

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
 Data File : PL086876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 07:44
 Operator : AR\AJ
 Sample : 05047-20DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 08:18:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.337	2.610	13667395	1586014	4.275	1.744 #
28)	SA Decachlor...	8.841	7.759	5970498	2399775	2.236	2.177
Target Compounds							
2)	A alpha-BHC	3.797	3.109	345.2E6	95685675	74.563	75.347
3)	MA gamma-BHC...	4.128	3.435	208.3E6	58345667	47.612	47.752
4)	MA Heptachlor	4.715	3.770	371.3E6	110.3E6	93.550	94.463
5)	MB Aldrin	5.055	4.047	282.6E6	82545823	66.955	67.630
6)	B beta-BHC	4.332	3.738	69516616	19445638	37.162	36.753
7)	B delta-BHC	4.575	3.962	178.9E6	51463580	42.147	44.069
8)	B Heptachlo...	5.485	4.552	252.4E6	78662987	71.245	69.101
9)	A Endosulfan I	5.869	4.919	71488906	26705471	19.842	18.629
10)	B gamma-Chl...	5.743	4.803	386.9E6	119.7E6	102.899	104.457
11)	B alpha-Chl...	5.822	4.868	253.2E6	81456920	67.270	61.255
12)	B 4,4'-DDE	6.007	5.067	251.6E6	78858138	83.224	85.895
13)	MA Dieldrin	6.146	5.185	80324534	24443589	23.137	22.824
14)	MA Endrin	6.375	5.459	149.5E6	49760862	58.014	59.042
15)	B Endosulfa...	6.598	5.757	142.6E6	47718863	49.982	51.391
16)	A 4,4'-DDD	6.526	5.624	188.0E6	62991175	80.301	81.560
17)	MA 4,4'-DDT	6.840	5.873	67785581	22211916	26.410	27.542
18)	B Endrin al...	6.728	5.939	61446819	21206099	28.805m	30.354
19)	B Endosulfa...	6.966	6.163	54716247	19145628	19.160	20.178
20)	A Methoxychlor	7.327	6.458	12178816	5134157	9.223	9.975
21)	B Endrin ke...	7.448	6.665	232.0E6	88265670	77.598	77.325

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
Data File : PL086876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Nov 2023 07:44
Operator : AR\AJ
Sample : 05047-20DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

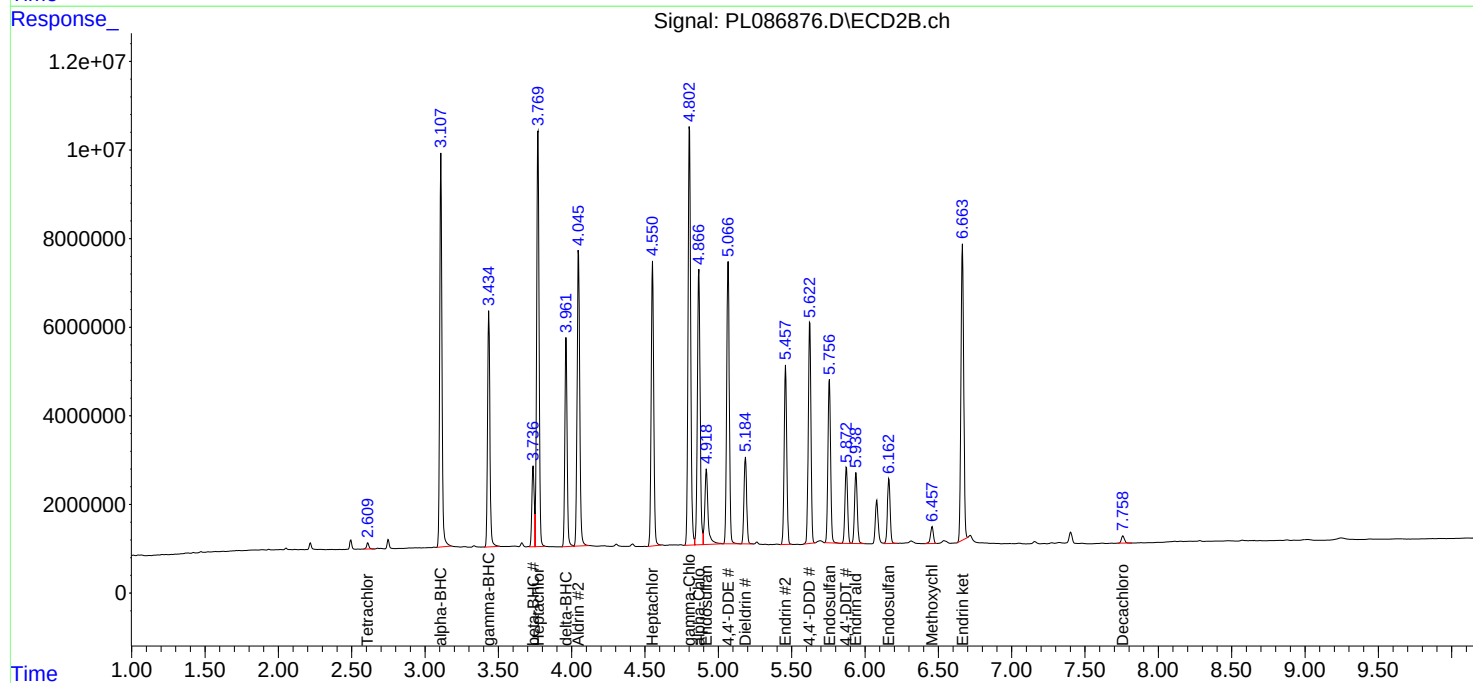
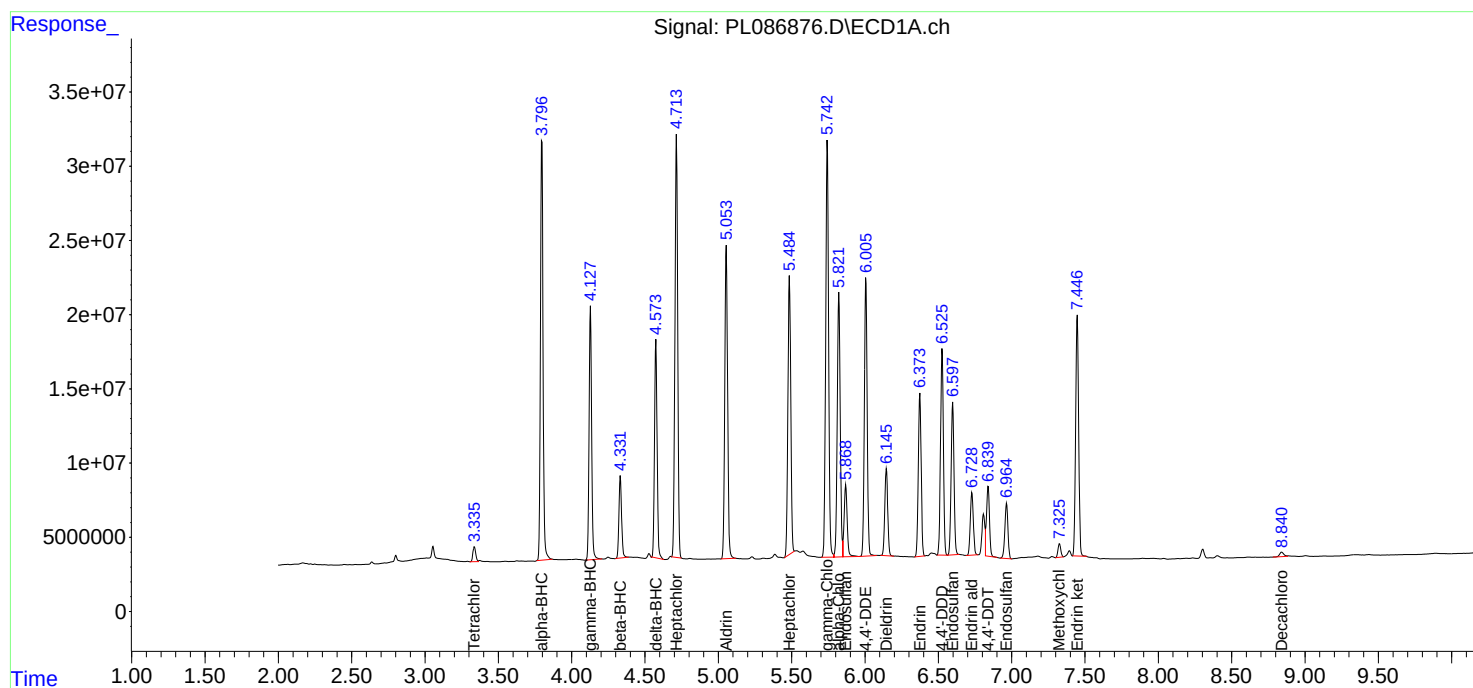
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

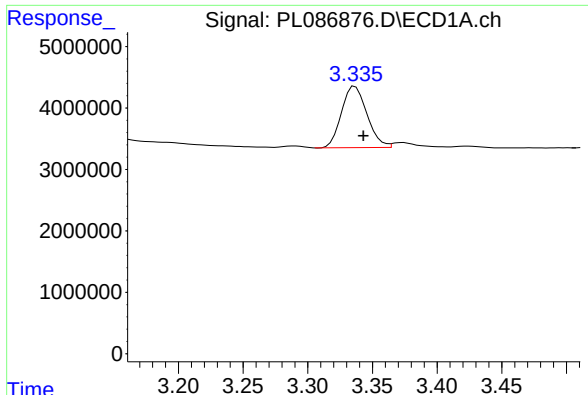
Manual Integrations
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Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 08:18:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 2023
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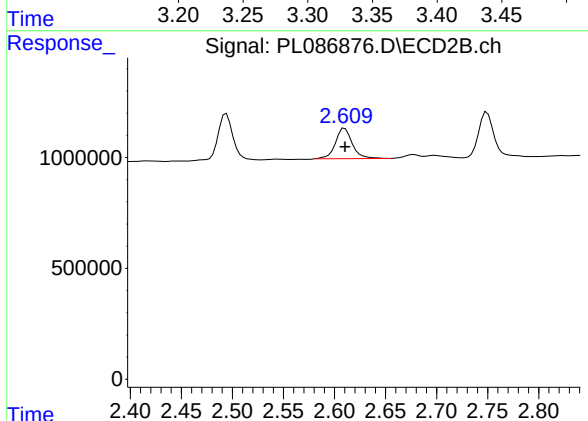
#1 Tetrachloro-m-xylene

R.T.: 3.337 min
Delta R.T.: -0.006 min
Response: 13667395
Conc: 4.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

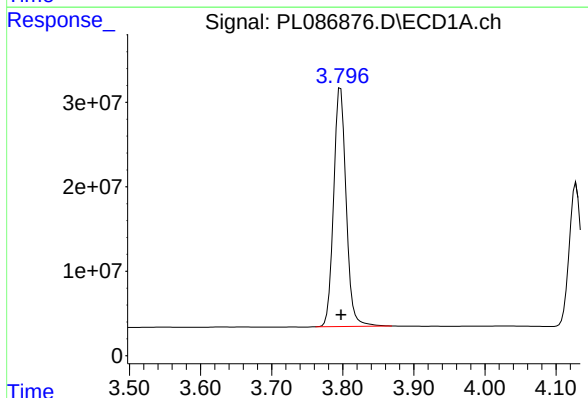
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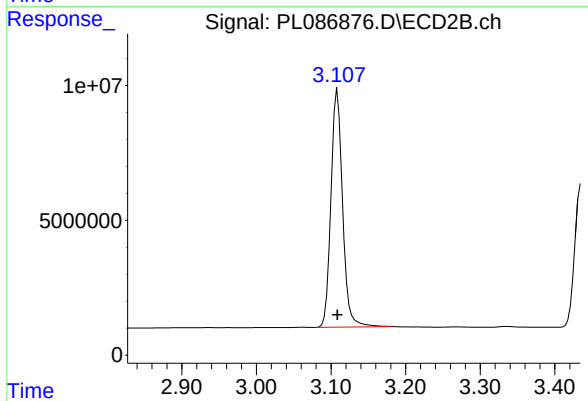
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 1586014
Conc: 1.74 ng/ml



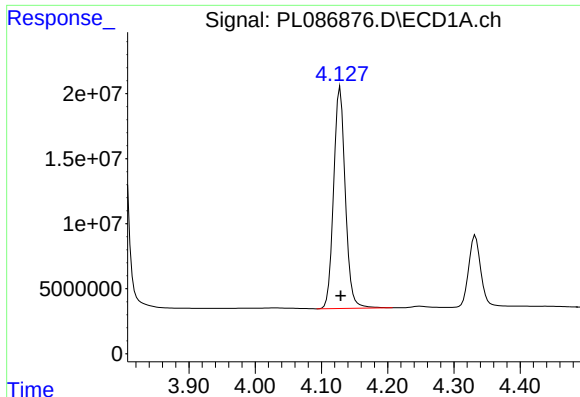
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 345236720
Conc: 74.56 ng/ml



#2 alpha-BHC

R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 95685675
Conc: 75.35 ng/ml



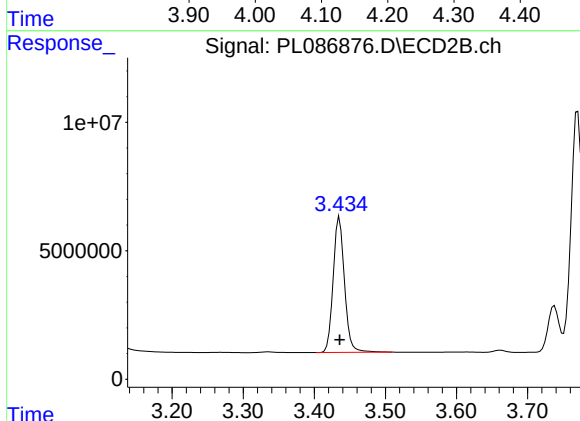
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 208296047
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

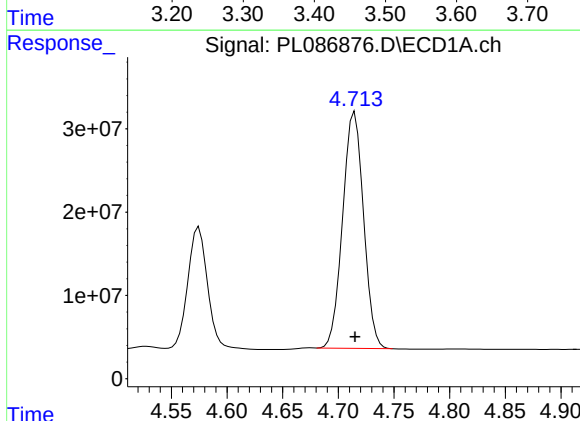
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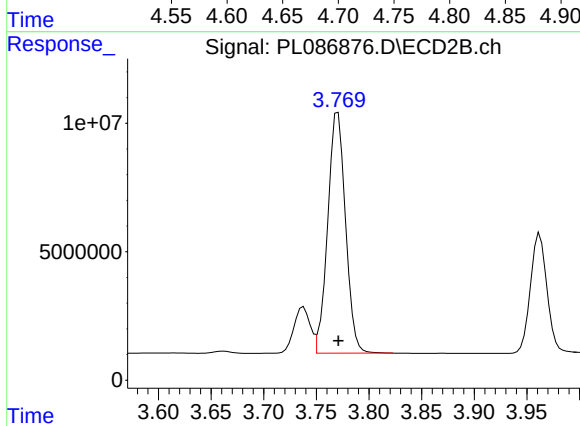
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 58345667
Conc: 47.75 ng/ml



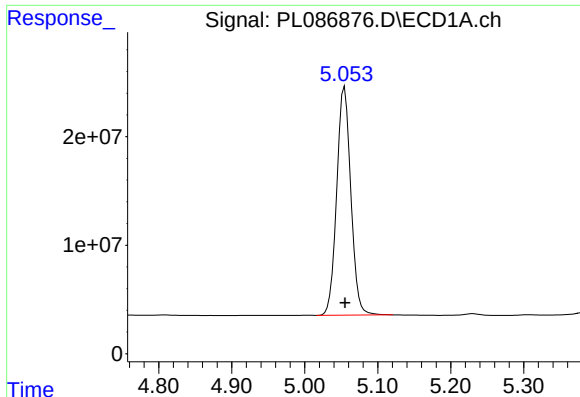
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 371276532
Conc: 93.55 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 110298867
Conc: 94.46 ng/ml



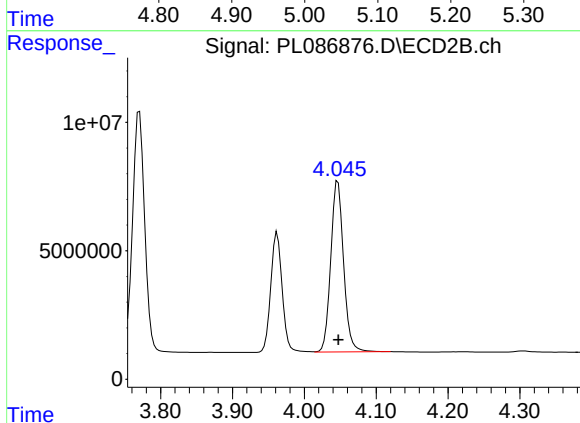
#5 Aldrin

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 282560535
Conc: 66.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

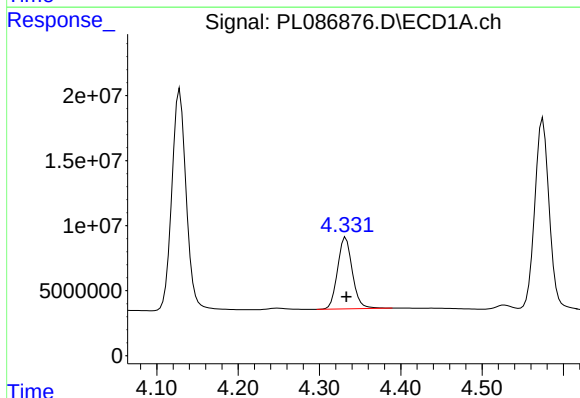
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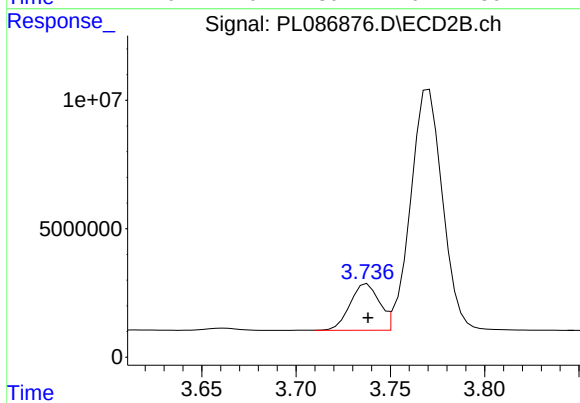
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 82545823
Conc: 67.63 ng/ml



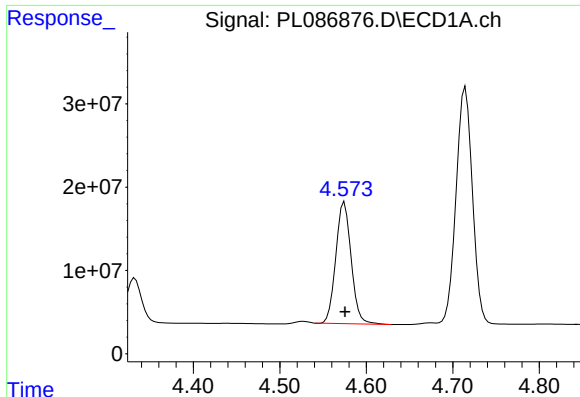
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 69516616
Conc: 37.16 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 19445638
Conc: 36.75 ng/ml



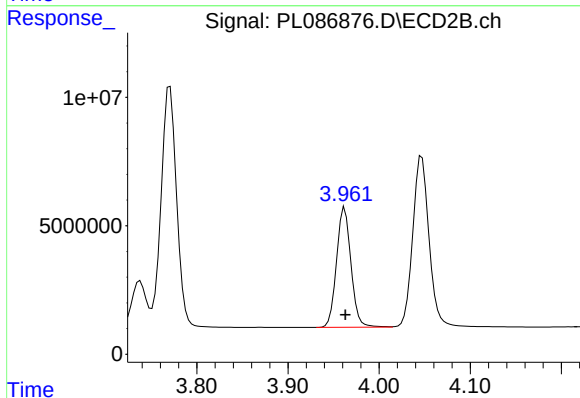
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 178920607
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

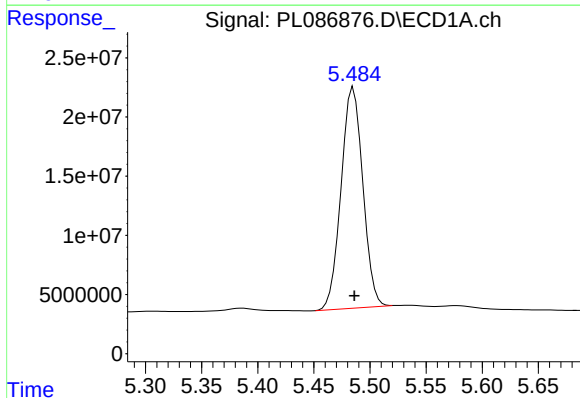
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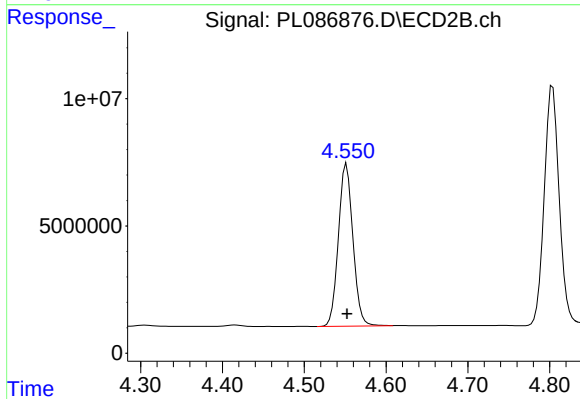
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 51463580
Conc: 44.07 ng/ml



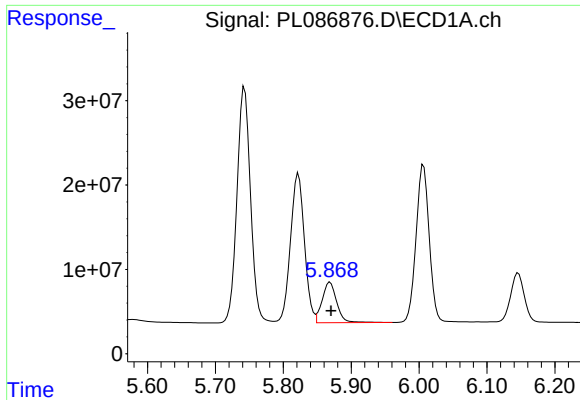
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 252373048
Conc: 71.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 78662987
Conc: 69.10 ng/ml



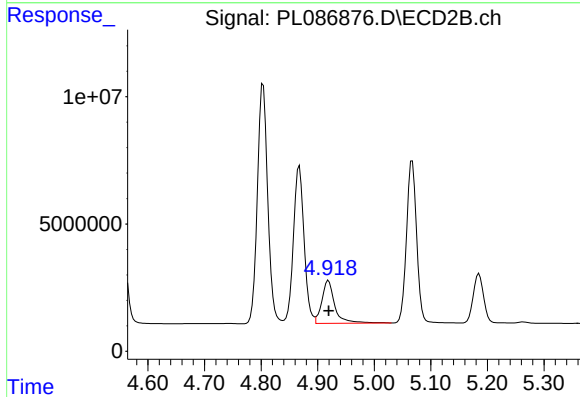
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 71488906
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

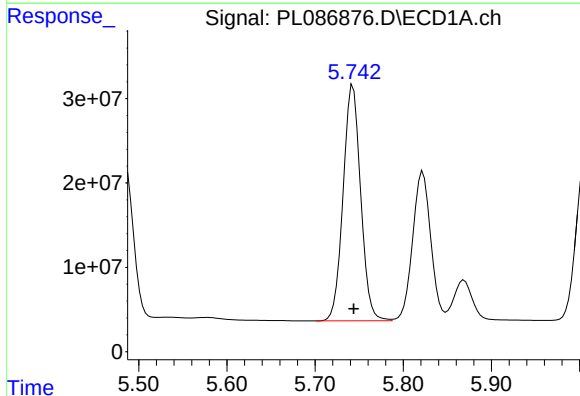
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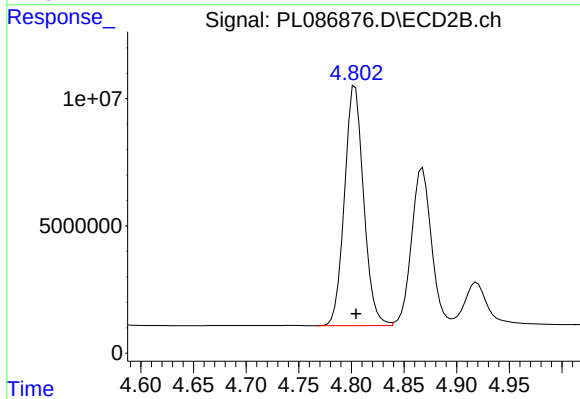
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 26705471
Conc: 18.63 ng/ml



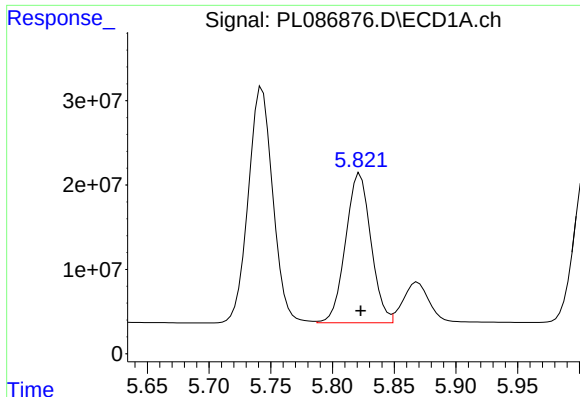
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 386886952
Conc: 102.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 119738605
Conc: 104.46 ng/ml



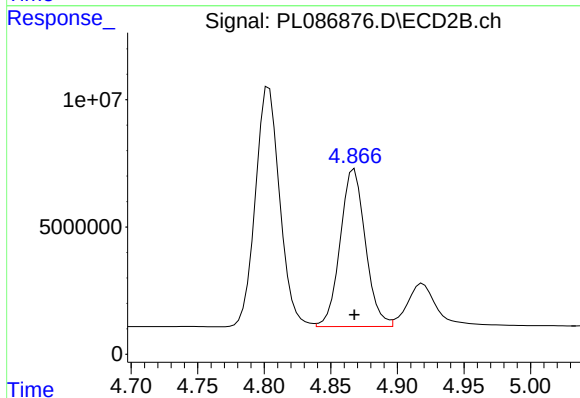
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 253241794
Conc: 67.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

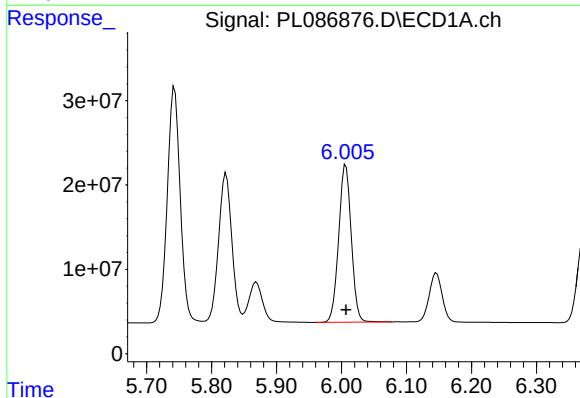
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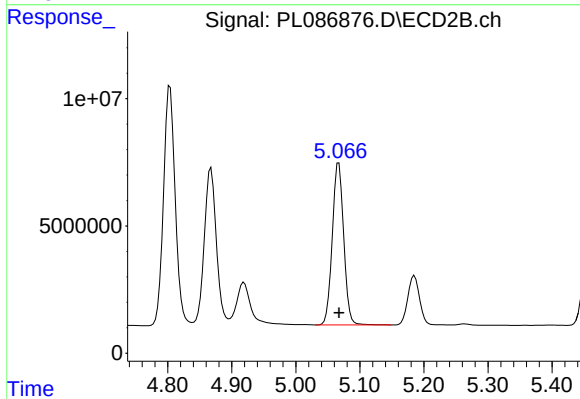
#11 alpha-Chlordane

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 81456920
Conc: 61.26 ng/ml



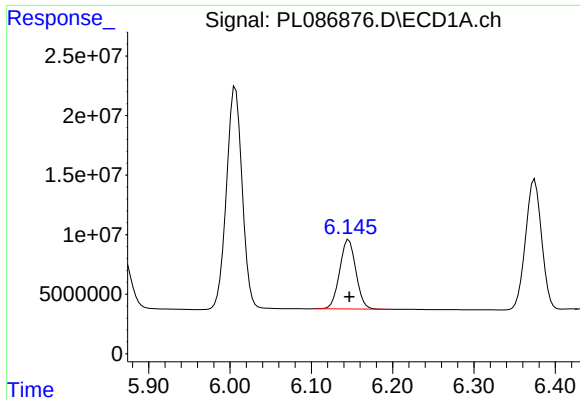
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 251619083
Conc: 83.22 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 78858138
Conc: 85.90 ng/ml



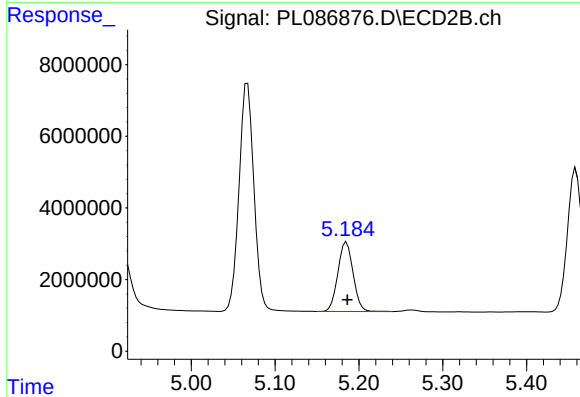
#13 Dieldrin

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 80324534
Conc: 23.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

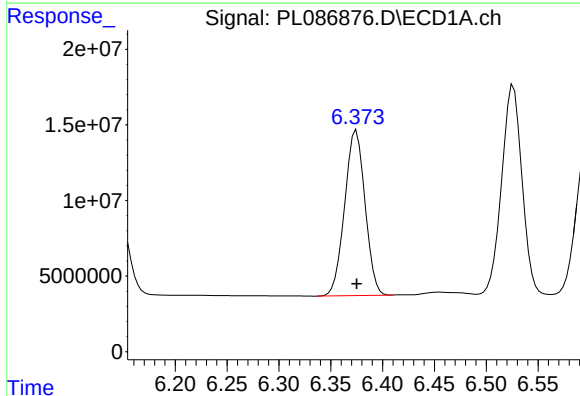
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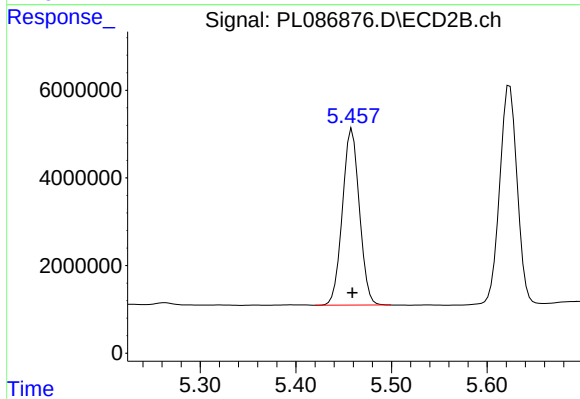
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 24443589
Conc: 22.82 ng/ml



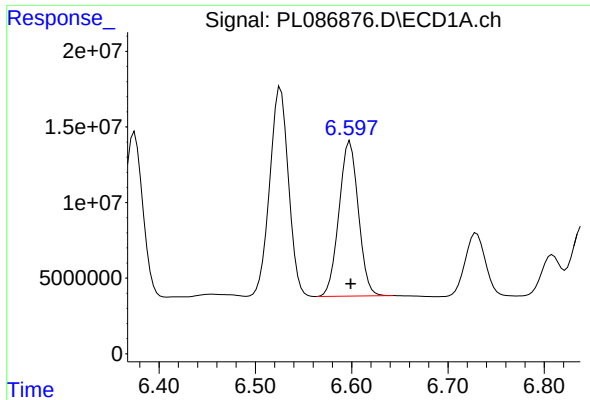
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 149540964
Conc: 58.01 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 49760862
Conc: 59.04 ng/ml



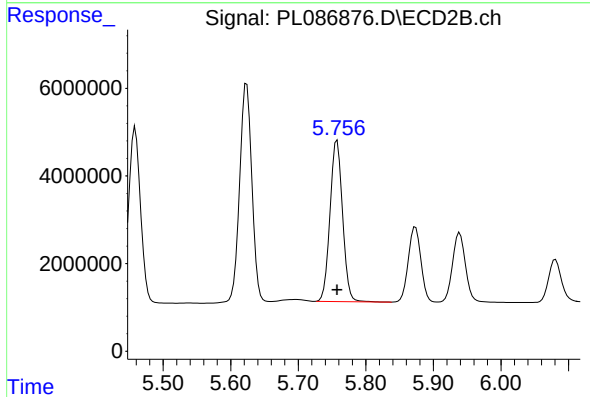
#15 Endosulfan II

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 142630002
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

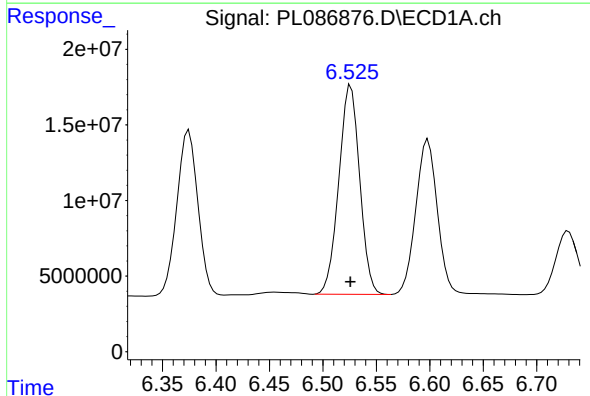
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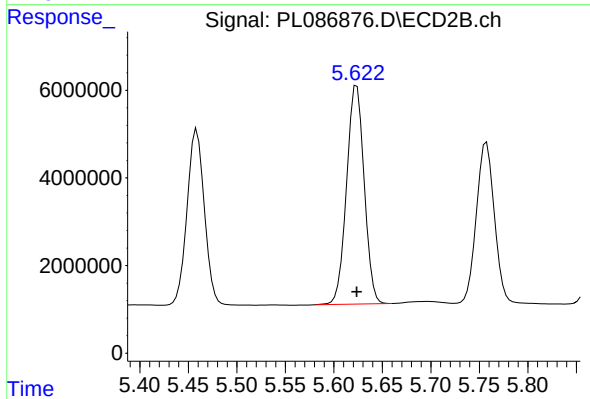
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 47718863
Conc: 51.39 ng/ml



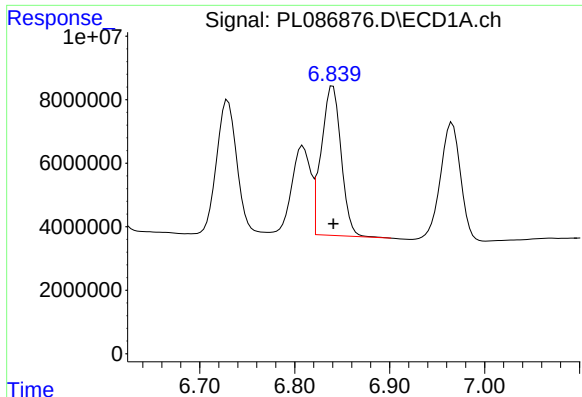
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 188031406
Conc: 80.30 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 62991175
Conc: 81.56 ng/ml



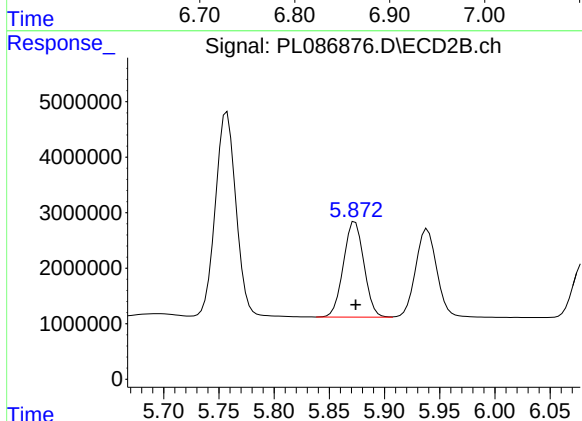
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 67785581
Conc: 26.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

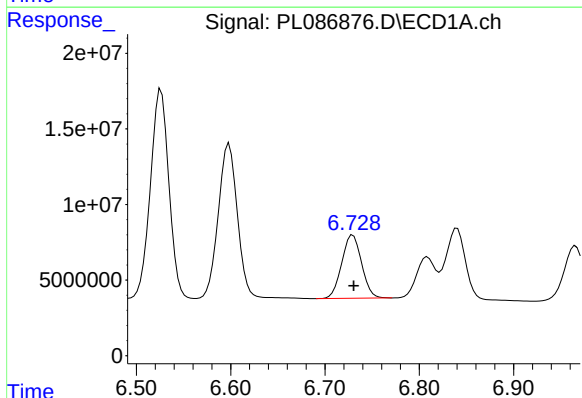
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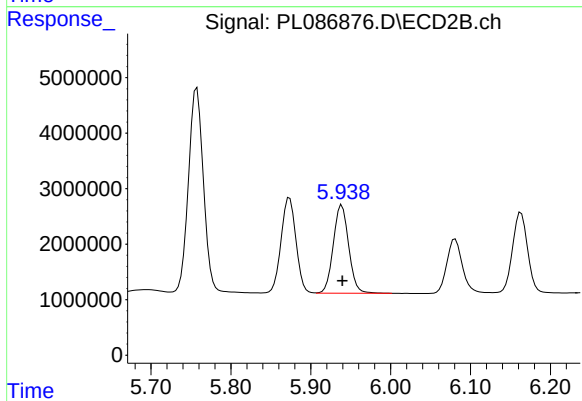
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 22211916
Conc: 27.54 ng/ml



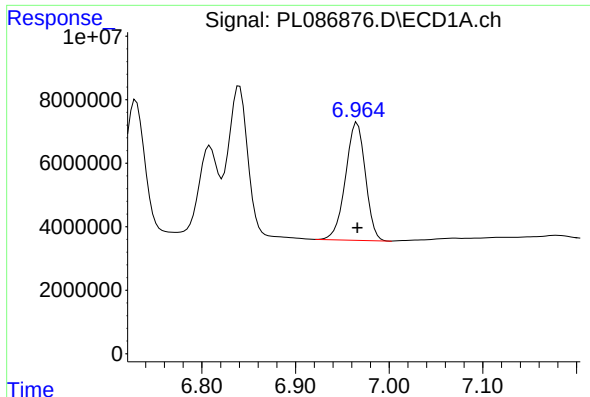
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 61446819
Conc: 28.80 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 21206099
Conc: 30.35 ng/ml



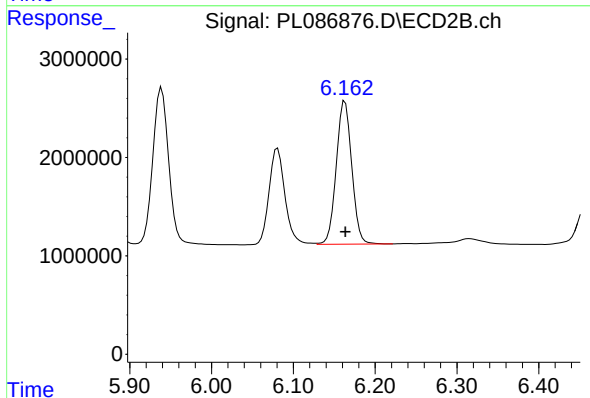
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 54716247
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

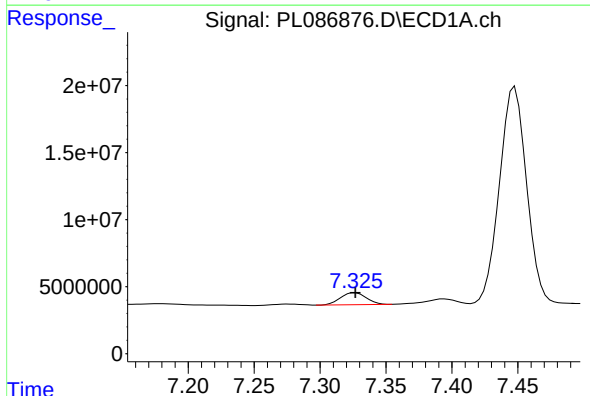
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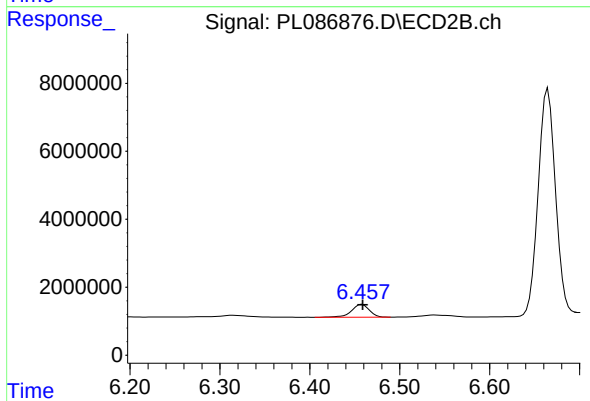
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 19145628
Conc: 20.18 ng/ml



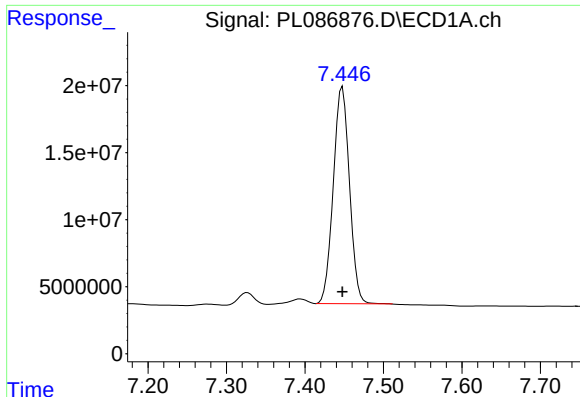
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 12178816
Conc: 9.22 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 5134157
Conc: 9.97 ng/ml



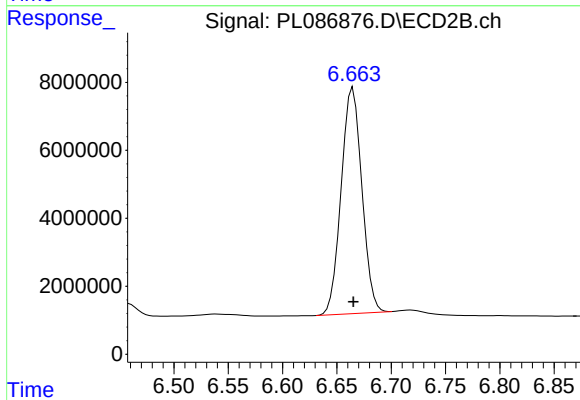
#21 Endrin ketone

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 231994286
Conc: 77.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

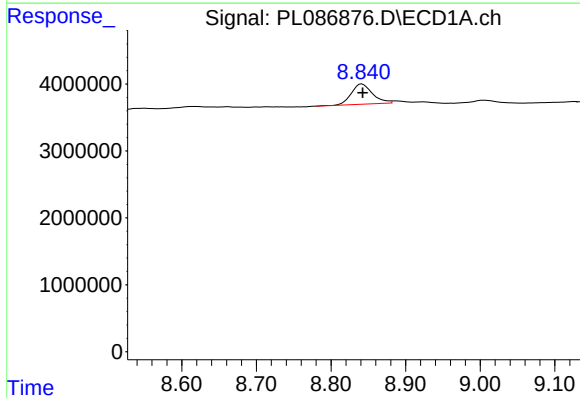
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Reviewed By :Yogesh Patel 11/29/2023
Supervised By :Ankita Jodhani 11/29/2023



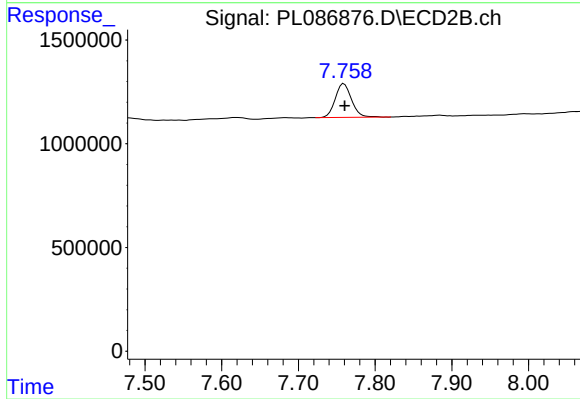
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 88265670
Conc: 77.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.001 min
Response: 5970498
Conc: 2.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 2399775
Conc: 2.18 ng/ml