

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 13:28
 Operator : AR\AJ
 Sample : M2940-02
 Misc : LOQ 5 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:46:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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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...	4.646	5.573	7705168	18004992	17.953	17.645
28)	SA Decachlor...	10.427	11.499	10645475	17201900	18.928	19.285
Target Compounds							
2)	A alpha-BHC	5.354	6.153	2729517	6009535	4.663	4.420
3)	MA gamma-BHC...	5.777	6.549	2825722	5887404	4.971	4.563
4)	MA Heptachlor	6.190	7.199	3064824	5907286	5.028	4.533
5)	MB Aldrin	6.516	7.571	2817350	5508008	5.013	4.642
6)	B beta-BHC	6.156	6.802	1694539	3877526	5.791	5.489
7)	B delta-BHC	6.417	7.070	2773303	5634649	4.964m	4.599
8)	B Heptachlo...	7.093	8.037	2998862	5536314	5.398	4.897
9)	A Endosulfan I	7.497	8.443	2871943	5168225	5.436	5.020
10)	B gamma-Chl...	7.371	8.305	3165336	5589085	5.517	4.963m
11)	B alpha-Chl...	7.441	8.387	3129128	5658758	5.448	5.031
12)	B 4,4'-DDE	7.655	8.574	2498316	4843210	4.958	4.700
13)	MA Dieldrin	7.783	8.732	2804765	5236009	5.211	4.937
14)	MA Endrin	8.074	8.972	2458207	4047630	4.916	4.527
15)	B Endosulfa...	8.385	9.205	2725260	4992434	5.520	5.508
16)	A 4,4'-DDD	8.240	9.112	2359558	4715482	5.282	5.538m
17)	MA 4,4'-DDT	8.503	9.431	2435352	3880158	4.855	4.111
18)	B Endrin al...	8.573	9.339	2460000	4169499	6.210	5.785m
19)	B Endosulfa...	8.804	9.577	3128067	4947258	5.953	5.494
20)	A Methoxychlor	9.098	9.916	1646143	2415479	5.262	4.755
21)	B Endrin ke...	9.323	10.076	3350920	5464245	5.659	5.479
22)	Mirex	9.515	10.543	3266355	4740472	6.614	6.128

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
Data File : PL068272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 13:28
Operator : AR\AJ
Sample : M2940-02
Misc : LOQ 5 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

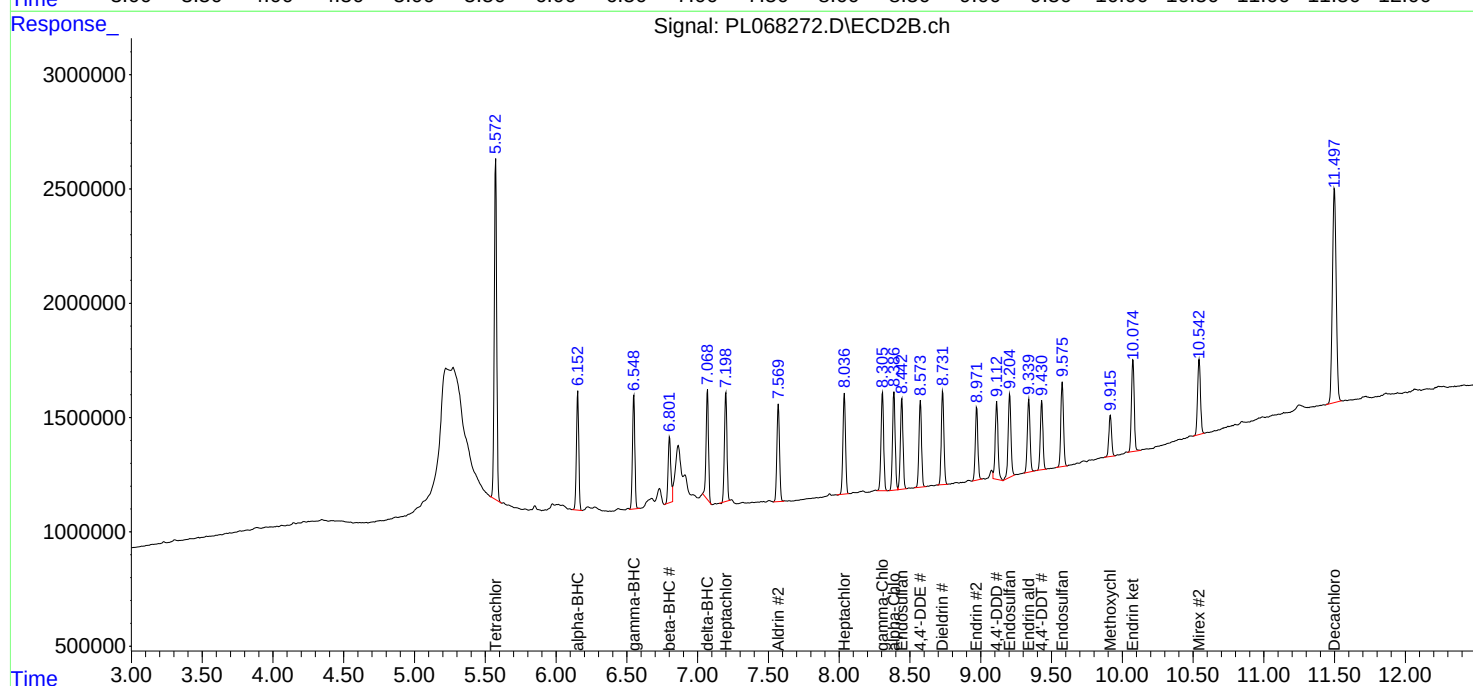
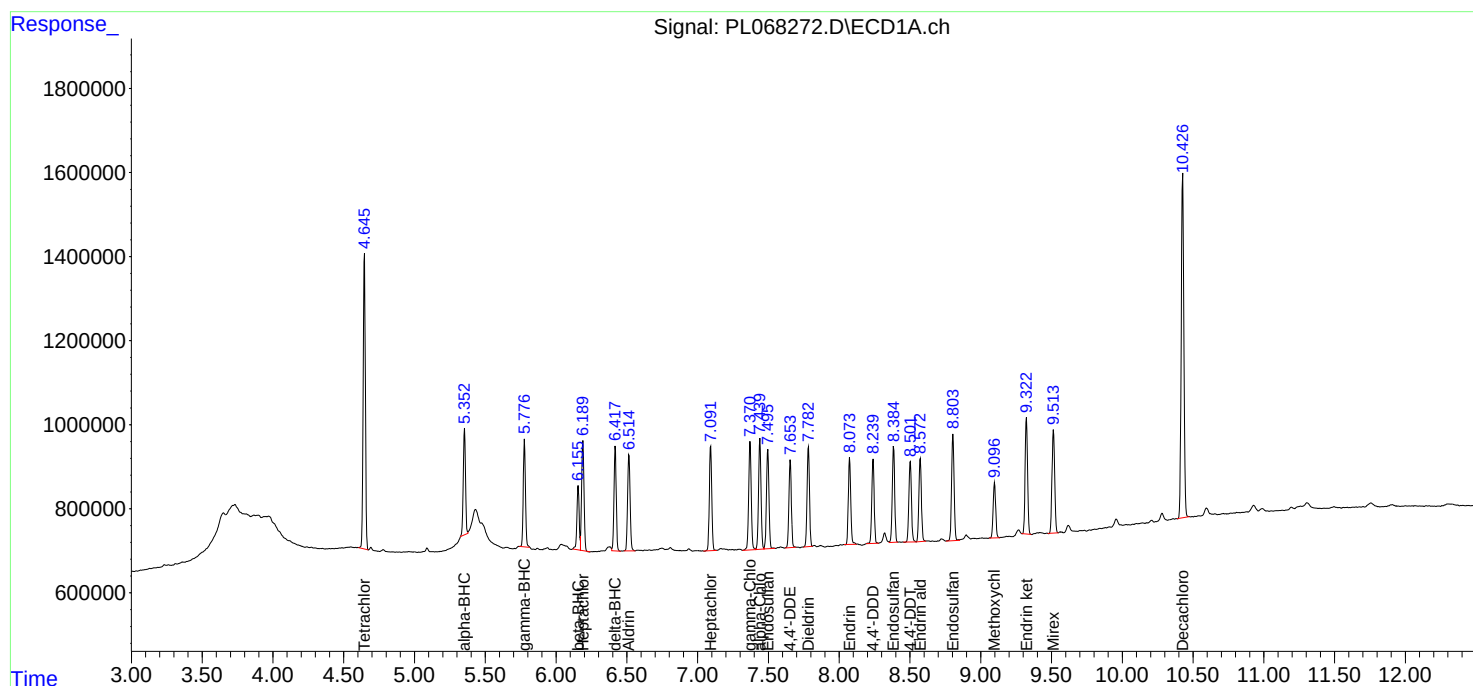
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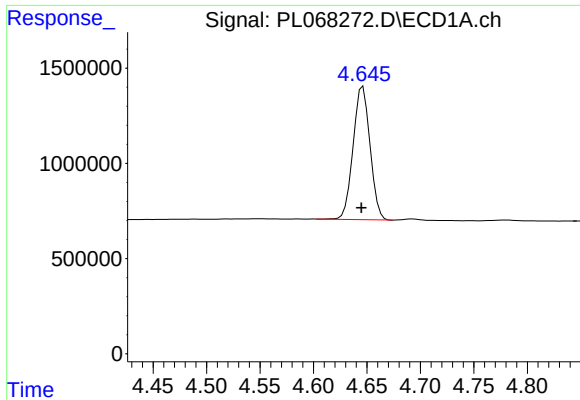
mohammad

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 05:46:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response via : Initial Calibration
Integrator: ChemStation

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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





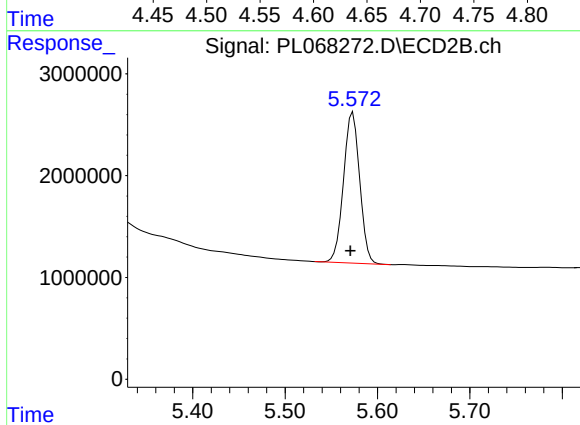
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 7705168
Conc: 17.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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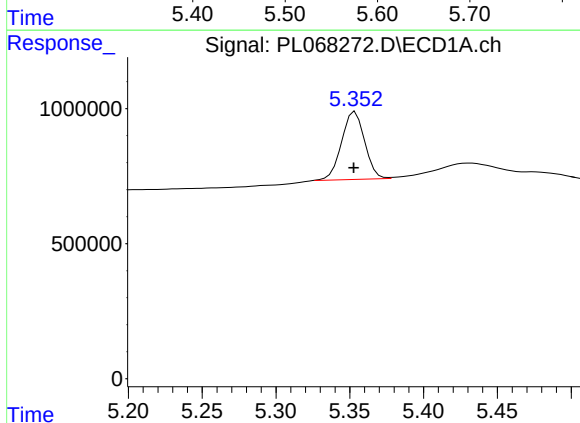
mohammad



#1 Tetrachloro-m-xylene

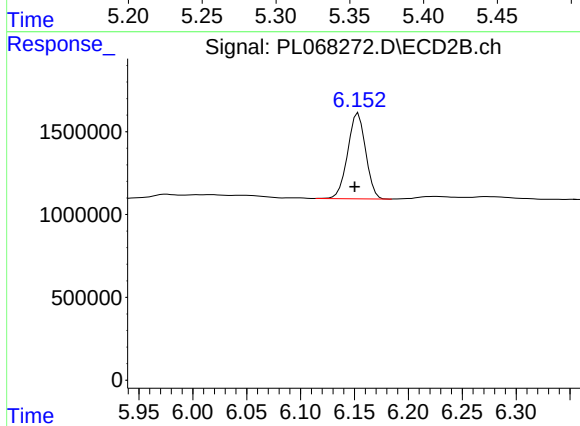
R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 18004992
Conc: 17.64 ng/ml

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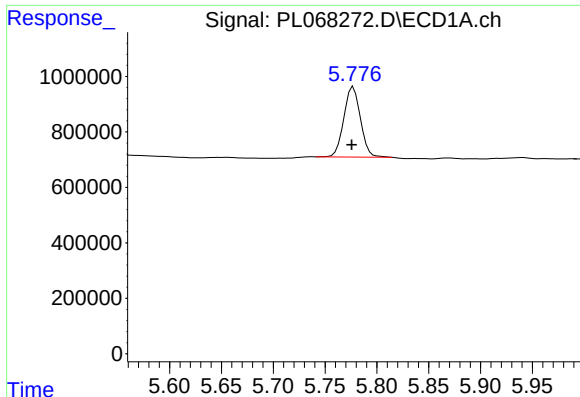
#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 2729517
Conc: 4.66 ng/ml



#2 alpha-BHC

R.T.: 6.153 min
Delta R.T.: 0.003 min
Response: 6009535
Conc: 4.42 ng/ml



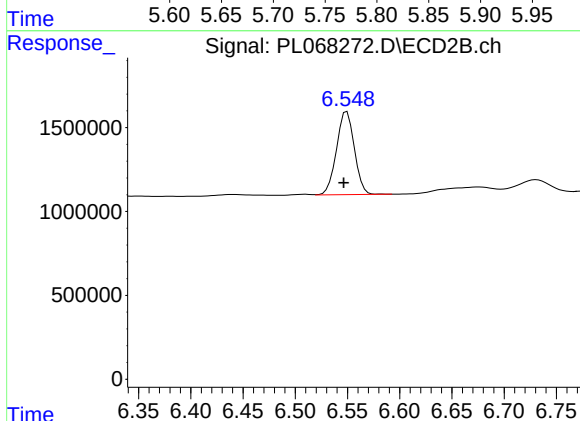
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 2825722
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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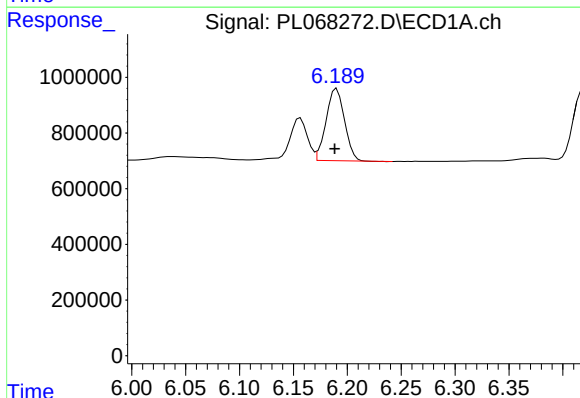
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#3 gamma-BHC (Lindane)

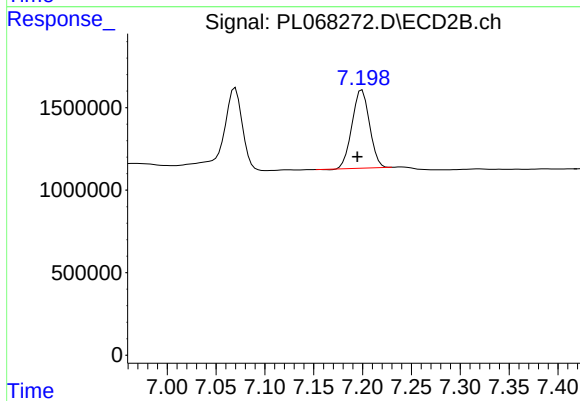
R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 5887404
Conc: 4.56 ng/ml

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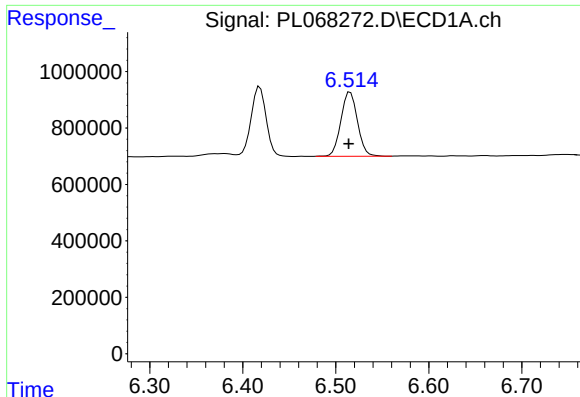
#4 Heptachlor

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 3064824
Conc: 5.03 ng/ml



#4 Heptachlor

R.T.: 7.199 min
Delta R.T.: 0.005 min
Response: 5907286
Conc: 4.53 ng/ml



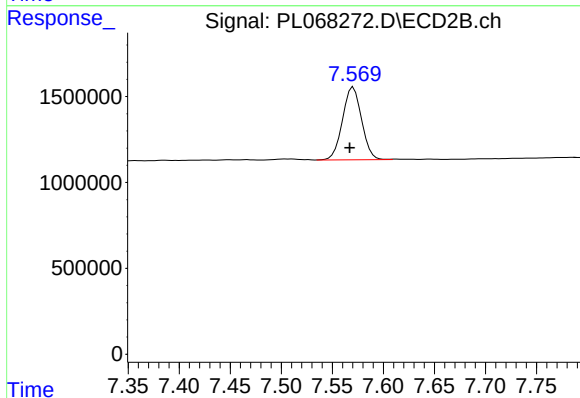
#5 Aldrin

R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 2817350
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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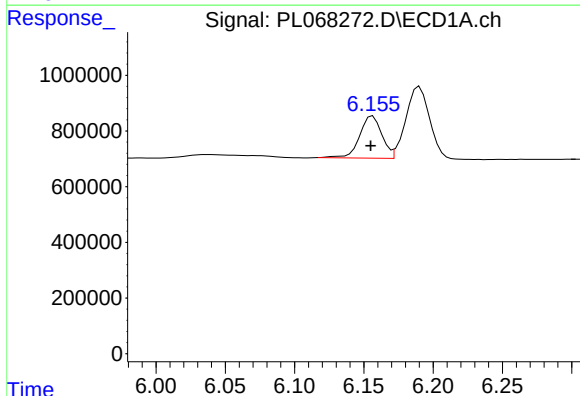
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#5 Aldrin

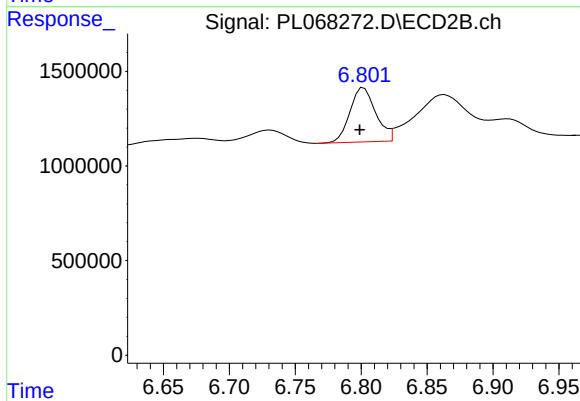
R.T.: 7.571 min
Delta R.T.: 0.004 min
Response: 5508008
Conc: 4.64 ng/ml

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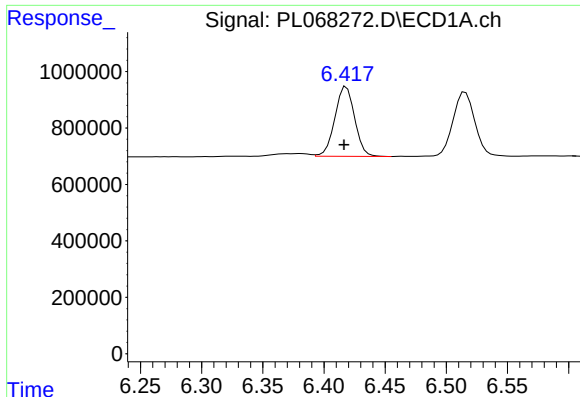
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.001 min
Response: 1694539
Conc: 5.79 ng/ml



#6 beta-BHC

R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 3877526
Conc: 5.49 ng/ml



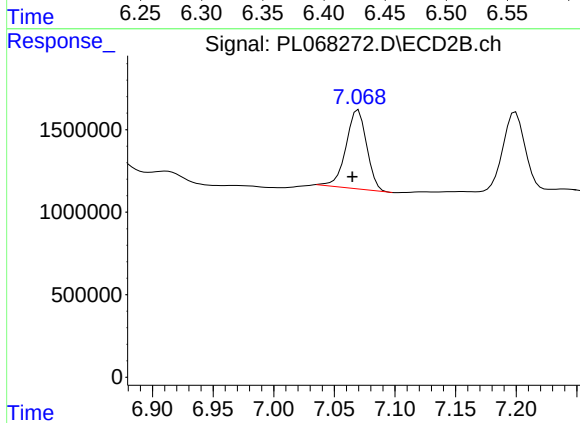
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 2773303
Conc: 4.96 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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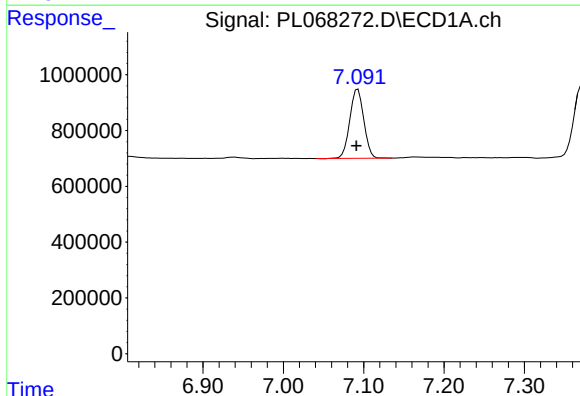
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#7 delta-BHC

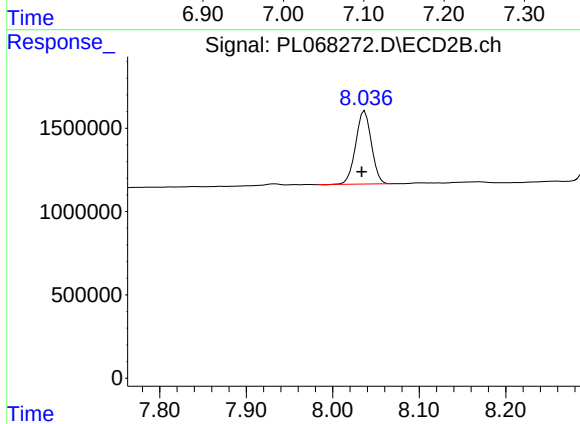
R.T.: 7.070 min
Delta R.T.: 0.005 min
Response: 5634649
Conc: 4.60 ng/ml

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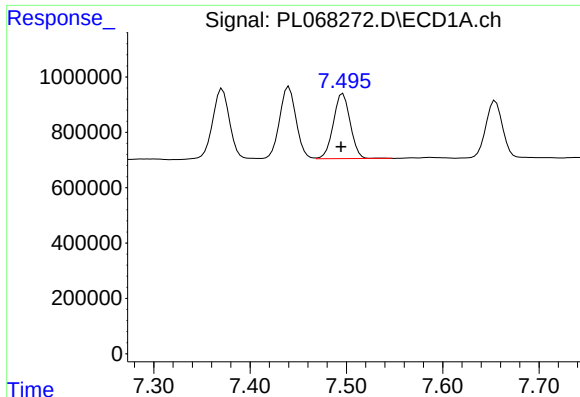
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 2998862
Conc: 5.40 ng/ml



#8 Heptachlor epoxide

R.T.: 8.037 min
Delta R.T.: 0.003 min
Response: 5536314
Conc: 4.90 ng/ml



#9 Endosulfan I

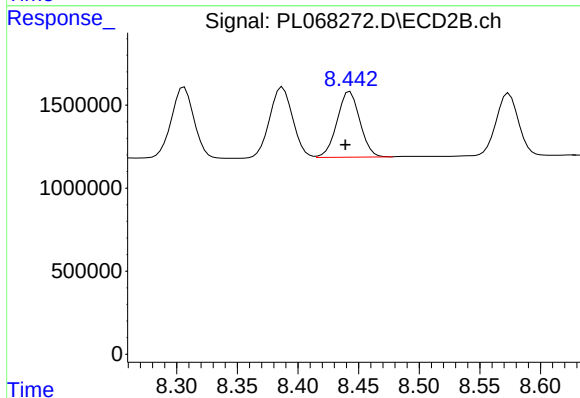
R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 2871943
Conc: 5.44 ng/ml

Instrument :
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Manual Integrations
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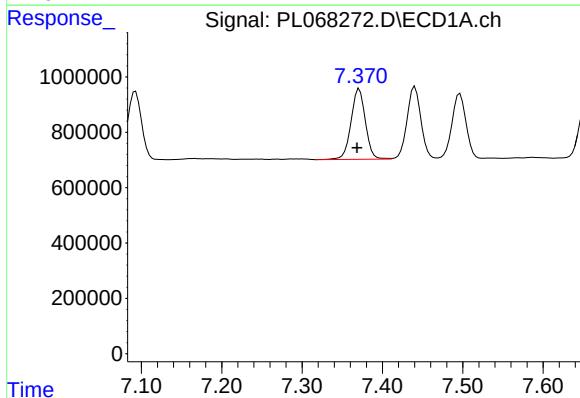
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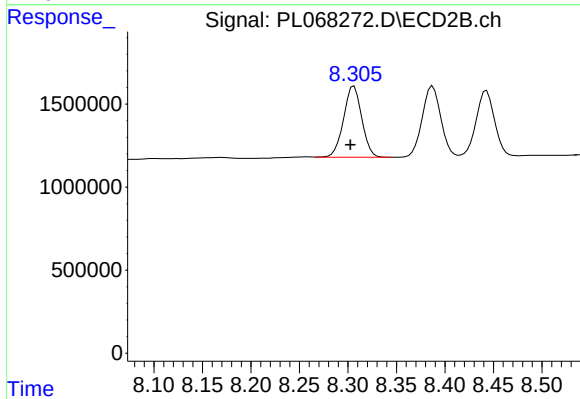
#9 Endosulfan I

R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 5168225
Conc: 5.02 ng/ml



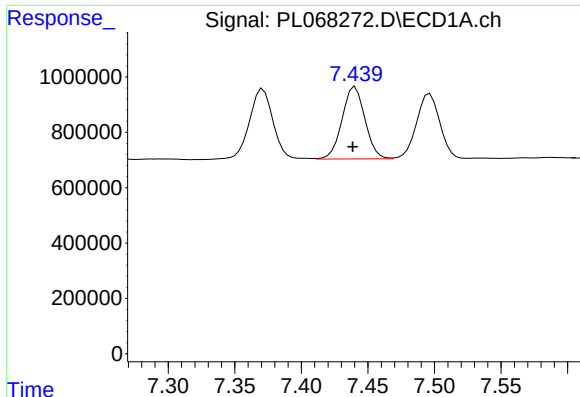
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.003 min
Response: 3165336
Conc: 5.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 5589085
Conc: 4.96 ng/ml m



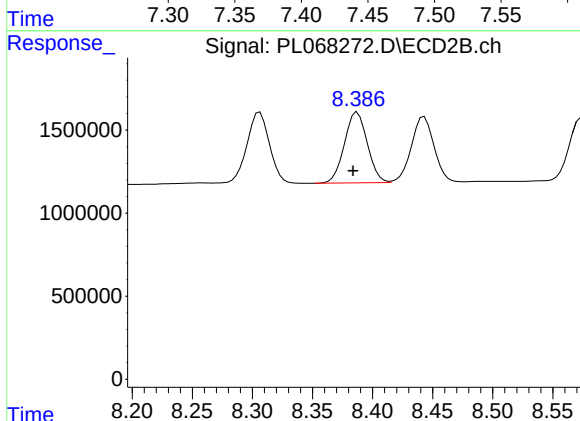
#11 alpha-Chlordane

R.T.: 7.441 min
Delta R.T.: 0.002 min
Response: 3129128
Conc: 5.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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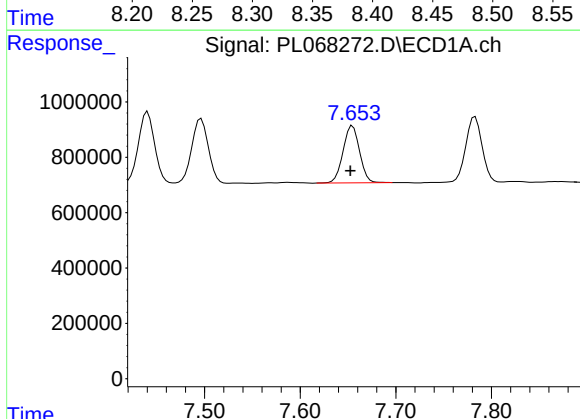
mohammad



#11 alpha-Chlordane

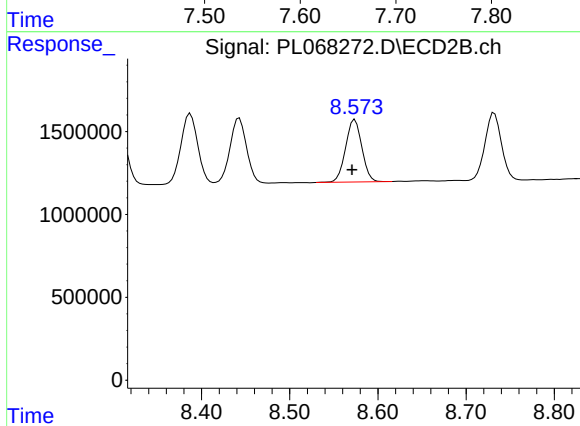
R.T.: 8.387 min
Delta R.T.: 0.004 min
Response: 5658758
Conc: 5.03 ng/ml

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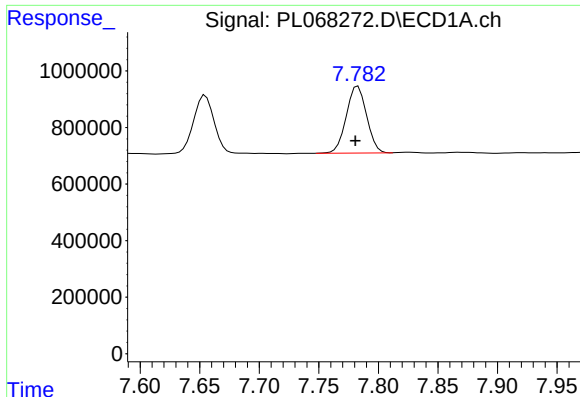
#12 4,4'-DDE

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 2498316
Conc: 4.96 ng/ml



#12 4,4'-DDE

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 4843210
Conc: 4.70 ng/ml



#13 Dieldrin

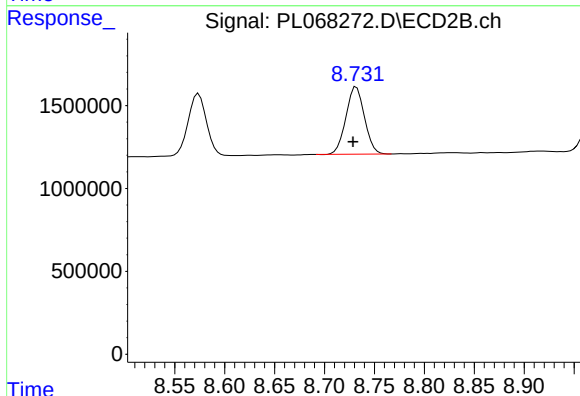
R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 2804765
Conc: 5.21 ng/ml

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

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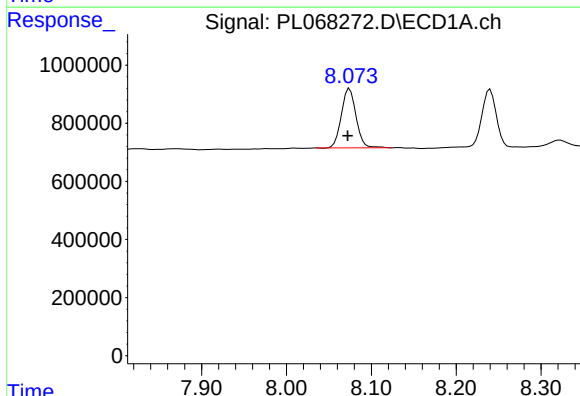
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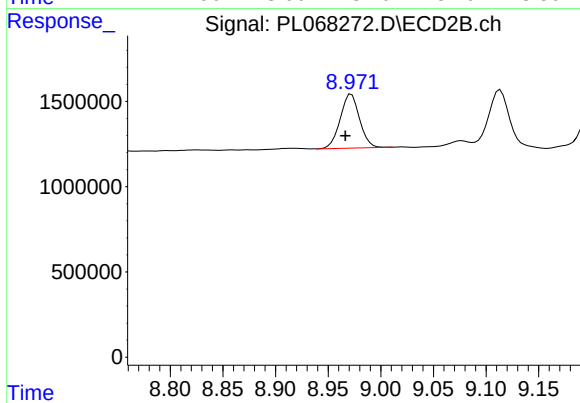
#13 Dieldrin

R.T.: 8.732 min
Delta R.T.: 0.004 min
Response: 5236009
Conc: 4.94 ng/ml



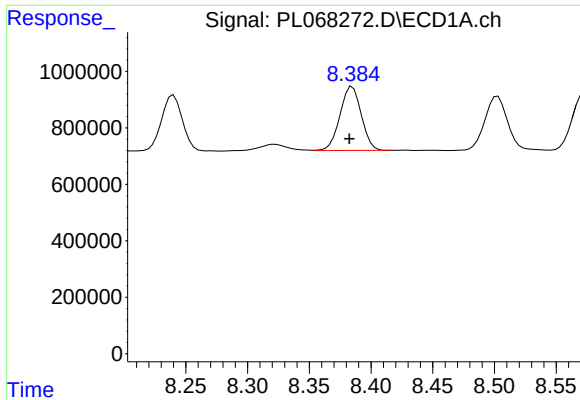
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 2458207
Conc: 4.92 ng/ml



#14 Endrin

R.T.: 8.972 min
Delta R.T.: 0.006 min
Response: 4047630
Conc: 4.53 ng/ml



#15 Endosulfan II

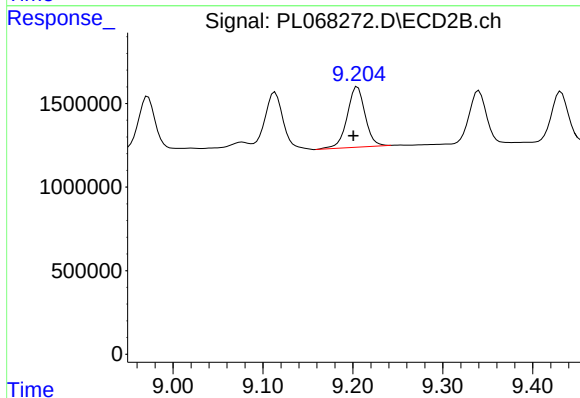
R.T.: 8.385 min
Delta R.T.: 0.003 min
Response: 2725260
Conc: 5.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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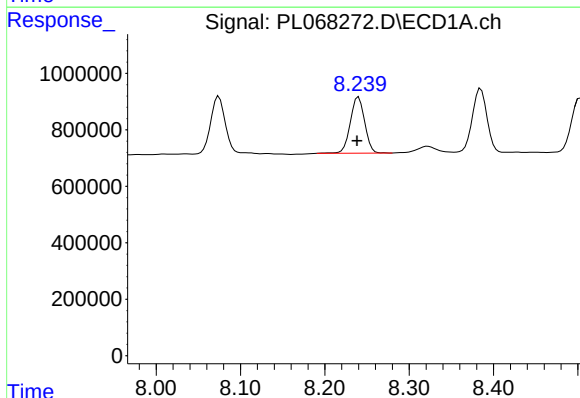
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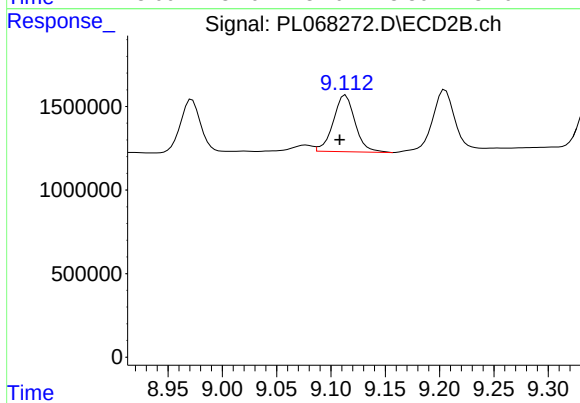
#15 Endosulfan II

R.T.: 9.205 min
Delta R.T.: 0.004 min
Response: 4992434
Conc: 5.51 ng/ml



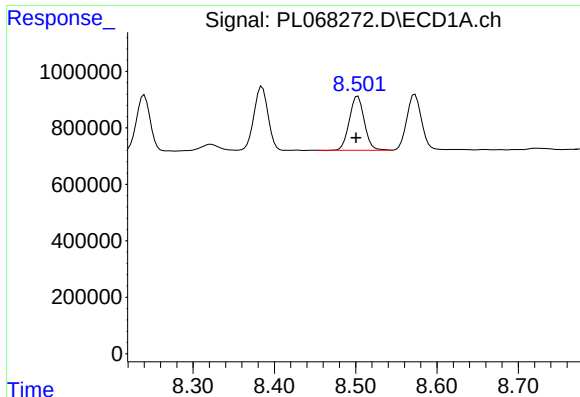
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 2359558
Conc: 5.28 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 4715482
Conc: 5.54 ng/ml m



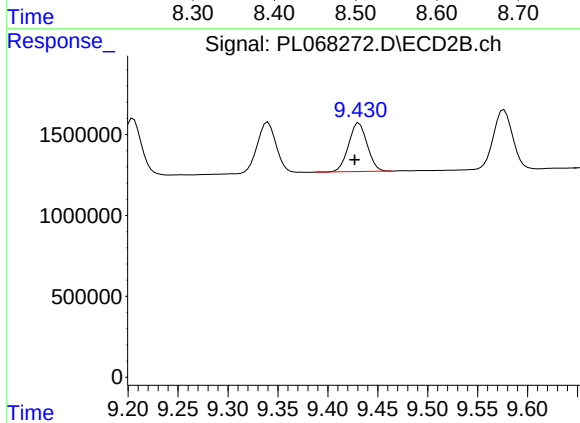
#17 4,4'-DDT

R.T.: 8.503 min
Delta R.T.: 0.002 min
Response: 2435352
Conc: 4.86 ng/ml

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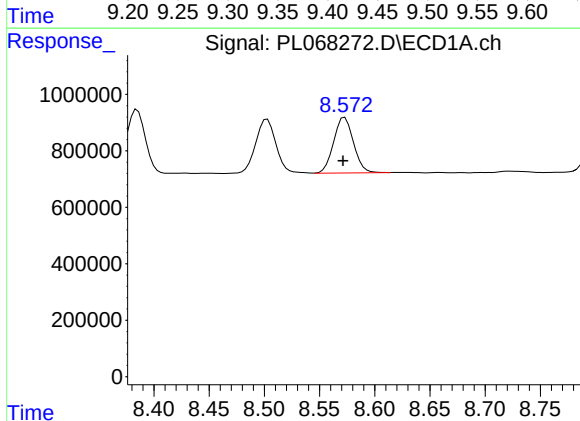
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#17 4,4'-DDT

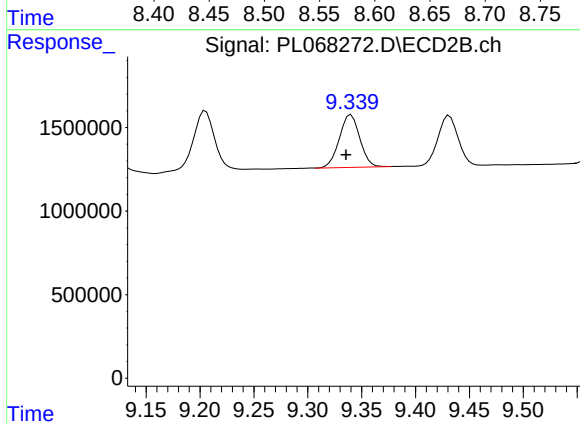
R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 3880158
Conc: 4.11 ng/ml

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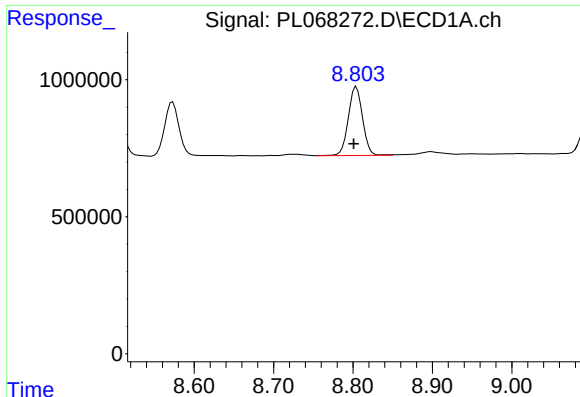
#18 Endrin aldehyde

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 2460000
Conc: 6.21 ng/ml



#18 Endrin aldehyde

R.T.: 9.339 min
Delta R.T.: 0.003 min
Response: 4169499
Conc: 5.79 ng/ml m



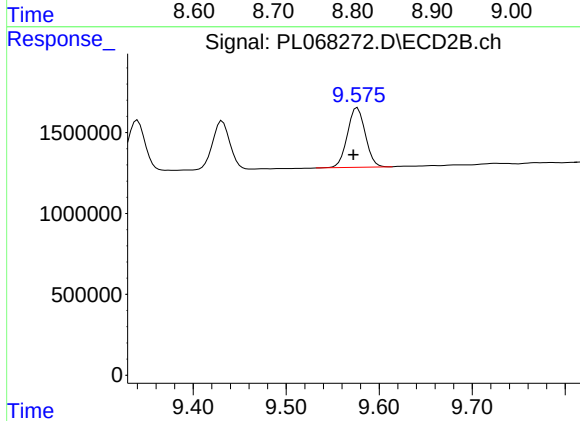
#19 Endosulfan Sulfate

R.T.: 8.804 min
Delta R.T.: 0.003 min
Response: 3128067
Conc: 5.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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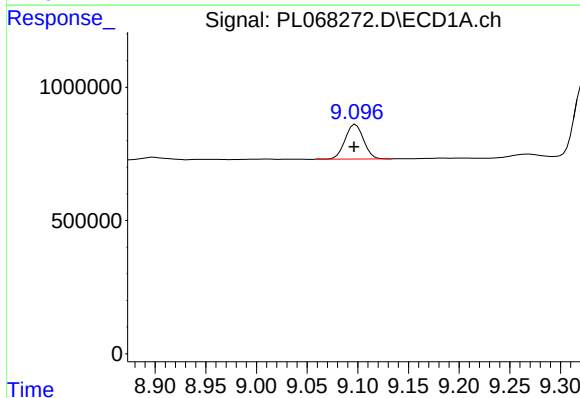
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#19 Endosulfan Sulfate

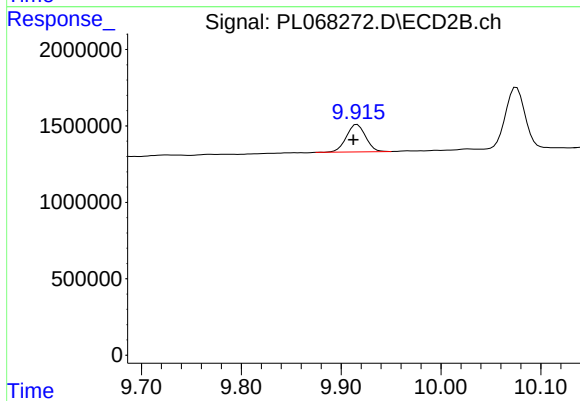
R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 4947258
Conc: 5.49 ng/ml

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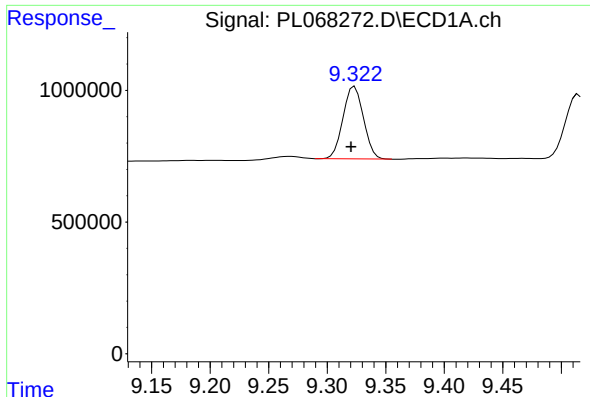
#20 Methoxychlor

R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 1646143
Conc: 5.26 ng/ml



#20 Methoxychlor

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 2415479
Conc: 4.75 ng/ml



#21 Endrin ketone

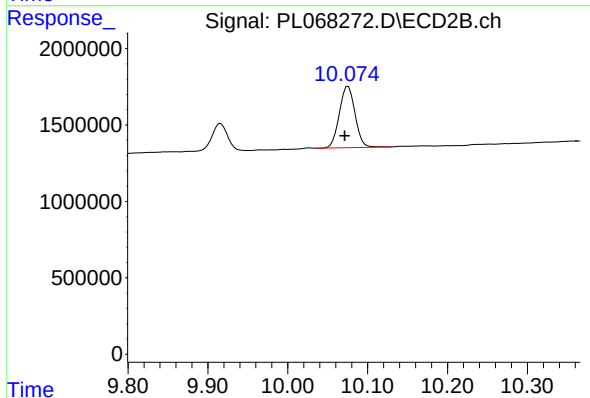
R.T.: 9.323 min
Delta R.T.: 0.003 min
Response: 3350920
Conc: 5.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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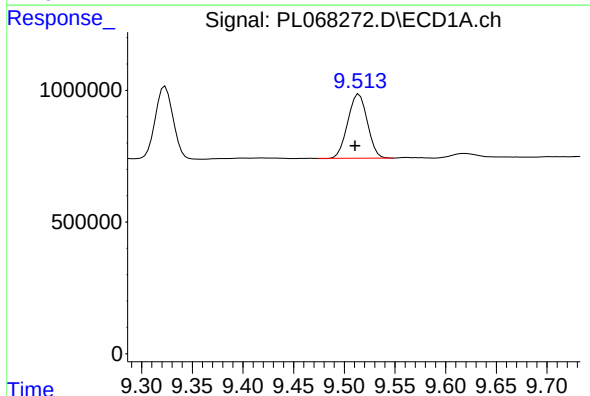
mohammad

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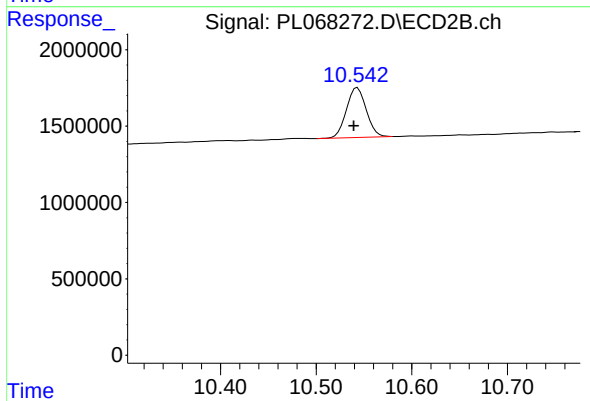
#21 Endrin ketone

R.T.: 10.076 min
Delta R.T.: 0.004 min
Response: 5464245
Conc: 5.48 ng/ml



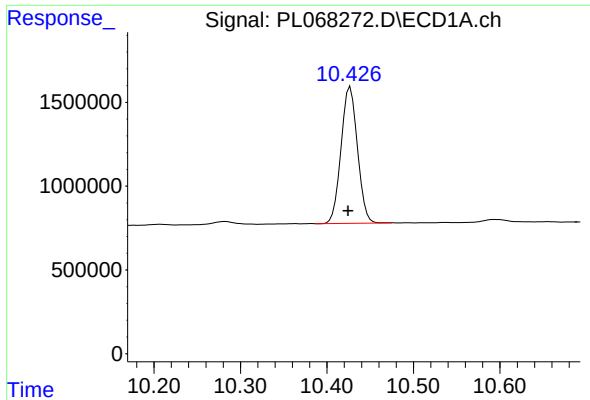
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 3266355
Conc: 6.61 ng/ml



#22 Mirex

R.T.: 10.543 min
Delta R.T.: 0.004 min
Response: 4740472
Conc: 6.13 ng/ml



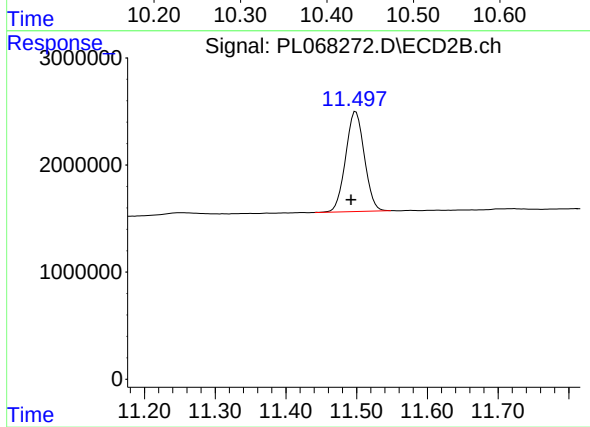
#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.003 min
Response: 10645475
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

mohammad



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.007 min
Response: 17201900
Conc: 19.28 ng/ml

7/21/2021 3:54:09 PM