

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
 Data File : PL092819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2024 11:26
 Operator : AR\AJ
 Sample : P4495-20DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILDL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/05/2024
 Supervised By :Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:10:26 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...	3.542	2.778	29328724	27219442	11.970	10.003m
28)	SA Decachlor...	9.057	7.915	18517199	26427952	9.622	9.683
Target Compounds							
2)	A alpha-BHC	3.999	3.282	1050.1E6	1376.1E6	309.614	344.876
3)	MA gamma-BHC...	4.331	3.611	600.2E6	812.5E6	184.148	210.522
4)	MA Heptachlor	4.920	3.950	1160.2E6	1693.7E6	386.336	448.792
5)	MB Aldrin	5.261	4.230	366.7E6	529.8E6	122.178	144.737
6)	B beta-BHC	4.529	3.911	527.1E6	707.6E6	364.690	429.809
7)	B delta-BHC	4.776	4.140	1235.4E6	1686.4E6	394.712	438.810
8)	B Heptachlo...	5.687	4.732	314.5E6	456.8E6	113.899	136.699
9)	A Endosulfan I	6.072	5.102	132.1E6	181.0E6	52.793	59.286
10)	B gamma-Chl...	5.943	4.982	812.2E6	1246.1E6	305.282	370.691
11)	B alpha-Chl...	6.022	5.046	271.9E6	400.9E6	102.680	120.532
12)	B 4,4'-DDE	6.196	5.235	1041.1E6	1662.3E6	439.431	515.974
13)	MA Dieldrin	6.348	5.366	1154.6E6	1724.2E6	438.095	516.182
14)	MA Endrin	6.577	5.641	120.7E6	189.0E6	53.015	65.313
15)	B Endosulfa...	6.797	5.936	467.9E6	679.0E6	196.291	239.668
16)	A 4,4'-DDD	6.713	5.789	517.4E6	815.3E6	269.556	327.429
17)	MA 4,4'-DDT	7.027	6.039	261.1E6	420.7E6	126.137	156.841
18)	B Endrin al...	6.927	6.115	69882626	93742886	37.212	40.629
19)	B Endosulfa...	7.161	6.339	157.9E6	223.9E6	72.745	83.009
20)	A Methoxychlor	7.502	6.615	66761966	89573522	58.563	62.725
21)	B Endrin ke...	7.645	6.844	570.4E6	825.1E6	235.420	268.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
Data File : PL092819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2024 11:26
Operator : AR\AJ
Sample : P4495-20DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

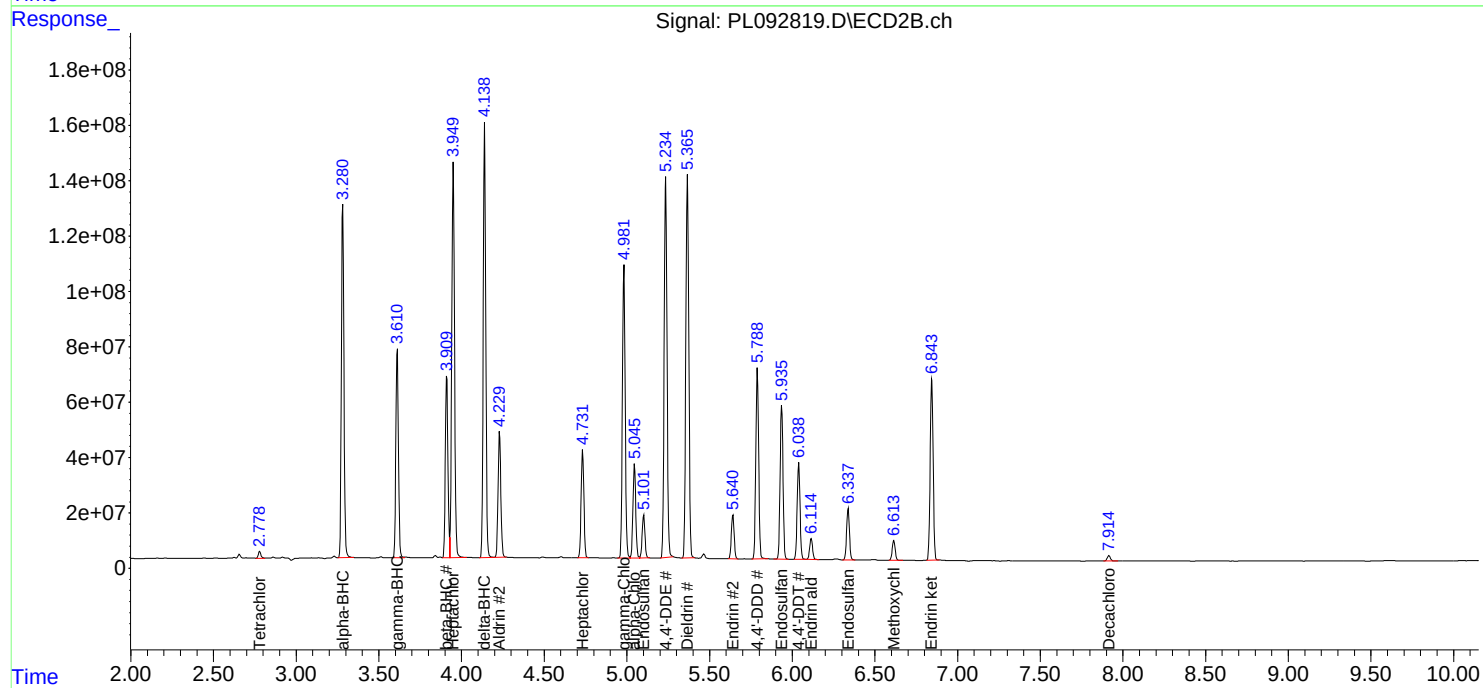
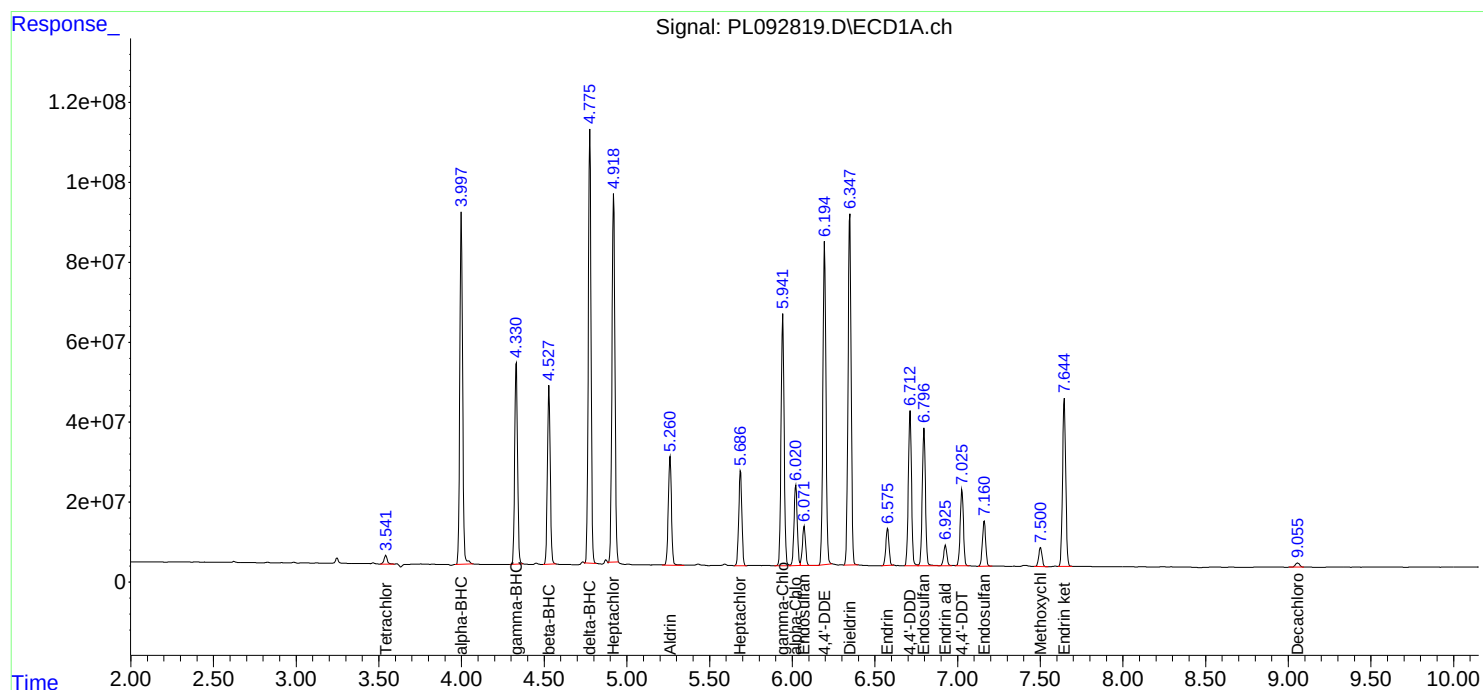
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

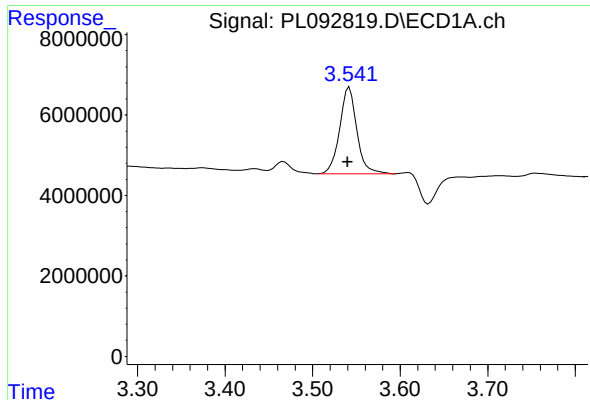
Manual Integrations
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Supervised By :Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:10:26 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
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





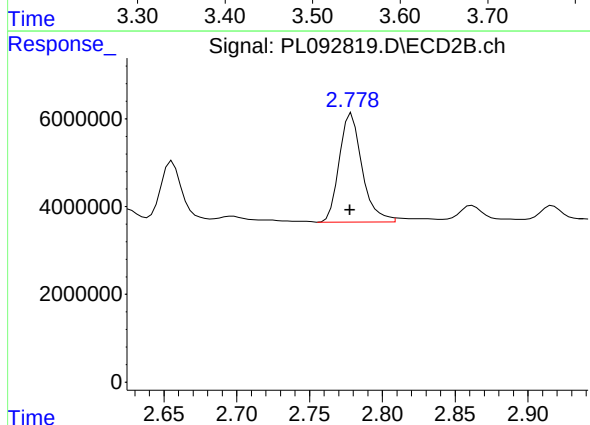
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 29328724
Conc: 11.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

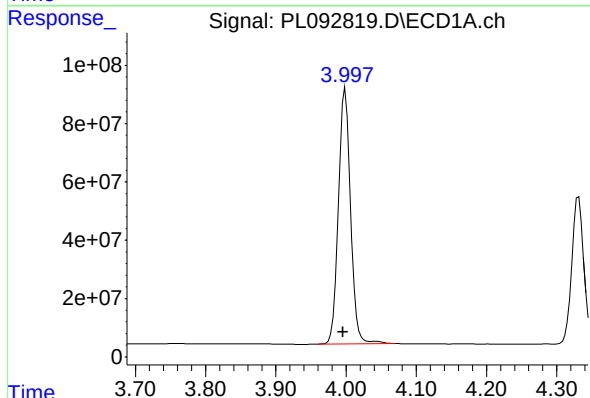
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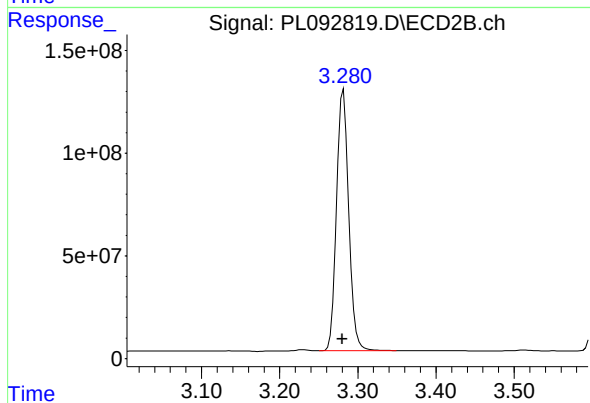
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27219442
Conc: 10.00 ng/ml



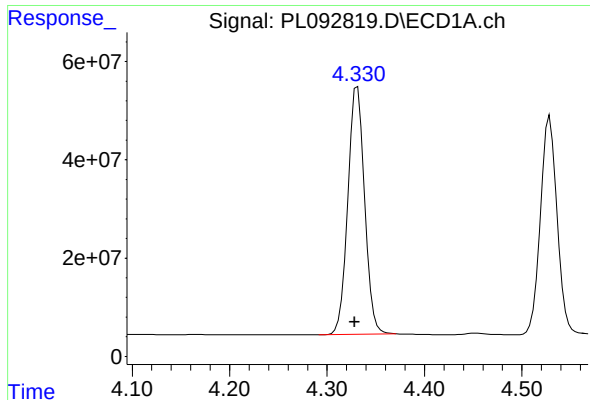
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.003 min
Response: 1050076916
Conc: 309.61 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 1376114442
Conc: 344.88 ng/ml



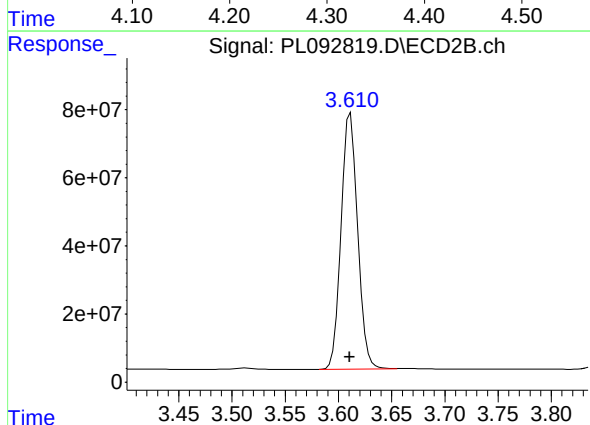
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 600242540
Conc: 184.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

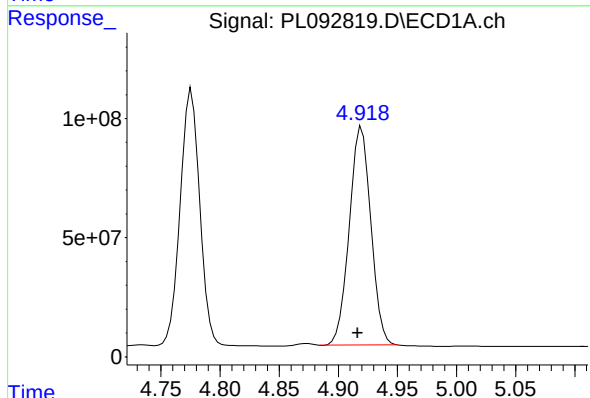
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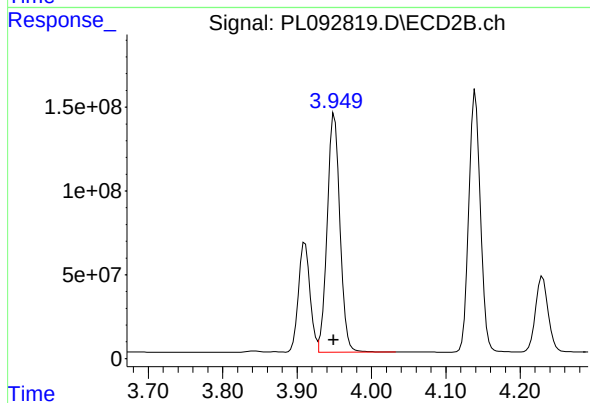
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 812498389
Conc: 210.52 ng/ml



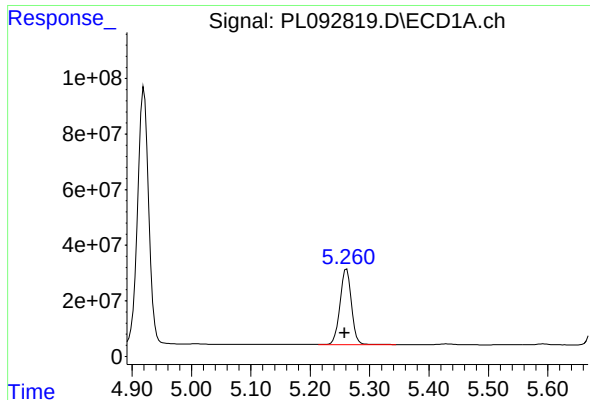
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.003 min
Response: 1160209895
Conc: 386.34 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 1693706577
Conc: 448.79 ng/ml



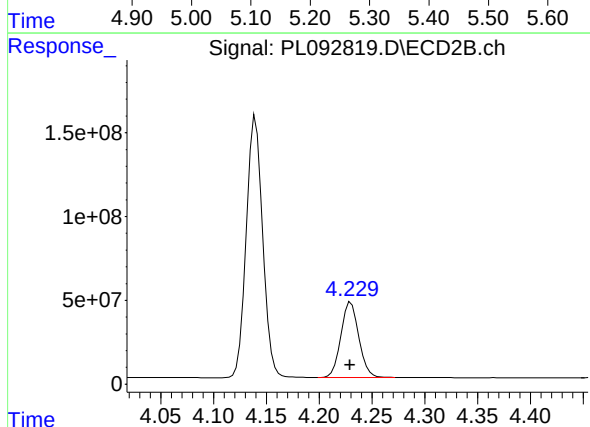
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.003 min
Response: 366714325
Conc: 122.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

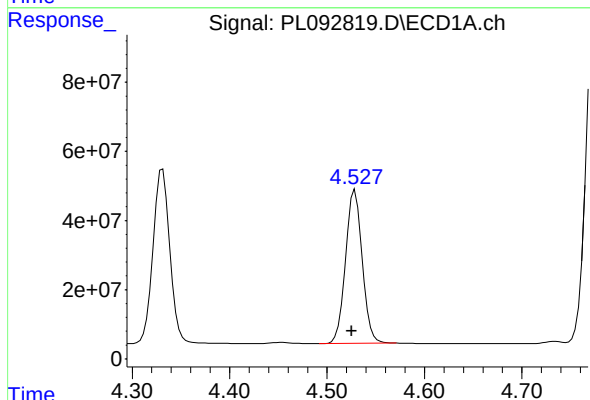
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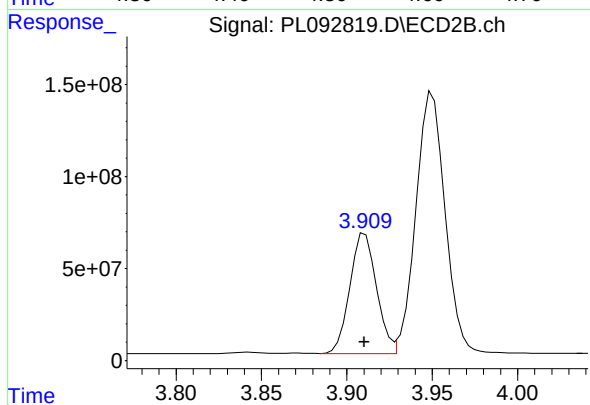
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 529767668
Conc: 144.74 ng/ml



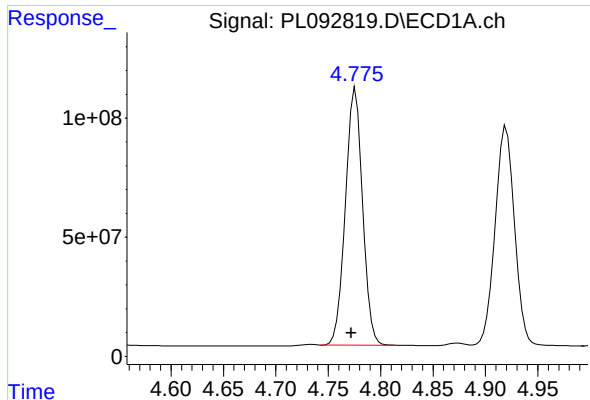
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 527144803
Conc: 364.69 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 707572162
Conc: 429.81 ng/ml



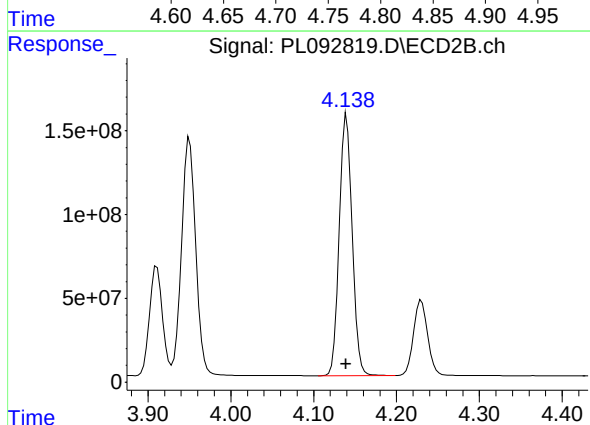
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 1235400195
Conc: 394.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

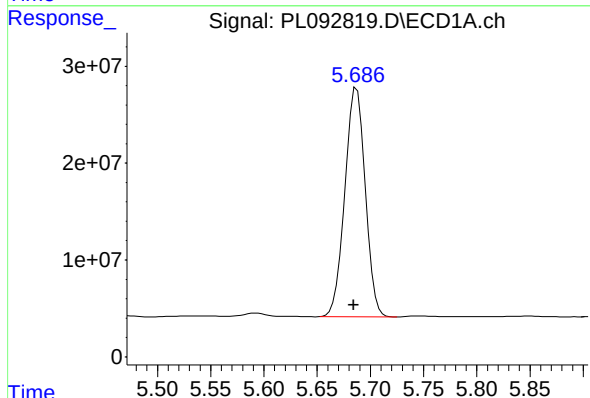
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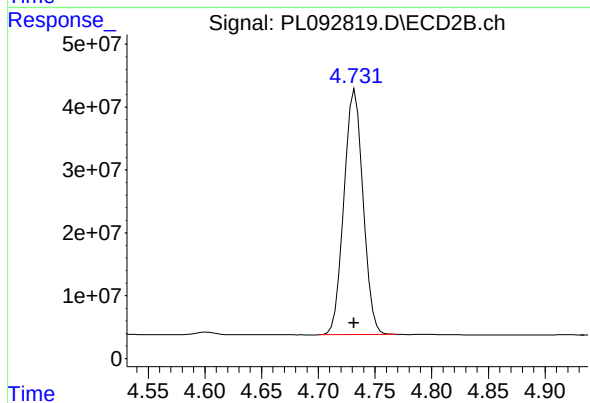
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 1686415369
Conc: 438.81 ng/ml



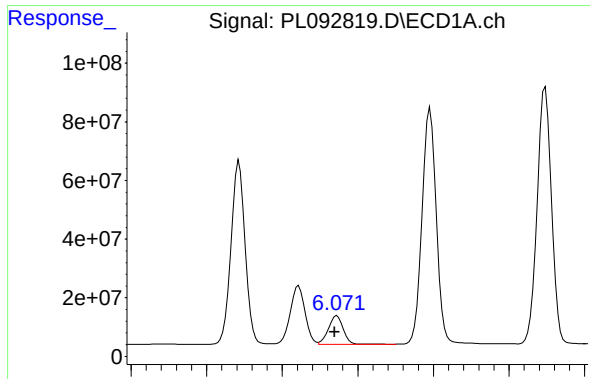
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 314521319
Conc: 113.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 456767171
Conc: 136.70 ng/ml



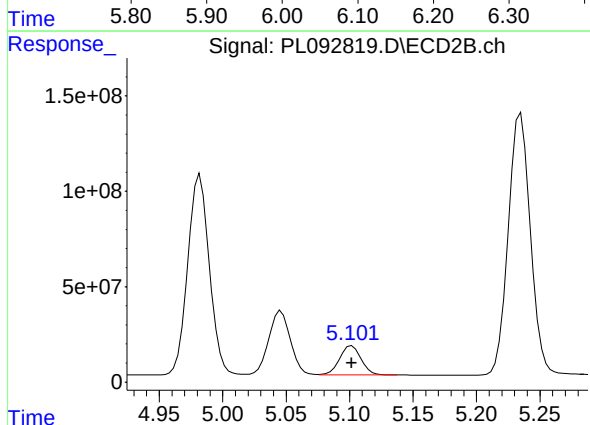
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 132055077
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

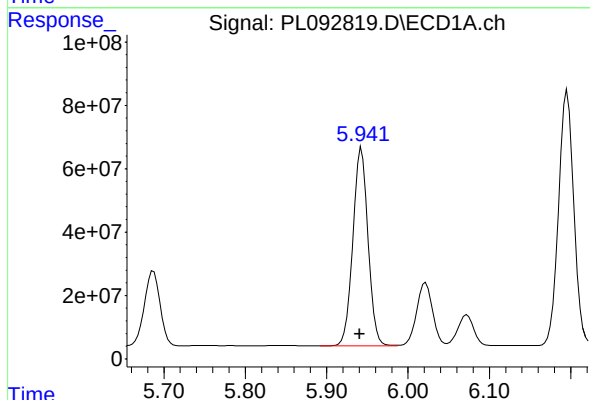
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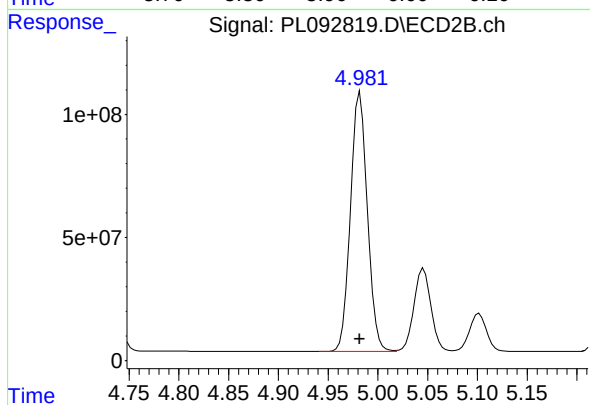
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 181007910
Conc: 59.29 ng/ml



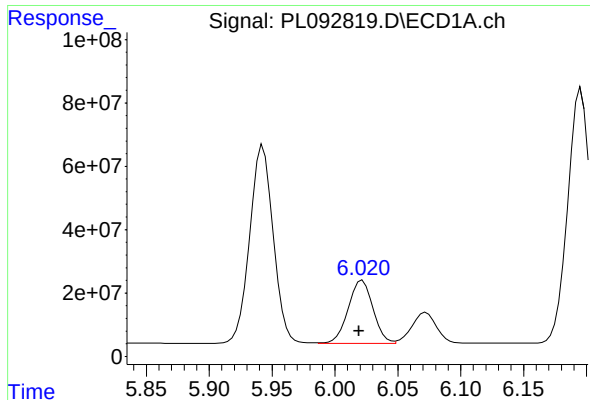
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 812244665
Conc: 305.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 1246148528
Conc: 370.69 ng/ml



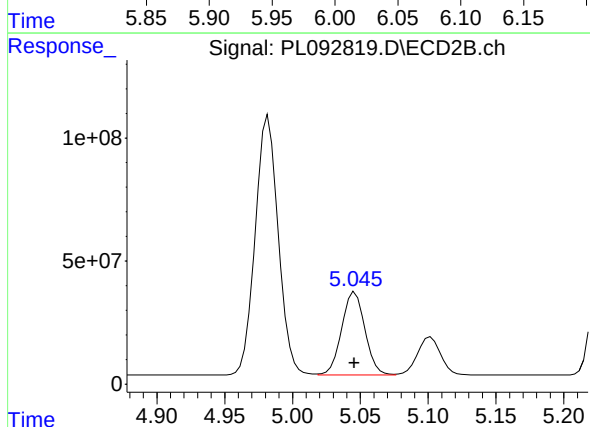
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 271910547
Conc: 102.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

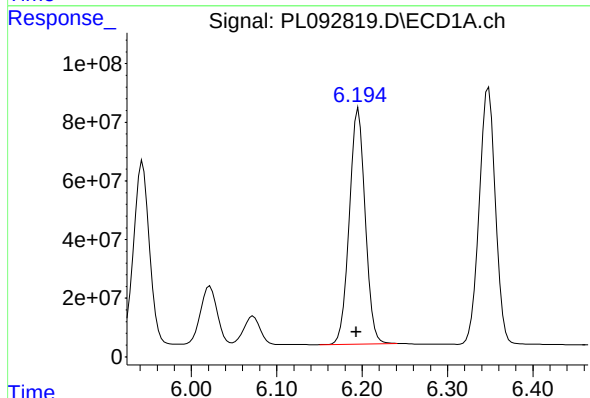
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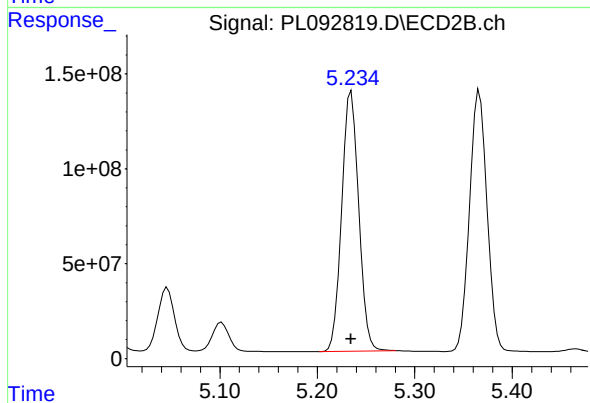
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 400892045
Conc: 120.53 ng/ml



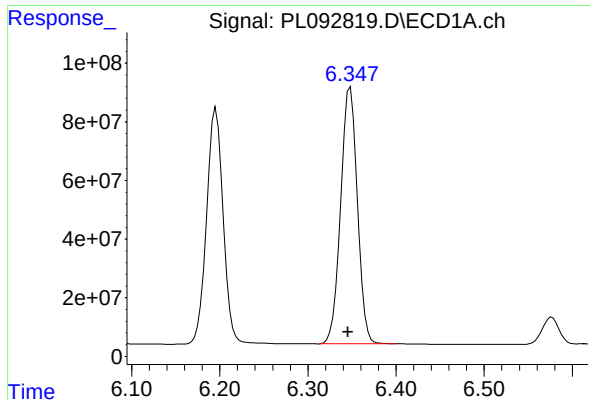
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 1041094651
Conc: 439.43 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 1662267040
Conc: 515.97 ng/ml



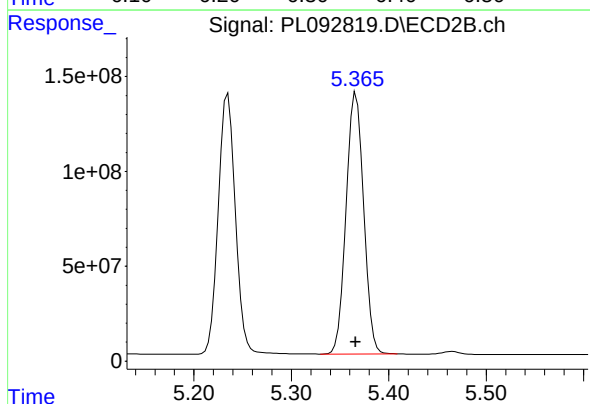
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.003 min
Response: 1154589784
Conc: 438.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

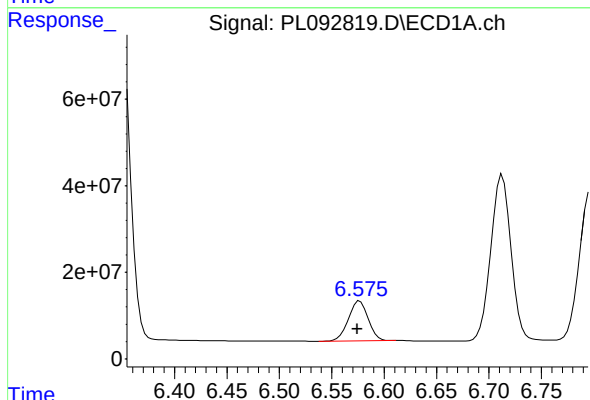
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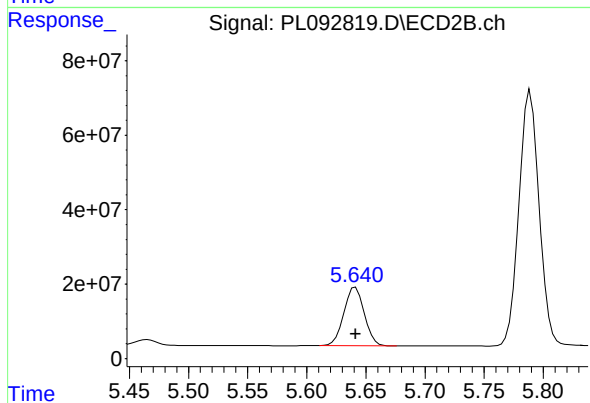
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 1724206234
Conc: 516.18 ng/ml



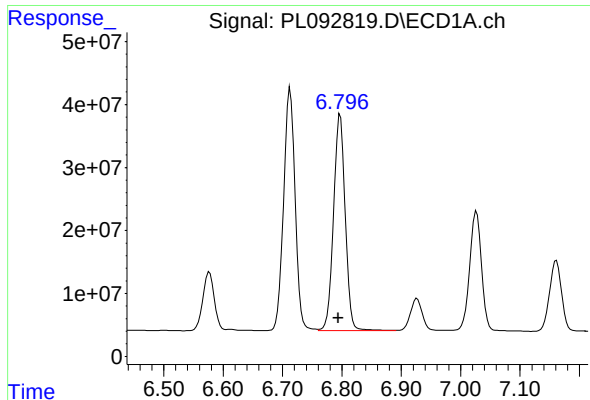
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 120697306
Conc: 53.02 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 188950787
Conc: 65.31 ng/ml



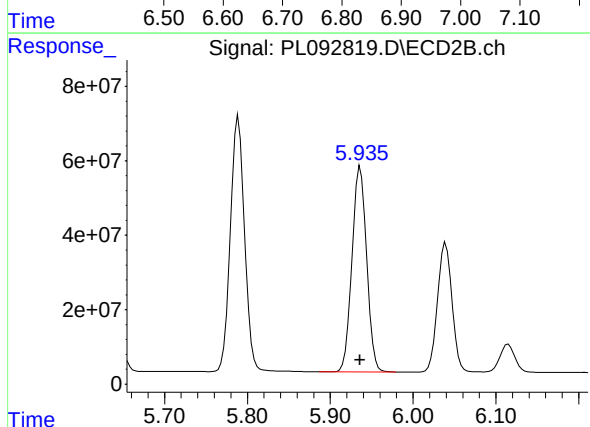
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 467923984
Conc: 196.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

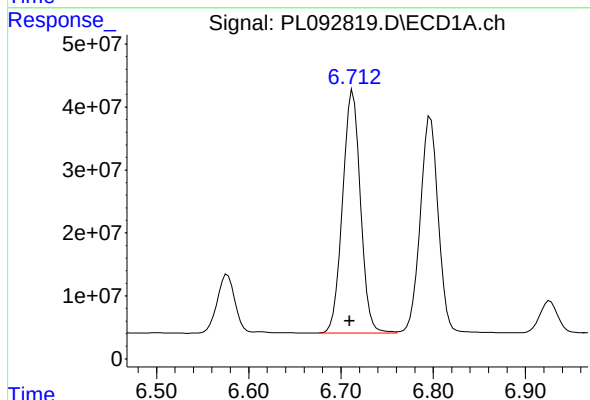
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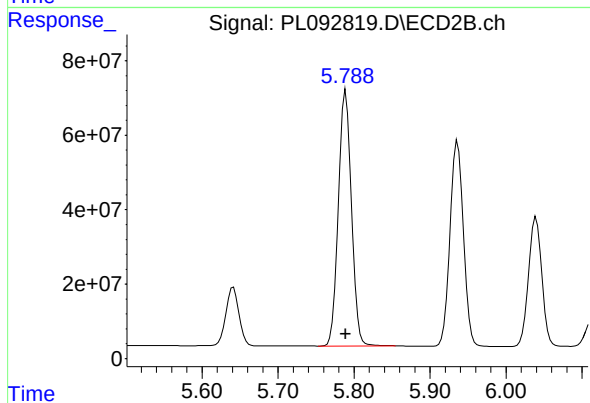
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 679046741
Conc: 239.67 ng/ml



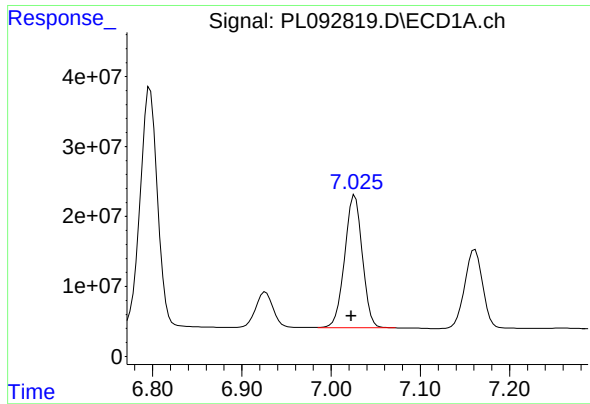
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 517419429
Conc: 269.56 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 815320138
Conc: 327.43 ng/ml



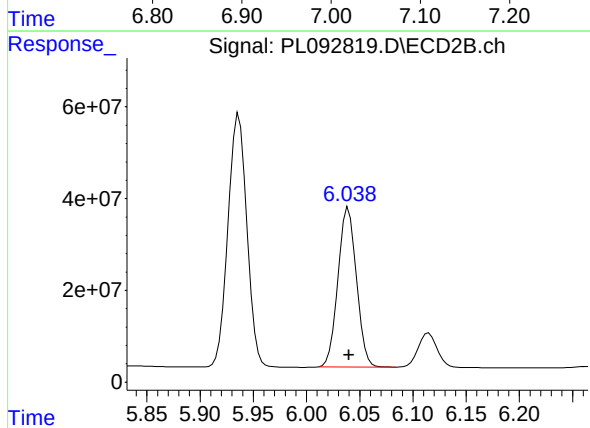
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 261072089
Conc: 126.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

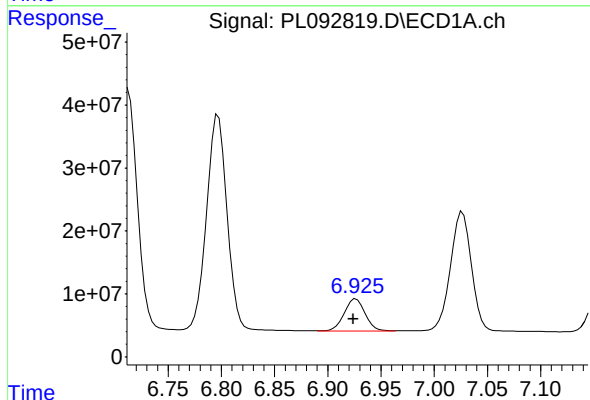
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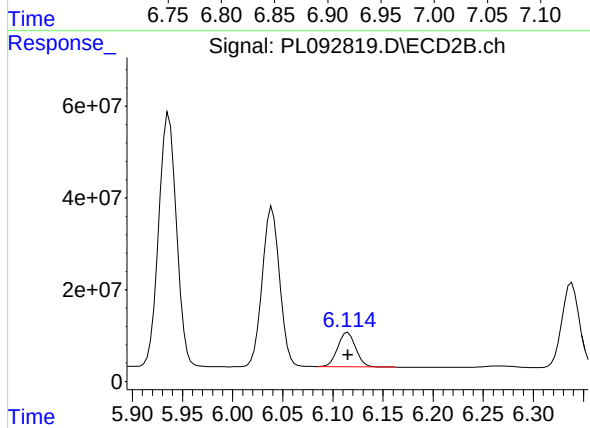
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 420687008
Conc: 156.84 ng/ml



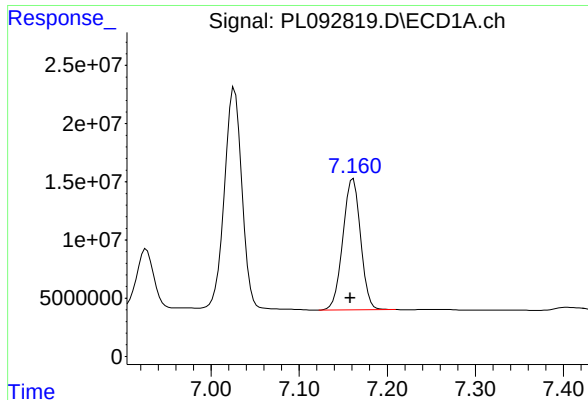
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 69882626
Conc: 37.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 93742886
Conc: 40.63 ng/ml



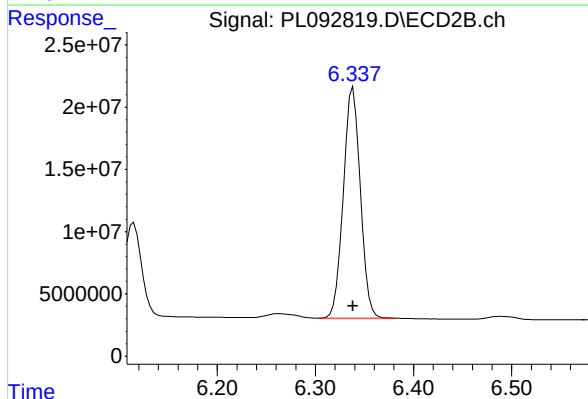
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 157881969
Conc: 72.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

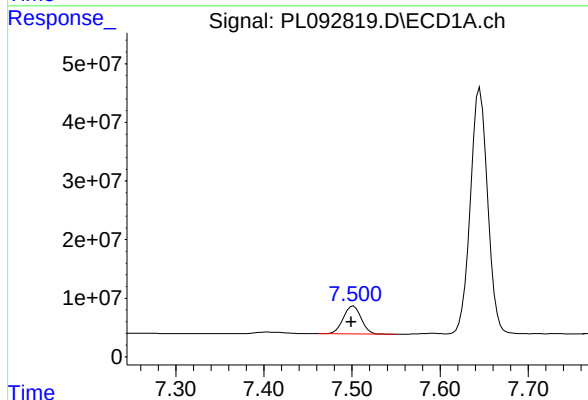
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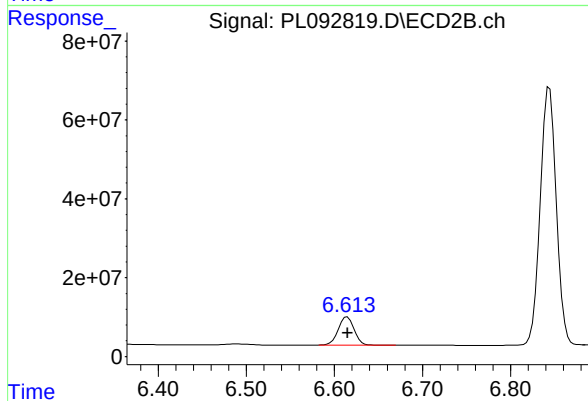
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 223863857
Conc: 83.01 ng/ml



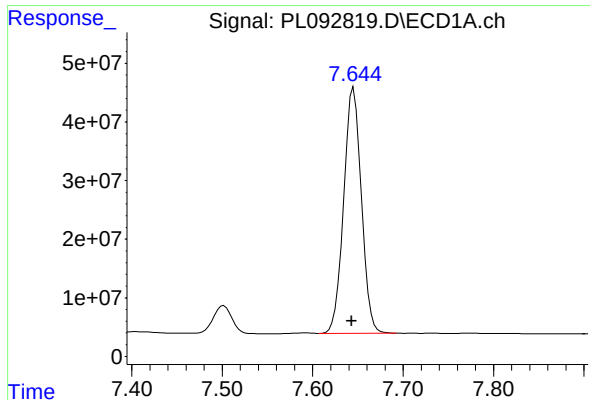
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 66761966
Conc: 58.56 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 89573522
Conc: 62.73 ng/ml



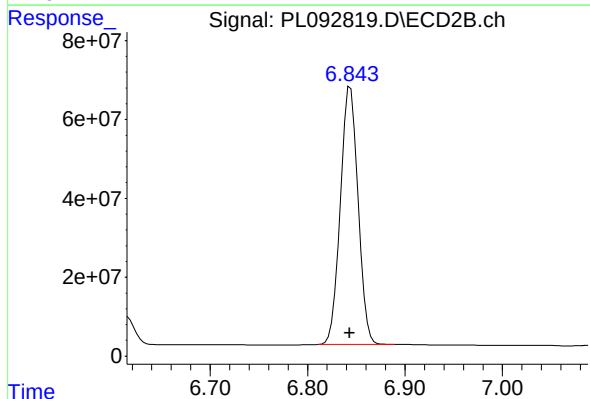
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 570379454
Conc: 235.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

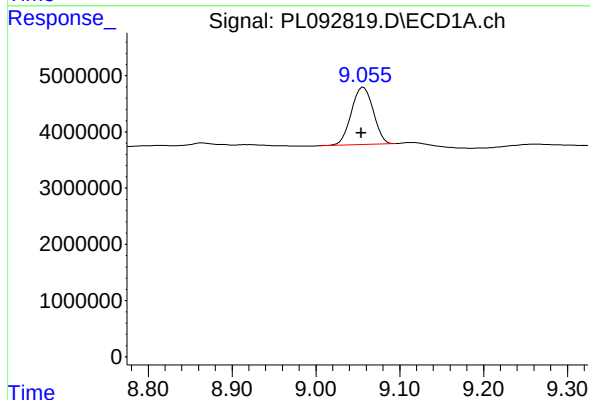
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APPROVED

Reviewed By :Abdul Mirza 11/05/2024
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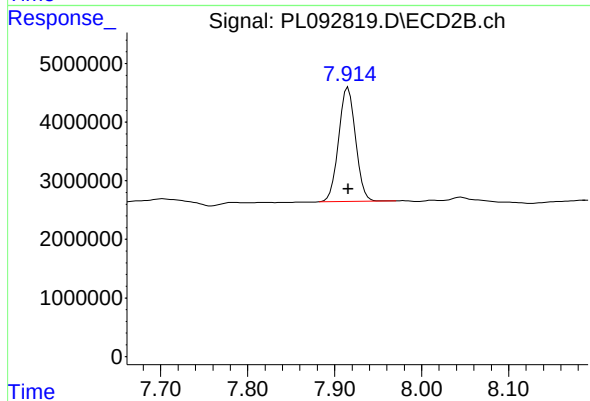
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 825137748
Conc: 268.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.003 min
Response: 18517199
Conc: 9.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 26427952
Conc: 9.68 ng/ml