

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 18:05
 Operator : AR\AJ
 Sample : 05624-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

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 21:48:37 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...	3.567	2.801	25863026	43147443	17.160	17.164
28)	SA Decachlor...	9.114	7.943	31670438	42122570	15.646	14.943
Target Compounds							
2)	A alpha-BHC	4.024	3.303	118.9E6	179.9E6	47.331	47.037
3)	MA gamma-BHC...	4.357	3.632	109.2E6	166.2E6	46.075	45.725
4)	MA Heptachlor	4.950	3.974	116.2E6	171.2E6	47.265	48.824
5)	MB Aldrin	5.293	4.255	109.6E6	168.5E6	46.140	47.324
6)	B beta-BHC	4.548	3.927	50759489	71586410	50.720m	46.372
7)	B delta-BHC	4.800	4.158	112.1E6	172.0E6	45.785	45.678
8)	B Heptachlo...	5.720	4.756	101.8E6	155.0E6	46.193	47.278
9)	A Endosulfan I	6.106	5.127	94977041	143.5E6	46.189	47.535
10)	B gamma-Chl...	5.976	5.007	100.1E6	153.9E6	45.971	47.734
11)	B alpha-Chl...	6.056	5.071	99404944	152.0E6	46.081	47.289
12)	B 4,4'-DDE	6.226	5.260	93461742	146.8E6	46.612	48.693
13)	MA Dieldrin	6.382	5.391	99660860	155.6E6	45.677	47.505
14)	MA Endrin	6.612	5.666	85302603	137.1E6	47.038	48.805
15)	B Endosulfa...	6.830	5.959	83654951	125.4E6	43.912	45.950
16)	A 4,4'-DDD	6.743	5.813	77774155	120.7E6	46.425	46.855
17)	MA 4,4'-DDT	7.058	6.065	84326204	121.8E6	47.397	47.925
18)	B Endrin al...	6.960	6.138	65974194	96642611	46.052	47.077
19)	B Endosulfa...	7.194	6.361	85572583	125.0E6	45.130	46.609
20)	A Methoxychlor	7.533	6.639	44877148	66504780	45.404	45.479
21)	B Endrin ke...	7.681	6.867	92764794	142.6E6	44.803	45.623
22)	Mirex	8.157	7.051	69322848	105.1E6	42.377	43.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 18:05
Operator : AR\AJ
Sample : 05624-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

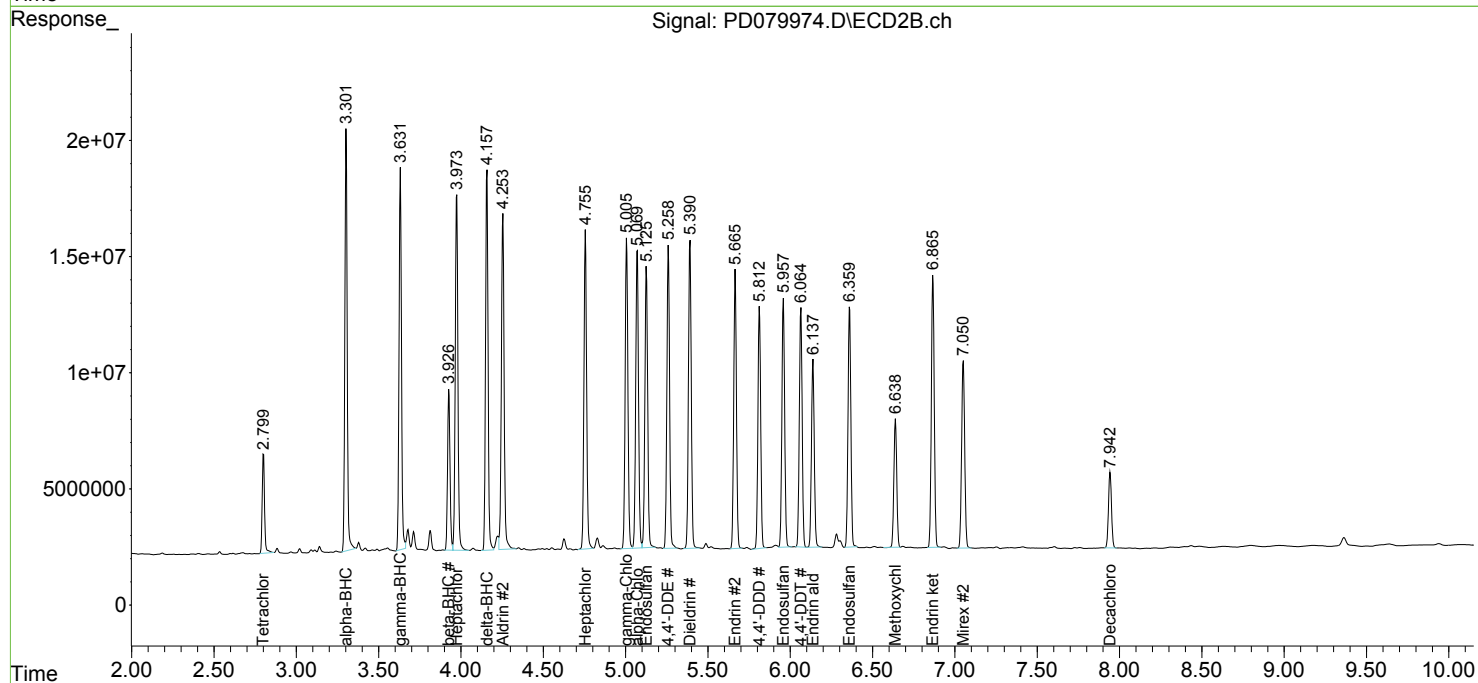
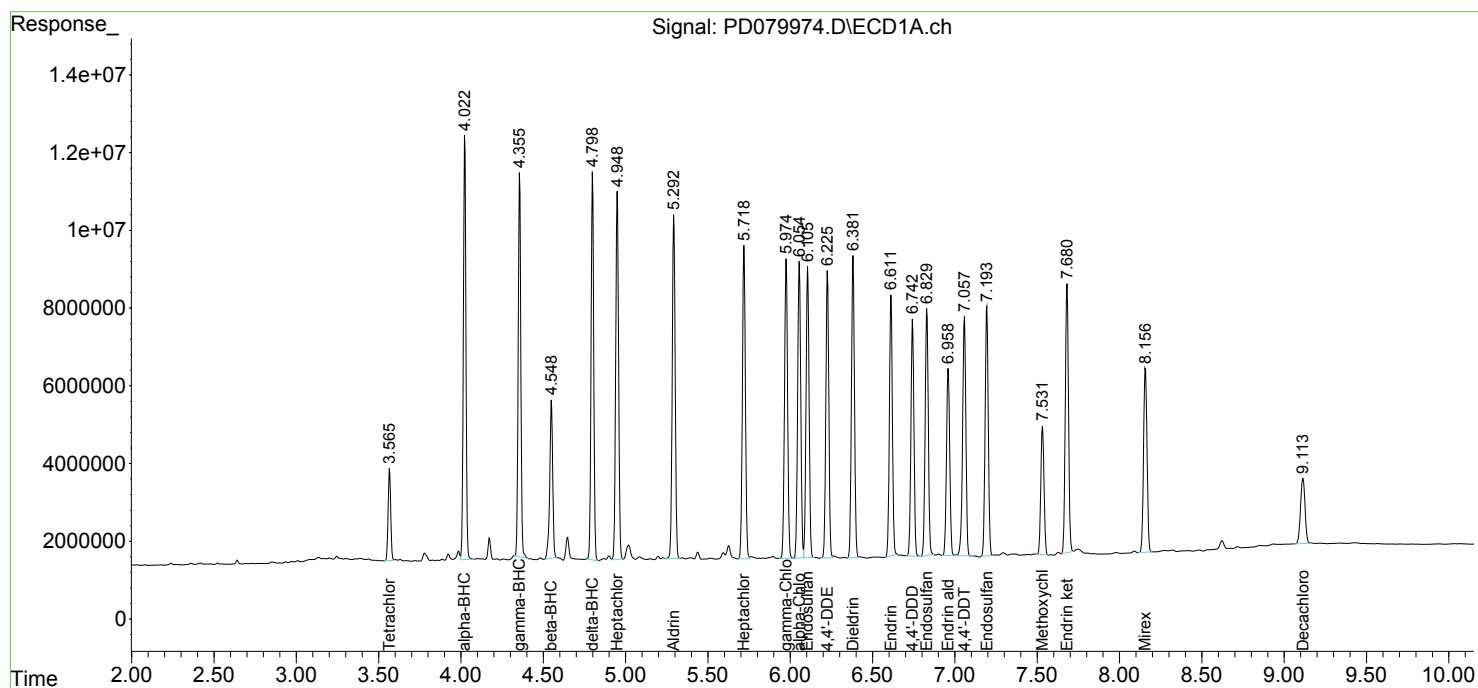
Instrument :
ECD_D
ClientSampleId :
14TH-SOIL-1MS

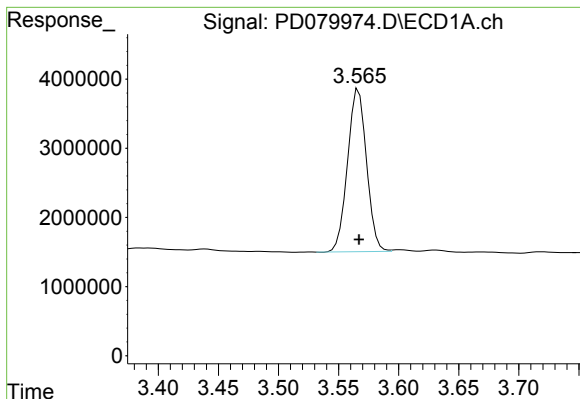
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:48:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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Integrator: ChemStation

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





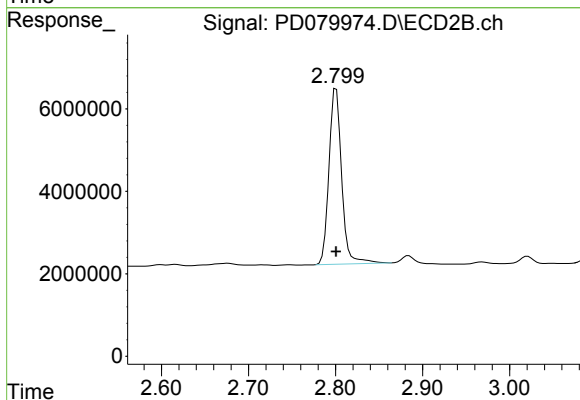
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 25863026
Conc: 17.16 ng/ml

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

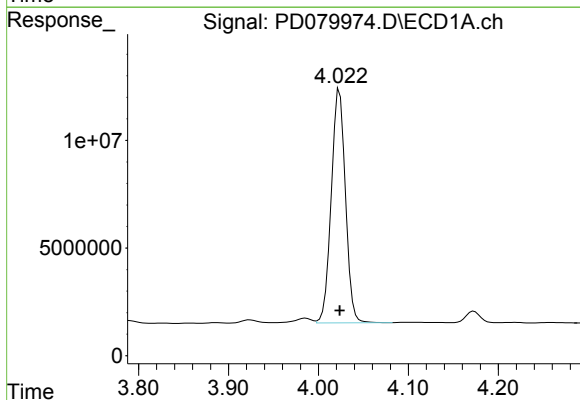
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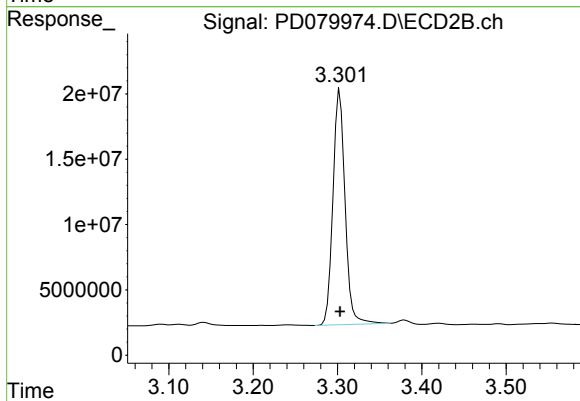
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 43147443
Conc: 17.16 ng/ml



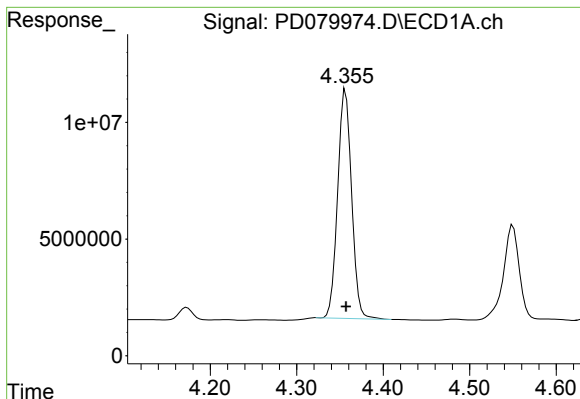
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 118889256
Conc: 47.33 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 179854830
Conc: 47.04 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 109160881
Conc: 46.07 ng/ml

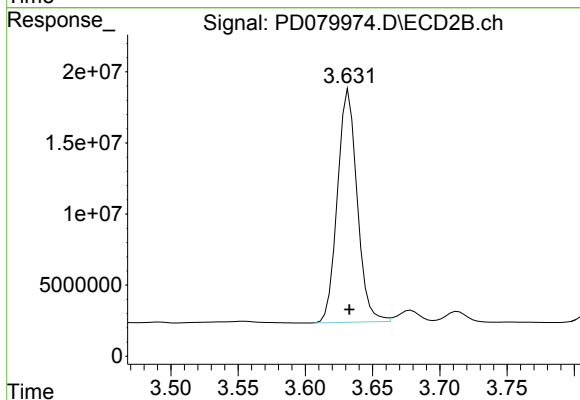
Instrument :

ECD_D

ClientSampleId :
14TH-SOIL-1MS

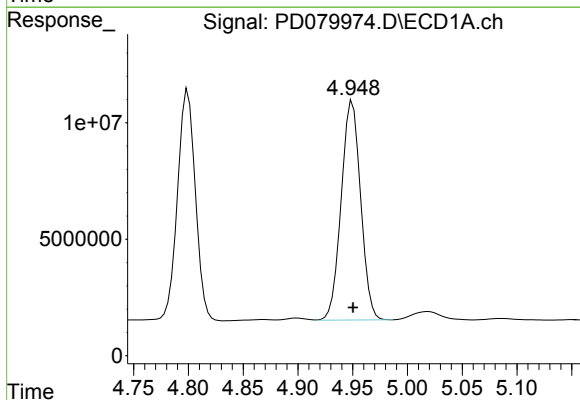
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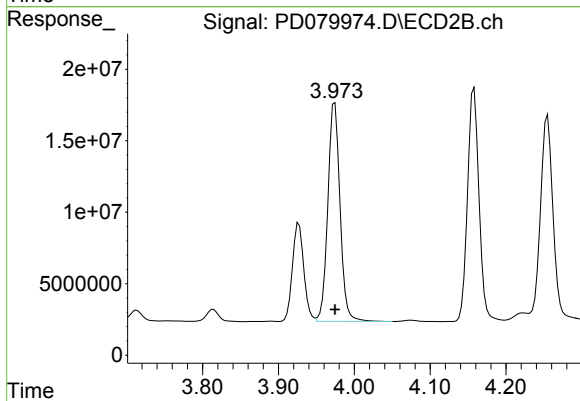
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 166166756
Conc: 45.73 ng/ml



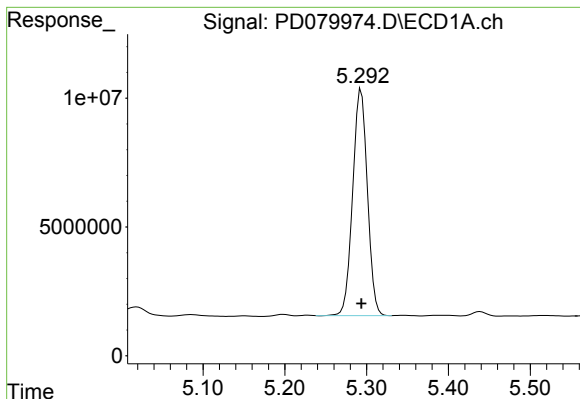
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 116238565
Conc: 47.26 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 171197545
Conc: 48.82 ng/ml



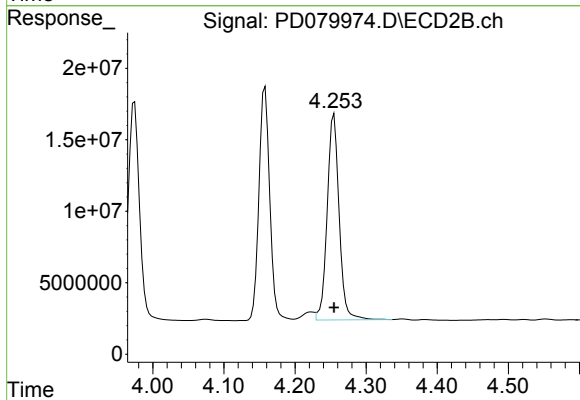
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 109569405
Conc: 46.14 ng/ml

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

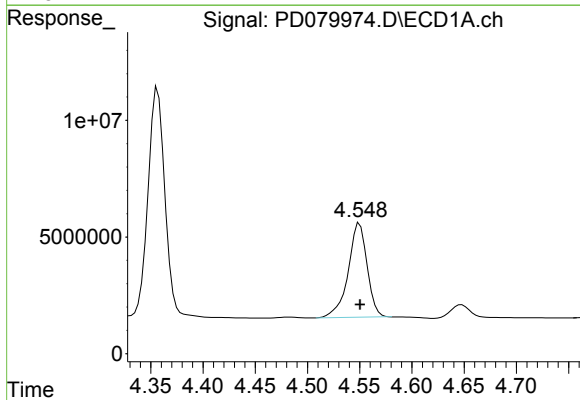
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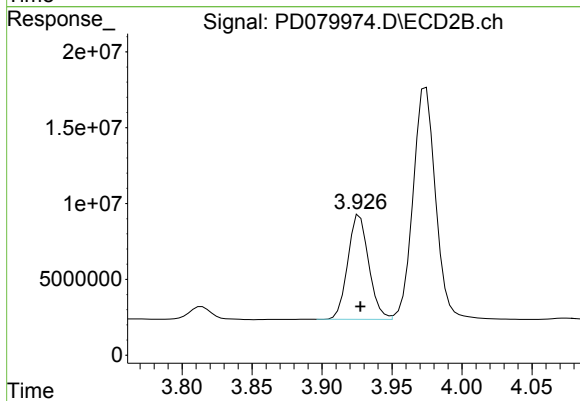
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 168480360
Conc: 47.32 ng/ml



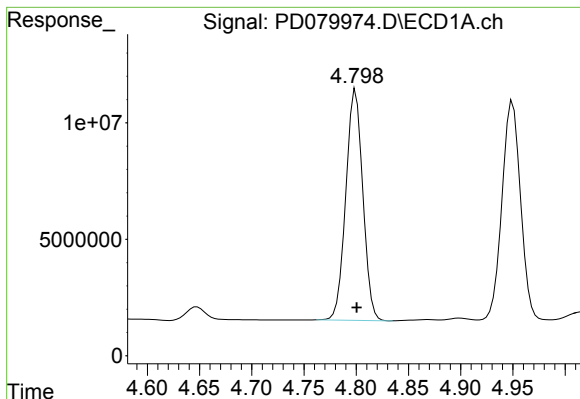
#6 beta-BHC

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 50759489
Conc: 50.72 ng/ml m



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 71586410
Conc: 46.37 ng/ml



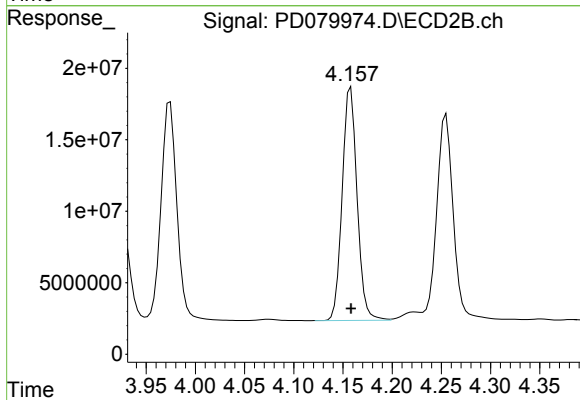
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 112124642
Conc: 45.79 ng/ml

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

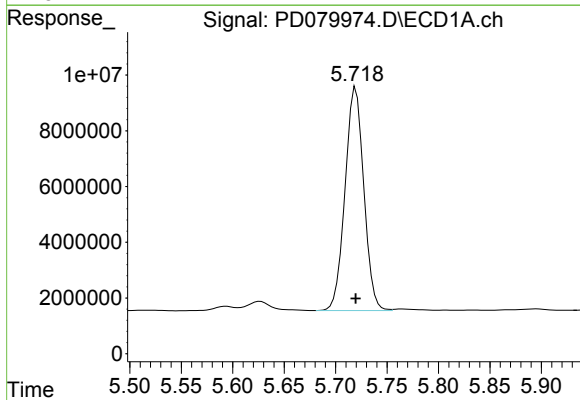
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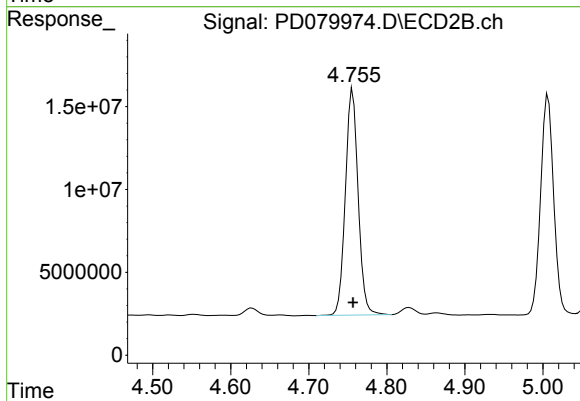
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 172003683
Conc: 45.68 ng/ml



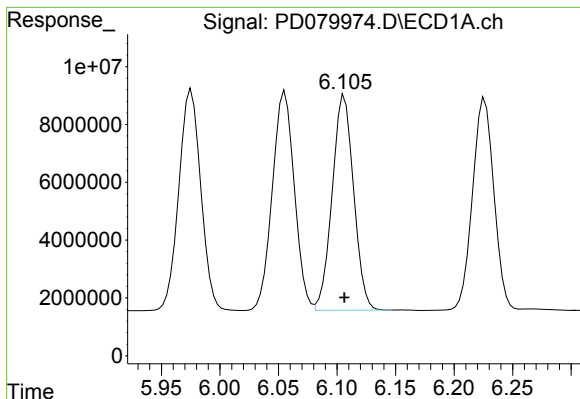
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 101755357
Conc: 46.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 155043296
Conc: 47.28 ng/ml



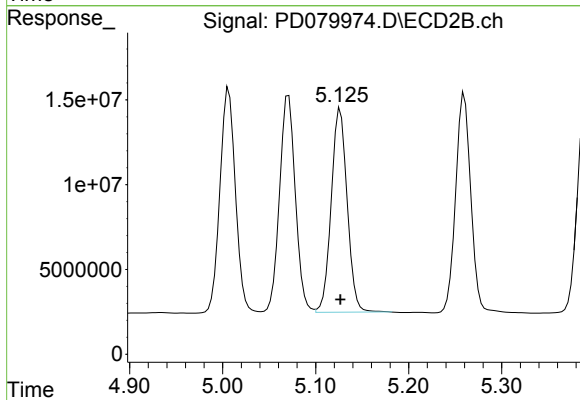
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 94977041
Conc: 46.19 ng/ml

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

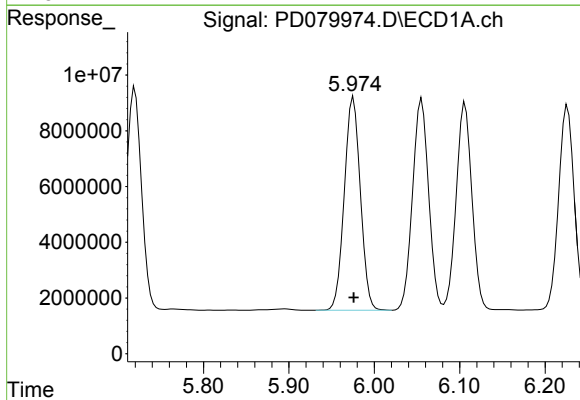
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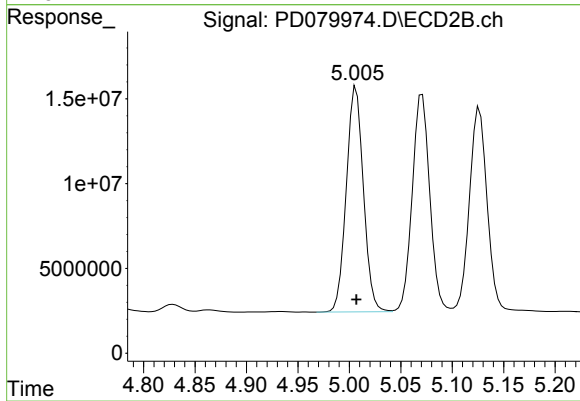
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 143519061
Conc: 47.53 ng/ml



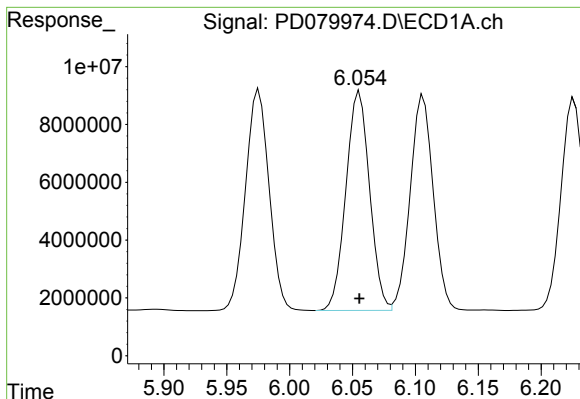
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 100076855
Conc: 45.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 153875332
Conc: 47.73 ng/ml



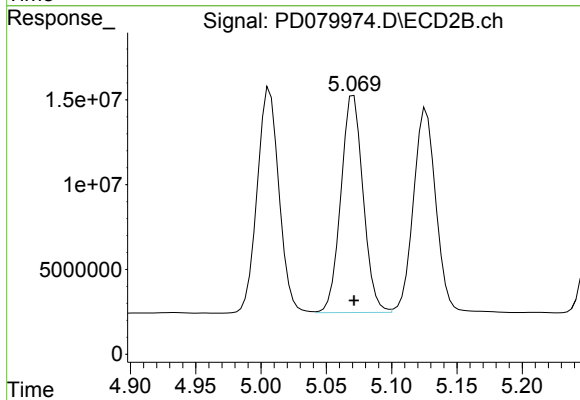
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 99404944
Conc: 46.08 ng/ml

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

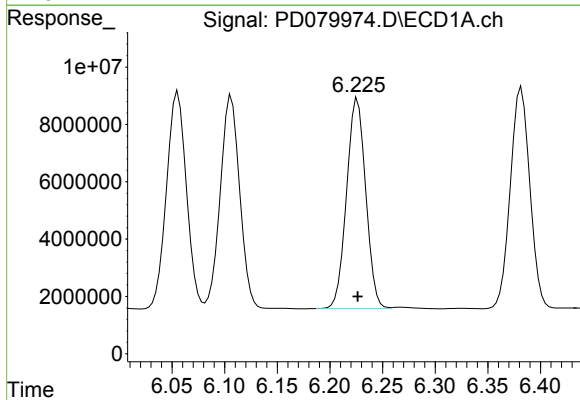
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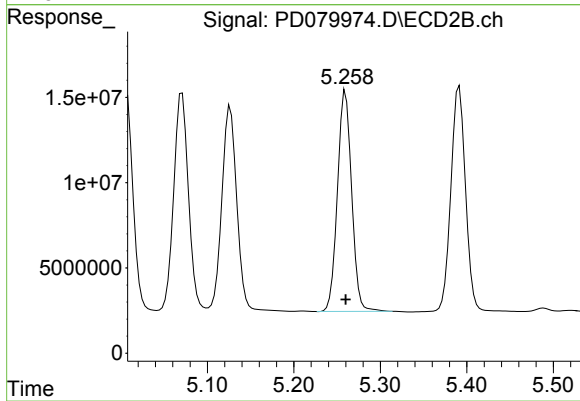
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 151980040
Conc: 47.29 ng/ml



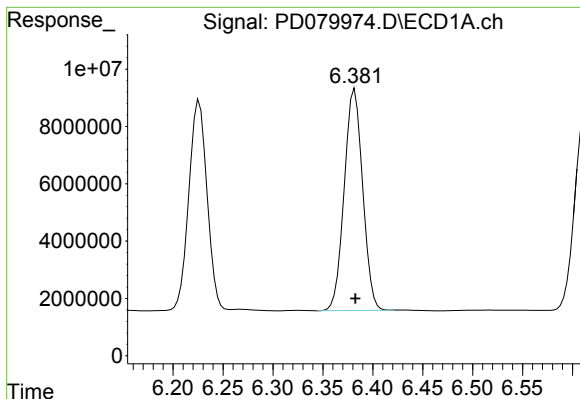
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 93461742
Conc: 46.61 ng/ml



#12 4,4'-DDE

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 146773699
Conc: 48.69 ng/ml



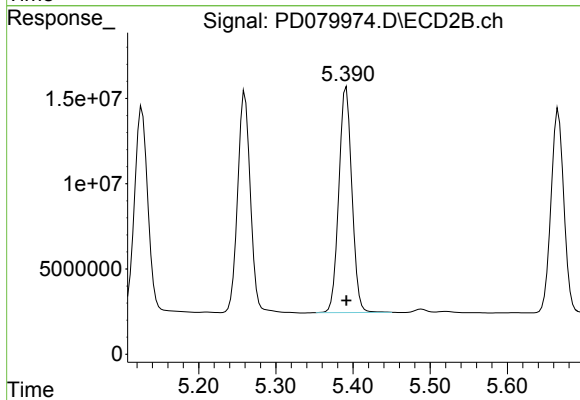
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 99660860
Conc: 45.68 ng/ml

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

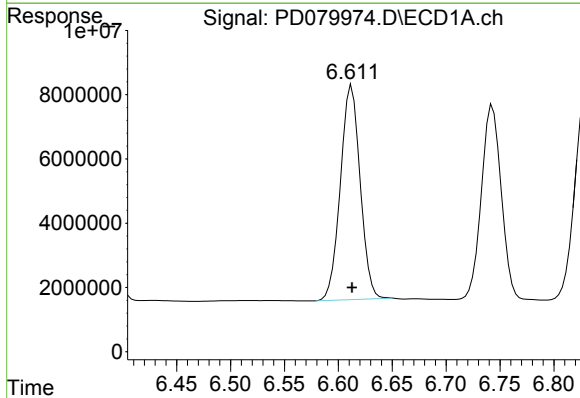
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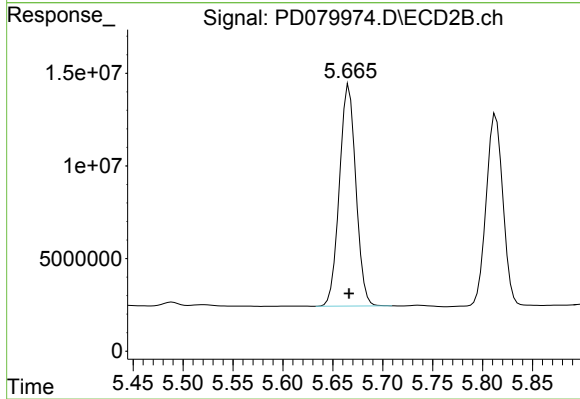
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 155552762
Conc: 47.51 ng/ml



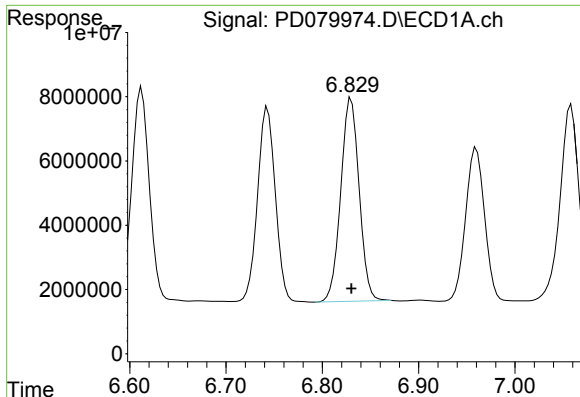
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 85302603
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 137144856
Conc: 48.80 ng/ml



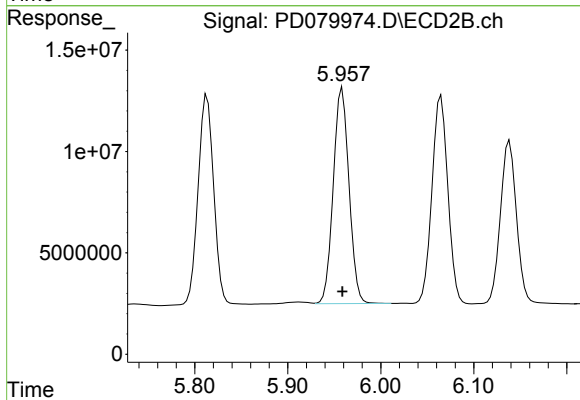
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 83654951
Conc: 43.91 ng/ml

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

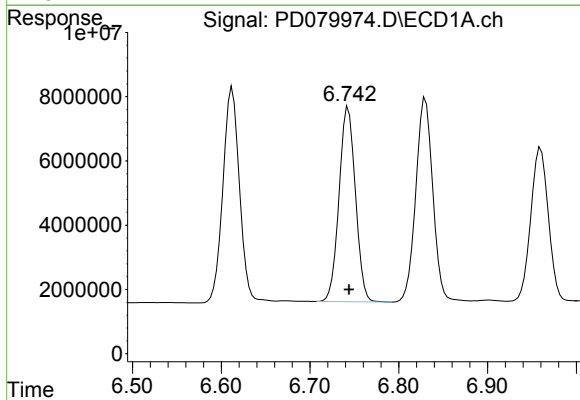
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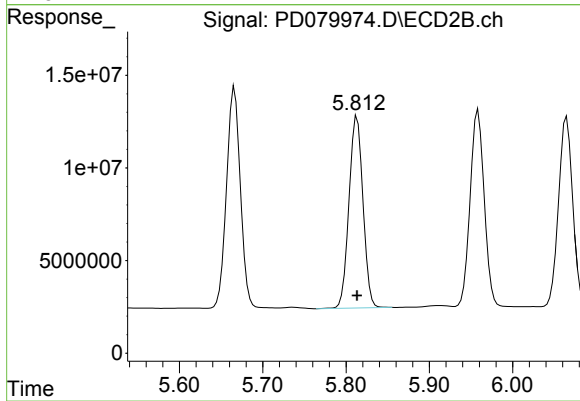
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 125377614
Conc: 45.95 ng/ml



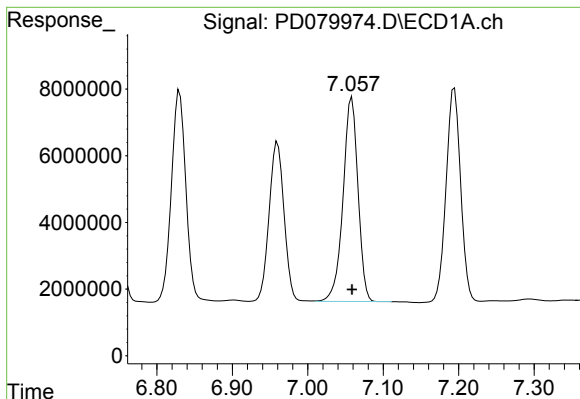
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 77774155
Conc: 46.42 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 120654355
Conc: 46.86 ng/ml



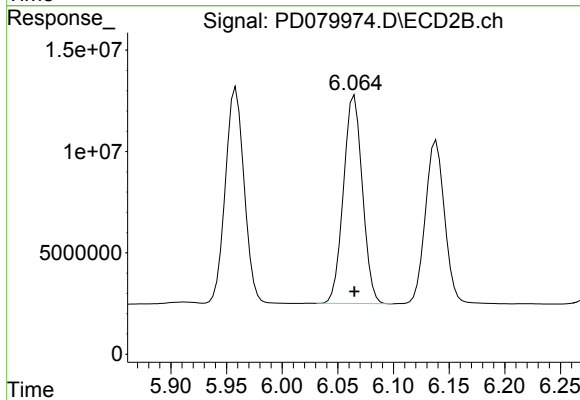
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 84326204
Conc: 47.40 ng/ml

Instrument :
ECD_D
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14TH-SOIL-1MS

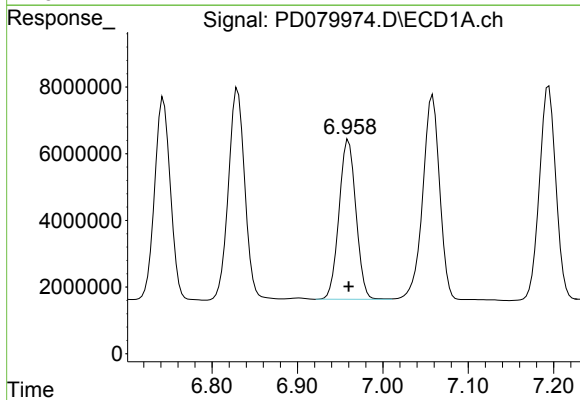
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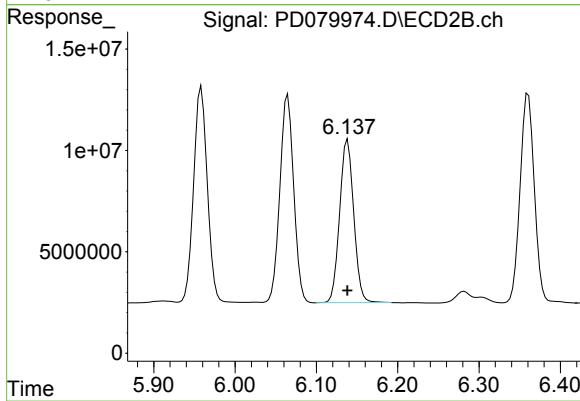
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 121757553
Conc: 47.93 ng/ml



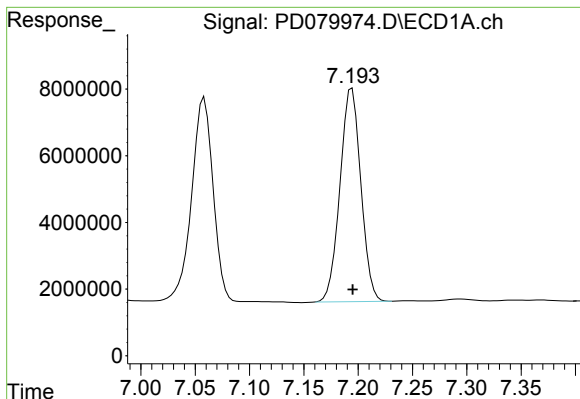
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 65974194
Conc: 46.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 96642611
Conc: 47.08 ng/ml



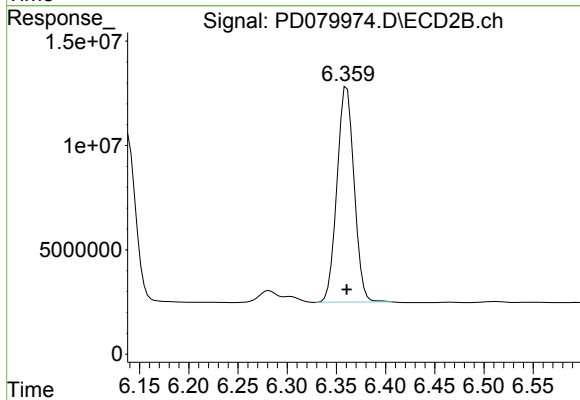
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 85572583
Conc: 45.13 ng/ml

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

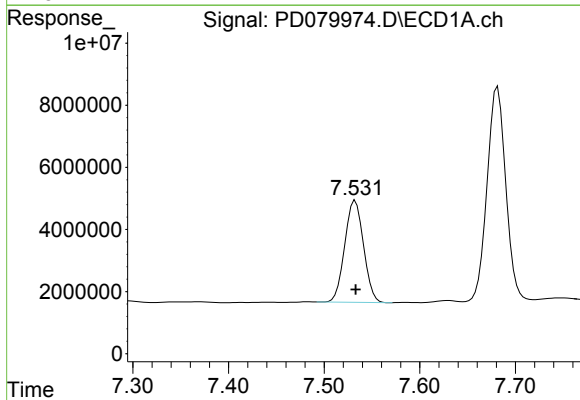
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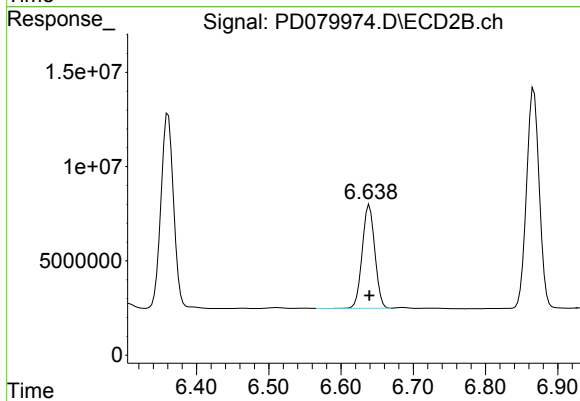
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 124958901
Conc: 46.61 ng/ml



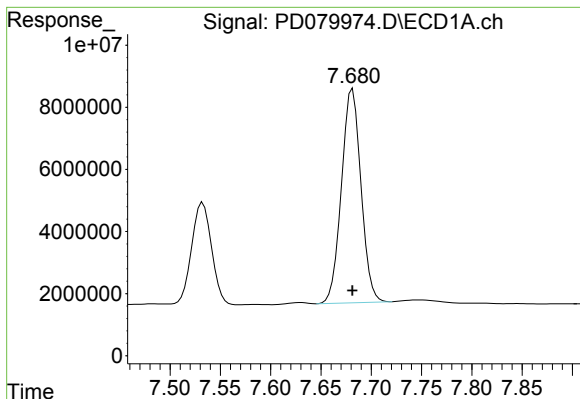
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 44877148
Conc: 45.40 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 66504780
Conc: 45.48 ng/ml



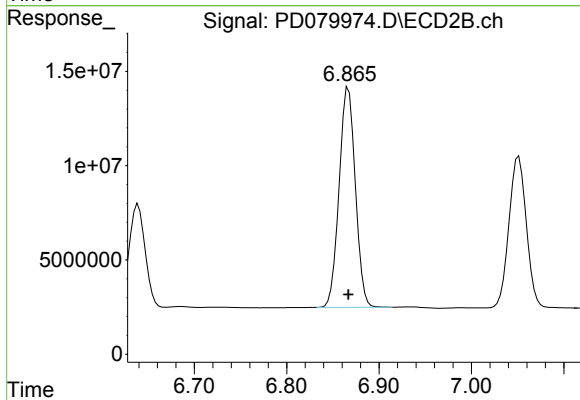
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 92764794
Conc: 44.80 ng/ml

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

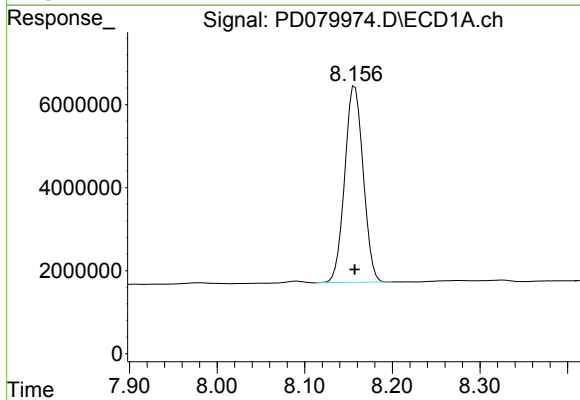
Manual Integrations
APPROVED

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



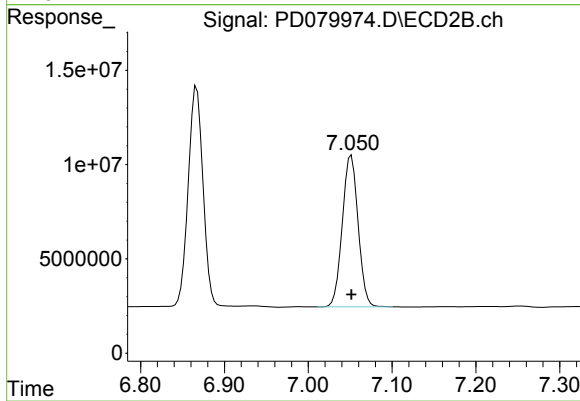
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 142586106
Conc: 45.62 ng/ml



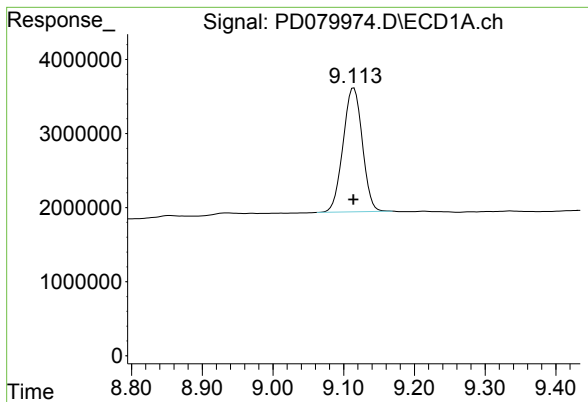
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 69322848
Conc: 42.38 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 105109730
Conc: 43.43 ng/ml



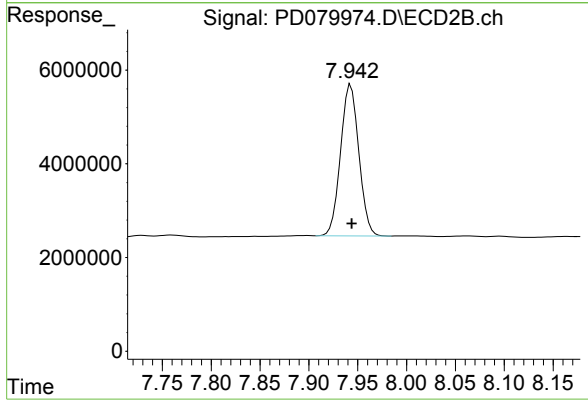
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 31670438
Conc: 15.65 ng/ml

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

Manual Integrations
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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: 42122570
Conc: 14.94 ng/ml