

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
 Data File : PL092758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2024 13:54
 Operator : AR\AJ
 Sample : P4495-20DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:28:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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	2.779	12566403	10726523	5.129	3.942
28)	SA Decachlor...	9.064	7.920	8300093	12139553	4.313	4.448
Target Compounds							
2)	A alpha-BHC	4.004	3.282	422.6E6	521.1E6	124.607	130.593
3)	MA gamma-BHC...	4.336	3.612	244.6E6	306.7E6	75.049	79.476
4)	MA Heptachlor	4.923	3.952	502.7E6	689.7E6	167.394m	182.751
5)	MB Aldrin	5.265	4.231	155.7E6	202.7E6	51.866m	55.379
6)	B beta-BHC	4.534	3.912	225.5E6	279.8E6	155.995	169.975
7)	B delta-BHC	4.781	4.141	506.4E6	670.8E6	161.792	174.544
8)	B Heptachlo...	5.693	4.734	140.3E6	180.6E6	50.813	54.048
9)	A Endosulfan I	6.078	5.104	61122520	72109733	24.436	23.618
10)	B gamma-Chl...	5.948	4.985	343.9E6	492.1E6	129.257	146.394
11)	B alpha-Chl...	6.027	5.048	121.3E6	157.0E6	45.804	47.193
12)	B 4,4'-DDE	6.201	5.236	444.8E6	679.4E6	187.733	210.880m
13)	MA Dieldrin	6.353	5.369	495.6E6	716.0E6	188.057	214.344
14)	MA Endrin	6.582	5.644	54124904	73980631	23.774	25.572
15)	B Endosulfa...	6.802	5.939	207.0E6	270.3E6	86.826	95.388
16)	A 4,4'-DDD	6.718	5.793	230.5E6	334.7E6	120.075	134.413
17)	MA 4,4'-DDT	7.031	6.043	113.8E6	164.3E6	55.004	61.272
18)	B Endrin al...	6.932	6.118	32732972	39202971	17.430	16.991
19)	B Endosulfa...	7.166	6.342	73018572	91606261	33.644	33.968
20)	A Methoxychlor	7.507	6.619	30843247	39703984	27.056	27.803
21)	B Endrin ke...	7.651	6.847	253.4E6	349.8E6	104.593	113.988

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
Data File : PL092758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2024 13:54
Operator : AR\AJ
Sample : P4495-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

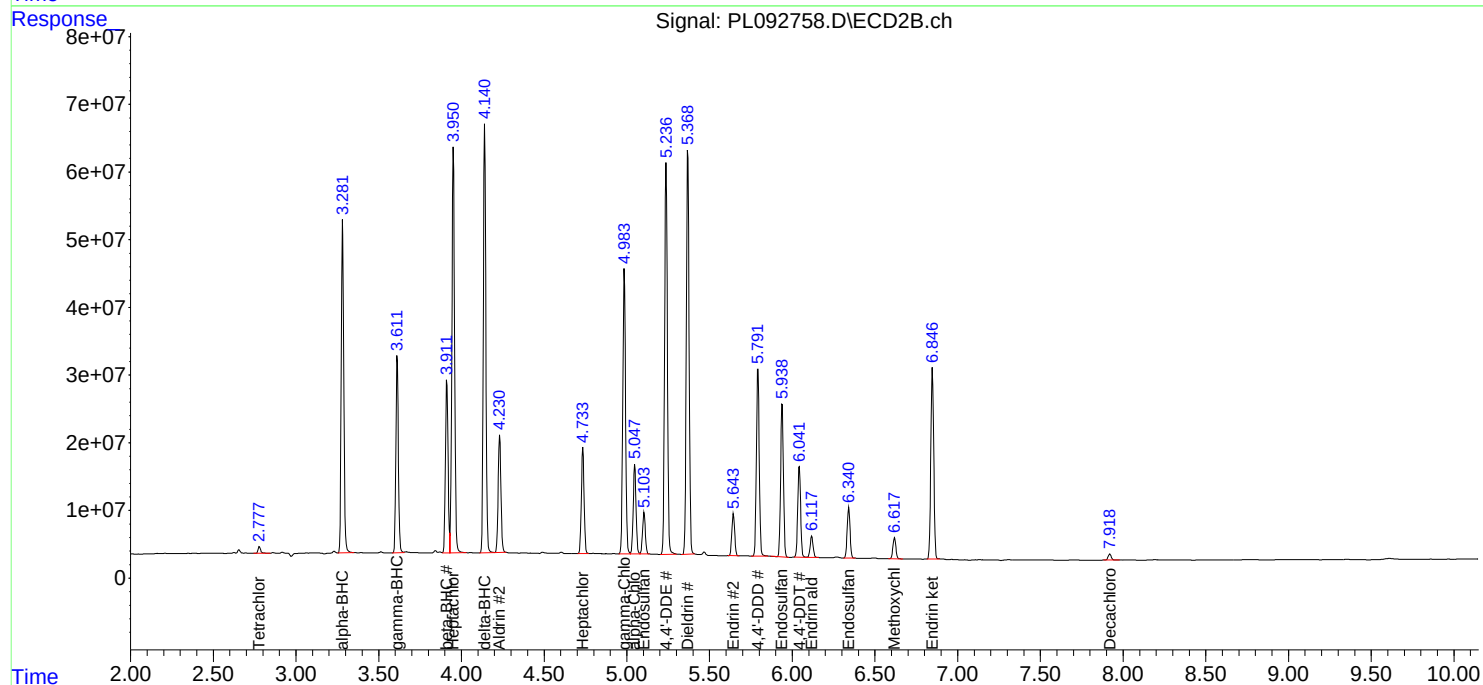
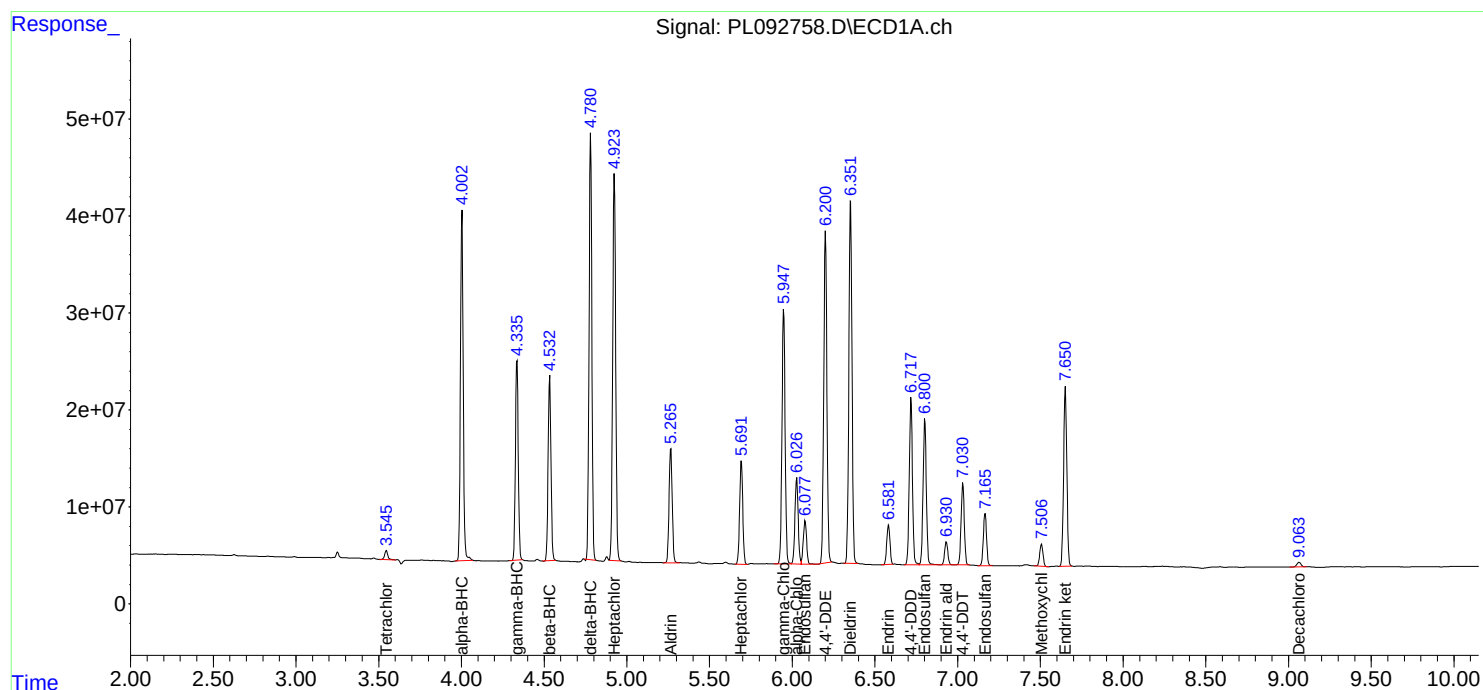
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

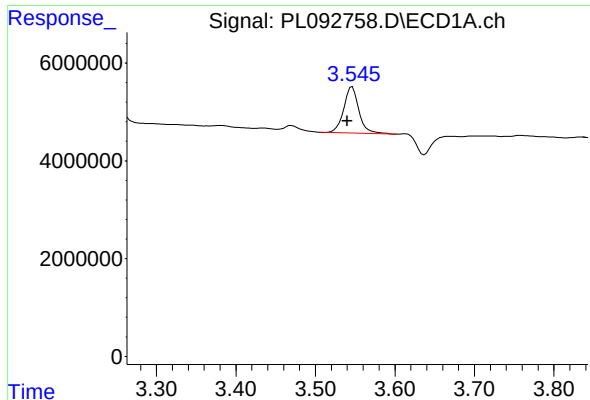
Manual Integrations
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Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 02:28:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





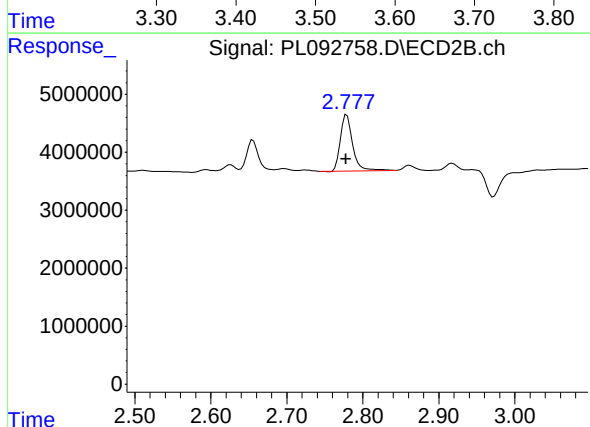
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.006 min
Response: 12566403
Conc: 5.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

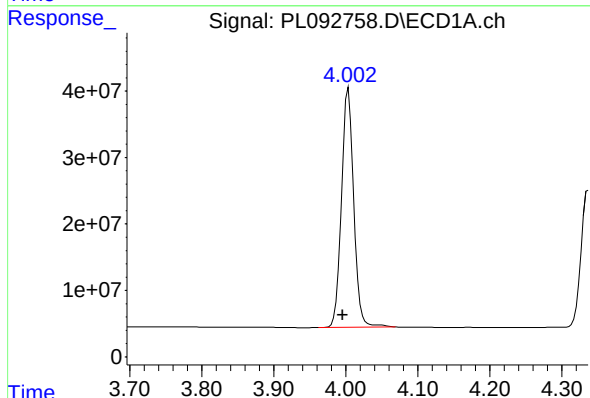
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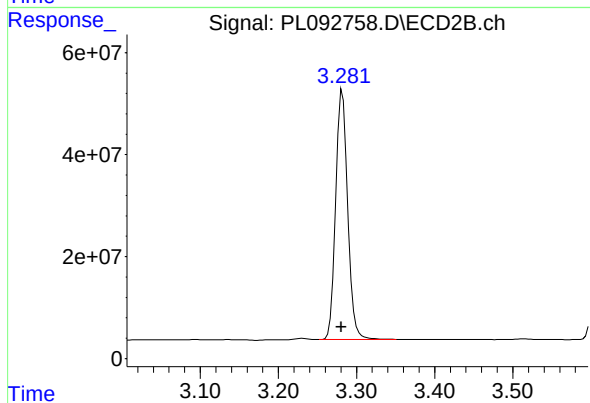
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 10726523
Conc: 3.94 ng/ml



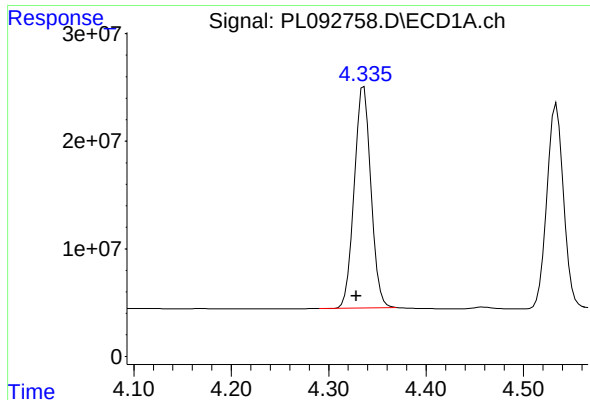
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.008 min
Response: 422611905
Conc: 124.61 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 521087766
Conc: 130.59 ng/ml



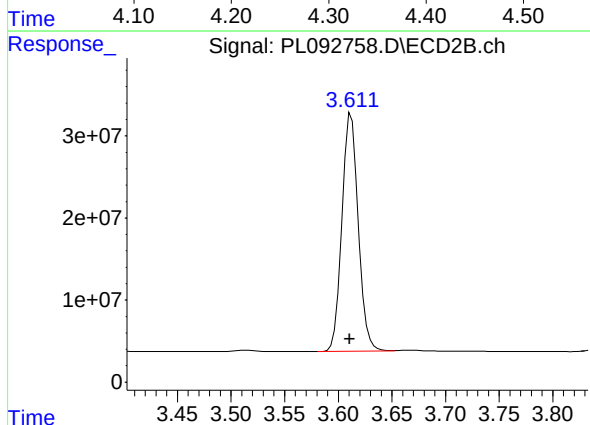
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.008 min
Response: 244626493
Conc: 75.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

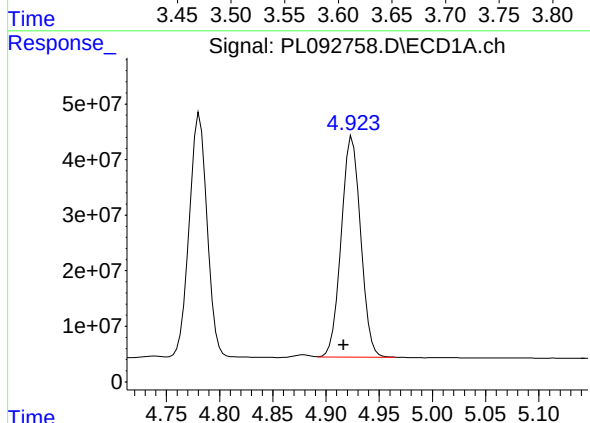
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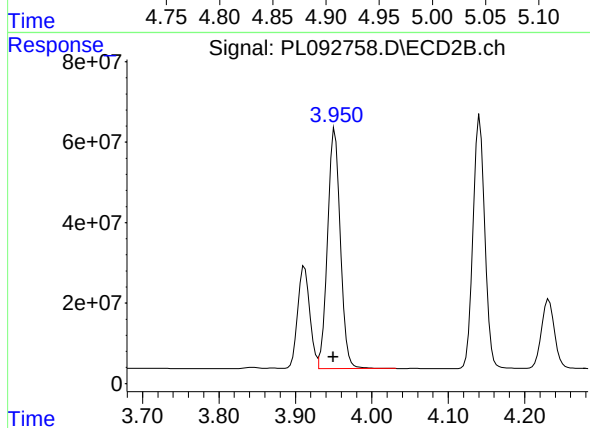
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.001 min
Response: 306734345
Conc: 79.48 ng/ml



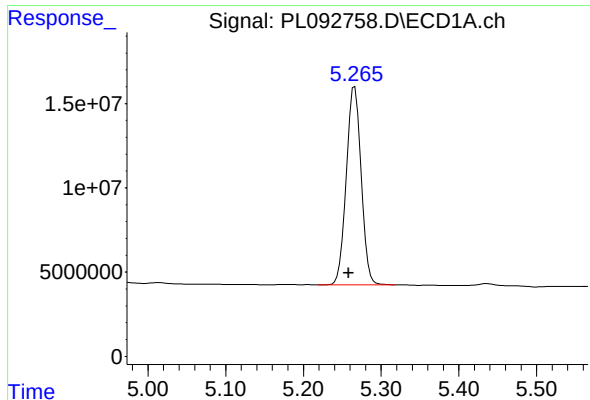
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.007 min
Response: 502703245
Conc: 167.39 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.002 min
Response: 689687570
Conc: 182.75 ng/ml



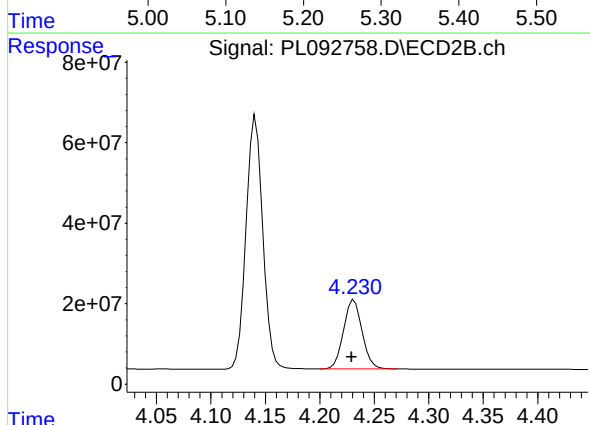
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.007 min
Response: 155673244
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

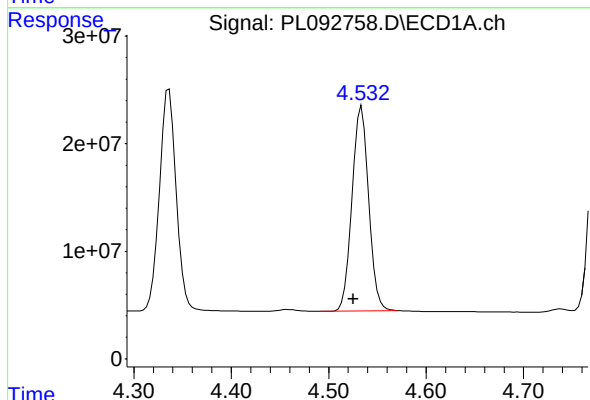
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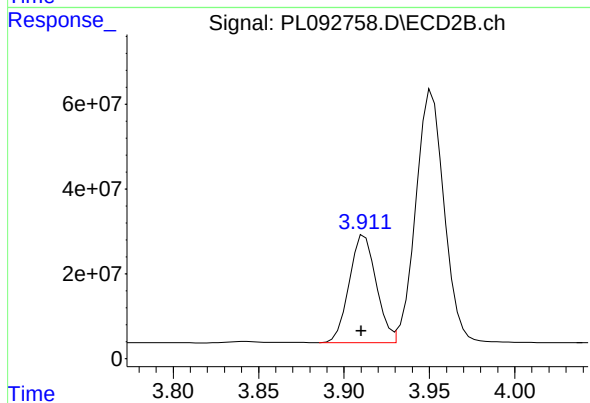
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.002 min
Response: 202698316
Conc: 55.38 ng/ml



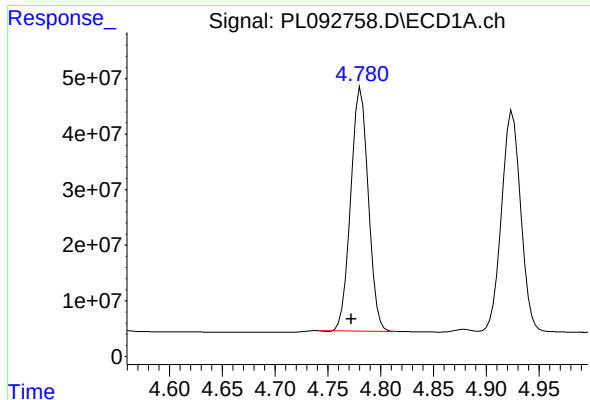
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.009 min
Response: 225484762
Conc: 156.00 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 279820919
Conc: 169.97 ng/ml



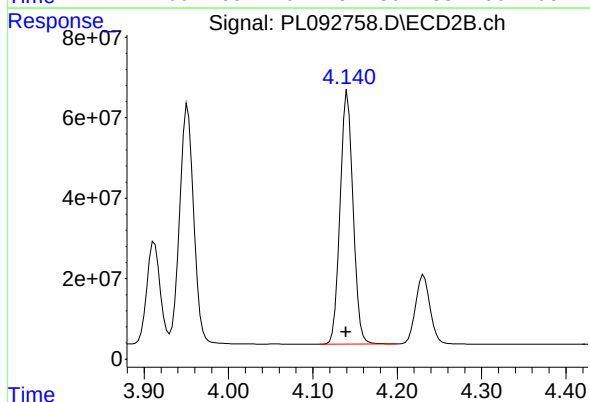
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.009 min
Response: 506389213
Conc: 161.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

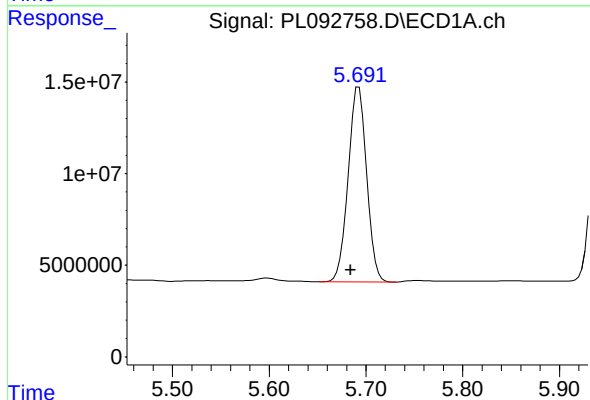
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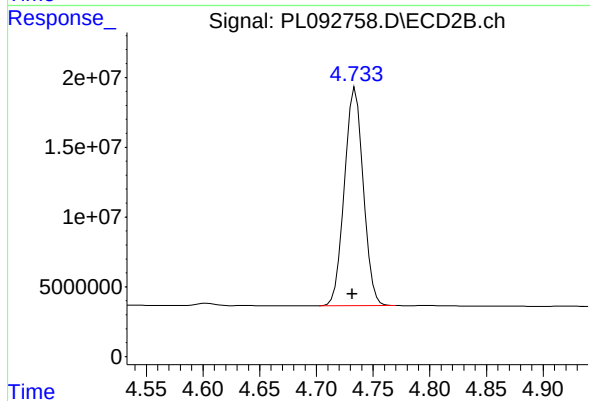
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.002 min
Response: 670798670
Conc: 174.54 ng/ml



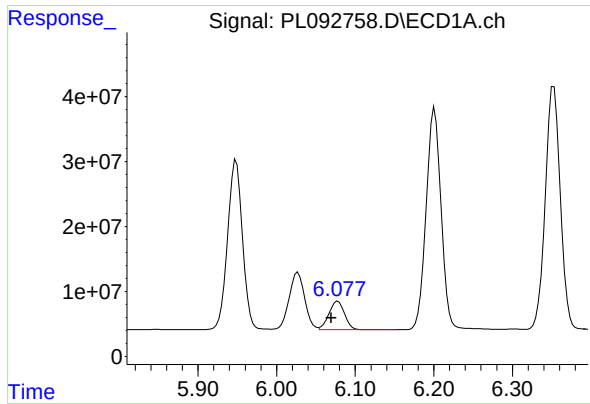
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.008 min
Response: 140316821
Conc: 50.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.003 min
Response: 180595312
Conc: 54.05 ng/ml



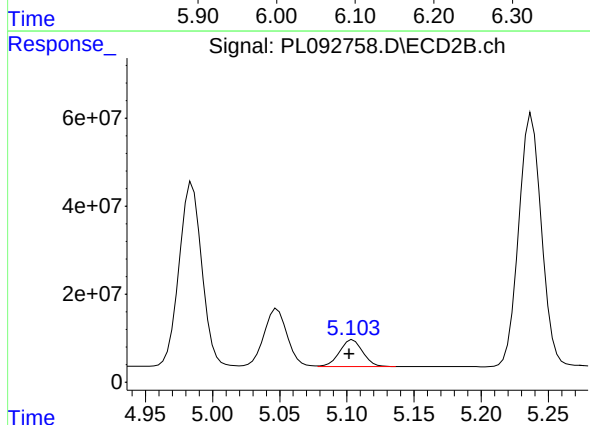
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.008 min
Response: 61122520
Conc: 24.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

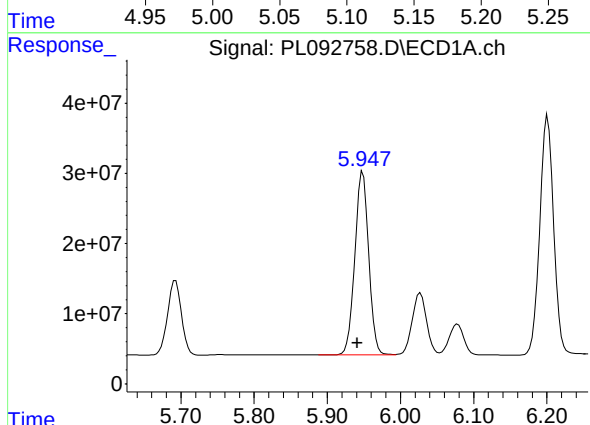
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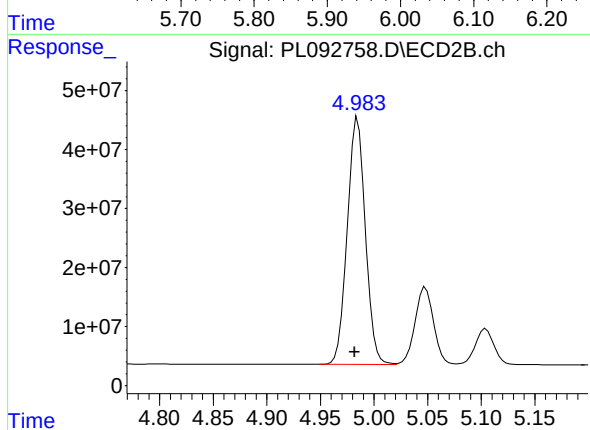
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: 0.003 min
Response: 72109733
Conc: 23.62 ng/ml



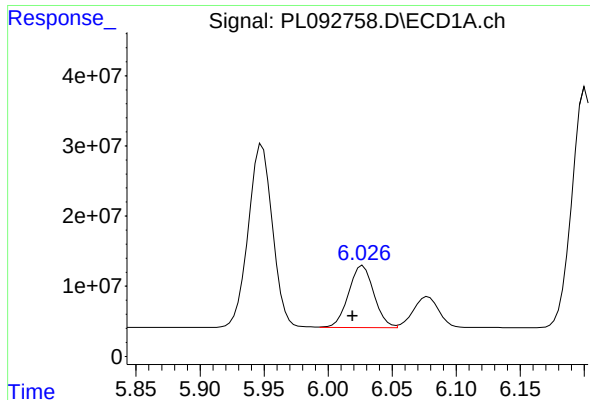
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 343907382
Conc: 129.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 492130559
Conc: 146.39 ng/ml



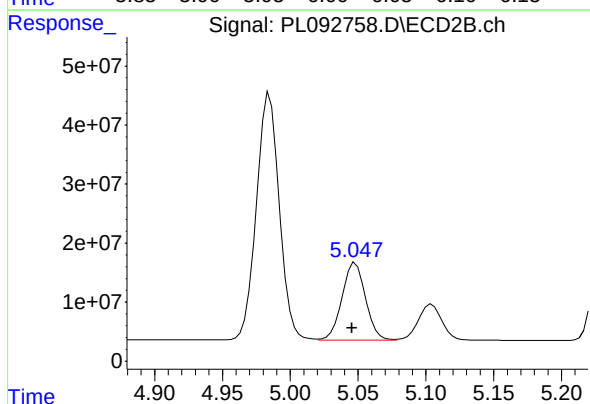
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.008 min
Response: 121295737
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

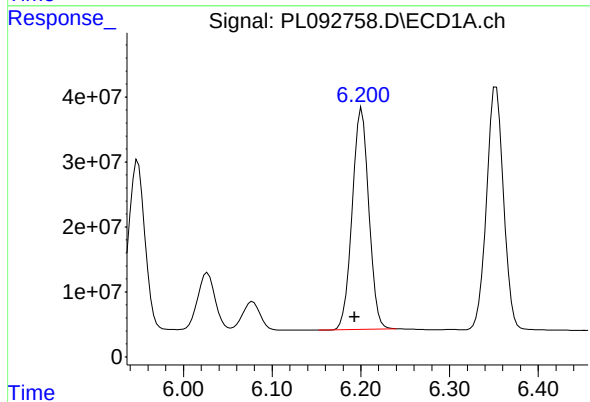
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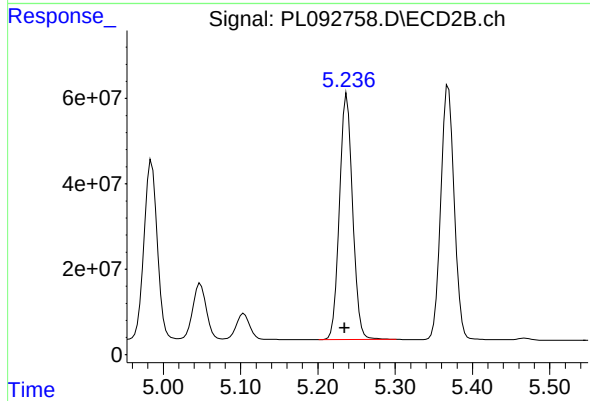
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: 0.003 min
Response: 156966588
Conc: 47.19 ng/ml



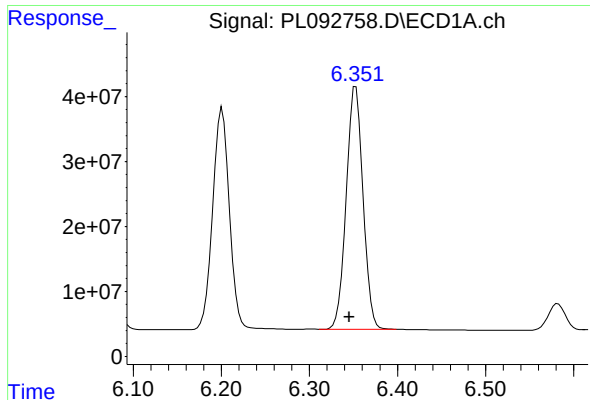
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.008 min
Response: 444774815
Conc: 187.73 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 679372509
Conc: 210.88 ng/ml m



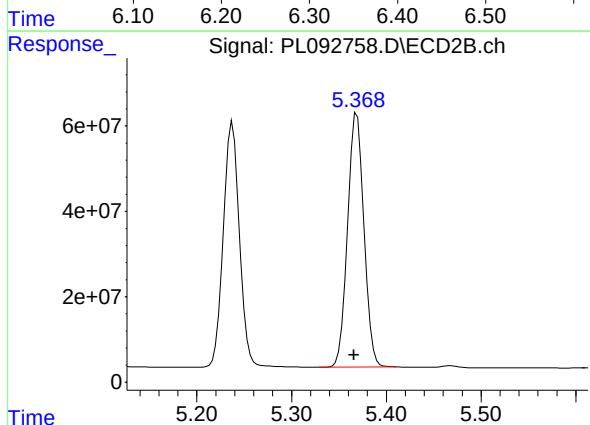
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.007 min
Response: 495618969
Conc: 188.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

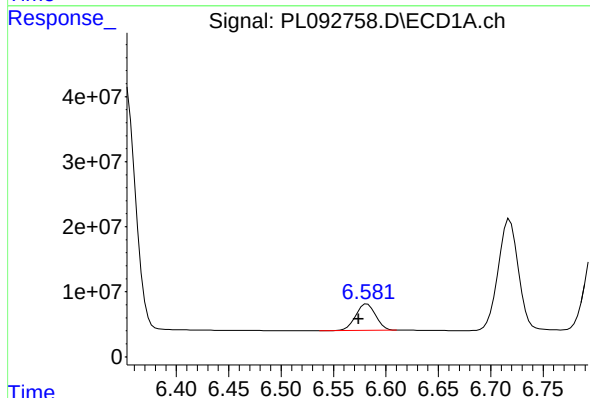
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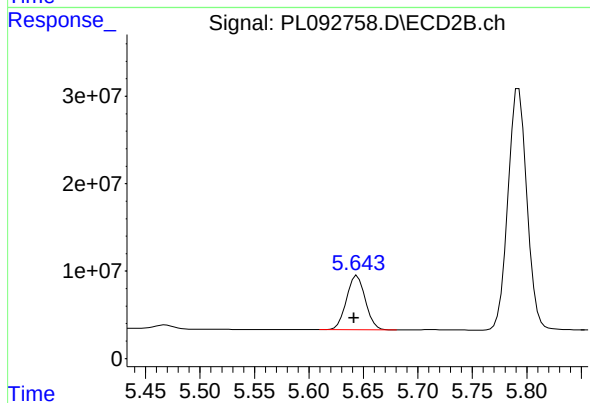
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 715974902
Conc: 214.34 ng/ml



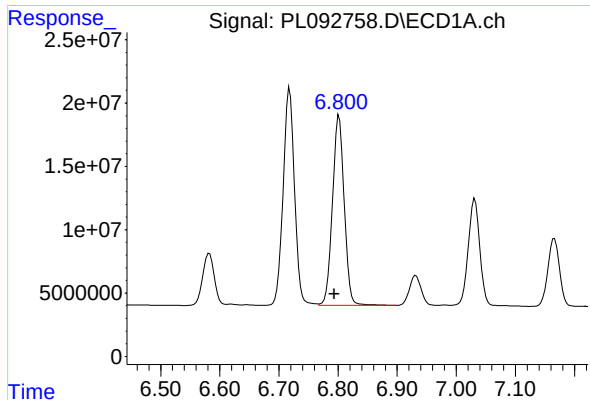
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 54124904
Conc: 23.77 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 73980631
Conc: 25.57 ng/ml



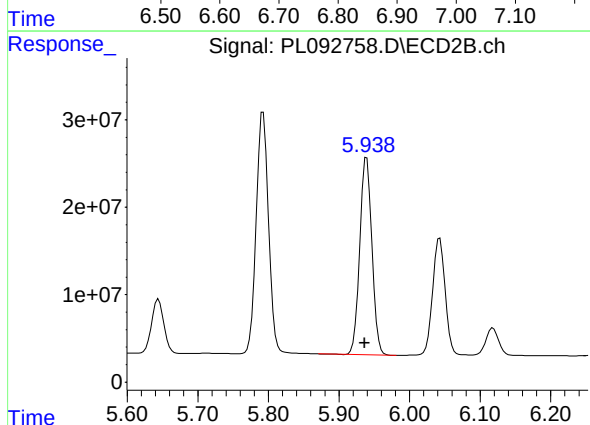
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.008 min
Response: 206979079
Conc: 86.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

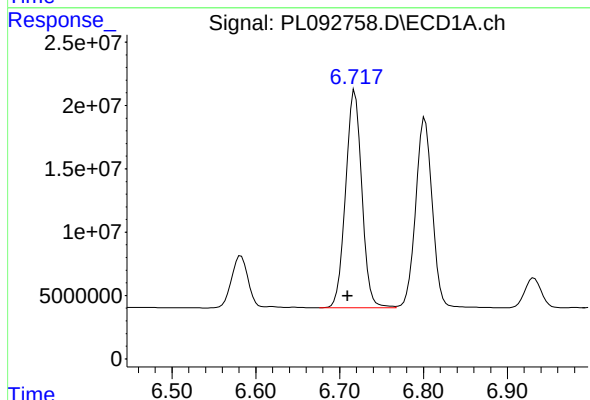
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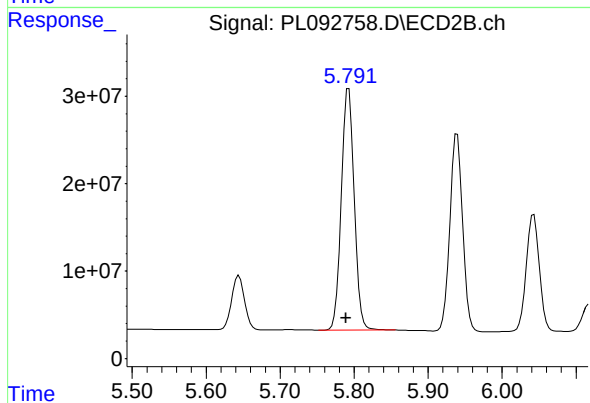
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 270260606
Conc: 95.39 ng/ml



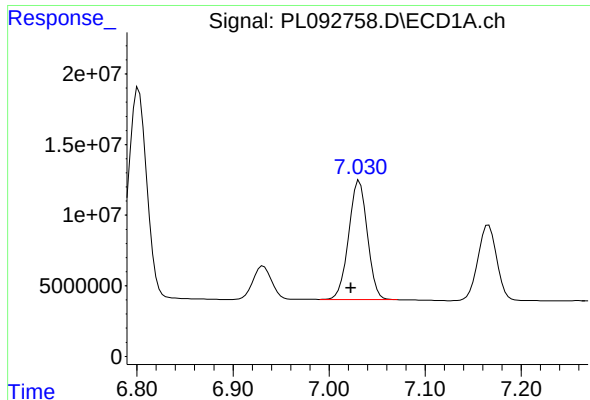
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.008 min
Response: 230486573
Conc: 120.07 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.003 min
Response: 334696637
Conc: 134.41 ng/ml



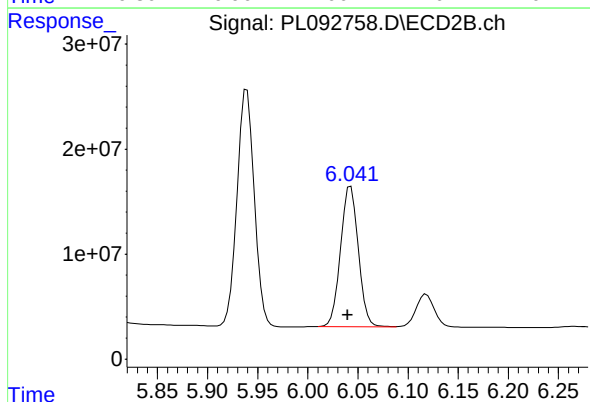
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.009 min
Response: 113845376
Conc: 55.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

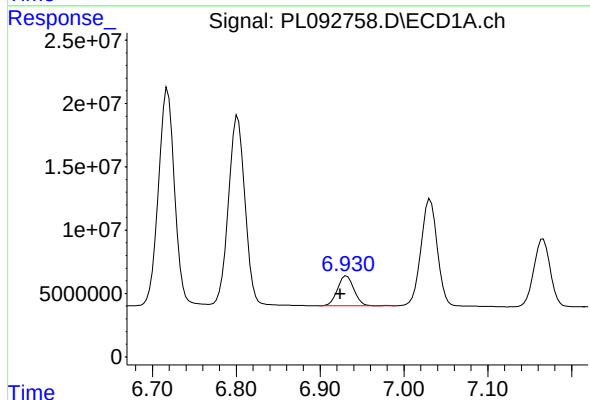
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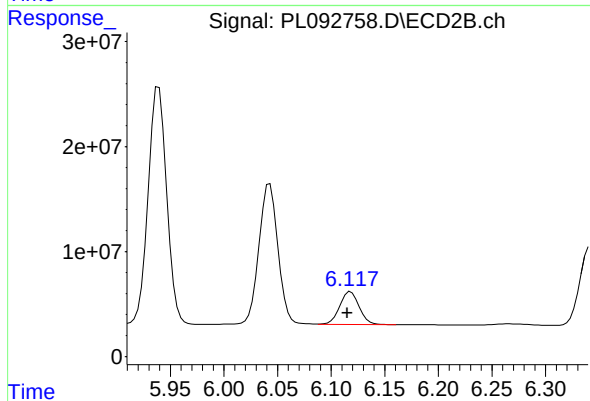
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.003 min
Response: 164346890
Conc: 61.27 ng/ml



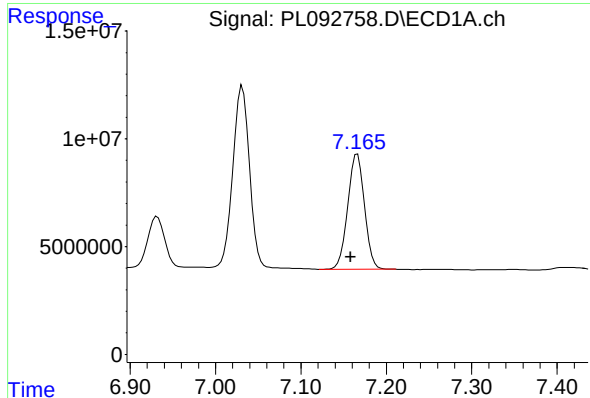
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 32732972
Conc: 17.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 39202971
Conc: 16.99 ng/ml



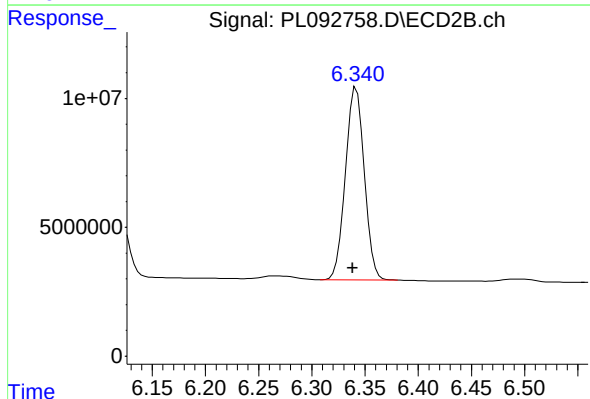
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.008 min
Response: 73018572
Conc: 33.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

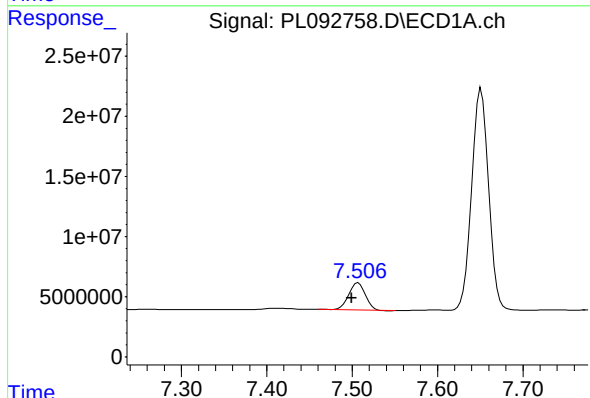
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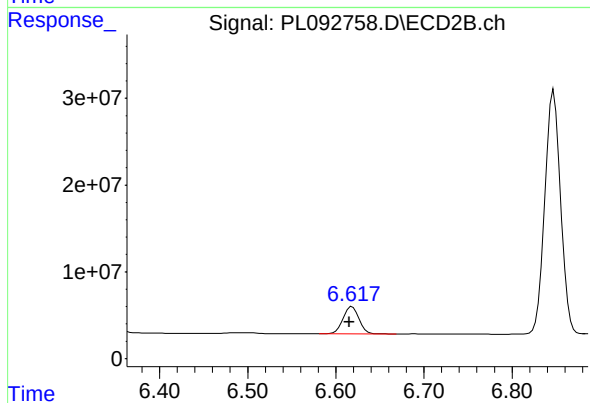
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.003 min
Response: 91606261
Conc: 33.97 ng/ml



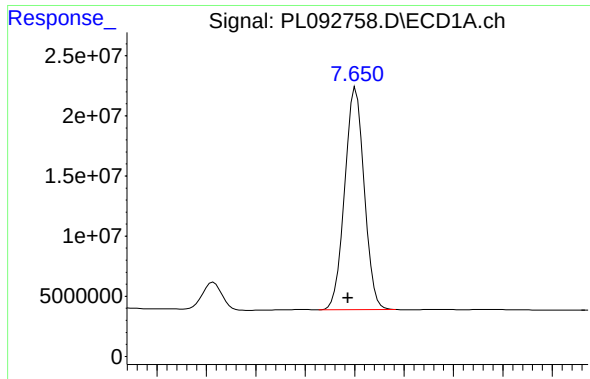
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.008 min
Response: 30843247
Conc: 27.06 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: 0.004 min
Response: 39703984
Conc: 27.80 ng/ml



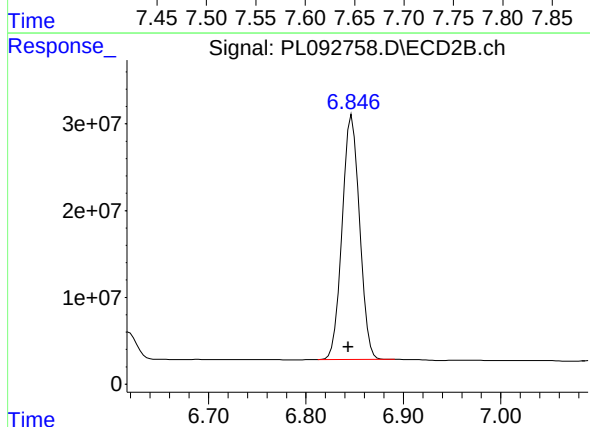
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.008 min
Response: 253410261
Conc: 104.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

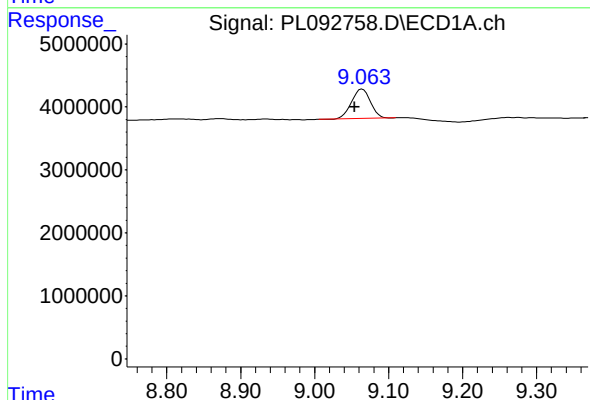
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APPROVED

Reviewed By :Abdul Mirza 11/01/2024
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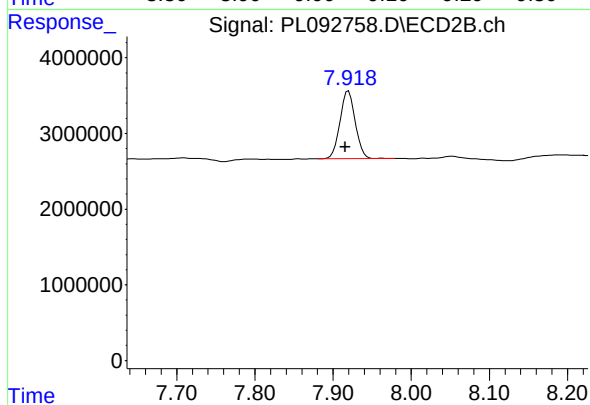
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 349805912
Conc: 113.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.010 min
Response: 8300093
Conc: 4.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 12139553
Conc: 4.45 ng/ml