

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 11:10
 Operator : AR\AJ
 Sample : P4368-02
 Misc : PEST LOQ 5PPB SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 07:16:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.547	2.780	41739450	45334888	18.762	18.076
28)	SA Decachlor...	9.065	7.922	34104565	48447815	20.818	19.364
Target Compounds							
2)	A alpha-BHC	4.003	3.283	16602584	16620376	5.362	4.562
3)	MA gamma-BHC...	4.335	3.613	16788591	15524061	5.418	4.397
4)	MA Heptachlor	4.923	3.953	16334928	17316154	5.907m	5.018
5)	MB Aldrin	5.266	4.233	16086249	15772670	5.791	4.638
6)	B beta-BHC	4.533	3.913	7451321	8424246	5.618	5.605
7)	B delta-BHC	4.780	4.142	16097659	15785986	5.581	4.547
8)	B Heptachlo...	5.692	4.735	15173806	15157579	5.962	5.014
9)	A Endosulfan I	6.078	5.106	13759338	14123184	5.948	5.146
10)	B gamma-Chl...	5.949	4.986	15061033	15409695	6.095	5.122
11)	B alpha-Chl...	6.027	5.050	15489200	15306571	6.288	5.113
12)	B 4,4'-DDE	6.201	5.237	12509952	13572465	5.780	4.884m
13)	MA Dieldrin	6.353	5.370	14334475	14041605	5.878	4.789
14)	MA Endrin	6.583	5.645	11361861	12885618	5.514	4.914
15)	B Endosulfa...	6.802	5.941	13569654	12997815	6.169	5.194
16)	A 4,4'-DDD	6.717	5.794	10936027	11025163	6.090m	5.161
17)	MA 4,4'-DDT	7.030	6.044	10712822	10818244	5.818m	4.677
18)	B Endrin al...	6.932	6.120	10291018	10383783	5.905	5.088
19)	B Endosulfa...	7.166	6.343	11899900	12875377	6.003	5.337
20)	A Methoxychlor	7.508	6.620	5830677	6444058	5.939	5.154
21)	B Endrin ke...	7.649	6.849	12879487	14477174	5.861m	5.228
22)	Mirex	8.125	7.028	10934664	13313359	6.071	5.473m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 11:10
Operator : AR\AJ
Sample : P4368-02
Misc : PEST LOQ 5PPB SOIL
ALS Vial : 10 Sample Multiplier: 1

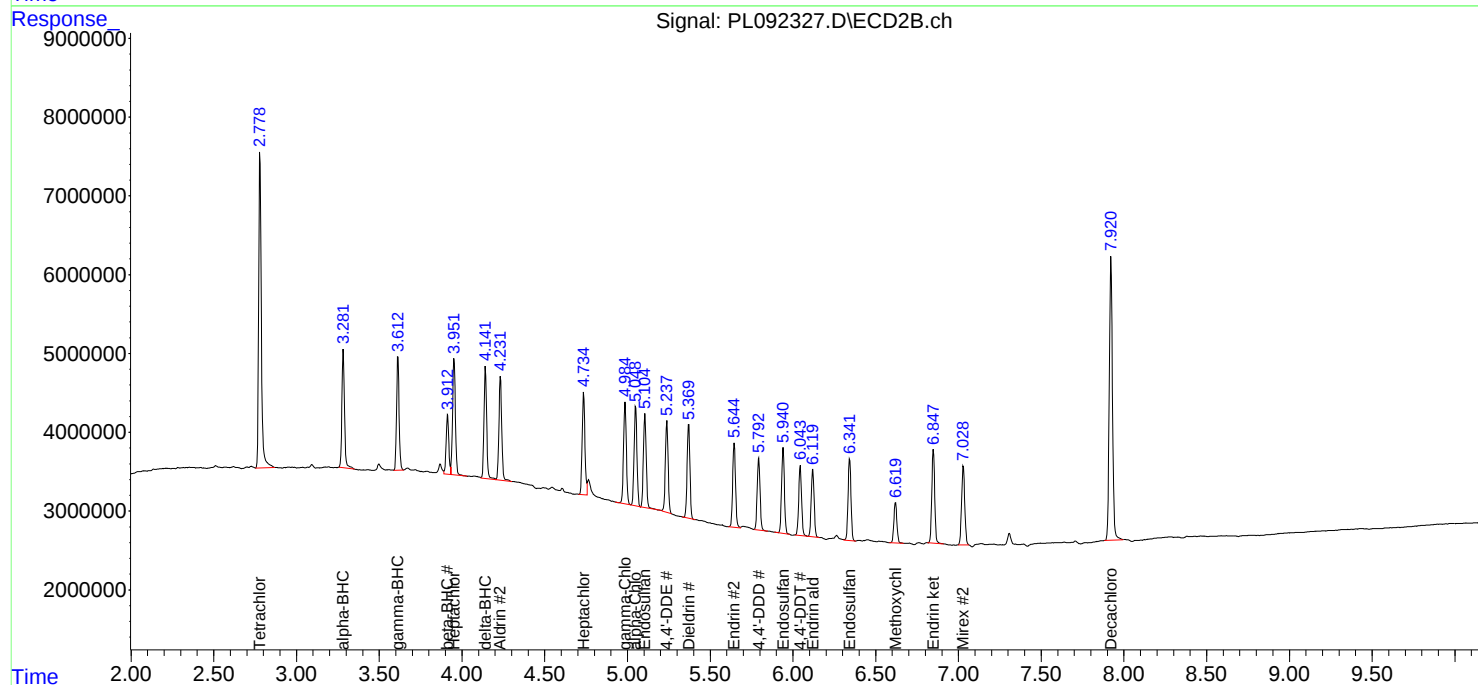
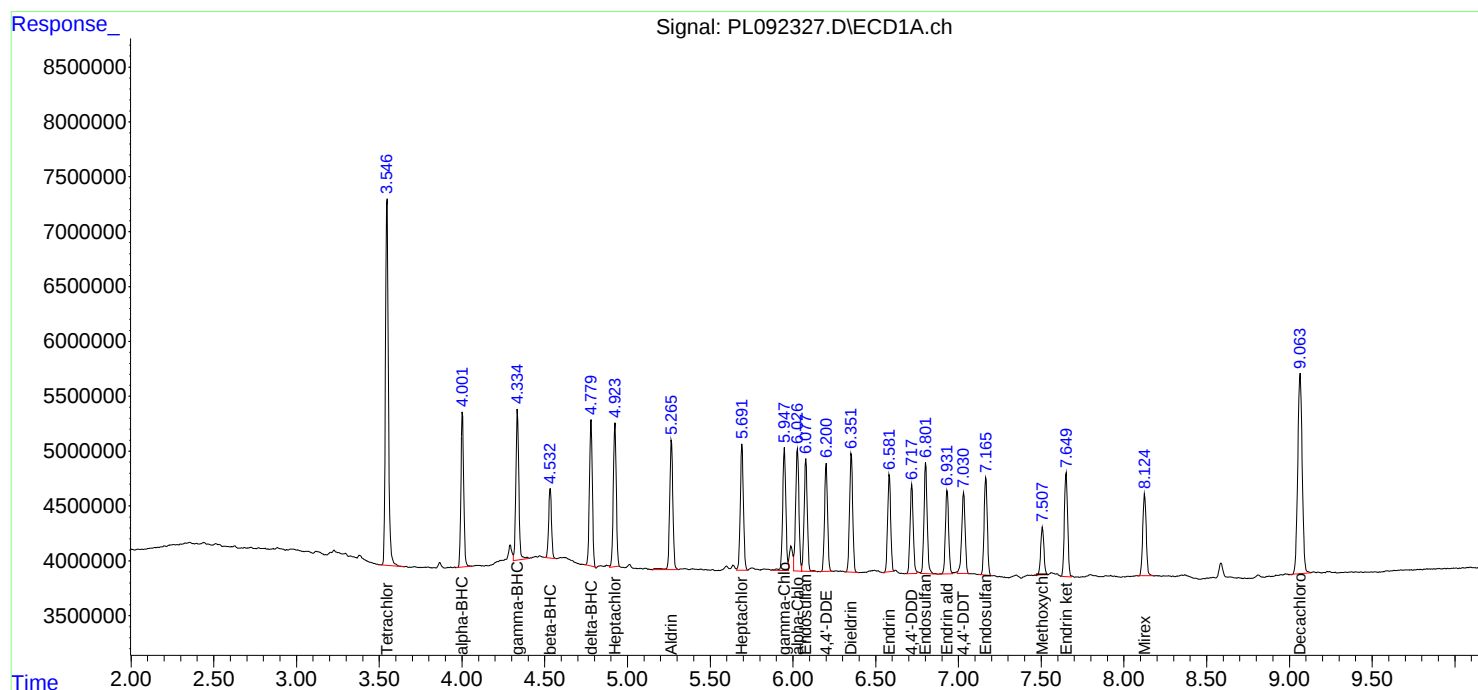
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

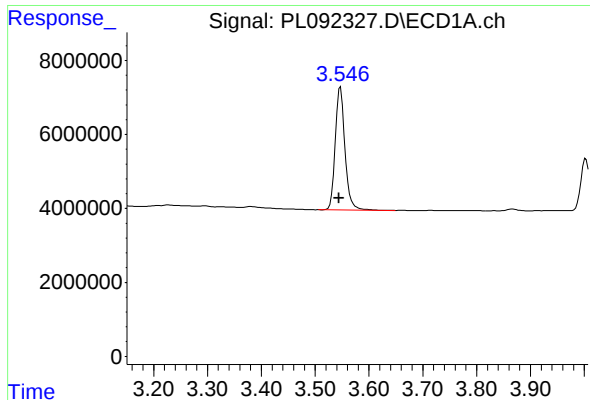
Manual Integrations
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Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 07:16:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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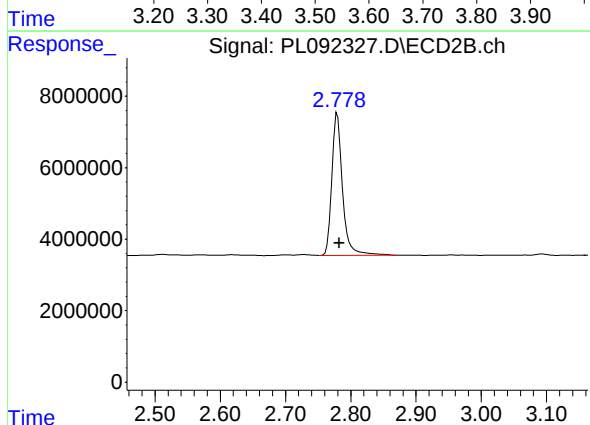
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 41739450
Conc: 18.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

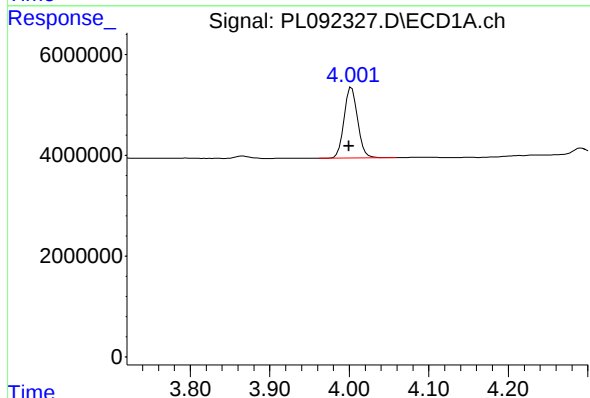
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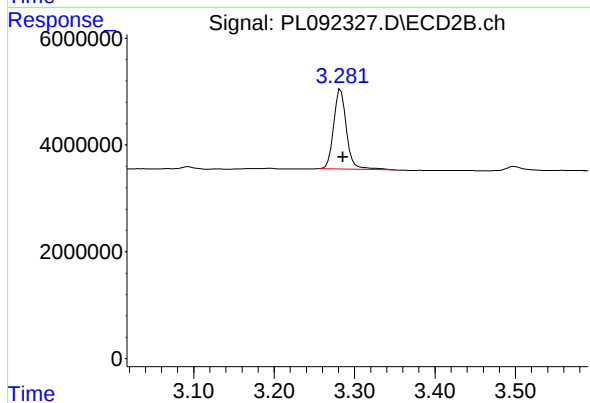
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.003 min
Response: 45334888
Conc: 18.08 ng/ml



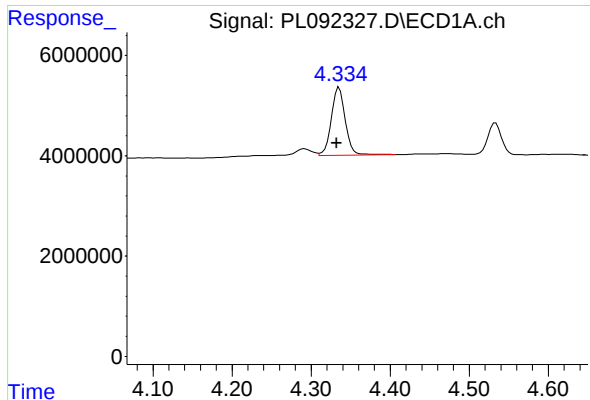
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 16602584
Conc: 5.36 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 16620376
Conc: 4.56 ng/ml



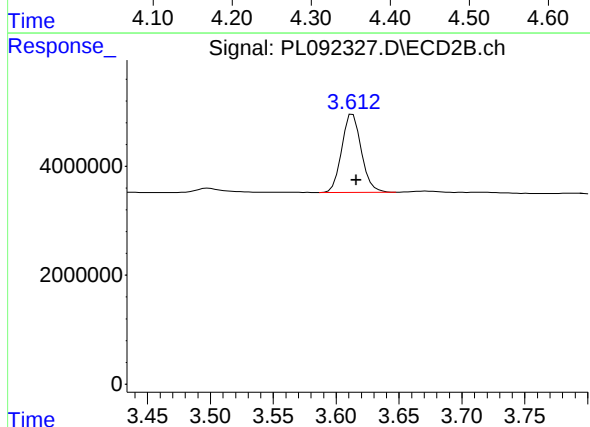
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 16788591
Conc: 5.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

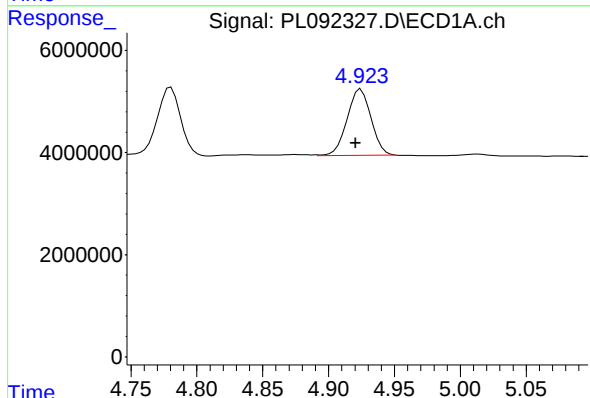
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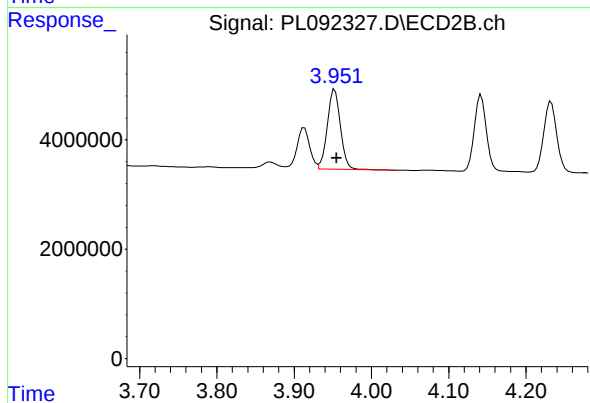
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 15524061
Conc: 4.40 ng/ml



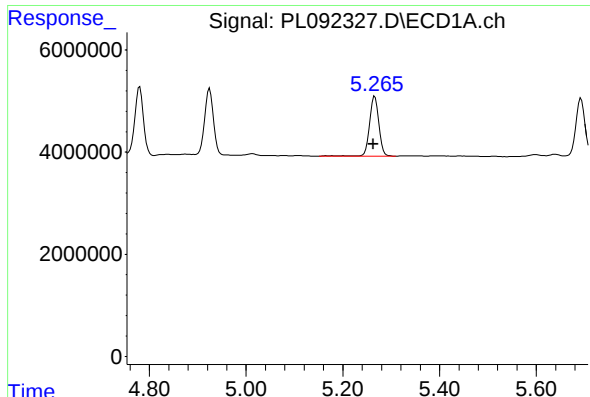
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.003 min
Response: 16334928
Conc: 5.91 ng/ml m



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.003 min
Response: 17316154
Conc: 5.02 ng/ml



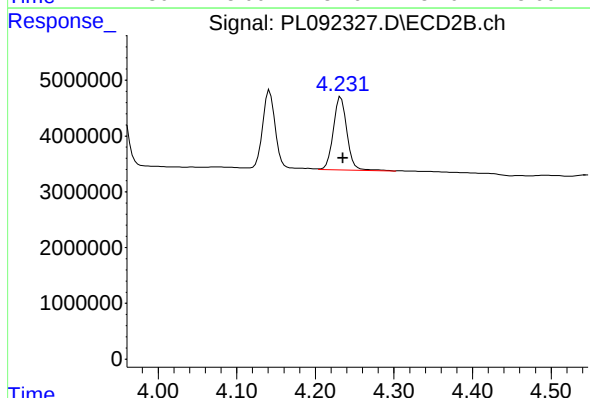
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 16086249
Conc: 5.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

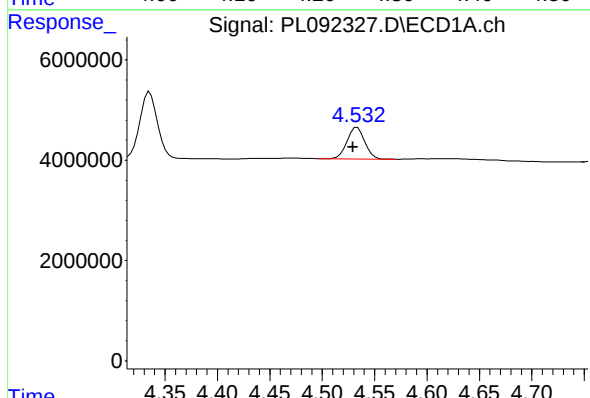
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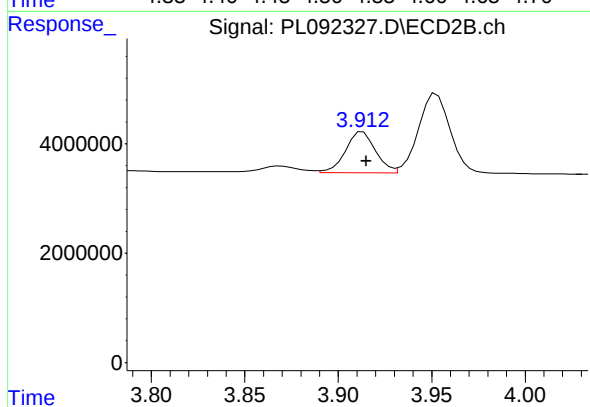
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.003 min
Response: 15772670
Conc: 4.64 ng/ml



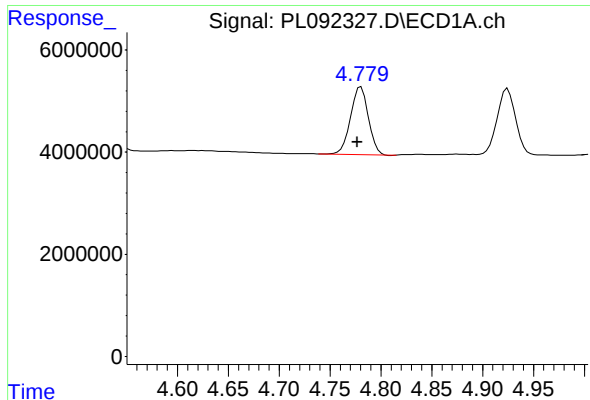
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.004 min
Response: 7451321
Conc: 5.62 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 8424246
Conc: 5.60 ng/ml



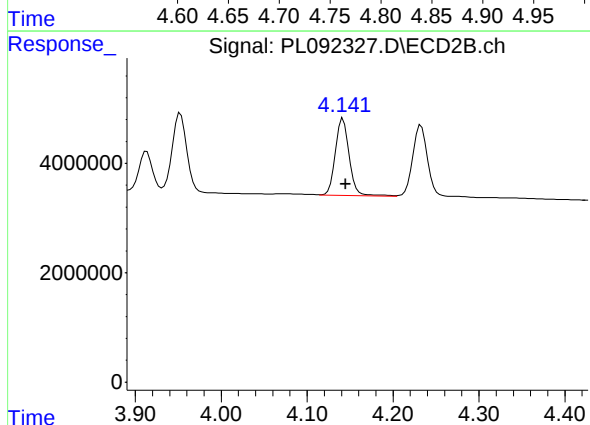
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.004 min
Response: 16097659
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

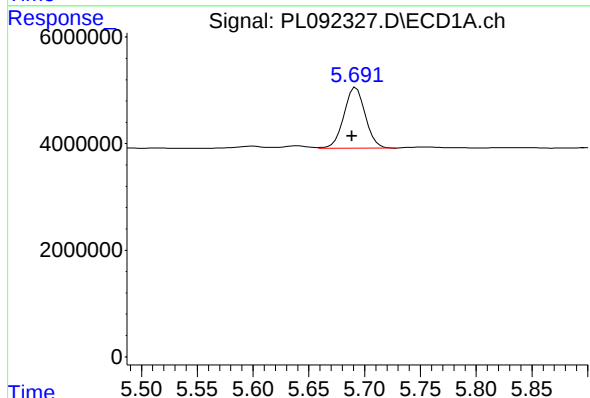
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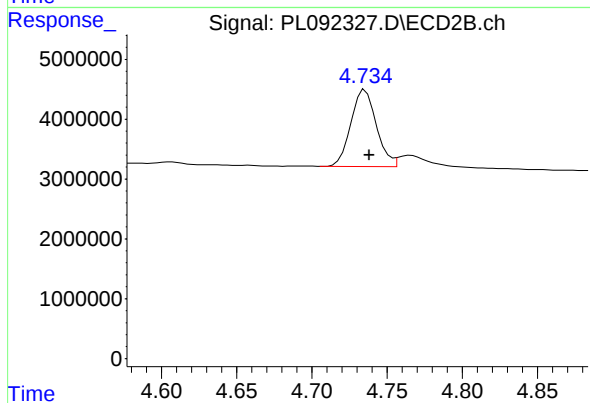
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 15785986
Conc: 4.55 ng/ml



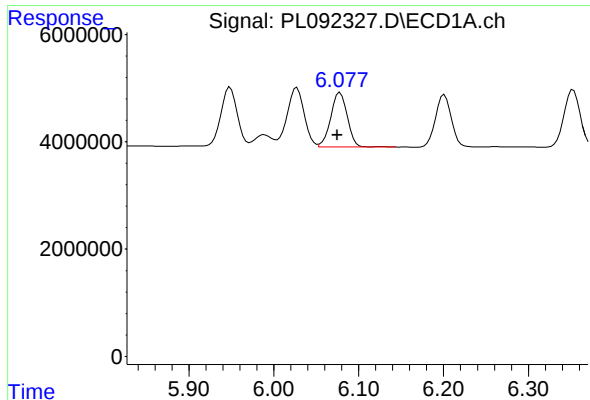
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 15173806
Conc: 5.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 15157579
Conc: 5.01 ng/ml



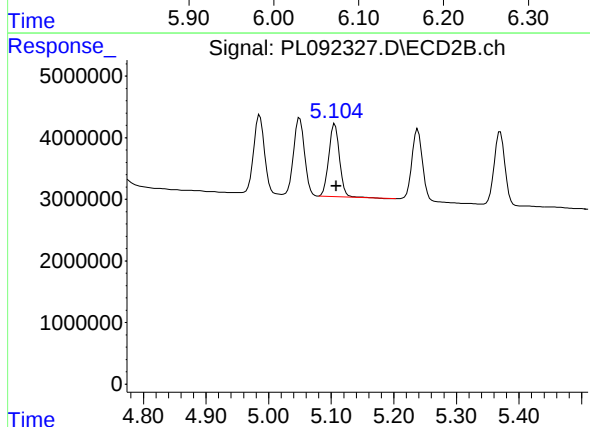
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 13759338
Conc: 5.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

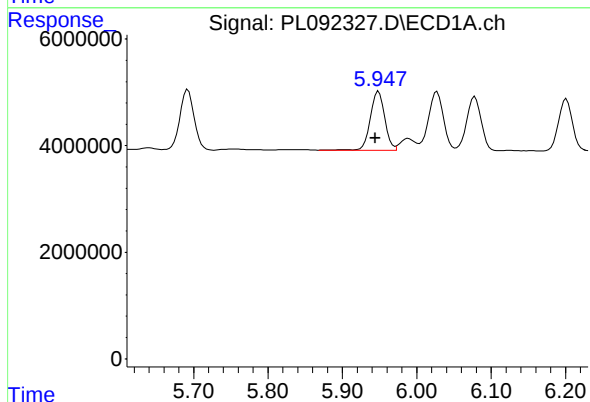
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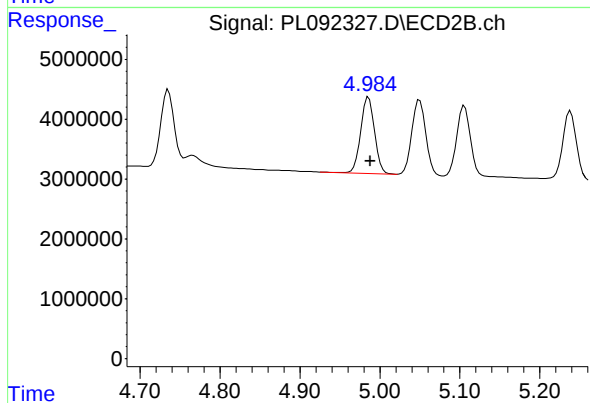
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 14123184
Conc: 5.15 ng/ml



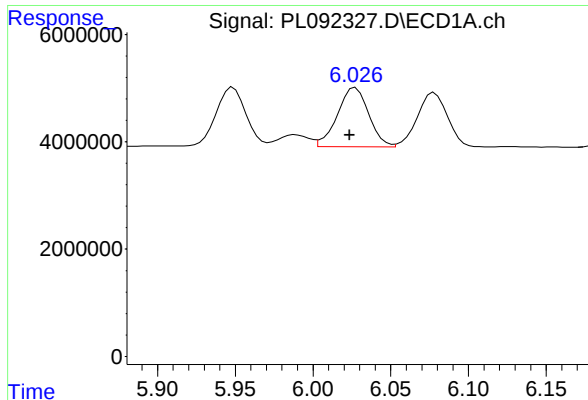
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 15061033
Conc: 6.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 15409695
Conc: 5.12 ng/ml



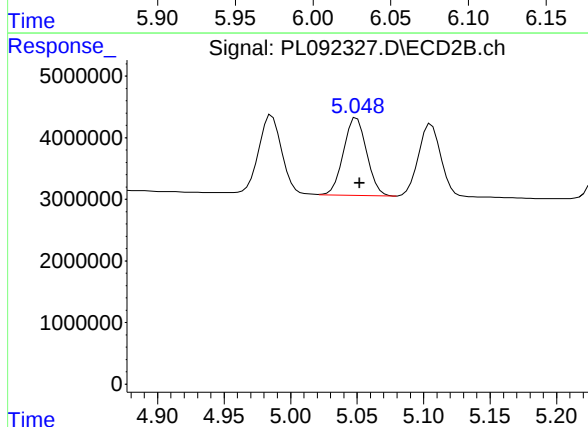
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 15489200
Conc: 6.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

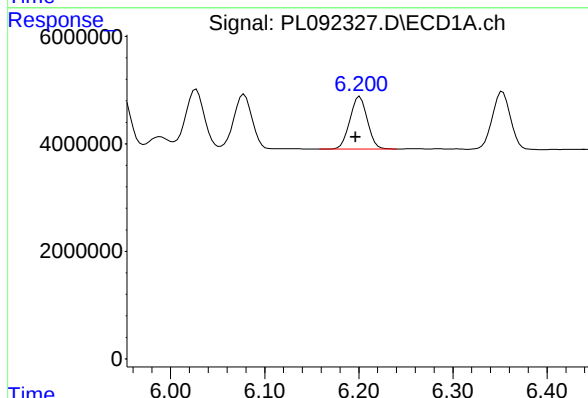
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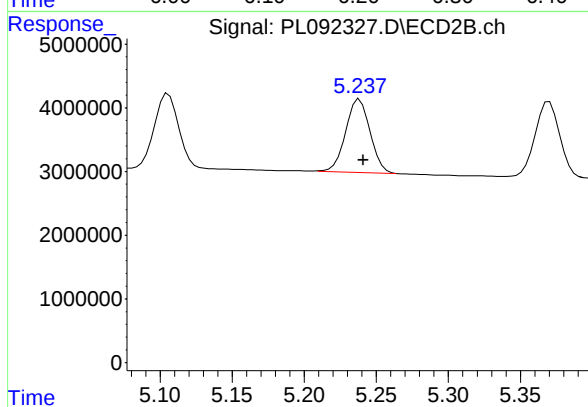
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 15306571
Conc: 5.11 ng/ml



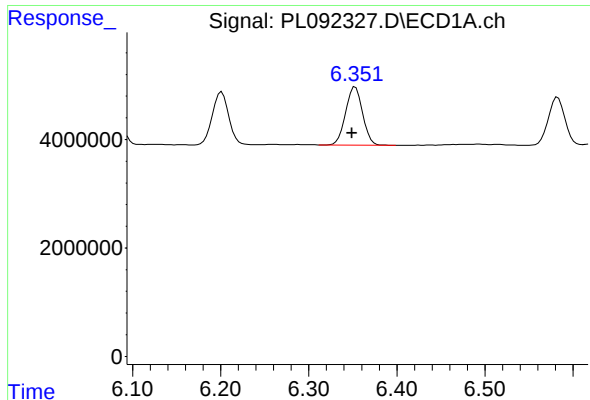
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.005 min
Response: 12509952
Conc: 5.78 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 13572465
Conc: 4.88 ng/ml m



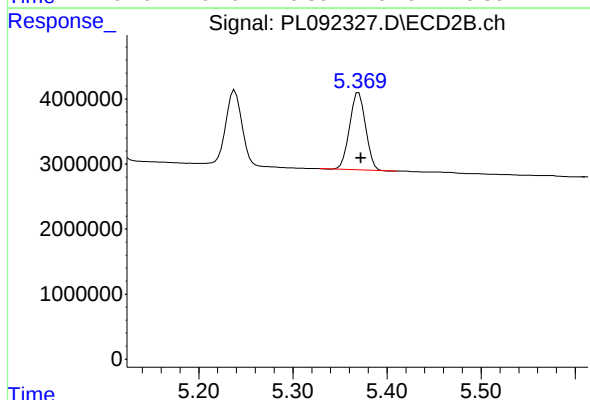
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.004 min
Response: 14334475
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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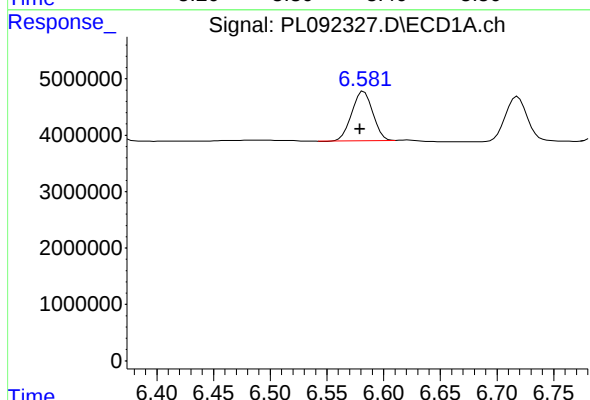
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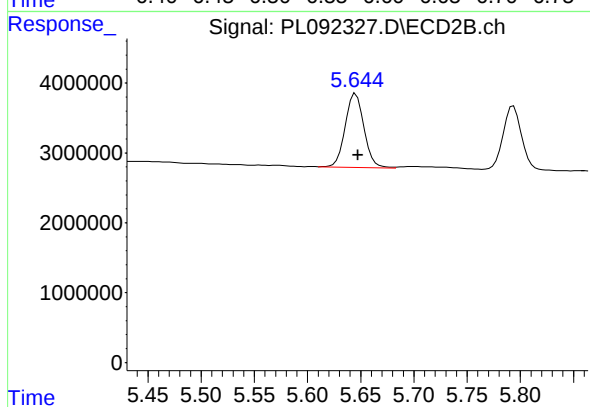
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 14041605
Conc: 4.79 ng/ml



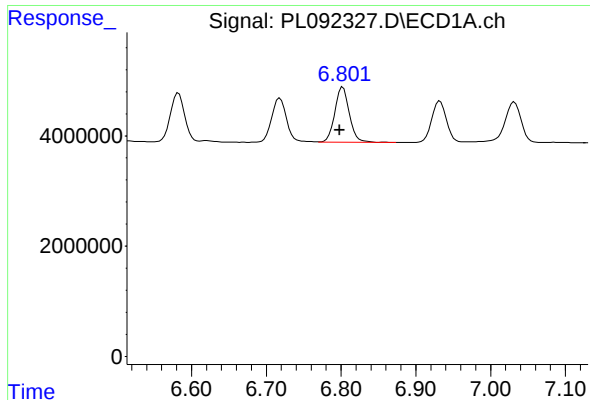
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 11361861
Conc: 5.51 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 12885618
Conc: 4.91 ng/ml



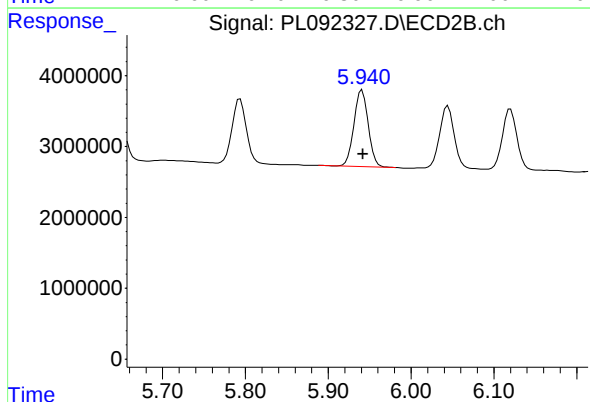
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.004 min
Response: 13569654
Conc: 6.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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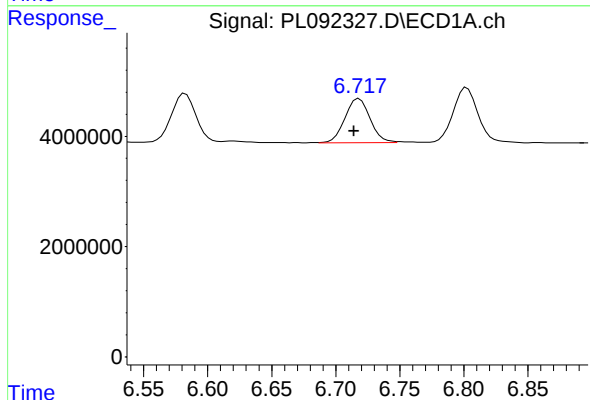
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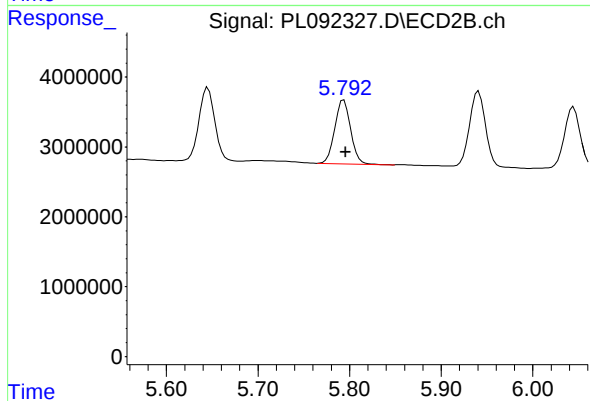
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 12997815
Conc: 5.19 ng/ml



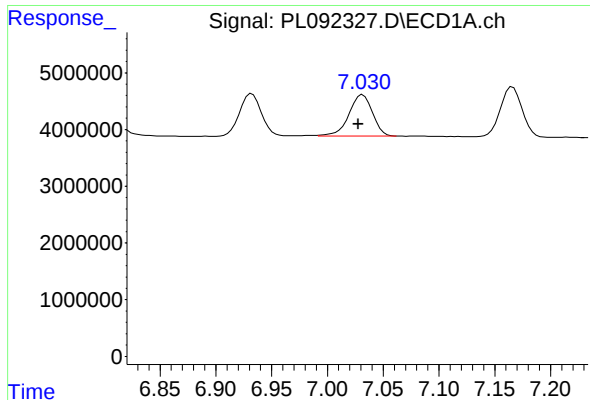
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 10936027
Conc: 6.09 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 11025163
Conc: 5.16 ng/ml



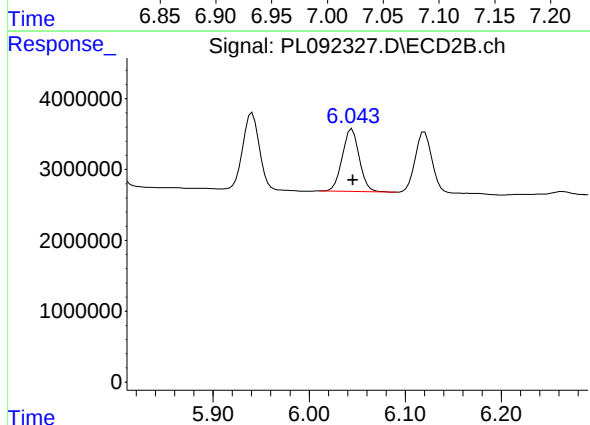
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 10712822
Conc: 5.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

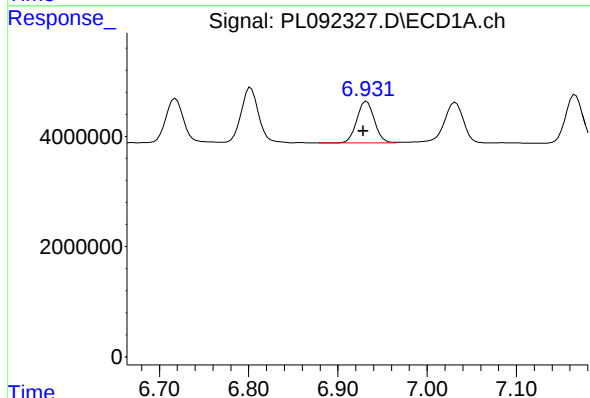
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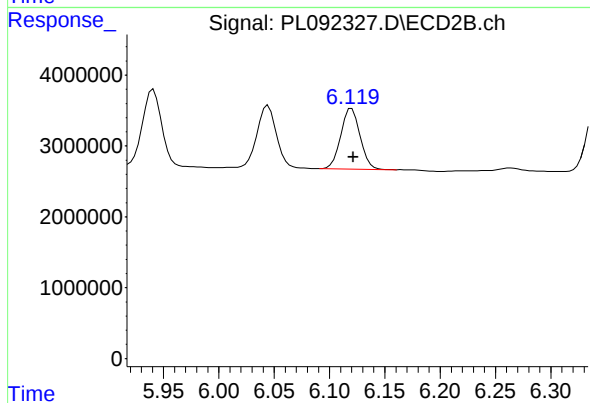
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 10818244
Conc: 4.68 ng/ml



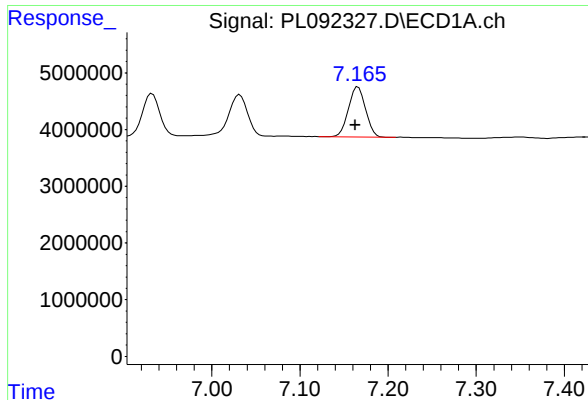
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.004 min
Response: 10291018
Conc: 5.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 10383783
Conc: 5.09 ng/ml



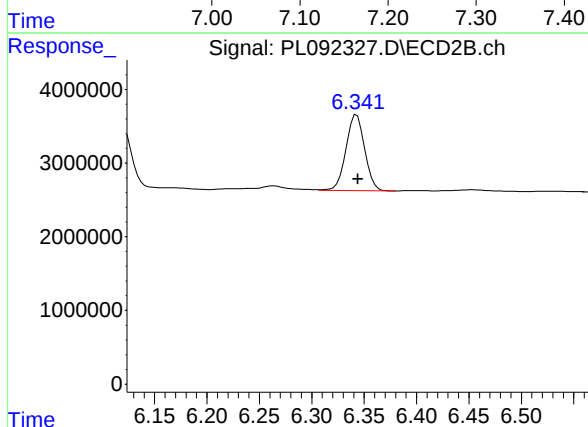
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.003 min
Response: 11899900
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
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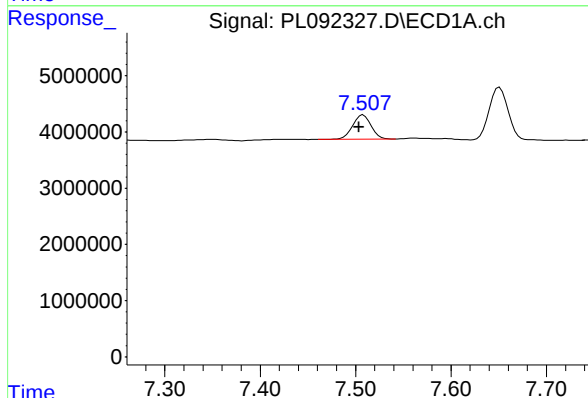
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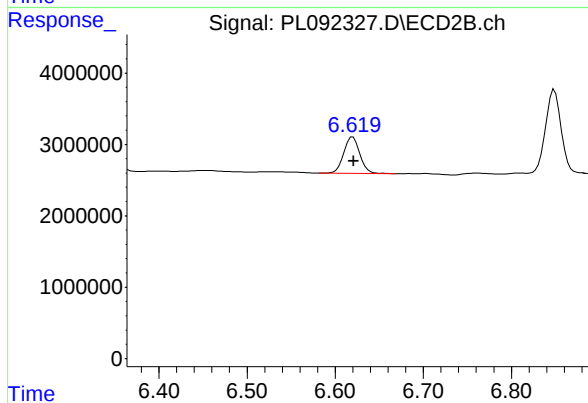
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 12875377
Conc: 5.34 ng/ml



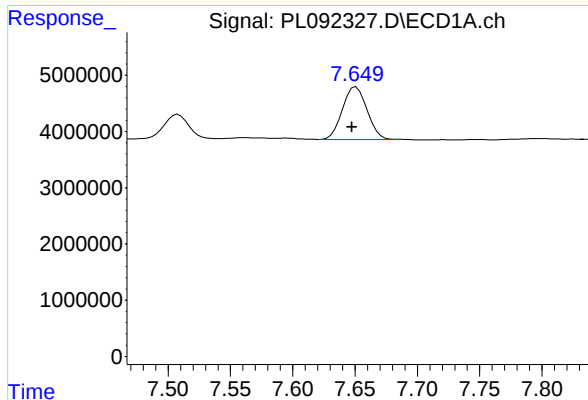
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 5830677
Conc: 5.94 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 6444058
Conc: 5.15 ng/ml



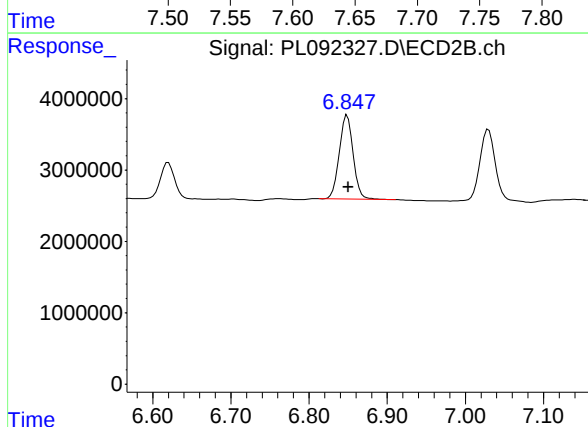
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 12879487
Conc: 5.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

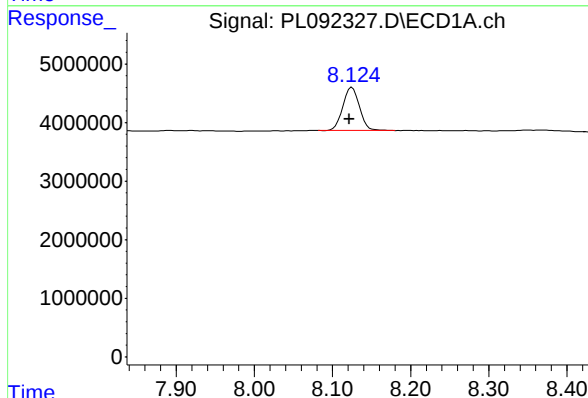
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



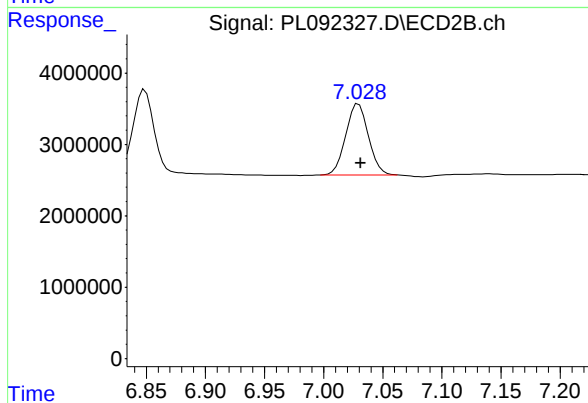
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 14477174
Conc: 5.23 ng/ml



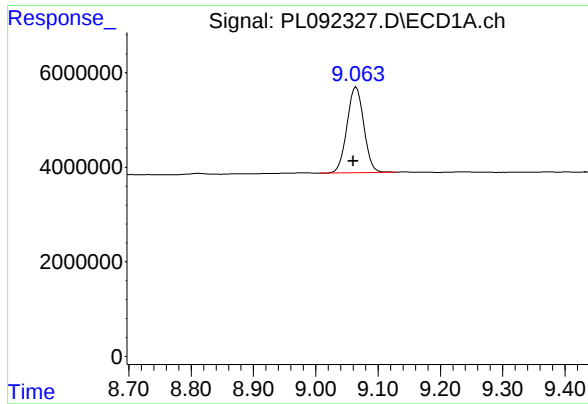
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 10934664
Conc: 6.07 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 13313359
Conc: 5.47 ng/ml m



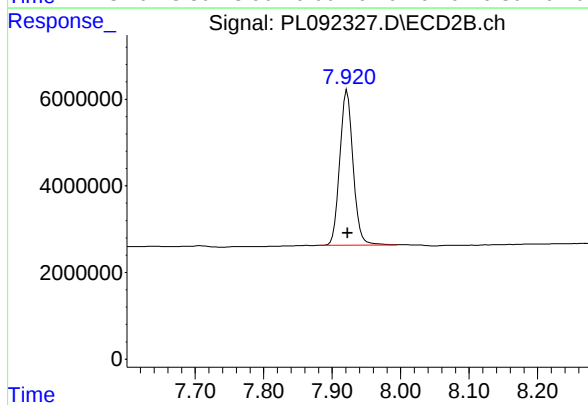
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 34104565
Conc: 20.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 48447815
Conc: 19.36 ng/ml