

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 13:35
 Operator : AR\AJ
 Sample : P3390-03
 Misc : PEST MDL 1PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2024
 Supervised By : Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:14:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.543	2.786	40300429	34993905	20.814m	20.242
28) SA Decachlor...	9.058	7.929	31936488	35453246	22.228	21.240
Target Compounds						
2) A alpha-BHC	3.999	3.288	3408258	2296260	1.234	0.932m
3) MA gamma-BHC...	4.332	3.618	3152114	2489099	1.198	1.063m
4) MA Heptachlor	4.919	3.960	3285221	2461877	1.328m	1.062
5) MB Aldrin	5.263	4.240	3259267	2478347	1.356	1.118
6) B beta-BHC	4.529	3.918	1776232	1355084	1.411	1.274
7) B delta-BHC	4.773	4.148	3681059	2250539	1.470m	1.007 #
8) B Heptachlo...	5.687	4.743	3351538	2362345	1.475m	1.159
9) A Endosulfan I	6.072	5.113	2956625	2279241	1.410m	1.180
10) B gamma-Chl...	5.943	4.993	3216394	2537881	1.423m	1.188
11) B alpha-Chl...	6.022	5.057	3047803	2572035	1.361m	1.206
12) B 4,4'-DDE	6.194	5.246	2732682	1975400	1.378m	1.053
13) MA Dieldrin	6.347	5.377	3051236	2273748	1.391m	1.101
14) MA Endrin	6.577	5.652	2295083	1841996	1.253m	1.008
15) B Endosulfa...	6.796	5.947	2794031	2264934	1.393m	1.247
16) A 4,4'-DDD	6.713	5.799	2269504	1930343	1.377	1.244m
17) MA 4,4'-DDT	7.025	6.051	2351686	1481960	1.319m	0.894 #
18) B Endrin al...	6.927	6.126	2179721	1795284	1.447	1.268
19) B Endosulfa...	7.160	6.349	2661735	2073021	1.484m	1.188
20) A Methoxychlor	7.501	6.626	1081490	946660	1.133m	1.026
21) B Endrin ke...	7.645	6.854	2981032	2278882	1.505m	1.150
22) Mirex	8.119	7.037	2226093	2216192	1.432	1.320

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
Data File : PL090818.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2024 13:35
Operator : AR\AJ
Sample : P3390-03
Misc : PEST MDL 1PPB
ALS Vial : 11 Sample Multiplier: 1

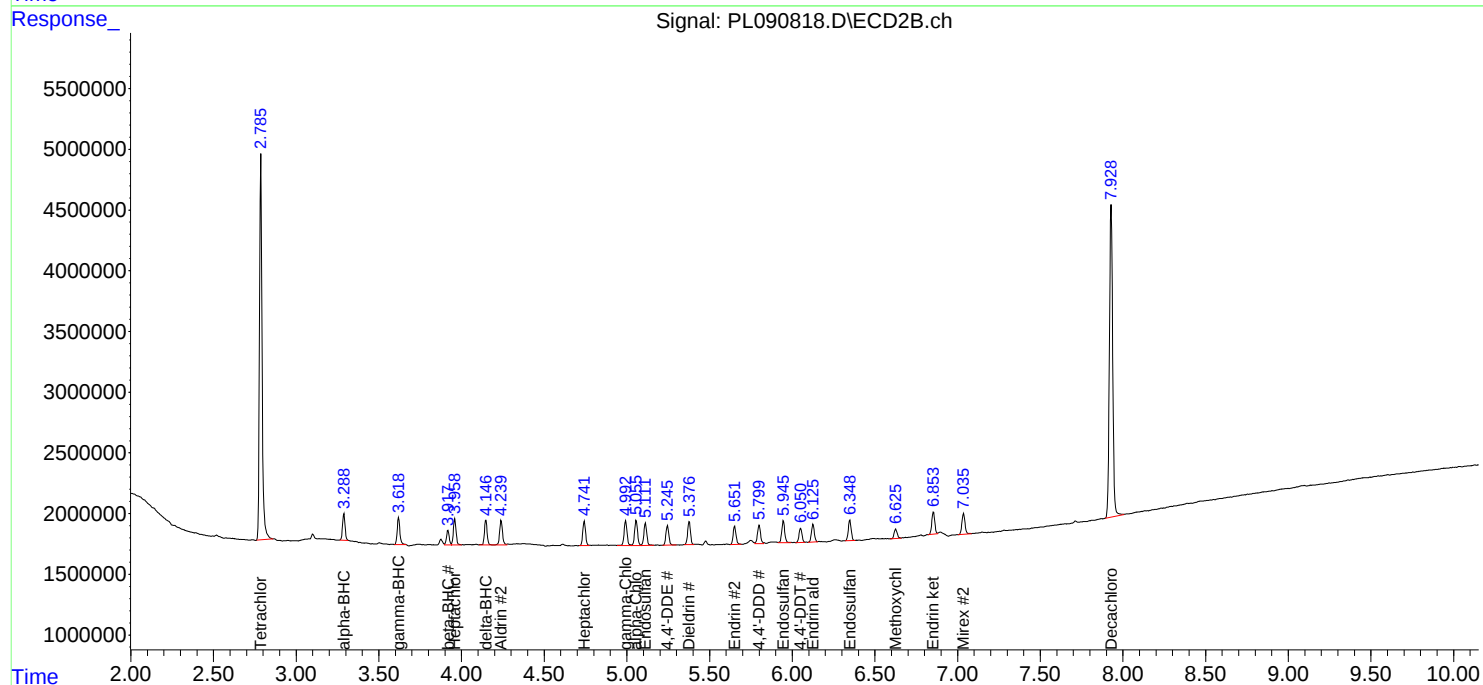
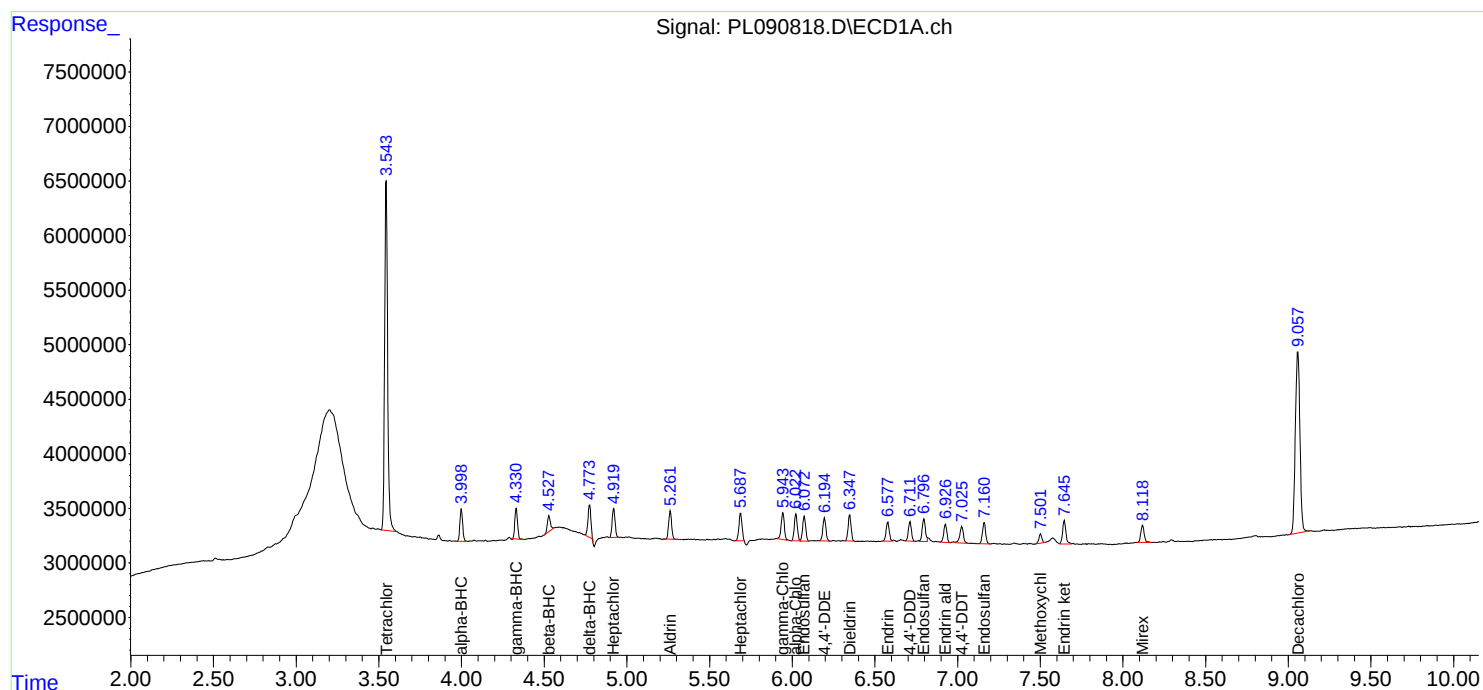
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

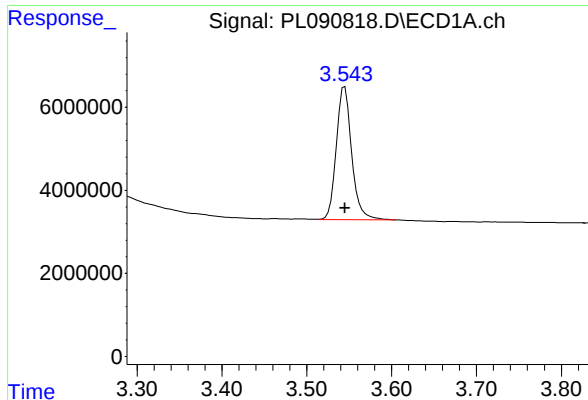
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:14:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 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





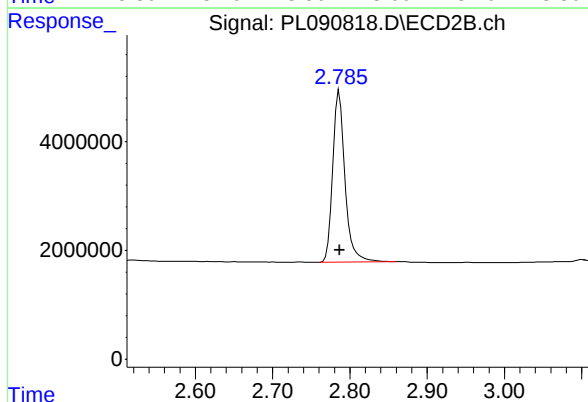
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 40300429
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

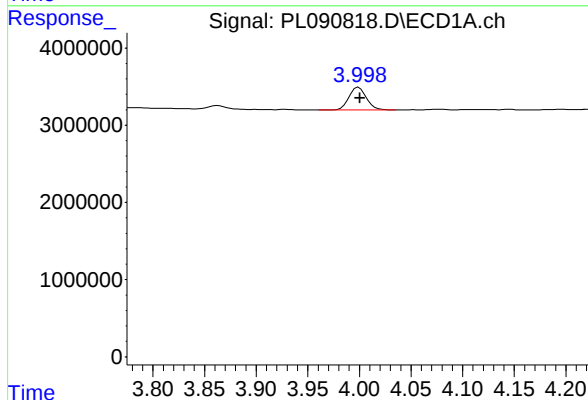
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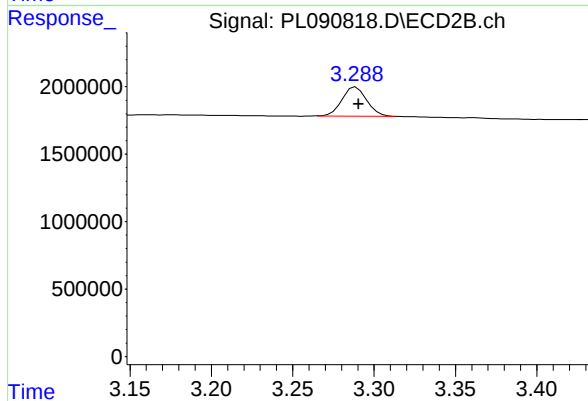
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 34993905
Conc: 20.24 ng/ml



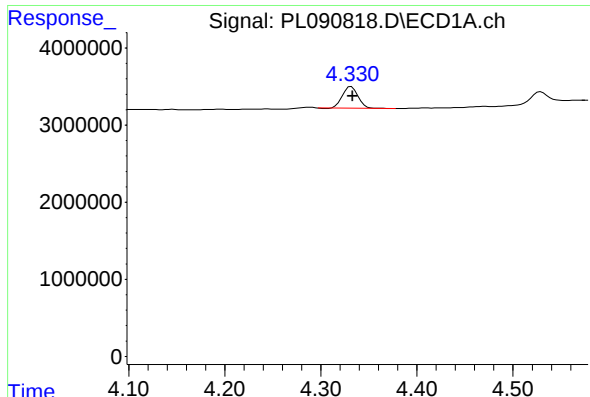
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 3408258
Conc: 1.23 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.003 min
Response: 2296260
Conc: 0.93 ng/ml m



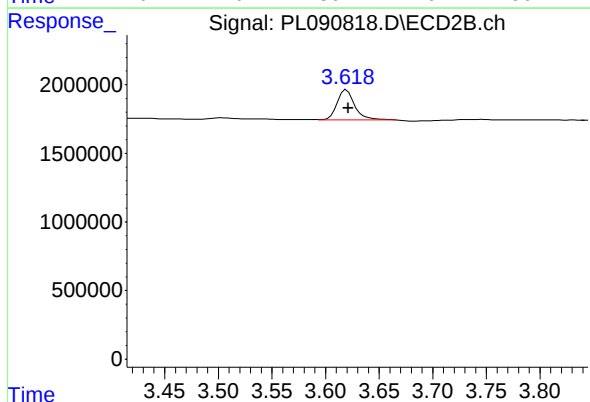
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 3152114
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

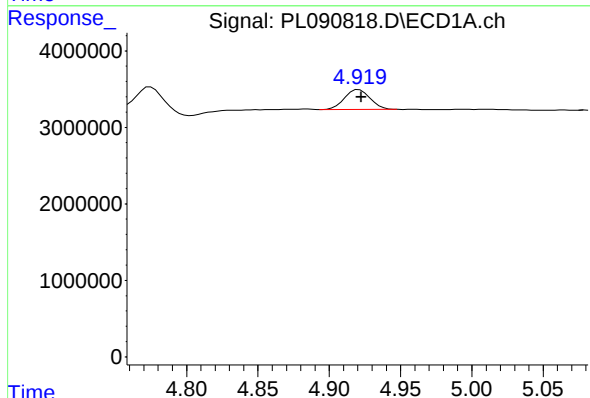
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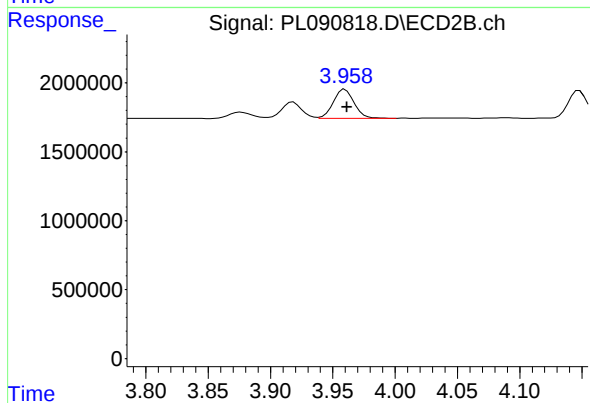
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 2489099
Conc: 1.06 ng/ml m



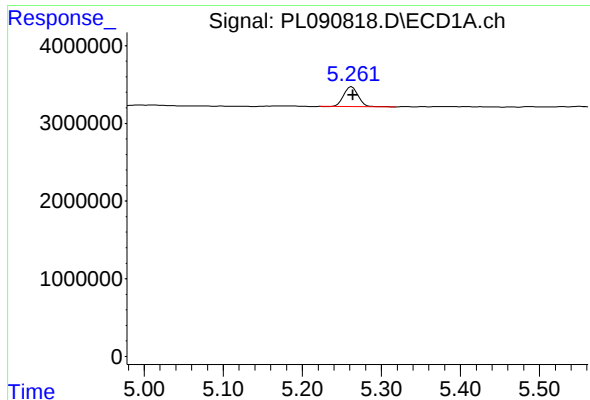
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 3285221
Conc: 1.33 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 2461877
Conc: 1.06 ng/ml



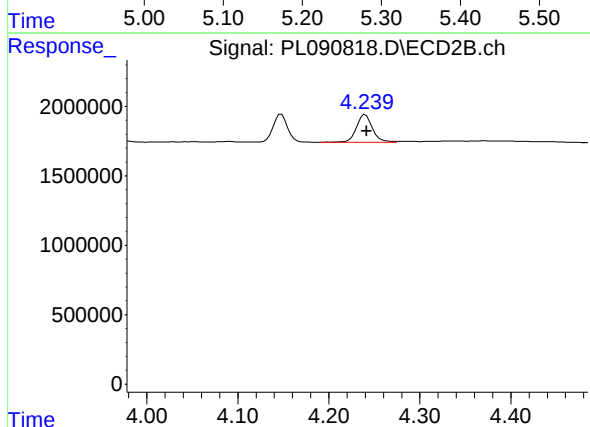
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 3259267
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

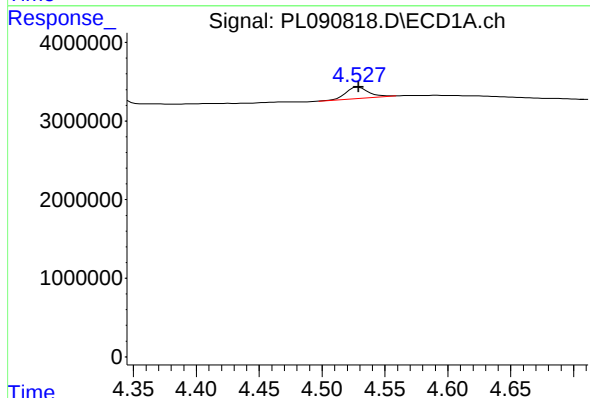
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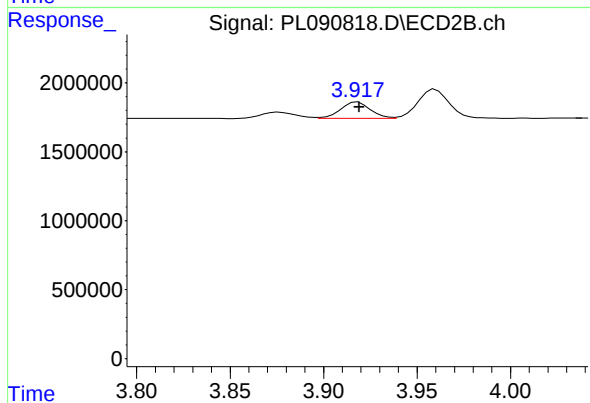
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 2478347
Conc: 1.12 ng/ml



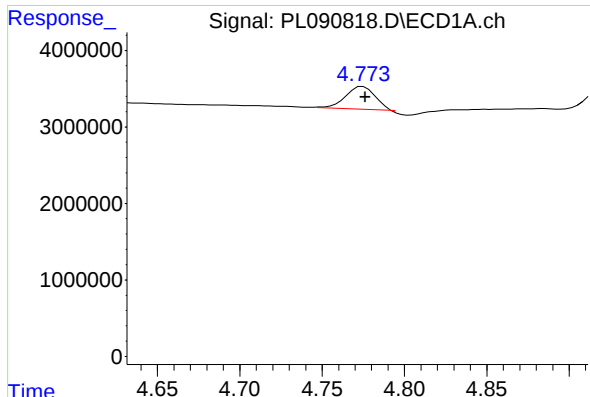
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 1776232
Conc: 1.41 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 1355084
Conc: 1.27 ng/ml



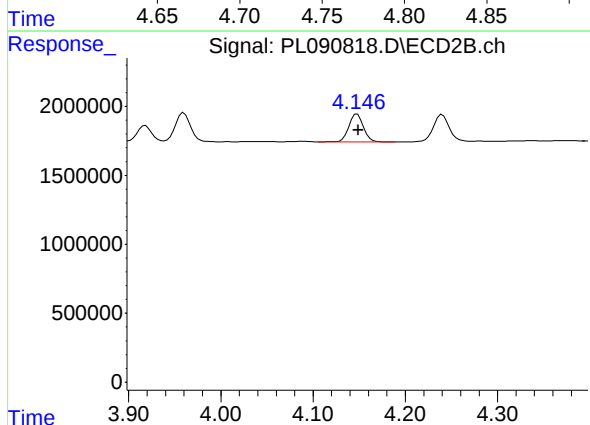
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 3681059
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

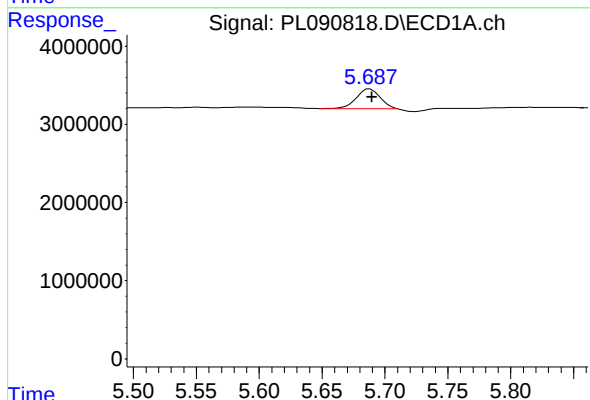
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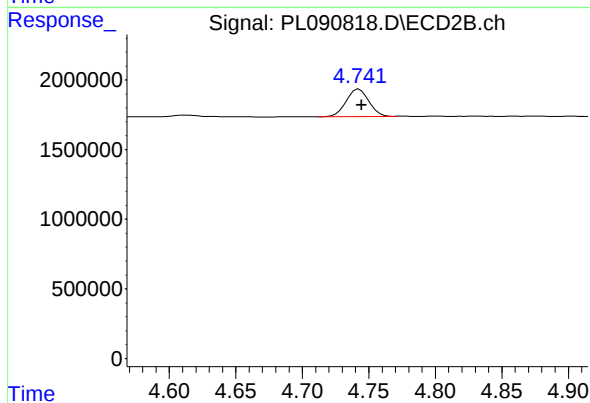
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.001 min
Response: 2250539
Conc: 1.01 ng/ml



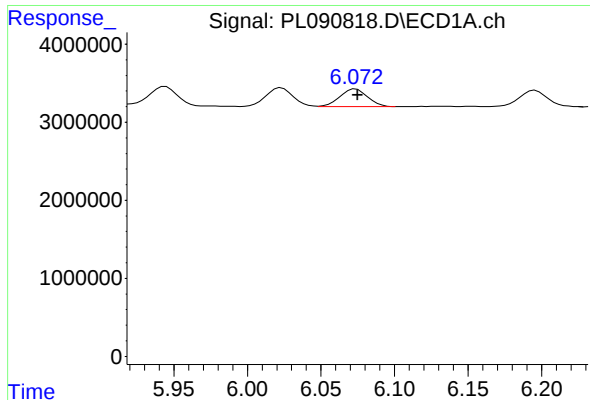
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 3351538
Conc: 1.47 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 2362345
Conc: 1.16 ng/ml



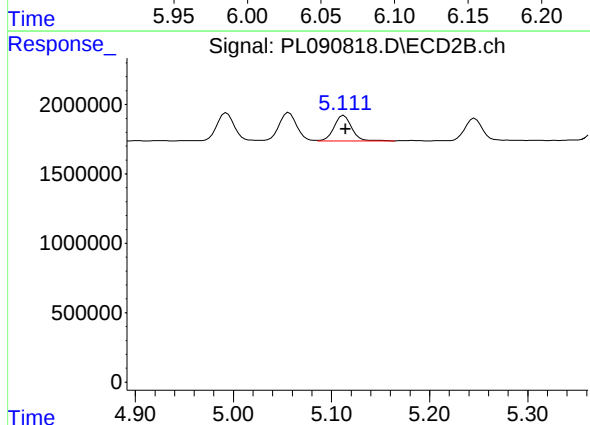
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 2956625
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

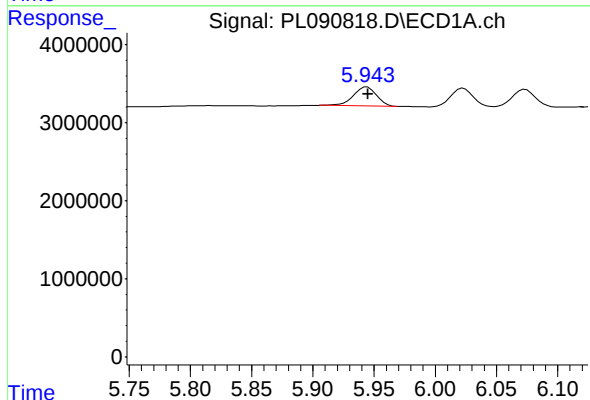
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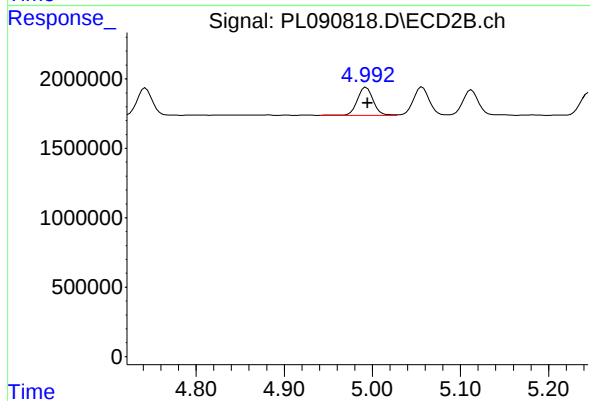
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2279241
Conc: 1.18 ng/ml



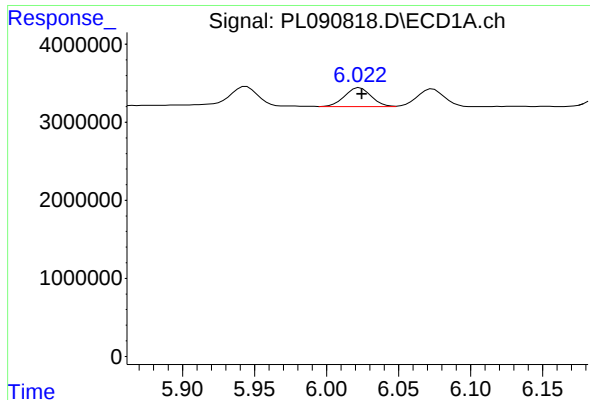
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 3216394
Conc: 1.42 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 2537881
Conc: 1.19 ng/ml



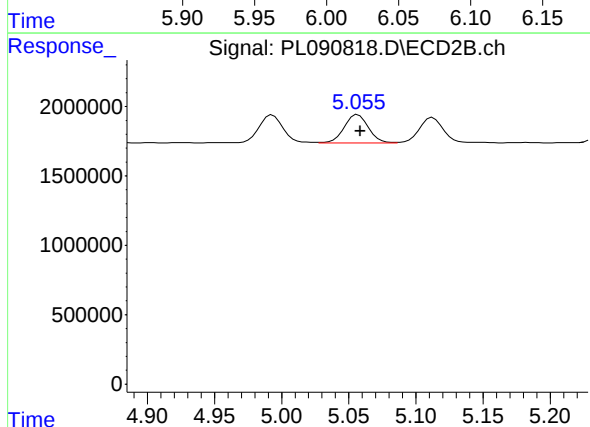
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 3047803
Conc: 1.36 ng/ml

Instrument : ECD_L
ClientSampleId : MDL-SOIL-03-QT3-2024

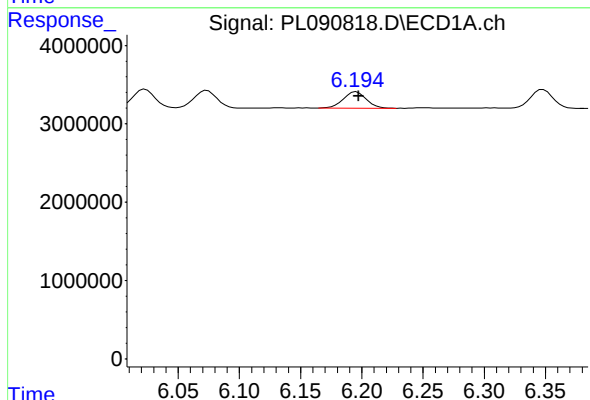
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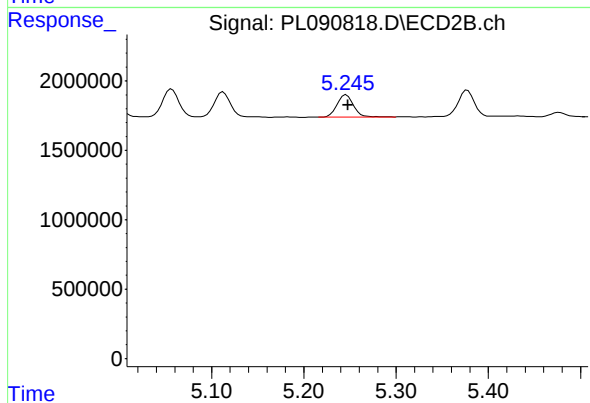
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 2572035
Conc: 1.21 ng/ml



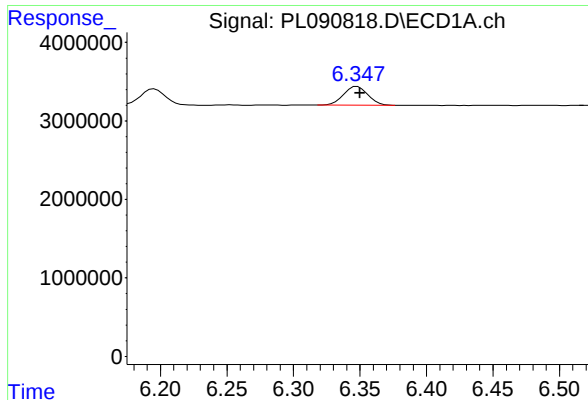
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 2732682
Conc: 1.38 ng/ml m



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 1975400
Conc: 1.05 ng/ml



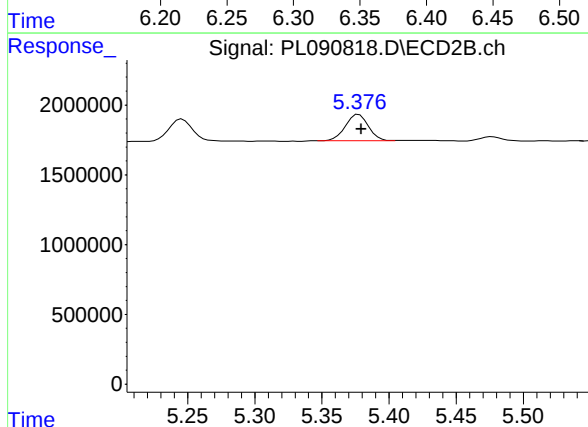
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 3051236
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

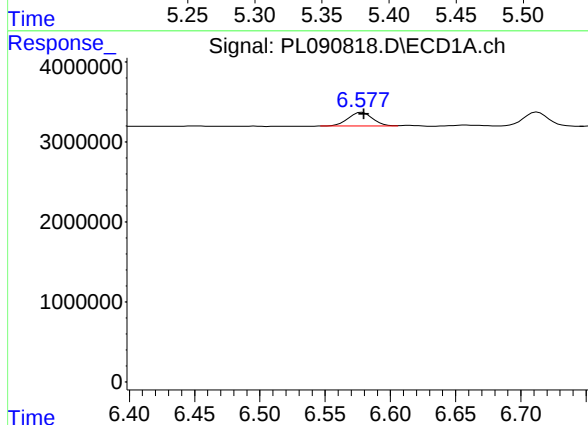
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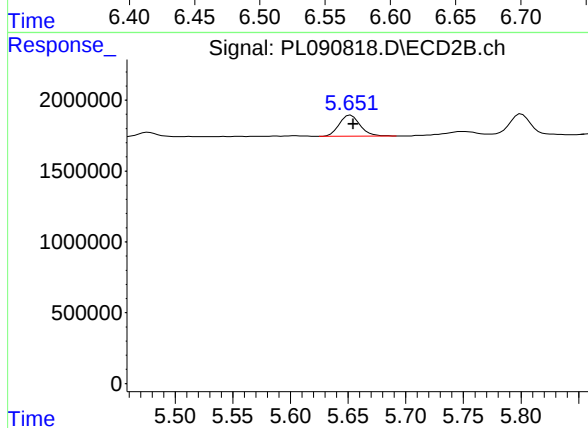
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 2273748
Conc: 1.10 ng/ml



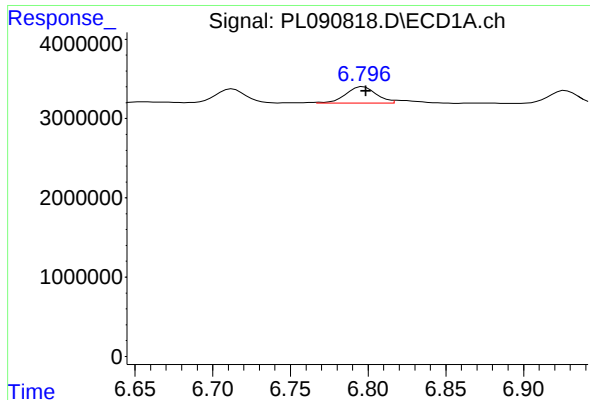
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 2295083
Conc: 1.25 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 1841996
Conc: 1.01 ng/ml



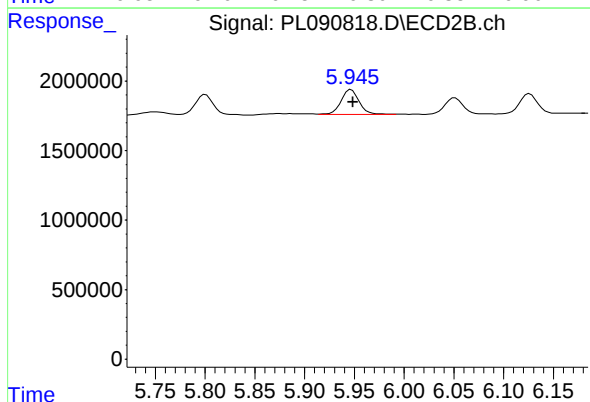
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 2794031
Conc: 1.39 ng/ml

Instrument : ECD_L
ClientSampleId : MDL-SOIL-03-QT3-2024

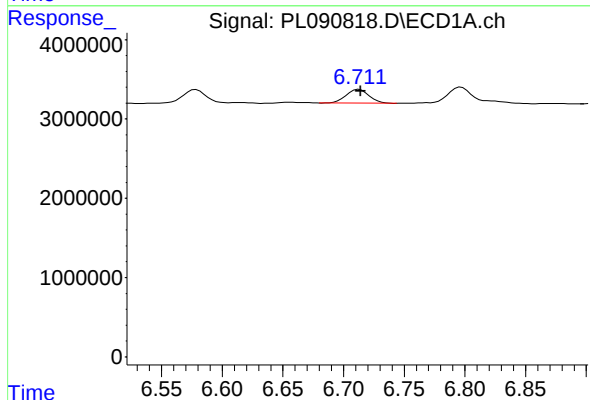
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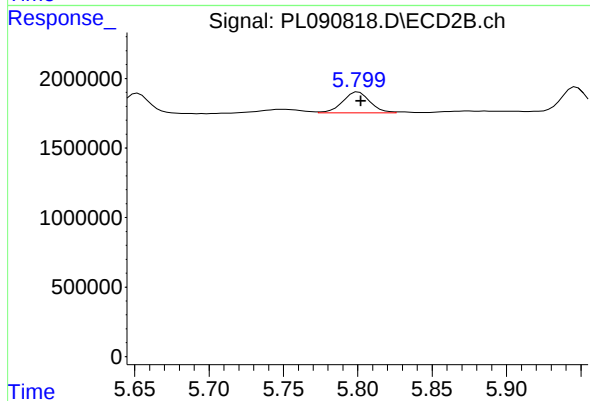
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2264934
Conc: 1.25 ng/ml



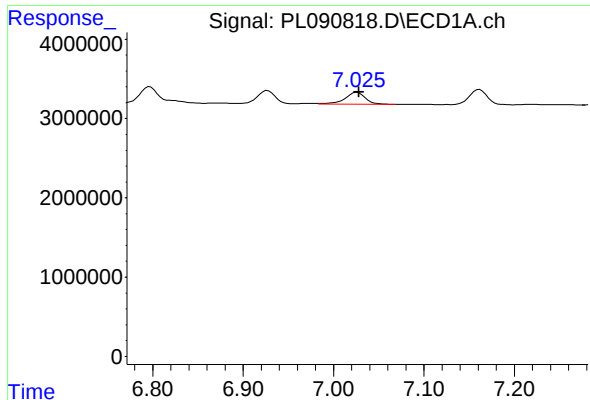
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 2269504
Conc: 1.38 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 1930343
Conc: 1.24 ng/ml m



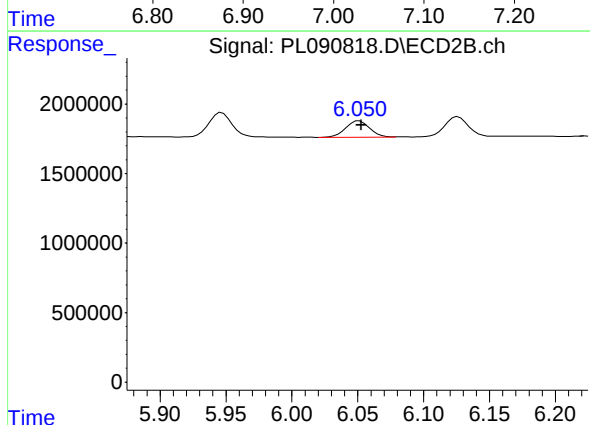
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.004 min
Response: 2351686
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

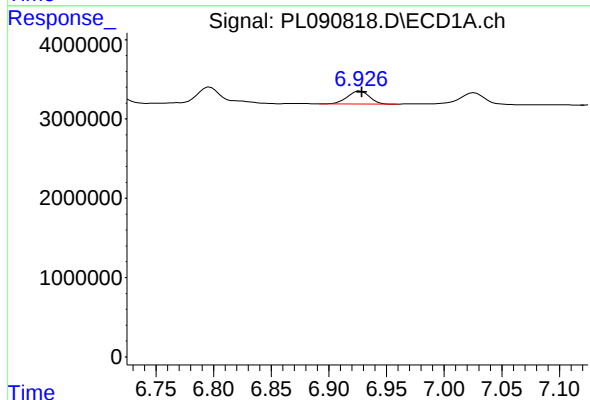
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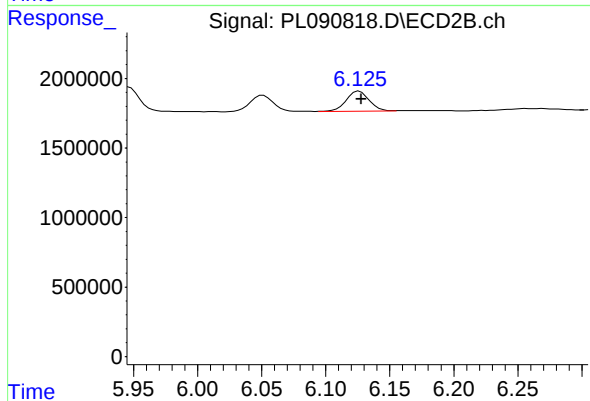
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 1481960
Conc: 0.89 ng/ml



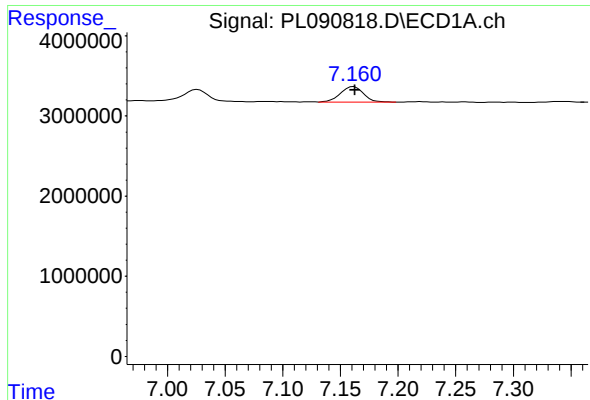
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 2179721
Conc: 1.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 1795284
Conc: 1.27 ng/ml



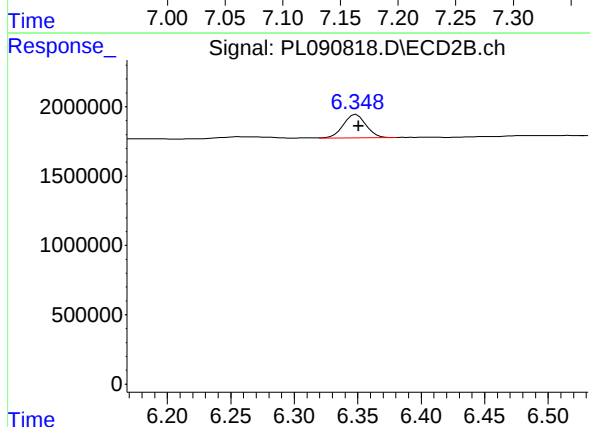
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 2661735
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

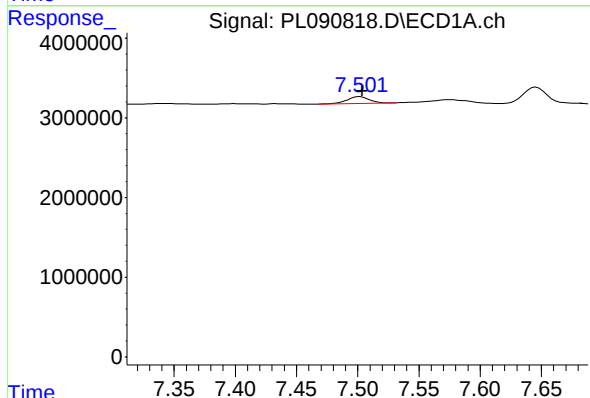
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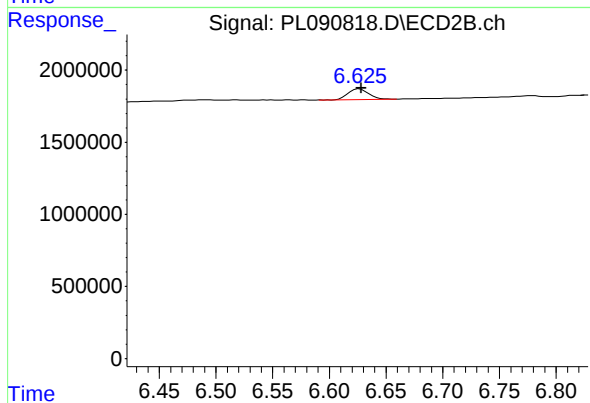
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 2073021
Conc: 1.19 ng/ml



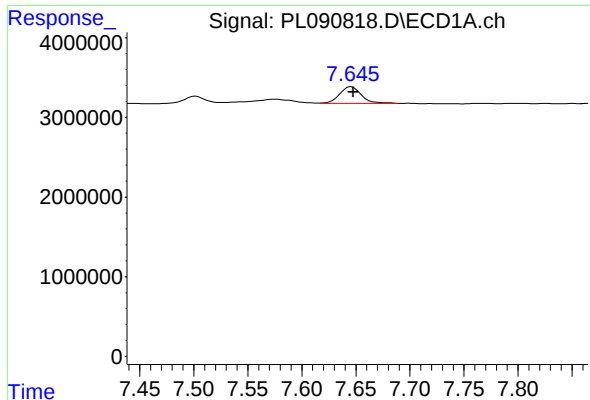
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.003 min
Response: 1081490
Conc: 1.13 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 946660
Conc: 1.03 ng/ml



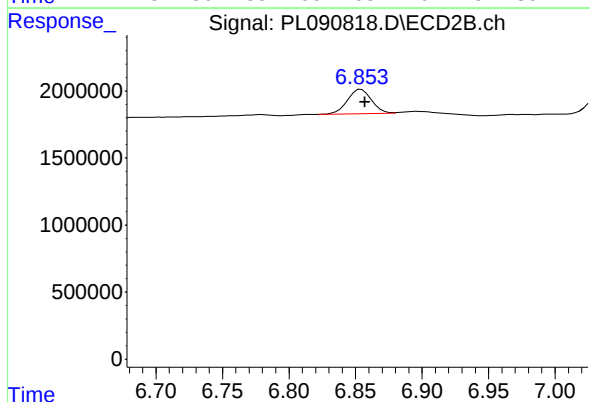
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 2981032
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

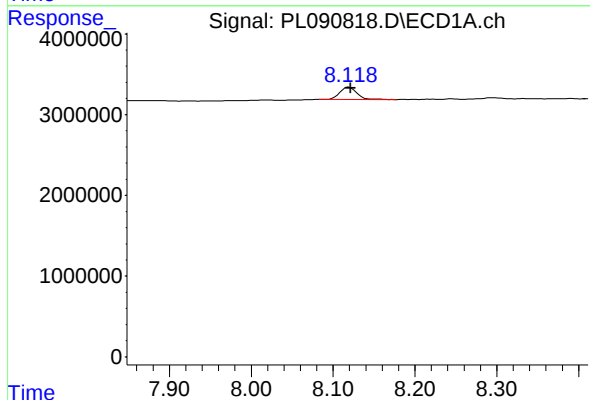
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/08/2024



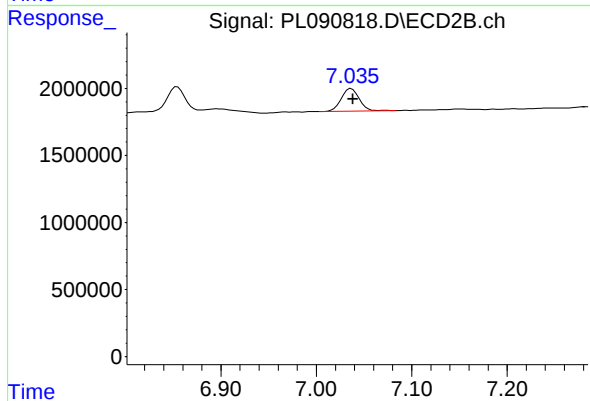
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2278882
Conc: 1.15 ng/ml



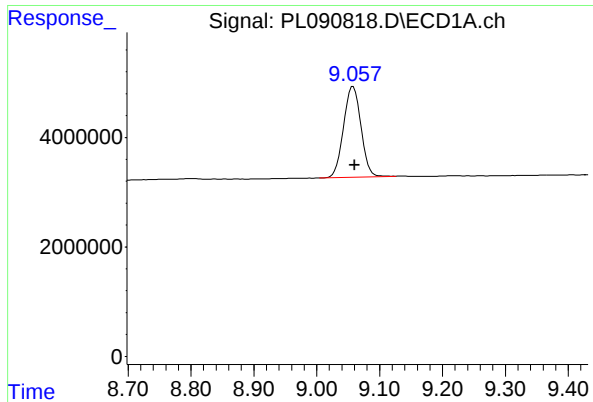
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 2226093
Conc: 1.43 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 2216192
Conc: 1.32 ng/ml



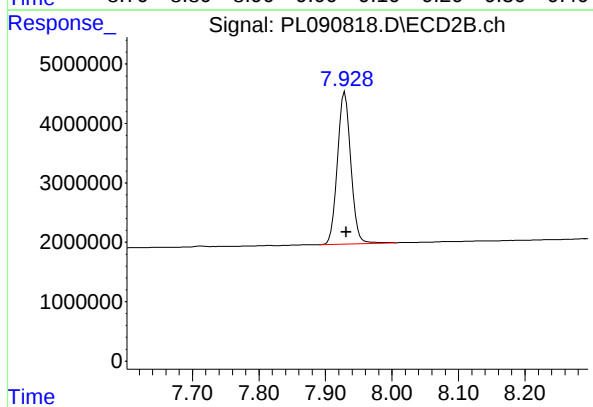
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 31936488
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.002 min
Response: 35453246
Conc: 21.24 ng/ml