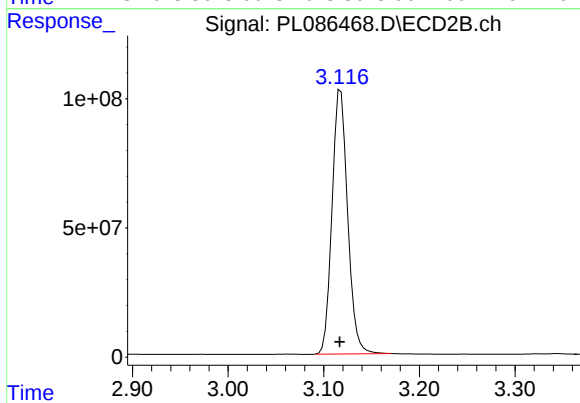
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 15075258
Conc: 15.84 ng/ml



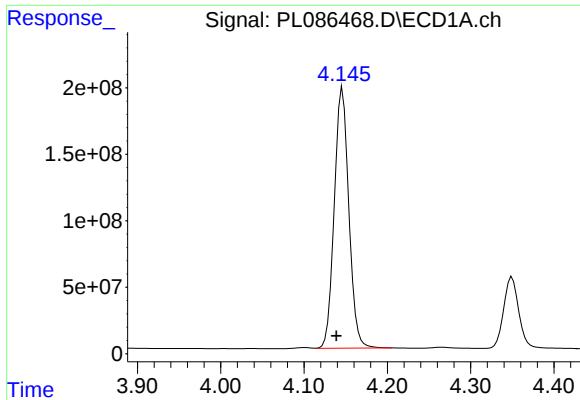
#2 alpha-BHC

R.T.: 3.814 min
Delta R.T.: 0.008 min
Response: 3996908010
Conc: 846.79 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: 0.000 min
Response: 1158764014
Conc: 892.90 ng/ml



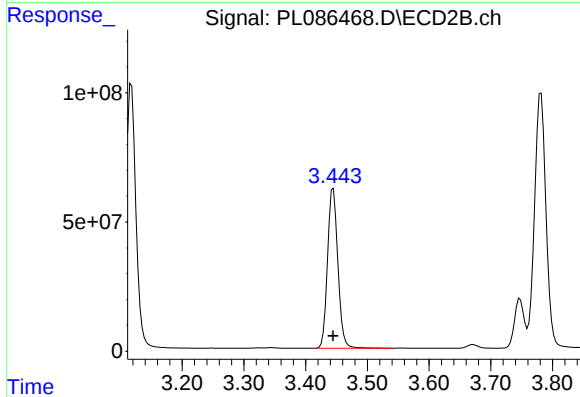
#3 gamma-BHC (Lindane)

R.T.: 4.146 min
Delta R.T.: 0.008 min
Response: 2379339144
Conc: 522.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

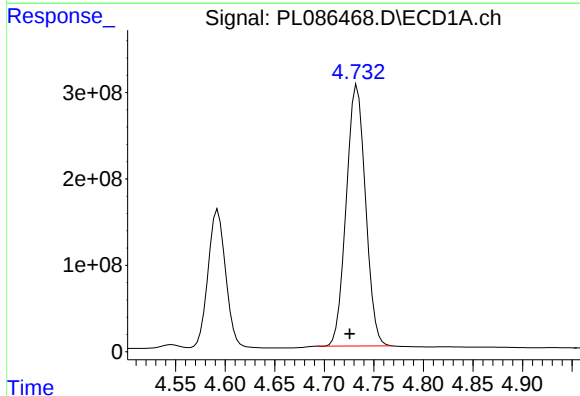
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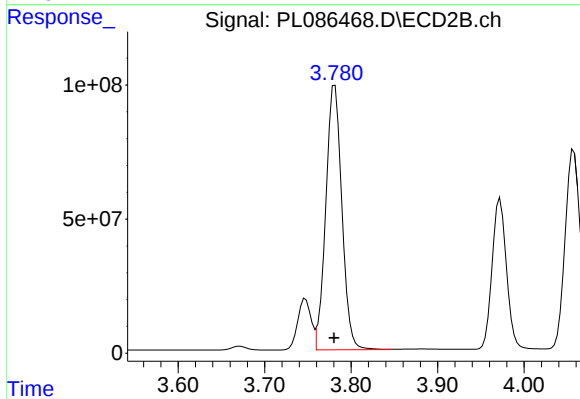
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 718537074
Conc: 547.01 ng/ml



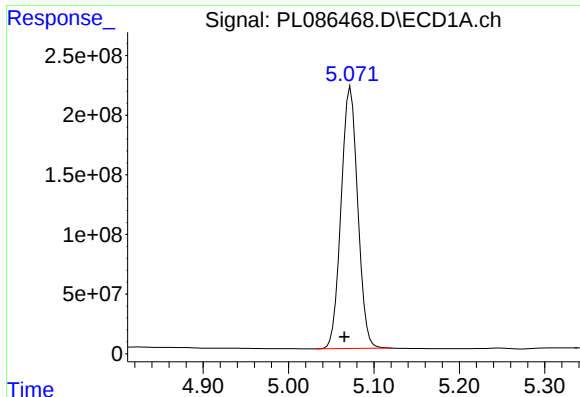
#4 Heptachlor

R.T.: 4.733 min
Delta R.T.: 0.008 min
Response: 4091569308
Conc: 938.70 ng/ml



#4 Heptachlor

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 1276377719
Conc: 983.88 ng/ml



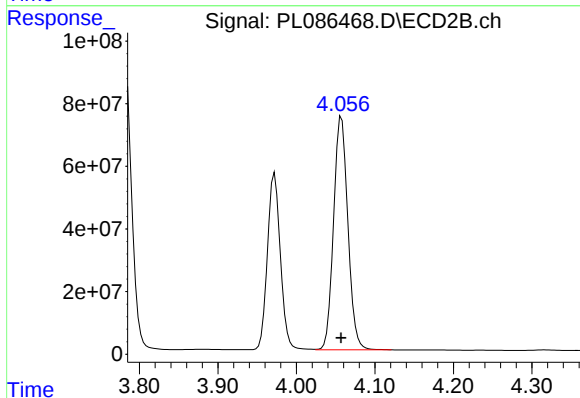
#5 Aldrin

R.T.: 5.073 min
Delta R.T.: 0.007 min
Response: 2965956829
Conc: 669.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

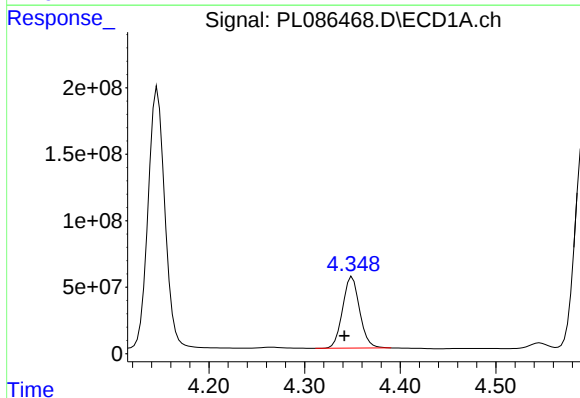
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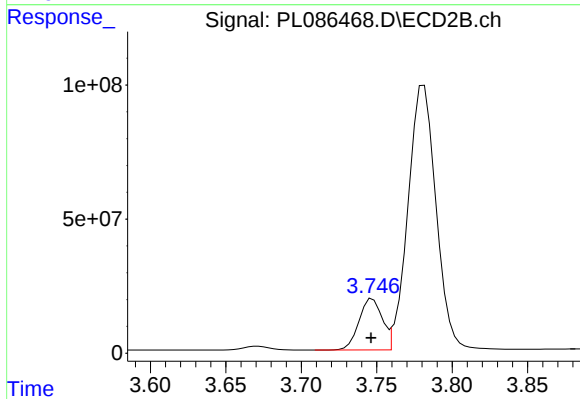
#5 Aldrin

R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 944082040
Conc: 740.84 ng/ml



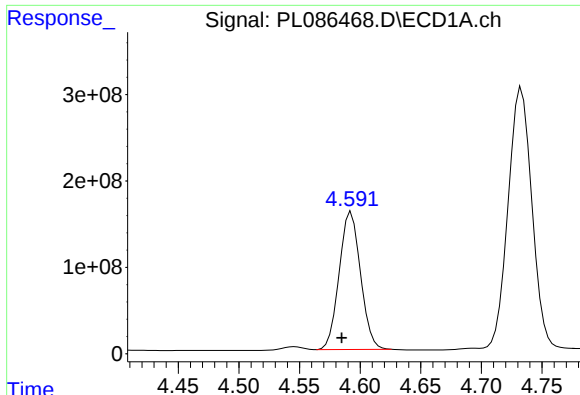
#6 beta-BHC

R.T.: 4.350 min
Delta R.T.: 0.008 min
Response: 666755904
Conc: 338.05 ng/ml



#6 beta-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 204068797
Conc: 355.57 ng/ml



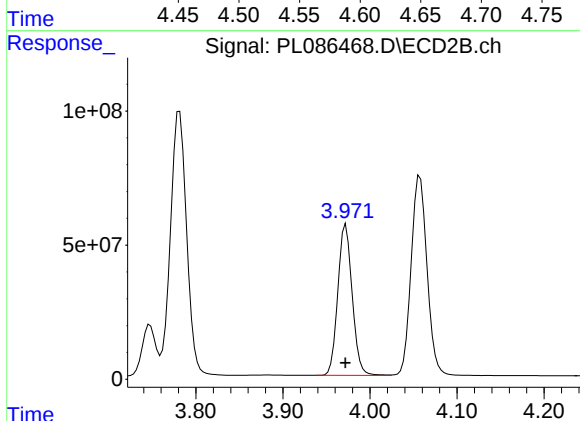
#7 delta-BHC

R.T.: 4.591 min
Delta R.T.: 0.006 min
Response: 1952409211
Conc: 447.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

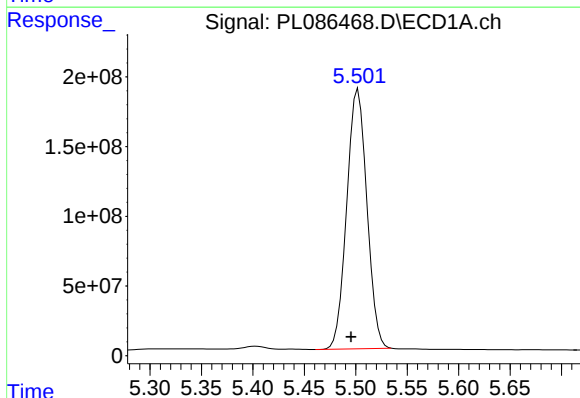
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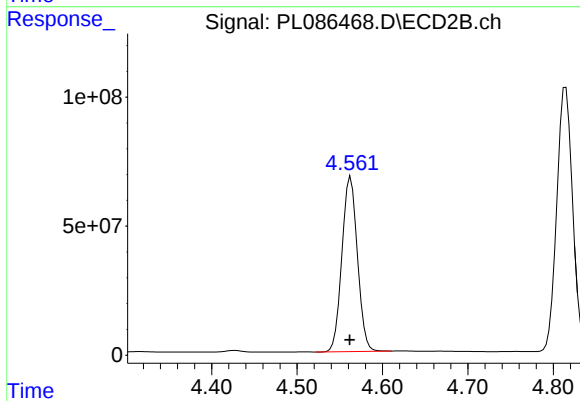
#7 delta-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 646684529
Conc: 511.60 ng/ml



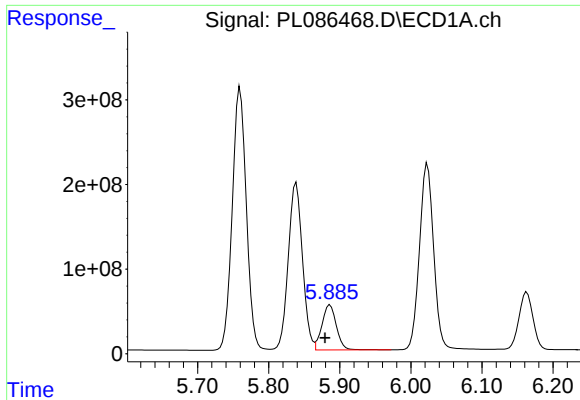
#8 Heptachlor epoxide

R.T.: 5.502 min
Delta R.T.: 0.007 min
Response: 2542901325
Conc: 657.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: 0.001 min
Response: 853454911
Conc: 713.87 ng/ml



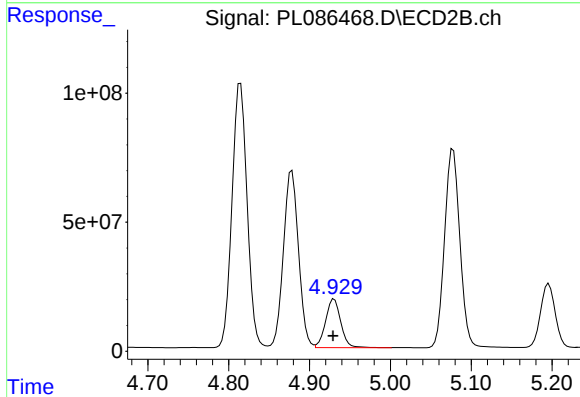
#9 Endosulfan I

R.T.: 5.886 min
Delta R.T.: 0.007 min
Response: 753359164
Conc: 204.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

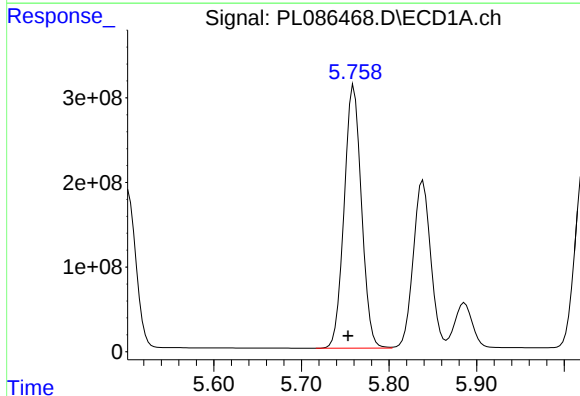
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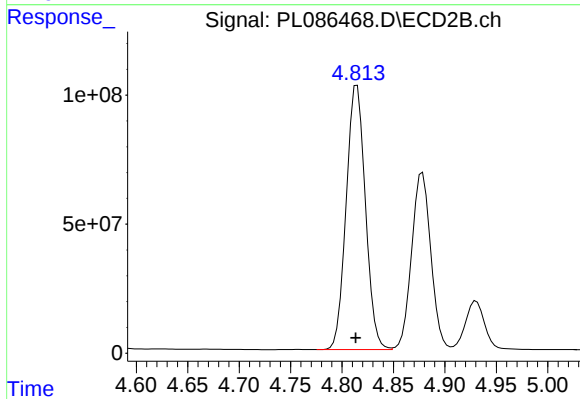
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: 0.001 min
Response: 247108221
Conc: 208.21 ng/ml



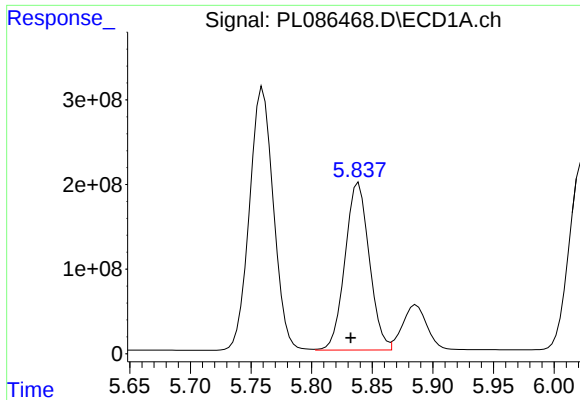
#10 gamma-Chlordane

R.T.: 5.760 min
Delta R.T.: 0.007 min
Response: 4267950302
Conc: 1075.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 1331561906
Conc: 1125.22 ng/ml



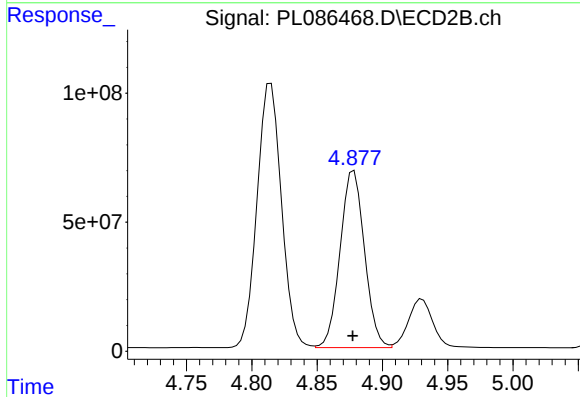
#11 alpha-Chlordane

R.T.: 5.839 min
Delta R.T.: 0.007 min
Response: 2754558806
Conc: 692.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

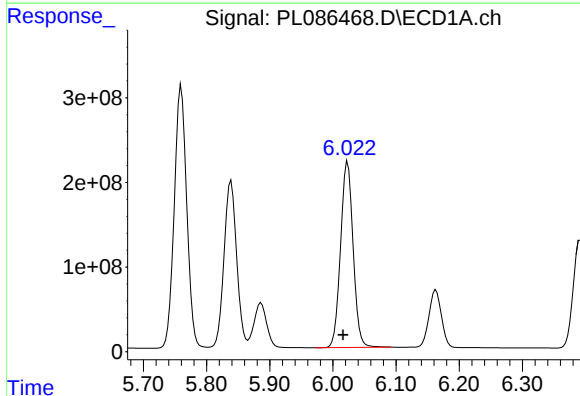
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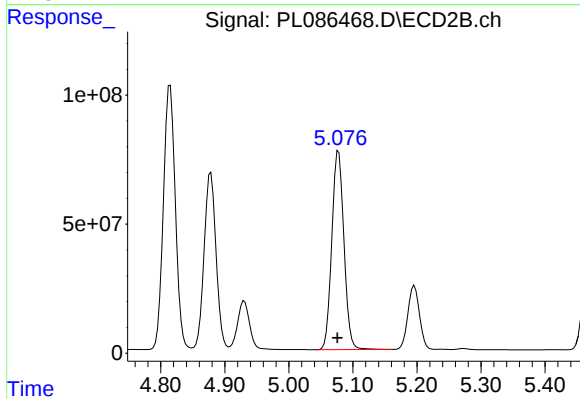
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 892266663
Conc: 714.26 ng/ml



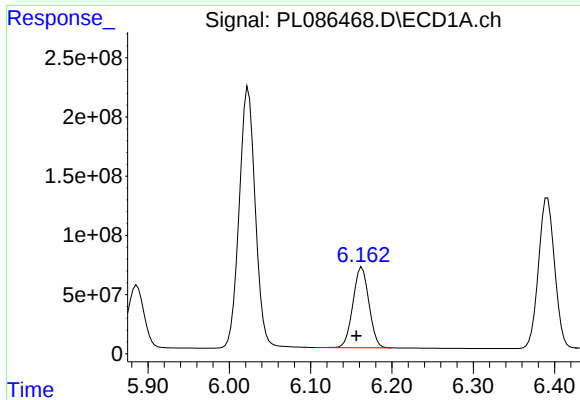
#12 4,4'-DDE

R.T.: 6.023 min
Delta R.T.: 0.007 min
Response: 3031965580
Conc: 955.37 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 1013850538
Conc: 1027.37 ng/ml



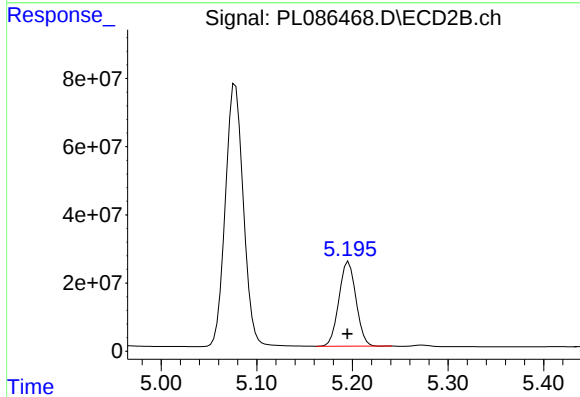
#13 Dieldrin

R.T.: 6.163 min
Delta R.T.: 0.007 min
Response: 926626988
Conc: 241.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

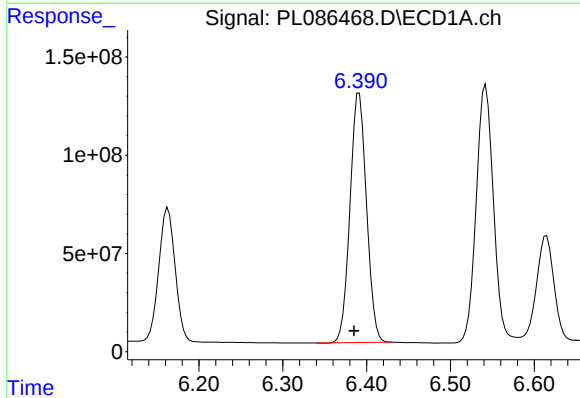
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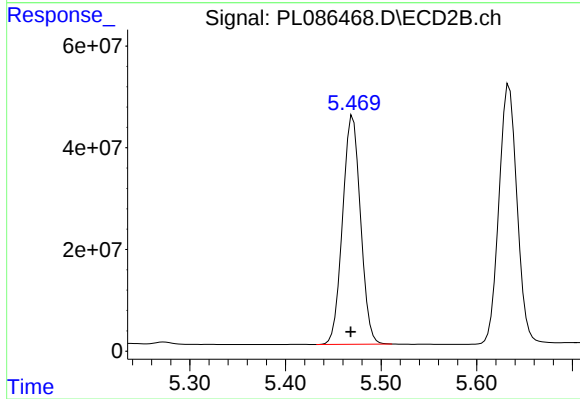
#13 Dieldrin

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 308779811
Conc: 258.57 ng/ml



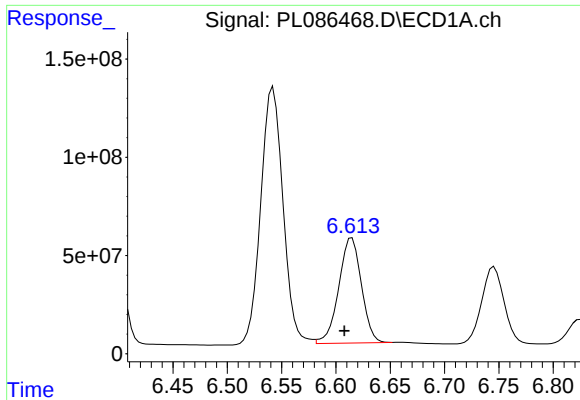
#14 Endrin

R.T.: 6.391 min
Delta R.T.: 0.006 min
Response: 1740810059
Conc: 521.48 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.002 min
Response: 587946555
Conc: 533.56 ng/ml



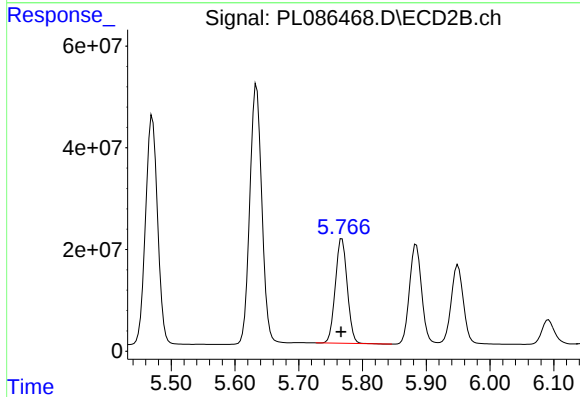
#15 Endosulfan II

R.T.: 6.615 min
Delta R.T.: 0.007 min
Response: 778533138
Conc: 241.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

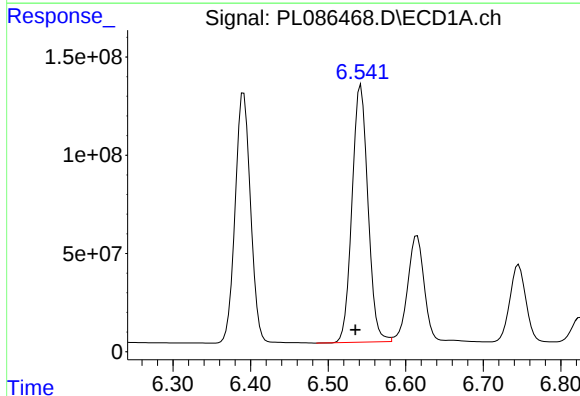
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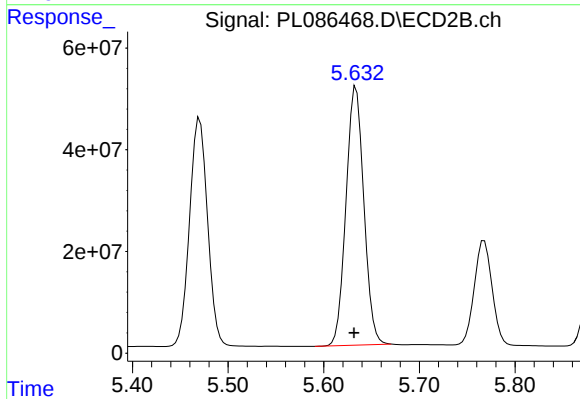
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: 0.002 min
Response: 267484595
Conc: 248.15 ng/ml



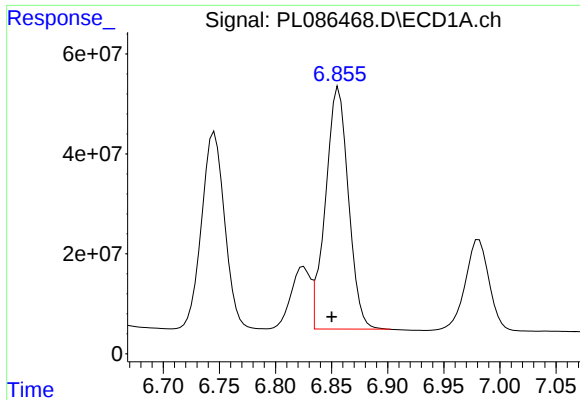
#16 4,4'-DDD

R.T.: 6.542 min
Delta R.T.: 0.007 min
Response: 1863627946
Conc: 785.74 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 662138130
Conc: 812.96 ng/ml



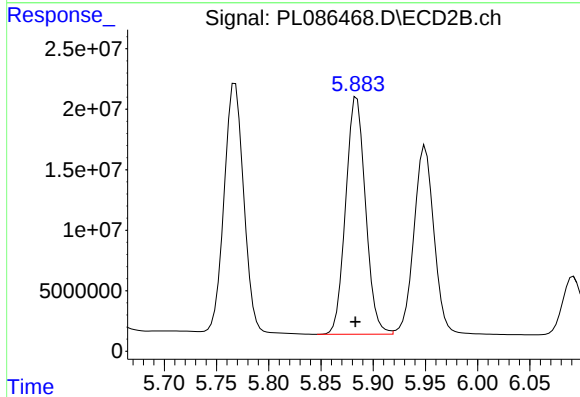
#17 4,4'-DDT

R.T.: 6.856 min
Delta R.T.: 0.006 min
Response: 690574945
Conc: 264.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

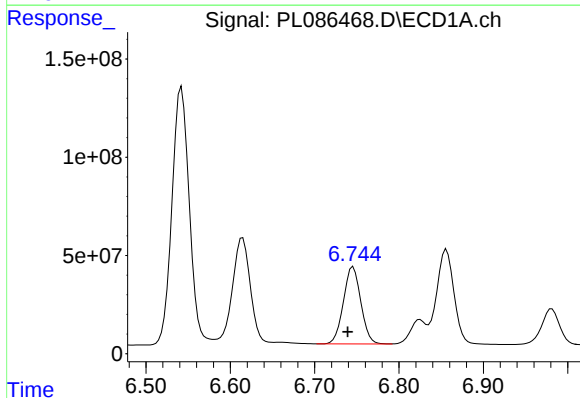
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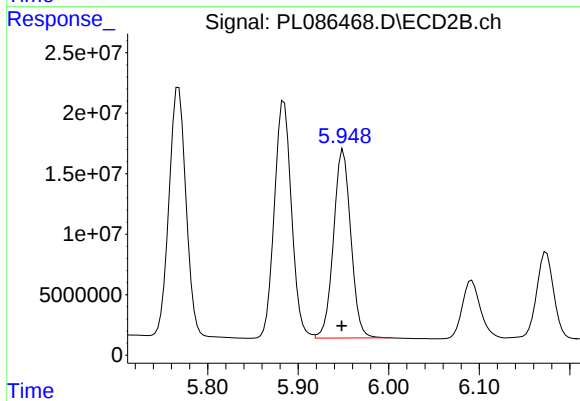
#17 4,4'-DDT

R.T.: 5.884 min
Delta R.T.: 0.001 min
Response: 258484333
Conc: 274.18 ng/ml



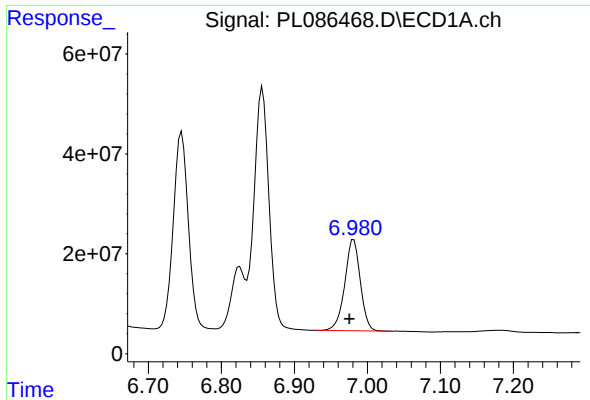
#18 Endrin aldehyde

R.T.: 6.746 min
Delta R.T.: 0.006 min
Response: 561785749
Conc: 230.80 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: 0.002 min
Response: 206685439
Conc: 245.09 ng/ml



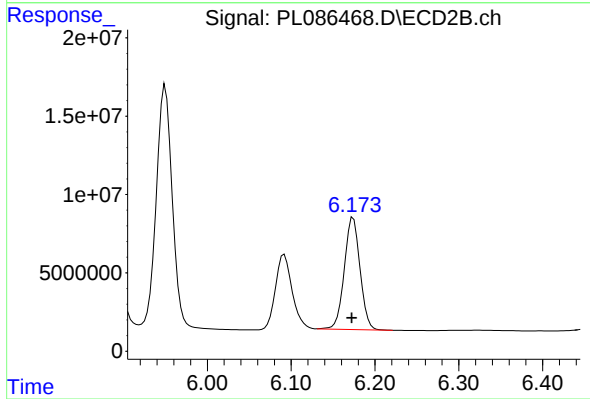
#19 Endosulfan Sulfate

R.T.: 6.981 min
Delta R.T.: 0.006 min
Response: 270296167
Conc: 87.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

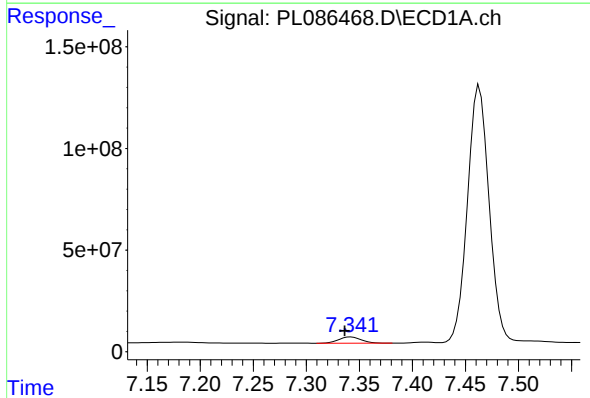
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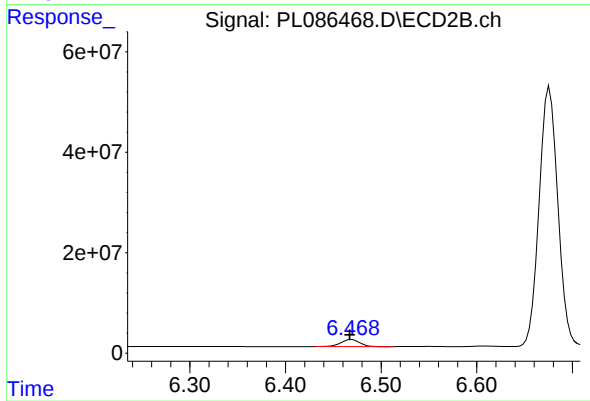
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.002 min
Response: 93123855
Conc: 88.33 ng/ml



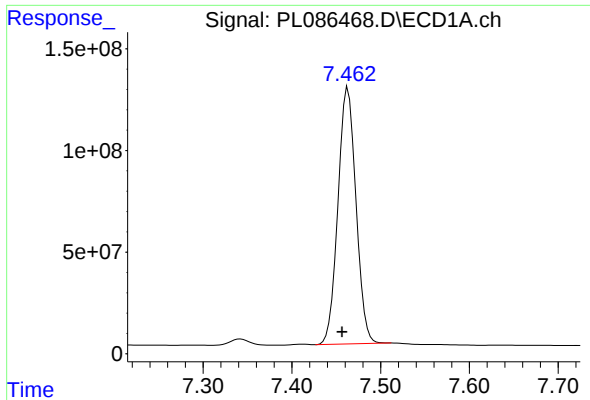
#20 Methoxychlor

R.T.: 7.342 min
Delta R.T.: 0.006 min
Response: 44414953
Conc: 32.02 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 19524361
Conc: 33.41 ng/ml



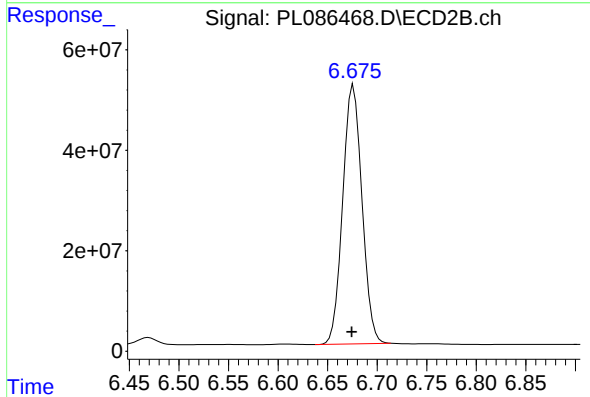
#21 Endrin ketone

R.T.: 7.463 min
Delta R.T.: 0.006 min
Response: 1782181992
Conc: 558.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

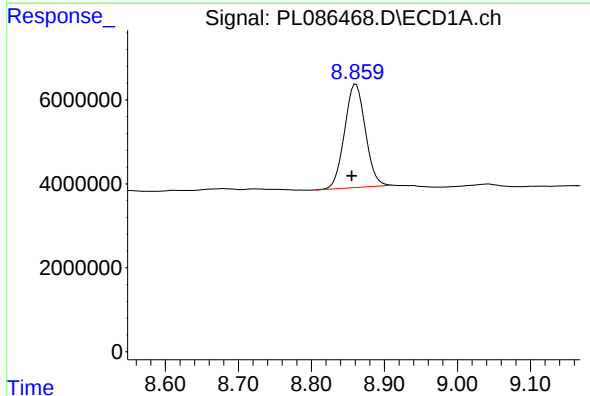
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



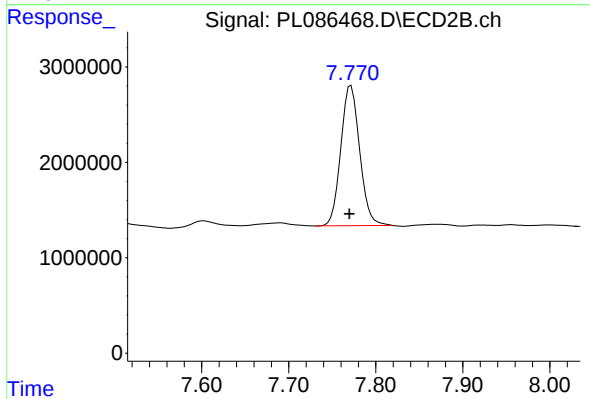
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 698156068
Conc: 559.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.006 min
Response: 48837140
Conc: 18.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: 0.002 min
Response: 22119292
Conc: 19.28 ng/ml