

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 13:13
 Operator : AR\AJ
 Sample : N1645-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 14:09:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.644	5.491	6135597	32448245	19.157	19.770
28)	SA Decachlor...	10.418	11.329	9908887	34700326	19.487	19.405
Target Compounds							
2)	A alpha-BHC	5.352	6.053	410293	2040368	0.995	0.907
3)	MA gamma-BHC...	5.775	6.442	544851	2198481	1.306	1.030
4)	MA Heptachlor	6.187	7.101	530530	2630769	1.176	1.123
5)	MB Aldrin	6.513	7.468	494855	2418907	1.198	1.155
6)	B beta-BHC	6.154	6.678	220959	1999627	1.073m	1.918 #
7)	B delta-BHC	6.417	6.946	477660	3923684	1.189	1.822 #
8)	B Heptachlo...	7.089	7.925	559108	2342481	1.297	1.173
9)	A Endosulfan I	7.493	8.325	509730	2178950	1.243	1.194
10)	B gamma-Chl...	7.367	8.191	602759	3043620	1.378	1.490m
11)	B alpha-Chl...	7.437	8.274	562340	2445292	1.272	1.223m
12)	B 4,4'-DDE	7.651	8.460	389300	1888921	1.085	1.054
13)	MA Dieldrin	7.779	8.610	509386	2215455	1.223	1.201
14)	MA Endrin	8.070	8.844	543542	1817684	1.401	1.181
15)	B Endosulfa...	8.380	9.068	572380	1730315	1.464	1.127
16)	A 4,4'-DDD	8.234	8.985	355767	1989960	1.096m	1.363m
17)	MA 4,4'-DDT	8.498	9.305	415002	1908767	1.097	1.168
18)	B Endrin al...	8.569	9.199	471572	1699544	1.491	1.386m
19)	B Endosulfa...	8.800	9.438	586946	1953761	1.389	1.240
20)	A Methoxychlor	9.093	9.785	331484	1062212	1.292	1.179
21)	B Endrin ke...	9.319	9.925	566384	1731228	1.158	1.049m
22)	Mirex	9.507	10.403	673970	1729620	1.429m	1.273

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 13:13
 Operator : AR\AJ
 Sample : N1645-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

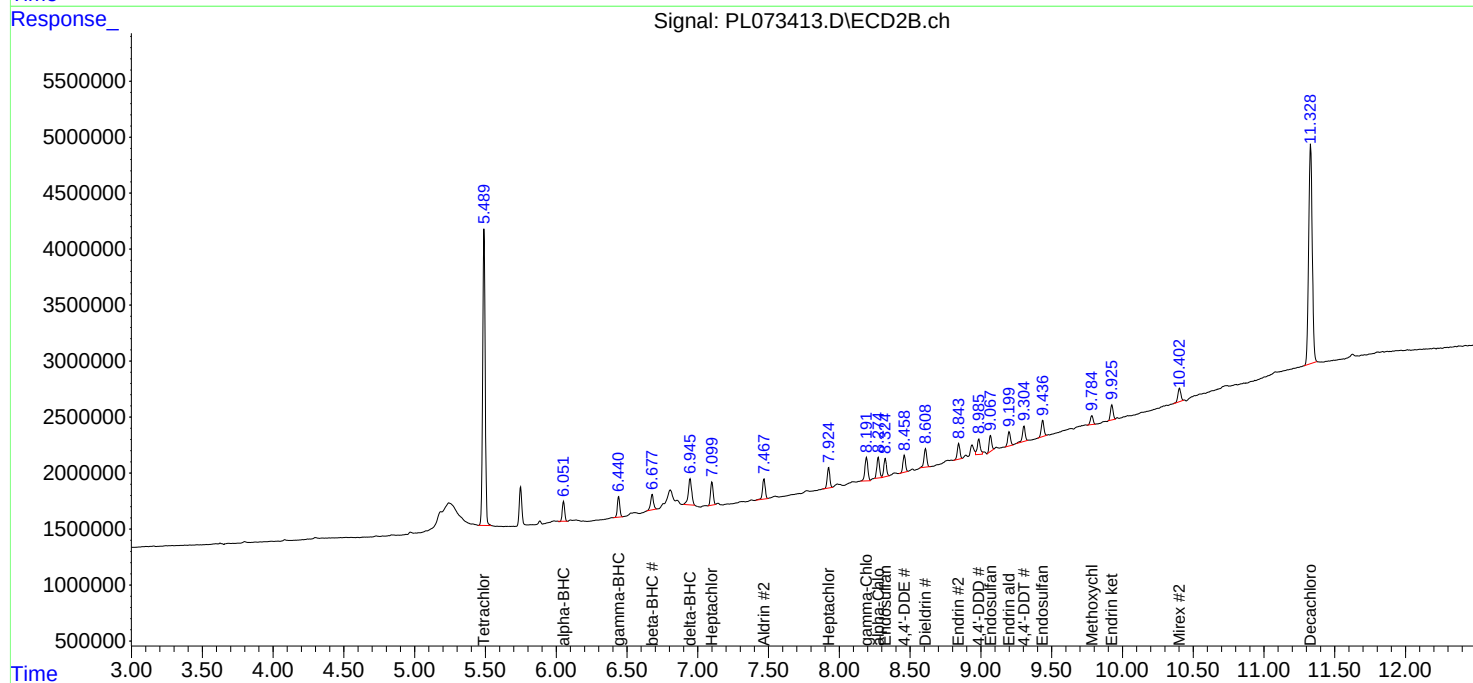
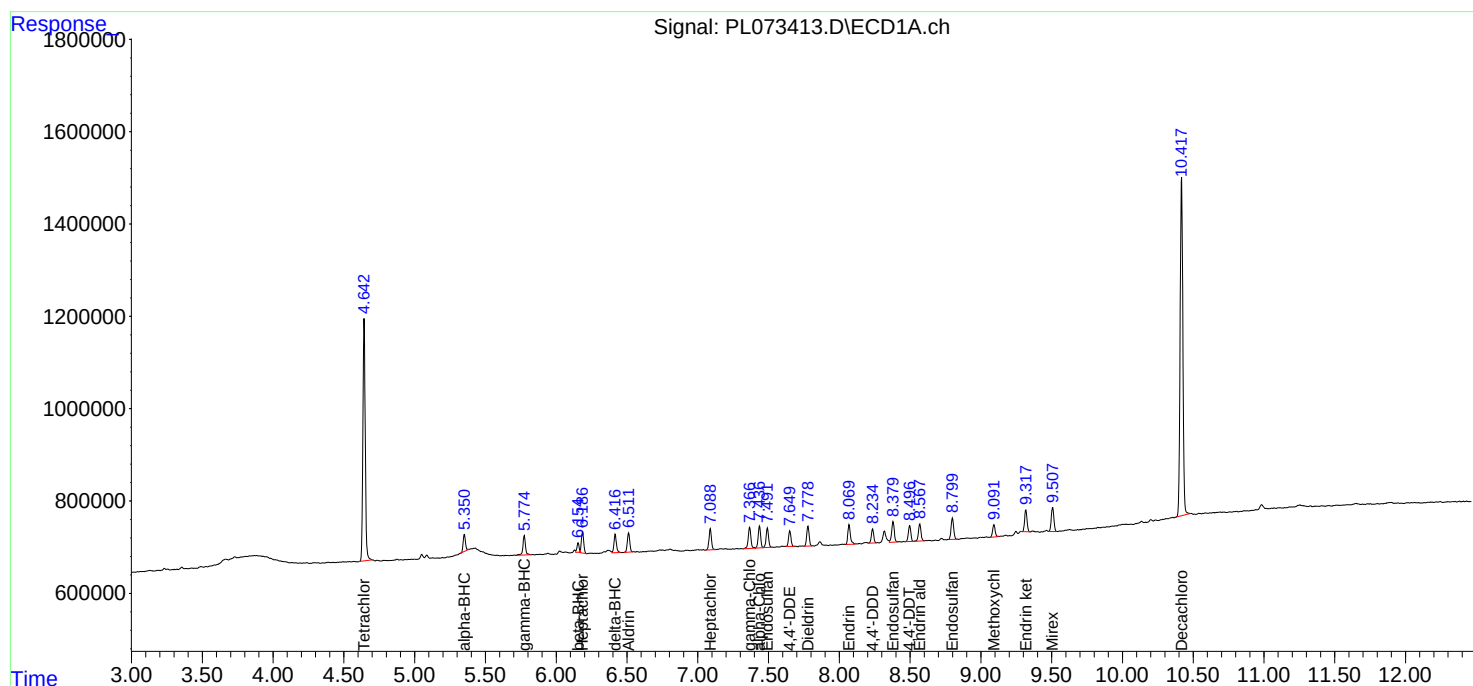
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

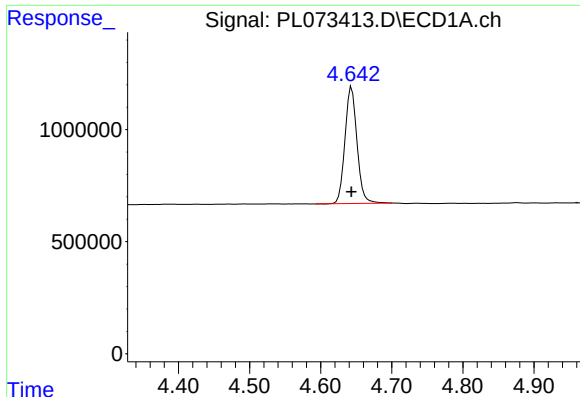
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 14:09:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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





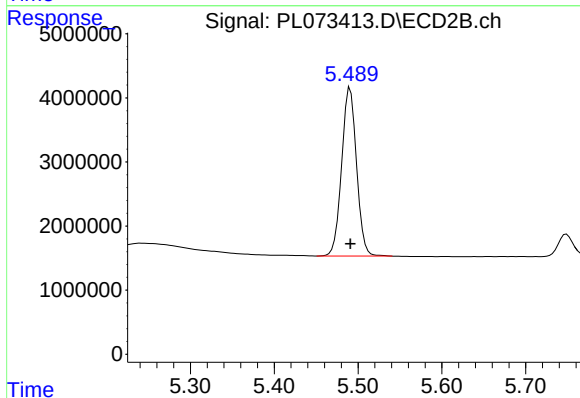
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 6135597
Conc: 19.16 ng/ml

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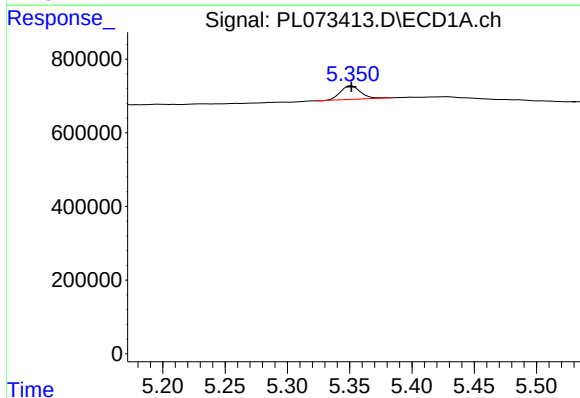
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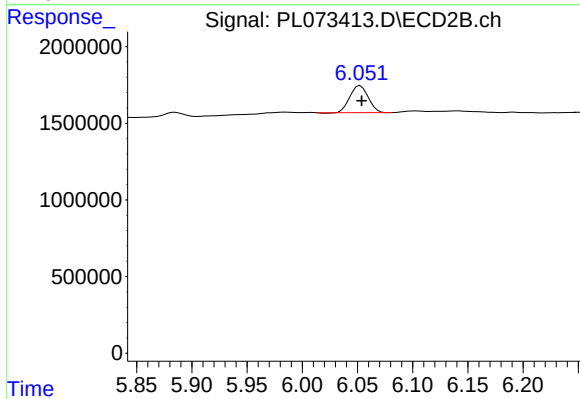
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 32448245
Conc: 19.77 ng/ml



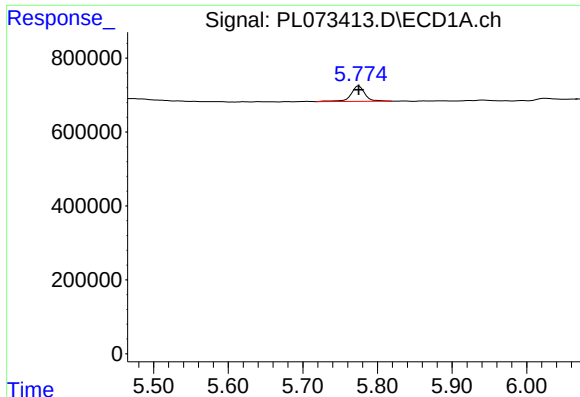
#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 410293
Conc: 1.00 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 2040368
Conc: 0.91 ng/ml



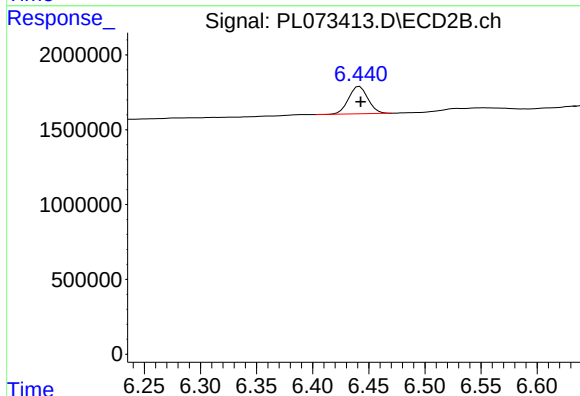
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 544851
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

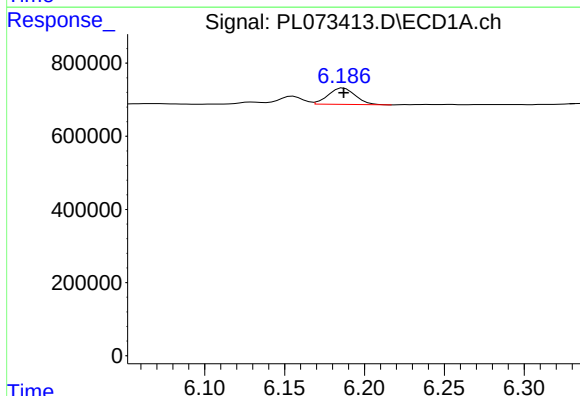
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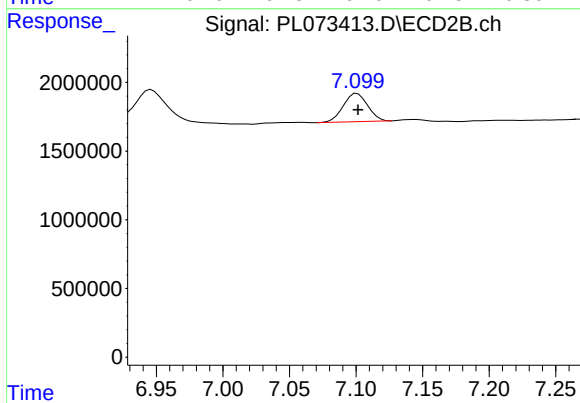
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2198481
Conc: 1.03 ng/ml



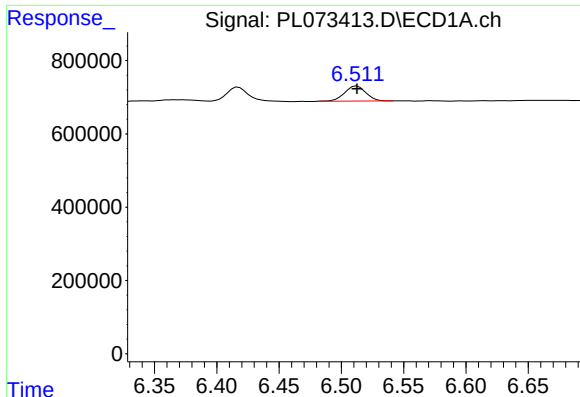
#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 530530
Conc: 1.18 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 2630769
Conc: 1.12 ng/ml



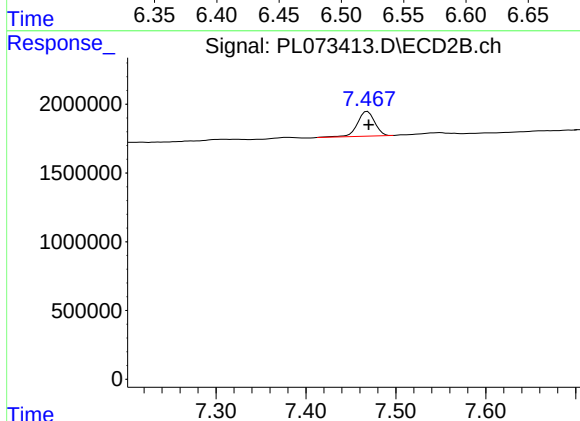
#5 Aldrin

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 494855
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

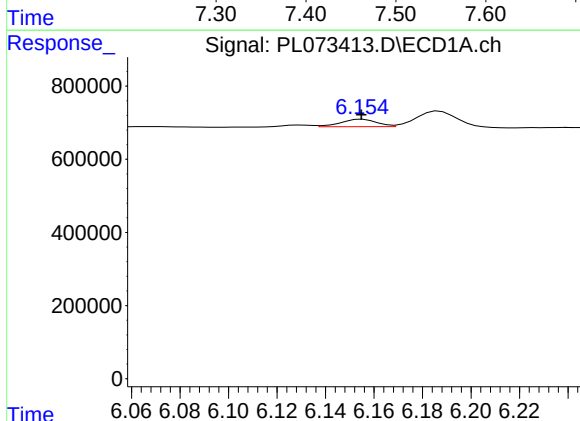
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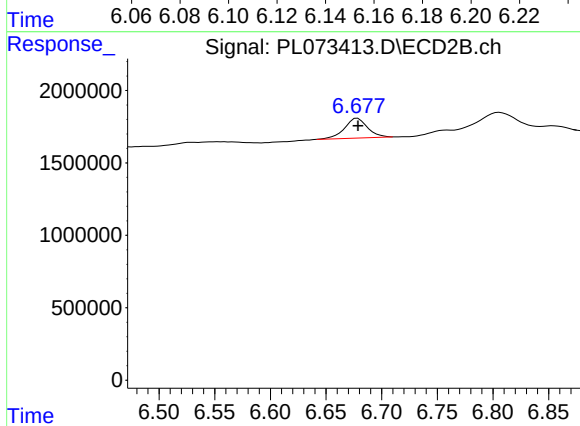
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 2418907
Conc: 1.15 ng/ml



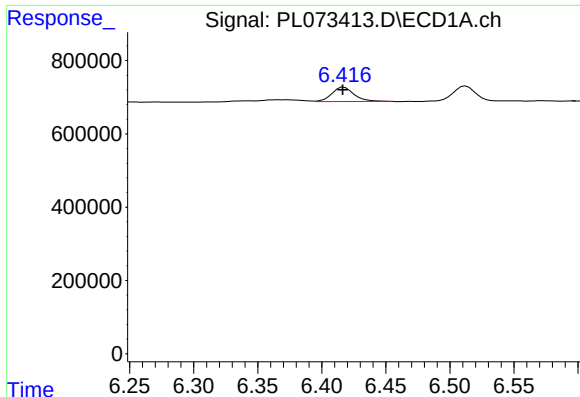
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 220959
Conc: 1.07 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 1999627
Conc: 1.92 ng/ml



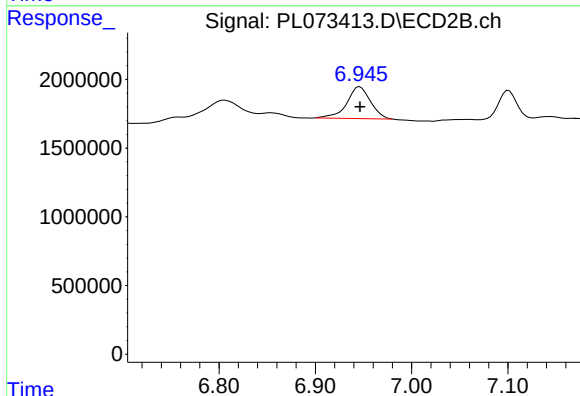
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 477660
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

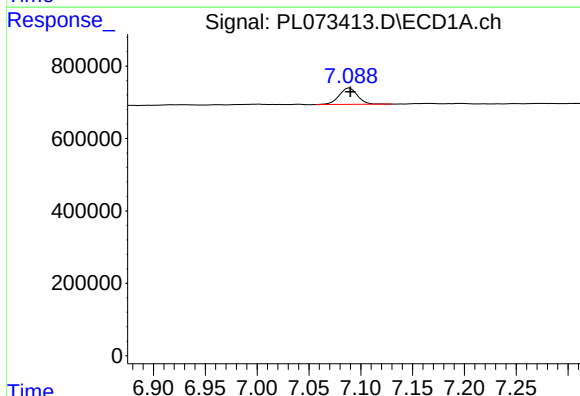
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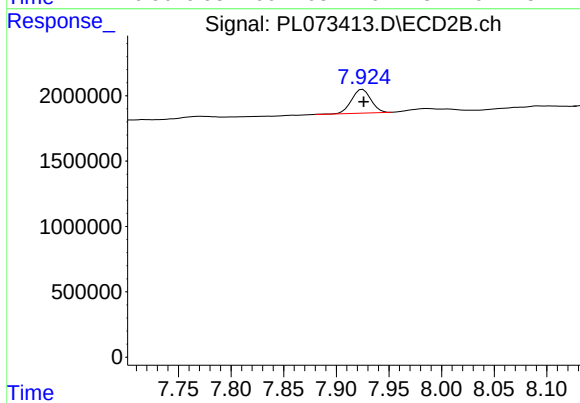
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 3923684
Conc: 1.82 ng/ml



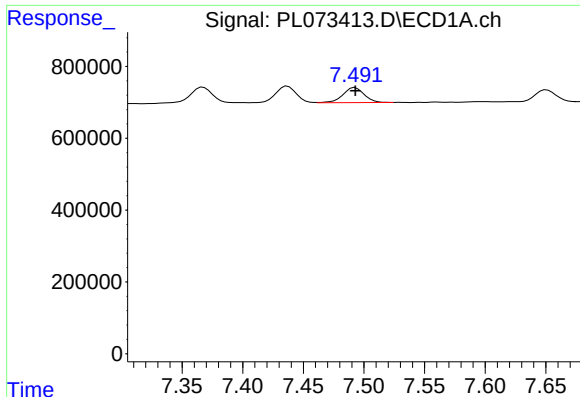
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 559108
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 2342481
Conc: 1.17 ng/ml



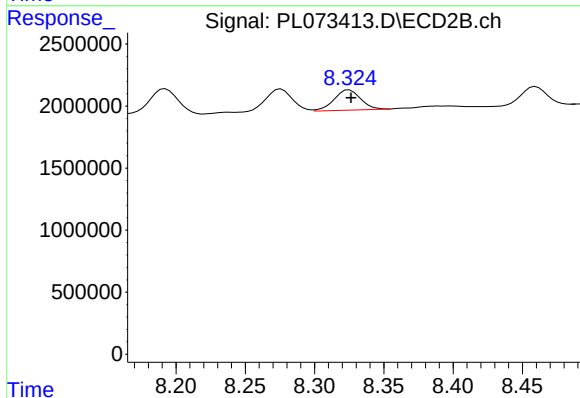
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 509730
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

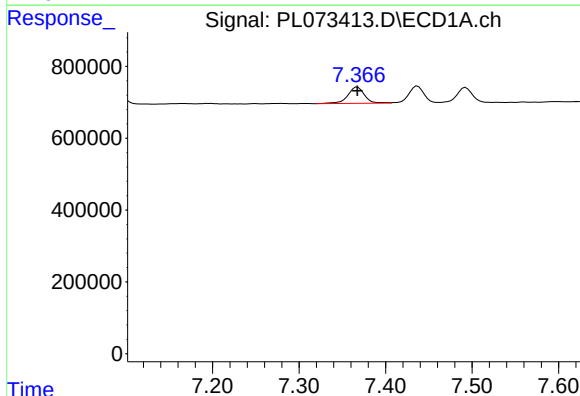
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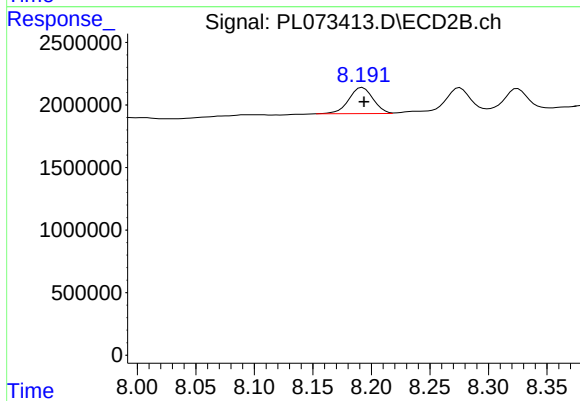
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 2178950
Conc: 1.19 ng/ml



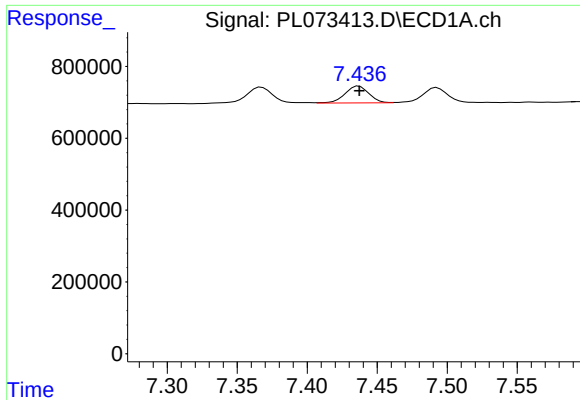
#10 gamma-Chlordane

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 602759
Conc: 1.38 ng/ml



#10 gamma-Chlordane

R.T.: 8.191 min
Delta R.T.: -0.003 min
Response: 3043620
Conc: 1.49 ng/ml m



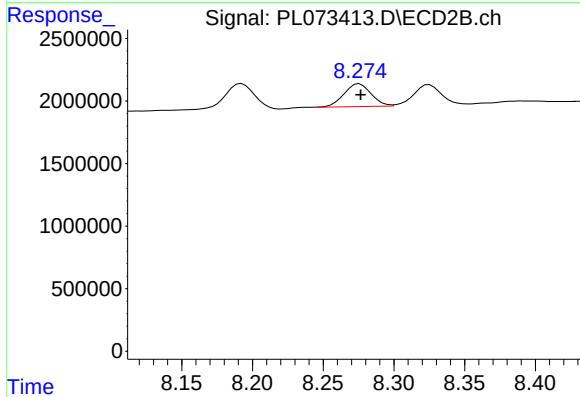
#11 alpha-Chlordane

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 562340
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

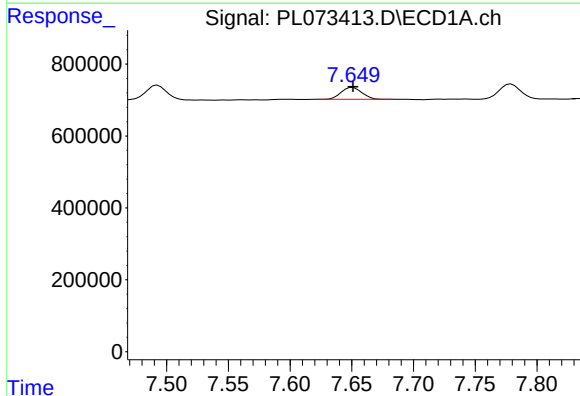
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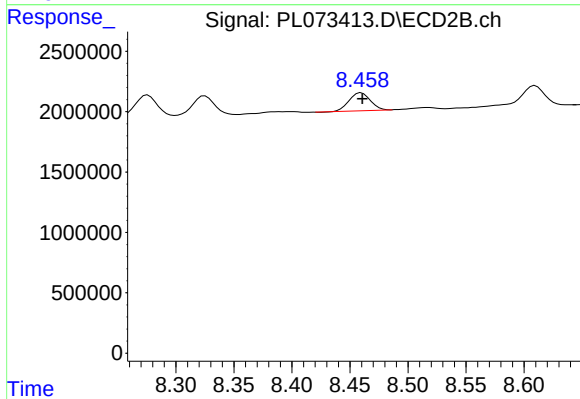
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.002 min
Response: 2445292
Conc: 1.22 ng/ml m



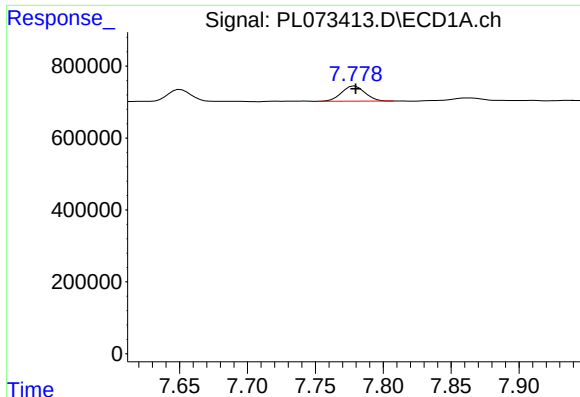
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 389300
Conc: 1.08 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.001 min
Response: 1888921
Conc: 1.05 ng/ml



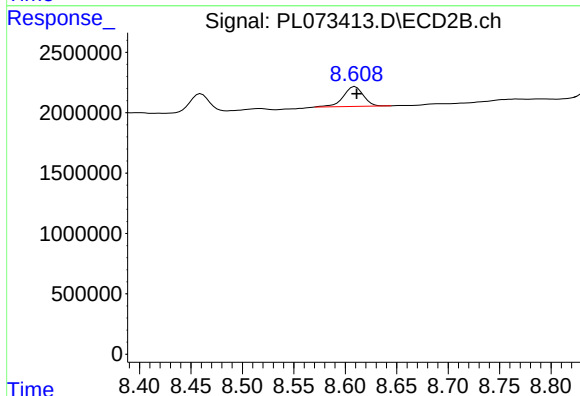
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 509386
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

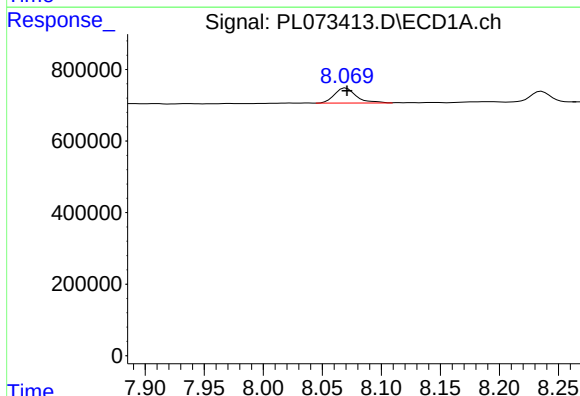
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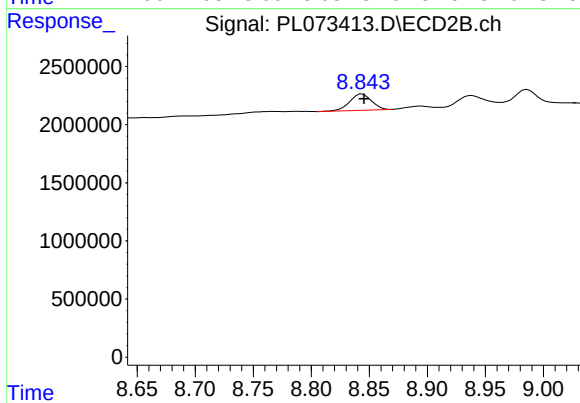
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 2215455
Conc: 1.20 ng/ml



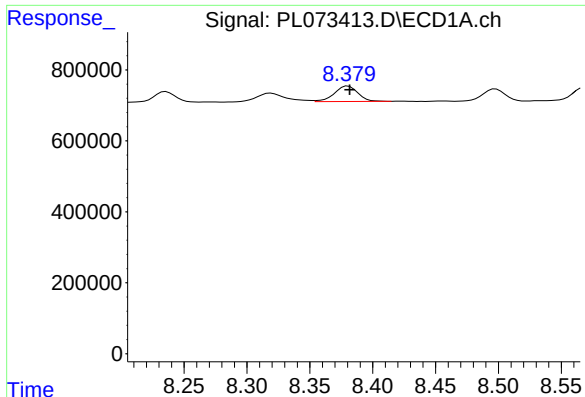
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 543542
Conc: 1.40 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 1817684
Conc: 1.18 ng/ml



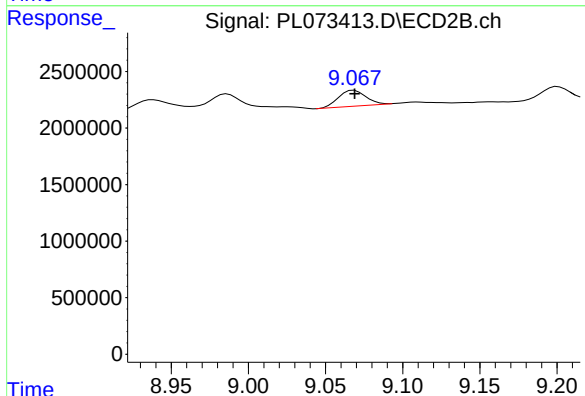
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.001 min
Response: 572380
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

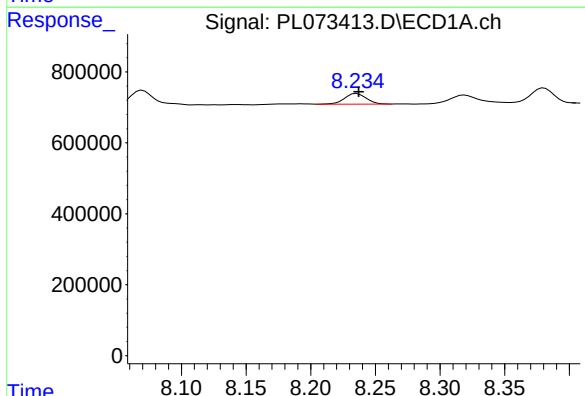
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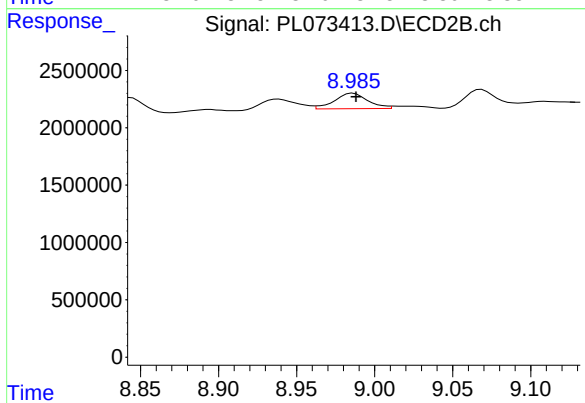
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 1730315
Conc: 1.13 ng/ml



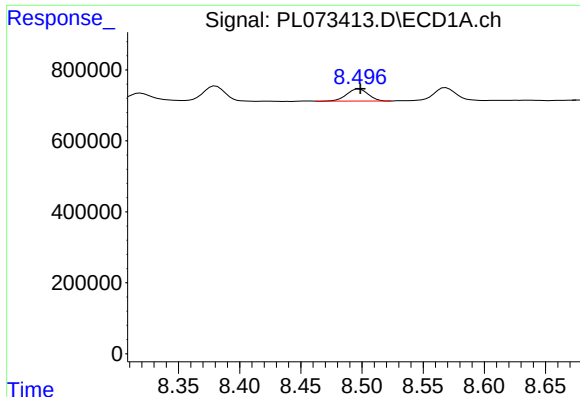
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 355767
Conc: 1.10 ng/ml m



#16 4,4'-DDD

R.T.: 8.985 min
Delta R.T.: -0.003 min
Response: 1989960
Conc: 1.36 ng/ml m



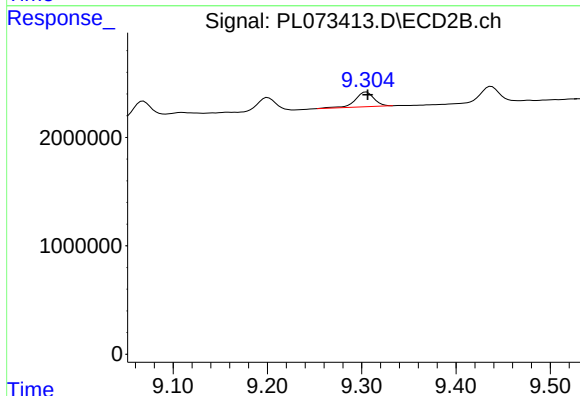
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 415002
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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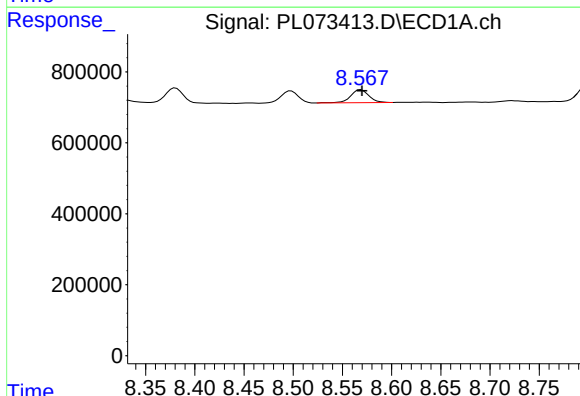
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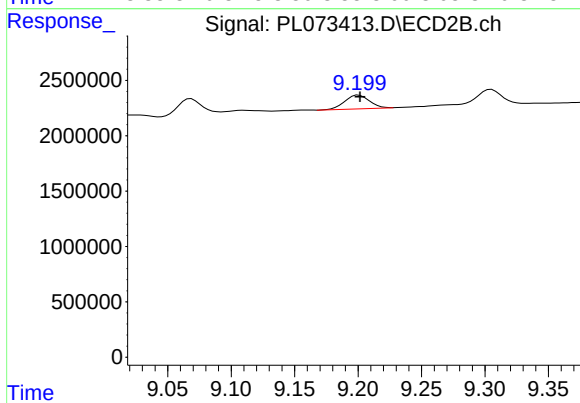
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.002 min
Response: 1908767
Conc: 1.17 ng/ml



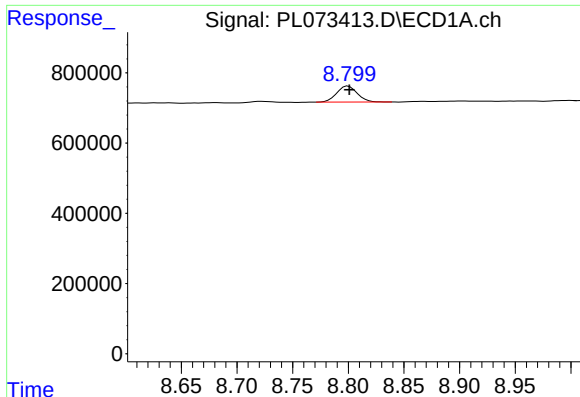
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: -0.001 min
Response: 471572
Conc: 1.49 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: -0.003 min
Response: 1699544
Conc: 1.39 ng/ml m



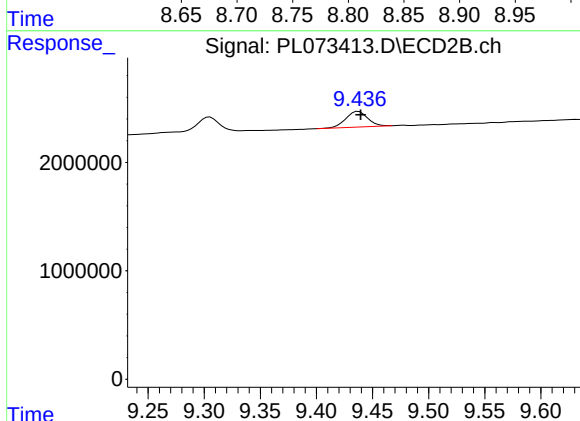
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 586946
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

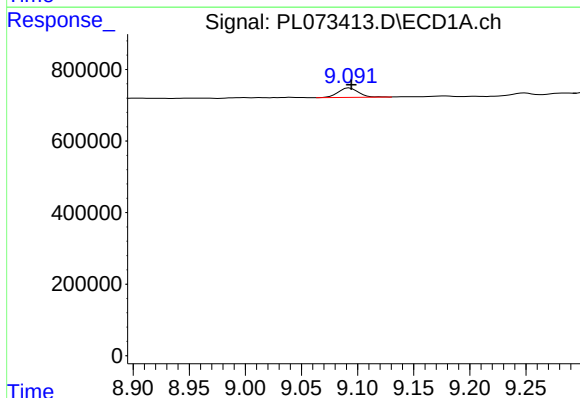
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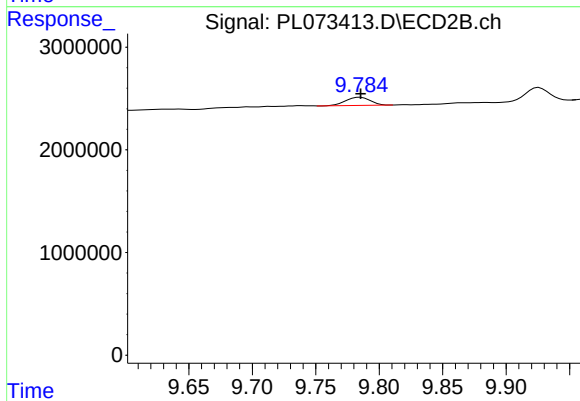
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.002 min
Response: 1953761
Conc: 1.24 ng/ml



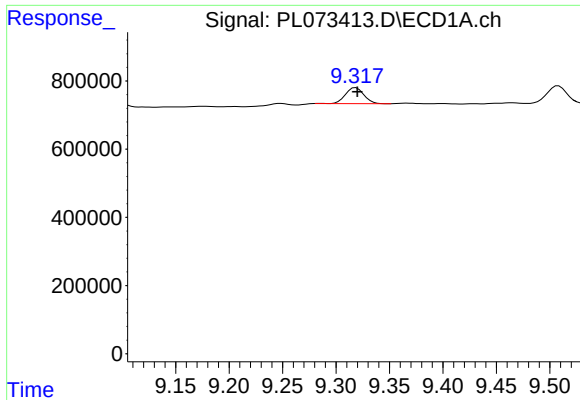
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 331484
Conc: 1.29 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 1062212
Conc: 1.18 ng/ml



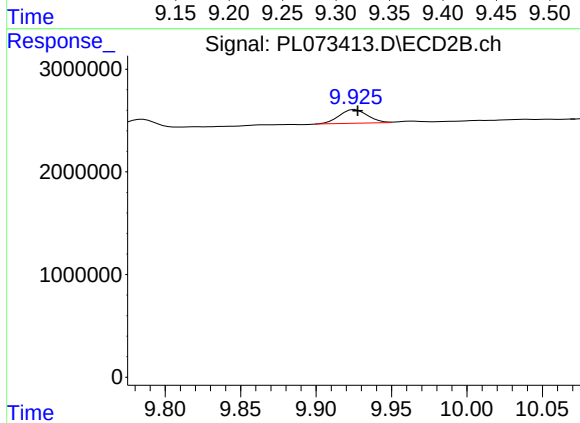
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: -0.002 min
Response: 566384
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

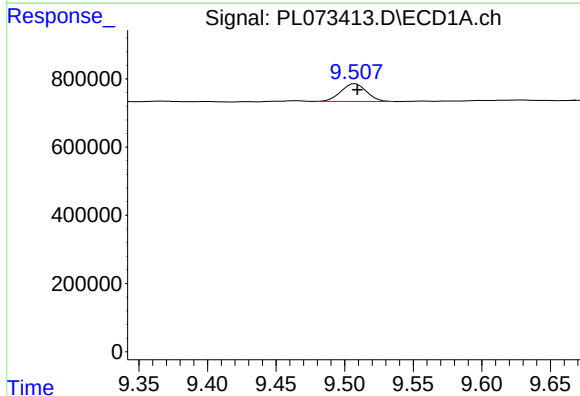
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



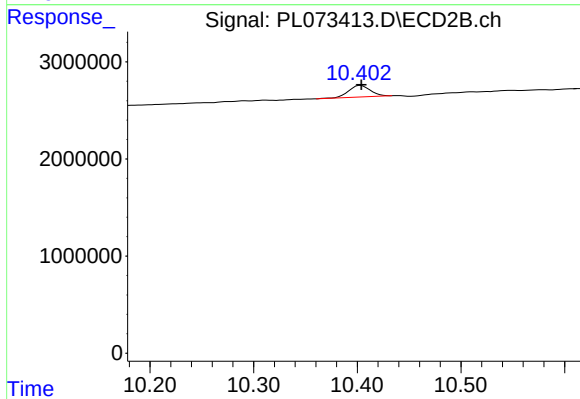
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: -0.003 min
Response: 1731228
Conc: 1.05 ng/ml m



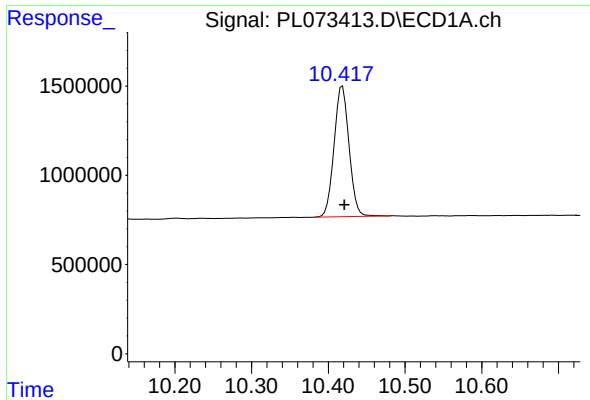
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 673970
Conc: 1.43 ng/ml m



#22 Mirex

R.T.: 10.403 min
Delta R.T.: 0.000 min
Response: 1729620
Conc: 1.27 ng/ml



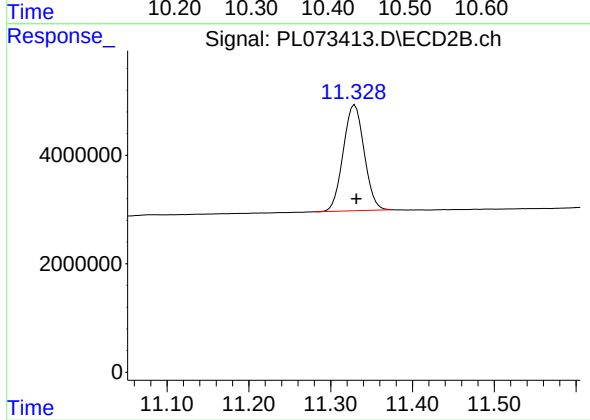
#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 9908887
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

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#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.002 min
Response: 34700326
Conc: 19.41 ng/ml