

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 15:10
 Operator : AR\AJ
 Sample : N1645-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-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 17 06:25:35 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...	4.654	5.487	6389497	35070760	19.949	21.368
28)	SA Decachlor...	10.426	11.331	10494307	37496123	20.638	20.969
Target Compounds							
2)	A alpha-BHC	5.361	6.049	1937668	10116685	4.701	4.497
3)	MA gamma-BHC...	5.784	6.440	1996909	10696338	4.787	5.010
4)	MA Heptachlor	6.196	7.099	2352487	12028995	5.214	5.134
5)	MB Aldrin	6.521	7.467	2064650	10664363	4.997	5.090
6)	B beta-BHC	6.165	6.676	1171985	5645648	5.692	5.416
7)	B delta-BHC	6.426	6.944	1917469	10547453	4.774	4.898
8)	B Heptachlo...	7.098	7.924	2283871	10414697	5.299	5.214
9)	A Endosulfan I	7.501	8.324	2147418	9835055	5.235	5.388
10)	B gamma-Chl...	7.375	8.192	2427253	11223321	5.551	5.495
11)	B alpha-Chl...	7.445	8.275	2371776	10965839	5.367	5.483
12)	B 4,4'-DDE	7.659	8.459	1730837	9010872	4.823	5.027
13)	MA Dieldrin	7.787	8.610	2221984	9574495	5.333	5.190
14)	MA Endrin	8.078	8.844	2149132	11094356	5.539	7.207m#
15)	B Endosulfa...	8.389	9.069	2255254	8505369	5.770	5.538
16)	A 4,4'-DDD	8.244	8.987	2844287	7235659	8.759	4.957 #
17)	MA 4,4'-DDT	8.505	9.306	1854412	8225743	4.903	5.032
18)	B Endrin al...	8.577	9.200	1939982	7405717	6.134	6.039m
19)	B Endosulfa...	8.807	9.439	2383123	8505470	5.642	5.397
20)	A Methoxychlor	9.101	9.786	1420373	4959499	5.537	5.504
21)	B Endrin ke...	9.326	9.926	2600792	9714367	5.316	5.885m
22)	Mirex	9.515	10.404	2823745	7750791	5.988	5.706

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

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 Data File : PL073417.D
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 Acq On : 16 Mar 2022 15:10
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 Misc : PEST LOQ 5PPB
 ALS Vial : 13 Sample Multiplier: 1

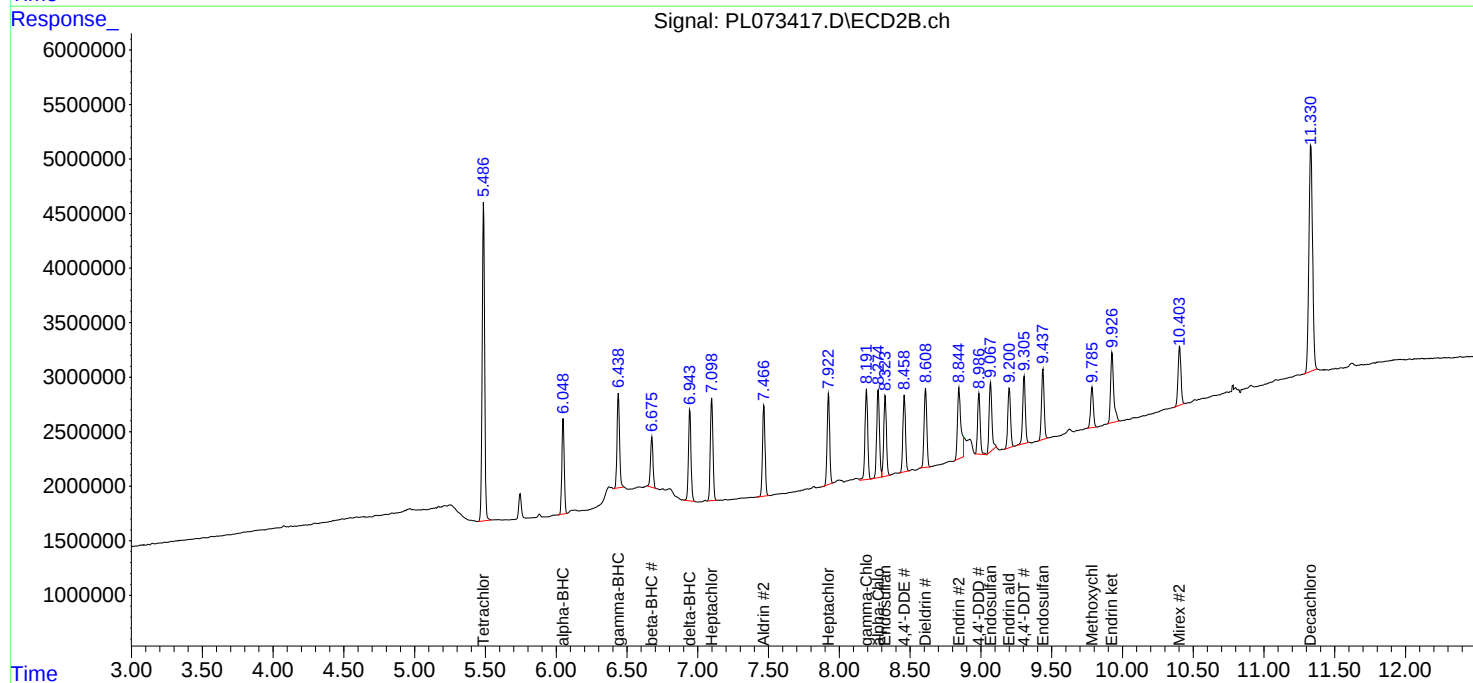
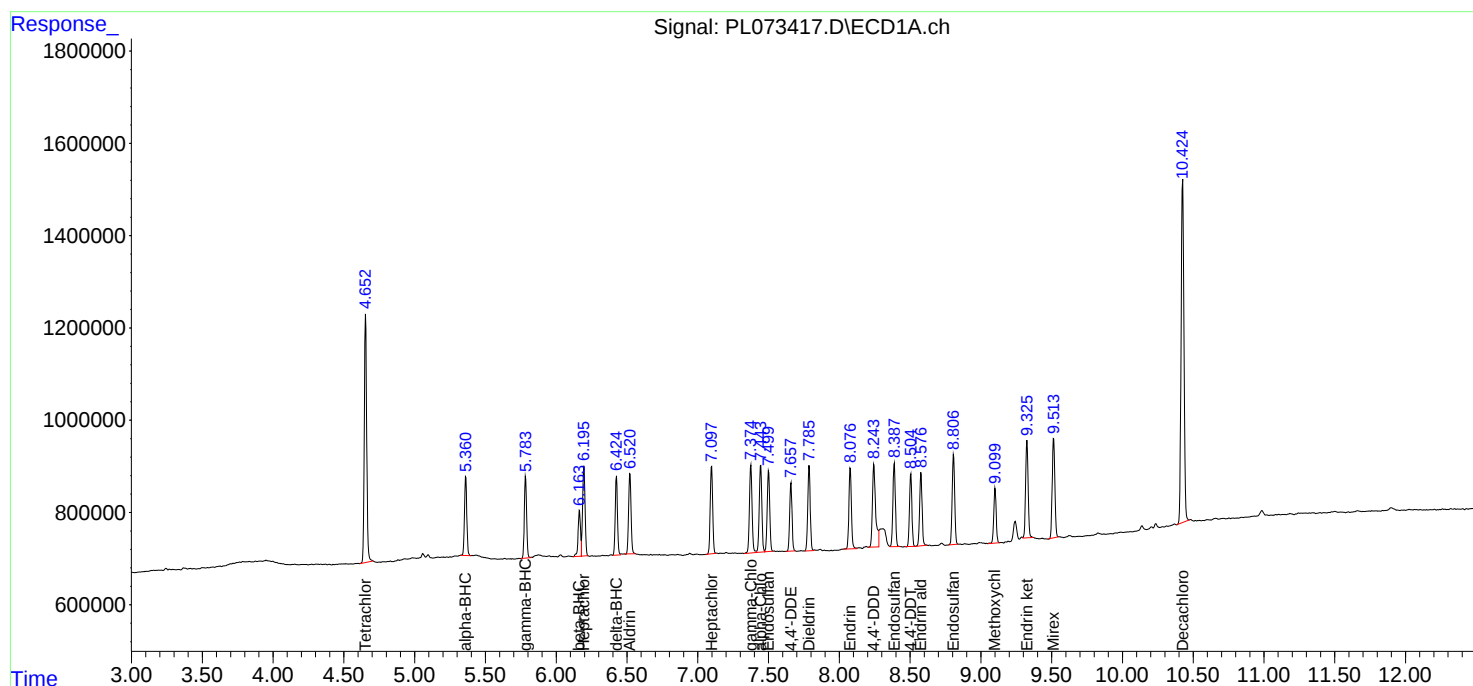
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

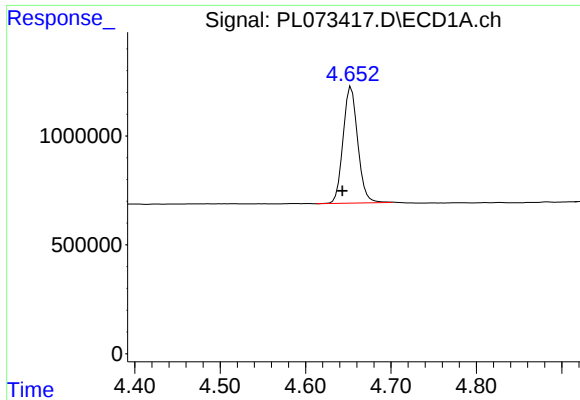
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 03/17/2022

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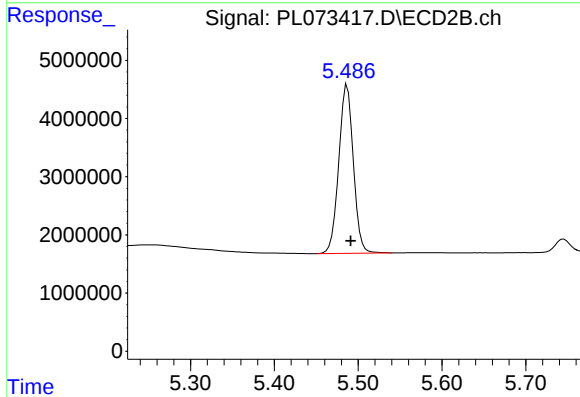
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.011 min
Response: 6389497
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

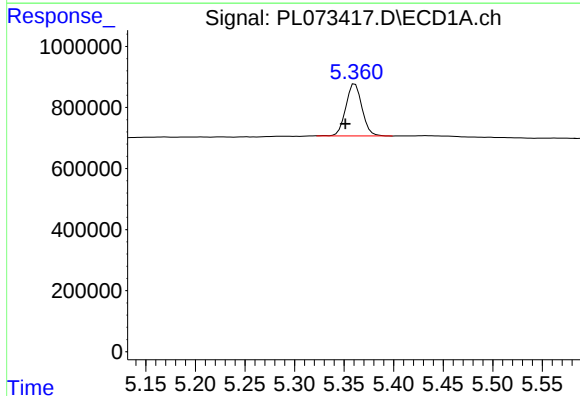
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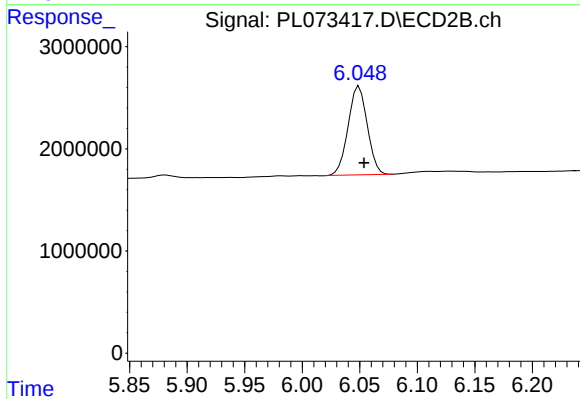
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 35070760
Conc: 21.37 ng/ml



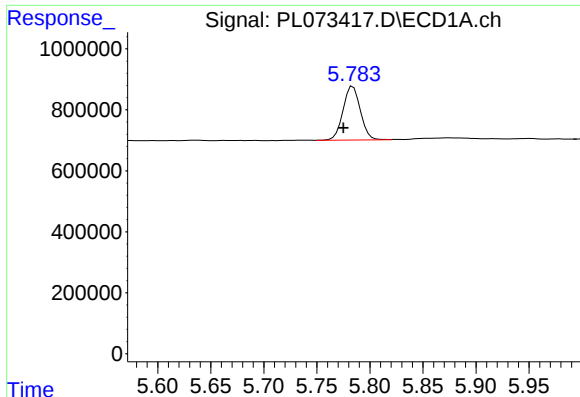
#2 alpha-BHC

R.T.: 5.361 min
Delta R.T.: 0.010 min
Response: 1937668
Conc: 4.70 ng/ml



#2 alpha-BHC

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 10116685
Conc: 4.50 ng/ml



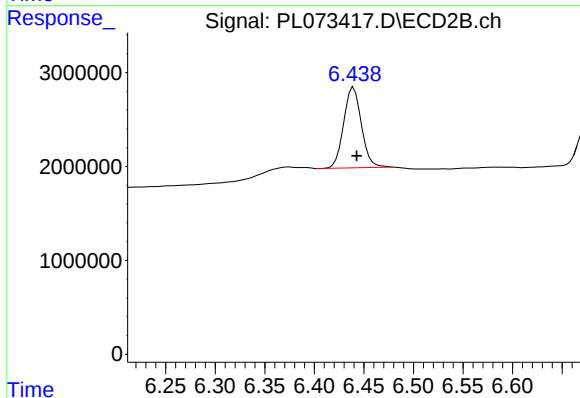
#3 gamma-BHC (Lindane)

R.T.: 5.784 min
Delta R.T.: 0.009 min
Response: 1996909
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

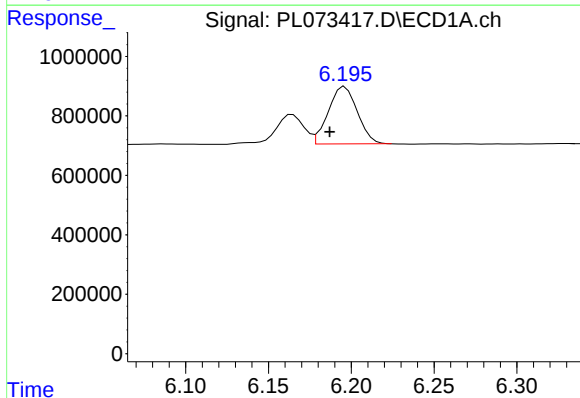
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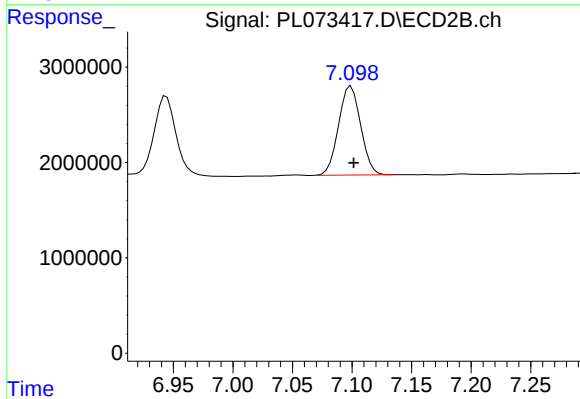
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 10696338
Conc: 5.01 ng/ml



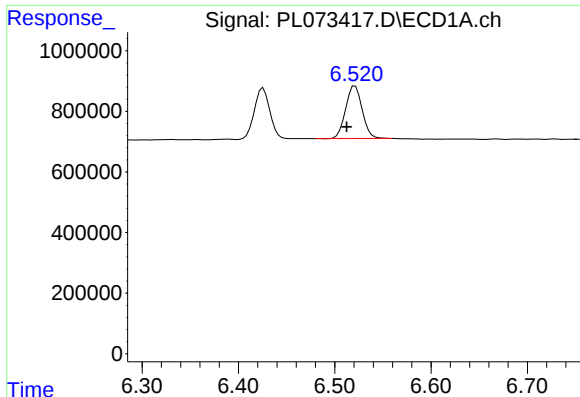
#4 Heptachlor

R.T.: 6.196 min
Delta R.T.: 0.009 min
Response: 2352487
Conc: 5.21 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 12028995
Conc: 5.13 ng/ml



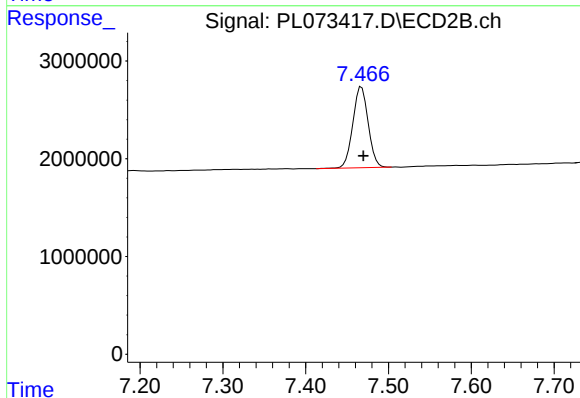
#5 Aldrin

R.T.: 6.521 min
Delta R.T.: 0.009 min
Response: 2064650
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

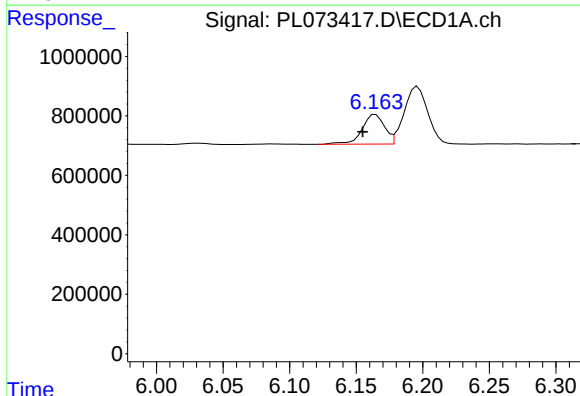
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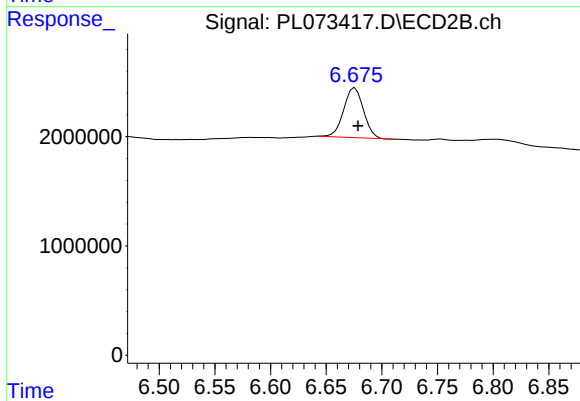
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 10664363
Conc: 5.09 ng/ml



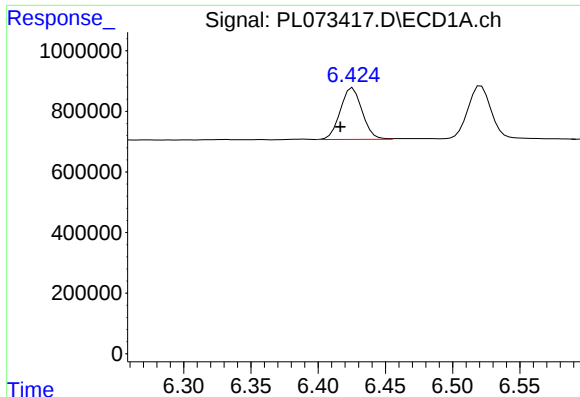
#6 beta-BHC

R.T.: 6.165 min
Delta R.T.: 0.010 min
Response: 1171985
Conc: 5.69 ng/ml



#6 beta-BHC

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 5645648
Conc: 5.42 ng/ml



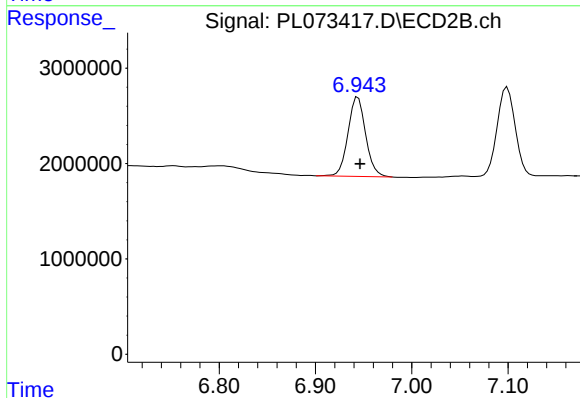
#7 delta-BHC

R.T.: 6.426 min
Delta R.T.: 0.009 min
Response: 1917469
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

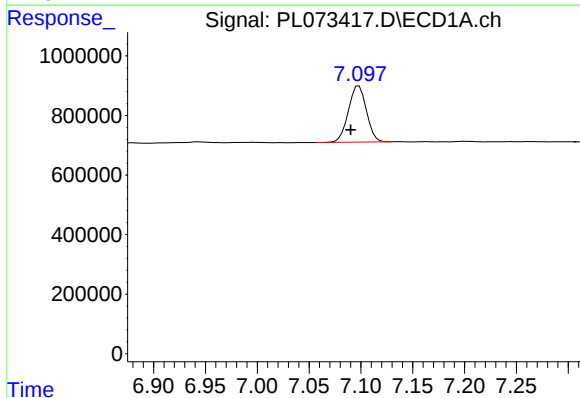
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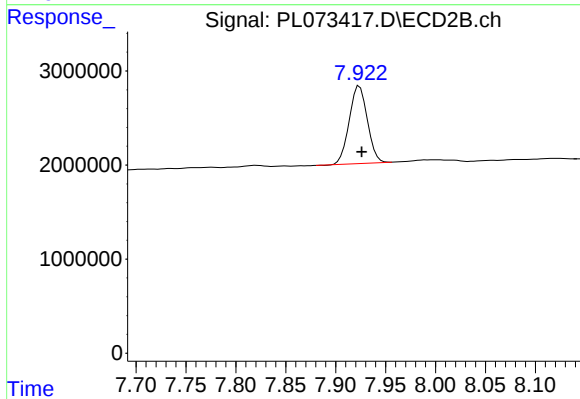
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 10547453
Conc: 4.90 ng/ml



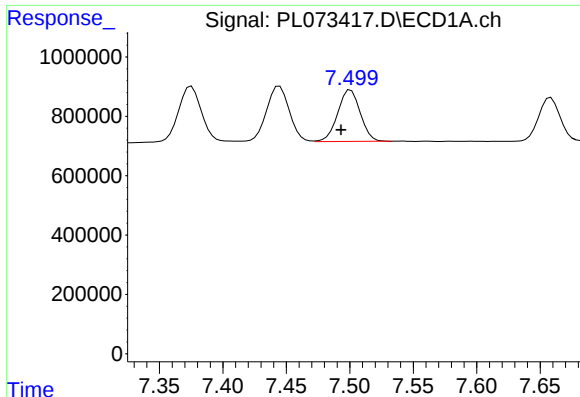
#8 Heptachlor epoxide

R.T.: 7.098 min
Delta R.T.: 0.008 min
Response: 2283871
Conc: 5.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 10414697
Conc: 5.21 ng/ml



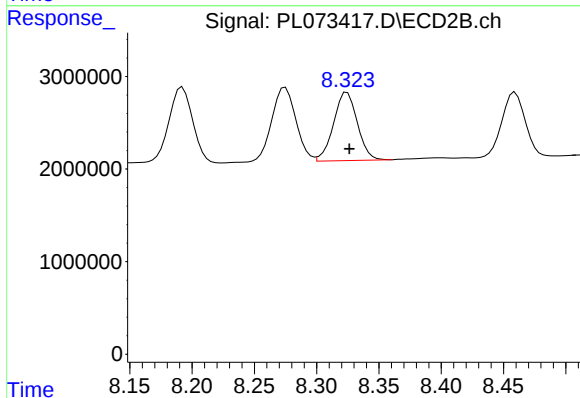
#9 Endosulfan I

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 2147418
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

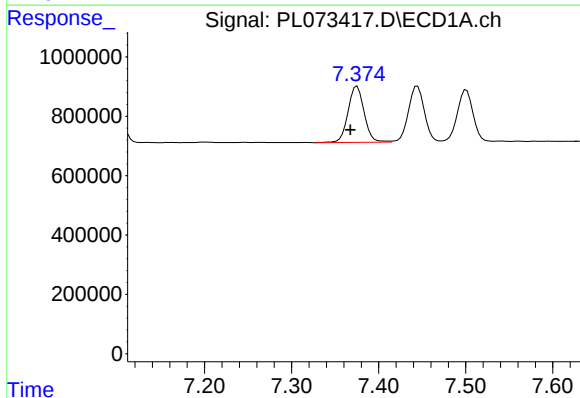
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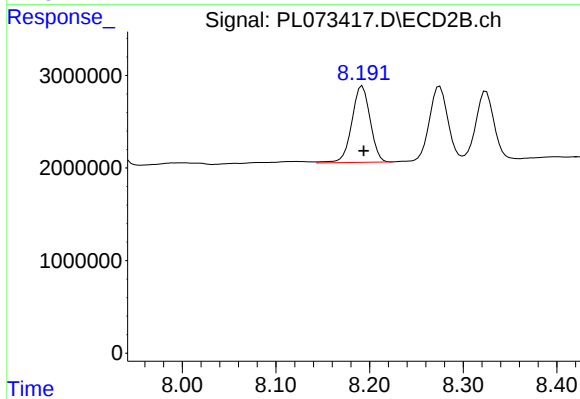
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 9835055
Conc: 5.39 ng/ml



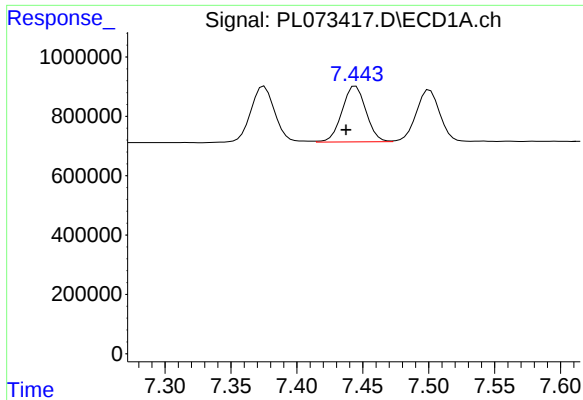
#10 gamma-Chlordane

R.T.: 7.375 min
Delta R.T.: 0.008 min
Response: 2427253
Conc: 5.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.002 min
Response: 11223321
Conc: 5.50 ng/ml



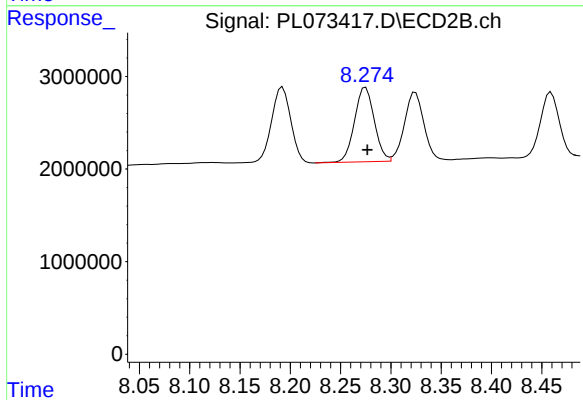
#11 alpha-Chlordane

R.T.: 7.445 min
Delta R.T.: 0.007 min
Response: 2371776
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

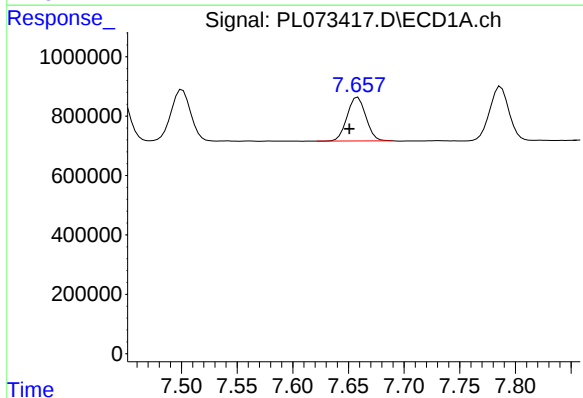
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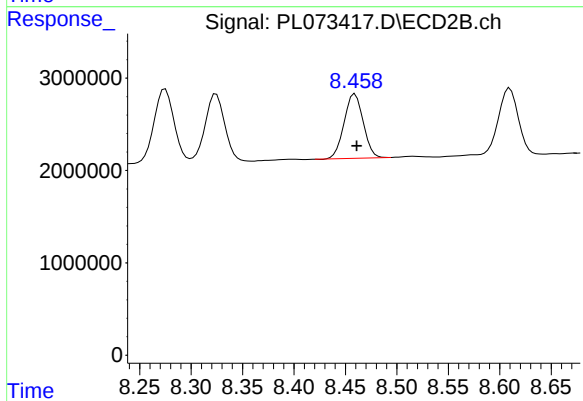
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 10965839
Conc: 5.48 ng/ml



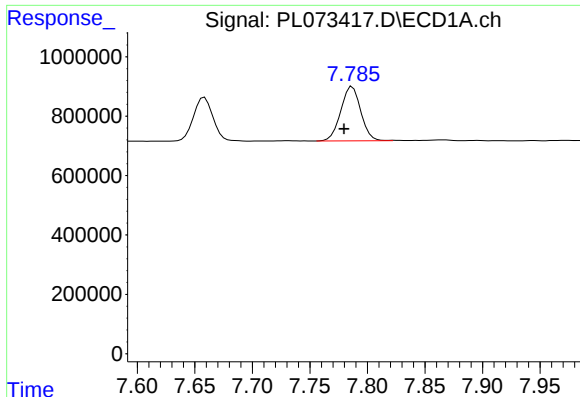
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: 0.008 min
Response: 1730837
Conc: 4.82 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 9010872
Conc: 5.03 ng/ml



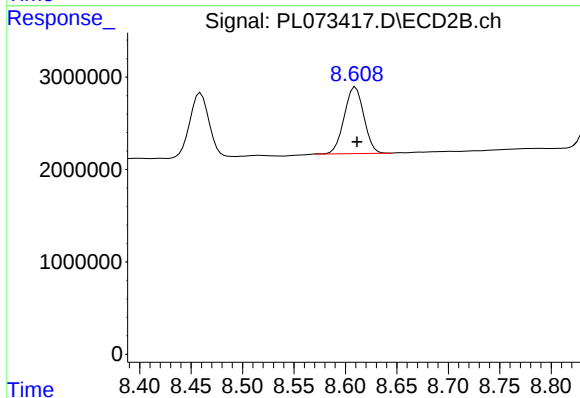
#13 Dieldrin

R.T.: 7.787 min
Delta R.T.: 0.007 min
Response: 2221984
Conc: 5.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

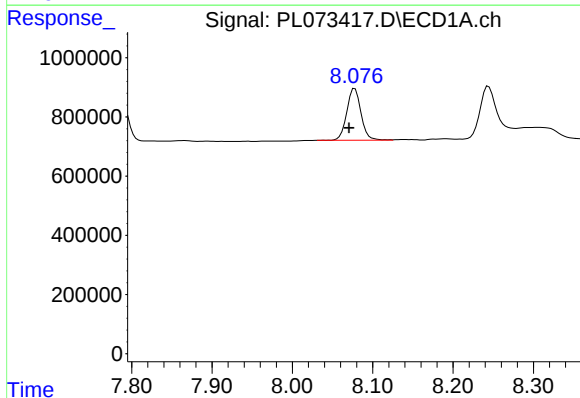
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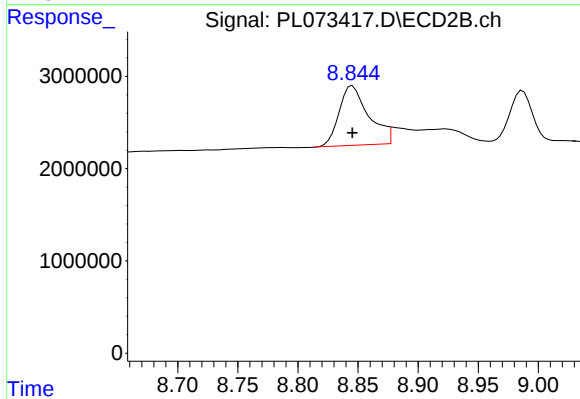
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.001 min
Response: 9574495
Conc: 5.19 ng/ml



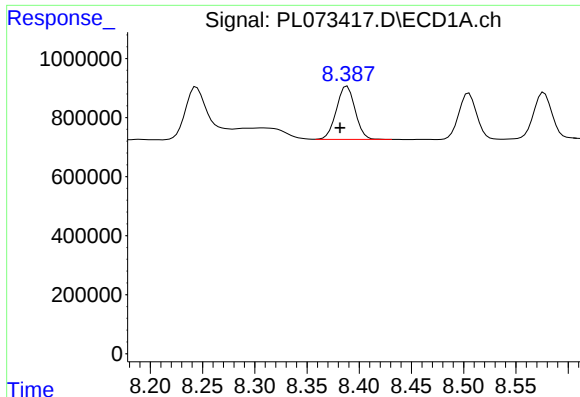
#14 Endrin

R.T.: 8.078 min
Delta R.T.: 0.007 min
Response: 2149132
Conc: 5.54 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 11094356
Conc: 7.21 ng/ml m



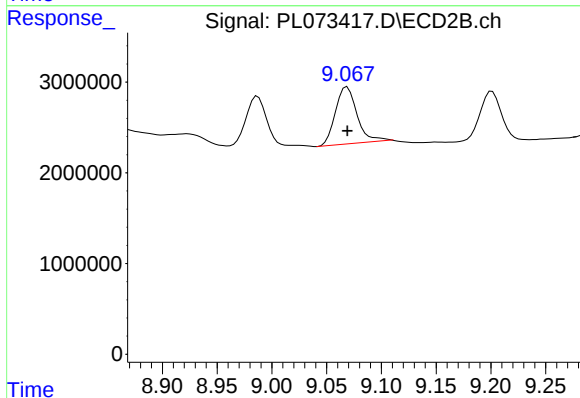
#15 Endosulfan II

R.T.: 8.389 min
Delta R.T.: 0.007 min
Response: 2255254
Conc: 5.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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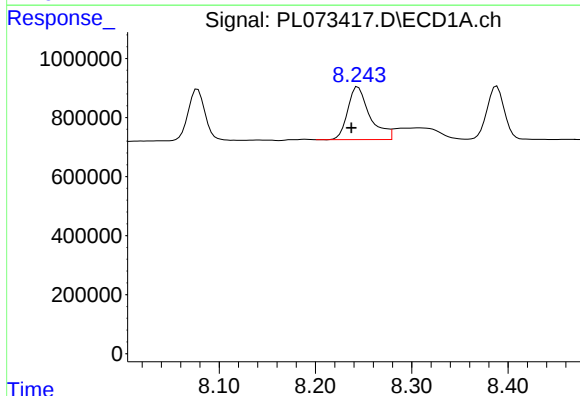
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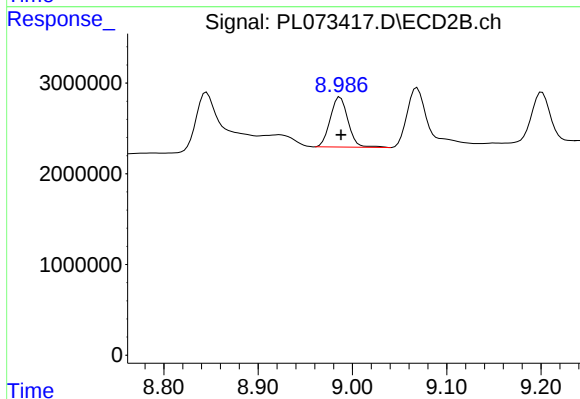
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 8505369
Conc: 5.54 ng/ml



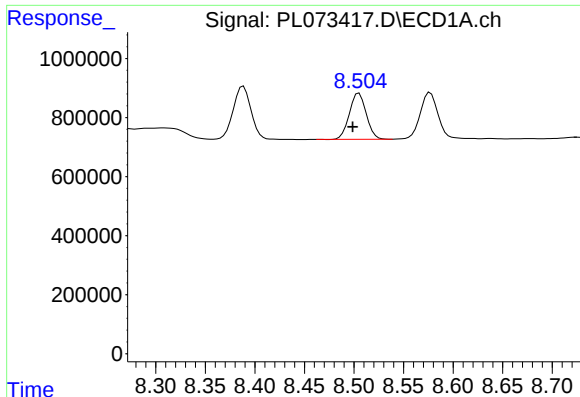
#16 4,4'-DDD

R.T.: 8.244 min
Delta R.T.: 0.007 min
Response: 2844287
Conc: 8.76 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 7235659
Conc: 4.96 ng/ml



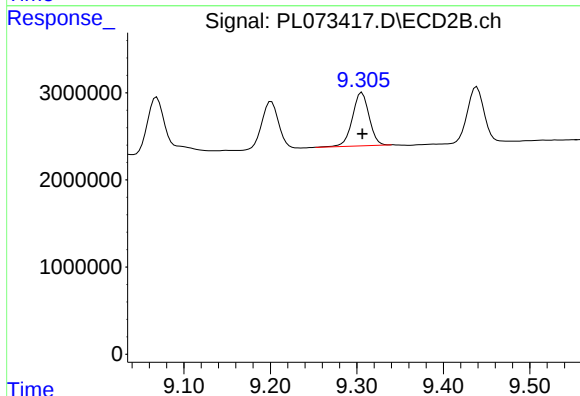
#17 4,4'-DDT

R.T.: 8.505 min
Delta R.T.: 0.006 min
Response: 1854412
Conc: 4.90 ng/ml

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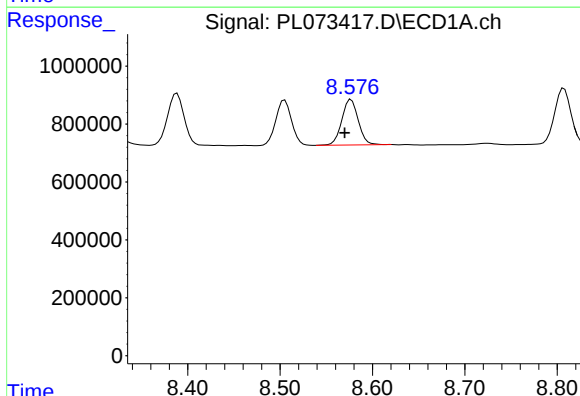
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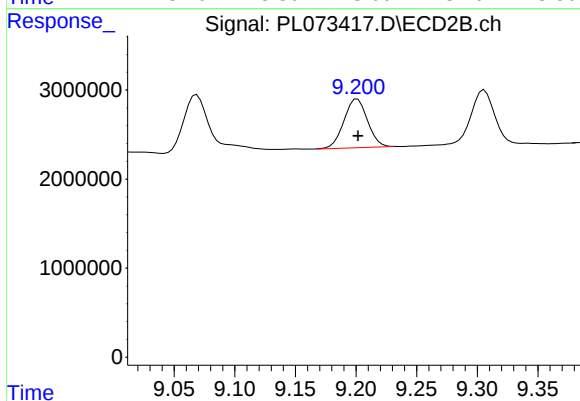
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 8225743
Conc: 5.03 ng/ml



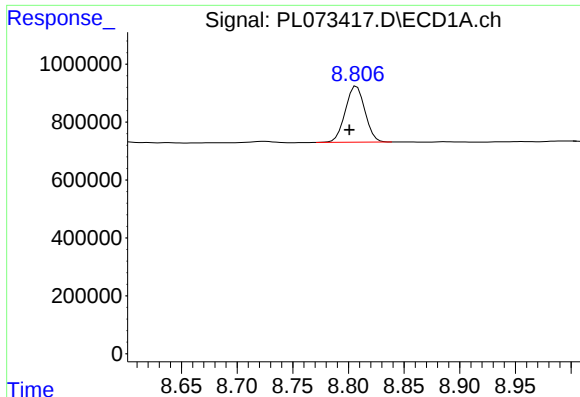
#18 Endrin aldehyde

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 1939982
Conc: 6.13 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 7405717
Conc: 6.04 ng/ml m



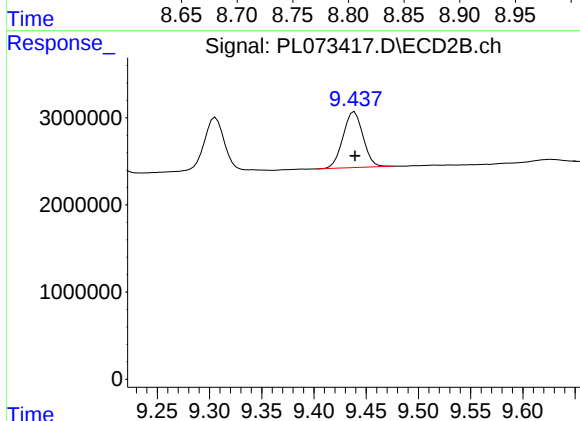
#19 Endosulfan Sulfate

R.T.: 8.807 min
Delta R.T.: 0.006 min
Response: 2383123
Conc: 5.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

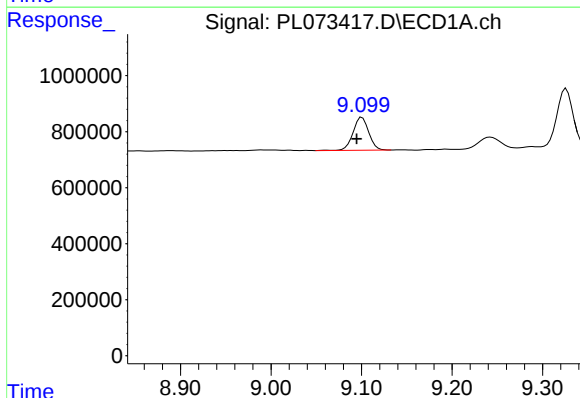
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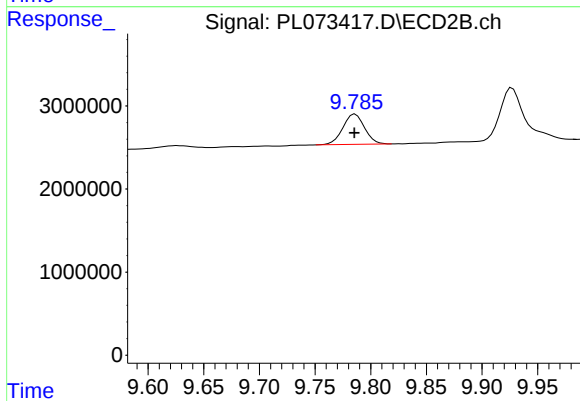
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 8505470
Conc: 5.40 ng/ml



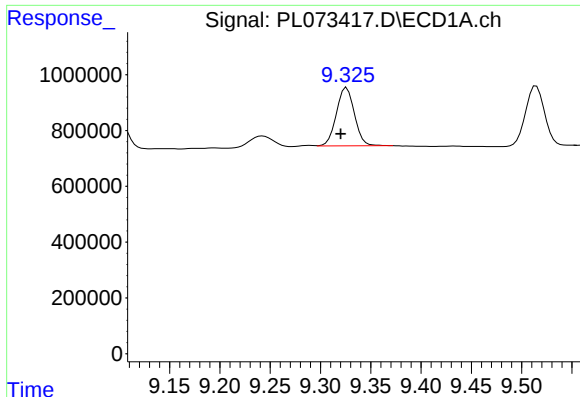
#20 Methoxychlor

R.T.: 9.101 min
Delta R.T.: 0.006 min
Response: 1420373
Conc: 5.54 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 4959499
Conc: 5.50 ng/ml



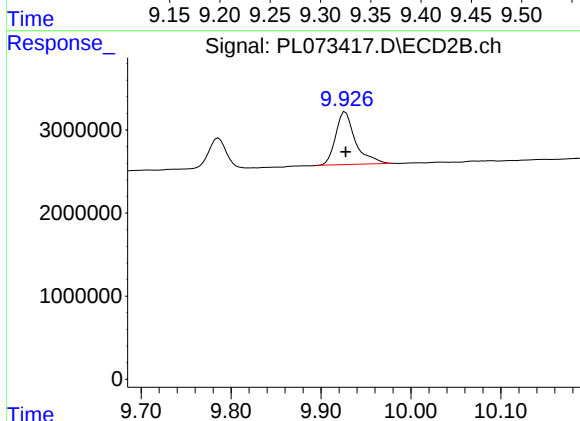
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.006 min
Response: 2600792
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

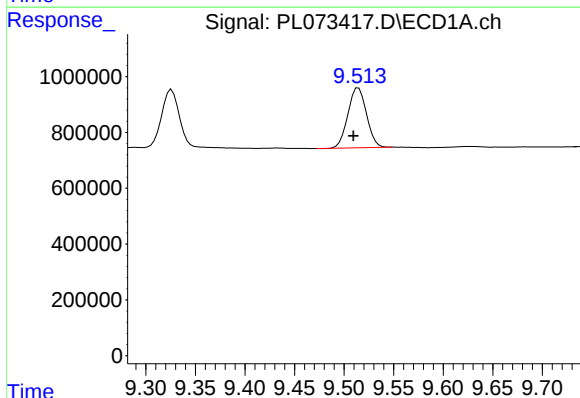
Manual Integrations
APPROVED

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



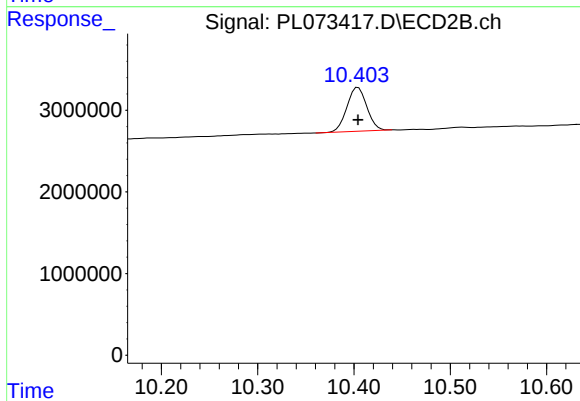
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 9714367
Conc: 5.89 ng/ml m



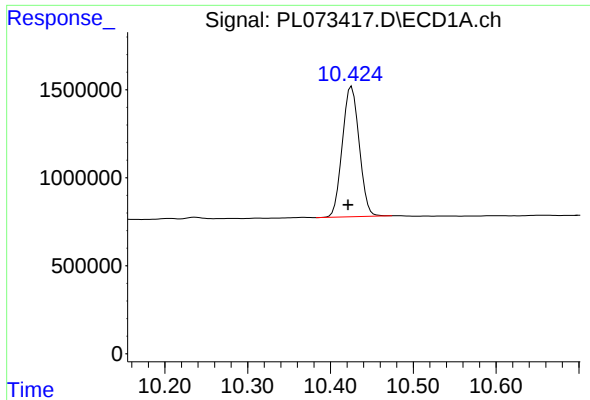
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.005 min
Response: 2823745
Conc: 5.99 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 7750791
Conc: 5.71 ng/ml



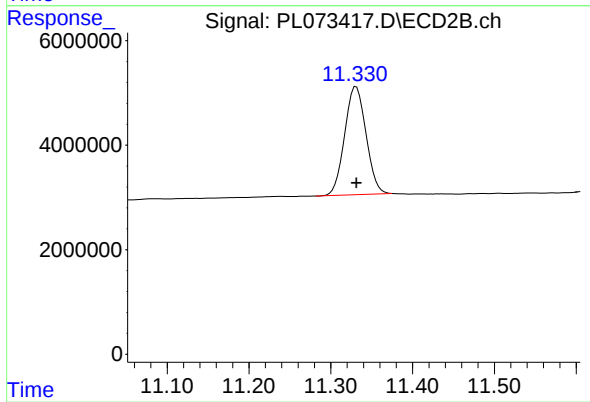
#28 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.005 min
Response: 10494307
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 37496123
Conc: 20.97 ng/ml