

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
 Data File : PL073441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 12:16
 Operator : AR\AJ
 Sample : N1645-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 21:54:39 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...	4.648	5.490	6552001	36559552	20.457	22.275
28)	SA Decachlor...	10.422	11.332	10915533	38357169	21.466	21.450
Target Compounds							
2)	A alpha-BHC	5.356	6.052	2060106	10765258	4.998	4.785
3)	MA gamma-BHC...	5.780	6.442	2075571	10576053	4.976	4.953
4)	MA Heptachlor	6.192	7.101	2450775	12800250	5.432	5.463
5)	MB Aldrin	6.516	7.469	2195608	11169838	5.314	5.332
6)	B beta-BHC	6.160	6.678	1181998	5285334	5.741	5.070
7)	B delta-BHC	6.421	6.946	1966105	11012745	4.895	5.114
8)	B Heptachlo...	7.093	7.926	2376539	11134978	5.514	5.575
9)	A Endosulfan I	7.496	8.326	2229863	9865600	5.436	5.405
10)	B gamma-Chl...	7.371	8.194	2469063	11685523	5.646	5.721
11)	B alpha-Chl...	7.441	8.277	2444687	11046327	5.532	5.523
12)	B 4,4'-DDE	7.654	8.461	1824555	9300884	5.085	5.189
13)	MA Dieldrin	7.783	8.611	2285710	9822035	5.486	5.324
14)	MA Endrin	8.074	8.846	2184291	8358330	5.630	5.430
15)	B Endosulfa...	8.384	9.069	2329677	8308689	5.960	5.410
16)	A 4,4'-DDD	8.240	8.988	1598482	8121858	4.922	5.564
17)	MA 4,4'-DDT	8.501	9.307	1881495	8345555	4.975	5.106
18)	B Endrin al...	8.572	9.201	2015992	7494980	6.375	6.112m
19)	B Endosulfa...	8.803	9.440	2448528	8752000	5.796	5.553
20)	A Methoxychlor	9.096	9.787	1403211	4918126	5.470	5.458
21)	B Endrin ke...	9.322	9.928	2636055	8332528	5.388	5.048
22)	Mirex	9.511	10.405	2923875	8282747	6.200	6.097

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
Data File : PL073441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2022 12:16
Operator : AR\AJ
Sample : N1645-02
Misc : PEST LOQ 5PPB
ALS Vial : 7 Sample Multiplier: 1

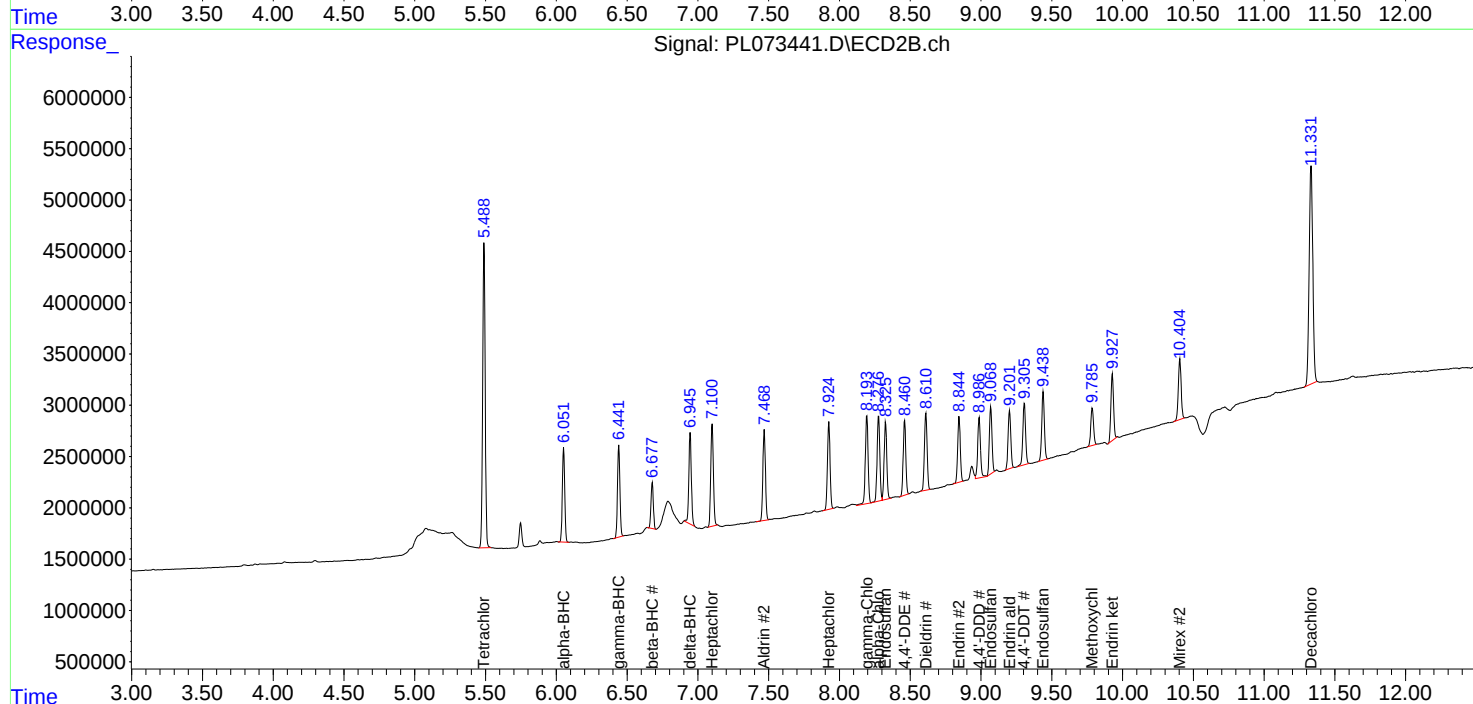
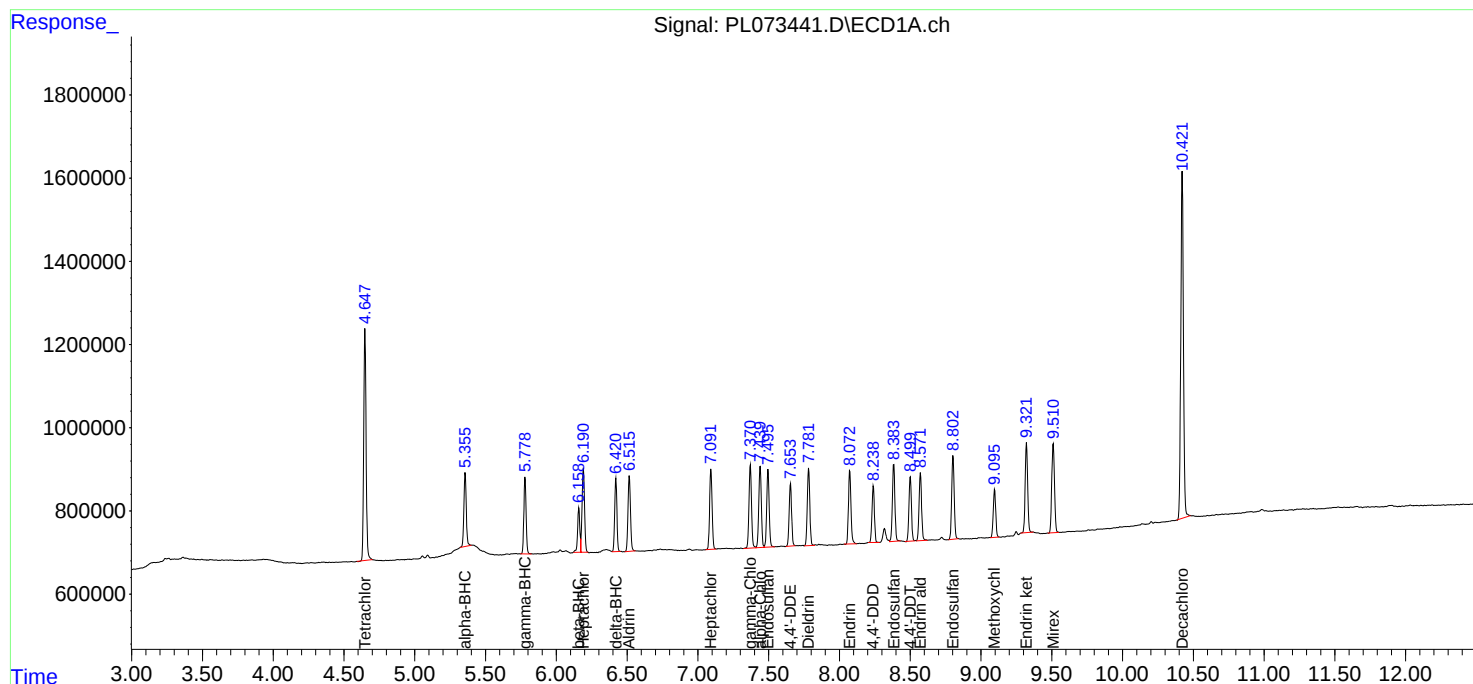
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2022

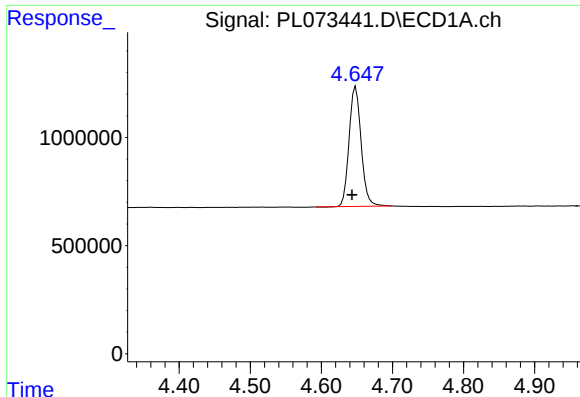
Manual Integrations
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Supervised By :Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 21:54:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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Volume Inj. : 1 µl
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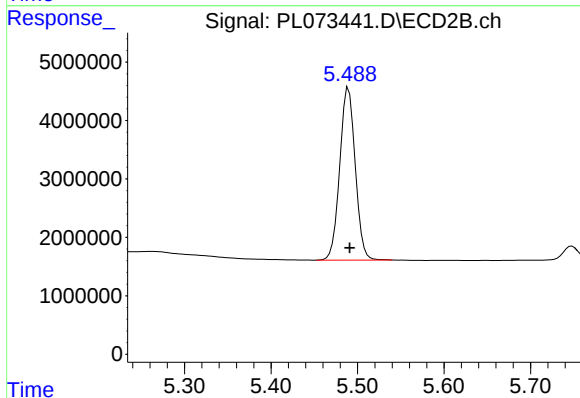
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.005 min
Response: 6552001
Conc: 20.46 ng/ml

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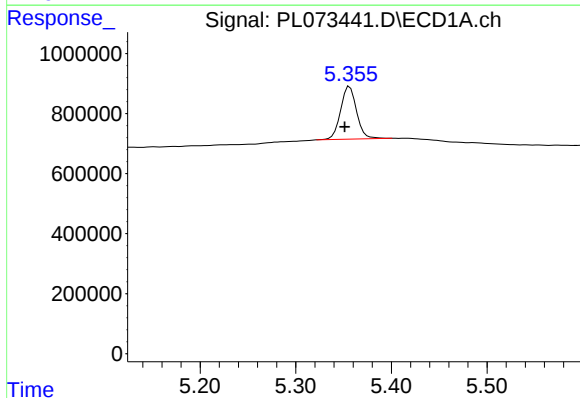
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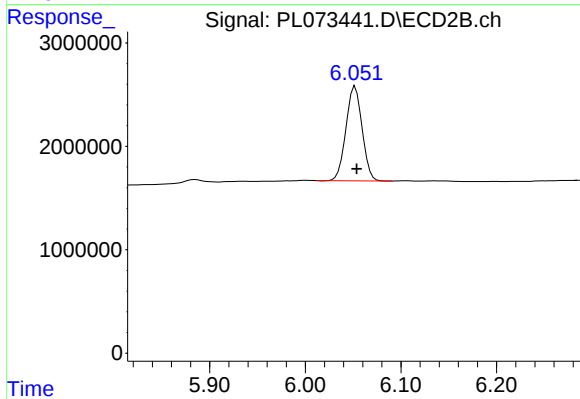
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 36559552
Conc: 22.28 ng/ml



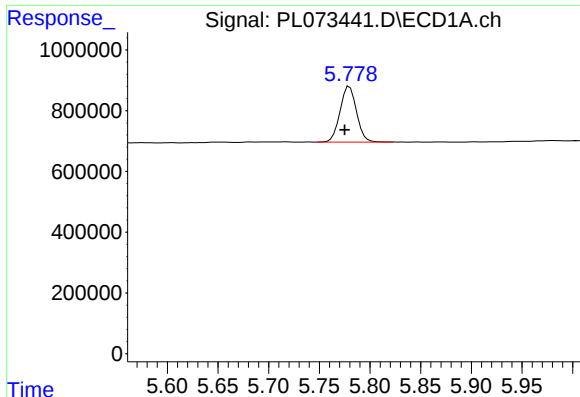
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.005 min
Response: 2060106
Conc: 5.00 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 10765258
Conc: 4.79 ng/ml



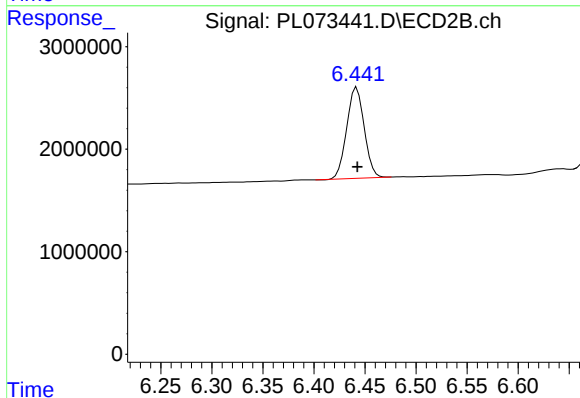
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 2075571
Conc: 4.98 ng/ml

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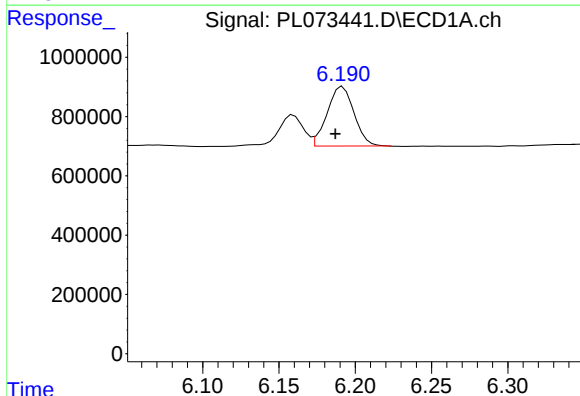
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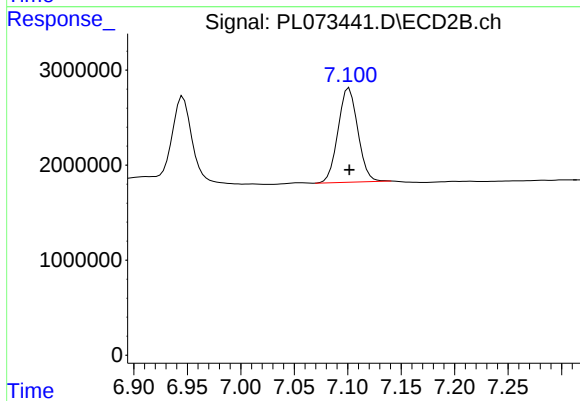
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 10576053
Conc: 4.95 ng/ml



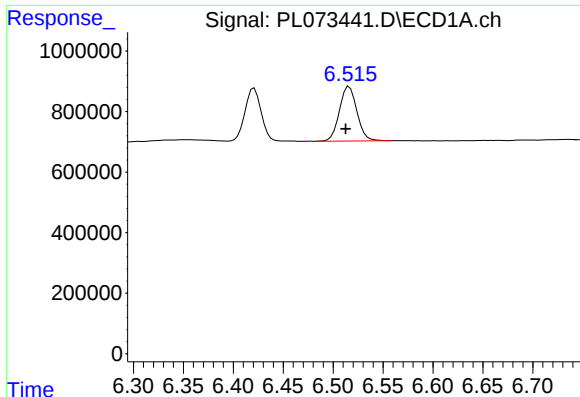
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 2450775
Conc: 5.43 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 12800250
Conc: 5.46 ng/ml



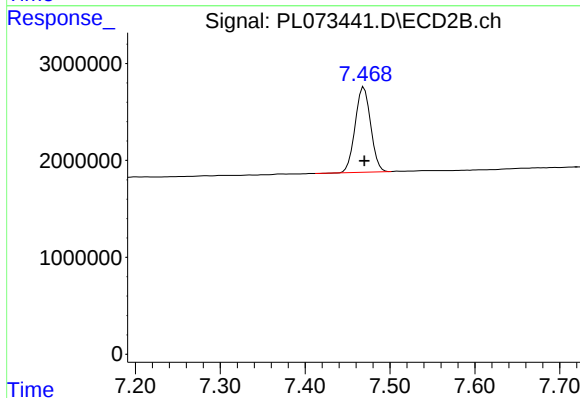
#5 Aldrin

R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 2195608
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
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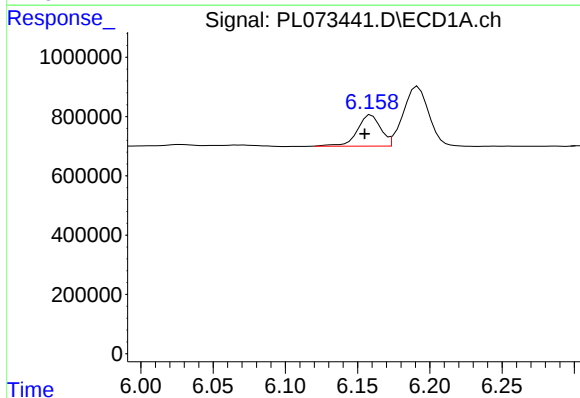
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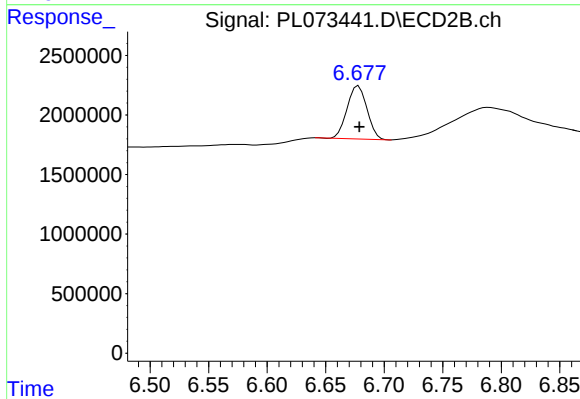
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11169838
Conc: 5.33 ng/ml



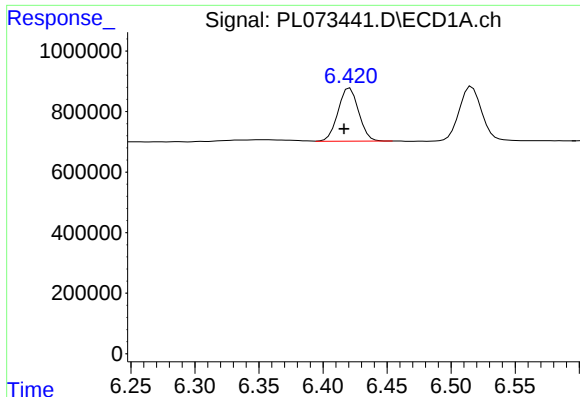
#6 beta-BHC

R.T.: 6.160 min
Delta R.T.: 0.005 min
Response: 1181998
Conc: 5.74 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 5285334
Conc: 5.07 ng/ml



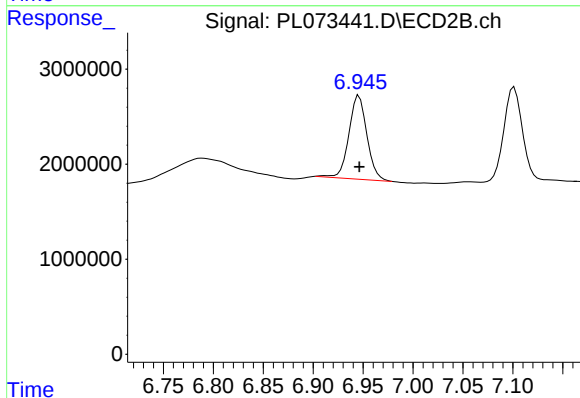
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.005 min
Response: 1966105
Conc: 4.90 ng/ml

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

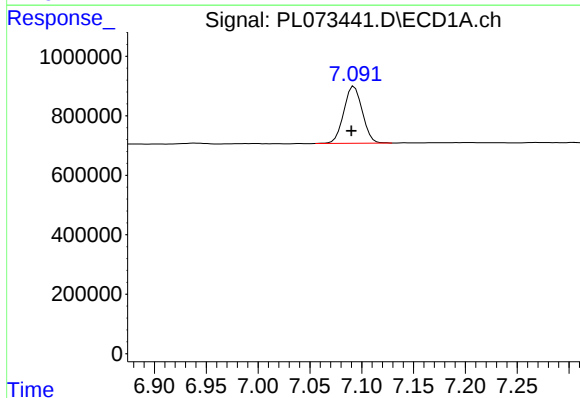
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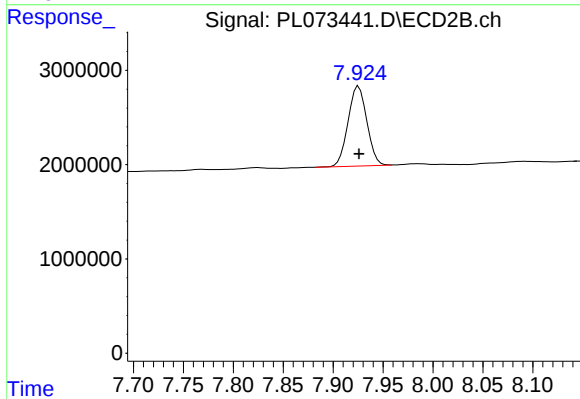
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 11012745
Conc: 5.11 ng/ml



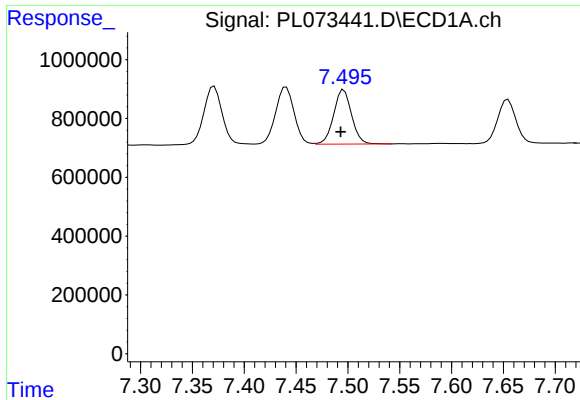
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 2376539
Conc: 5.51 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 11134978
Conc: 5.57 ng/ml



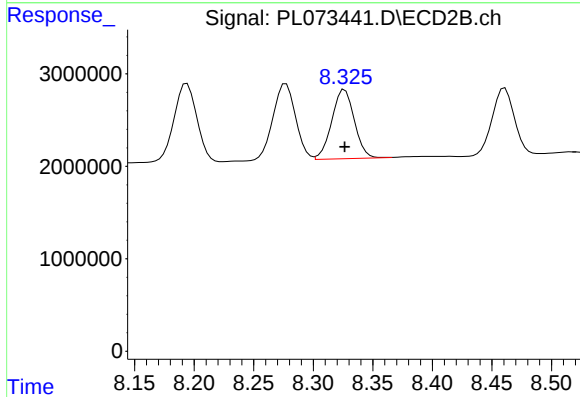
#9 Endosulfan I

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 2229863
Conc: 5.44 ng/ml

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

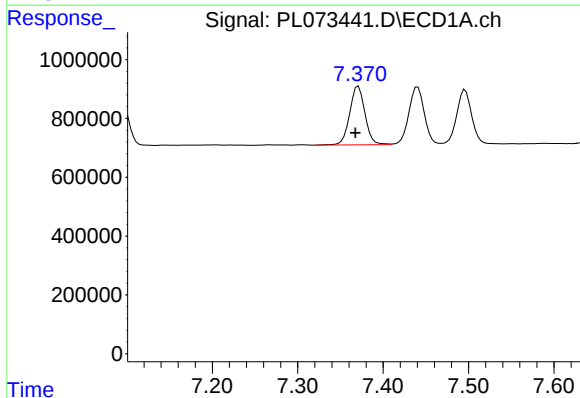
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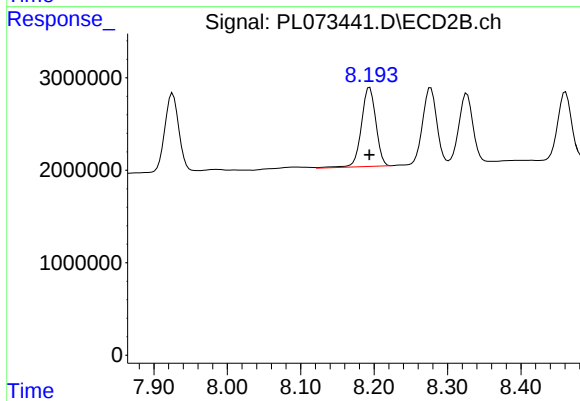
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 9865600
Conc: 5.40 ng/ml



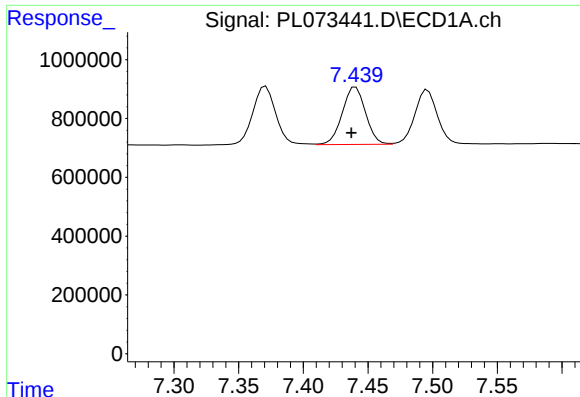
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.003 min
Response: 2469063
Conc: 5.65 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 11685523
Conc: 5.72 ng/ml



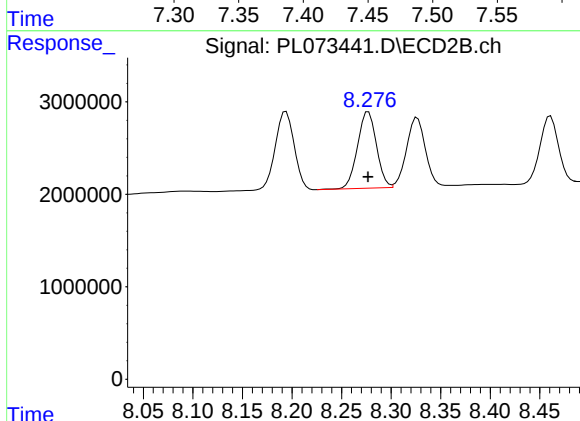
#11 alpha-Chlordane

R.T.: 7.441 min
Delta R.T.: 0.003 min
Response: 2444687
Conc: 5.53 ng/ml

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

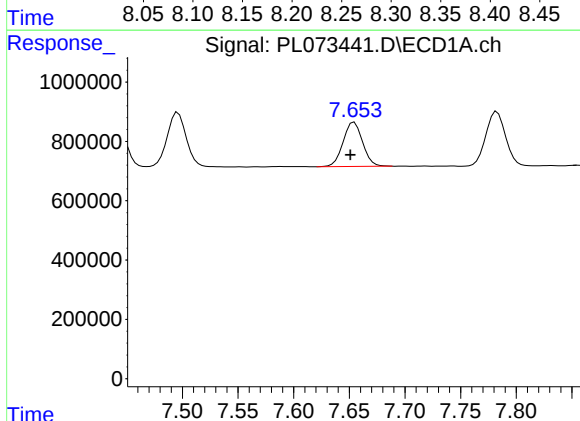
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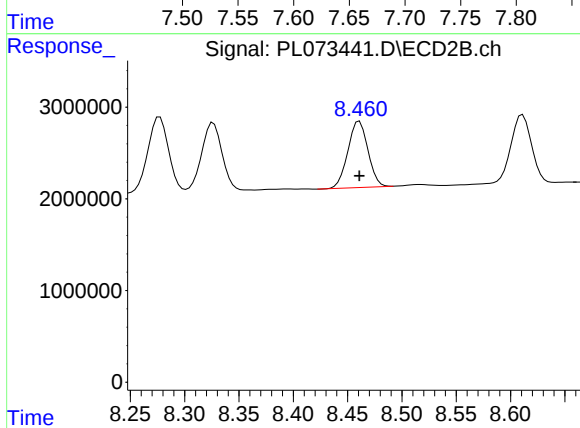
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 11046327
Conc: 5.52 ng/ml



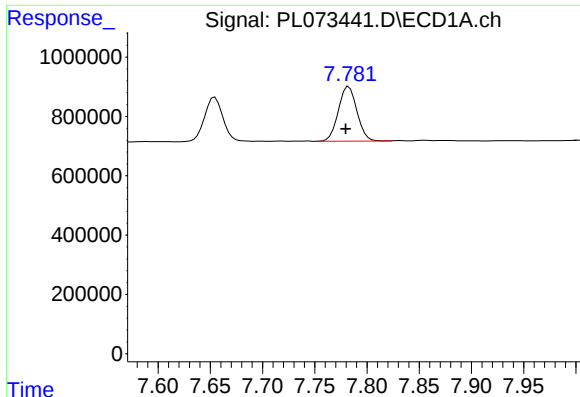
#12 4,4'-DDE

R.T.: 7.654 min
Delta R.T.: 0.003 min
Response: 1824555
Conc: 5.08 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 9300884
Conc: 5.19 ng/ml



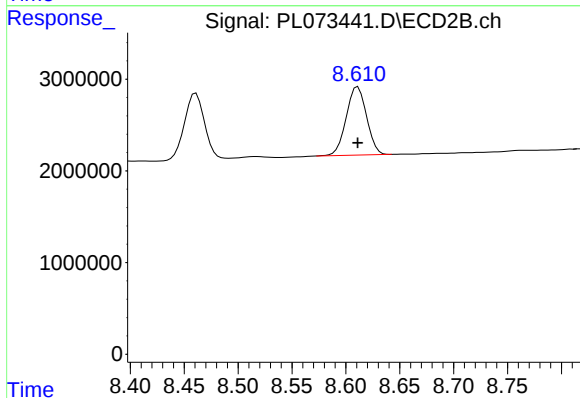
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 2285710
Conc: 5.49 ng/ml

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

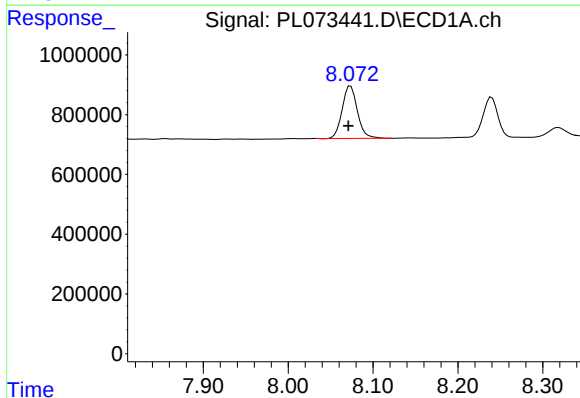
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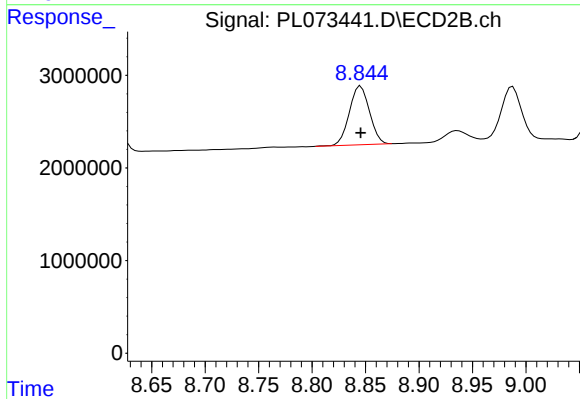
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 9822035
Conc: 5.32 ng/ml



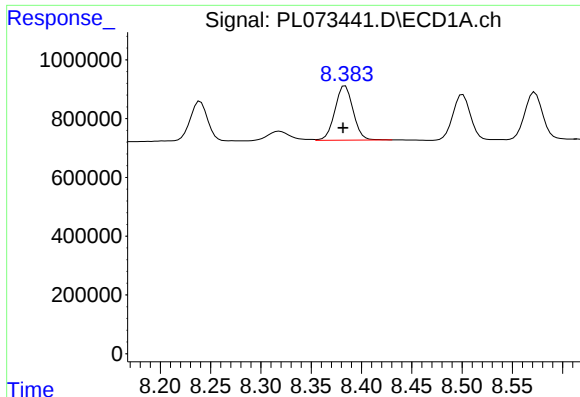
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.003 min
Response: 2184291
Conc: 5.63 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 8358330
Conc: 5.43 ng/ml



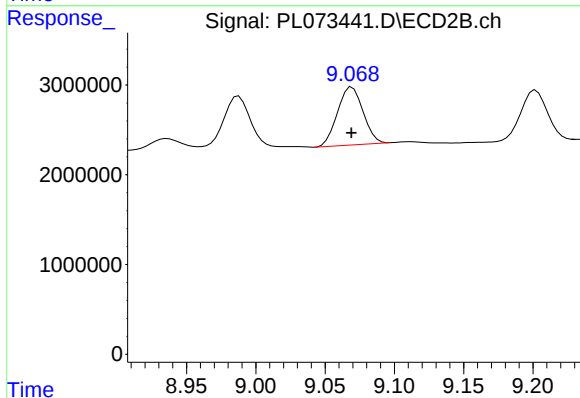
#15 Endosulfan II

R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 2329677
Conc: 5.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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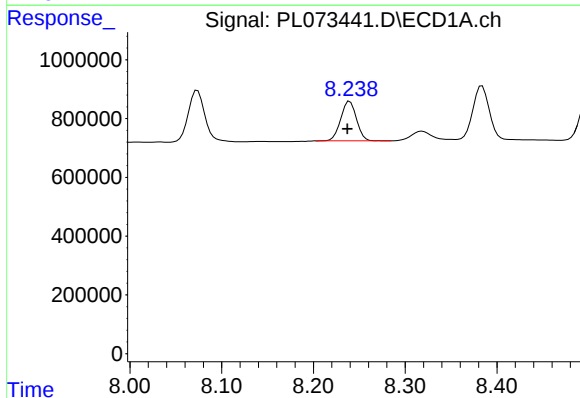
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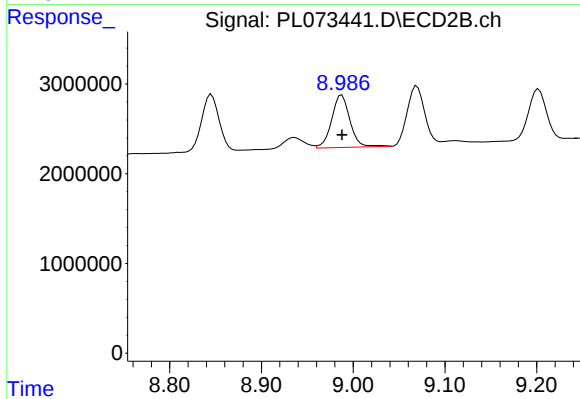
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 8308689
Conc: 5.41 ng/ml



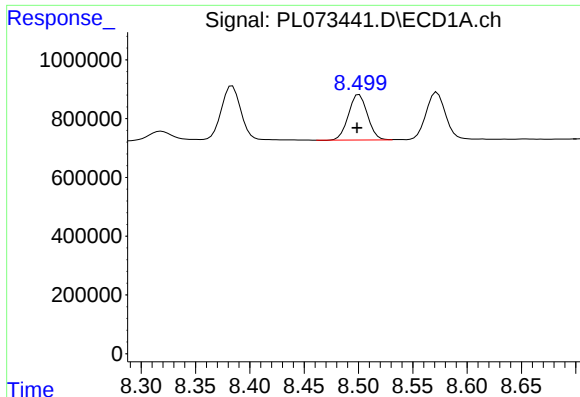
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 1598482
Conc: 4.92 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 8121858
Conc: 5.56 ng/ml



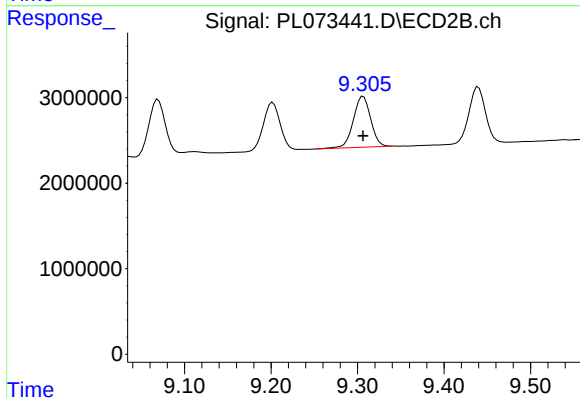
#17 4,4'-DDT

R.T.: 8.501 min
Delta R.T.: 0.002 min
Response: 1881495
Conc: 4.98 ng/ml

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

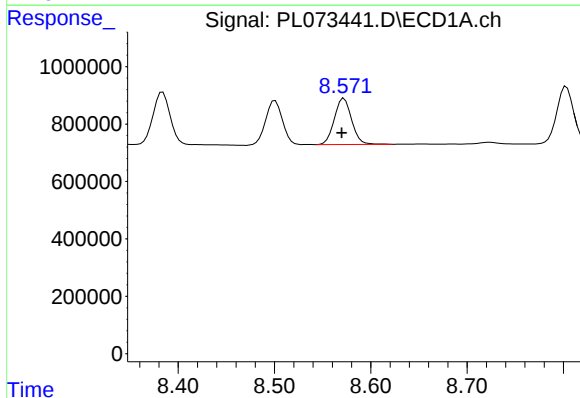
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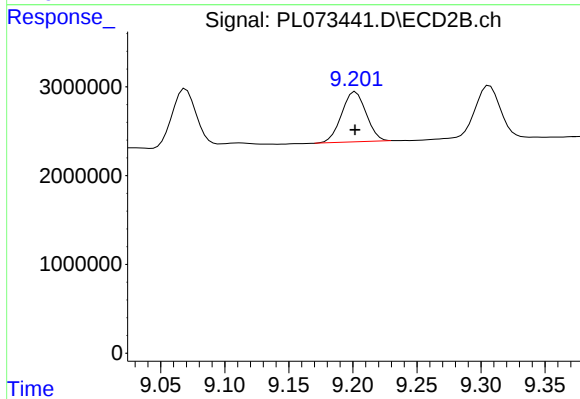
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 8345555
Conc: 5.11 ng/ml



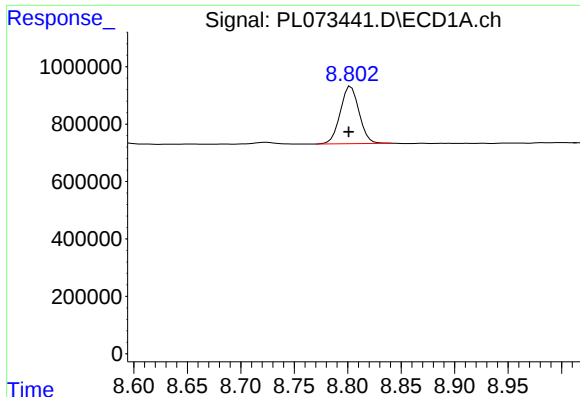
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 2015992
Conc: 6.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 7494980
Conc: 6.11 ng/ml m



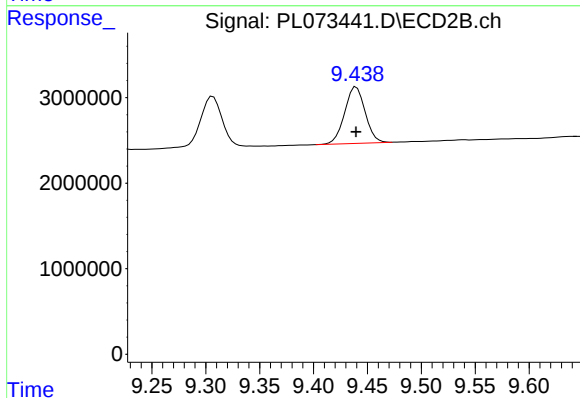
#19 Endosulfan Sulfate

R.T.: 8.803 min
Delta R.T.: 0.002 min
Response: 2448528
Conc: 5.80 ng/ml

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

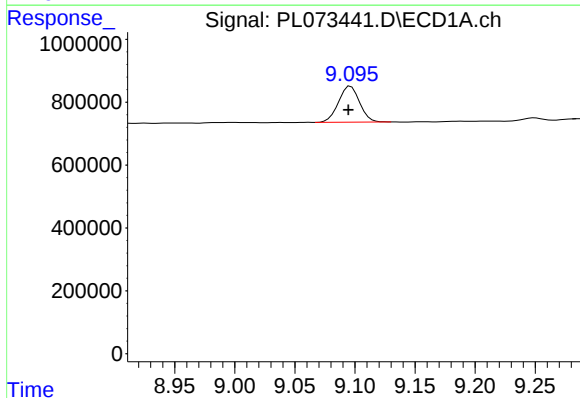
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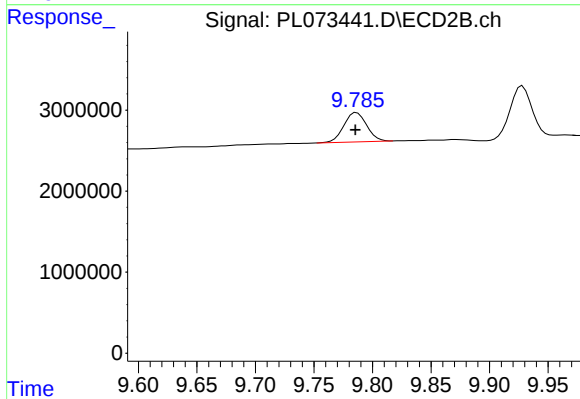
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 8752000
Conc: 5.55 ng/ml



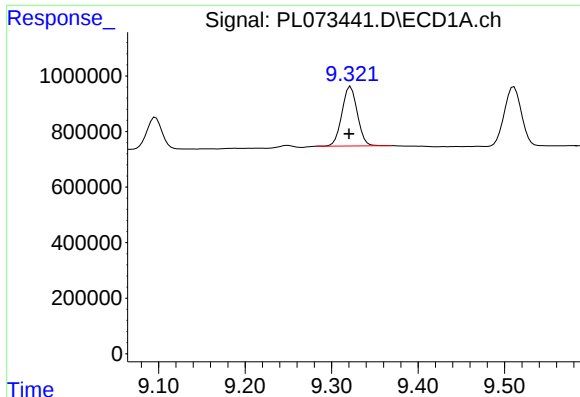
#20 Methoxychlor

R.T.: 9.096 min
Delta R.T.: 0.002 min
Response: 1403211
Conc: 5.47 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.000 min
Response: 4918126
Conc: 5.46 ng/ml



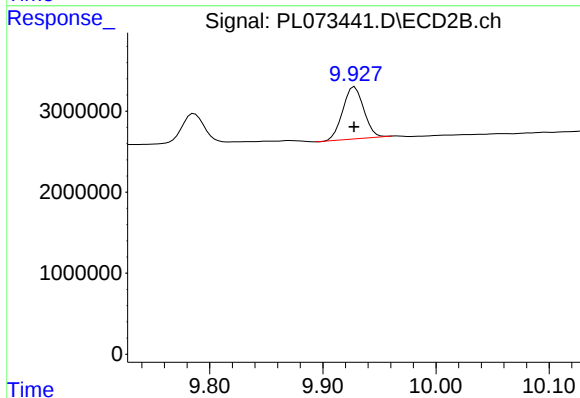
#21 Endrin ketone

R.T.: 9.322 min
Delta R.T.: 0.002 min
Response: 2636055
Conc: 5.39 ng/ml

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

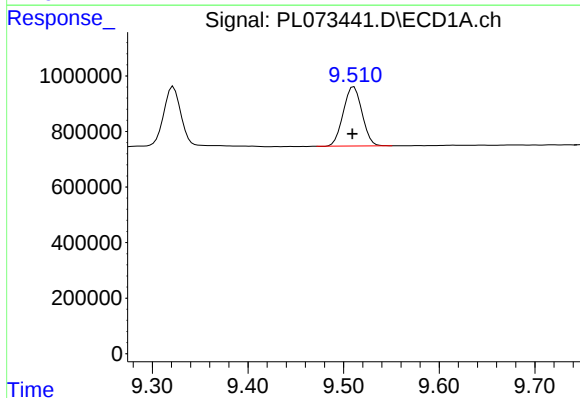
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2022
Supervised By :Ankita Jodhani 03/18/2022



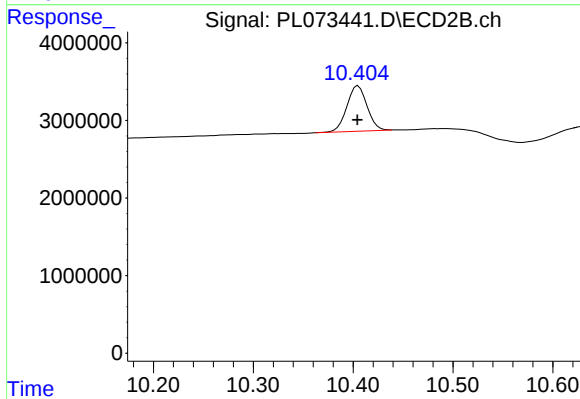
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 8332528
Conc: 5.05 ng/ml



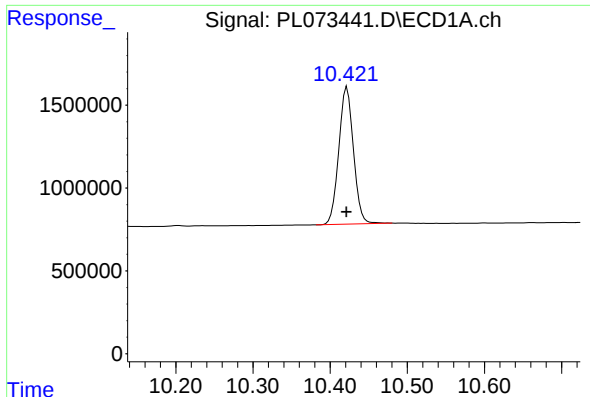
#22 Mirex

R.T.: 9.511 min
Delta R.T.: 0.002 min
Response: 2923875
Conc: 6.20 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 8282747
Conc: 6.10 ng/ml



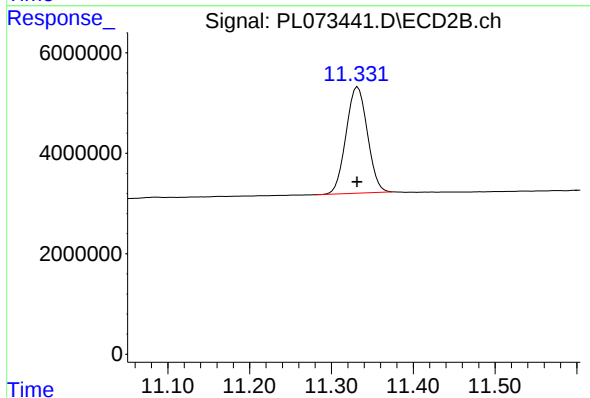
#28 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.001 min
Response: 10915533
Conc: 21.47 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 38357169
Conc: 21.45 ng/ml