

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 10:29
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-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 07:14:37 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...	3.545	2.779	41996660	45392781	18.878	18.099
28)	SA Decachlor...	9.063	7.921	33885897	48204233	20.684	19.267
Target Compounds							
2)	A alpha-BHC	4.000	3.281	8553126	8074745	2.762	2.216
3)	MA gamma-BHC...	4.333	3.612	8008759	8008919	2.584	2.268
4)	MA Heptachlor	4.920	3.951	8703844	8721766	3.147m	2.528
5)	MB Aldrin	5.264	4.231	8153776	7803649	2.936	2.294
6)	B beta-BHC	4.531	3.912	3974747	4374957	2.997	2.911
7)	B delta-BHC	4.776	4.139	8349775	7773311	2.895m	2.239m
8)	B Heptachlo...	5.689	4.735	7957440	8046239	3.127m	2.662
9)	A Endosulfan I	6.076	5.105	7329932	7269475	3.168	2.649
10)	B gamma-Chl...	5.945	4.985	7644920	7989095	3.094m	2.655
11)	B alpha-Chl...	6.025	5.049	8490021	7907327	3.447	2.641
12)	B 4,4'-DDE	6.199	5.238	6597604	7547102	3.048	2.716
13)	MA Dieldrin	6.351	5.369	7492679	7057793	3.072	2.407
14)	MA Endrin	6.581	5.645	5909190	6364711	2.868	2.427
15)	B Endosulfa...	6.801	5.940	7384488	6644441	3.357	2.655
16)	A 4,4'-DDD	6.715	5.793	5661788	5381130	3.153m	2.519
17)	MA 4,4'-DDT	7.029	6.043	5706287	5438802	3.099m	2.351
18)	B Endrin al...	6.931	6.119	5497307	5213779	3.154	2.555
19)	B Endosulfa...	7.165	6.342	6207329	6241434	3.131	2.587
20)	A Methoxychlor	7.504	6.619	2870763	3449291	2.924m	2.759
21)	B Endrin ke...	7.648	6.848	6403588	7009335	2.914m	2.531
22)	Mirex	8.123	7.029	5541412	7149811	3.077	2.939

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

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 Sample : P4368-01
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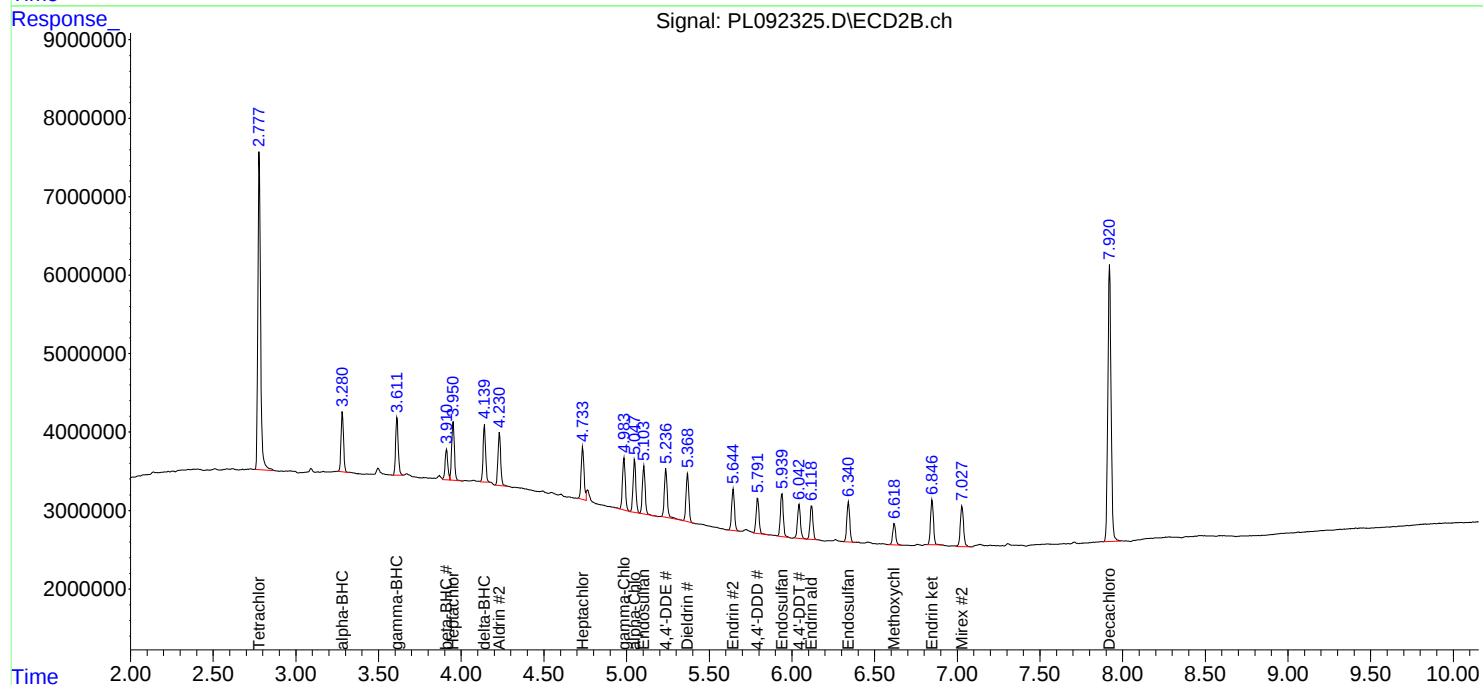
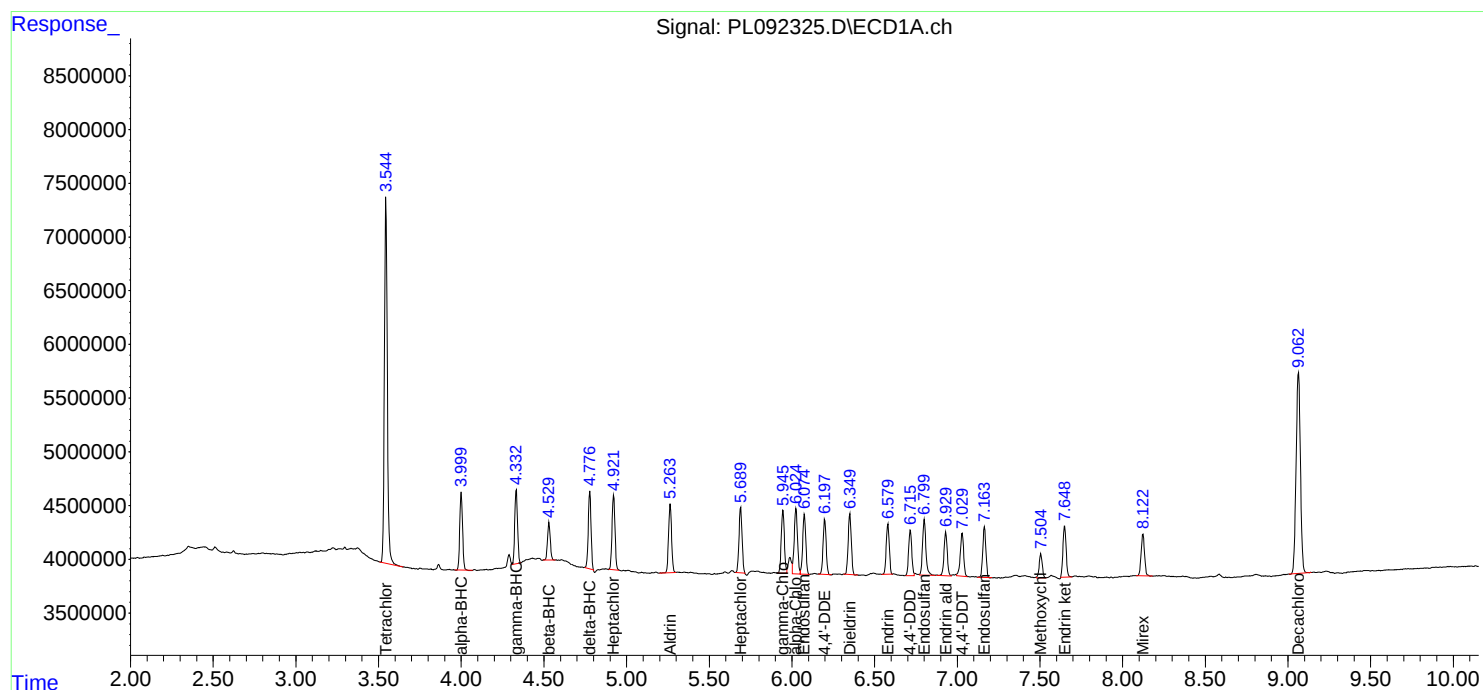
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

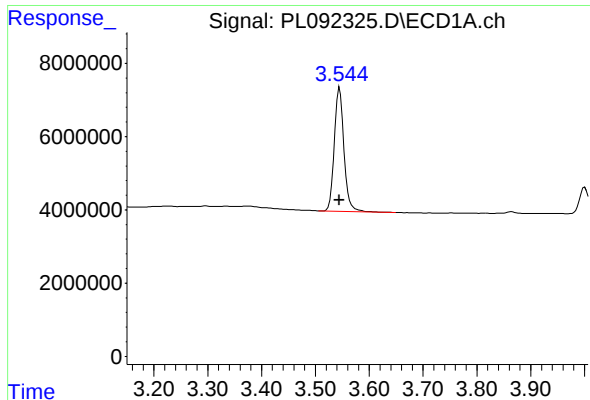
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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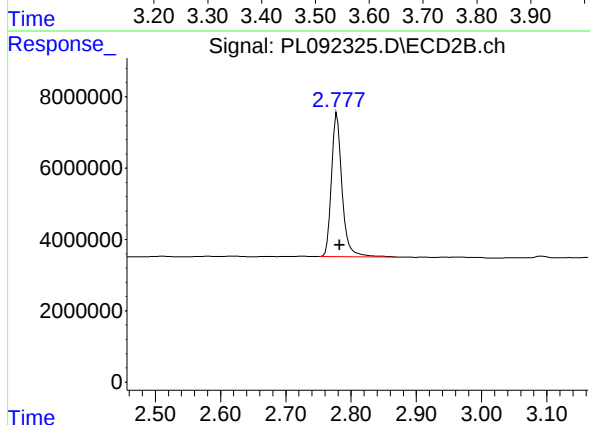
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 41996660
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

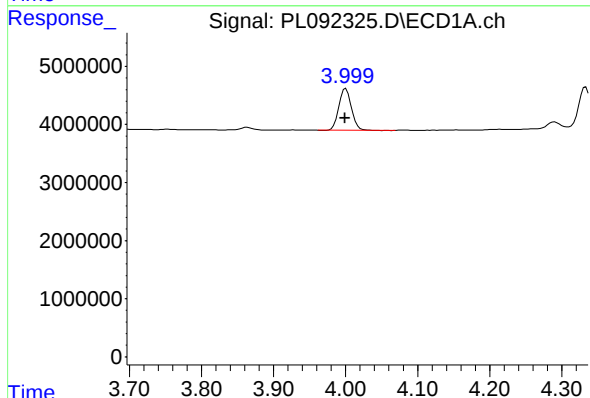
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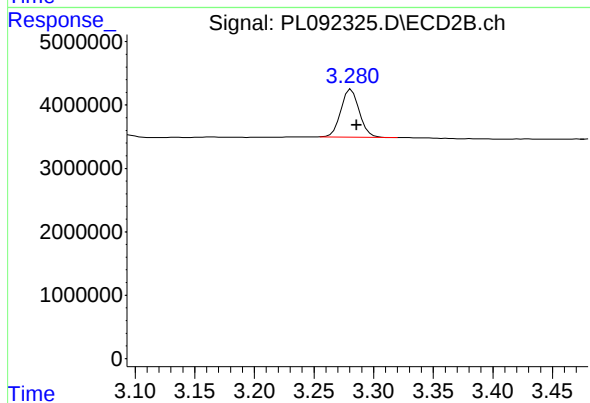
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.004 min
Response: 45392781
Conc: 18.10 ng/ml



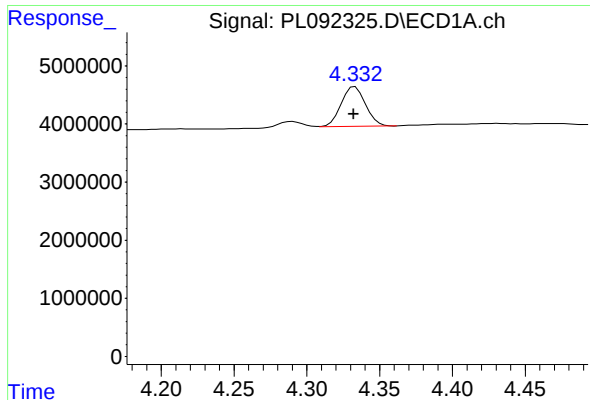
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 8553126
Conc: 2.76 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.004 min
Response: 8074745
Conc: 2.22 ng/ml



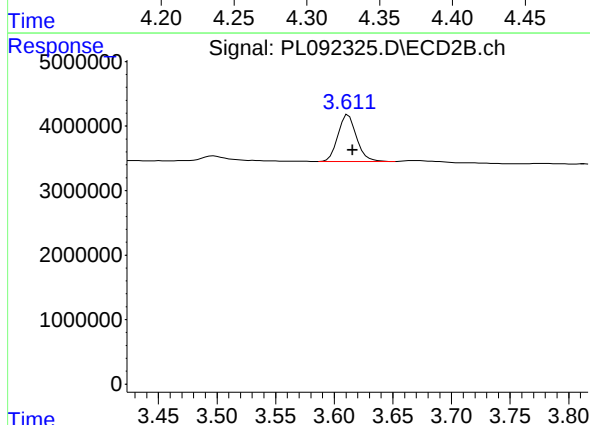
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 8008759
Conc: 2.58 ng/ml

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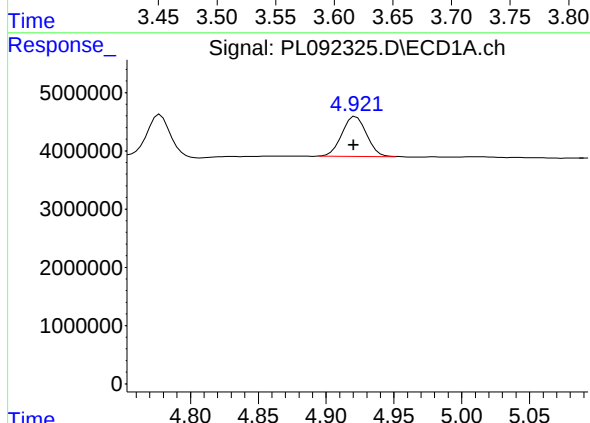
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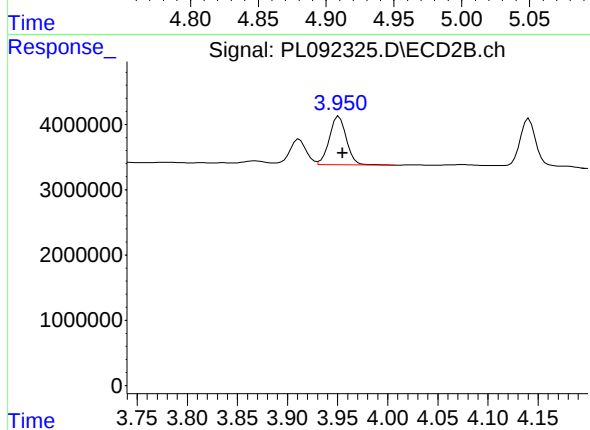
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: -0.004 min
Response: 8008919
Conc: 2.27 ng/ml



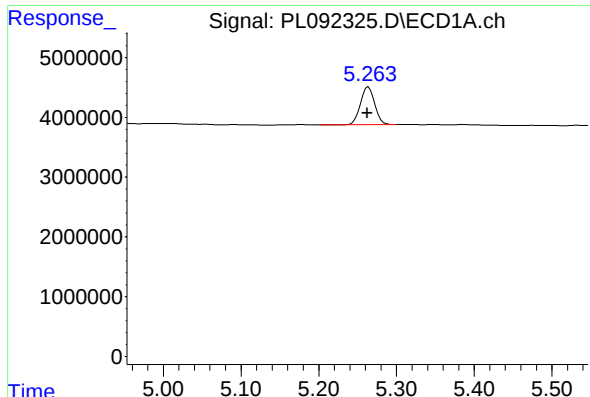
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 8703844
Conc: 3.15 ng/ml m



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 8721766
Conc: 2.53 ng/ml



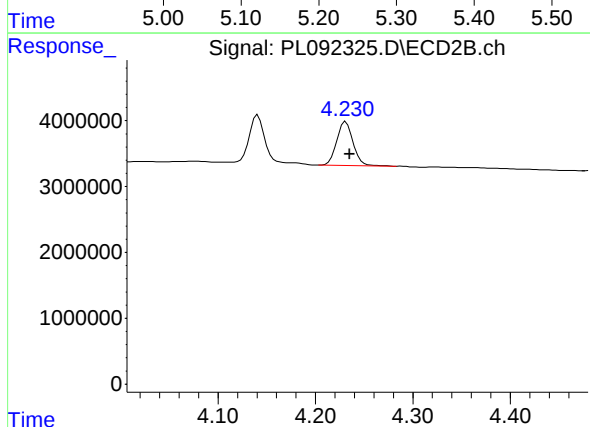
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 8153776
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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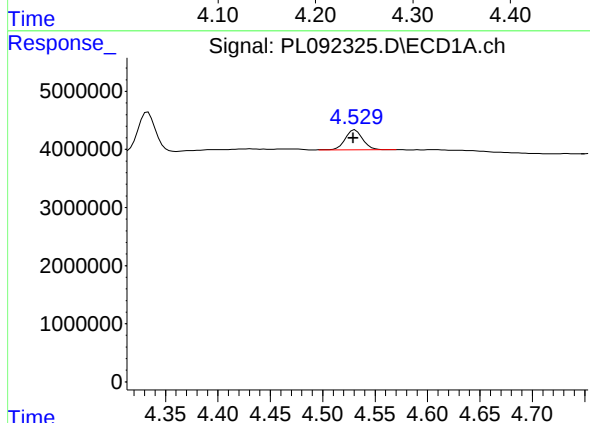
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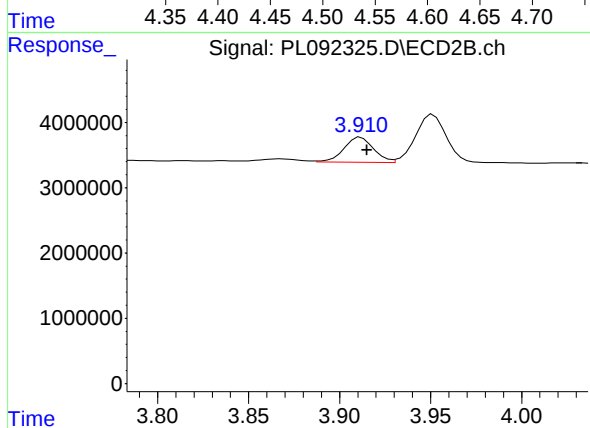
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 7803649
Conc: 2.29 ng/ml



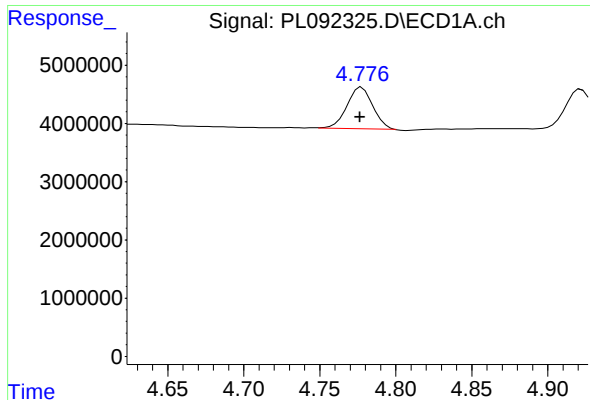
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 3974747
Conc: 3.00 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 4374957
Conc: 2.91 ng/ml



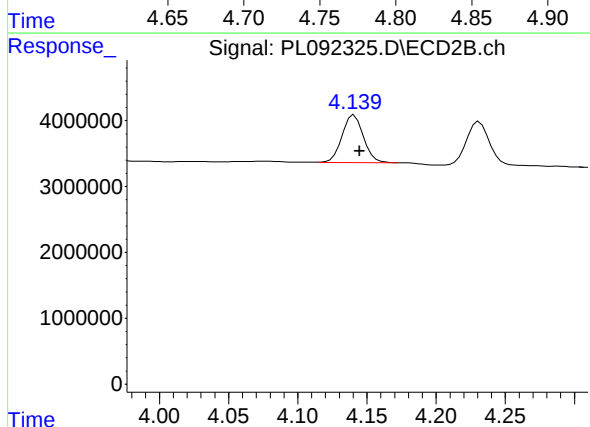
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 8349775
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

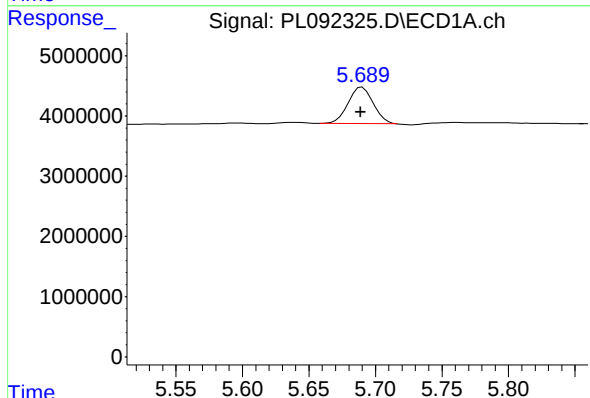
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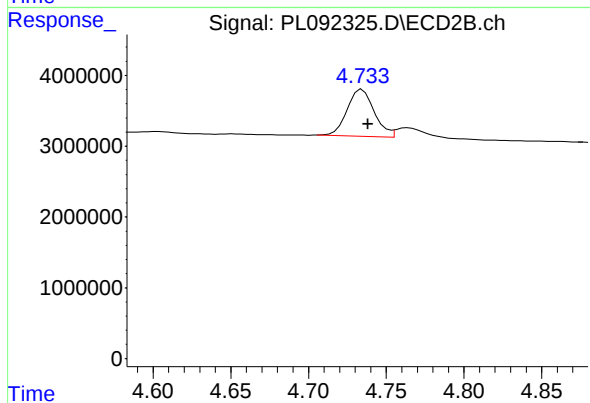
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: -0.005 min
Response: 7773311
Conc: 2.24 ng/ml m



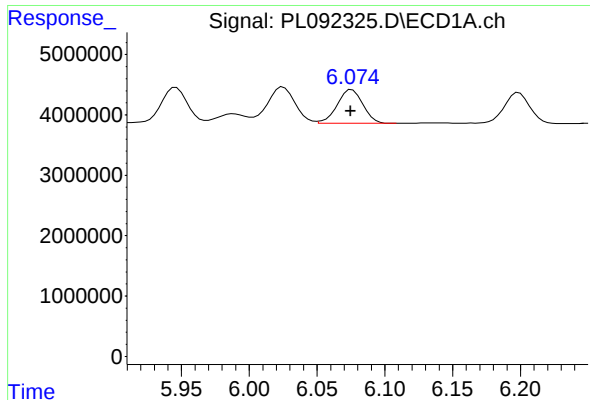
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 7957440
Conc: 3.13 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 8046239
Conc: 2.66 ng/ml



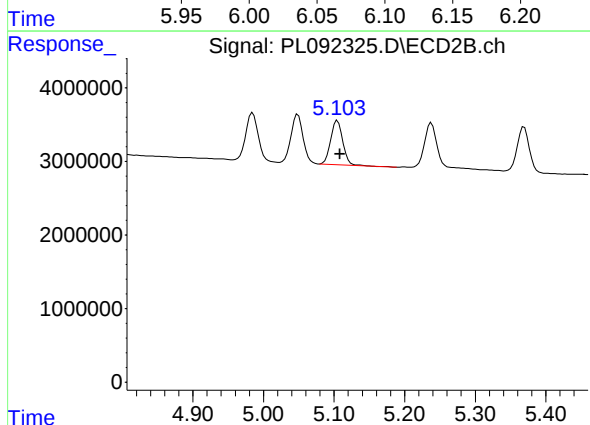
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 7329932
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

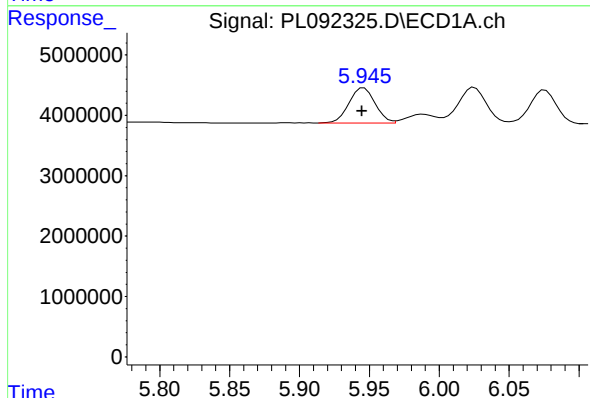
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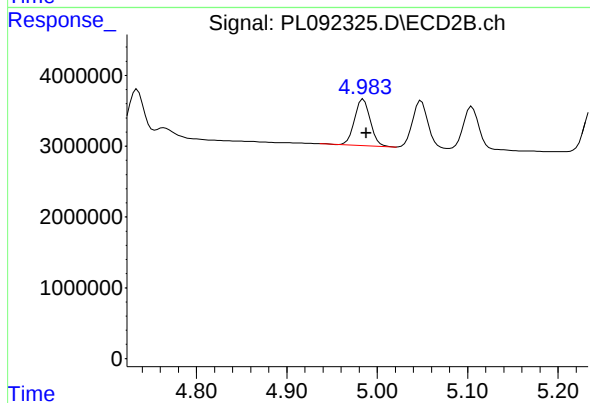
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 7269475
Conc: 2.65 ng/ml



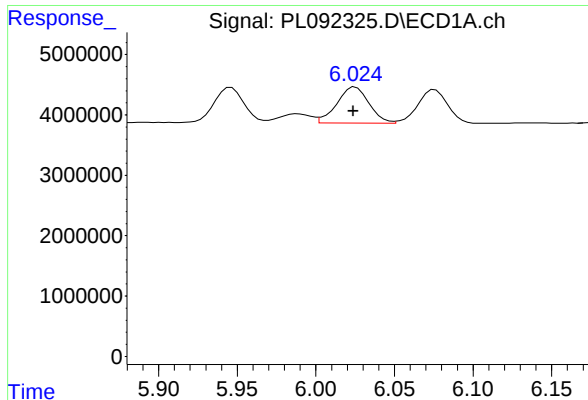
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 7644920
Conc: 3.09 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.004 min
Response: 7989095
Conc: 2.66 ng/ml



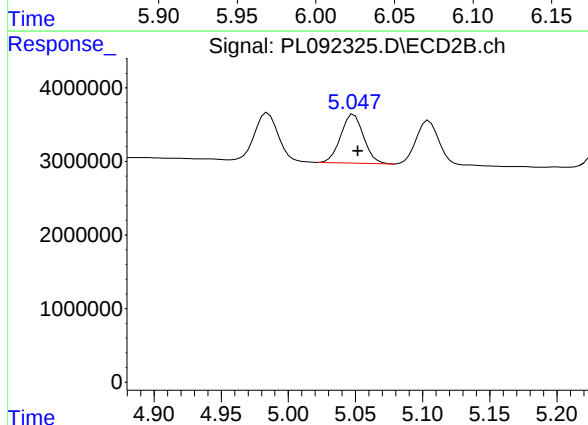
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 8490021
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
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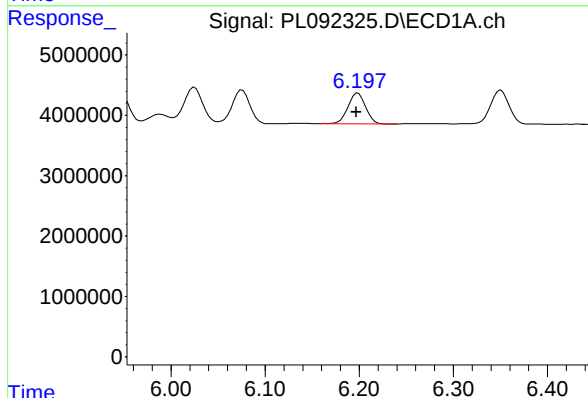
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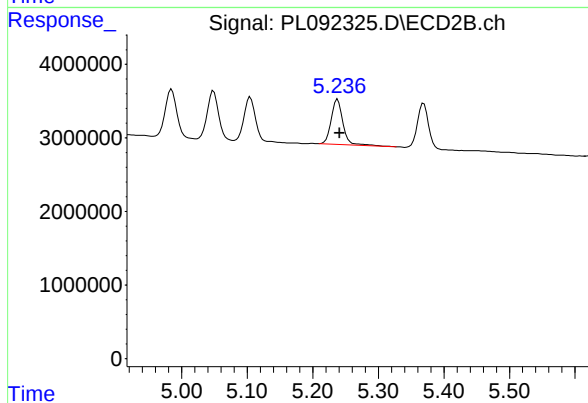
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 7907327
Conc: 2.64 ng/ml



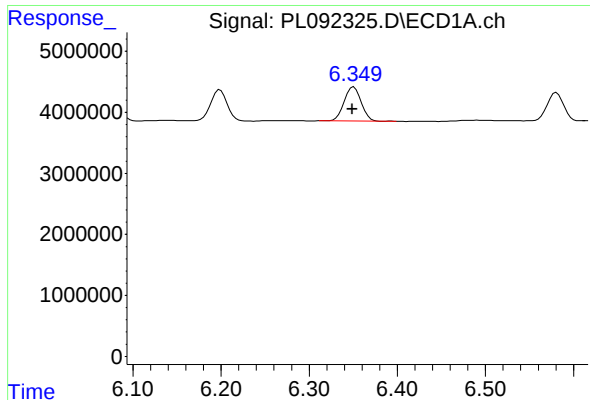
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 6597604
Conc: 3.05 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 7547102
Conc: 2.72 ng/ml



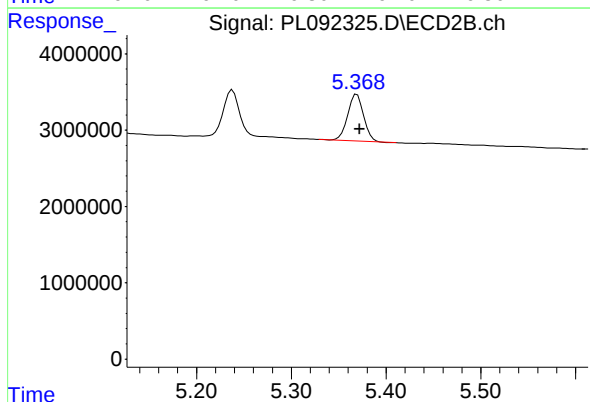
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 7492679
Conc: 3.07 ng/ml

Instrument : ECD_L
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

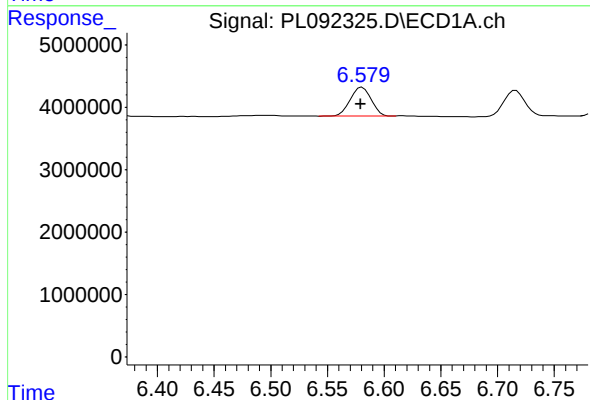
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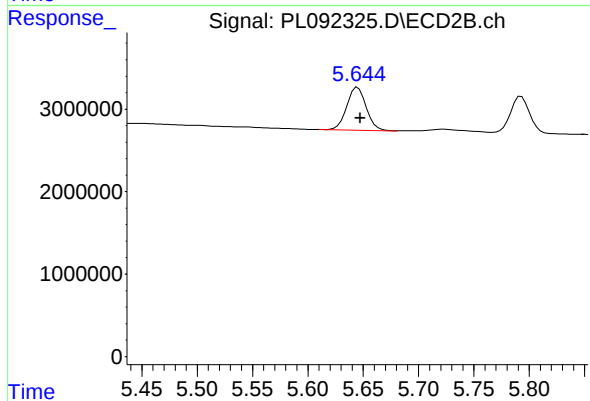
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 7057793
Conc: 2.41 ng/ml



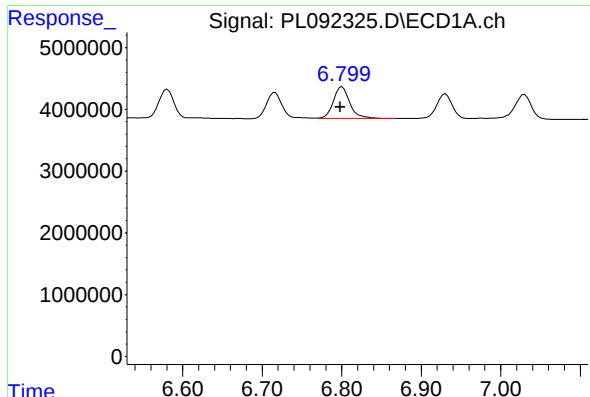
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 5909190
Conc: 2.87 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 6364711
Conc: 2.43 ng/ml



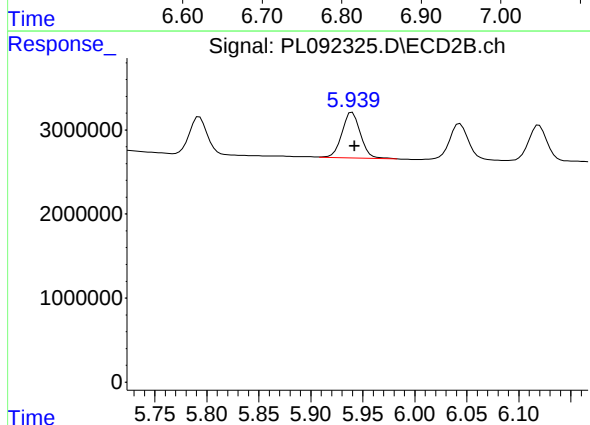
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 7384488
Conc: 3.36 ng/ml

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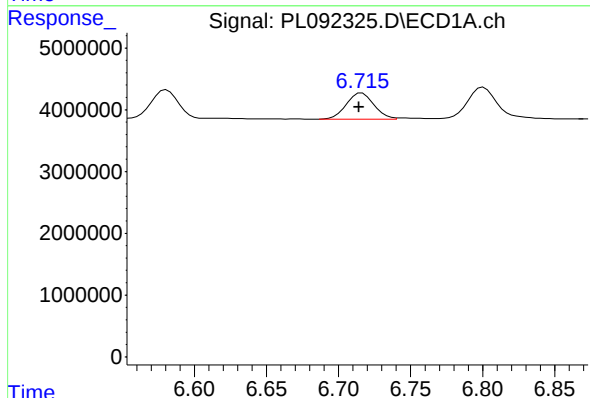
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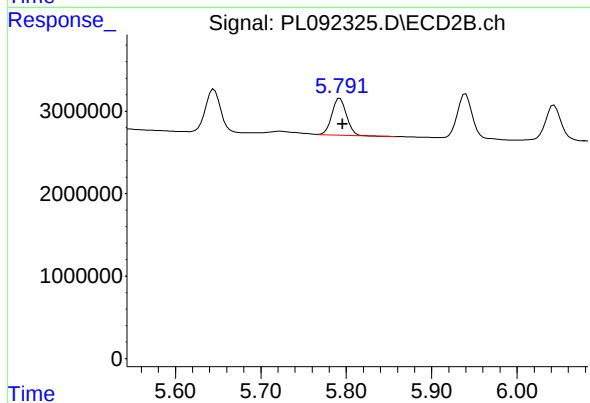
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 6644441
Conc: 2.66 ng/ml



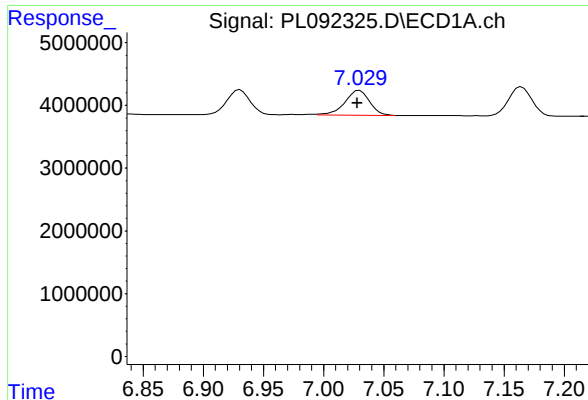
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 5661788
Conc: 3.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 5381130
Conc: 2.52 ng/ml



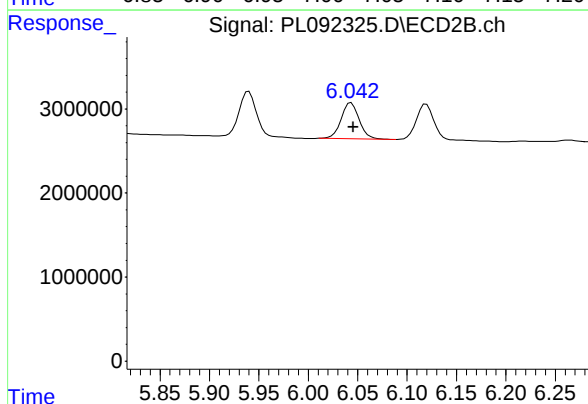
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 5706287
Conc: 3.10 ng/ml

Instrument :
ECD_L
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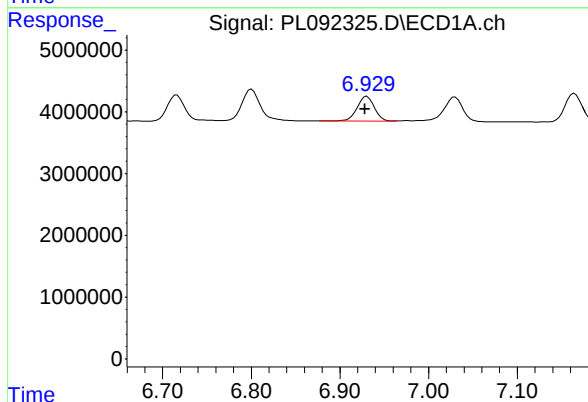
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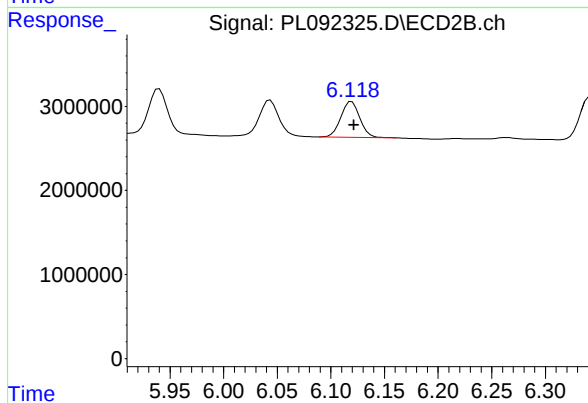
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 5438802
Conc: 2.35 ng/ml



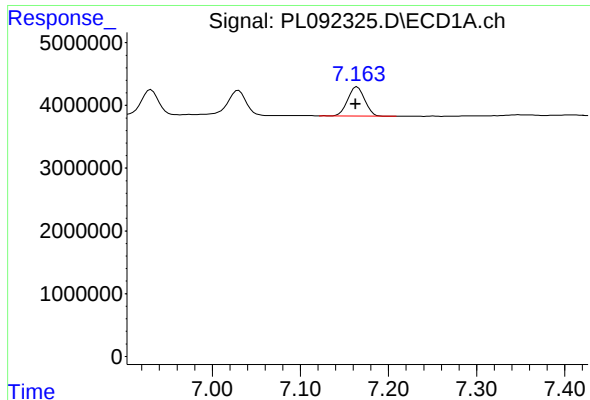
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 5497307
Conc: 3.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 5213779
Conc: 2.55 ng/ml



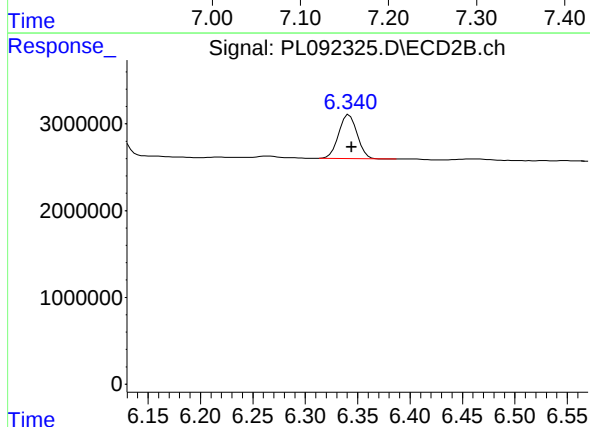
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 6207329
Conc: 3.13 ng/ml

Instrument :
ECD_L
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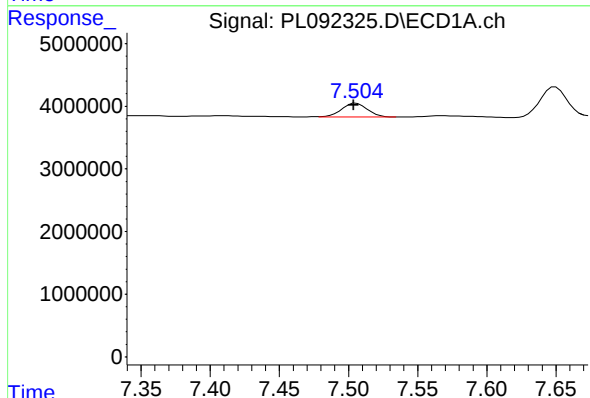
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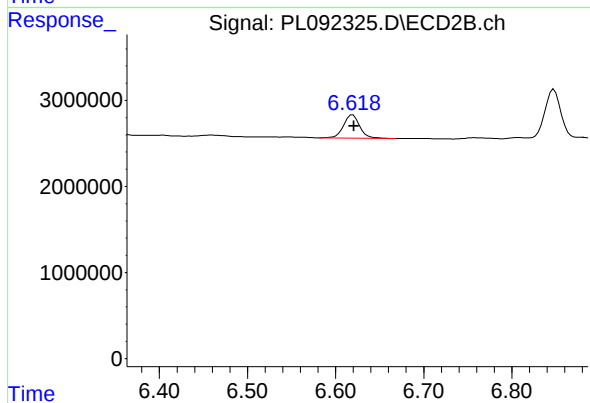
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 6241434
Conc: 2.59 ng/ml



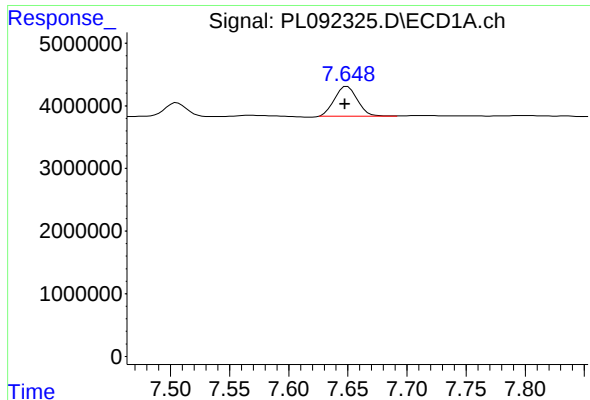
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 2870763
Conc: 2.92 ng/ml m



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 3449291
Conc: 2.76 ng/ml



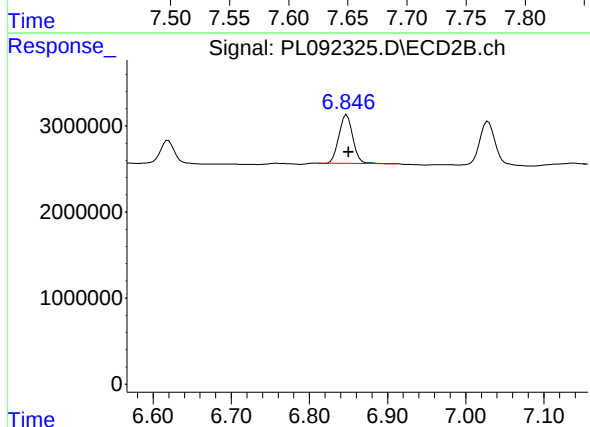
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 6403588
Conc: 2.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

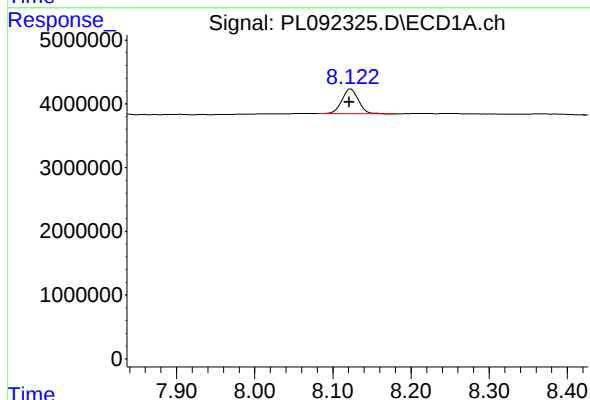
Manual Integrations
APPROVED

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



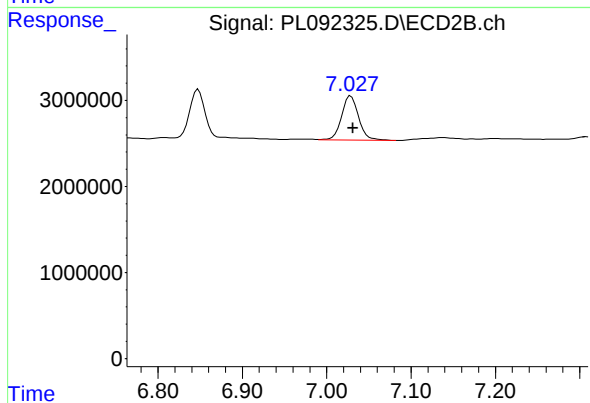
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 7009335
Conc: 2.53 ng/ml



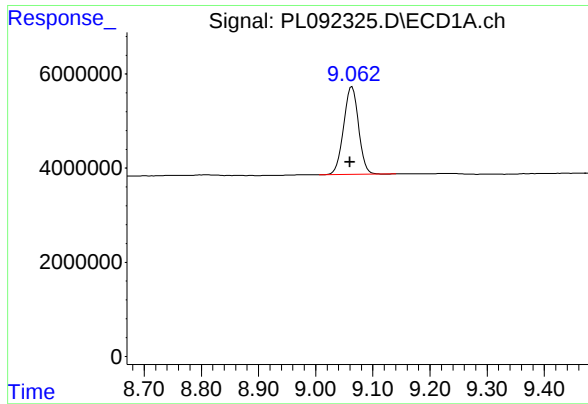
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 5541412
Conc: 3.08 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 7149811
Conc: 2.94 ng/ml



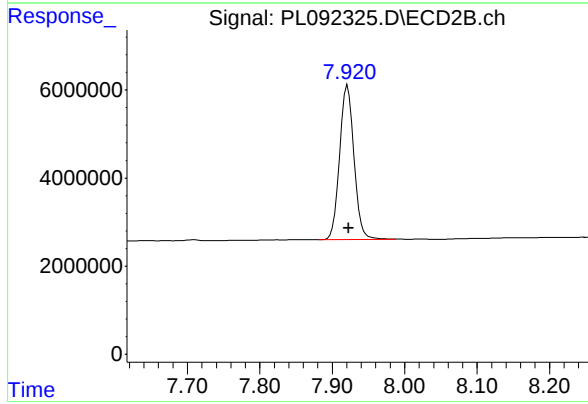
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 33885897
Conc: 20.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 48204233
Conc: 19.27 ng/ml