

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
 Data File : PL090907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2024 21:10
 Operator : AR\AJ
 Sample : P3464-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/09/2024
 Supervised By :Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:19:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.786	39379108	39686044	20.338m	22.956
28)	SA Decachlor...	9.052	7.925	30952390	33855767	21.543	20.283
Target Compounds							
2)	A alpha-BHC	3.999	3.289	144.9E6	140.1E6	52.474	56.879
3)	MA gamma-BHC...	4.329	3.618	176.7E6	129.6E6	67.182m	55.374m
4)	MA Heptachlor	4.920	3.959	114.6E6	114.0E6	46.337	49.173
5)	MB Aldrin	5.261	4.239	107.4E6	110.4E6	44.671	49.813
6)	B beta-BHC	4.526	3.917	61344021	58040188	48.729m	54.568
7)	B delta-BHC	4.774	4.147	131.5E6	128.5E6	52.535	57.491
8)	B Heptachlo...	5.687	4.741	113.8E6	110.5E6	50.065	54.205
9)	A Endosulfan I	6.071	5.111	100.3E6	102.8E6	47.867m	53.224
10)	B gamma-Chl...	5.940	4.991	107.8E6	113.8E6	47.725m	53.268
11)	B alpha-Chl...	6.022	5.055	111.0E6	113.5E6	49.545	53.179
12)	B 4,4'-DDE	6.193	5.244	96788472	100.7E6	48.825m	53.675
13)	MA Dieldrin	6.346	5.374	108.5E6	111.3E6	49.462	53.905m
14)	MA Endrin	6.575	5.649	90812766	95768123	49.585m	52.412m
15)	B Endosulfa...	6.794	5.944	95906325	95885810	47.826	52.792
16)	A 4,4'-DDD	6.709	5.798	84520610	87445986	51.269m	56.354
17)	MA 4,4'-DDT	7.024	6.047	82134990	79896835	46.071	48.181m
18)	B Endrin al...	6.925	6.124	72906428	72557292	48.409	51.248
19)	B Endosulfa...	7.159	6.346	90281081	91994519	50.335	52.698
20)	A Methoxychlor	7.499	6.623	43553147	44135461	45.642	47.816
21)	B Endrin ke...	7.643	6.850	99742318	105.8E6	50.340	53.403m
22)	Mirex	8.117	7.033	73672291	82353743	47.393	49.040

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
Data File : PL090907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2024 21:10
Operator : AR\AJ
Sample : P3464-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

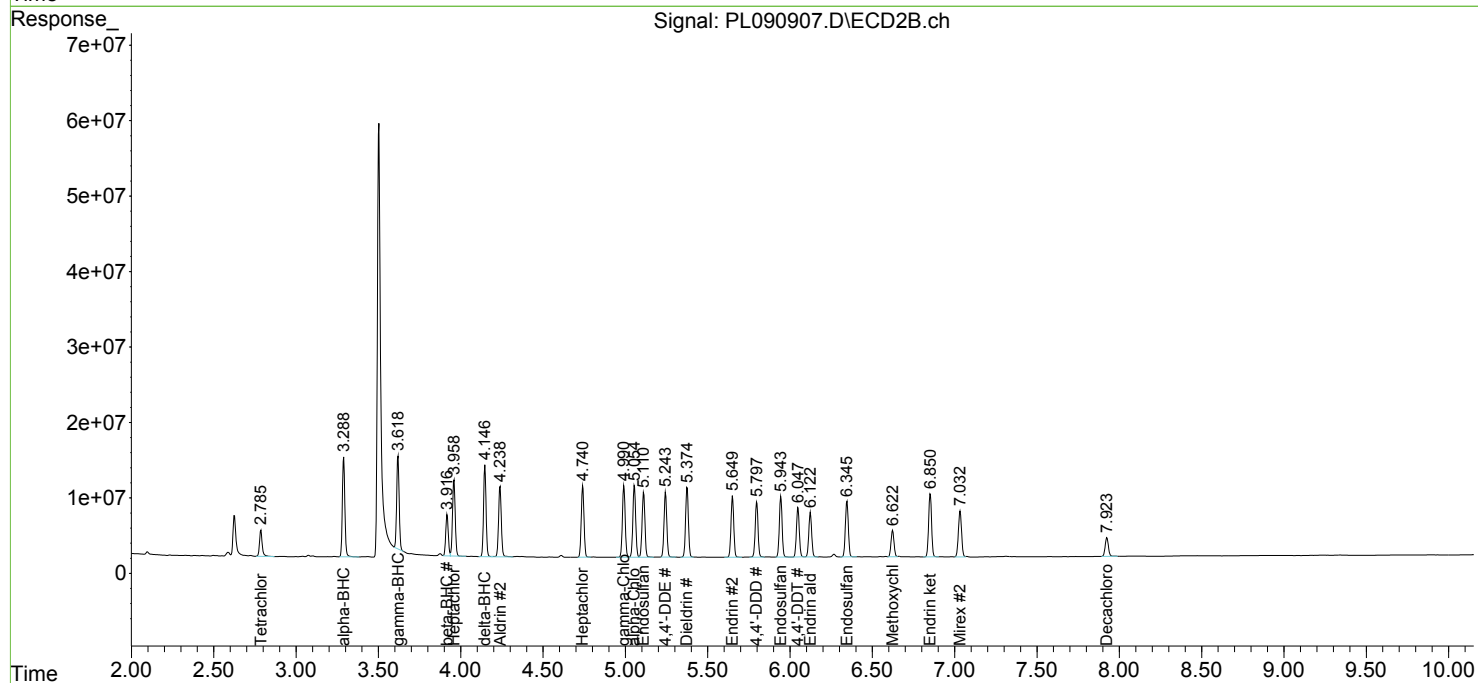
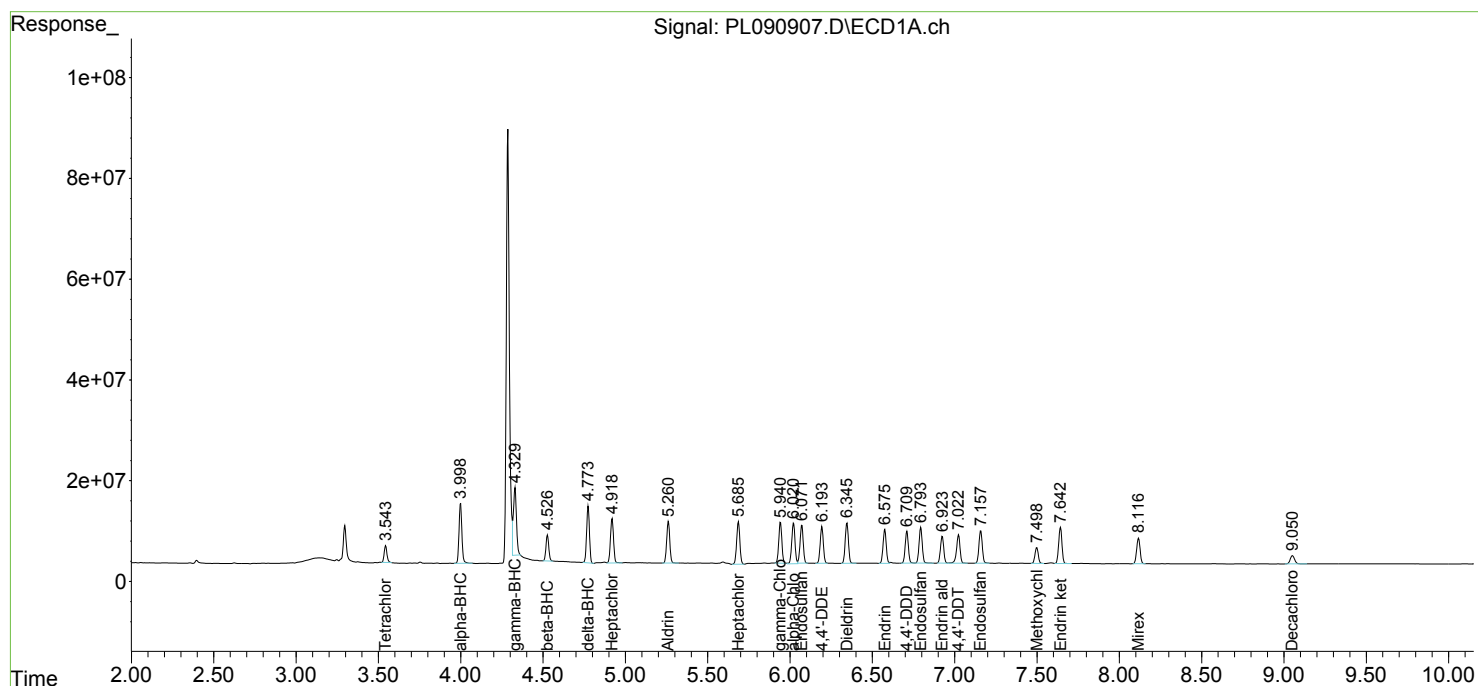
Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

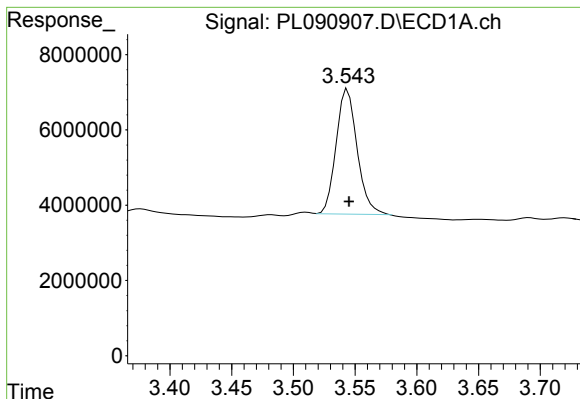
Manual Integrations
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Supervised By :Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 01:19:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

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





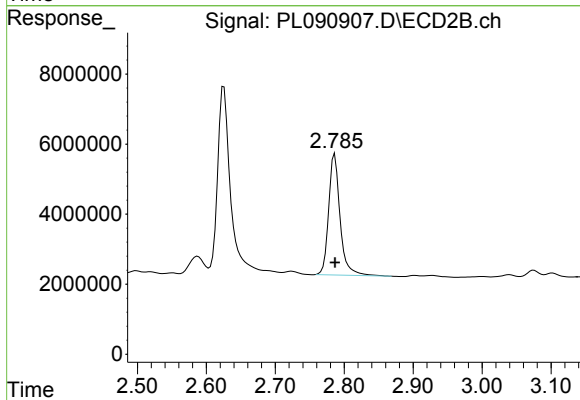
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 39379108
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

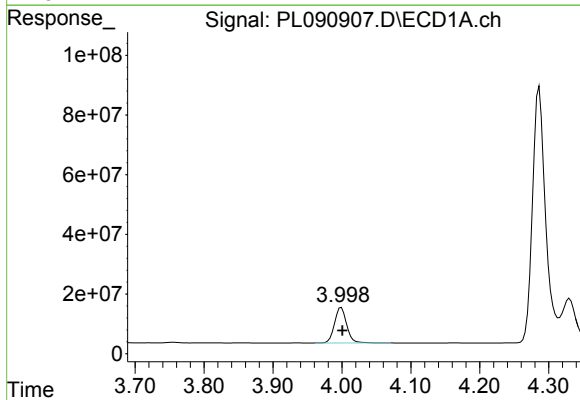
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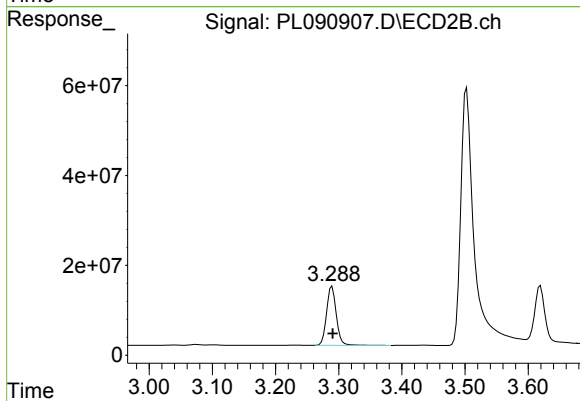
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 39686044
Conc: 22.96 ng/ml



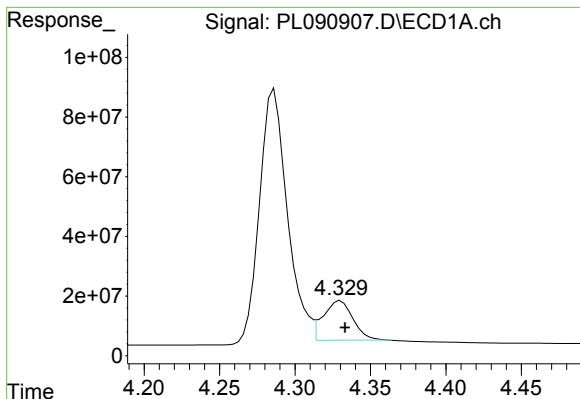
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 144943377
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 140117168
Conc: 56.88 ng/ml



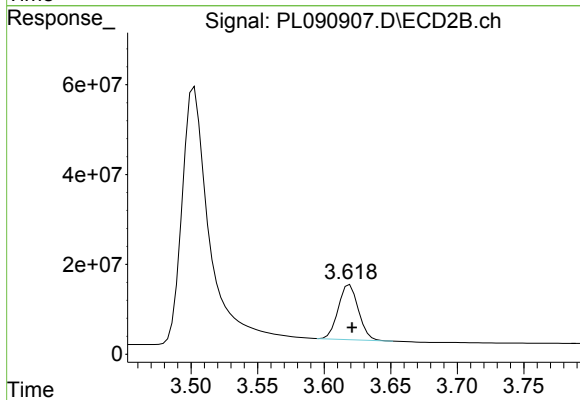
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.004 min
Response: 176693533
Conc: 67.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

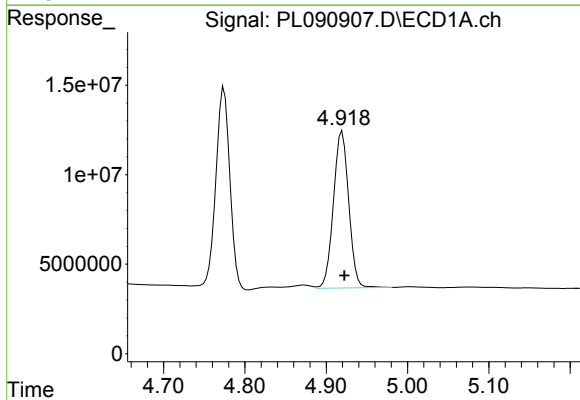
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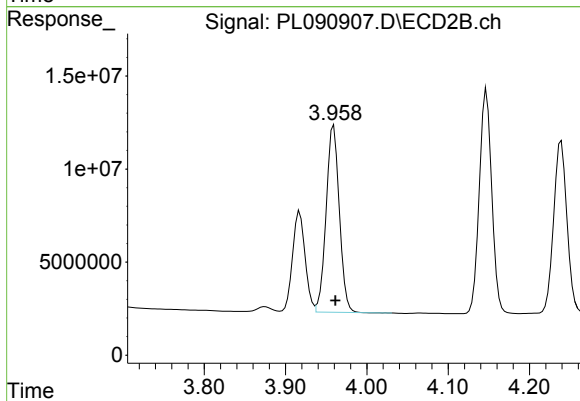
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 129642722
Conc: 55.37 ng/ml m



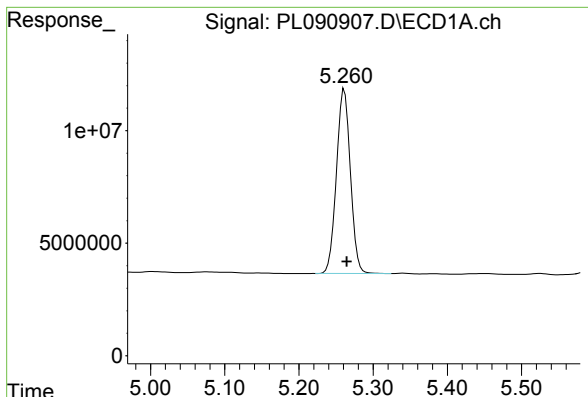
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 114595733
Conc: 46.34 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 114010893
Conc: 49.17 ng/ml



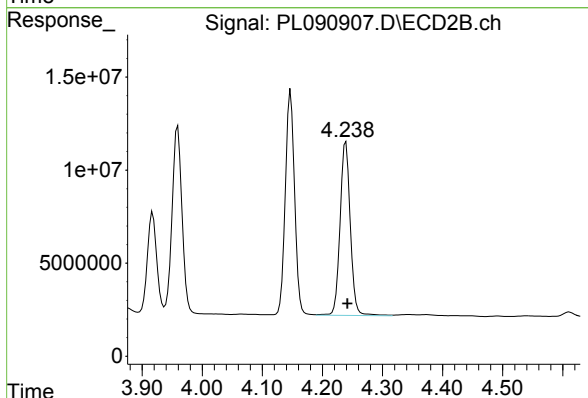
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 107380387
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

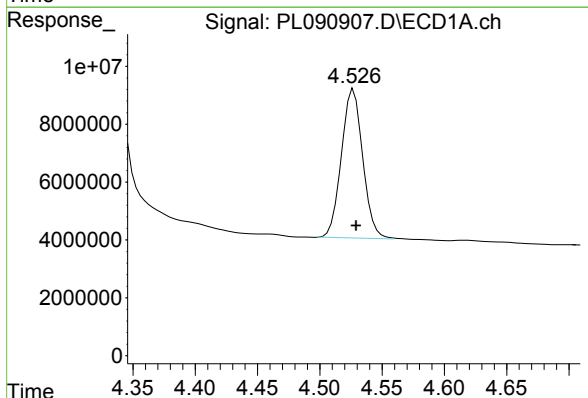
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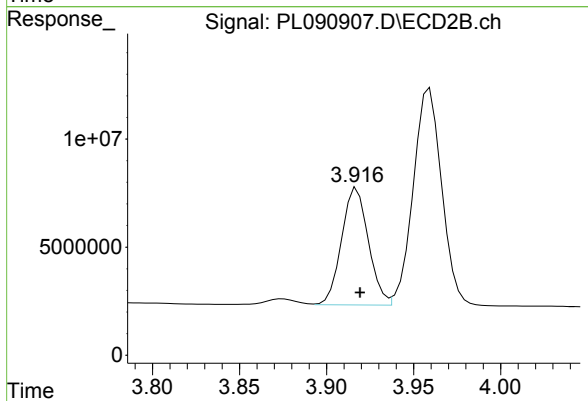
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 110439932
Conc: 49.81 ng/ml



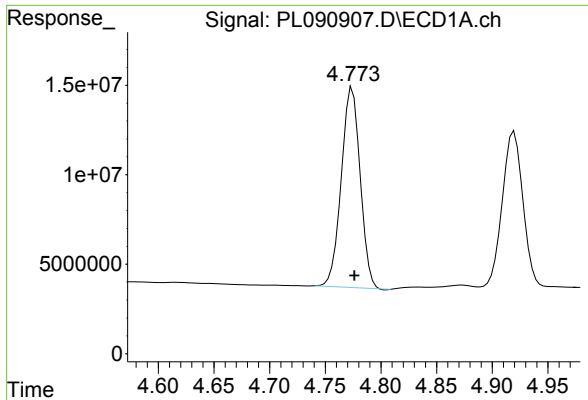
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 61344021
Conc: 48.73 ng/ml m



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 58040188
Conc: 54.57 ng/ml



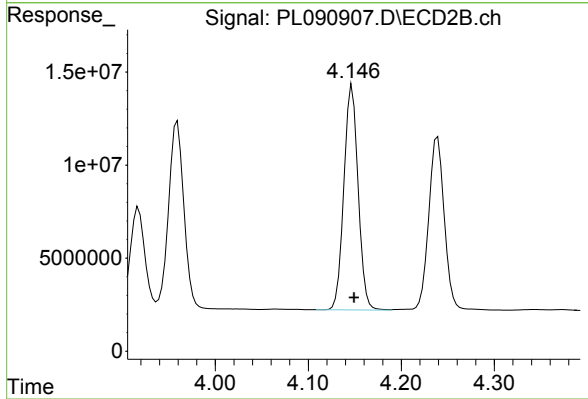
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 131521589
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

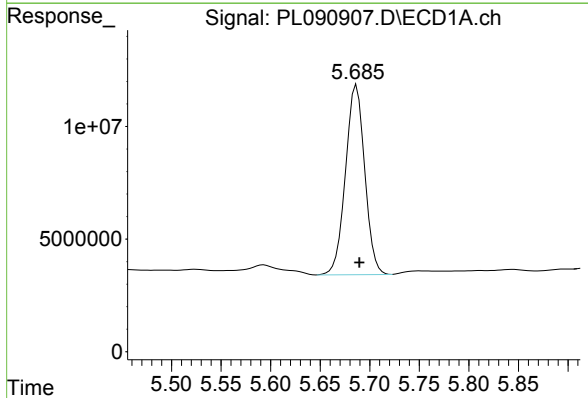
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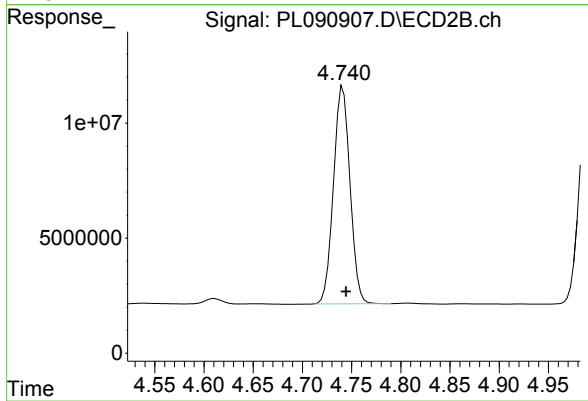
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 128480033
Conc: 57.49 ng/ml



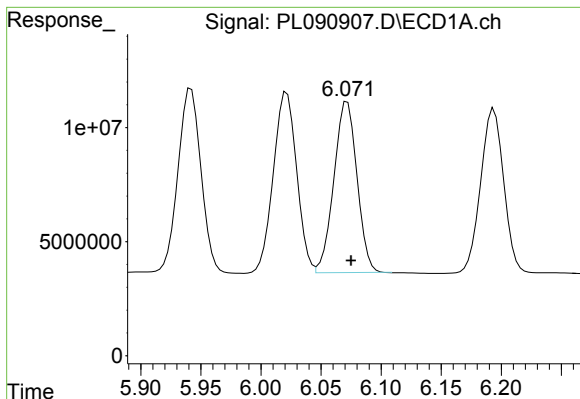
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 113769988
Conc: 50.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 110487490
Conc: 54.20 ng/ml



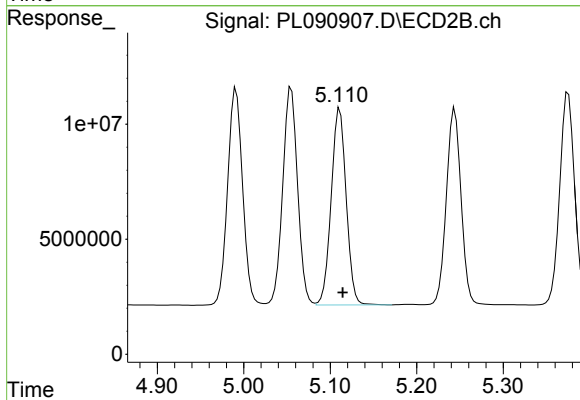
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 100338723
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

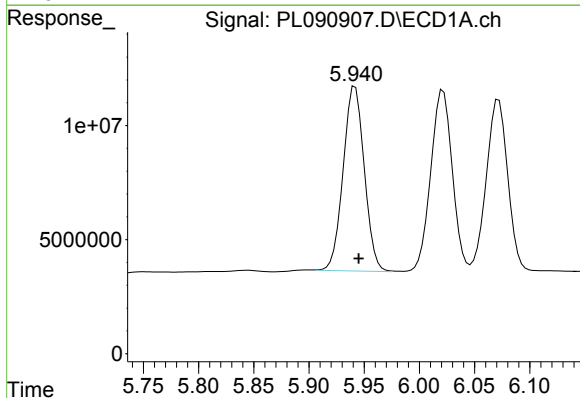
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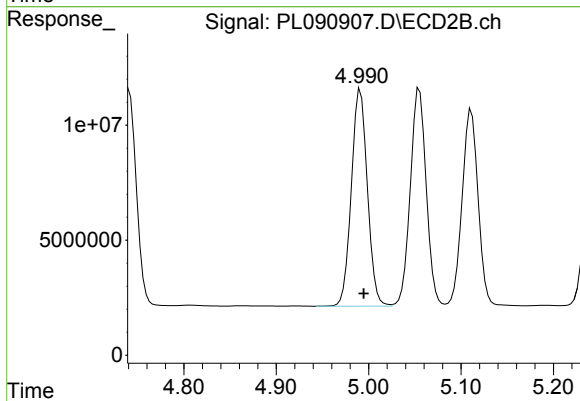
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 102780221
Conc: 53.22 ng/ml



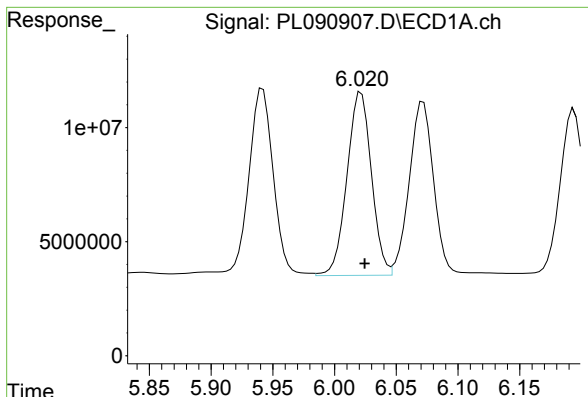
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 107837769
Conc: 47.73 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 113759545
Conc: 53.27 ng/ml



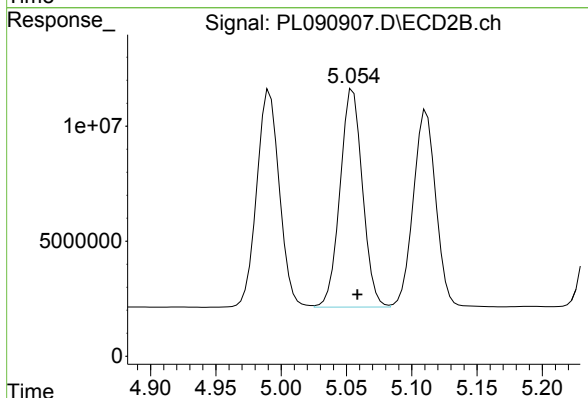
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 110958842
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

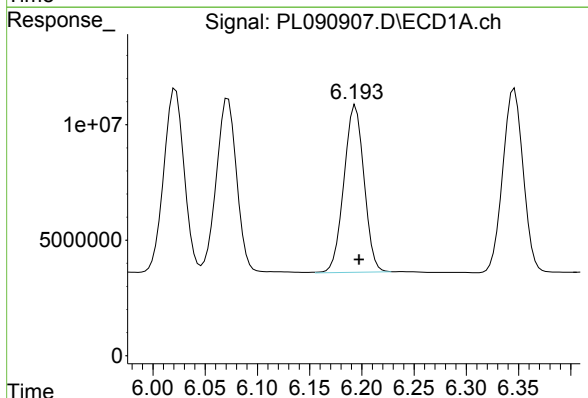
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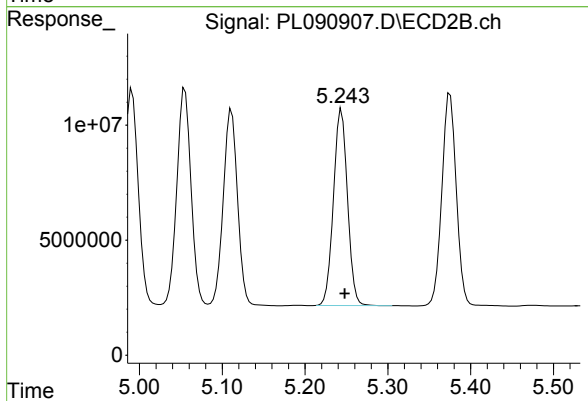
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: -0.003 min
Response: 113461827
Conc: 53.18 ng/ml



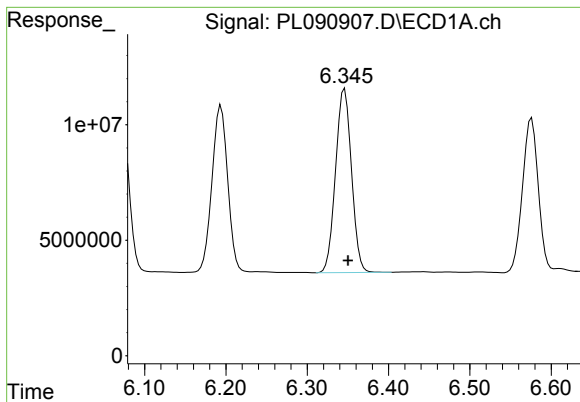
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 96788472
Conc: 48.82 ng/ml m



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 100689199
Conc: 53.68 ng/ml



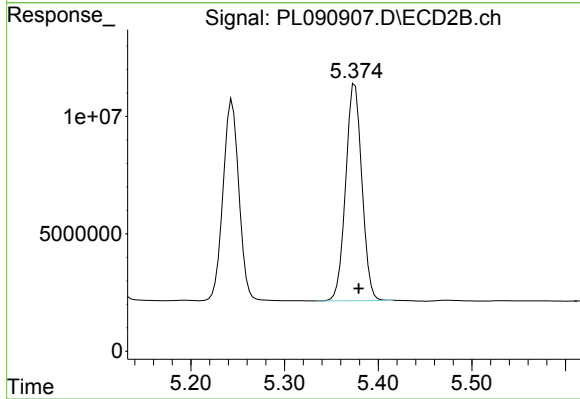
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 108485935
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

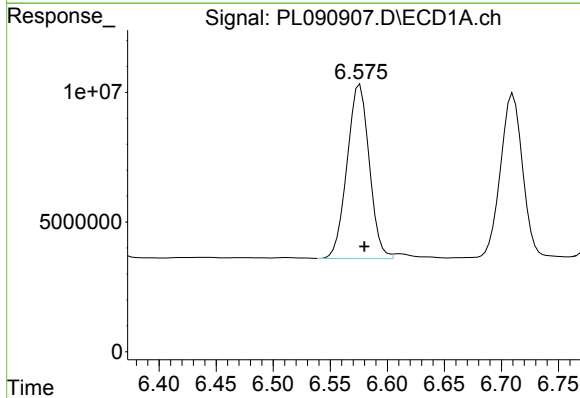
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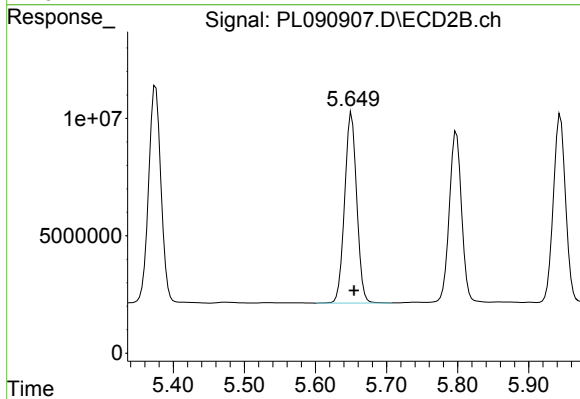
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.006 min
Response: 111300526
Conc: 53.91 ng/ml m



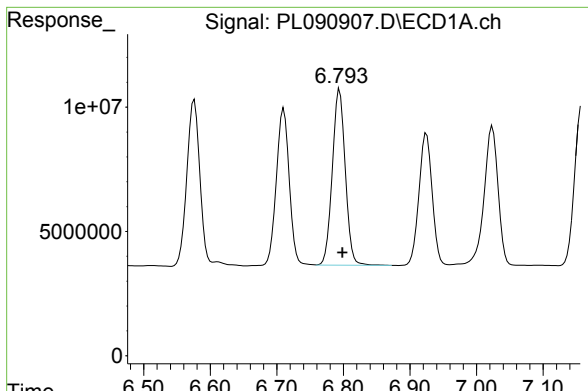
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 90812766
Conc: 49.59 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.005 min
Response: 95768123
Conc: 52.41 ng/ml m



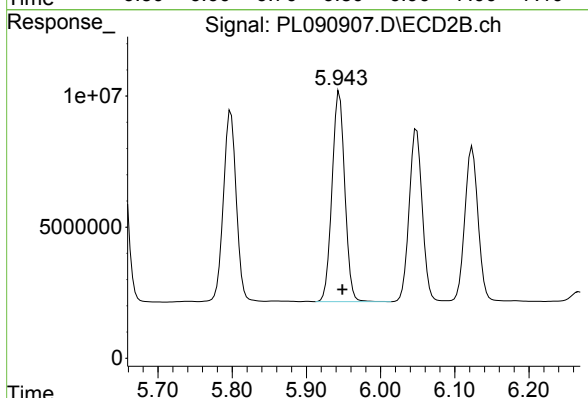
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 95906325
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

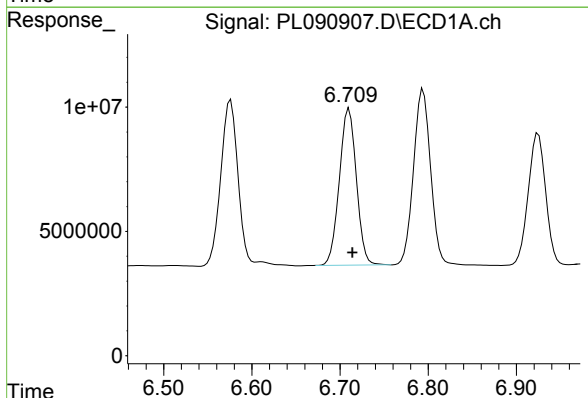
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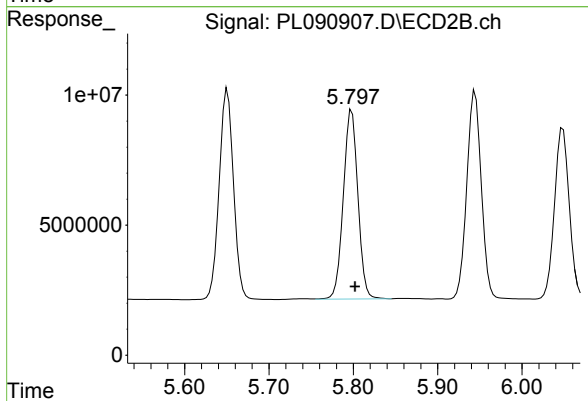
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 95885810
Conc: 52.79 ng/ml



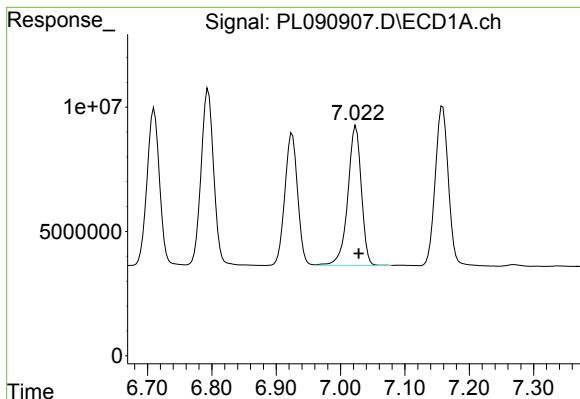
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 84520610
Conc: 51.27 ng/ml m



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 87445986
Conc: 56.35 ng/ml



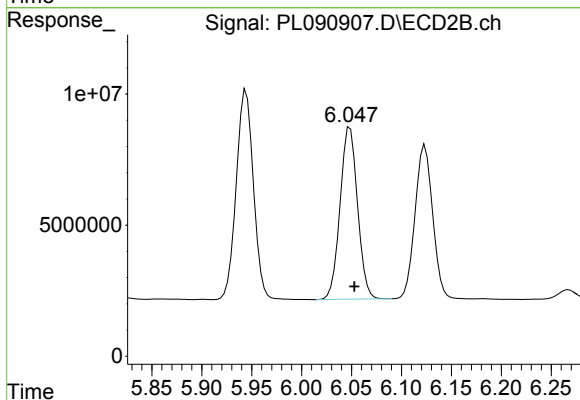
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.005 min
Response: 82134990
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

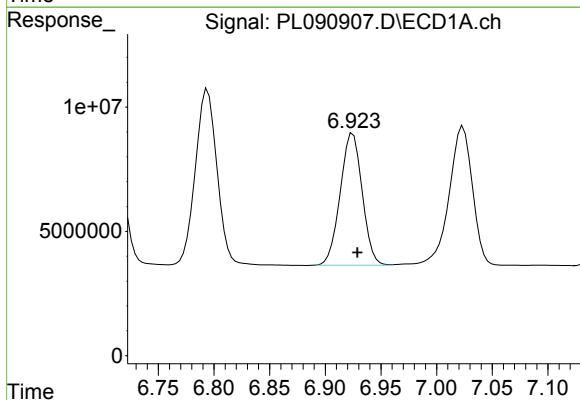
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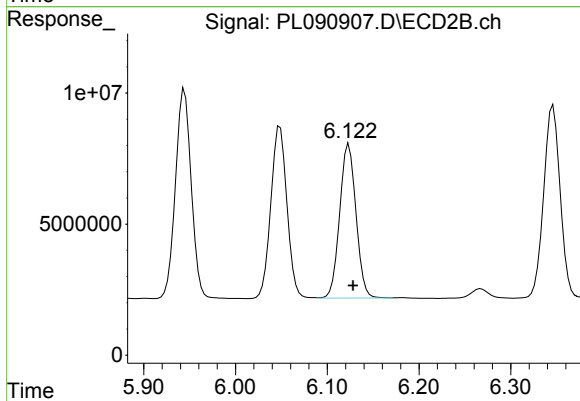
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.006 min
Response: 79896835
Conc: 48.18 ng/ml m



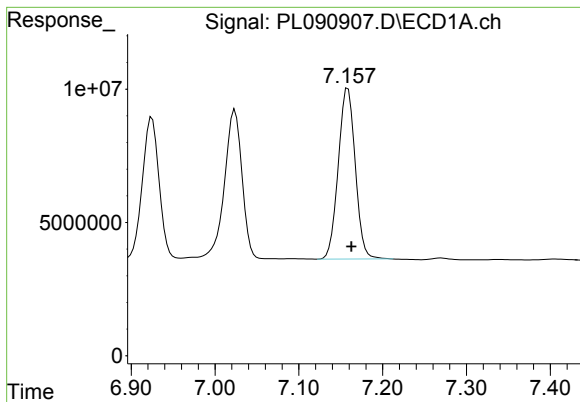
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.004 min
Response: 72906428
Conc: 48.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.004 min
Response: 72557292
Conc: 51.25 ng/ml



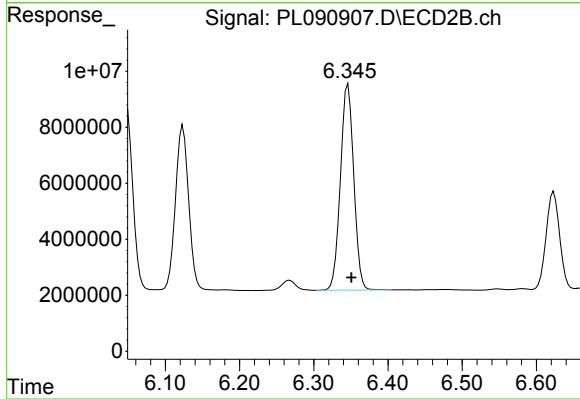
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 90281081
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

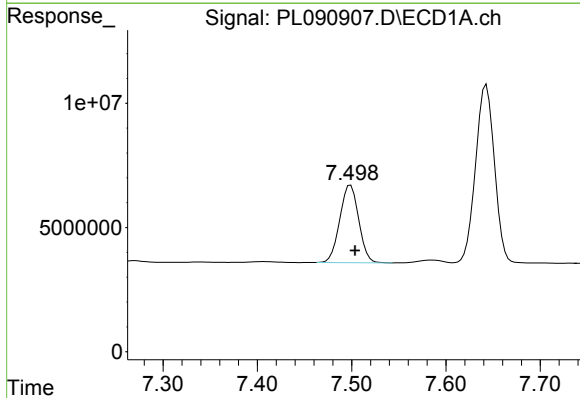
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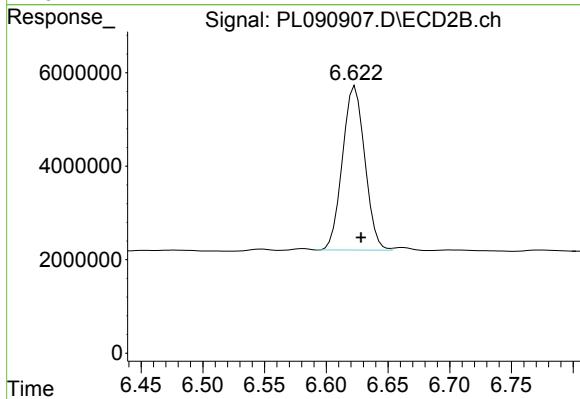
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 91994519
Conc: 52.70 ng/ml



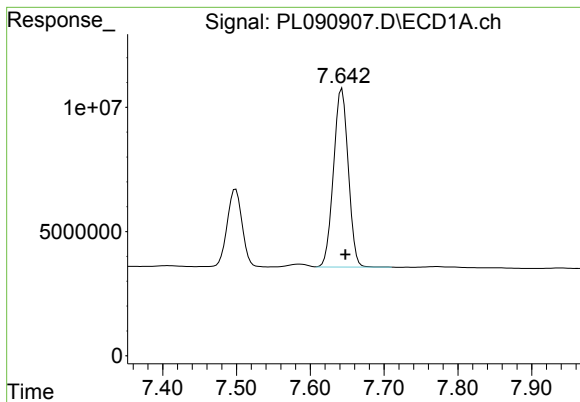
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.005 min
Response: 43553147
Conc: 45.64 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 44135461
Conc: 47.82 ng/ml



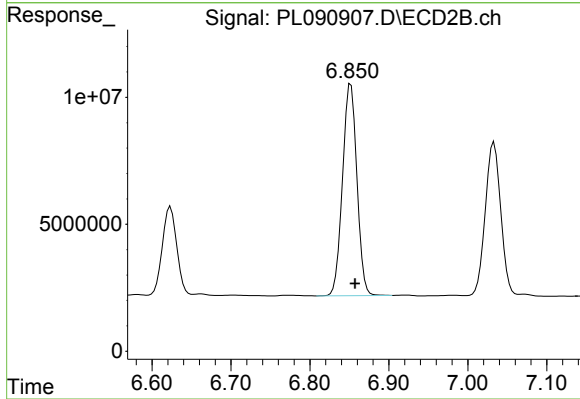
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 99742318
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

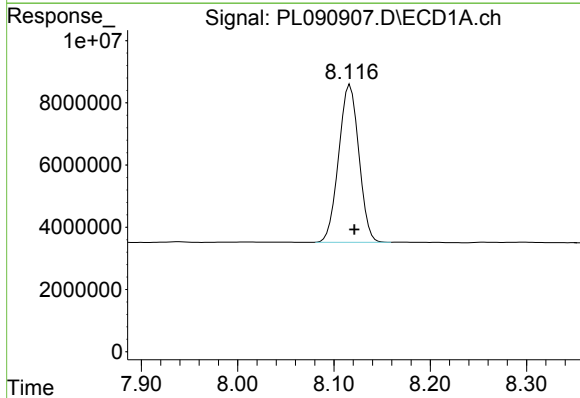
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/09/2024
Supervised By :Ankita Jodhani 08/09/2024



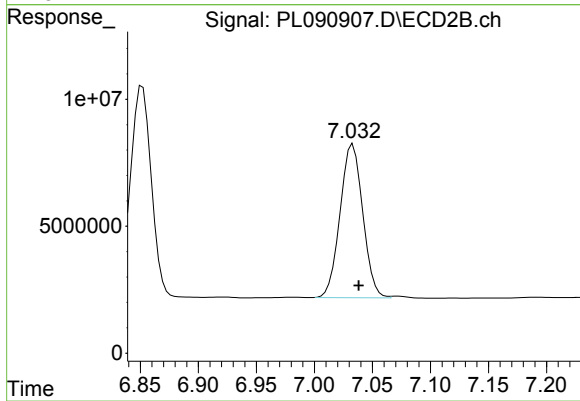
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 105839840
Conc: 53.40 ng/ml m



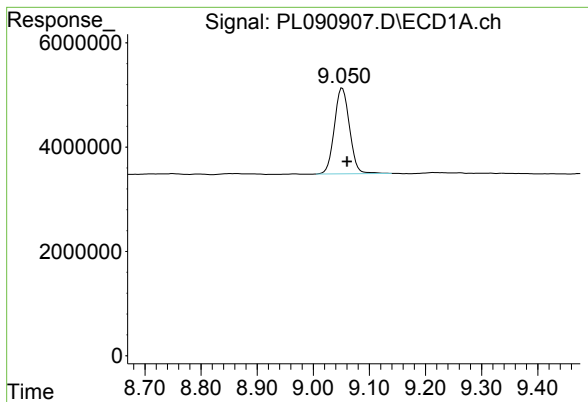
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.005 min
Response: 73672291
Conc: 47.39 ng/ml



#22 Mirex

R.T.: 7.033 min
Delta R.T.: -0.005 min
Response: 82353743
Conc: 49.04 ng/ml



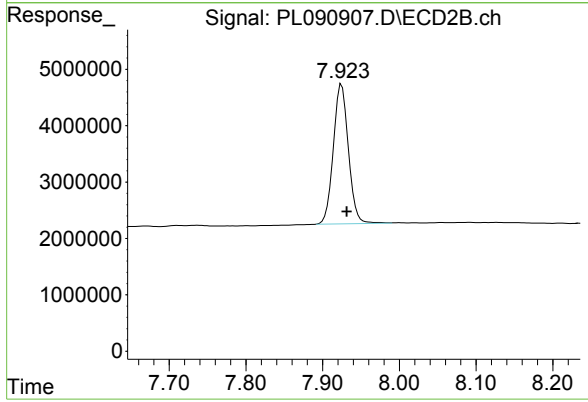
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.008 min
Response: 30952390
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMS

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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.007 min
Response: 33855767
Conc: 20.28 ng/ml