

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 10:26
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 1PPB /SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:31:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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	2.786	41975561	34305949	20.159	20.384
28) SA Decachlor...	9.061	7.929	30690066	32898726	23.095	22.563
Target Compounds						
2) A alpha-BHC	4.003	3.287	3369618	2370842	1.136	0.981m
3) MA gamma-BHC...	4.335	3.619	3108992	2471068	1.110m	1.072
4) MA Heptachlor	4.923	3.960	3283365	2267339	1.290m	1.028
5) MB Aldrin	5.266	4.239	3279682	2281797	1.313	1.073m
6) B beta-BHC	4.530	3.918	1716717	1259829	1.353m	1.221
7) B delta-BHC	4.779	4.146	4604978	2177791	1.718	0.990m#
8) B Heptachlo...	5.691	4.743	3540314	2337595	1.506m	1.199
9) A Endosulfan I	6.076	5.113	3147737	2142447	1.472m	1.172
10) B gamma-Chl...	5.946	4.993	3459356	2422648	1.488m	1.195
11) B alpha-Chl...	6.025	5.057	3243569	2430636	1.413m	1.203
12) B 4,4'-DDE	6.197	5.246	2789435	1945514	1.380m	1.089
13) MA Dieldrin	6.350	5.378	3156634	2229062	1.421m	1.137
14) MA Endrin	6.580	5.653	2221313	1669874	1.208m	0.970
15) B Endosulfa...	6.801	5.947	3791463	2142836	1.928	1.254 #
16) A 4,4'-DDD	6.714	5.800	2511069	1939146	1.487m	1.294
17) MA 4,4'-DDT	7.030	6.052	1802323	1289791	1.071	0.880
18) B Endrin al...	6.928	6.127	2182444	1677377	1.471m	1.284
19) B Endosulfa...	7.163	6.349	2597918	2089995	1.479m	1.296
20) A Methoxychlor	7.503	6.626	1137750	800880	1.289m	0.991
21) B Endrin ke...	7.648	6.854	3053164	2628580	1.599	1.438
22) Mirex	8.122	7.037	2394687	2193908	1.691	1.476

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 10:26
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 1PPB /SOIL
ALS Vial : 7 Sample Multiplier: 1

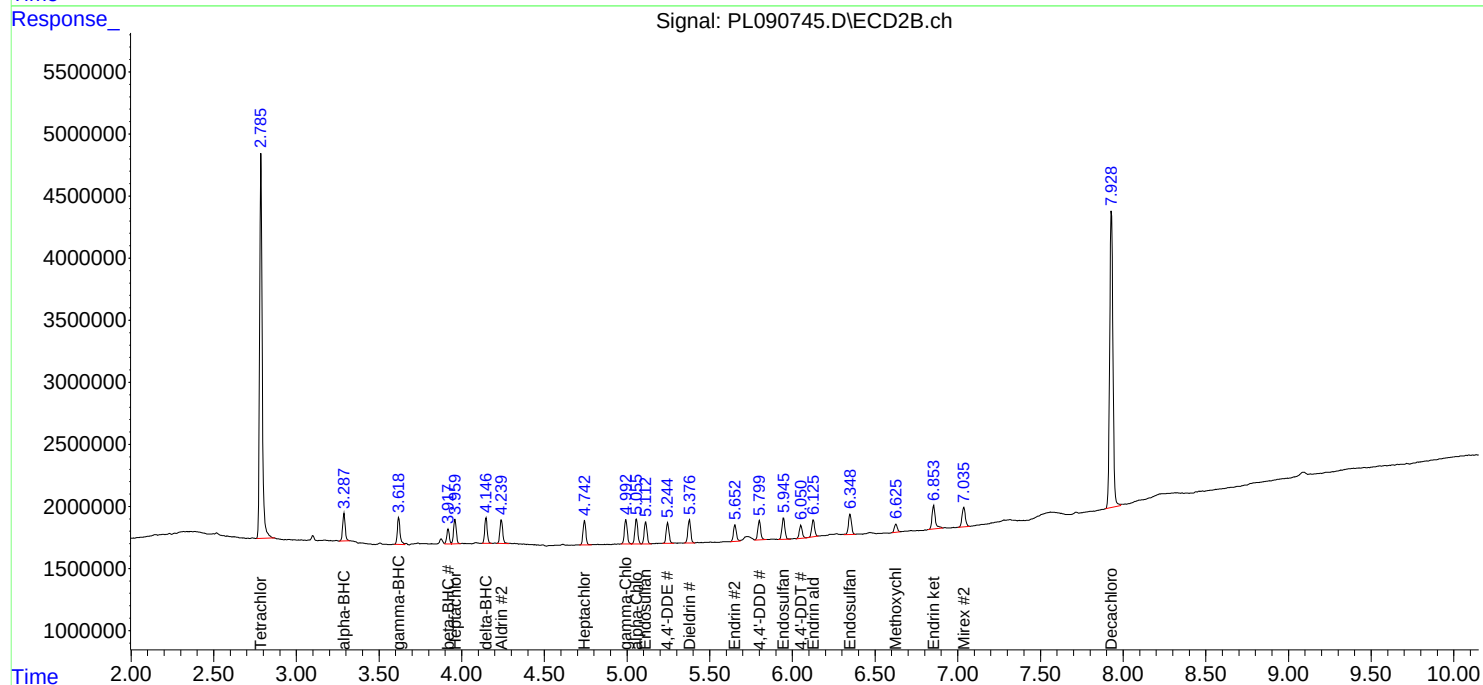
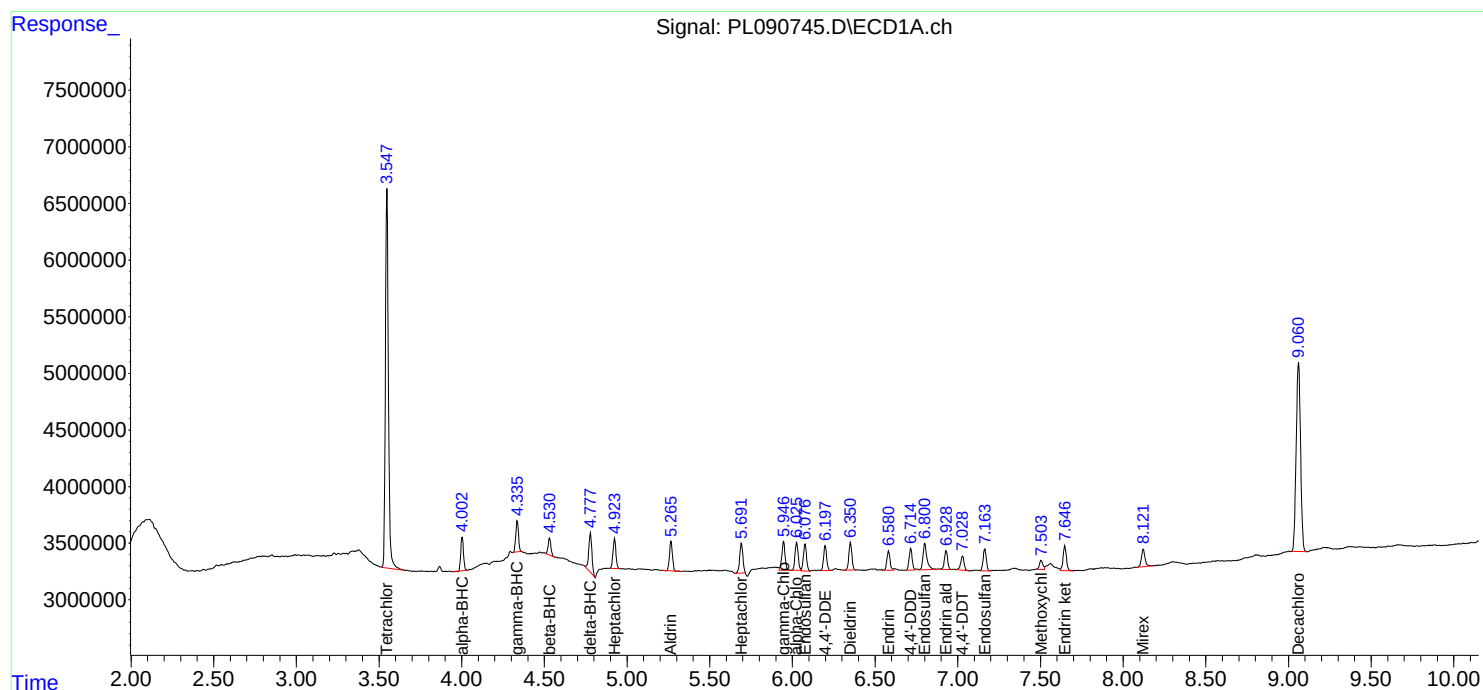
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

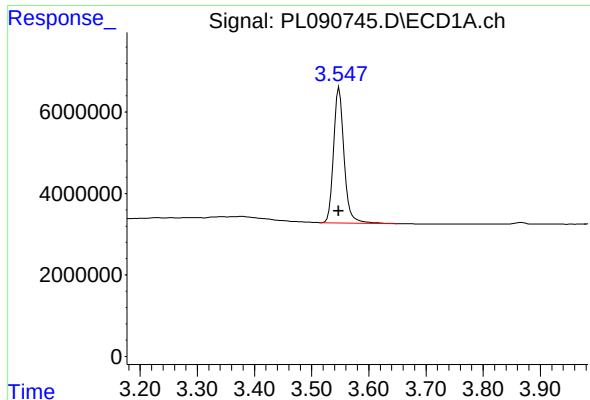
Manual Integrations
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Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:31:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





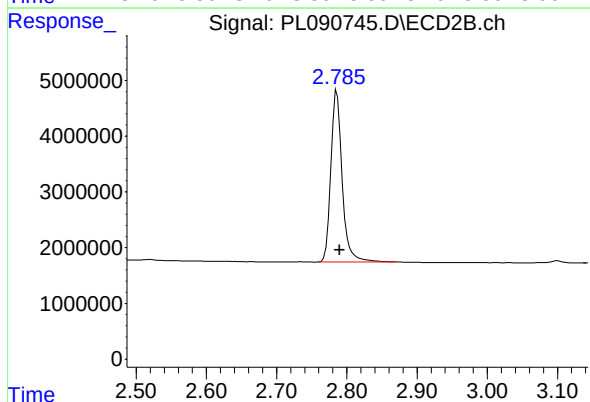
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 41975561
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
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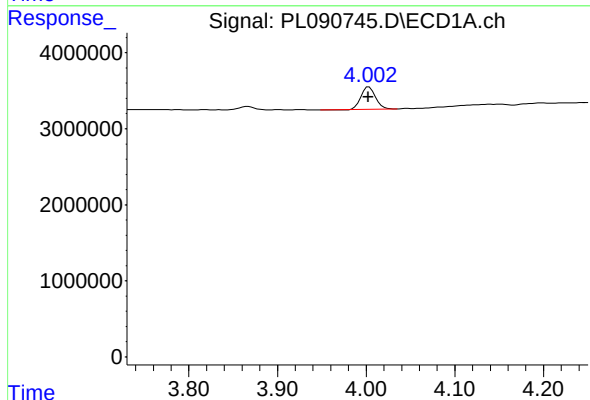
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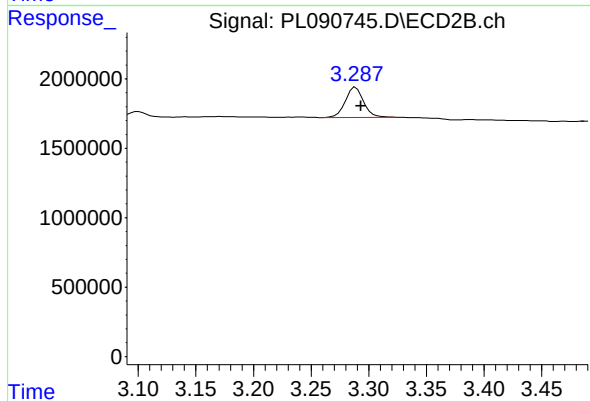
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.004 min
Response: 34305949
Conc: 20.38 ng/ml



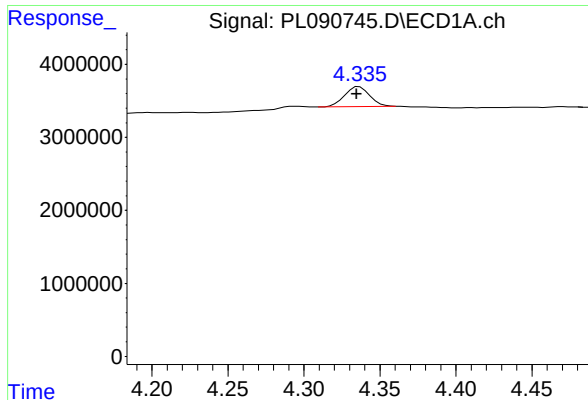
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 3369618
Conc: 1.14 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.006 min
Response: 2370842
Conc: 0.98 ng/ml m



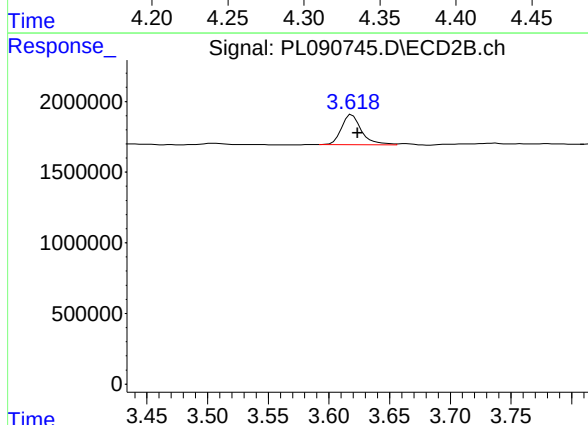
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 3108992
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
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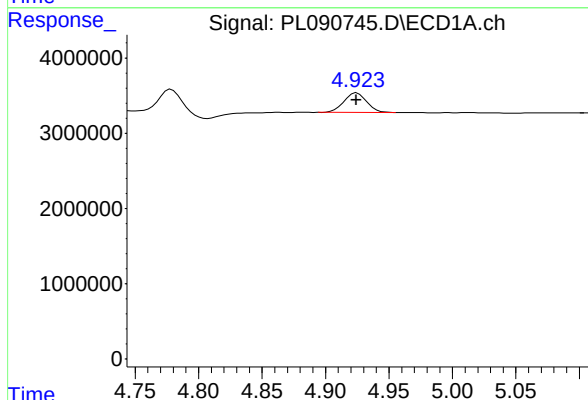
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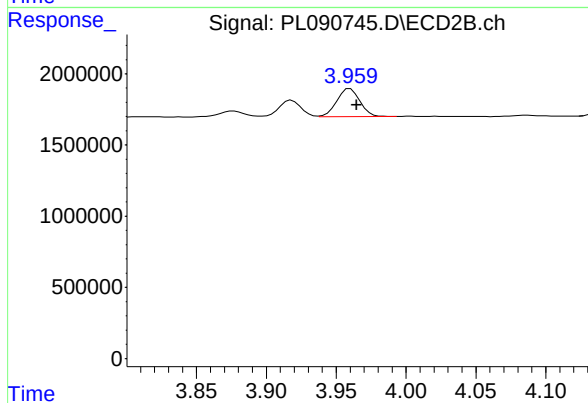
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 2471068
Conc: 1.07 ng/ml



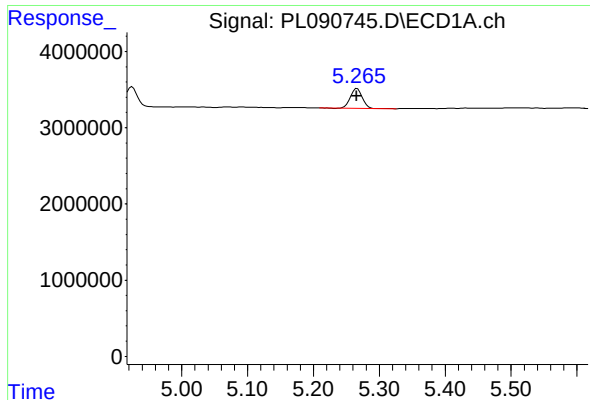
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 3283365
Conc: 1.29 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 2267339
Conc: 1.03 ng/ml



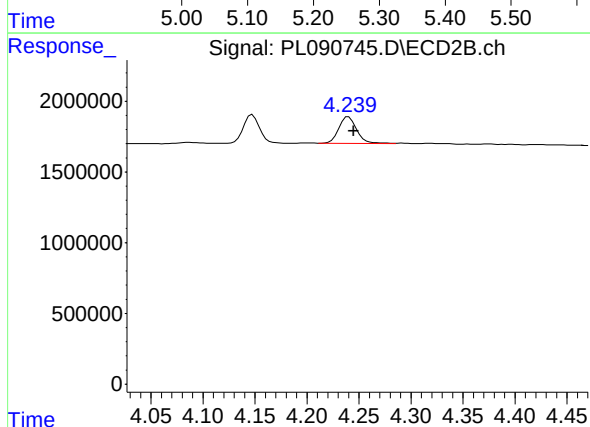
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 3279682
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

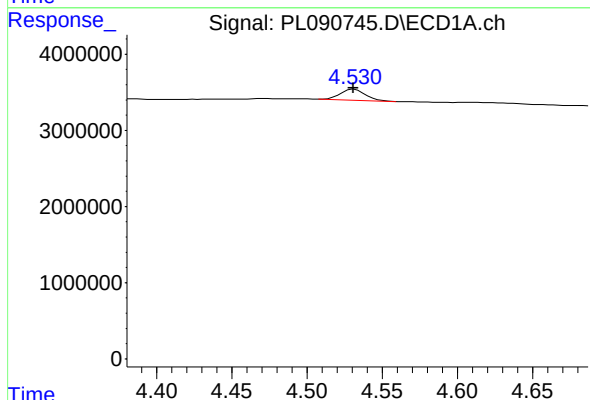
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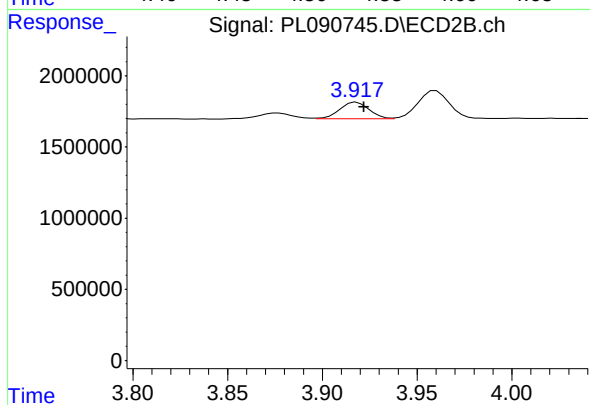
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 2281797
Conc: 1.07 ng/ml m



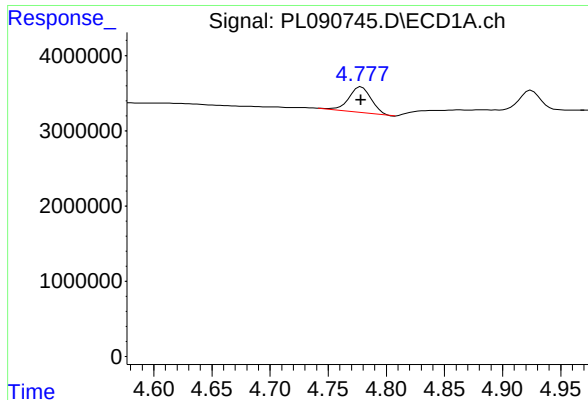
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1716717
Conc: 1.35 ng/ml m



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 1259829
Conc: 1.22 ng/ml



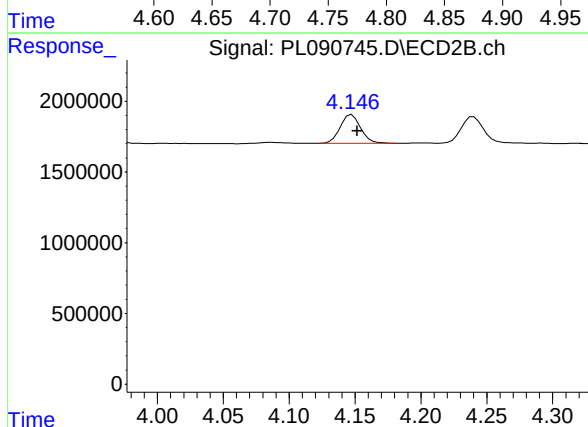
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 4604978
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

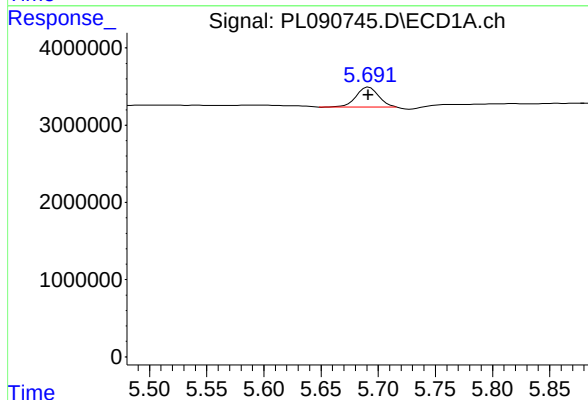
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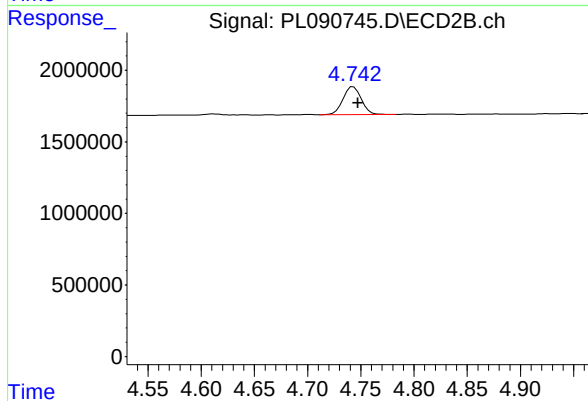
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 2177791
Conc: 0.99 ng/ml m



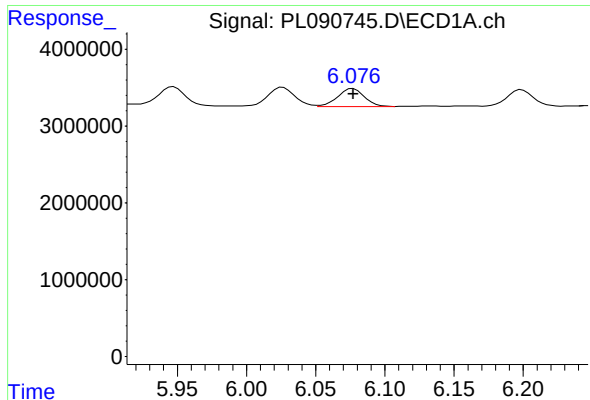
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 3540314
Conc: 1.51 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 2337595
Conc: 1.20 ng/ml



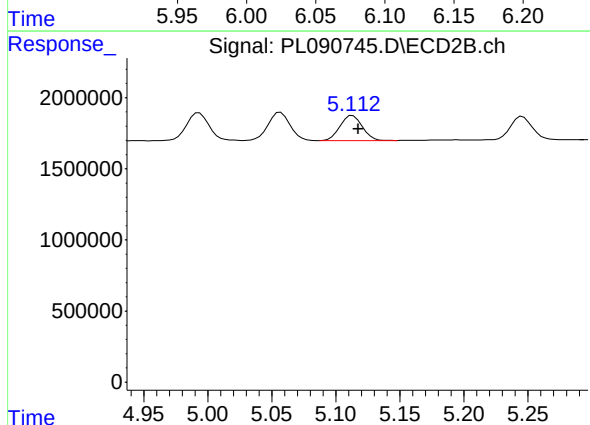
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 3147737
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

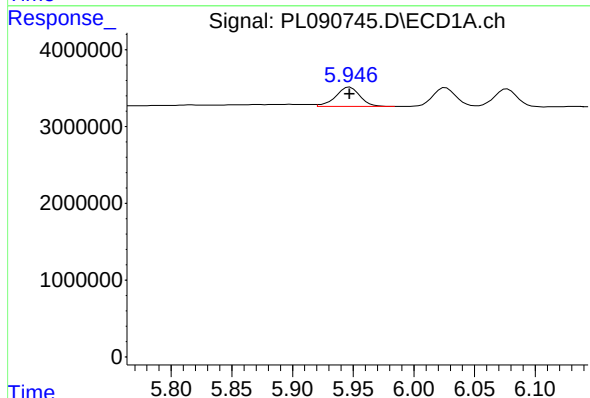
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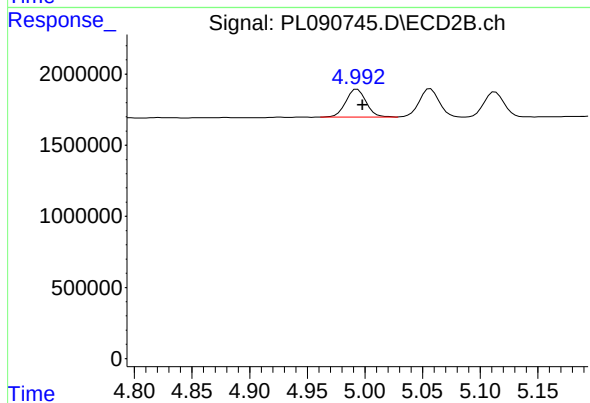
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 2142447
Conc: 1.17 ng/ml



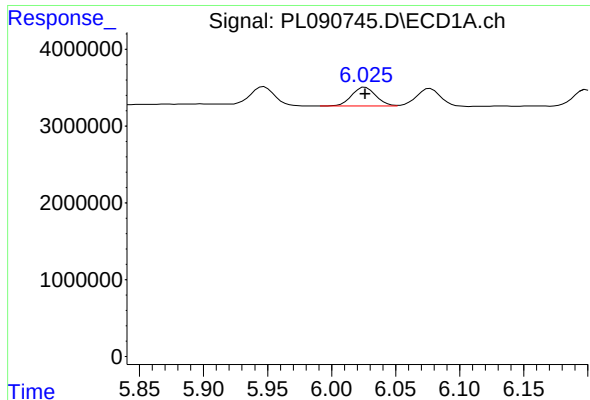
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 3459356
Conc: 1.49 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 2422648
Conc: 1.19 ng/ml



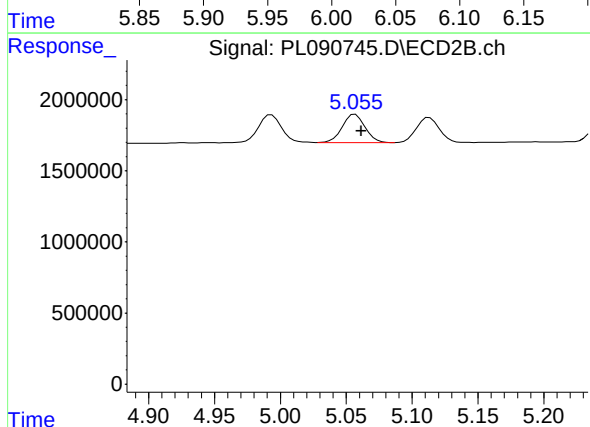
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: -0.001 min
Response: 3243569
Conc: 1.41 ng/ml

Instrument : ECD_L
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

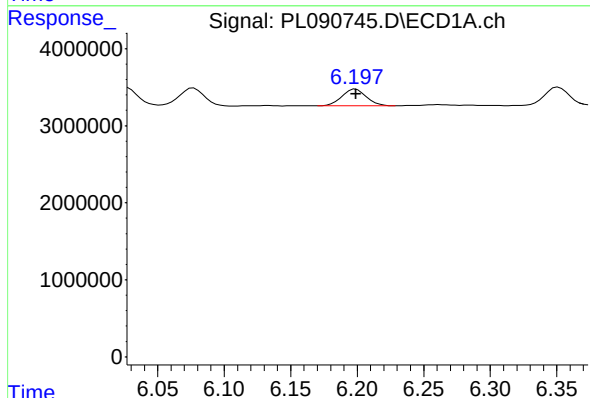
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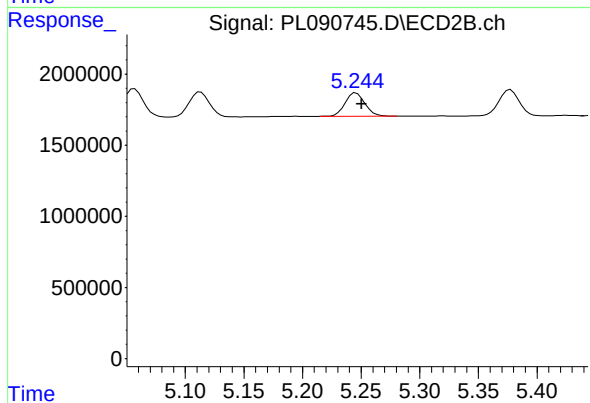
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 2430636
Conc: 1.20 ng/ml



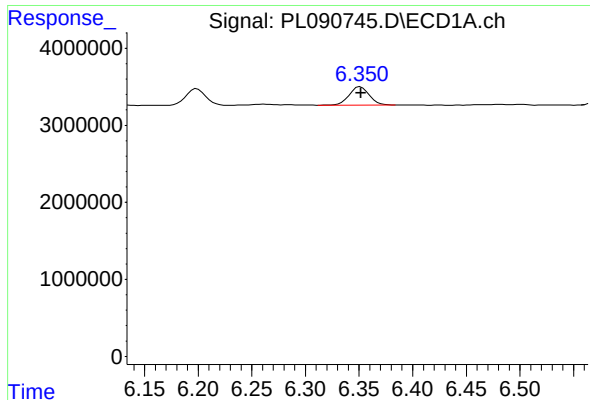
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 2789435
Conc: 1.38 ng/ml m



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.005 min
Response: 1945514
Conc: 1.09 ng/ml



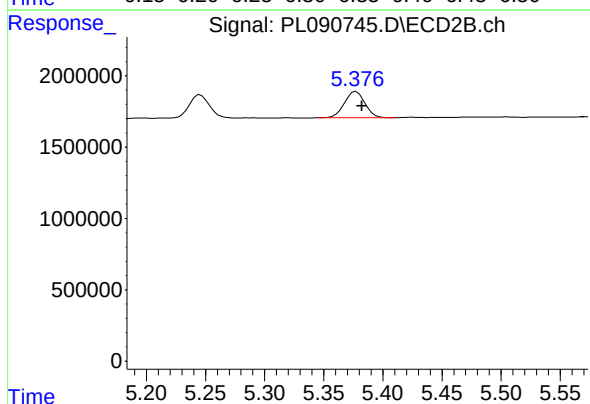
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 3156634
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

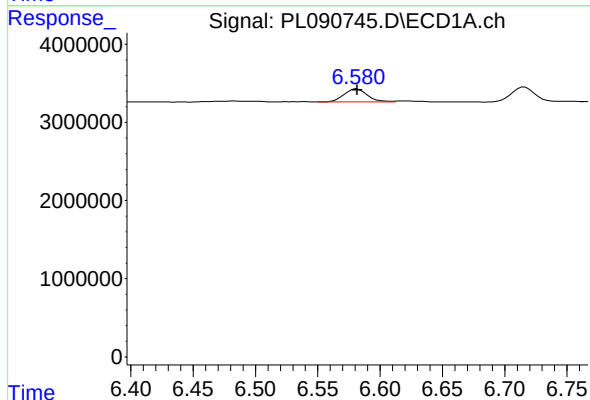
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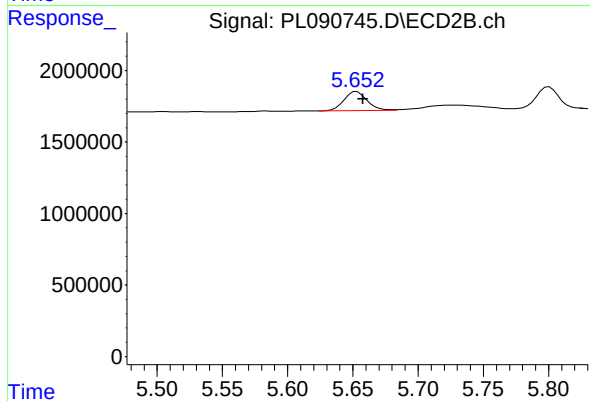
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.005 min
Response: 2229062
Conc: 1.14 ng/ml



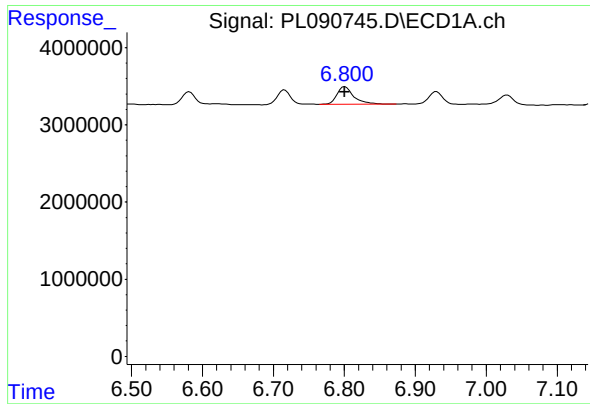
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 2221313
Conc: 1.21 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 1669874
Conc: 0.97 ng/ml



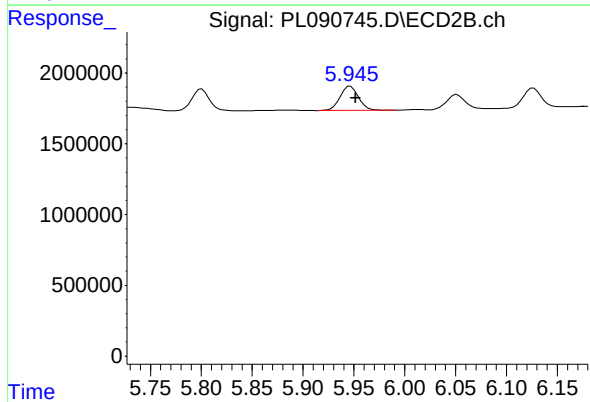
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 3791463
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

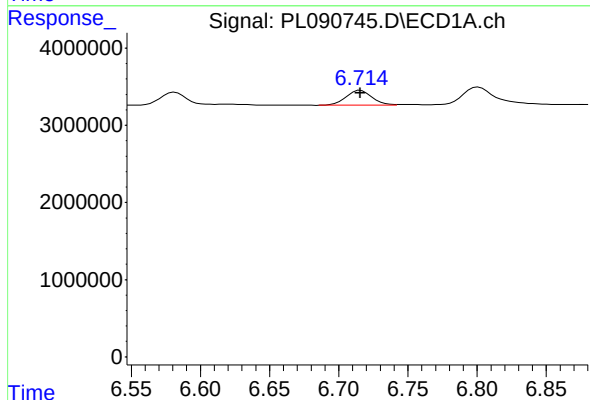
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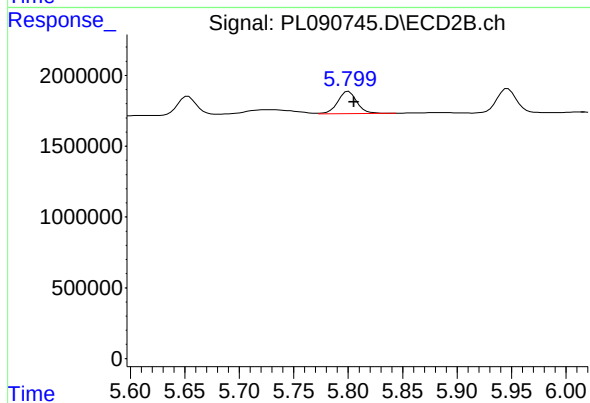
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2142836
Conc: 1.25 ng/ml



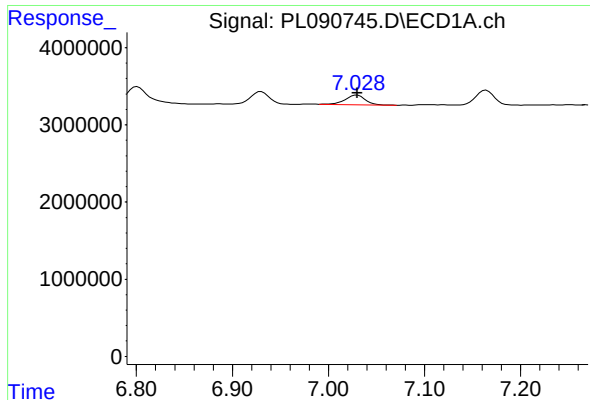
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 2511069
Conc: 1.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 1939146
Conc: 1.29 ng/ml



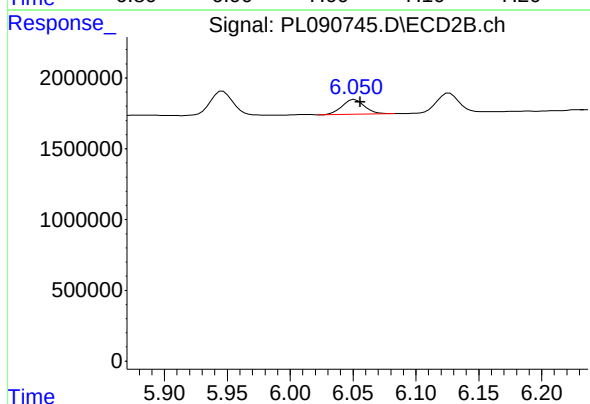
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 1802323
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

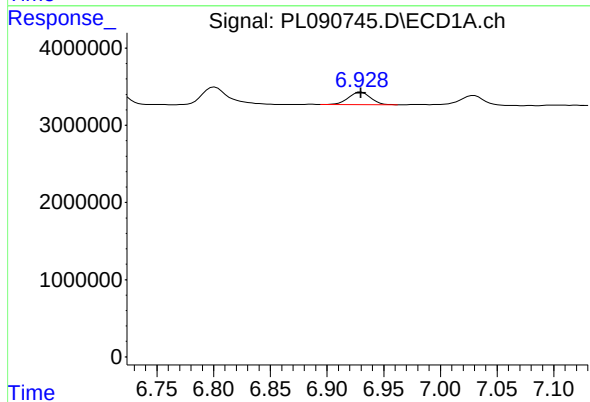
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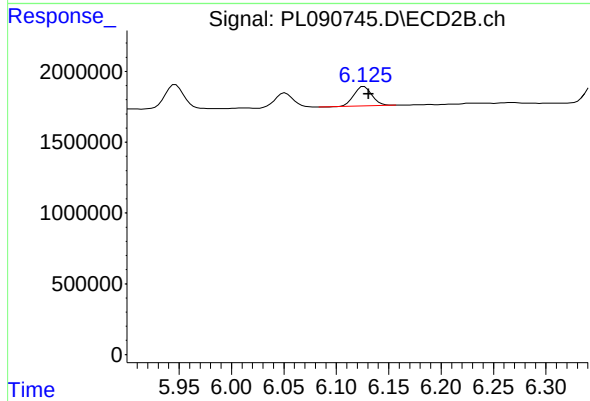
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 1289791
Conc: 0.88 ng/ml



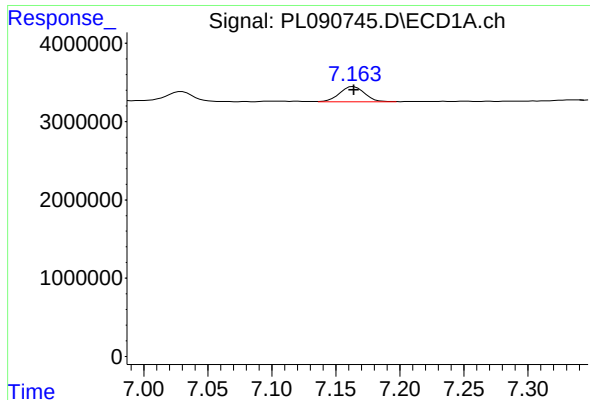
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2182444
Conc: 1.47 ng/ml m



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 1677377
Conc: 1.28 ng/ml



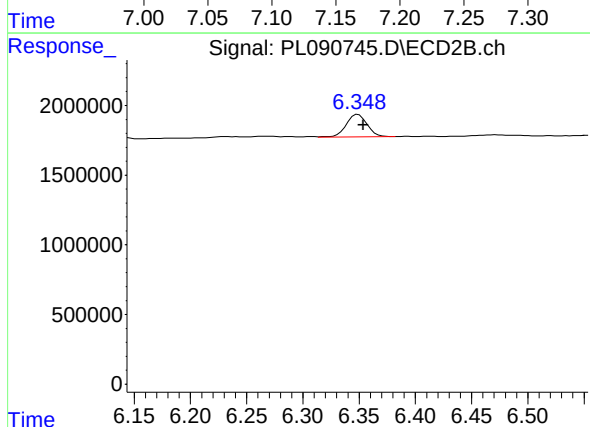
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 2597918
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

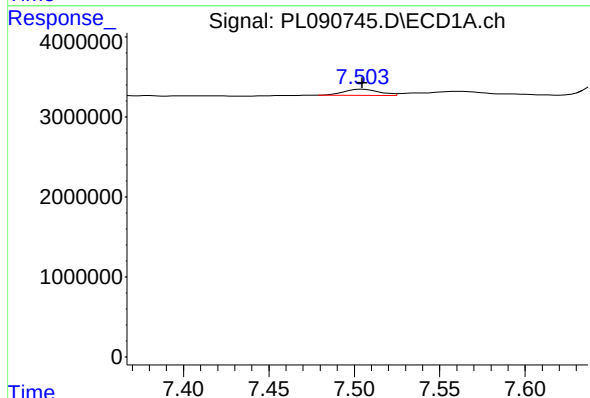
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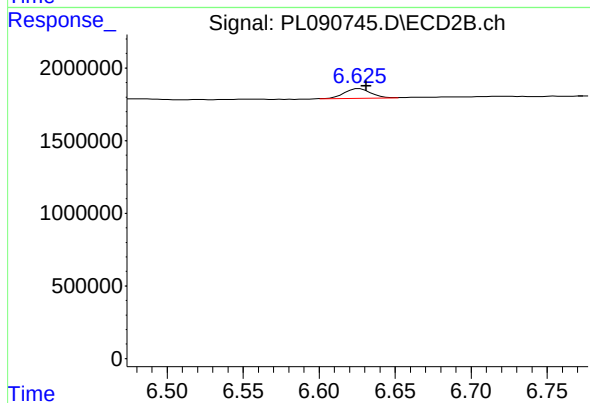
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 2089995
Conc: 1.30 ng/ml



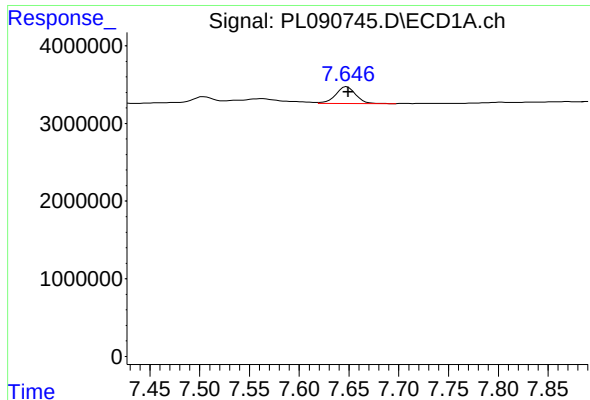
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 1137750
Conc: 1.29 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 800880
Conc: 0.99 ng/ml



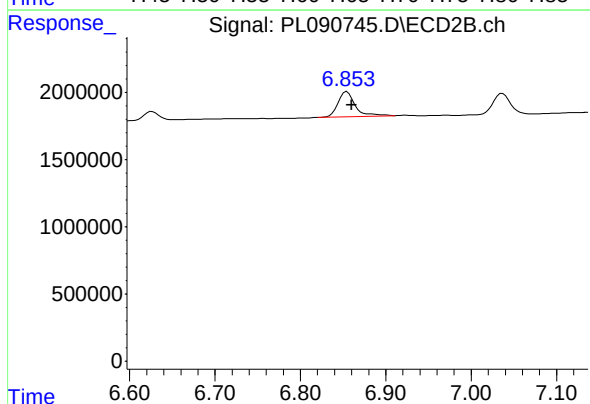
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 3053164
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

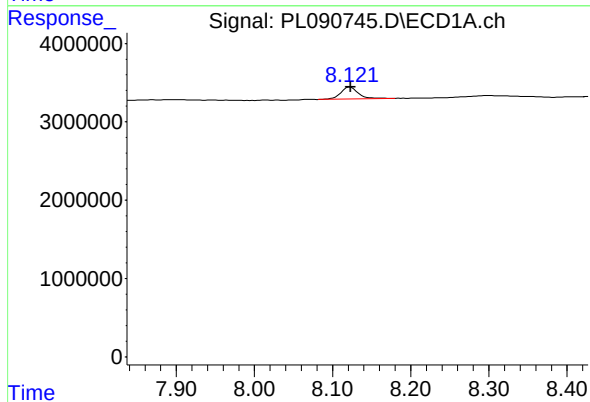
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



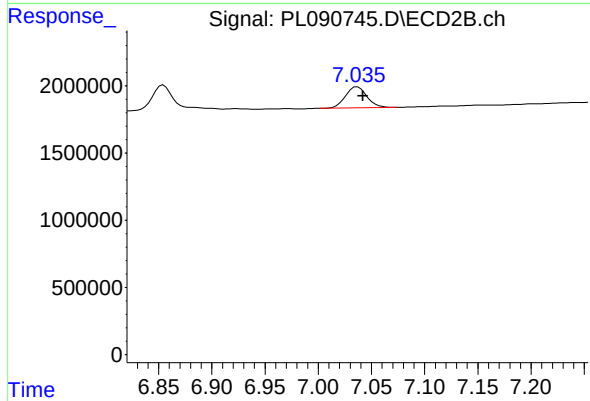
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.006 min
Response: 2628580
Conc: 1.44 ng/ml



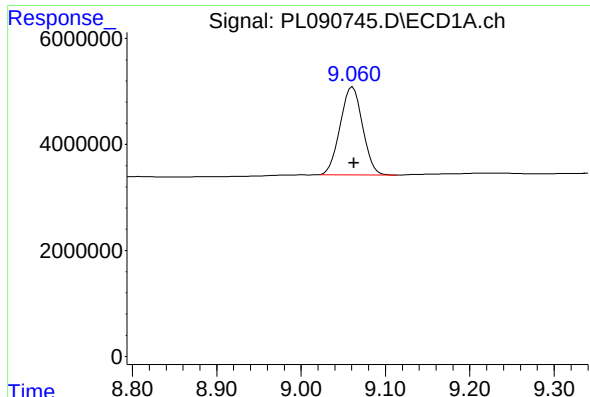
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 2394687
Conc: 1.69 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: -0.005 min
Response: 2193908
Conc: 1.48 ng/ml



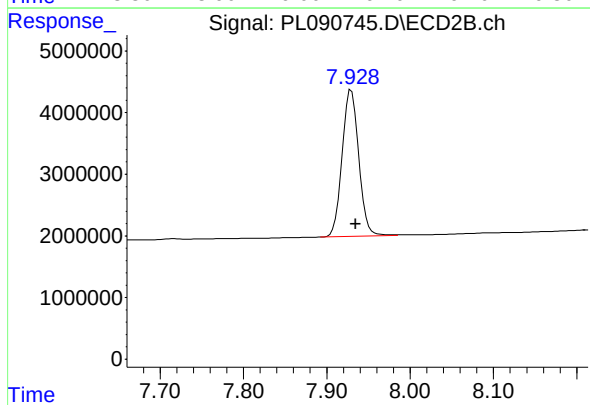
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 30690066
Conc: 23.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 32898726
Conc: 22.56 ng/ml