

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 13:17
 Operator : AR\AJ
 Sample : P2403-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:13:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.564	2.775	30871466	75228345	19.940	18.981
28)	SA Decachlor...	9.120	7.905	41358460	79143994	20.711	20.475
Target Compounds							
2)	A alpha-BHC	4.022	3.275	12433680	27230160	4.539	4.365
3)	MA gamma-BHC...	4.355	3.604	11784129	25237376	4.458	4.270
4)	MA Heptachlor	4.948	3.943	12693866	25967620	5.033	4.691
5)	MB Aldrin	5.292	4.222	11859828	24536561	4.602	4.306
6)	B beta-BHC	4.552	3.900	5363105	13065310	5.121	5.471
7)	B delta-BHC	4.800	4.129	14880500	24053225	5.989	4.155 #
8)	B Heptachlo...	5.718	4.723	11142719	23664703	4.777m	4.698
9)	A Endosulfan I	6.107	5.093	10775883	21963004	4.990	4.762
10)	B gamma-Chl...	5.976	4.973	11223469	23974300	4.955	4.796
11)	B alpha-Chl...	6.056	5.037	11206914	23877100	4.954	4.808
12)	B 4,4'-DDE	6.228	5.225	10601016	21447999	4.845	4.595
13)	MA Dieldrin	6.383	5.357	10664351	23334685	4.769	4.643
14)	MA Endrin	6.614	5.632	9030878	20559954	4.800	4.702
15)	B Endosulfa...	6.833	5.925	10486212	20433478	5.256	4.893
16)	A 4,4'-DDD	6.747	5.779	7760015	17990847	4.851	4.782
17)	MA 4,4'-DDT	7.062	6.029	8039727	16262130	4.763	4.241
18)	B Endrin al...	6.964	6.105	7607349	16318891	5.433	5.227
19)	B Endosulfa...	7.199	6.327	9218262	19680104	5.224	4.936
20)	A Methoxychlor	7.539	6.605	4678755	9772451	5.104	4.809
21)	B Endrin ke...	7.686	6.833	9955678	22707121	5.180	4.995
22)	Mirex	8.162	7.014	8777308	19167325	5.726	5.365

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 13:17
Operator : AR\AJ
Sample : P2403-02
Misc : PEST LOQ 5PPB
ALS Vial : 17 Sample Multiplier: 1

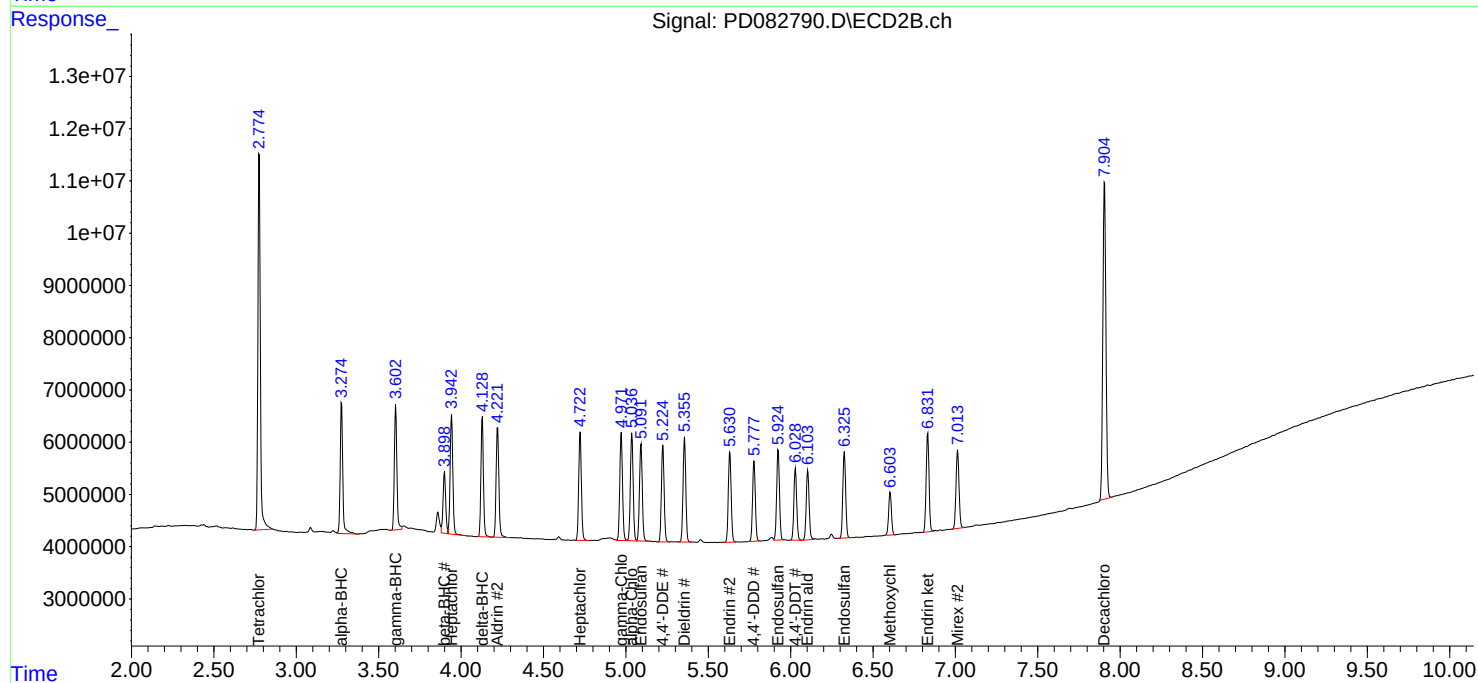
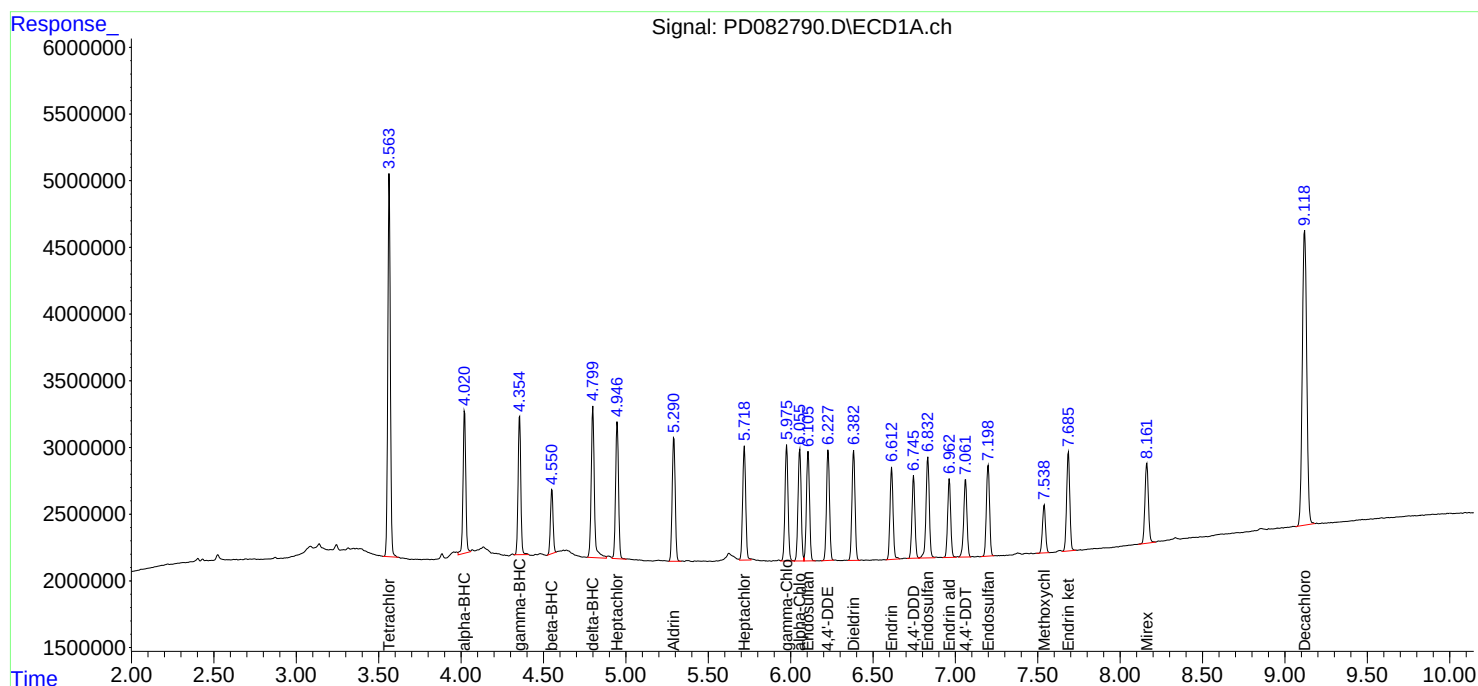
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

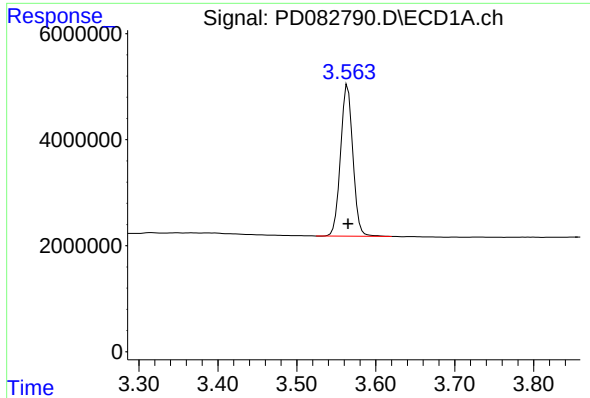
Manual Integrations
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Supervised By : Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:13:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





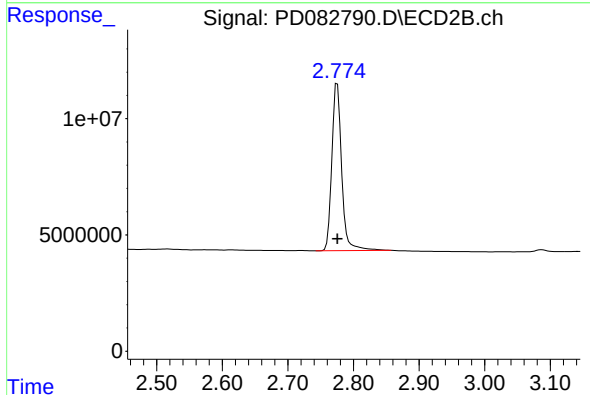
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 30871466
Conc: 19.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

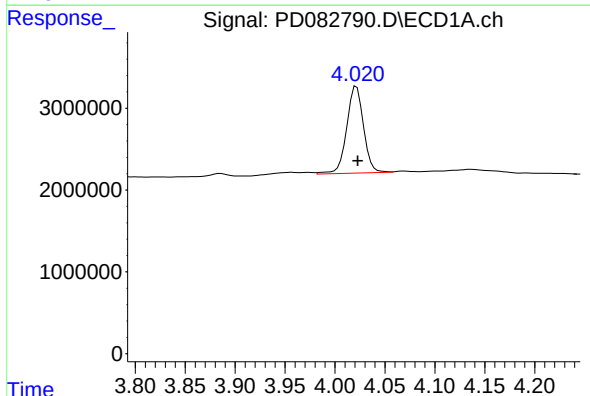
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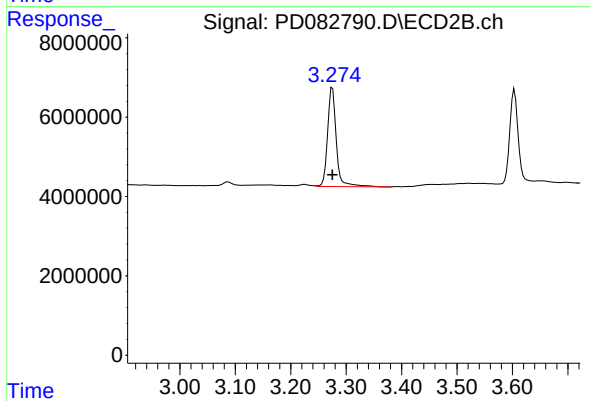
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 75228345
Conc: 18.98 ng/ml



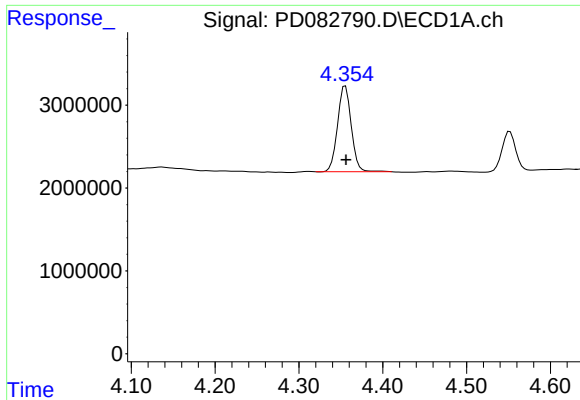
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 12433680
Conc: 4.54 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 27230160
Conc: 4.37 ng/ml



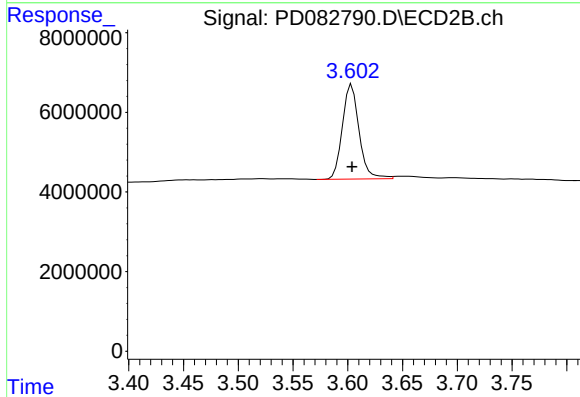
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 11784129
Conc: 4.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

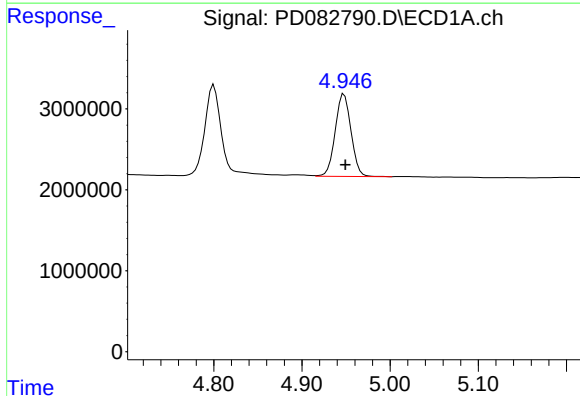
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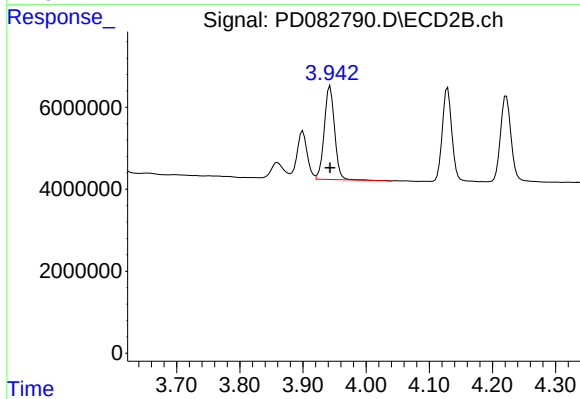
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 25237376
Conc: 4.27 ng/ml



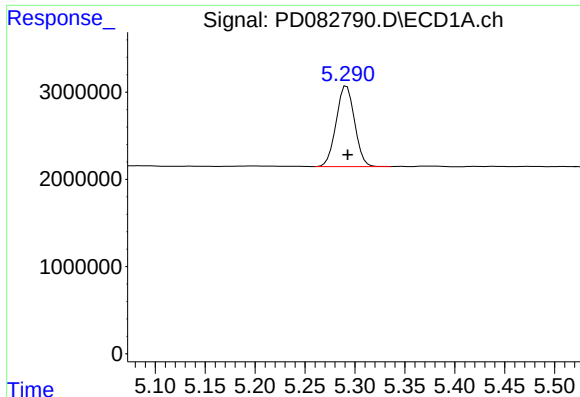
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 12693866
Conc: 5.03 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 25967620
Conc: 4.69 ng/ml



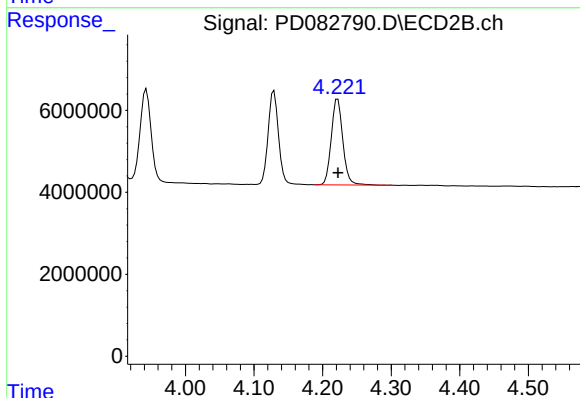
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 11859828
Conc: 4.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
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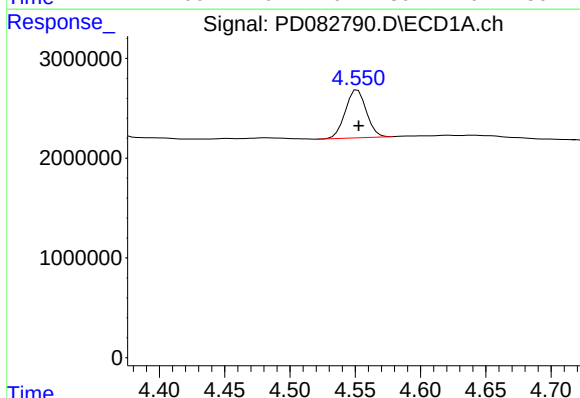
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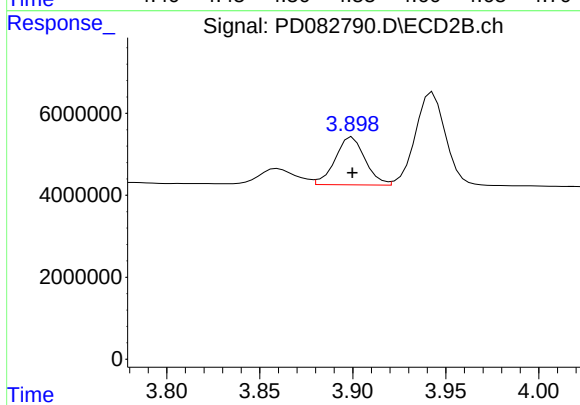
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 24536561
Conc: 4.31 ng/ml



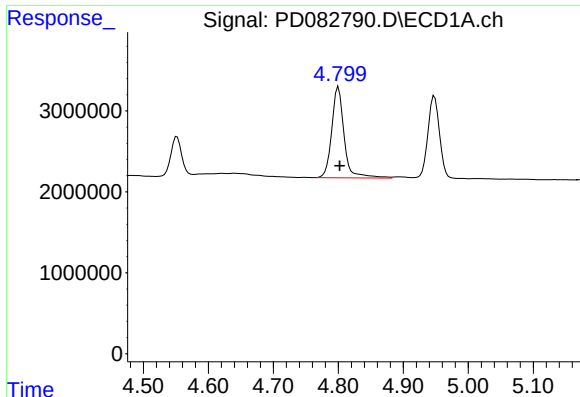
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 5363105
Conc: 5.12 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 13065310
Conc: 5.47 ng/ml



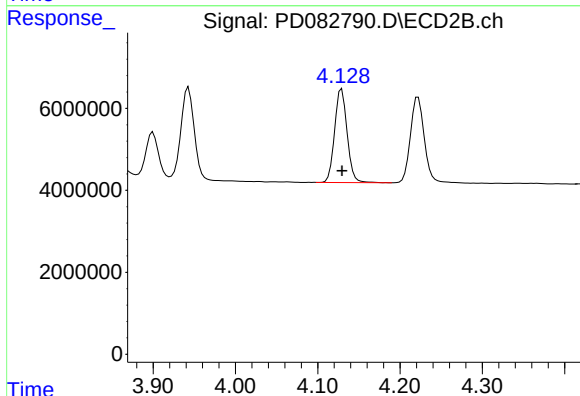
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 14880500
Conc: 5.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

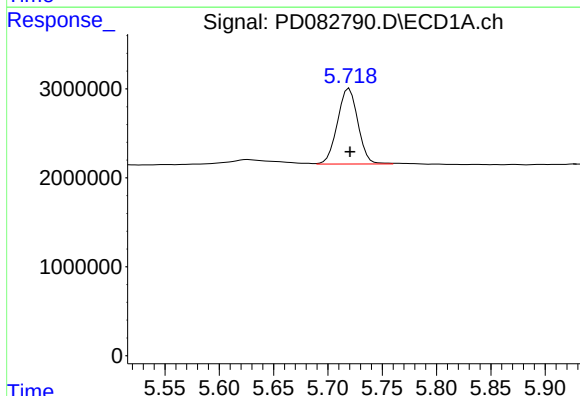
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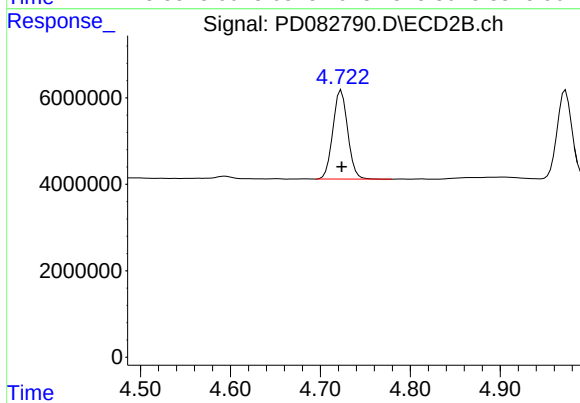
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 24053225
Conc: 4.16 ng/ml



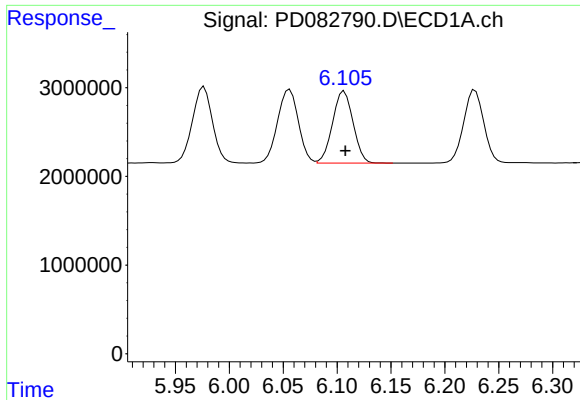
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 11142719
Conc: 4.78 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 23664703
Conc: 4.70 ng/ml



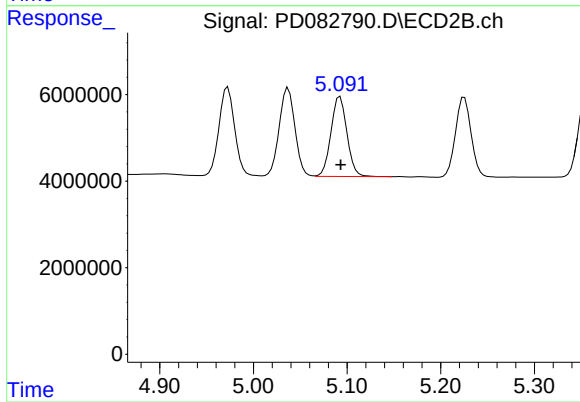
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 10775883
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

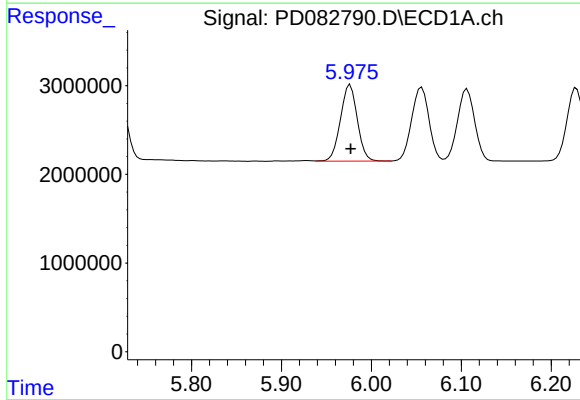
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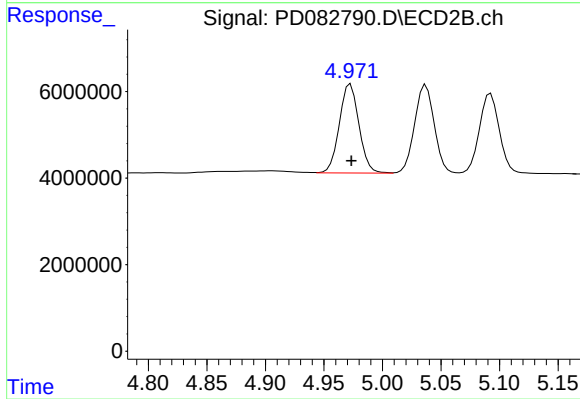
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21963004
Conc: 4.76 ng/ml



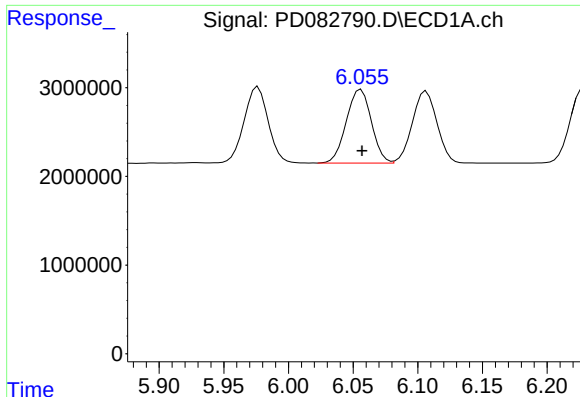
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 11223469
Conc: 4.96 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 23974300
Conc: 4.80 ng/ml



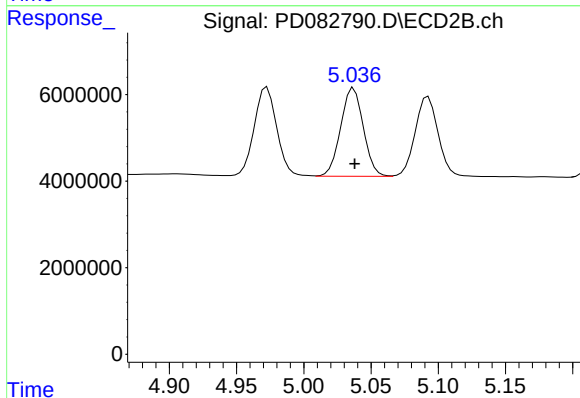
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 11206914
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#11 alpha-Chlordane

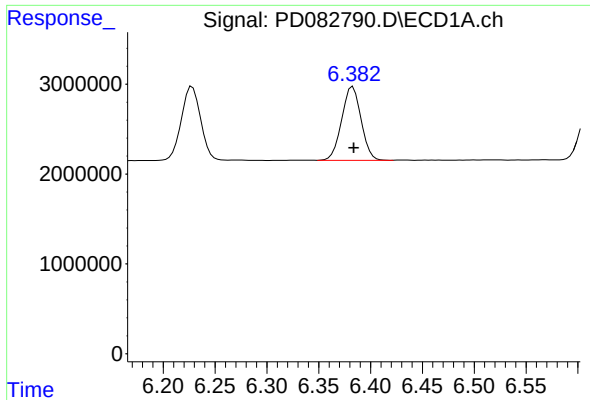
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 23877100
Conc: 4.81 ng/ml

#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 10601016
Conc: 4.85 ng/ml

#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 21447999
Conc: 4.59 ng/ml



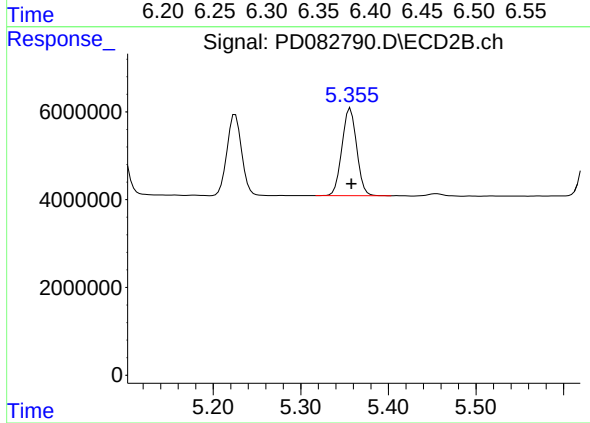
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 10664351
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

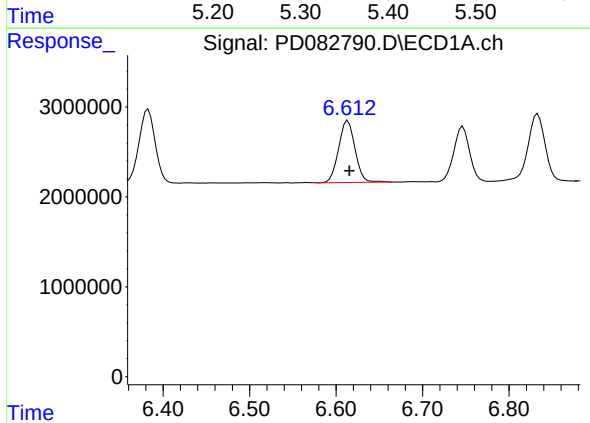
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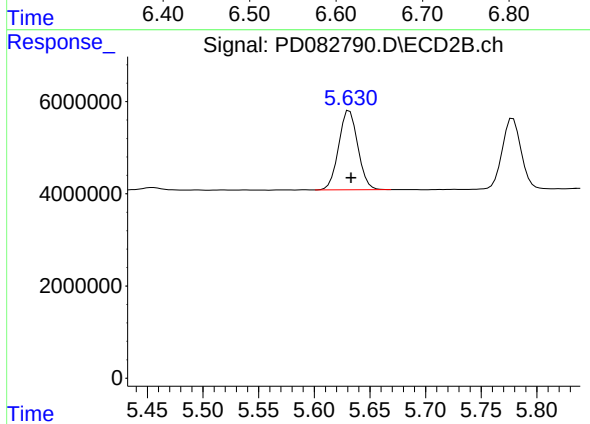
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 23334685
Conc: 4.64 ng/ml



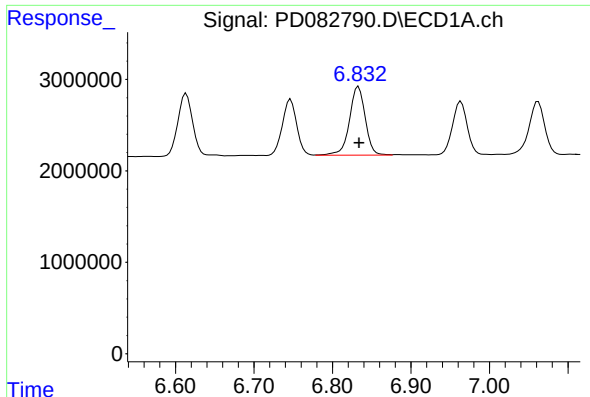
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 9030878
Conc: 4.80 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 20559954
Conc: 4.70 ng/ml



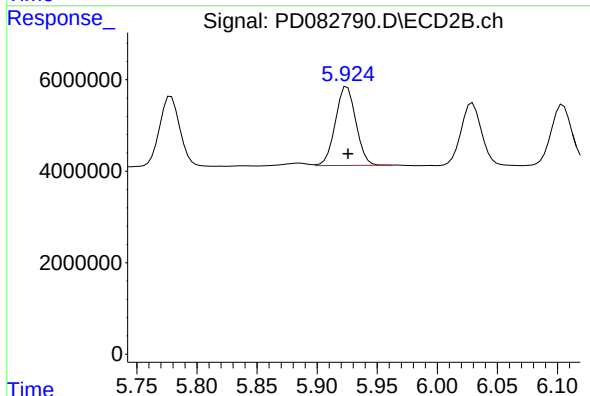
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 10486212
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

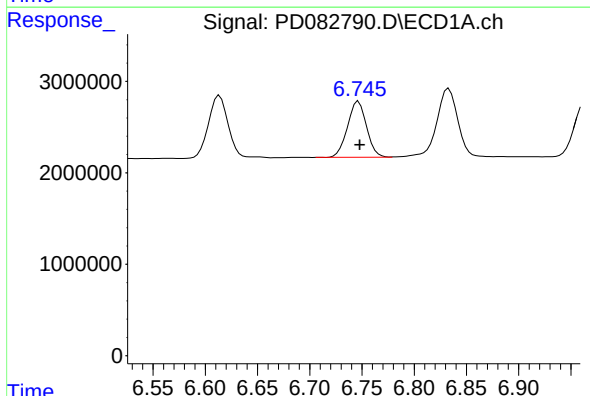
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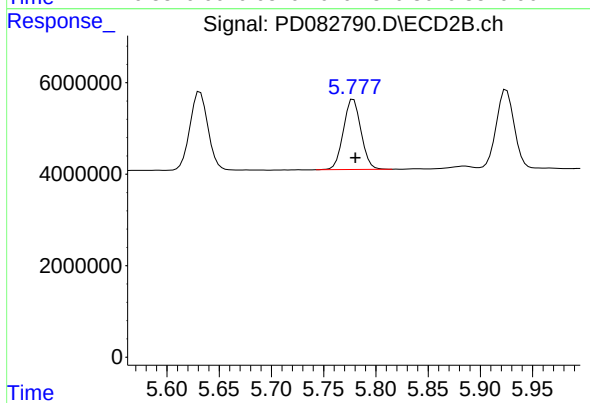
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 20433478
Conc: 4.89 ng/ml



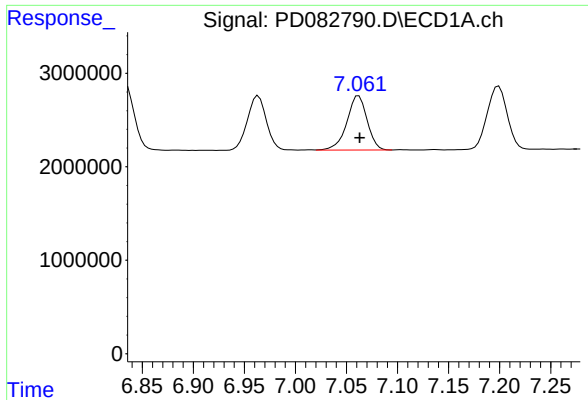
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 7760015
Conc: 4.85 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 17990847
Conc: 4.78 ng/ml



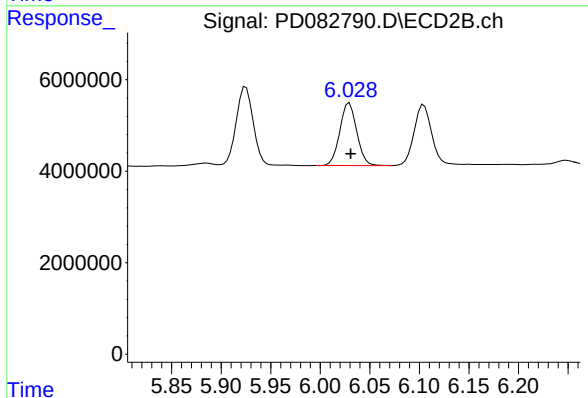
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 8039727
Conc: 4.76 ng/ml

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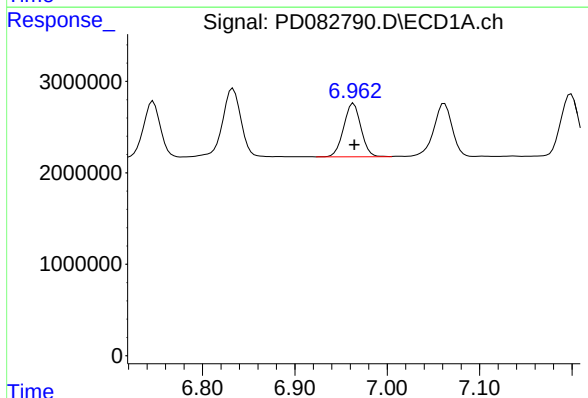
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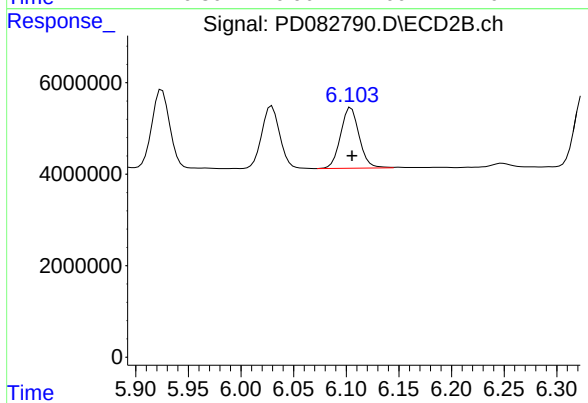
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 16262130
Conc: 4.24 ng/ml



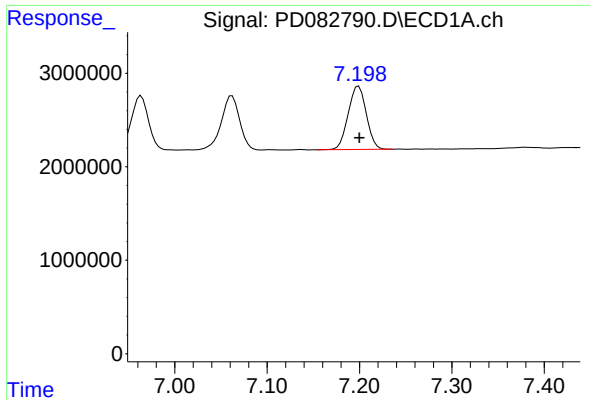
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 7607349
Conc: 5.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 16318891
Conc: 5.23 ng/ml



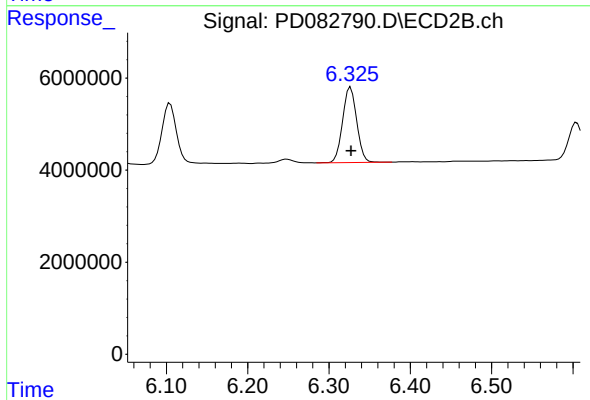
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 9218262
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

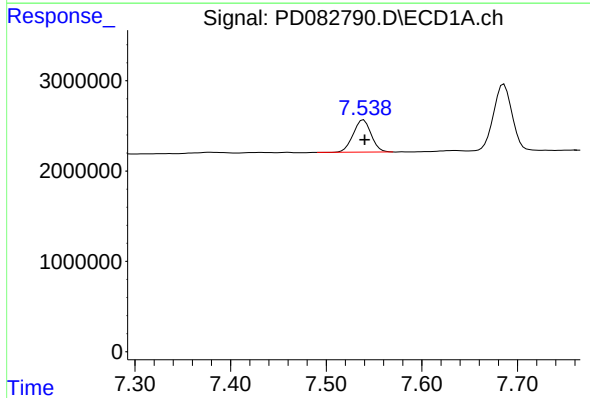
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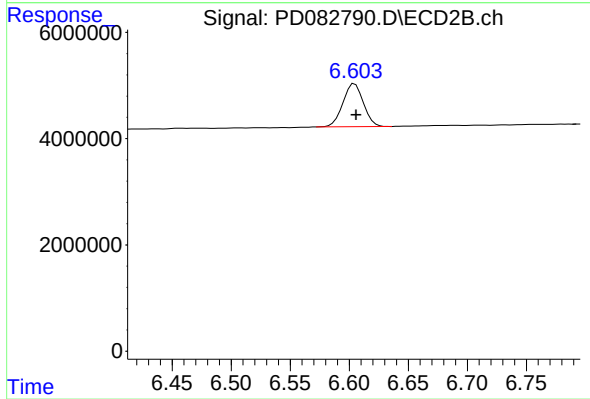
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 19680104
Conc: 4.94 ng/ml



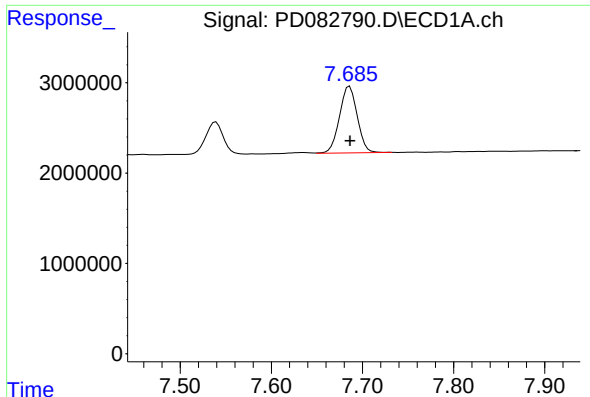
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 4678755
Conc: 5.10 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 9772451
Conc: 4.81 ng/ml



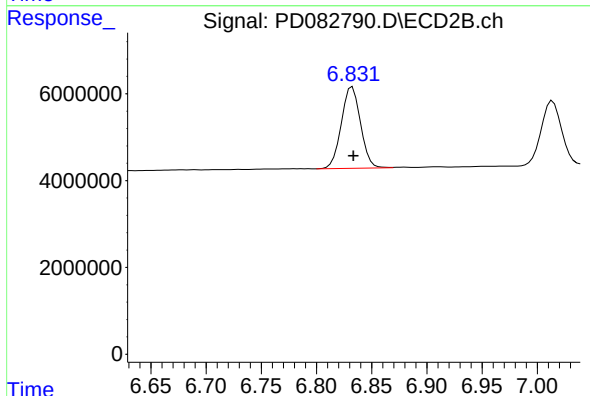
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 9955678
Conc: 5.18 ng/ml

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2024

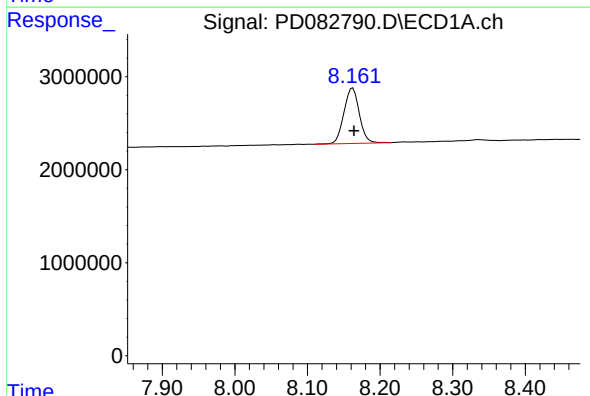
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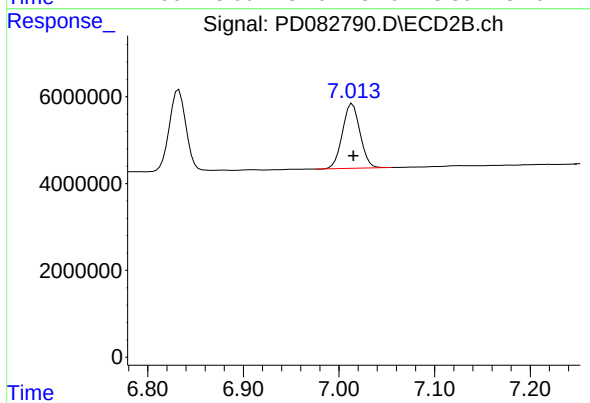
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 22707121
Conc: 5.00 ng/ml



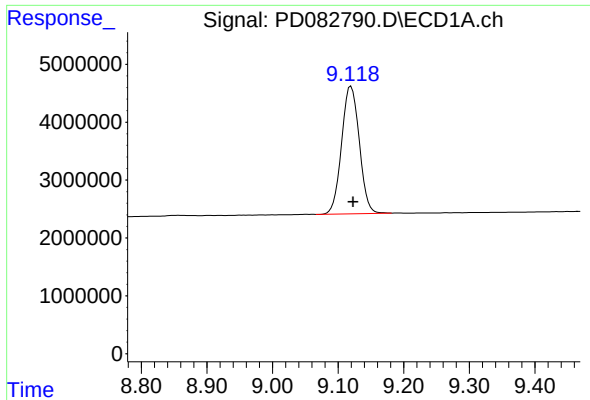
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 8777308
Conc: 5.73 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 19167325
Conc: 5.36 ng/ml



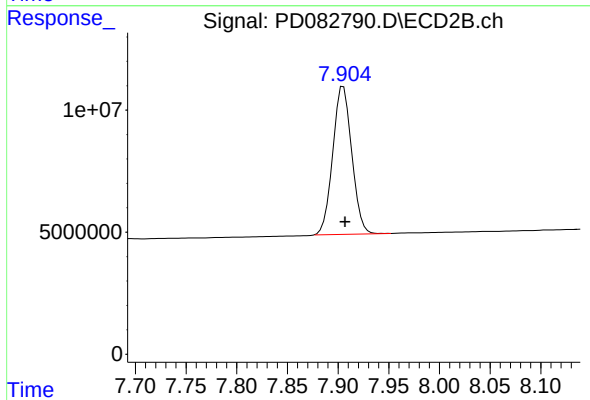
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.003 min
Response: 41358460
Conc: 20.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 79143994
Conc: 20.48 ng/ml