

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 18:19
 Operator : AR\AJ
 Sample : 05624-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 14TH-SOIL-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 21:48:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 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 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...	3.566	2.801	26748250	43991429	17.747	17.500
28) SA Decachlor...	9.112	7.943	32135080	43468448	15.876	15.420
Target Compounds						
2) A alpha-BHC	4.023	3.303	121.2E6	183.6E6	48.253	48.004
3) MA gamma-BHC...	4.357	3.632	112.0E6	170.0E6	47.273	46.768
4) MA Heptachlor	4.950	3.974	119.5E6	175.1E6	48.584	49.923
5) MB Aldrin	5.293	4.255	112.3E6	171.0E6	47.279	48.046
6) B beta-BHC	4.548	3.927	52014642	73292140	51.975m	47.477
7) B delta-BHC	4.800	4.158	115.0E6	175.1E6	46.976	46.499
8) B Heptachlo...	5.720	4.756	104.0E6	158.2E6	47.212	48.256
9) A Endosulfan I	6.106	5.127	97659391	146.3E6	47.493	48.452
10) B gamma-Chl...	5.976	5.006	102.4E6	157.2E6	47.026	48.770
11) B alpha-Chl...	6.055	5.071	101.7E6	155.0E6	47.153	48.238
12) B 4,4'-DDE	6.226	5.259	96049345	149.3E6	47.902	49.543
13) MA Dieldrin	6.382	5.391	102.1E6	158.2E6	46.818	48.325
14) MA Endrin	6.612	5.666	87500730	140.8E6	48.250	50.117
15) B Endosulfa...	6.830	5.959	85294930	129.2E6	44.773	47.334
16) A 4,4'-DDD	6.743	5.813	79635228	124.1E6	47.536	48.212
17) MA 4,4'-DDT	7.058	6.065	86288644	125.6E6	48.500	49.449
18) B Endrin al...	6.960	6.138	67225941	98871140	46.926	48.162
19) B Endosulfa...	7.193	6.361	87300028	128.2E6	46.041	47.834
20) A Methoxychlor	7.532	6.640	45704472	67828857	46.241	46.384
21) B Endrin ke...	7.681	6.867	94562692	146.6E6	45.671	46.903
22) Mirex	8.158	7.052	70342050	108.5E6	43.000	44.838

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

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Data File : PD079975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 18:19
Operator : AR\AJ
Sample : 05624-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

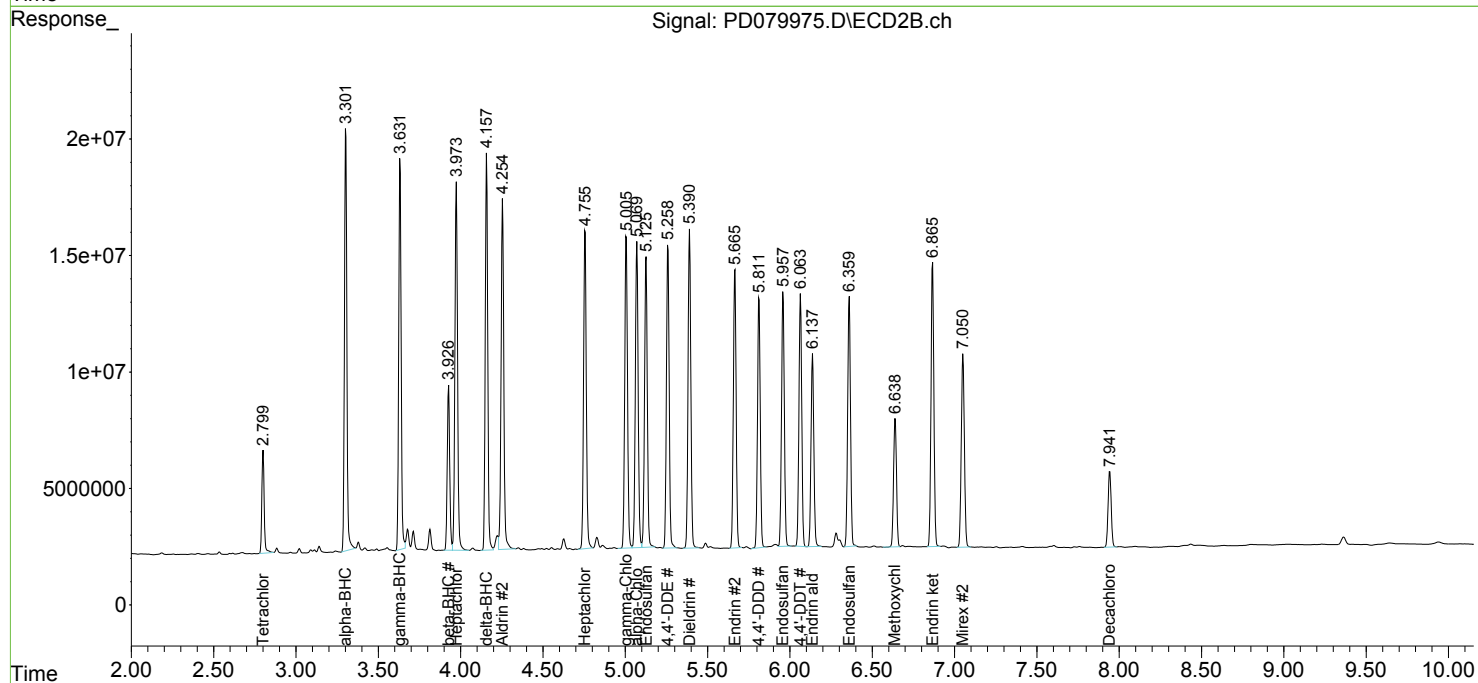
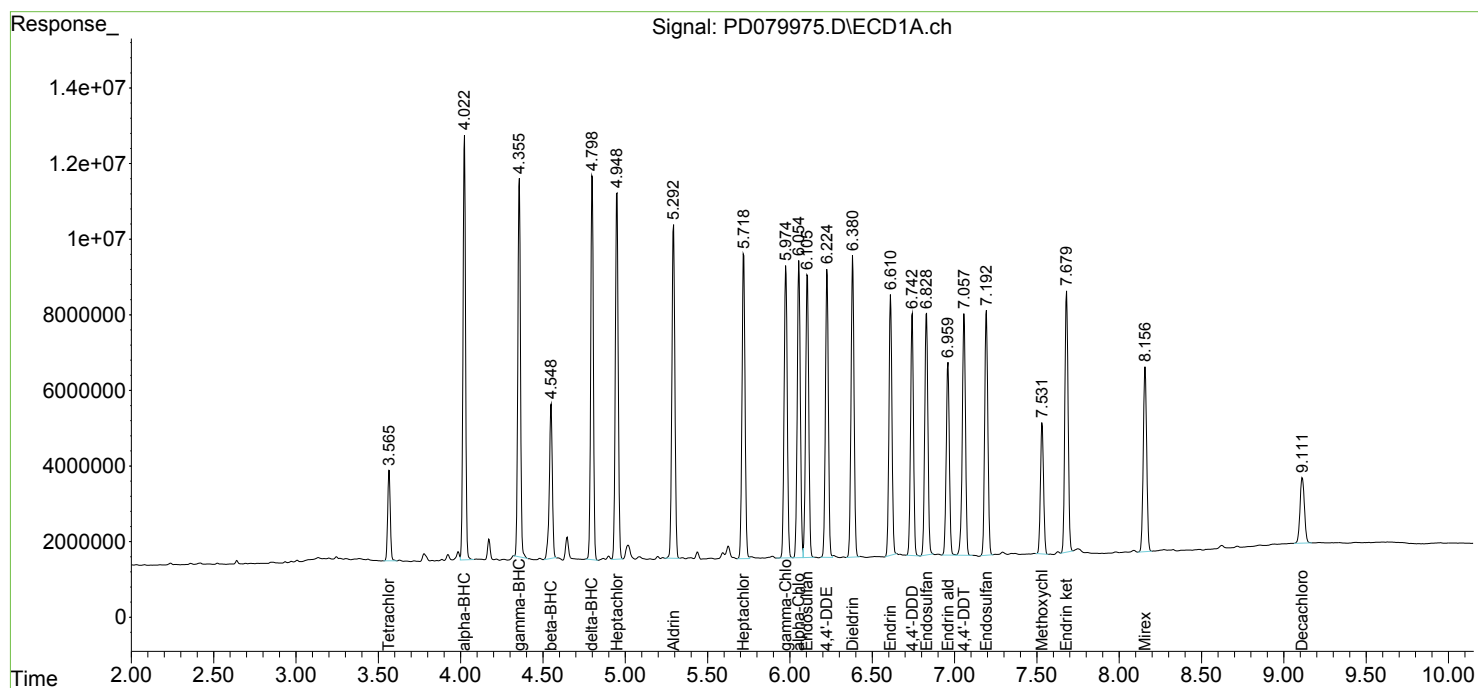
Instrument :
ECD_D
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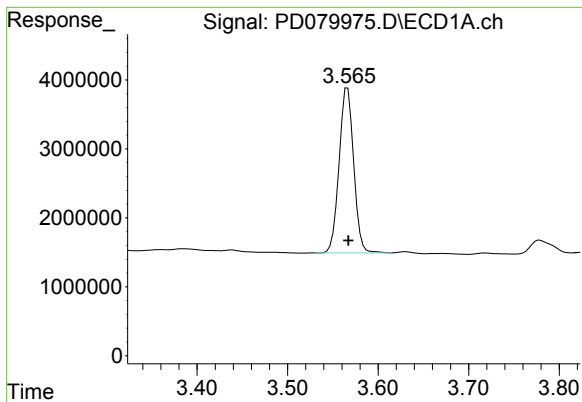
Manual Integrations
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Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:48:52 2023
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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





#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 26748250
Conc: 17.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

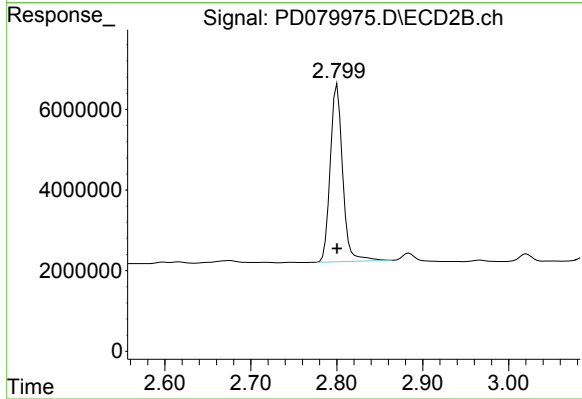
14TH-SOIL-1MSD

Manual Integrations

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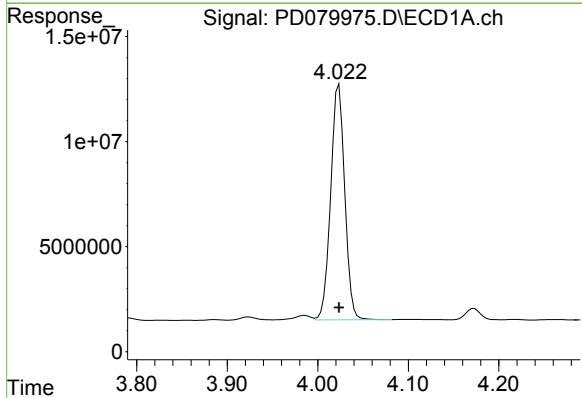
Reviewed By :Yogesh Patel 12/07/2023

Supervised By :Ankita Jodhani 12/07/2023



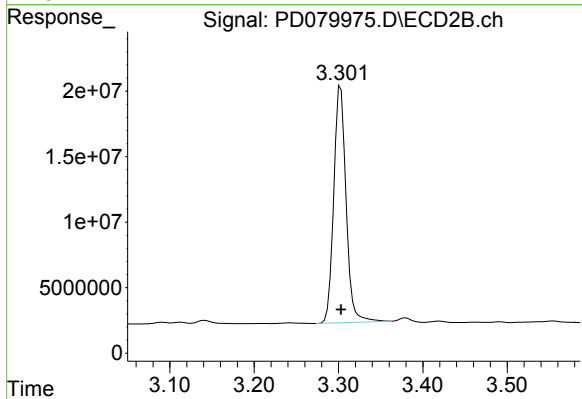
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 43991429
Conc: 17.50 ng/ml



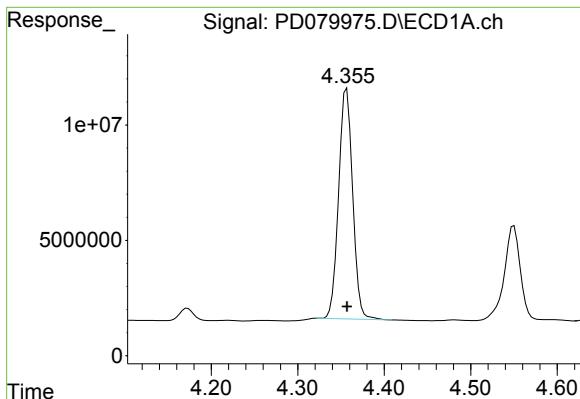
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 121205156
Conc: 48.25 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 183554225
Conc: 48.00 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 112000896
Conc: 47.27 ng/ml

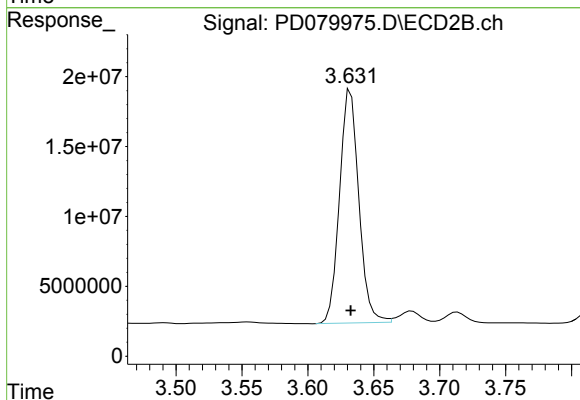
Instrument :

ECD_D

ClientSampleId :
14TH-SOIL-1MSD

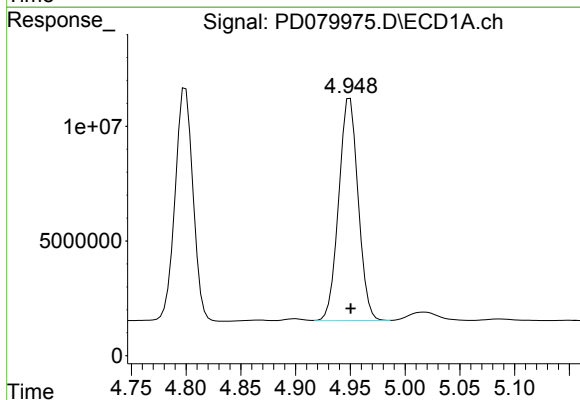
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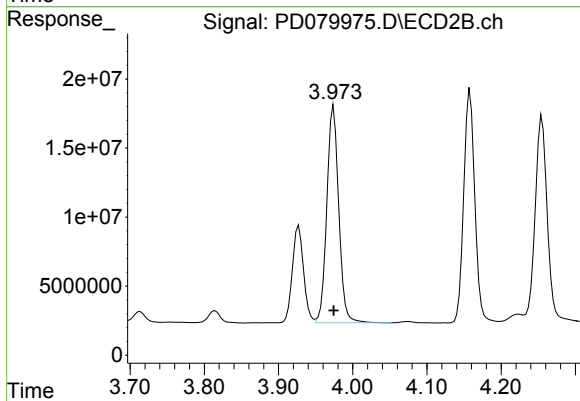
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 169955871
Conc: 46.77 ng/ml



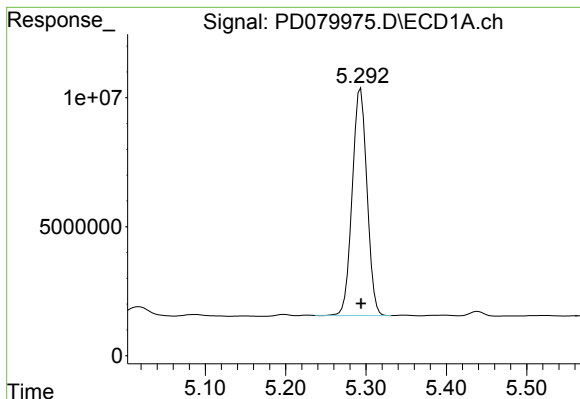
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 119482045
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 175051368
Conc: 49.92 ng/ml



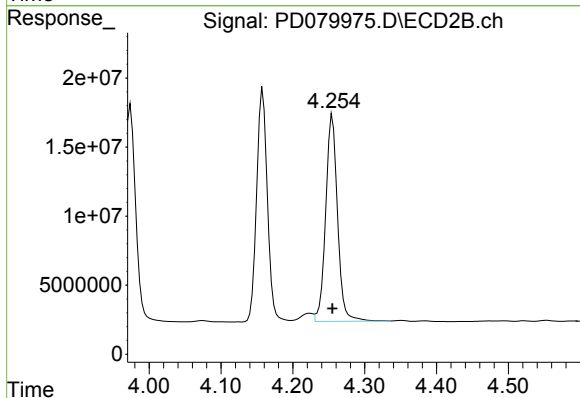
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 112273877
Conc: 47.28 ng/ml

Instrument :
ECD_D
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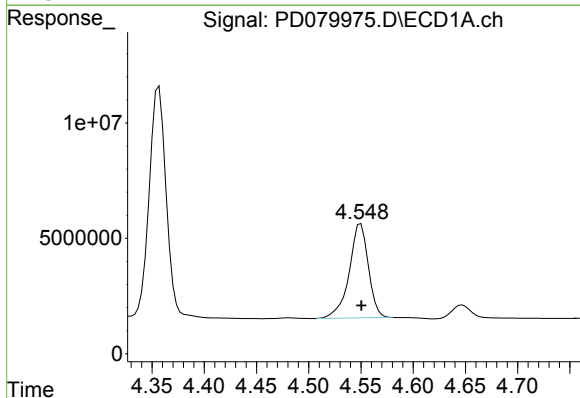
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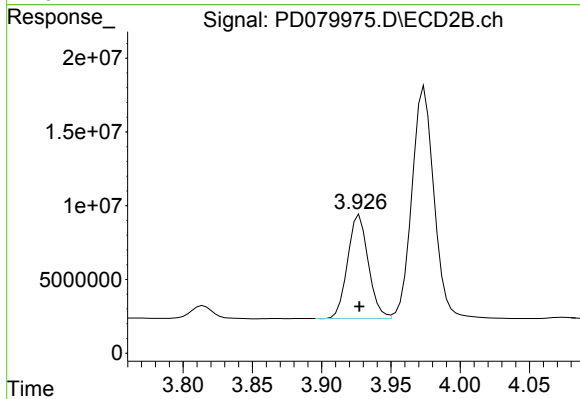
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 171047660
Conc: 48.05 ng/ml



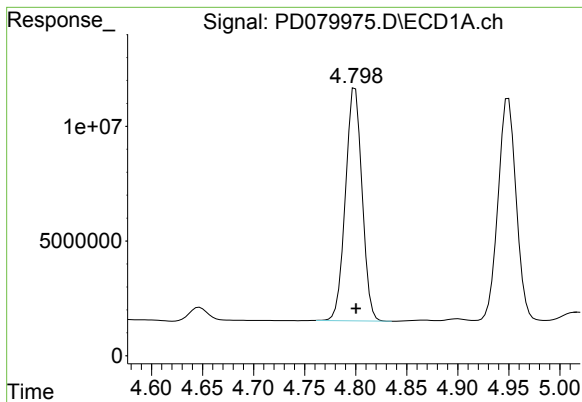
#6 beta-BHC

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 52014642
Conc: 51.97 ng/ml m



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 73292140
Conc: 47.48 ng/ml



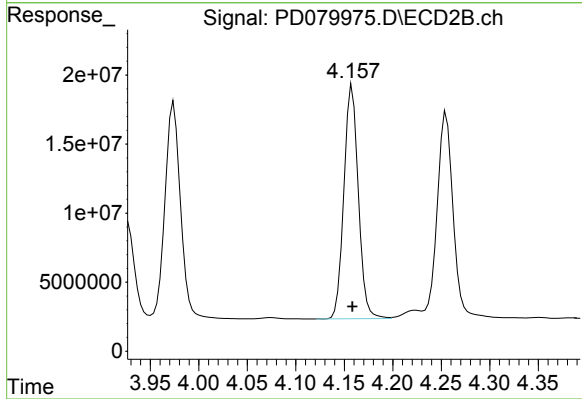
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 115039989
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
14TH-SOIL-1MSD

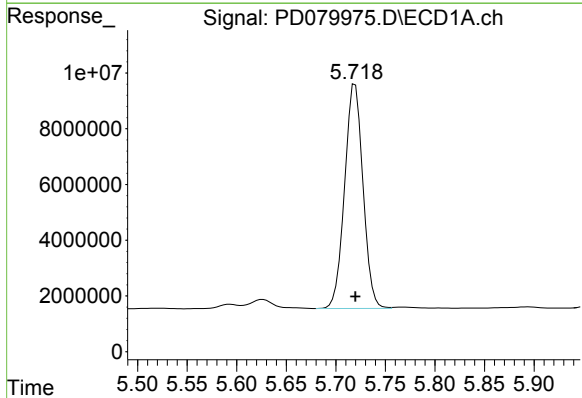
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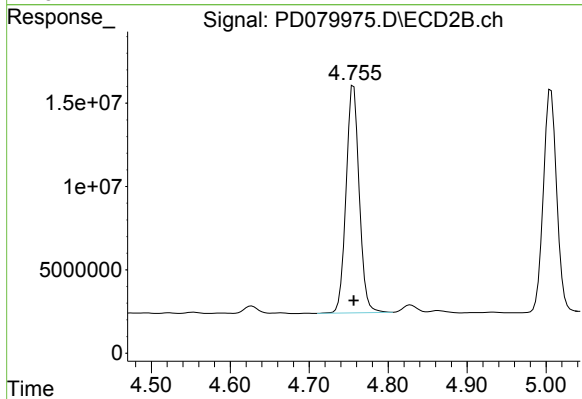
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 175098331
Conc: 46.50 ng/ml



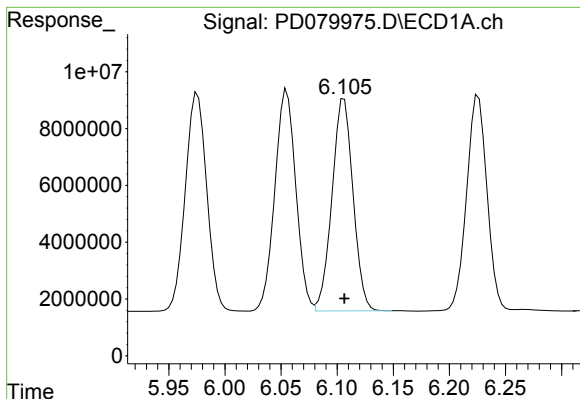
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 103998936
Conc: 47.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 158247946
Conc: 48.26 ng/ml



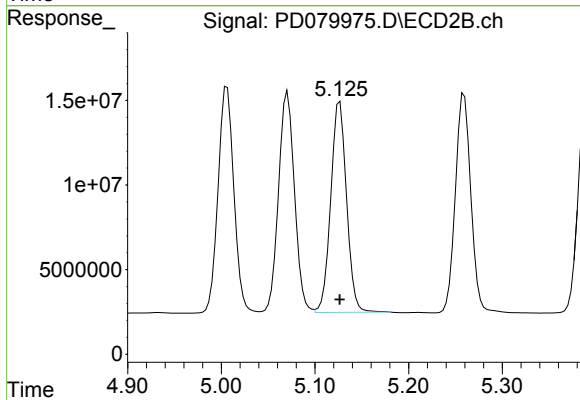
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 97659391
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
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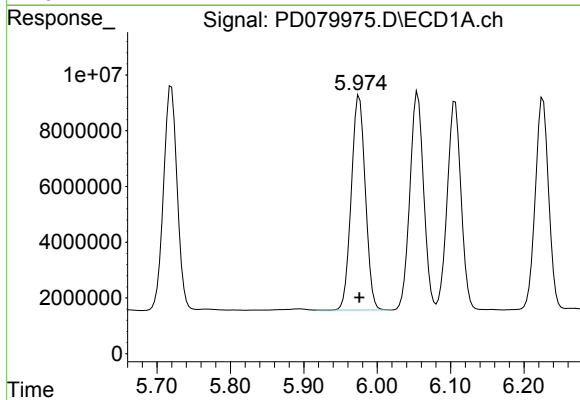
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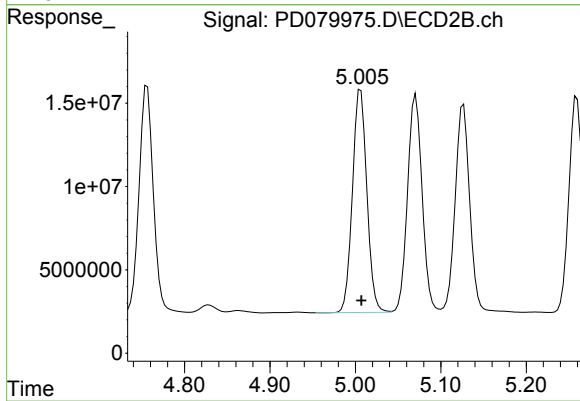
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 146288430
Conc: 48.45 ng/ml



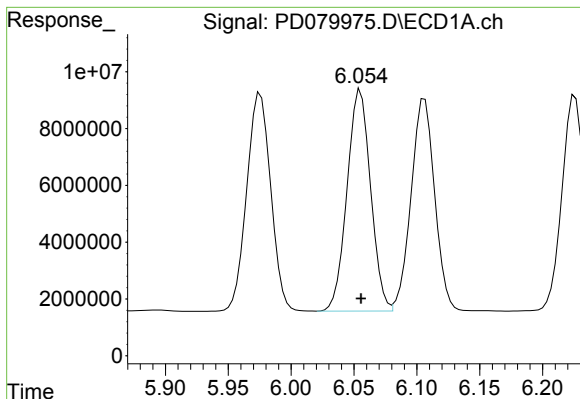
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 102374189
Conc: 47.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 157216511
Conc: 48.77 ng/ml



#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 101716506
Conc: 47.15 ng/ml

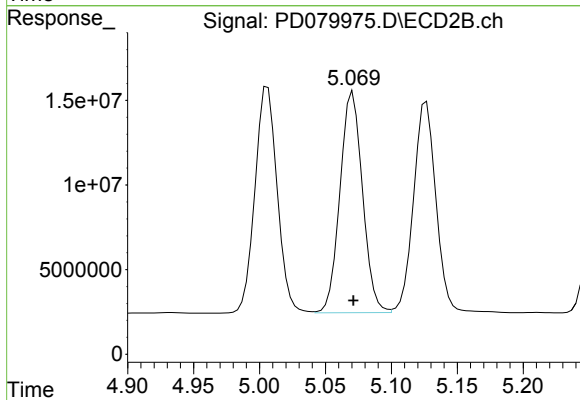
Instrument :

ECD_D

ClientSampleId :
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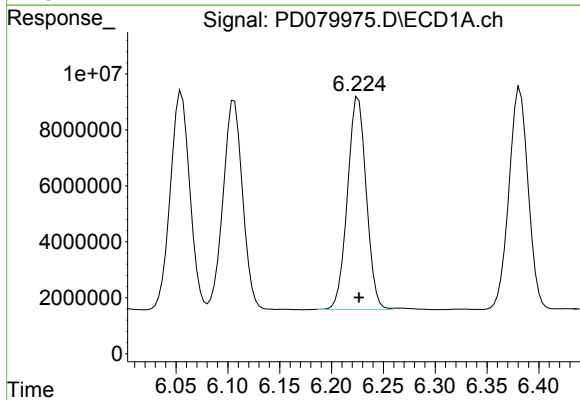
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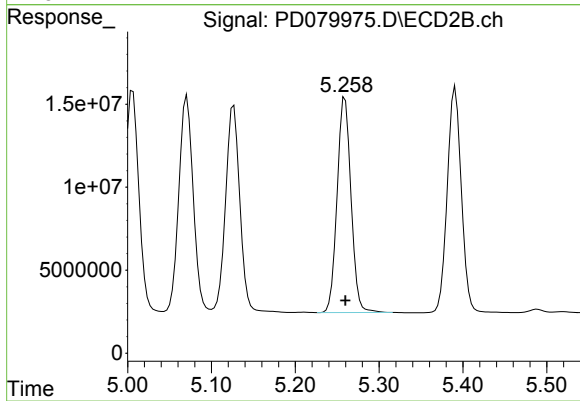
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 155030535
Conc: 48.24 ng/ml



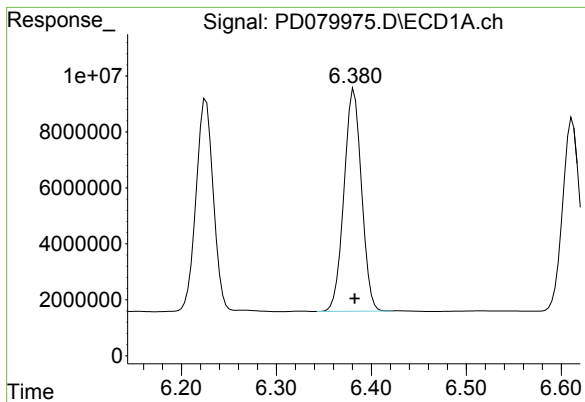
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 96049345
Conc: 47.90 ng/ml



#12 4,4'-DDE

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 149334248
Conc: 49.54 ng/ml



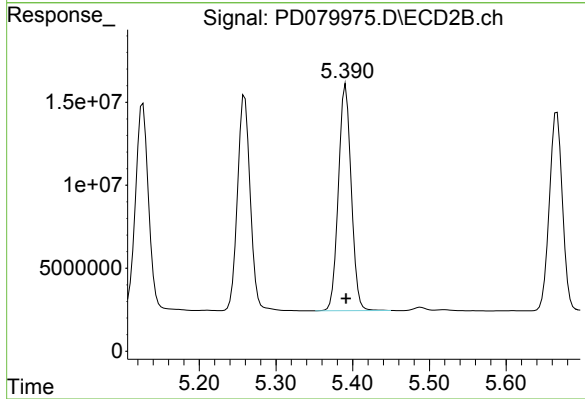
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 102149700
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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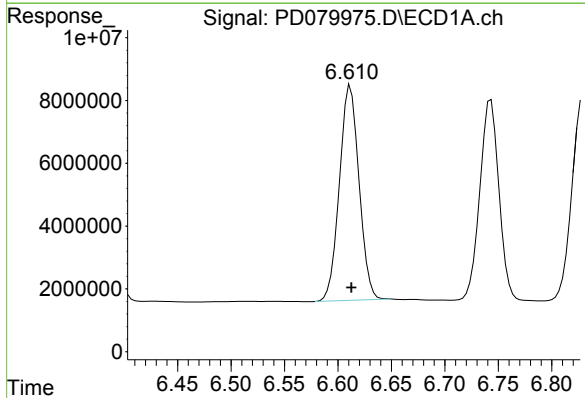
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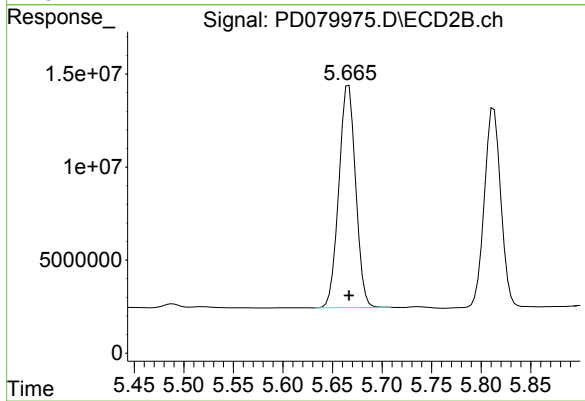
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 158237566
Conc: 48.33 ng/ml



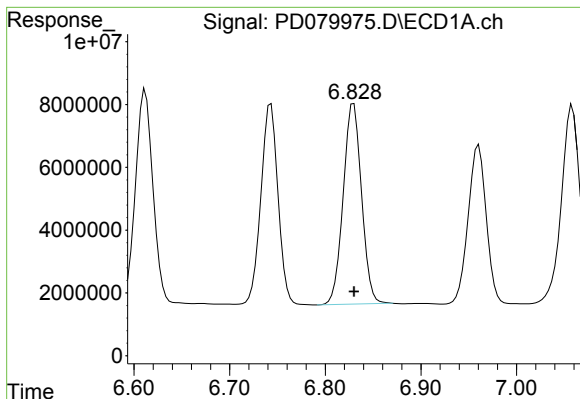
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 87500730
Conc: 48.25 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 140832302
Conc: 50.12 ng/ml



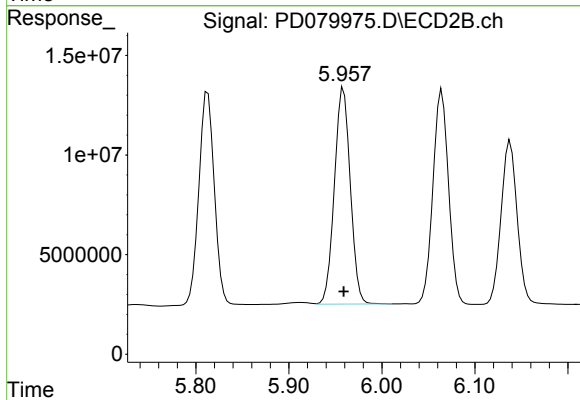
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 85294930
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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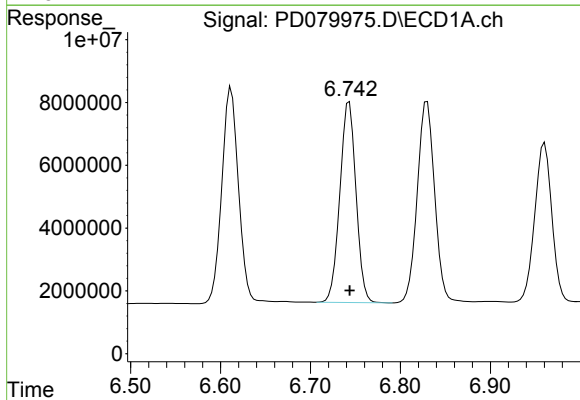
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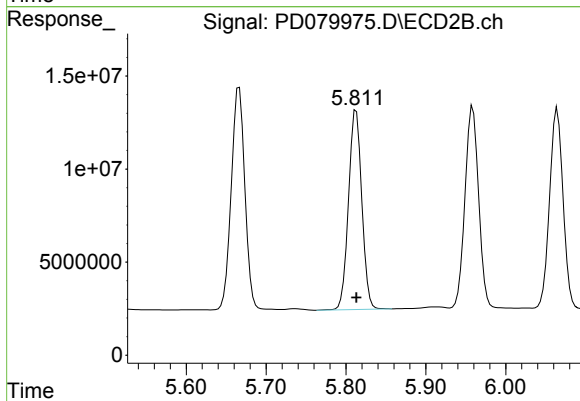
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 129153789
Conc: 47.33 ng/ml



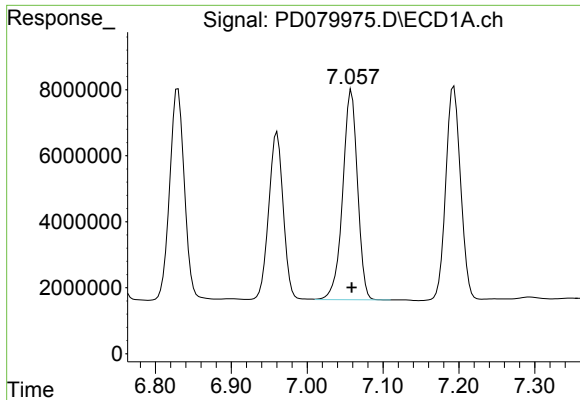
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 79635228
Conc: 47.54 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 124147683
Conc: 48.21 ng/ml



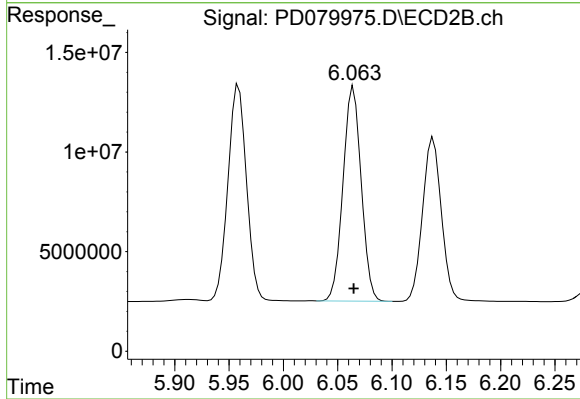
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 86288644
Conc: 48.50 ng/ml

Instrument :
ECD_D
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14TH-SOIL-1MSD

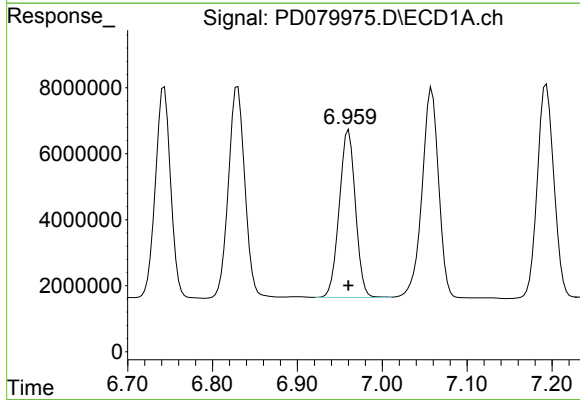
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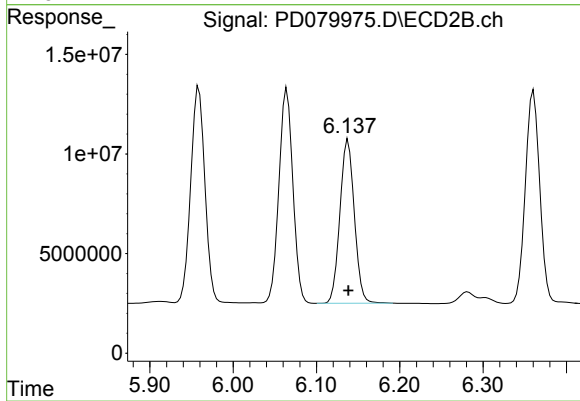
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 125627977
Conc: 49.45 ng/ml



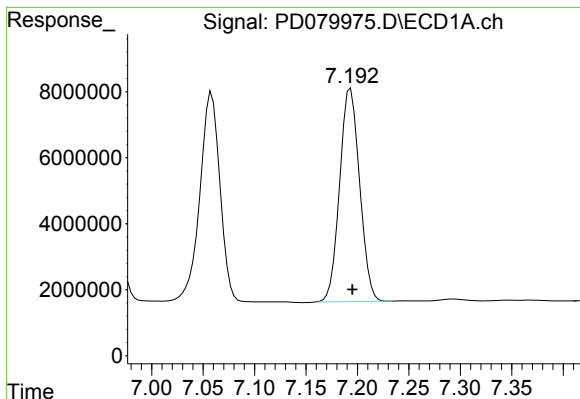
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 67225941
Conc: 46.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 98871140
Conc: 48.16 ng/ml



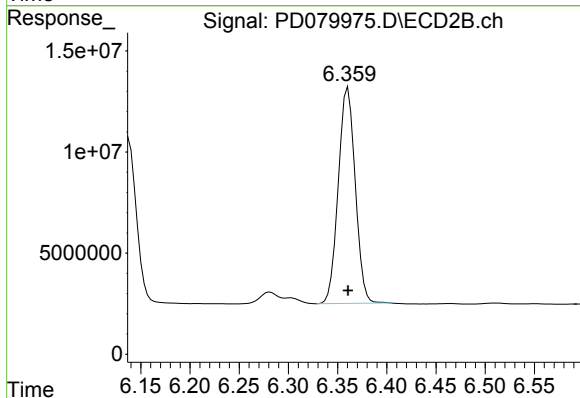
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 87300028
Conc: 46.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
14TH-SOIL-1MSD

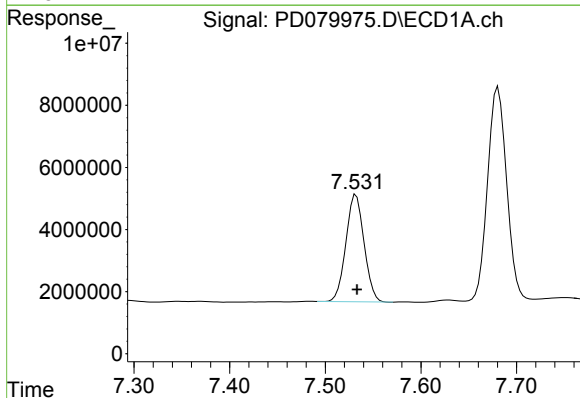
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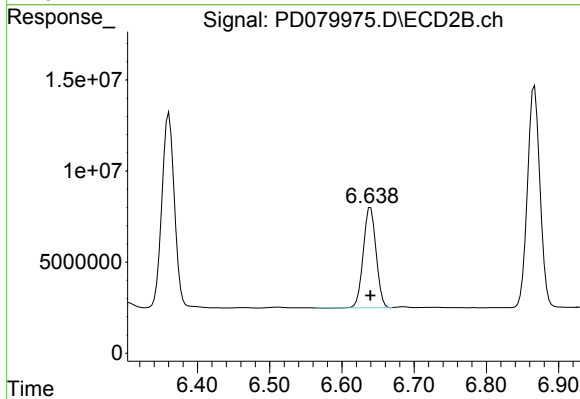
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 128242617
Conc: 47.83 ng/ml



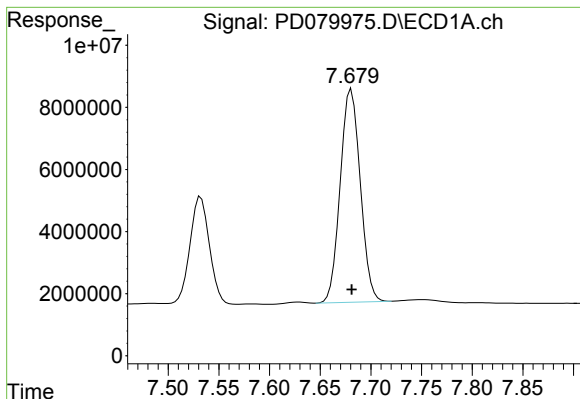
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 45704472
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 67828857
Conc: 46.38 ng/ml



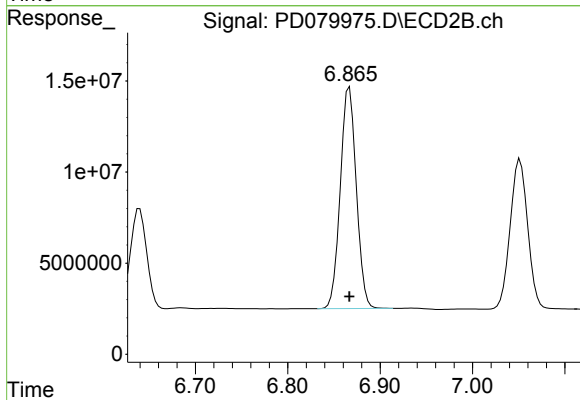
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 94562692
Conc: 45.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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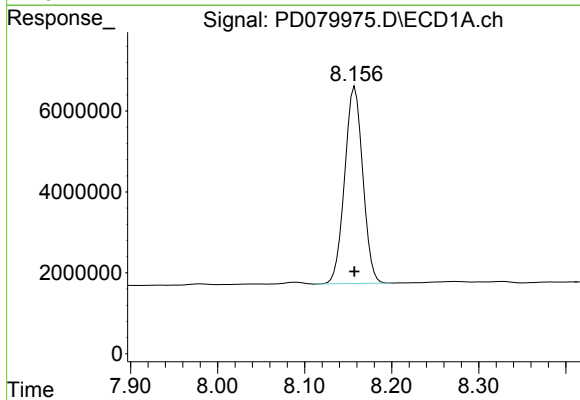
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Supervised By :Ankita Jodhani 12/07/2023



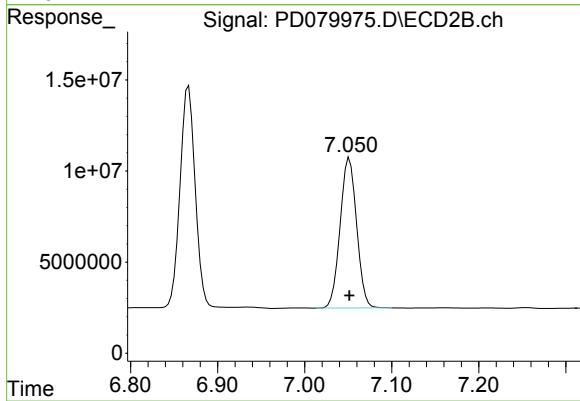
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 146586559
Conc: 46.90 ng/ml



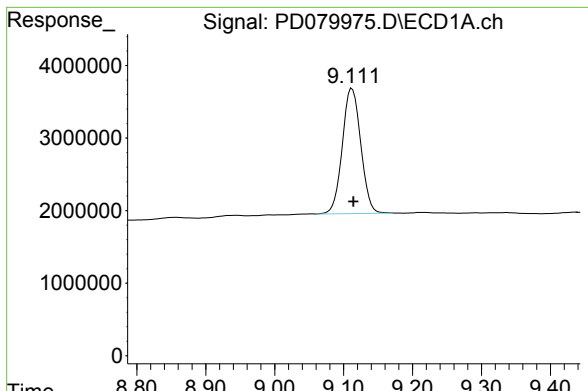
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 70342050
Conc: 43.00 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 108515645
Conc: 44.84 ng/ml



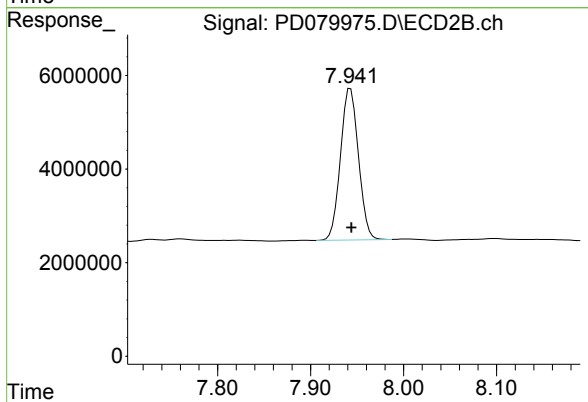
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 32135080
Conc: 15.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
14TH-SOIL-1MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/07/2023



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 43468448
Conc: 15.42 ng/ml