

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020623\
 Data File : PD073831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 11:11
 Operator : AR\AJ
 Sample : 01378-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Manual Integrations
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Reviewed By : Abdul Mirza 02/07/2023
 Supervised By : Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:23:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012523CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 25 02:23:06 2023
 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

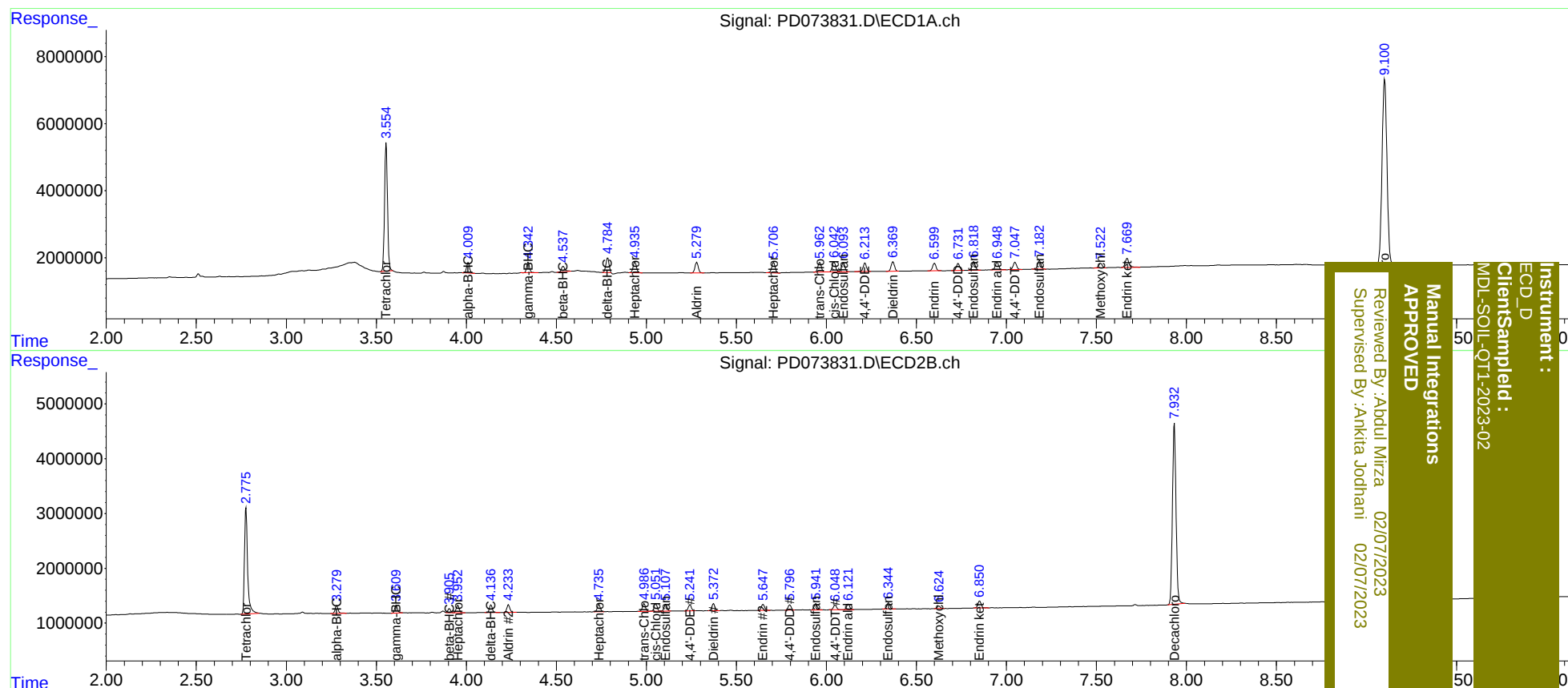
System Monitoring Compounds						
1) SA Tetrachlo...	3.555	2.776	43720889	23510300	18.462	18.521
27) SA Decachlor...	9.101	7.932	104.8E6	45473056	37.979	37.783m
Target Compounds						
2) A alpha-BHC	4.011	3.280	3527784	1672143	0.926	0.944
3) MA gamma-BHC...	4.344	3.610	3569579	1586522	0.980	0.944
4) MA Heptachlor	4.937	3.953	4124230	1537503	1.133	1.019
5) MB Aldrin	5.280	4.234	4048135	1712047	1.132	1.009
6) B beta-BHC	4.538	3.906	2198240	815217	1.309	0.997
7) B delta-BHC	4.784	4.137	5350492	1615667	1.637m	0.931 #
8) B Heptachlo...	5.707	4.737	4215047	1534291	1.296	0.985
9) A Endosulfan I	6.094	5.108	3660088	1460436	1.193	1.018
10) B trans-Chl...	5.963	4.988	3837840	1632275	1.192	1.045
11) B cis-Chlor...	6.043	5.053	3929754	1640712	1.179	1.021
12) B 4,4'-DDE	6.215	5.243	3302612	1336861	1.048	0.910
13) MA Dieldrin	6.370	5.373	3695038	1531538	1.100	0.984
14) MA Endrin	6.600	5.649	2979212	1336388	1.065	1.038
15) B Endosulfa...	6.818	5.941	3440781	1427159	1.164m	1.037m
16) A 4,4'-DDD	6.732	5.796	2694701	1132176	1.059	0.939m
17) MA 4,4'-DDT	7.048	6.049	2973183	1065332	1.089	0.902
18) B Endrin al...	6.949	6.122	3034543	1214464	1.269	1.112
19) B Endosulfa...	7.184	6.345	3374048	1330872	1.214	1.058
20) A Methoxychlor	7.524	6.624	1804268	582287	1.212	1.056m
21) B Endrin ke...	7.671	6.852	3894797	1617884	1.222	1.076

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020623\
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Acq On : 06 Feb 2023 11:11
Operator : AR\AJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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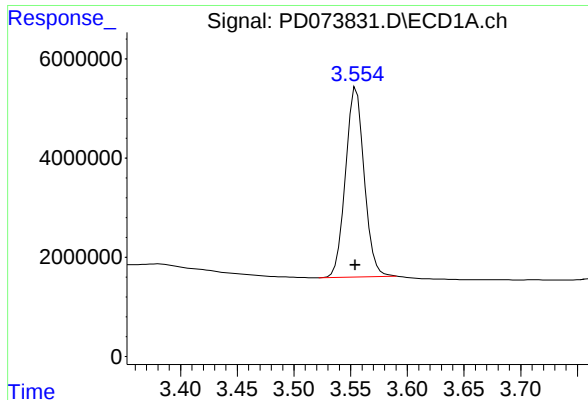
Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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Instrument :
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Client Sample :
MDL-SOIL-QT1-2023-02



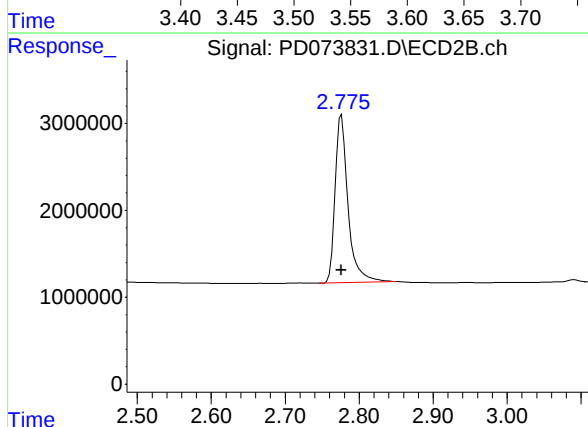
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 43720889
Conc: 18.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2023-02

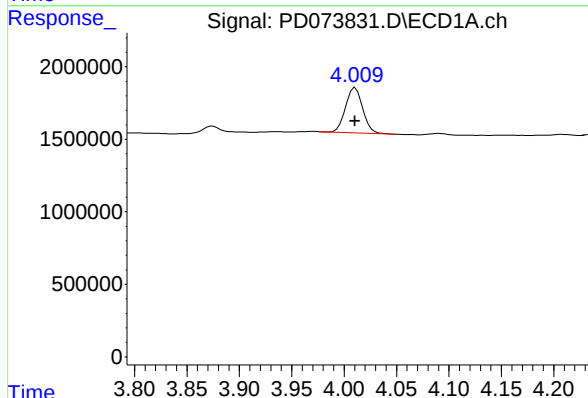
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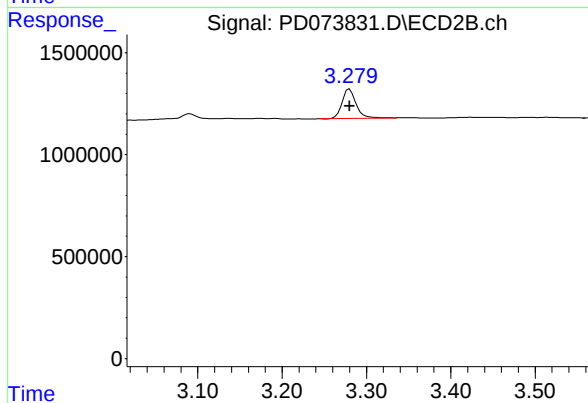
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 23510300
Conc: 18.52 ng/ml



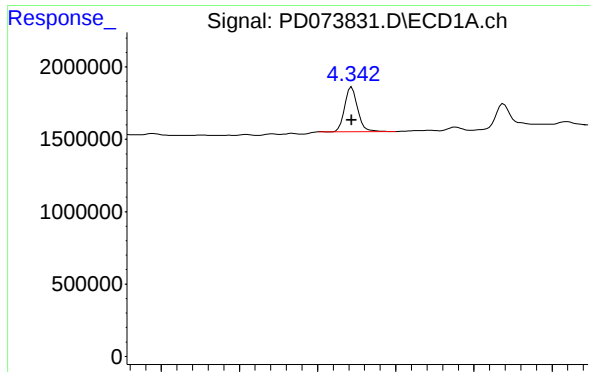
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 3527784
Conc: 0.93 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 1672143
Conc: 0.94 ng/ml



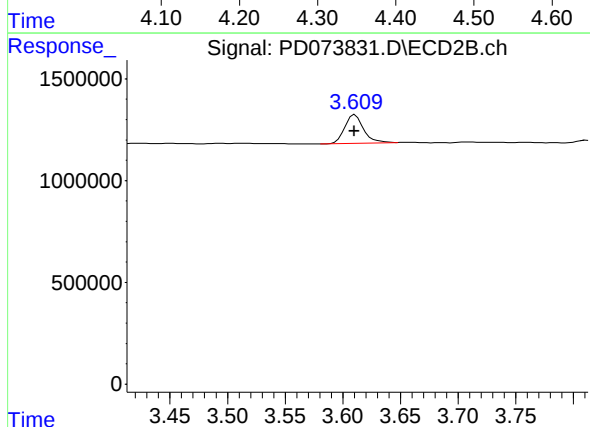
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 3569579
Conc: 0.98 ng/ml

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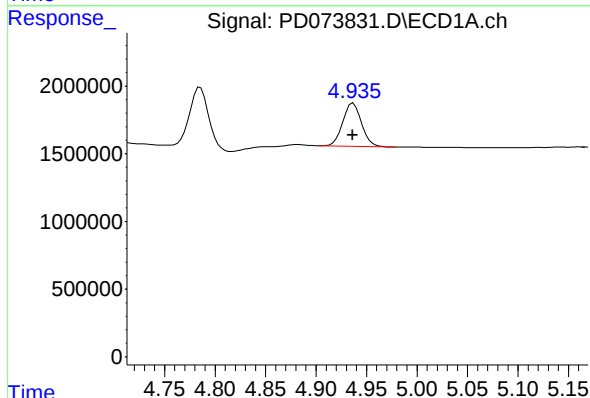
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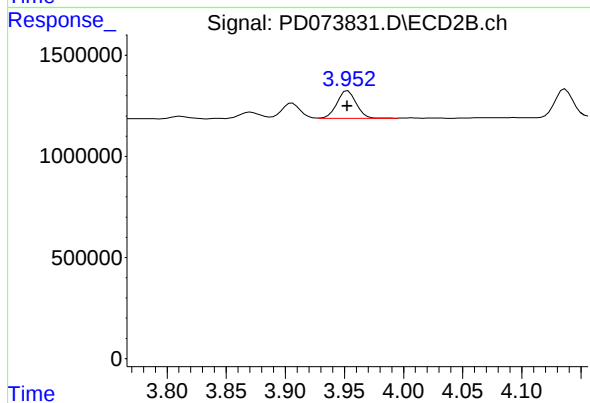
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 1586522
Conc: 0.94 ng/ml



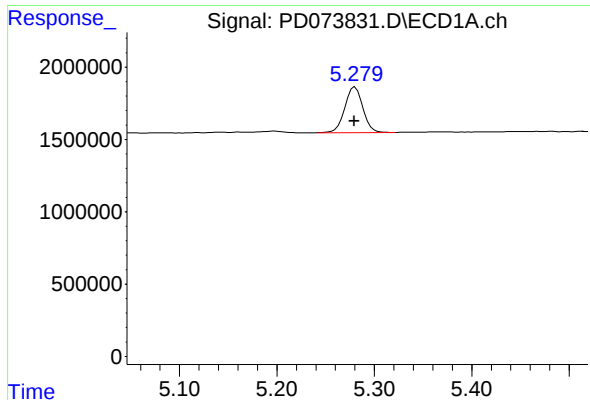
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 4124230
Conc: 1.13 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 1537503
Conc: 1.02 ng/ml



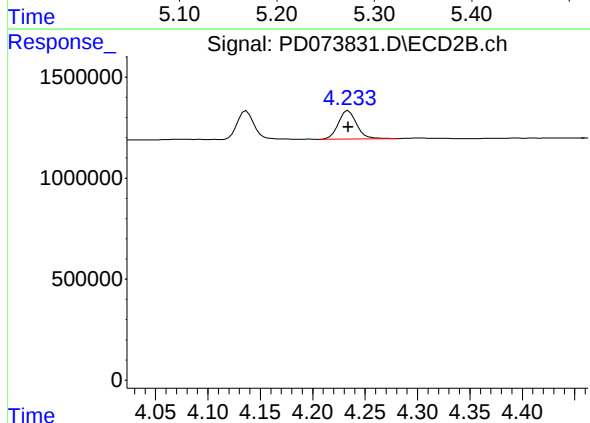
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 4048135
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
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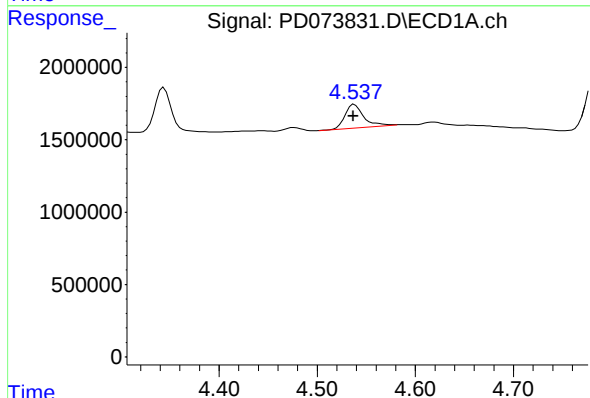
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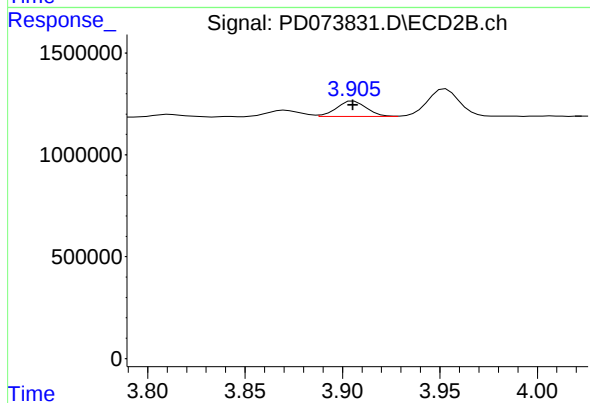
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: 0.000 min
Response: 1712047
Conc: 1.01 ng/ml



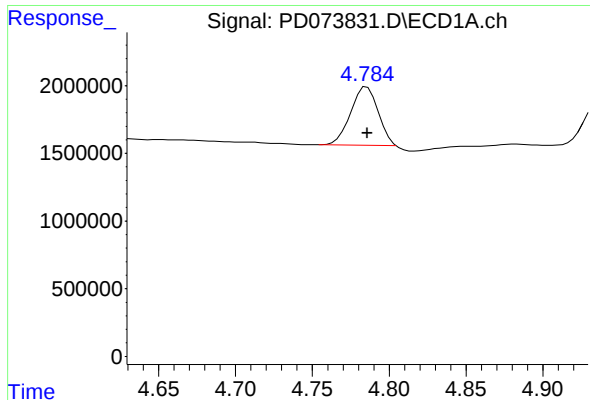
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.001 min
Response: 2198240
Conc: 1.31 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 815217
Conc: 1.00 ng/ml



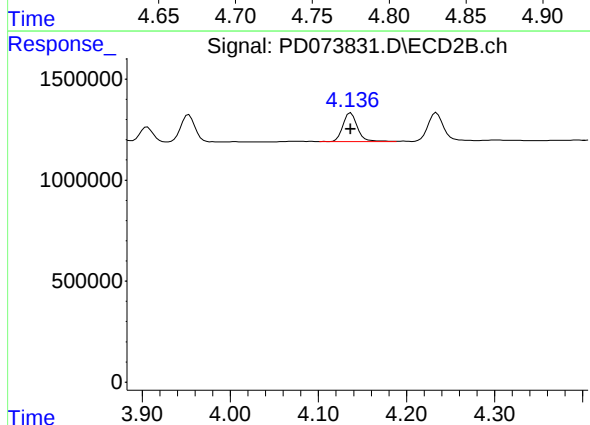
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 5350492
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2023-02

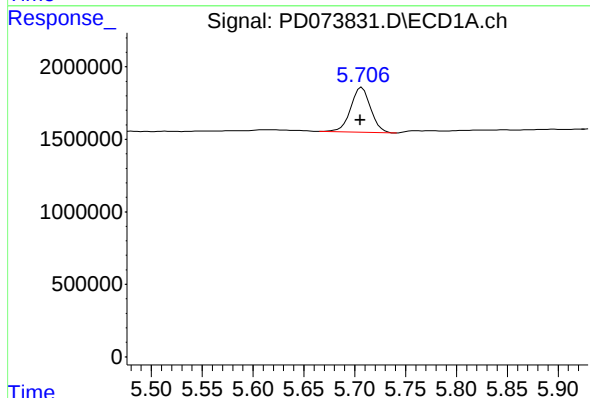
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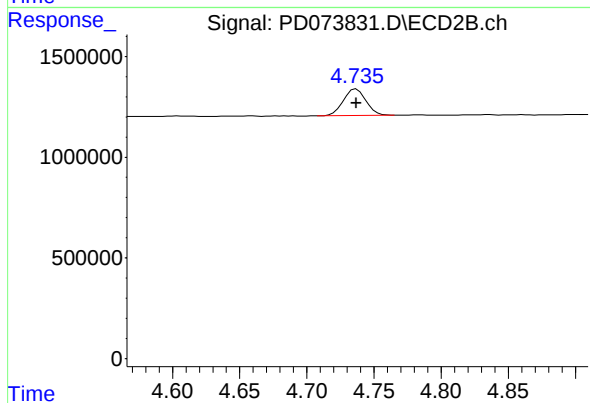
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 1615667
Conc: 0.93 ng/ml



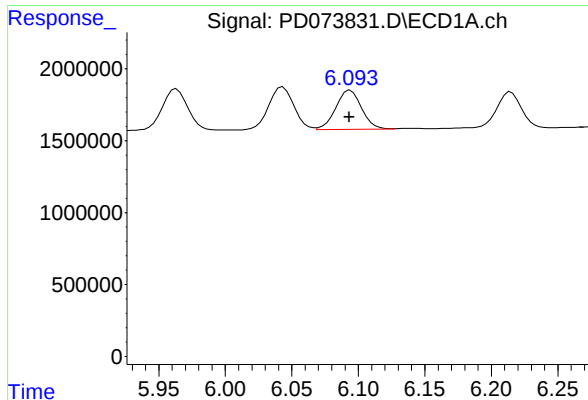
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.002 min
Response: 4215047
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 1534291
Conc: 0.99 ng/ml



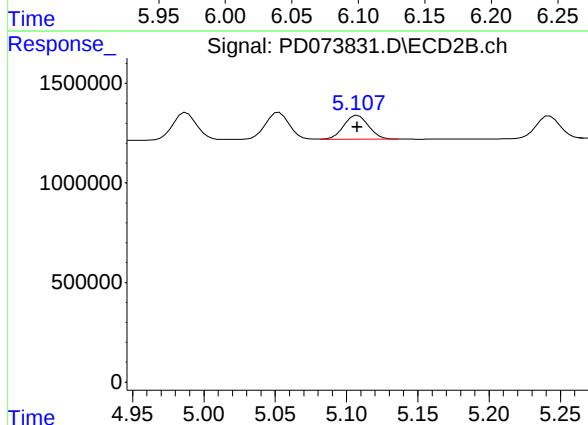
#9 Endosulfan I

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3660088
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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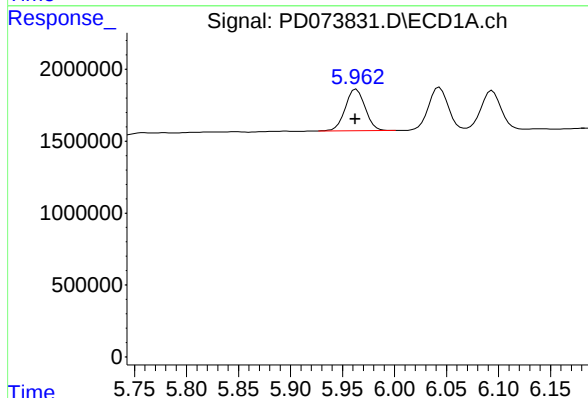
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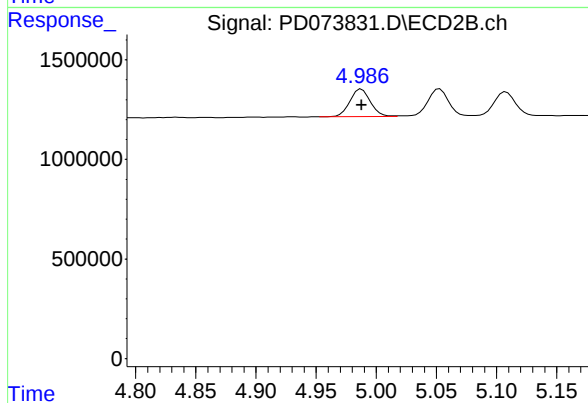
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 1460436
Conc: 1.02 ng/ml



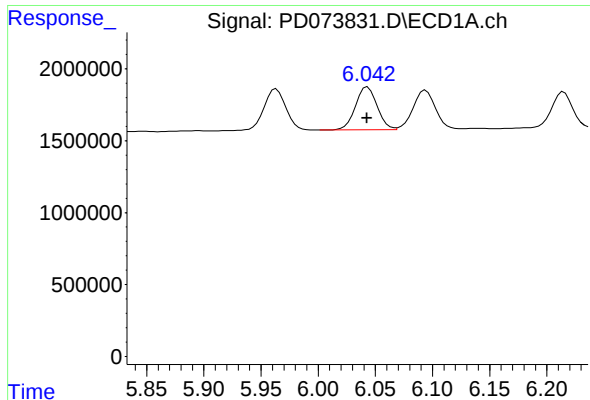
#10 trans-Chlordane

R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 3837840
Conc: 1.19 ng/ml



#10 trans-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 1632275
Conc: 1.05 ng/ml



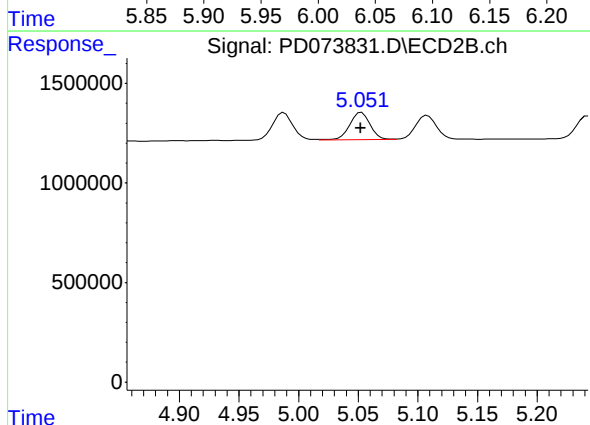
#11 cis-Chlordane

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3929754
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
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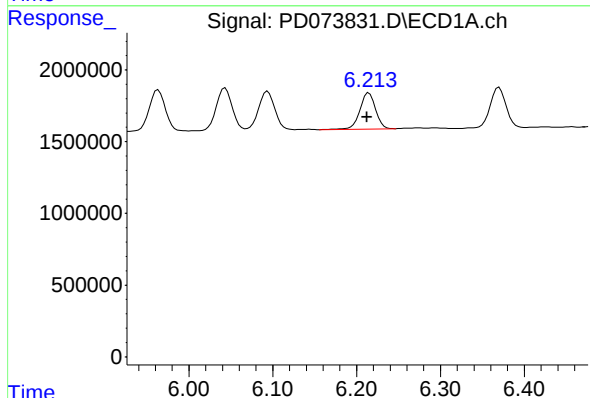
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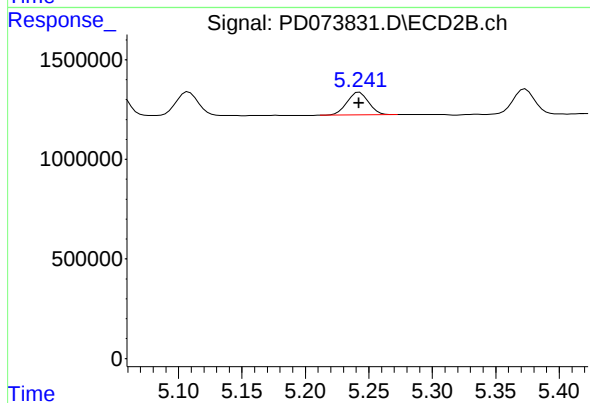
#11 cis-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 1640712
Conc: 1.02 ng/ml



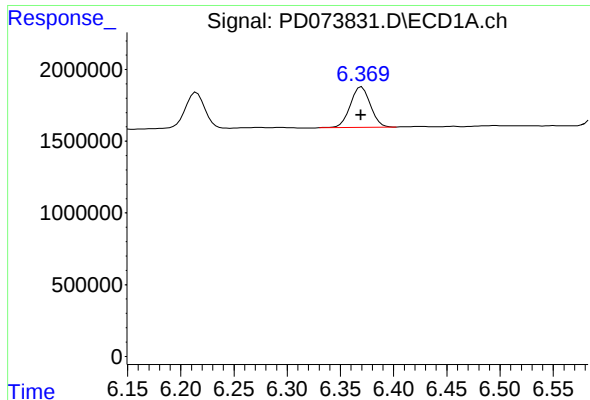
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: 0.002 min
Response: 3302612
Conc: 1.05 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1336861
Conc: 0.91 ng/ml



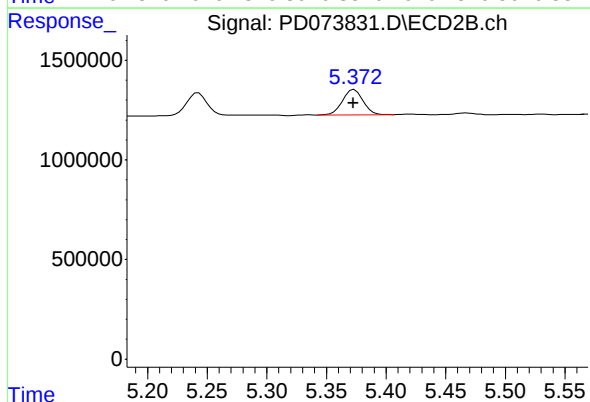
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 3695038
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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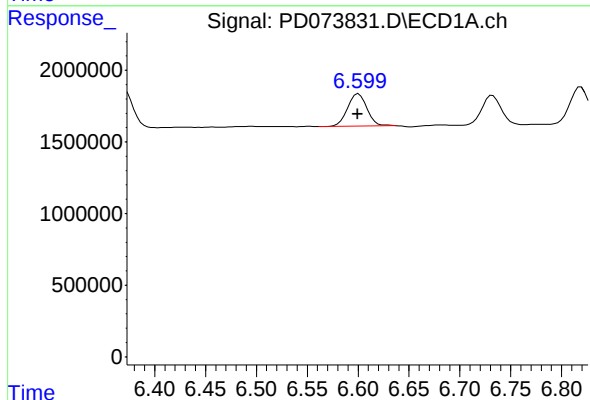
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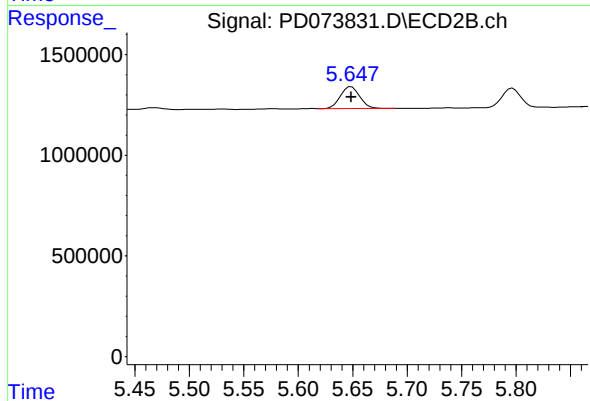
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 1531538
Conc: 0.98 ng/ml



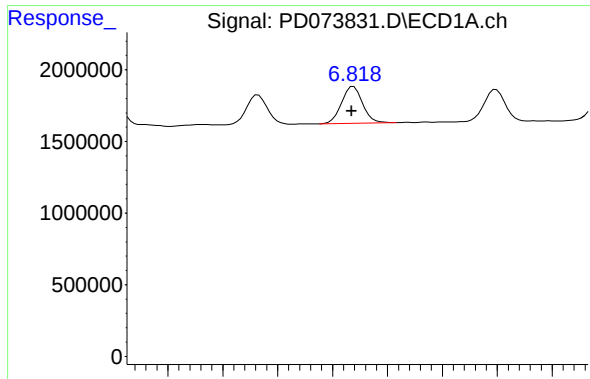
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 2979212
Conc: 1.06 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1336388
Conc: 1.04 ng/ml



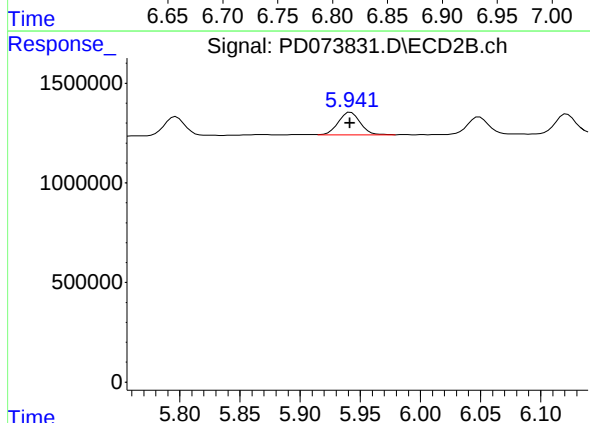
#15 Endosulfan II

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 3440781
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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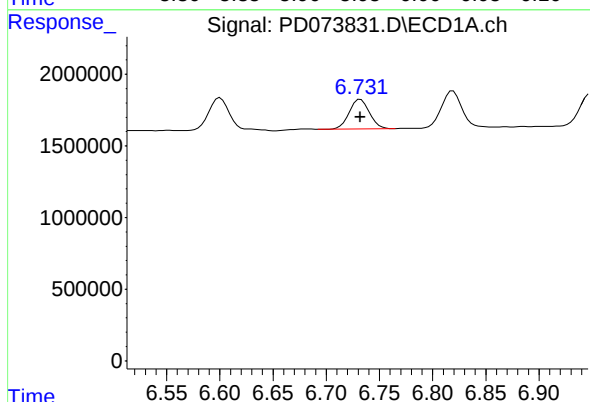
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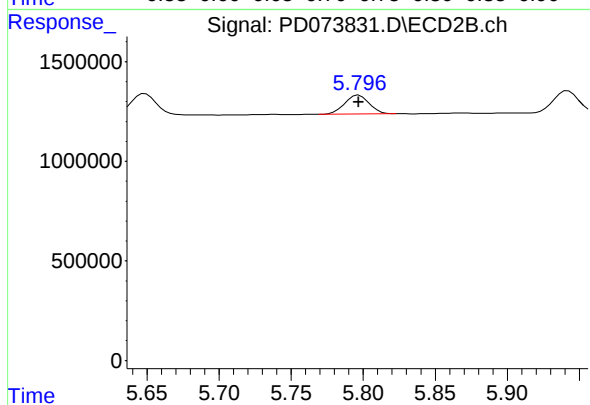
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 1427159
Conc: 1.04 ng/ml m



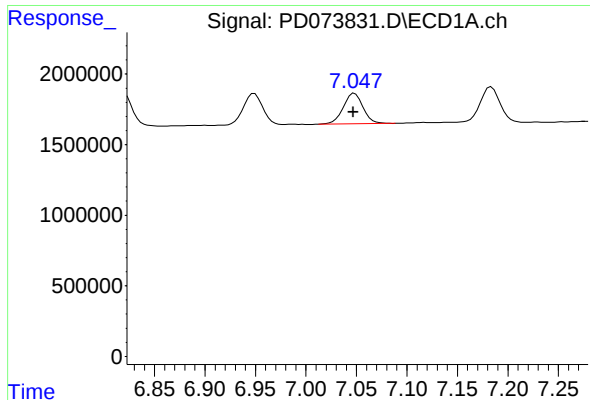
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2694701
Conc: 1.06 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 1132176
Conc: 0.94 ng/ml m



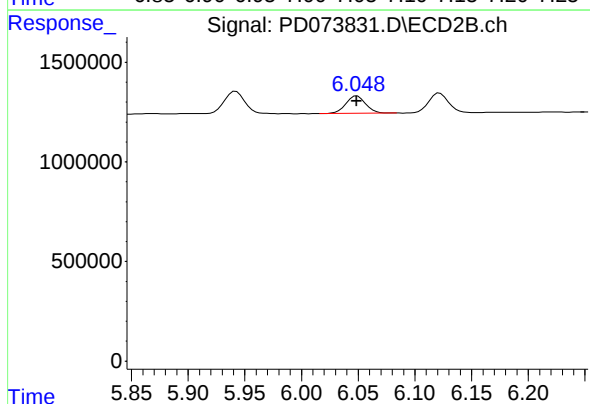
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.001 min
Response: 2973183
Conc: 1.09 ng/ml

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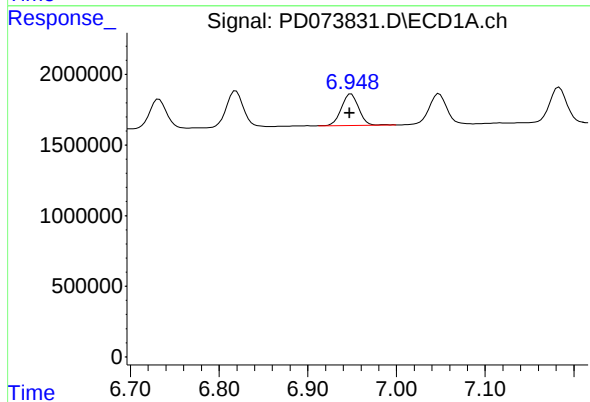
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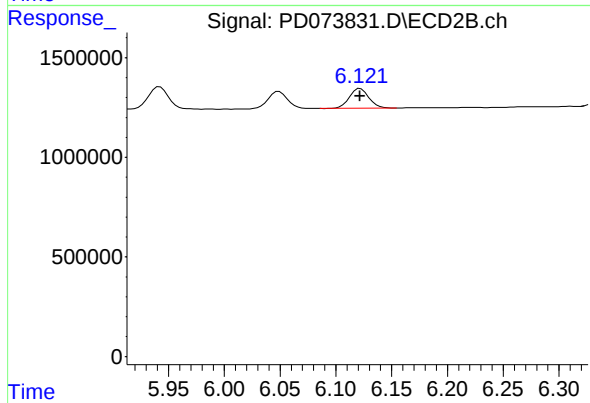
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 1065332
Conc: 0.90 ng/ml



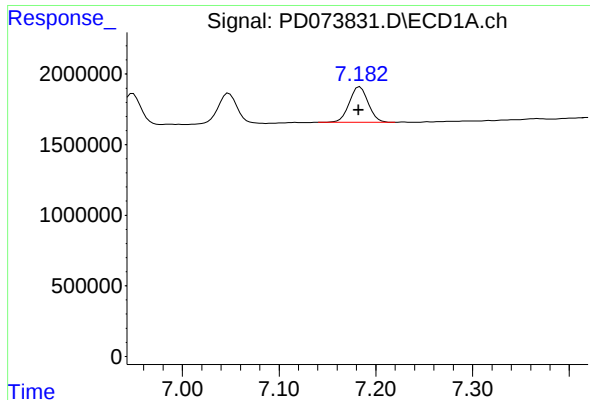
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 3034543
Conc: 1.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 1214464
Conc: 1.11 ng/ml



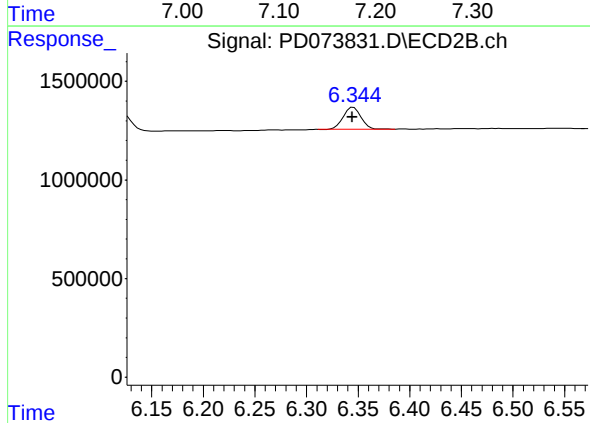
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.001 min
Response: 3374048
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2023-02

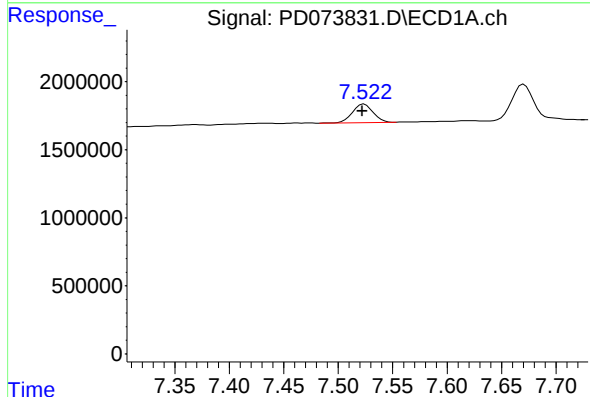
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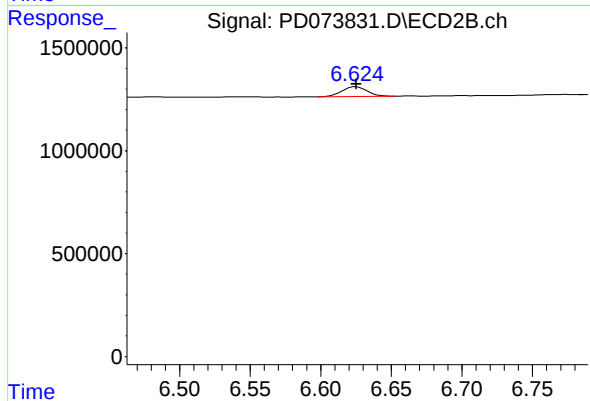
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 1330872
Conc: 1.06 ng/ml



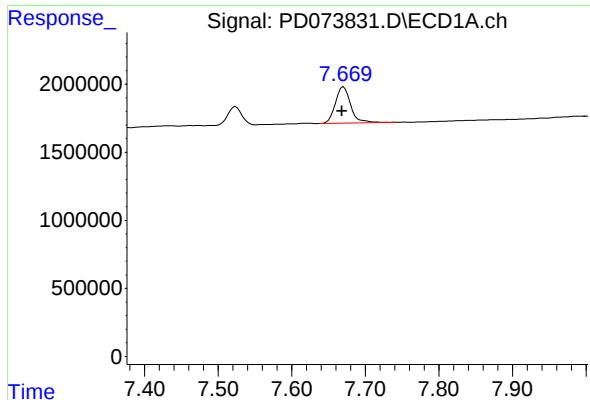
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 1804268
Conc: 1.21 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 582287
Conc: 1.06 ng/ml m



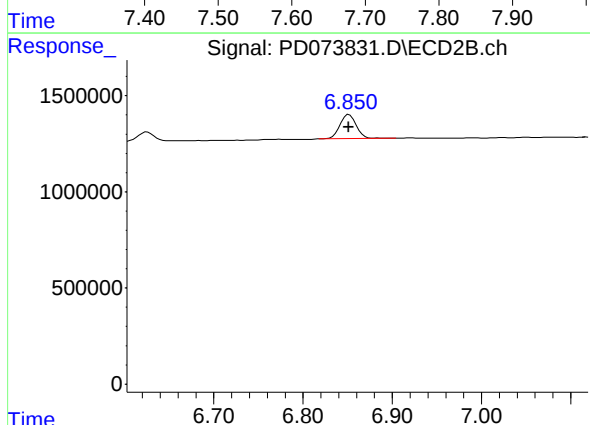
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.002 min
Response: 3894797
Conc: 1.22 ng/ml

Instrument :
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ClientSampleId :
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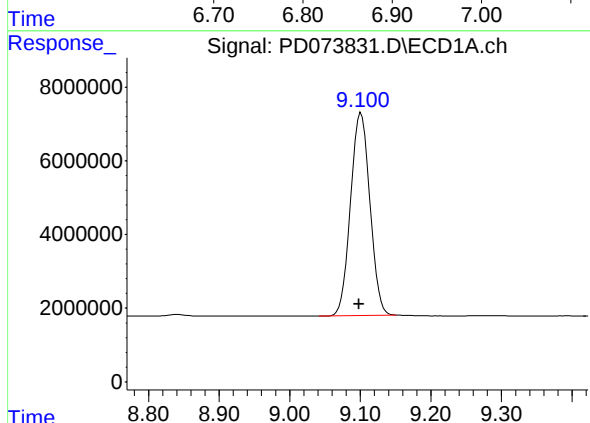
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Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



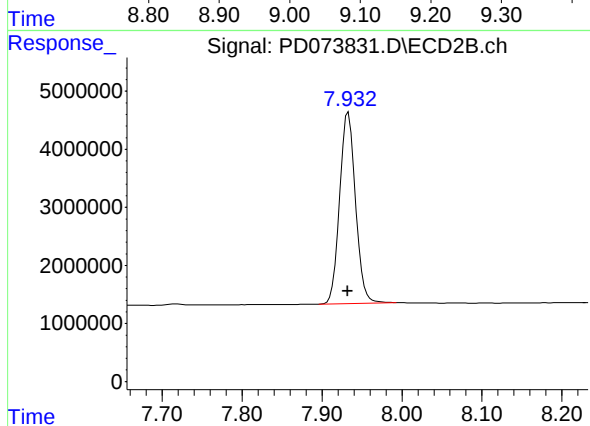
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 1617884
Conc: 1.08 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: 0.003 min
Response: 104782689
Conc: 37.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 45473056
Conc: 37.78 ng/ml m