

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 10:18
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-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 21:58:07 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...	3.565	2.775	29871357	73378793	19.294	18.515
28)	SA Decachlor...	9.122	7.906	40009191	76368561	20.035	19.757
Target Compounds							
2)	A alpha-BHC	4.022	3.275	2364656	4999597	0.863	0.801
3)	MA gamma-BHC...	4.356	3.603	2260613	5102709	0.855	0.863
4)	MA Heptachlor	4.949	3.942	2596192	4907999	1.029	0.887
5)	MB Aldrin	5.293	4.222	2420406	4747016	0.939	0.833
6)	B beta-BHC	4.553	3.899	1041723	2657436	0.995	1.113
7)	B delta-BHC	4.799	4.129	3410157	4510315	1.372m	0.779 #
8)	B Heptachlo...	5.719	4.723	2438002	4688608	1.045m	0.931
9)	A Endosulfan I	6.108	5.093	2275535	4170969	1.054	0.904
10)	B gamma-Chl...	5.977	4.973	2462365	4679290	1.087	0.936
11)	B alpha-Chl...	6.058	5.037	2445046	4536997	1.081	0.914
12)	B 4,4'-DDE	6.229	5.225	2251238	4064089	1.029	0.871
13)	MA Dieldrin	6.384	5.357	2231029	4441450	0.998	0.884
14)	MA Endrin	6.615	5.632	1748329	3867498	0.929	0.884
15)	B Endosulfa...	6.834	5.925	2621032	3897318	1.314	0.933 #
16)	A 4,4'-DDD	6.748	5.778	1524238	3438407	0.953	0.914m
17)	MA 4,4'-DDT	7.063	6.030	1522342	2825109	0.902	0.737
18)	B Endrin al...	6.965	6.105	1602187	3340238	1.144	1.070
19)	B Endosulfa...	7.200	6.327	1921971	3982802	1.089	0.999
20)	A Methoxychlor	7.538	6.605	925035	1875416	1.009m	0.923
21)	B Endrin ke...	7.687	6.833	1985232	3981711	1.033	0.876
22)	Mirex	8.164	7.014	1825722	3528043	1.191	0.987

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 10:18
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

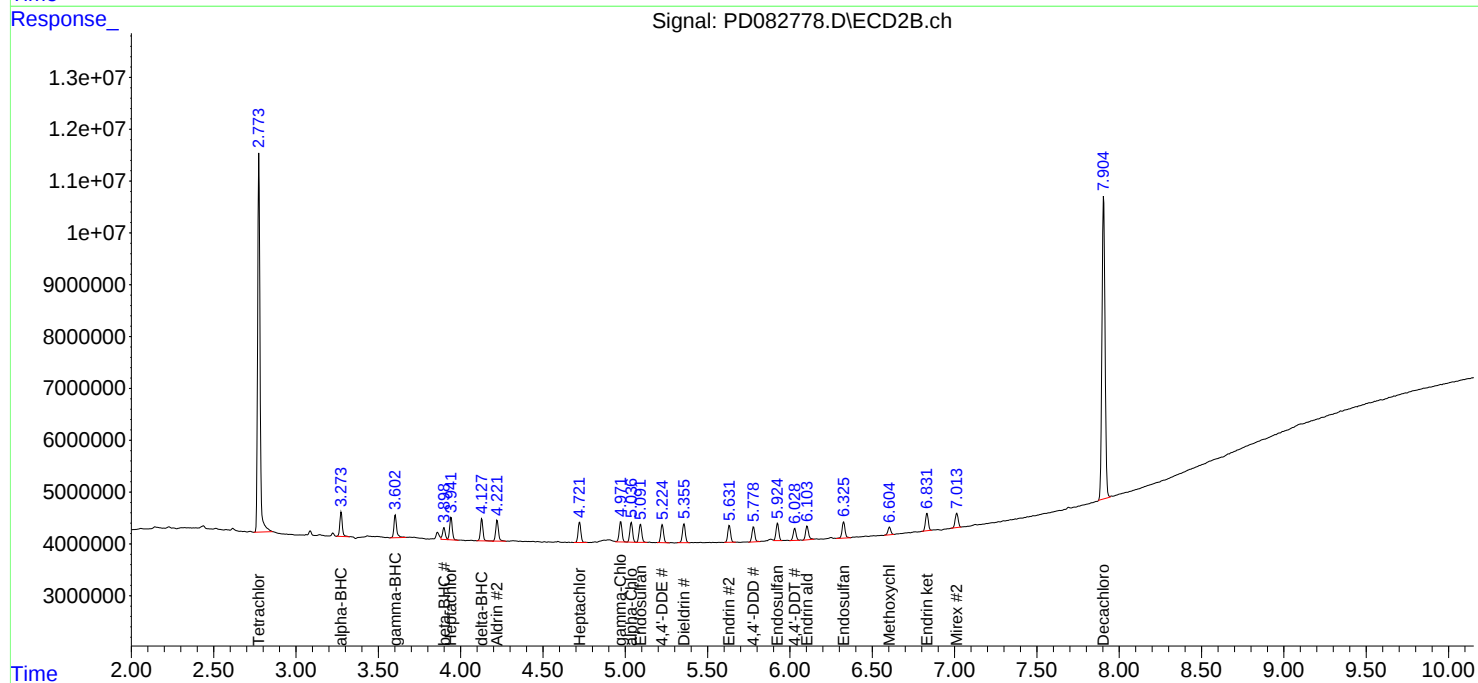
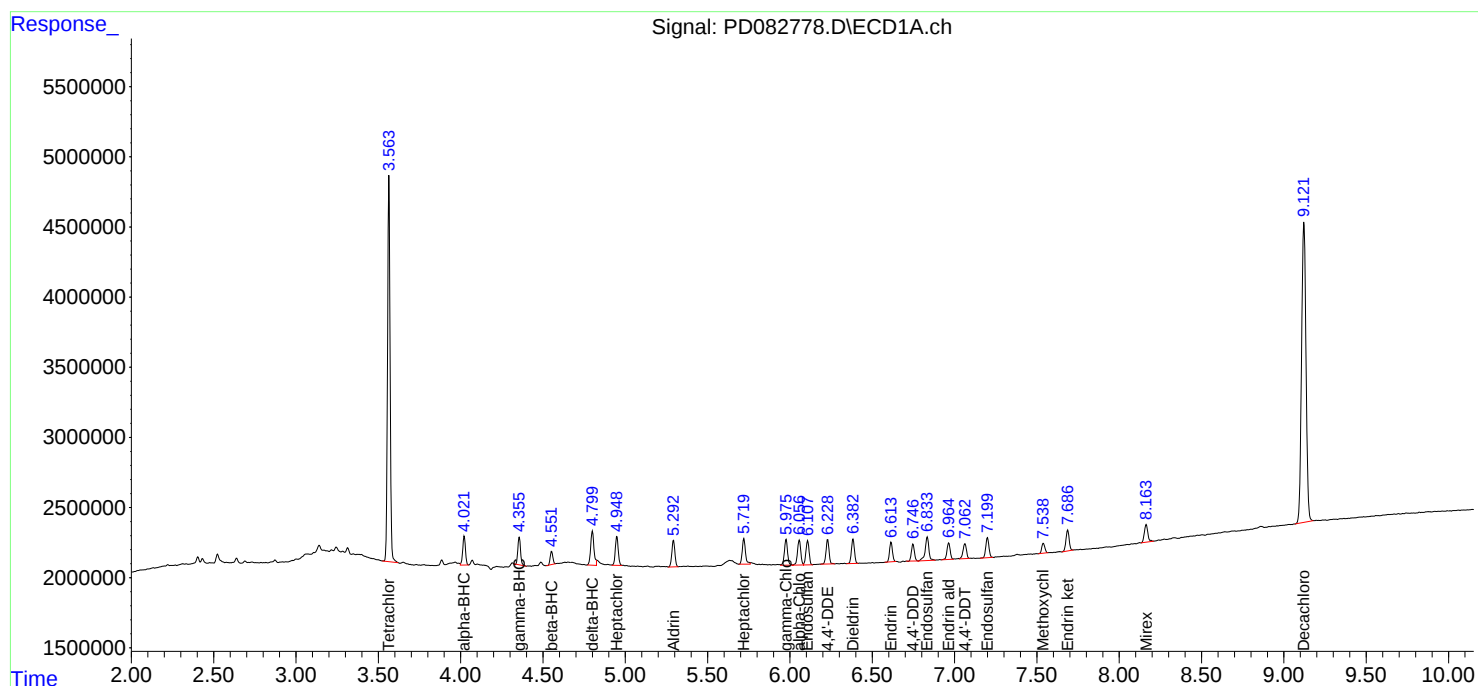
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

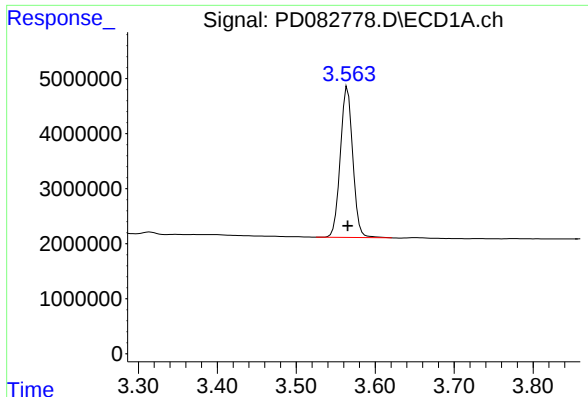
Manual Integrations
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Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 21:58:07 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





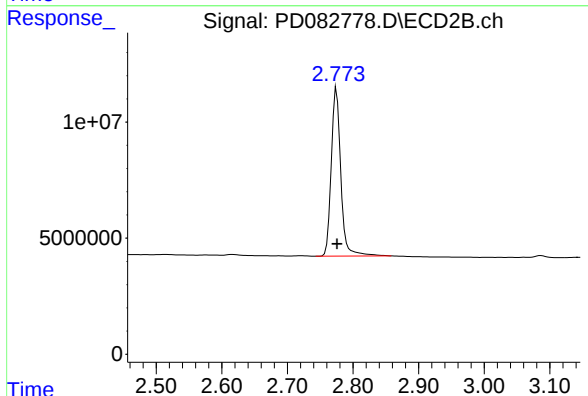
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29871357
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

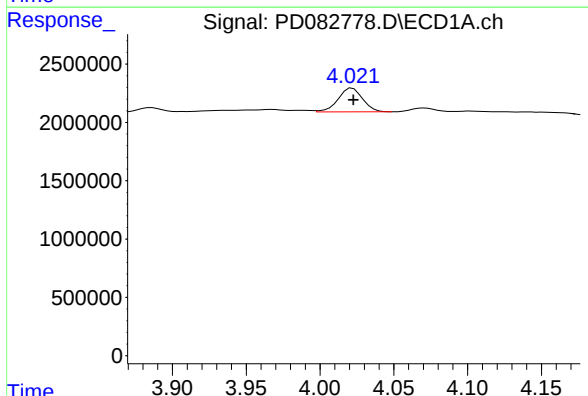
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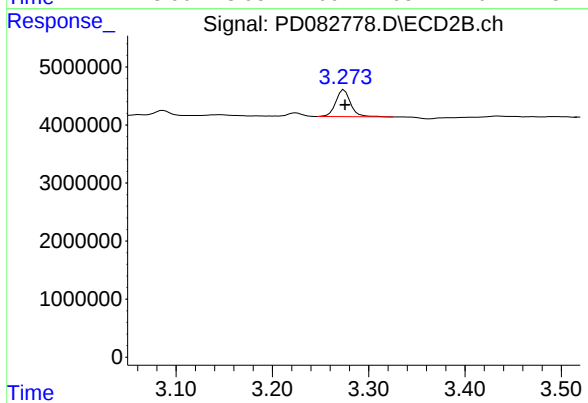
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 73378793
Conc: 18.51 ng/ml



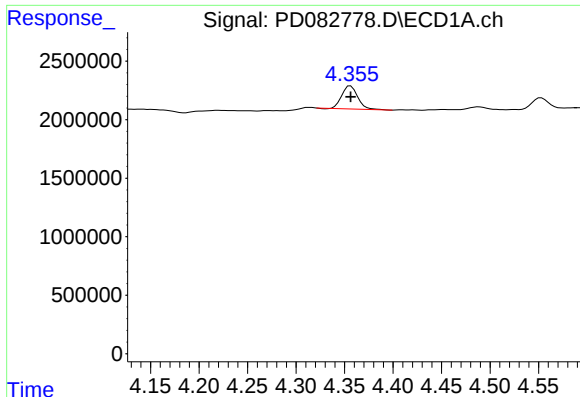
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 2364656
Conc: 0.86 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 4999597
Conc: 0.80 ng/ml



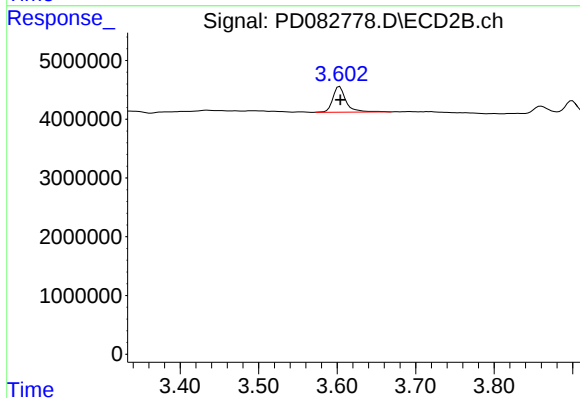
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2260613
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

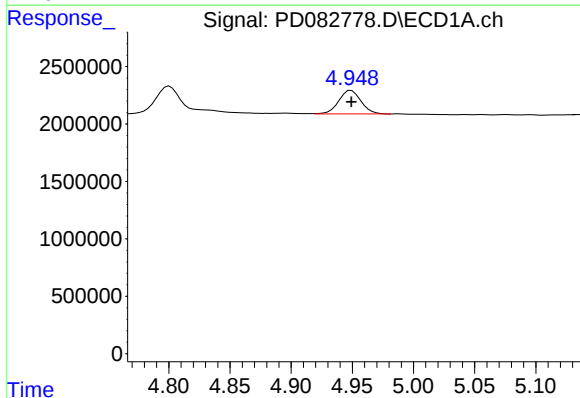
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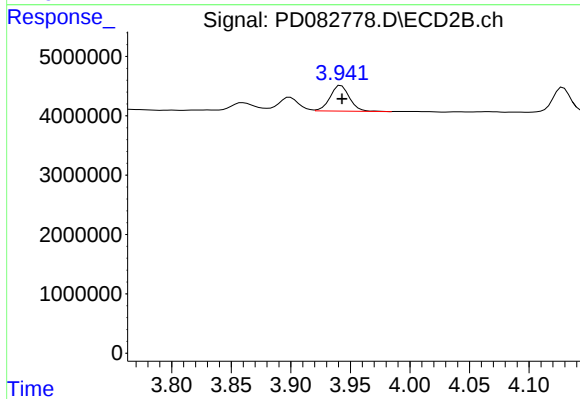
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 5102709
Conc: 0.86 ng/ml



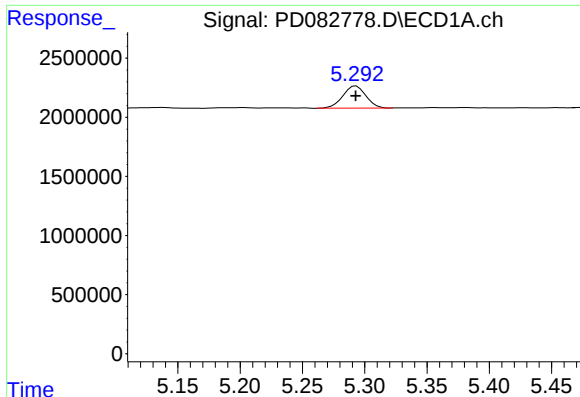
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2596192
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 4907999
Conc: 0.89 ng/ml



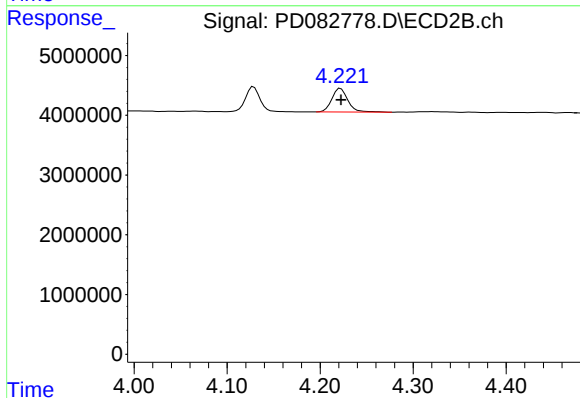
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2420406
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

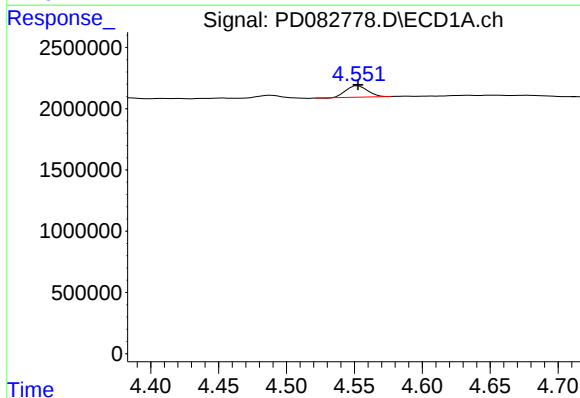
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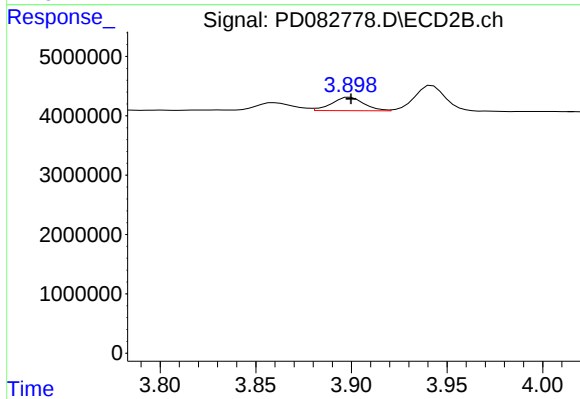
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 4747016
Conc: 0.83 ng/ml



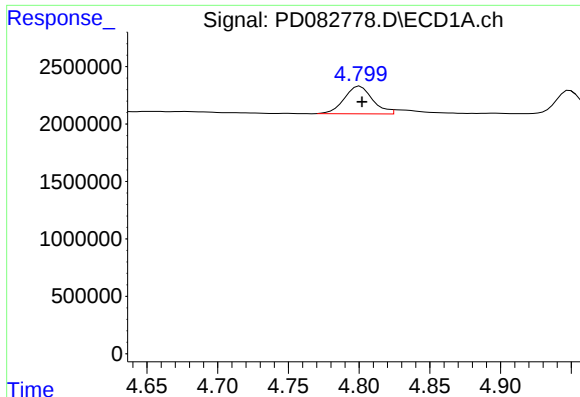
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1041723
Conc: 0.99 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 2657436
Conc: 1.11 ng/ml



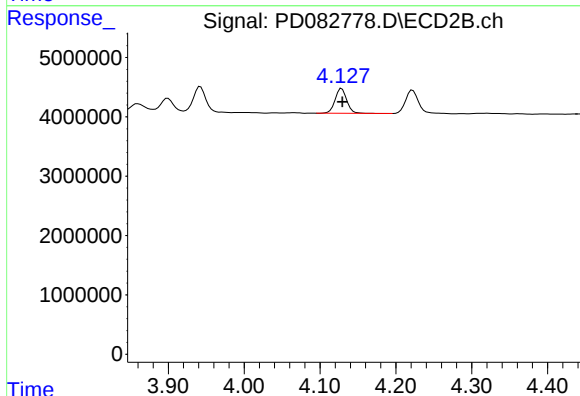
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 3410157
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

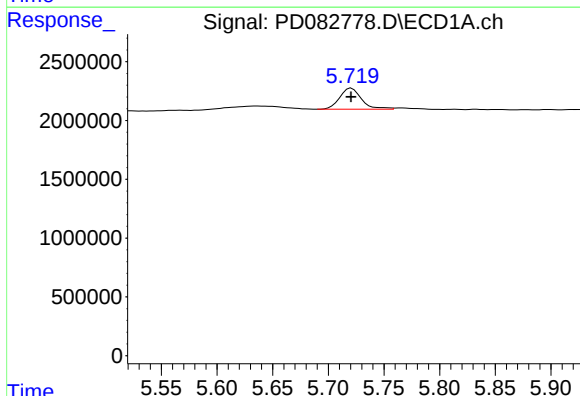
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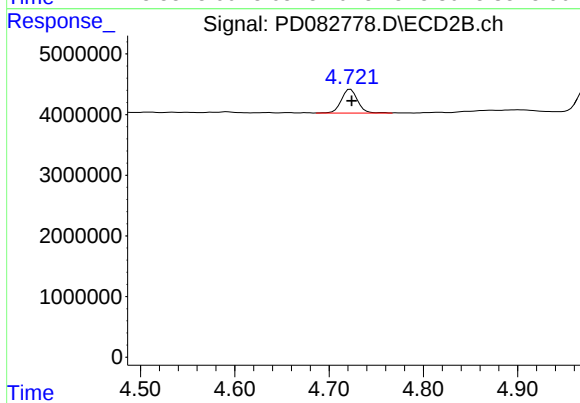
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4510315
Conc: 0.78 ng/ml



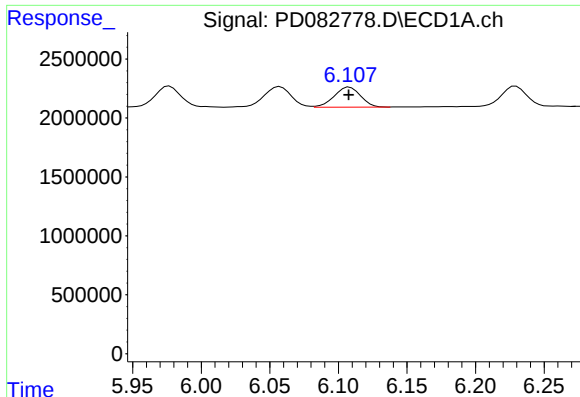
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 2438002
Conc: 1.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 4688608
Conc: 0.93 ng/ml



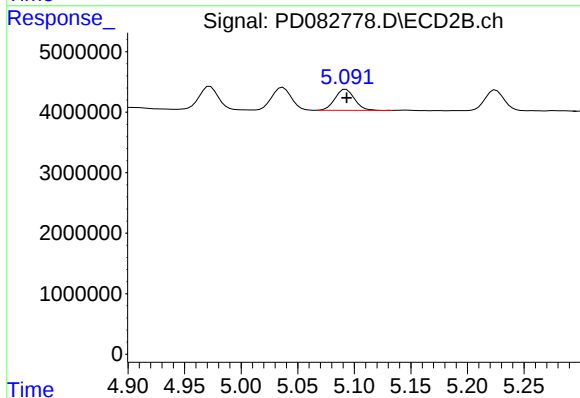
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2275535
Conc: 1.05 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT2-2024

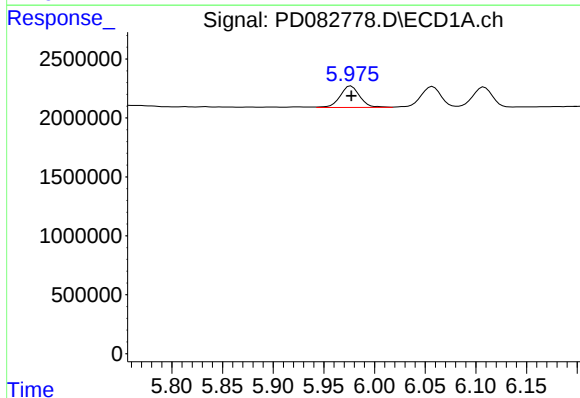
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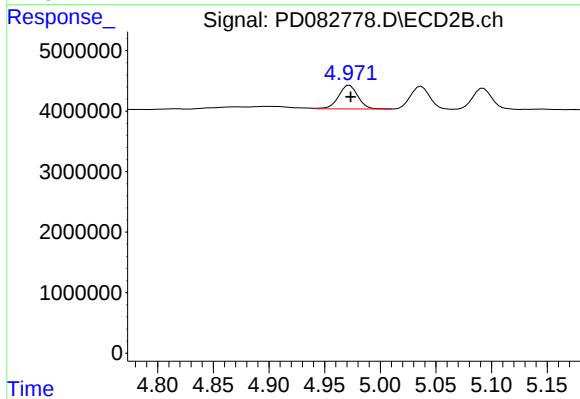
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 4170969
Conc: 0.90 ng/ml



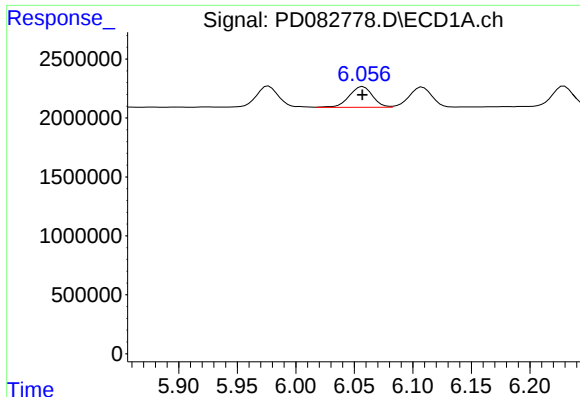
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2462365
Conc: 1.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 4679290
Conc: 0.94 ng/ml



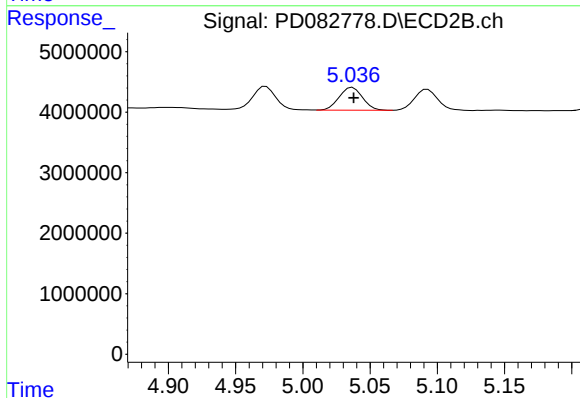
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 2445046
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

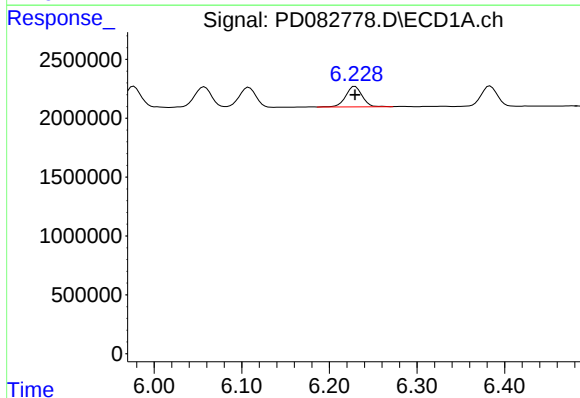
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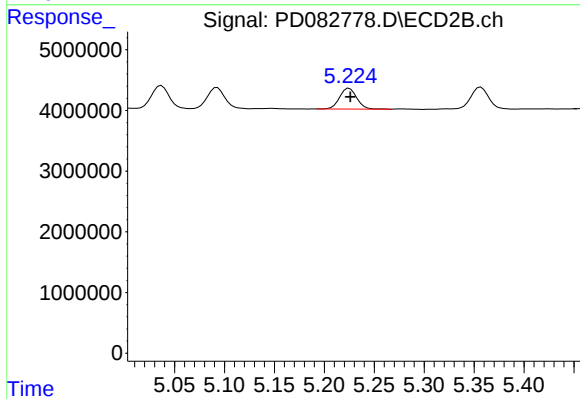
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4536997
Conc: 0.91 ng/ml



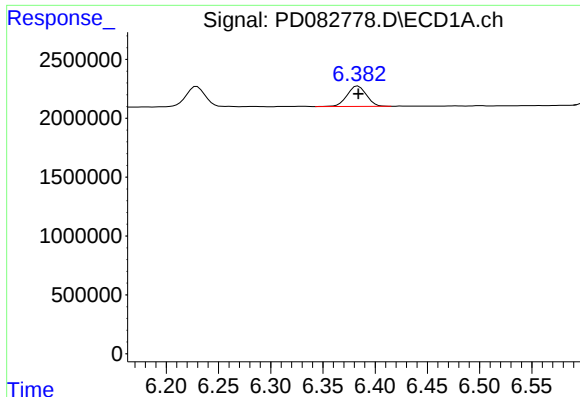
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 2251238
Conc: 1.03 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 4064089
Conc: 0.87 ng/ml



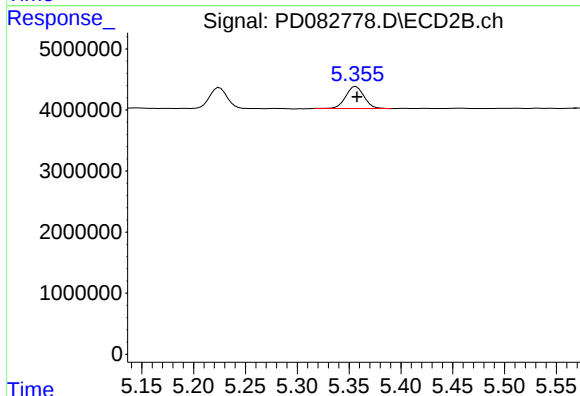
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2231029
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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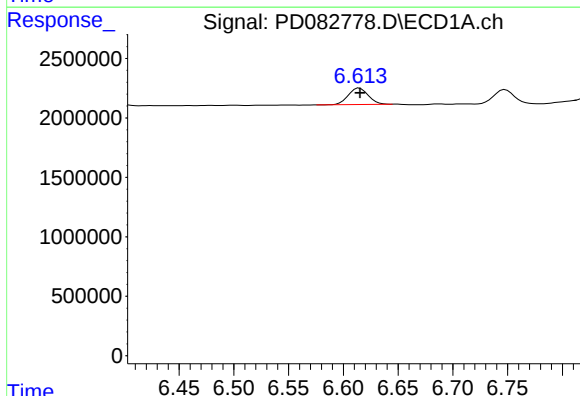
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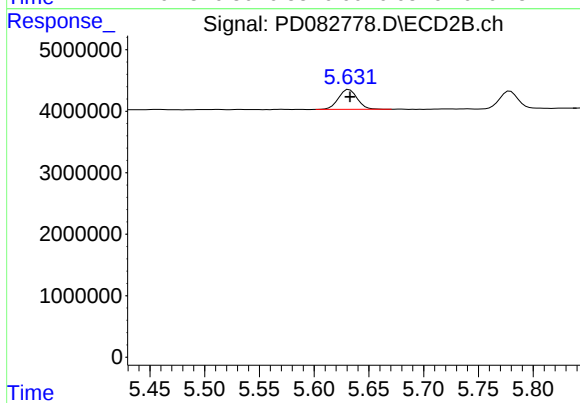
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 4441450
Conc: 0.88 ng/ml



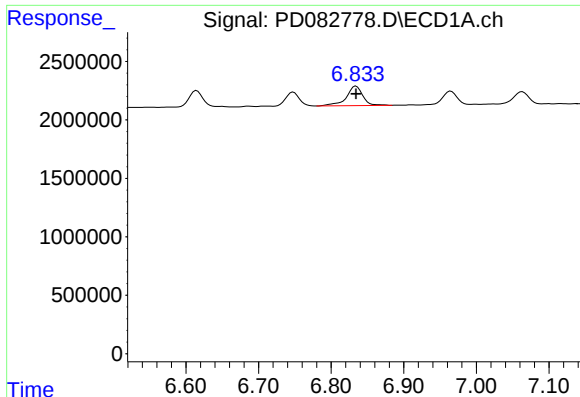
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 1748329
Conc: 0.93 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 3867498
Conc: 0.88 ng/ml



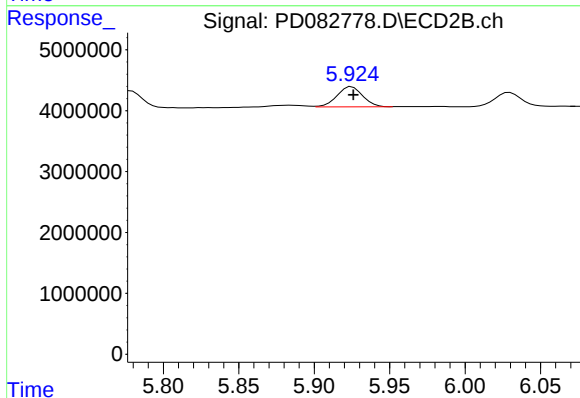
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 2621032
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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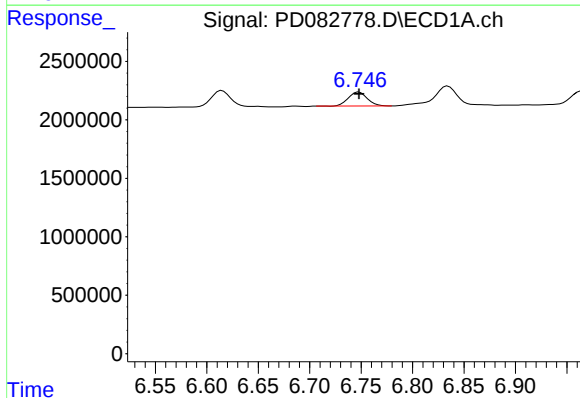
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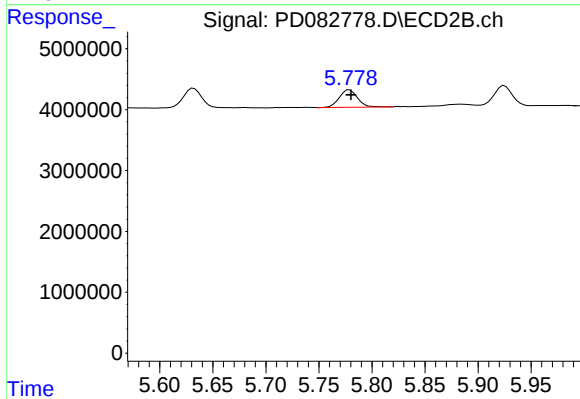
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3897318
Conc: 0.93 ng/ml



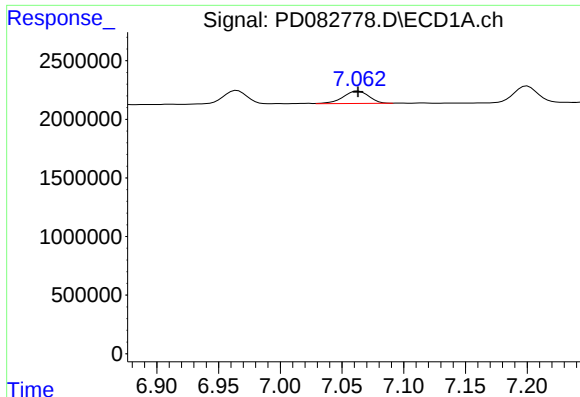
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 1524238
Conc: 0.95 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 3438407
Conc: 0.91 ng/ml m



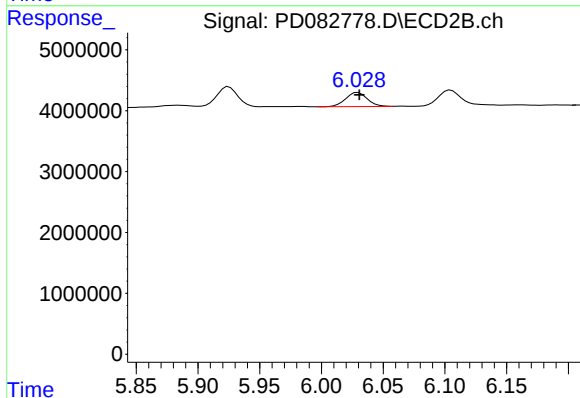
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 1522342
Conc: 0.90 ng/ml

Instrument :
ECD_D
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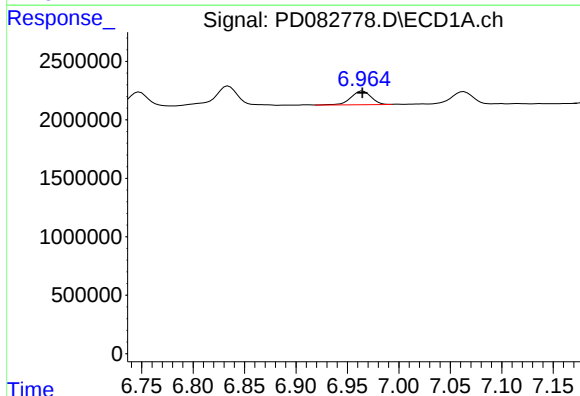
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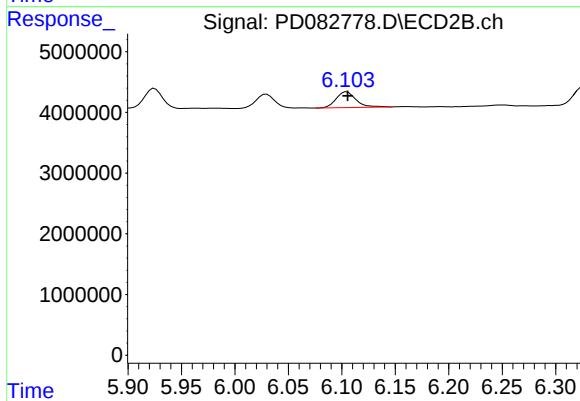
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 2825109
Conc: 0.74 ng/ml



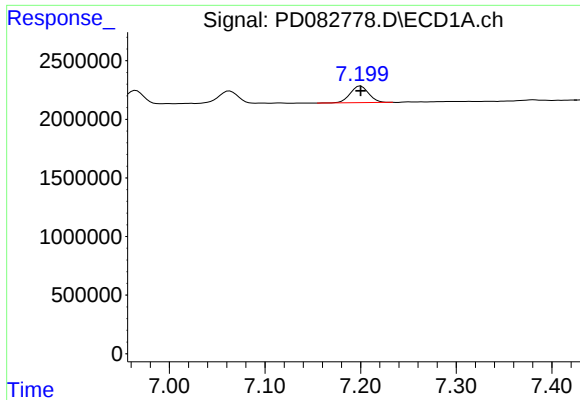
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1602187
Conc: 1.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3340238
Conc: 1.07 ng/ml



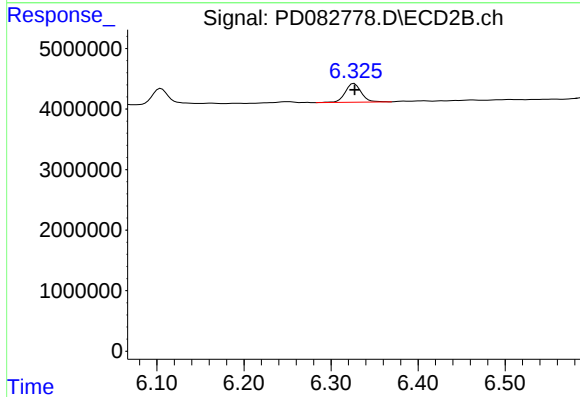
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 1921971
Conc: 1.09 ng/ml

Instrument :
ECD_D
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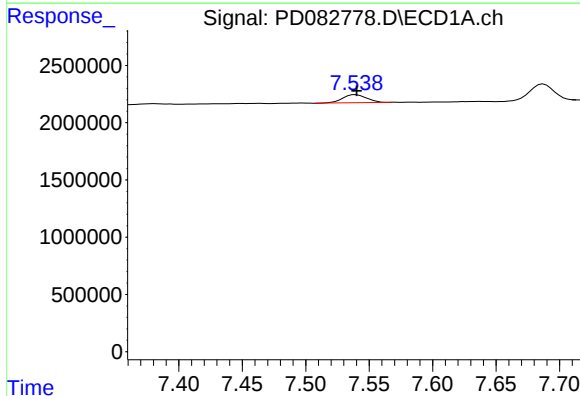
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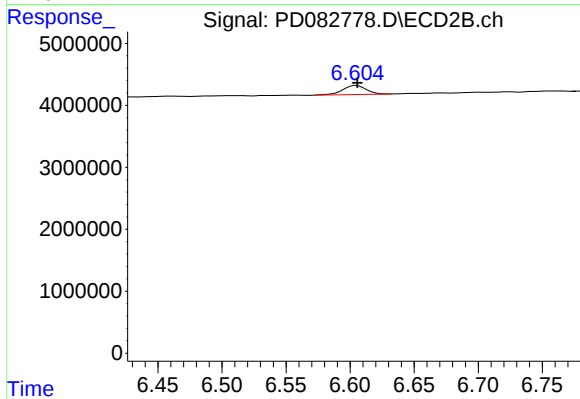
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 3982802
Conc: 1.00 ng/ml



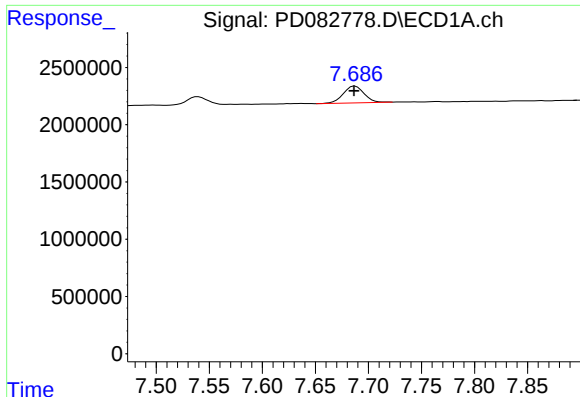
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 925035
Conc: 1.01 ng/ml m



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 1875416
Conc: 0.92 ng/ml



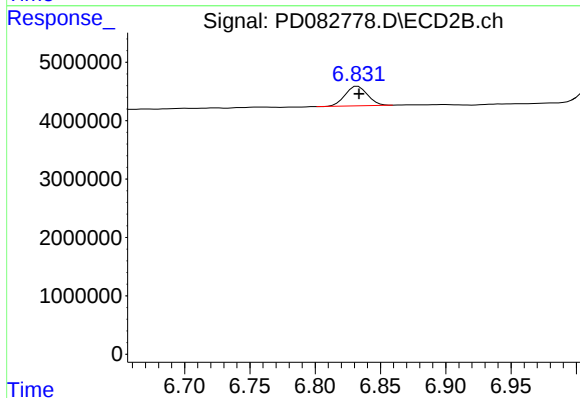
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 1985232
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

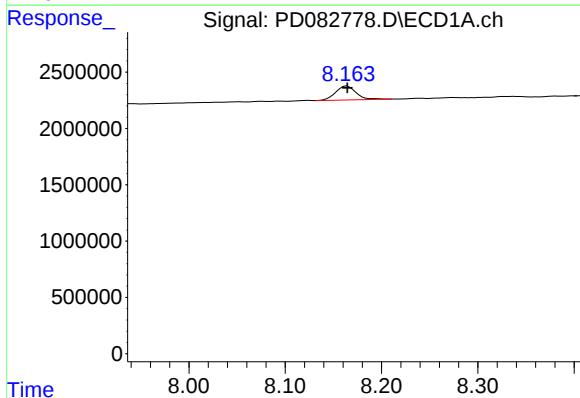
Manual Integrations
APPROVED

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



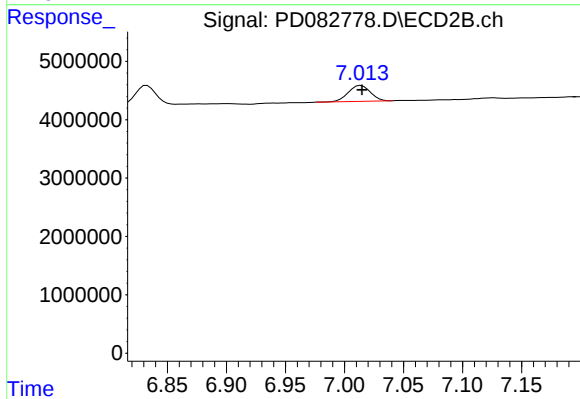
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 3981711
Conc: 0.88 ng/ml



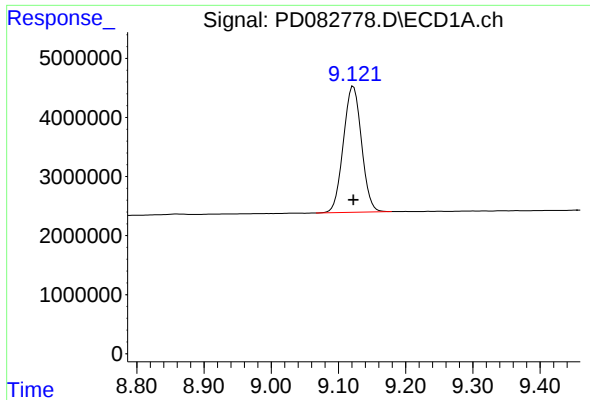
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 1825722
Conc: 1.19 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 3528043
Conc: 0.99 ng/ml



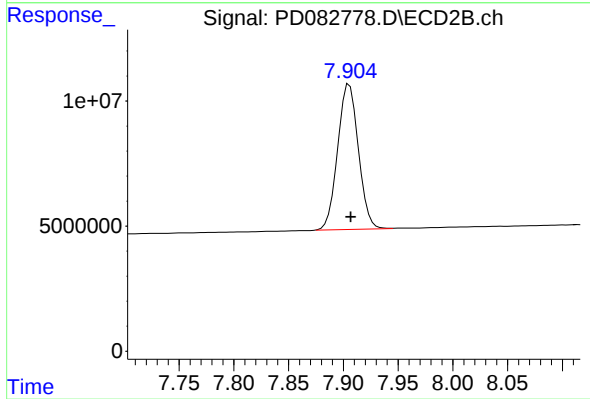
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 40009191
Conc: 20.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 76368561
Conc: 19.76 ng/ml