

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
 Data File : PL092757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2024 13:33
 Operator : AR\AJ
 Sample : P4495-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

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 02:27:52 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...	3.548	2.779	58017088	51627621	23.678	18.973
28) SA Decachlor...	9.065	7.921	38556417	57566996	20.034	21.093
Target Compounds						
2) A alpha-BHC	4.004	3.283	2254.7E6	2637.0E6	664.807m	660.869
3) MA gamma-BHC...	4.338	3.613	1288.1E6	1592.7E6	395.176	412.668
4) MA Heptachlor	4.925	3.952	2448.3E6	3103.6E6	815.238m	822.370
5) MB Aldrin	5.268	4.231	778.7E6	1043.4E6	259.450m	285.055m
6) B beta-BHC	4.535	3.912	1102.7E6	1366.6E6	762.885	830.140
7) B delta-BHC	4.783	4.142	2681.3E6	3251.5E6	856.681	846.037
8) B Heptachlo...	5.694	4.735	669.6E6	891.9E6	242.490	266.917
9) A Endosulfan I	6.079	5.105	276.5E6	366.3E6	110.520m	119.962
10) B gamma-Chl...	5.951	4.985	1773.8E6	2420.1E6	666.665	719.903
11) B alpha-Chl...	6.030	5.049	584.3E6	811.0E6	220.659	243.845
12) B 4,4'-DDE	6.203	5.238	2286.5E6	3226.2E6	965.111	1001.418
13) MA Dieldrin	6.355	5.370	2463.2E6	3218.5E6	934.619	963.546
14) MA Endrin	6.585	5.645	255.2E6	395.2E6	112.086	136.592
15) B Endosulfa...	6.804	5.940	999.7E6	1364.2E6	419.365	481.478
16) A 4,4'-DDD	6.720	5.793	1174.1E6	1679.4E6	611.649	674.430
17) MA 4,4'-DDT	7.034	6.044	579.7E6	882.6E6	280.083	329.050
18) B Endrin al...	6.934	6.120	144.6E6	193.6E6	76.979	83.904
19) B Endosulfa...	7.168	6.342	331.7E6	465.4E6	152.854	172.565
20) A Methoxychlor	7.509	6.619	139.8E6	190.3E6	122.616	133.257
21) B Endrin ke...	7.654	6.848	1240.1E6	1647.1E6	511.860	536.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
Data File : PL092757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2024 13:33
Operator : AR\AJ
Sample : P4495-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

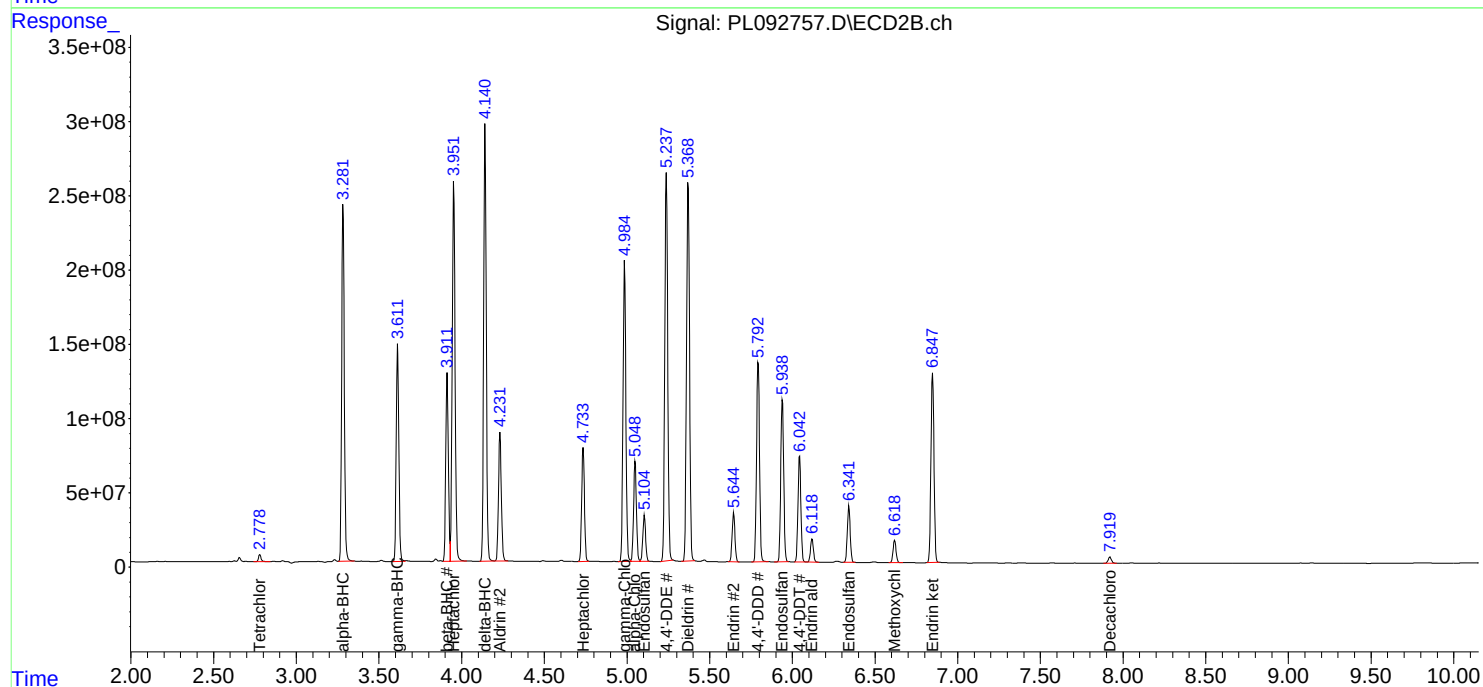
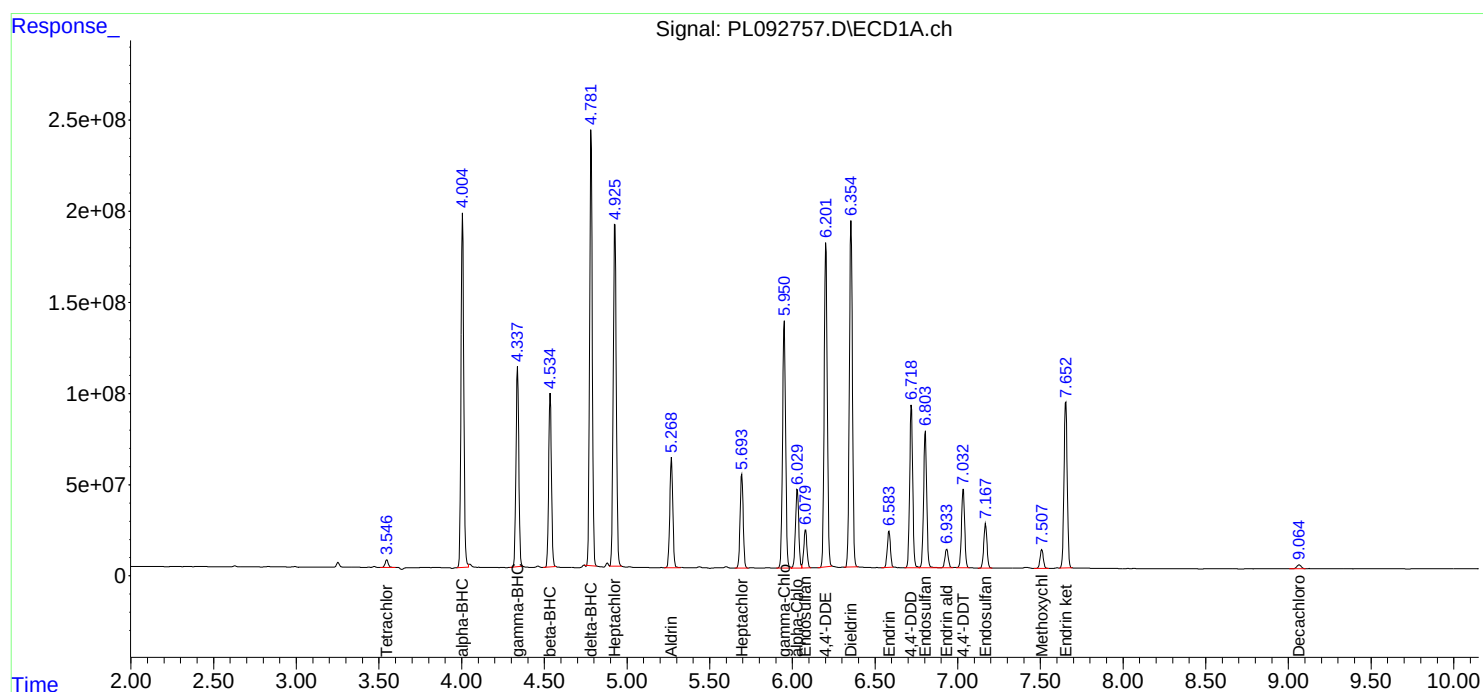
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

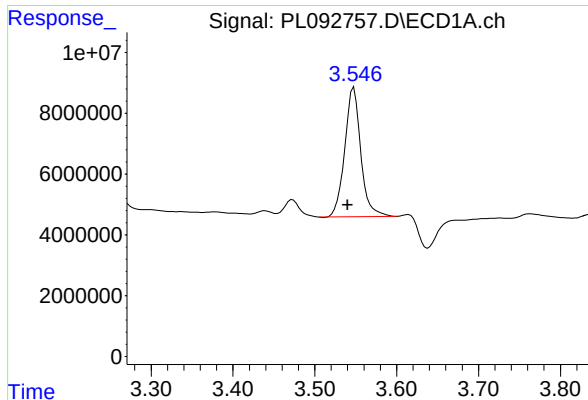
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 02:27:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





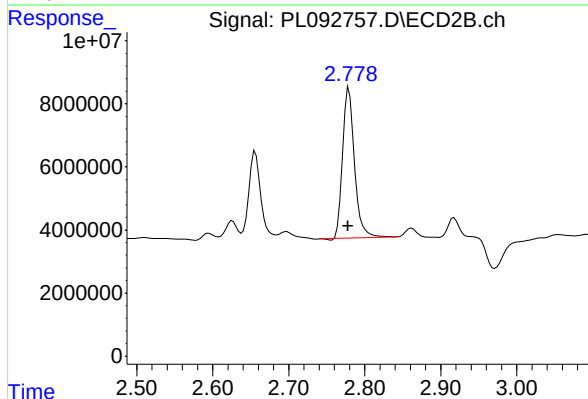
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 58017088
Conc: 23.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

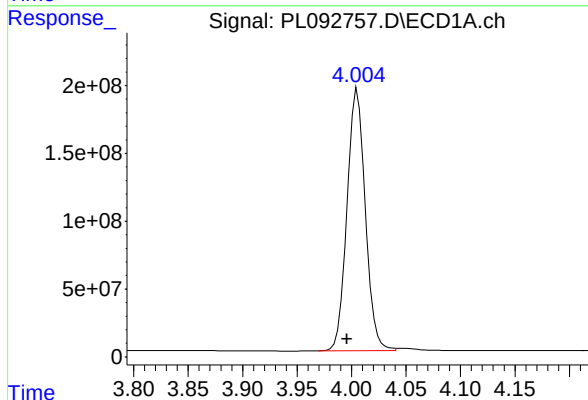
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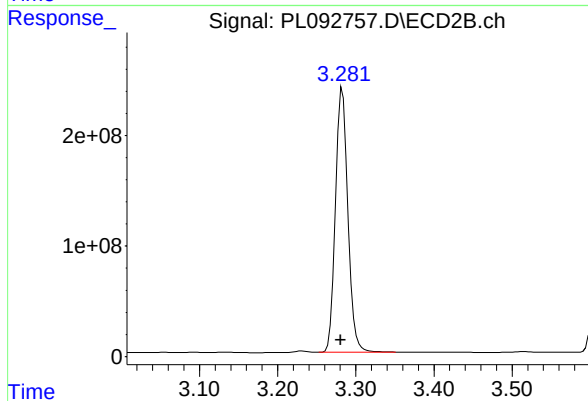
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.001 min
Response: 51627621
Conc: 18.97 ng/ml



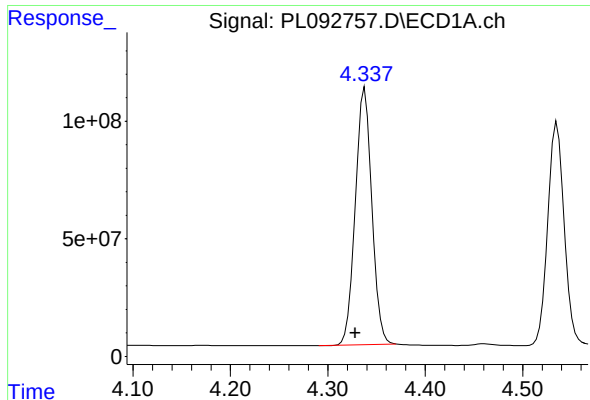
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.008 min
Response: 2254738975
Conc: 664.81 ng/ml m



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: 0.002 min
Response: 2636979347
Conc: 660.87 ng/ml



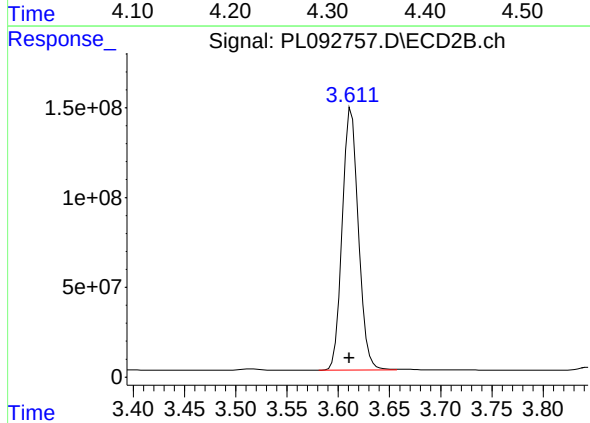
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.010 min
Response: 1288099828
Conc: 395.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

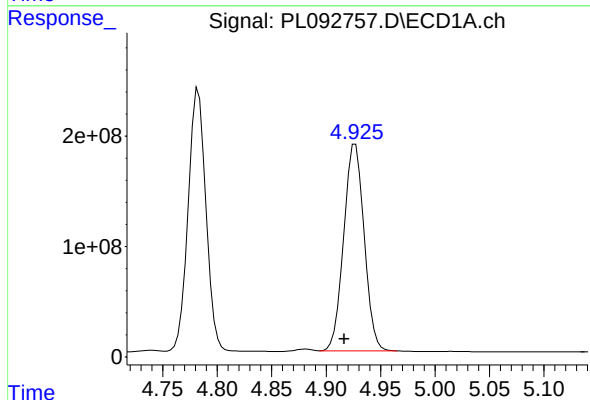
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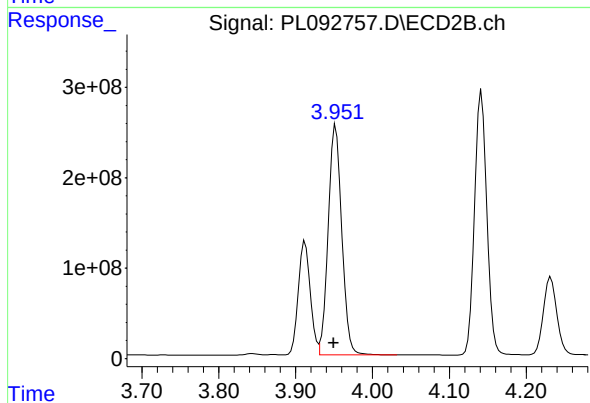
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: 0.002 min
Response: 1592671103
Conc: 412.67 ng/ml



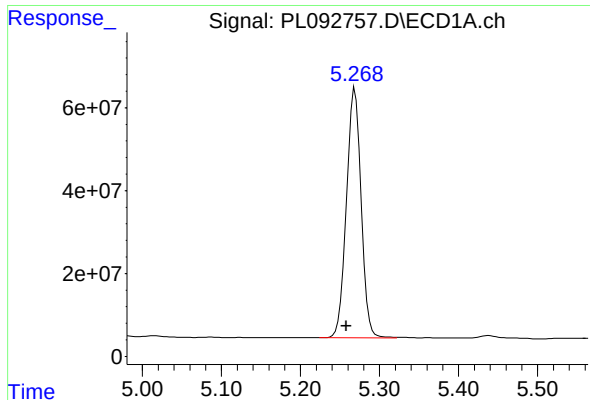
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.009 min
Response: 2448252512
Conc: 815.24 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.003 min
Response: 3103563805
Conc: 822.37 ng/ml



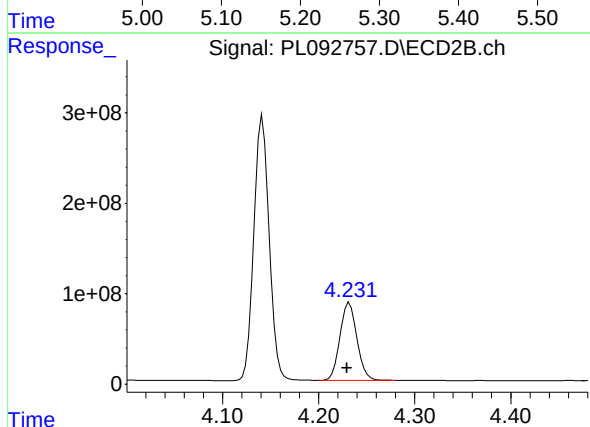
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.010 min
Response: 778735252
Conc: 259.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

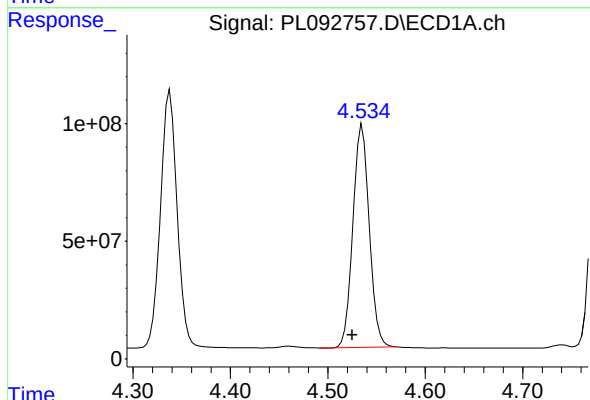
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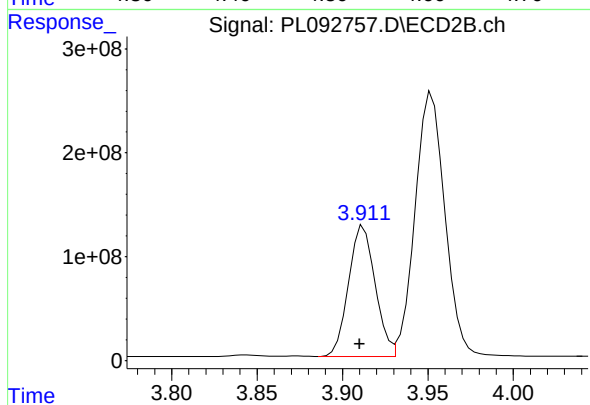
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 1043362800
Conc: 285.06 ng/ml m



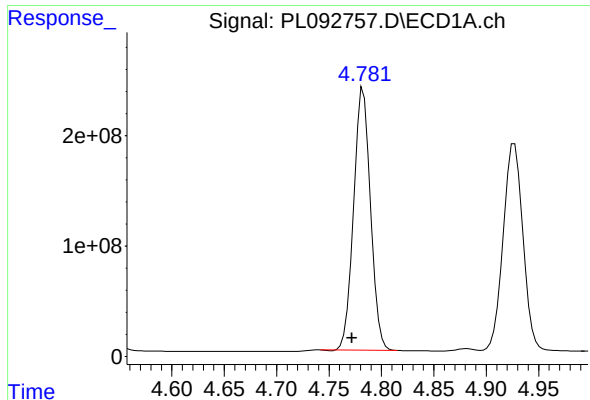
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.010 min
Response: 1102720681
Conc: 762.89 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 1366616694
Conc: 830.14 ng/ml



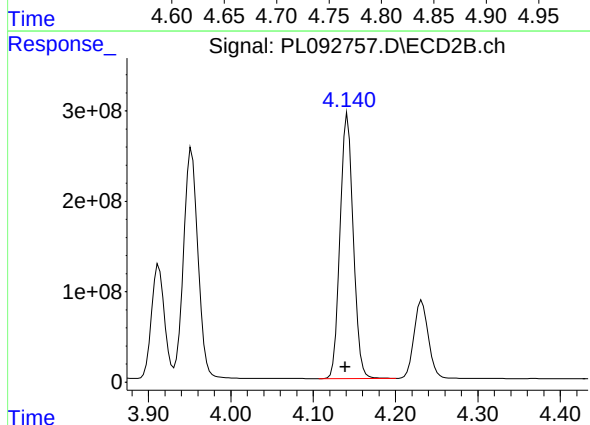
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.011 min
Response: 2681303037
Conc: 856.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

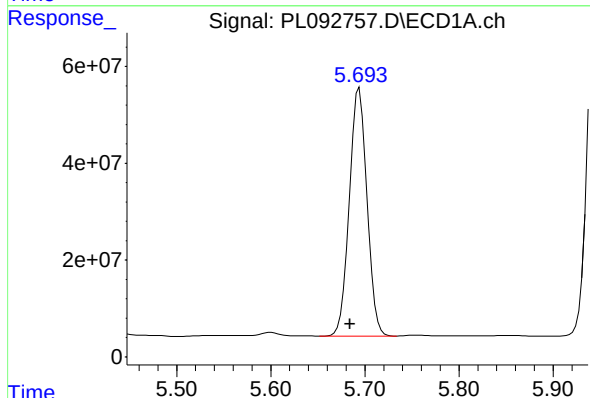
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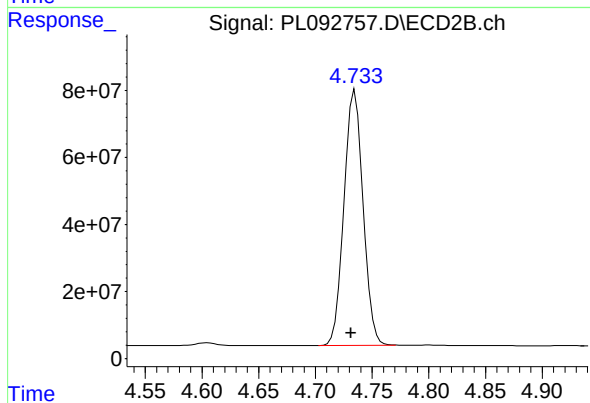
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: 0.003 min
Response: 3251452817
Conc: 846.04 ng/ml



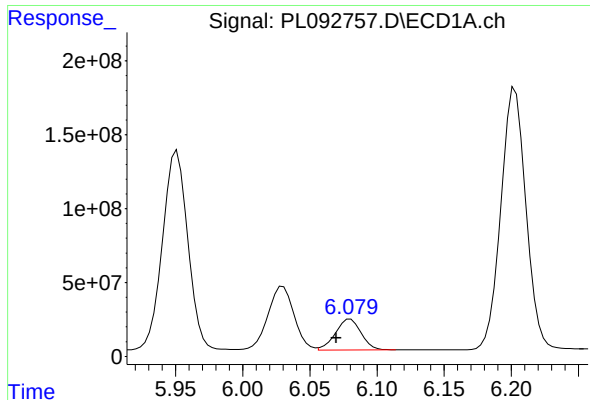
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.010 min
Response: 669615406
Conc: 242.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: 0.003 min
Response: 891876511
Conc: 266.92 ng/ml



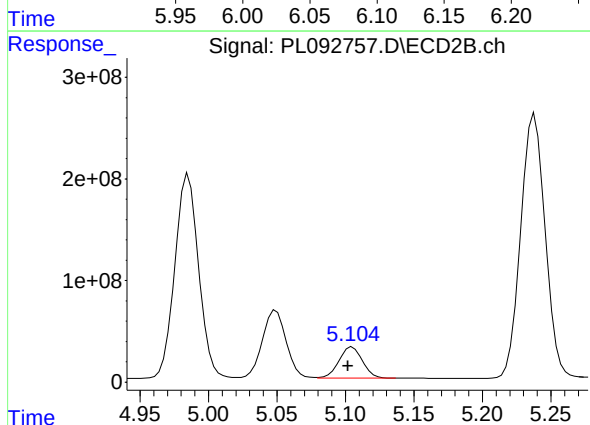
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.009 min
Response: 276450956
Conc: 110.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

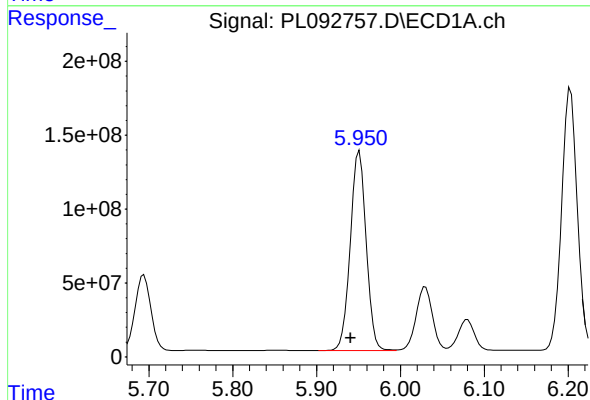
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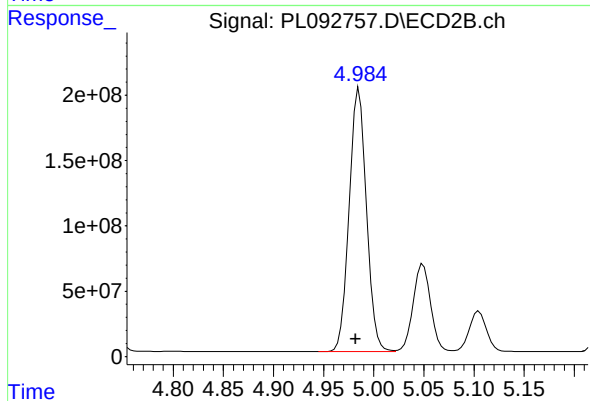
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: 0.003 min
Response: 366259803
Conc: 119.96 ng/ml



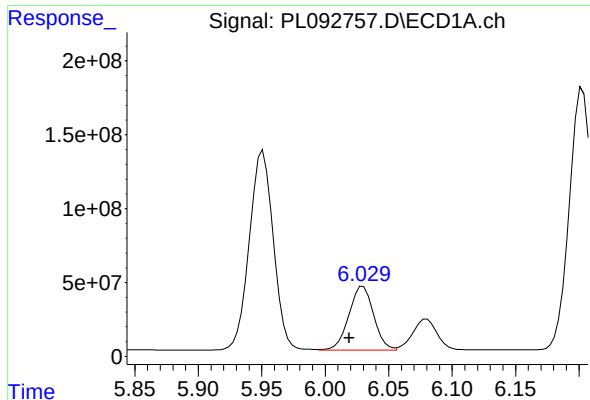
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.010 min
Response: 1773755112
Conc: 666.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 2420092448
Conc: 719.90 ng/ml



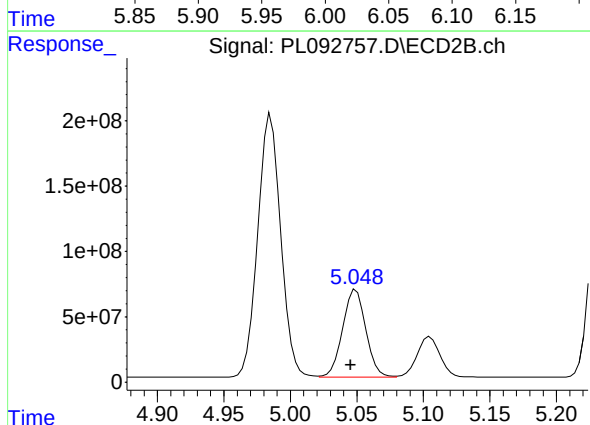
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.011 min
Response: 584335222
Conc: 220.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

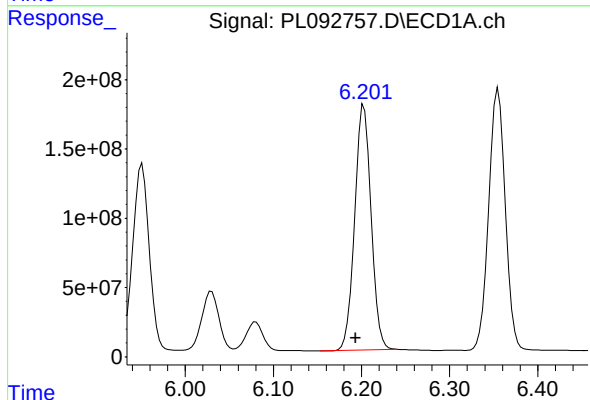
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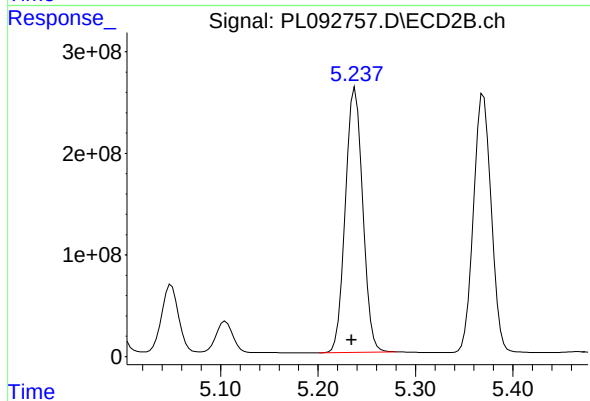
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: 0.004 min
Response: 811034476
Conc: 243.84 ng/ml



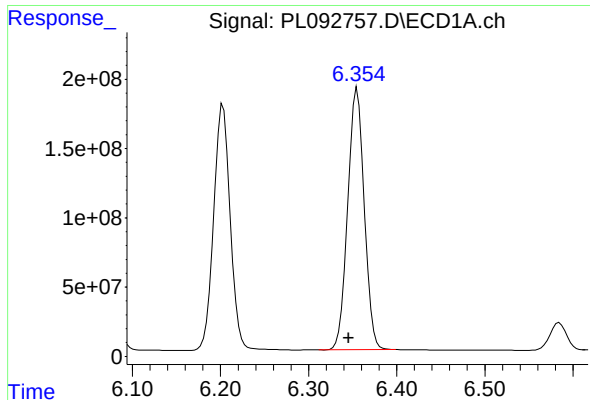
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.010 min
Response: 2286530990
Conc: 965.11 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: 0.004 min
Response: 3226178276
Conc: 1001.42 ng/ml



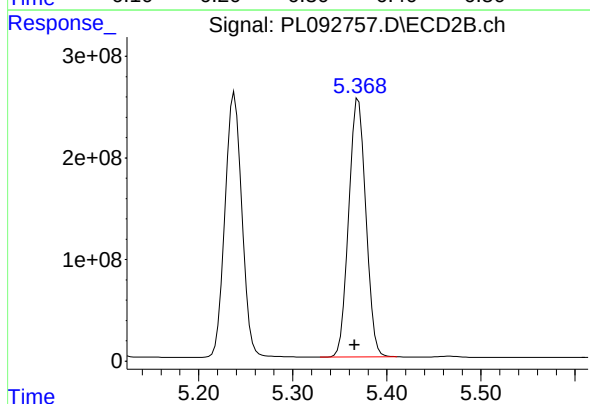
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.010 min
Response: 2463166975
Conc: 934.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

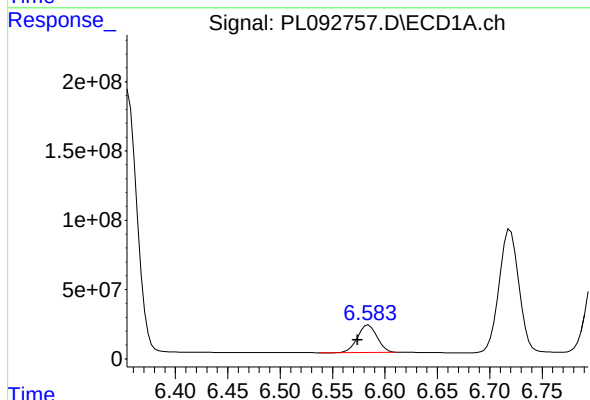
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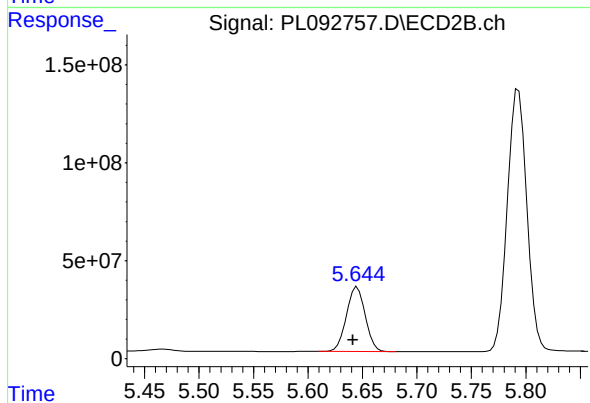
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: 0.004 min
Response: 3218537962
Conc: 963.55 ng/ml



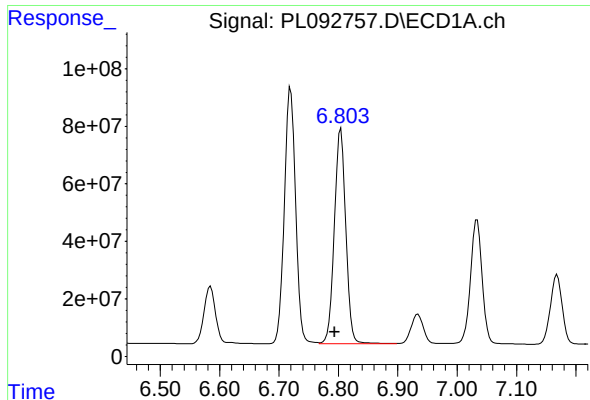
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.010 min
Response: 255181280
Conc: 112.09 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 395160386
Conc: 136.59 ng/ml



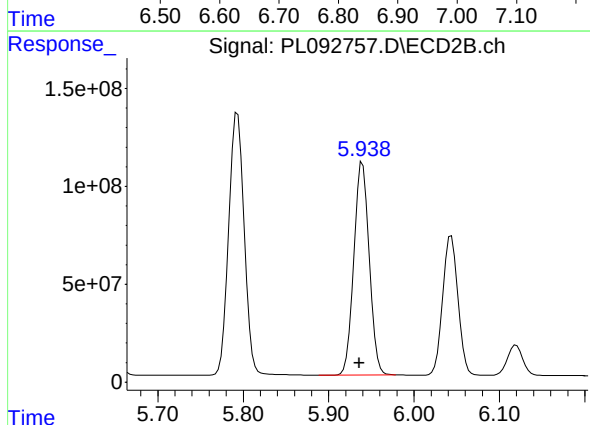
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.010 min
Response: 999694911
Conc: 419.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

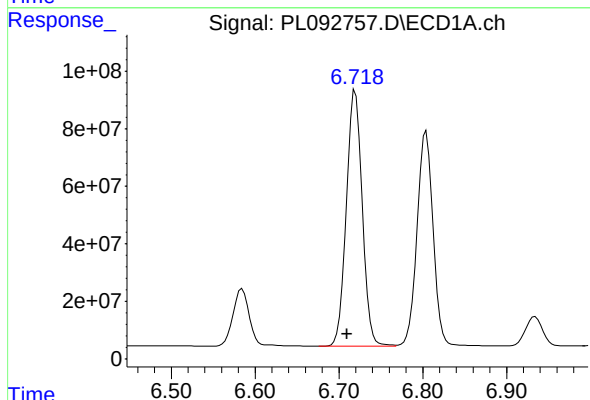
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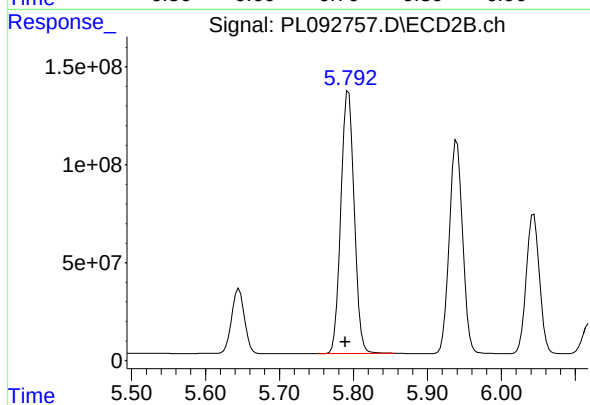
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 1364159141
Conc: 481.48 ng/ml



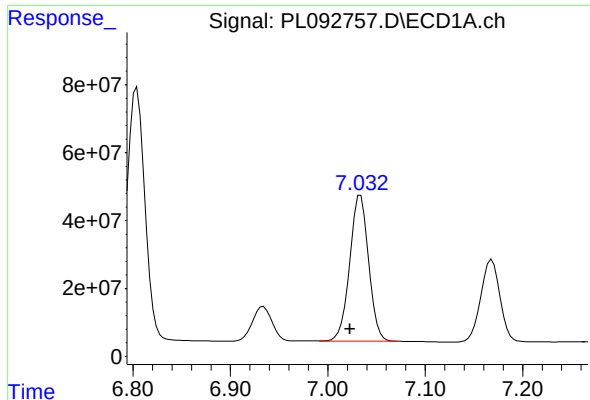
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.010 min
Response: 1174075174
Conc: 611.65 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 1679373666
Conc: 674.43 ng/ml



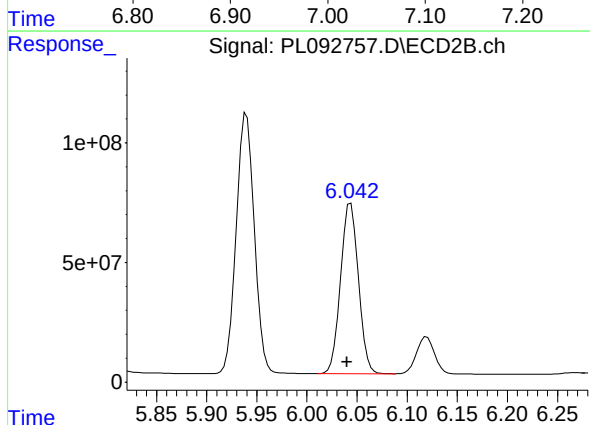
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.011 min
Response: 579701963
Conc: 280.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

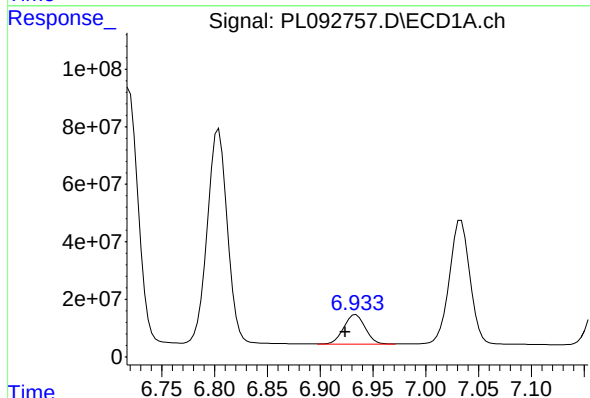
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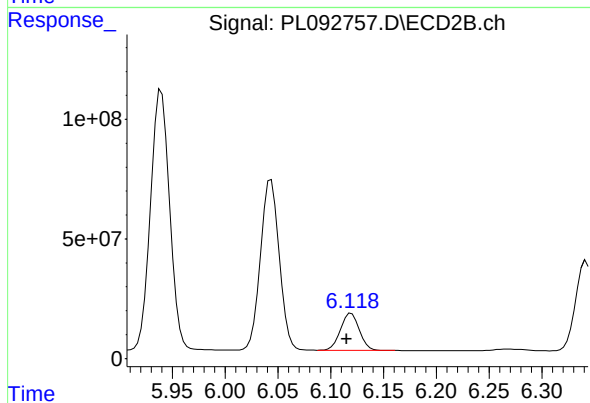
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: 0.004 min
Response: 882596381
Conc: 329.05 ng/ml



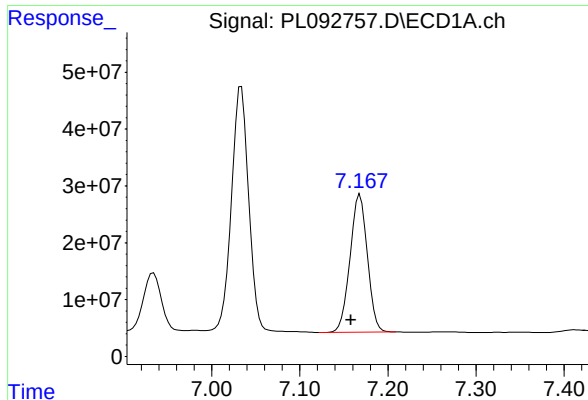
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.010 min
Response: 144563869
Conc: 76.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: 0.004 min
Response: 193590706
Conc: 83.90 ng/ml



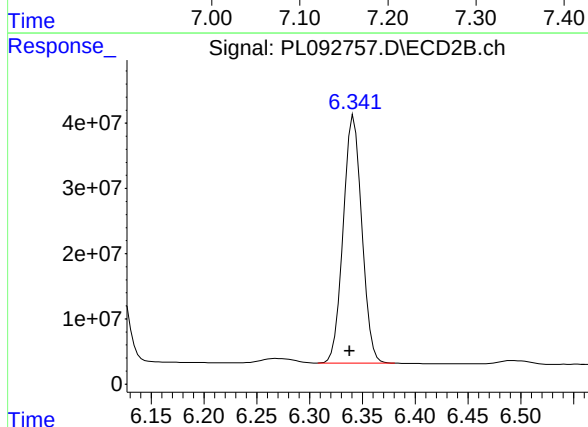
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.010 min
Response: 331745823
Conc: 152.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

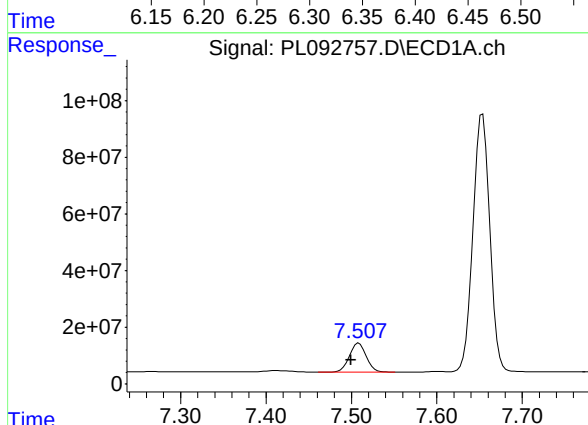
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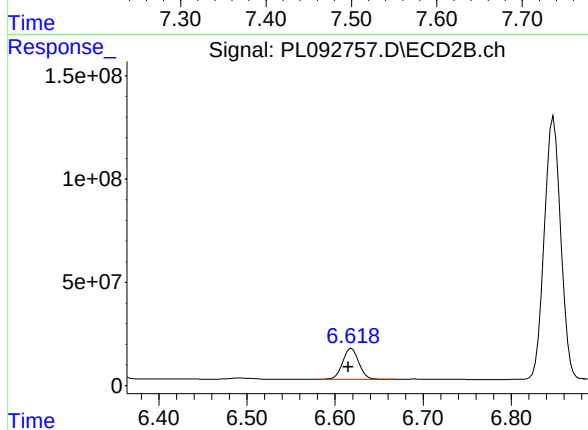
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.004 min
Response: 465386712
Conc: 172.57 ng/ml



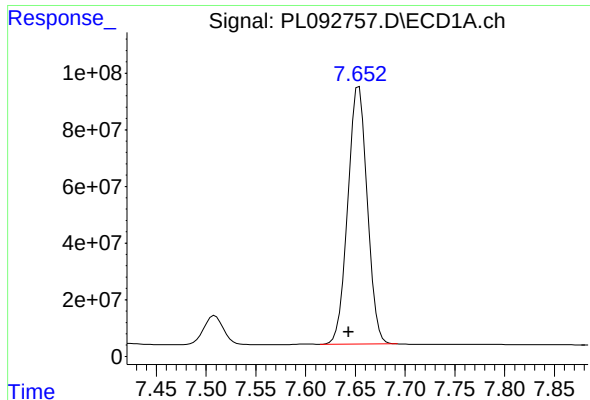
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.009 min
Response: 139782413
Conc: 122.62 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: 0.004 min
Response: 190294857
Conc: 133.26 ng/ml



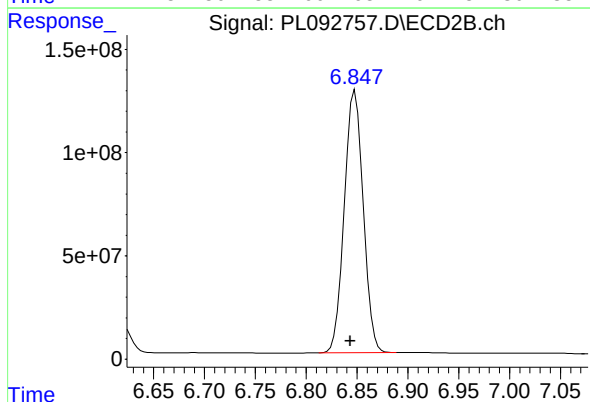
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.011 min
Response: 1240141689
Conc: 511.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

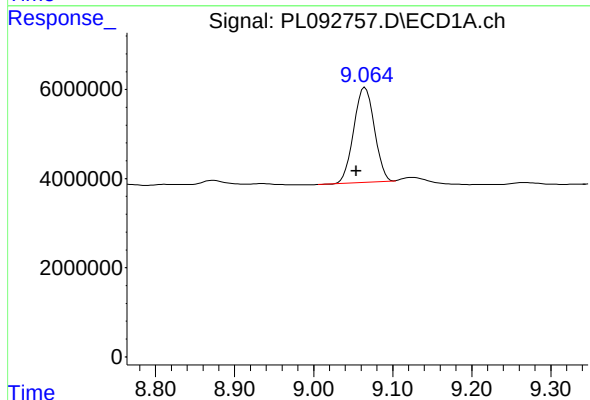
Manual Integrations
APPROVED

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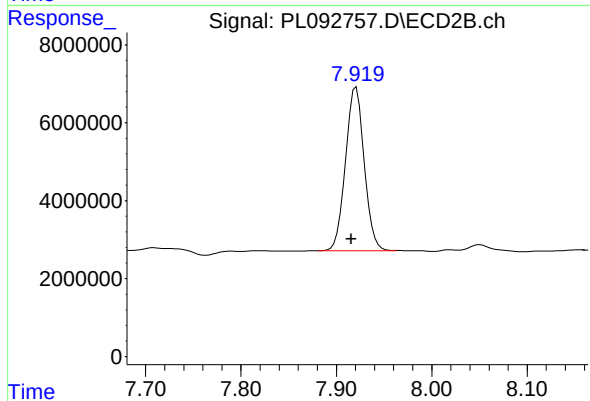
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: 0.005 min
Response: 1647066311
Conc: 536.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.011 min
Response: 38556417
Conc: 20.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: 0.005 min
Response: 57566996
Conc: 21.09 ng/ml