

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
 Data File : PL090908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2024 21:24
 Operator : AR\AJ
 Sample : P3464-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOILMSD

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 01:19:54 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	2.785	40562618	40204615	20.949m	23.256m
28)	SA Decachlor...	9.052	7.925	31161160	33228476	21.689	19.907
Target Compounds							
2)	A alpha-BHC	3.999	3.289	145.6E6	141.8E6	52.700	57.572
3)	MA gamma-BHC...	4.329	3.618	191.0E6	130.6E6	72.635m	55.803m
4)	MA Heptachlor	4.920	3.959	115.0E6	115.4E6	46.519	49.761
5)	MB Aldrin	5.261	4.239	108.5E6	111.2E6	45.123	50.134
6)	B beta-BHC	4.526	3.917	61482316	58543086	48.838m	55.041
7)	B delta-BHC	4.774	4.147	132.4E6	129.6E6	52.872	58.011
8)	B Heptachlo...	5.686	4.740	115.2E6	112.0E6	50.706	54.951m
9)	A Endosulfan I	6.072	5.111	106.4E6	103.8E6	50.781	53.757
10)	B gamma-Chl...	5.941	4.991	108.8E6	114.9E6	48.140m	53.799
11)	B alpha-Chl...	6.022	5.055	111.8E6	114.6E6	49.931	53.707
12)	B 4,4'-DDE	6.193	5.244	96757590	101.9E6	48.809m	54.311
13)	MA Dieldrin	6.347	5.374	109.0E6	113.8E6	49.716	55.132m
14)	MA Endrin	6.574	5.649	92422740	97364840	50.465m	53.286m
15)	B Endosulfa...	6.794	5.944	96012807	96858244	47.879	53.328
16)	A 4,4'-DDD	6.710	5.798	84923634	88640315	51.514	57.124
17)	MA 4,4'-DDT	7.024	6.047	83444229	81038782	46.806	48.869m
18)	B Endrin al...	6.924	6.124	73827232	73279152	49.021	51.758
19)	B Endosulfa...	7.159	6.346	90345256	93346266	50.371	53.472
20)	A Methoxychlor	7.499	6.623	44525466	44953067	46.661	48.701
21)	B Endrin ke...	7.642	6.850	101.1E6	107.1E6	51.024	54.054m
22)	Mirex	8.116	7.032	75112353	83549565	48.320	49.752m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
Data File : PL090908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2024 21:24
Operator : AR\AJ
Sample : P3464-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

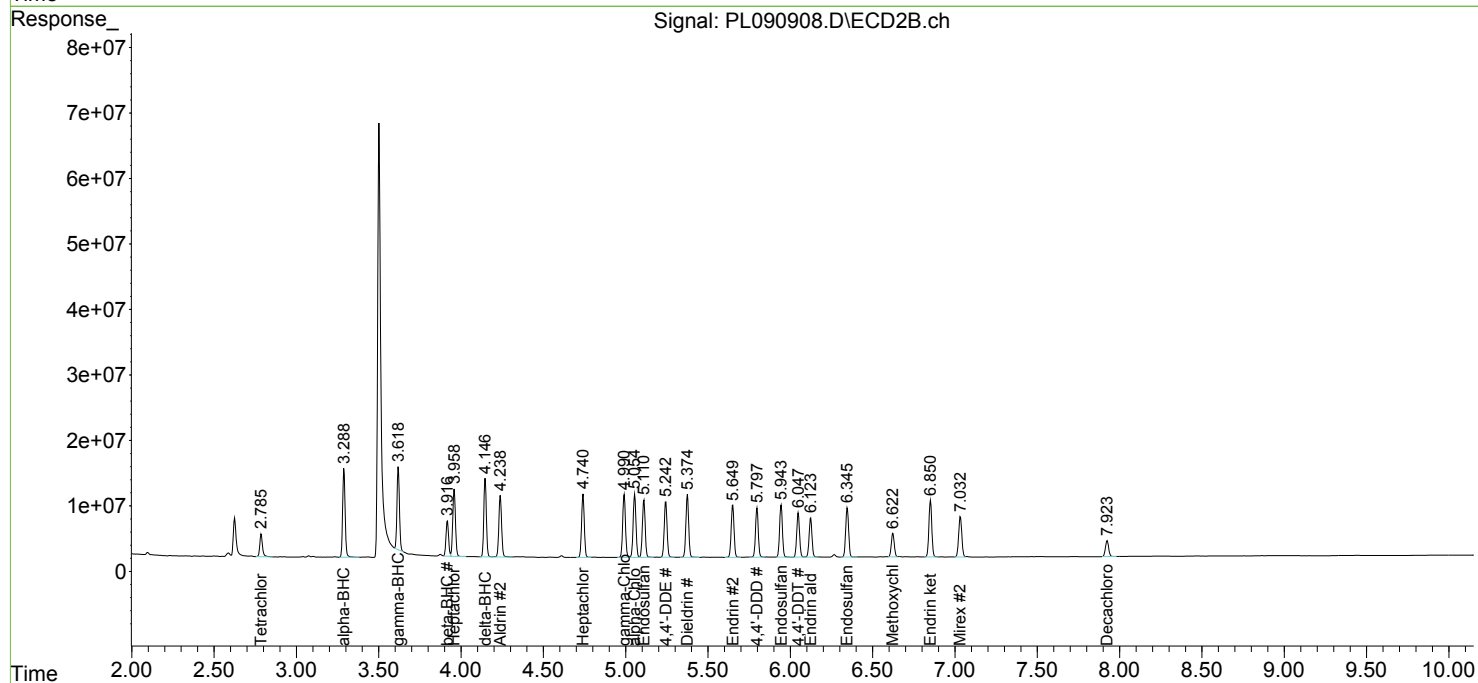
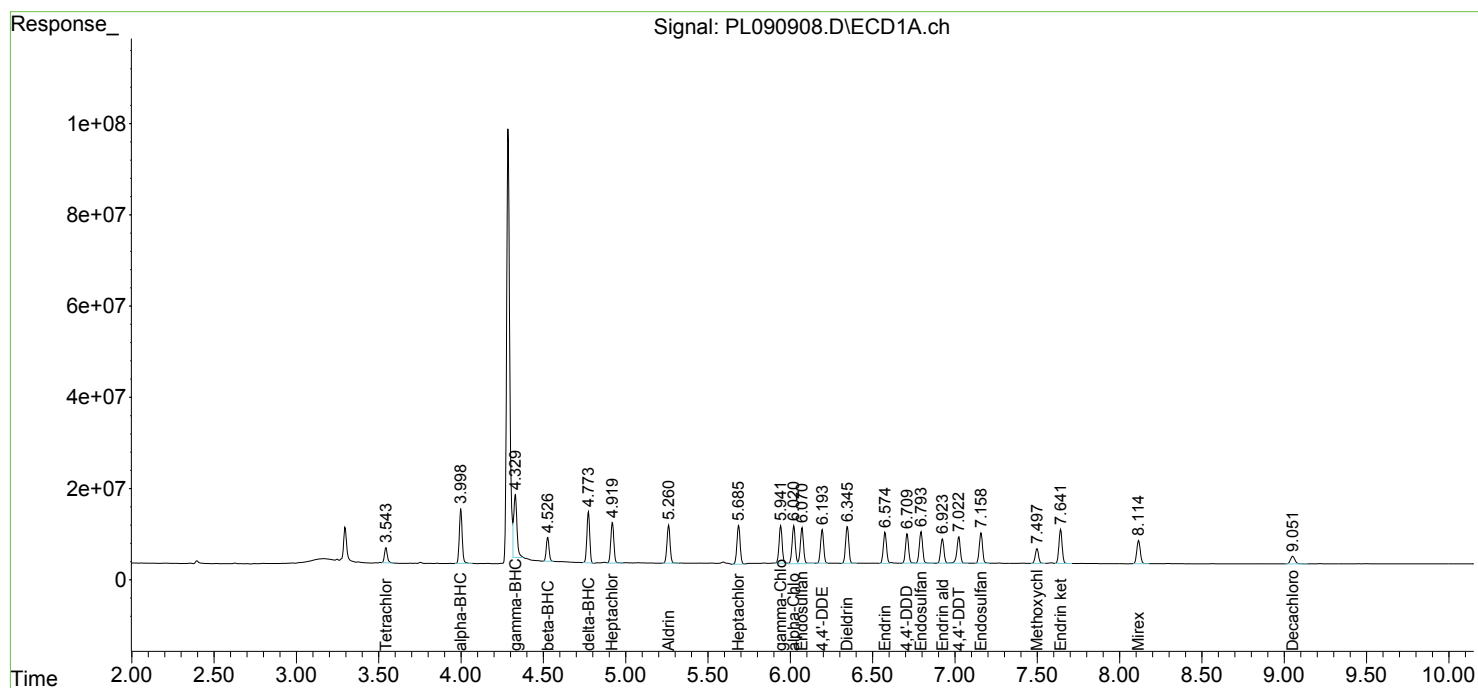
Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

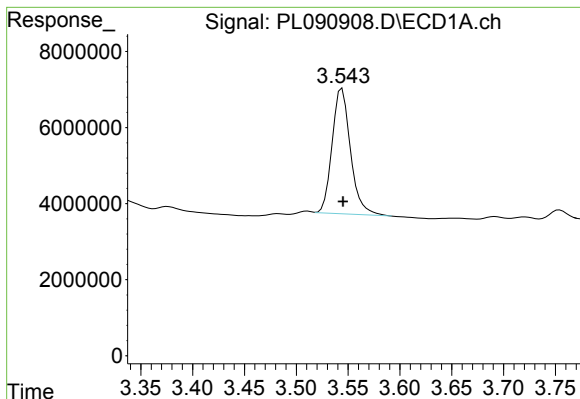
Manual Integrations
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Supervised By : Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 01:19:54 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





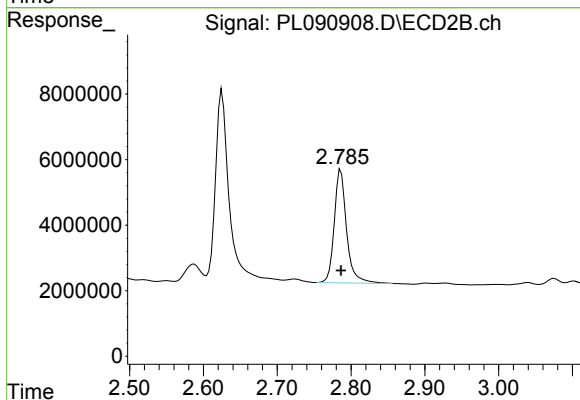
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 40562618
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

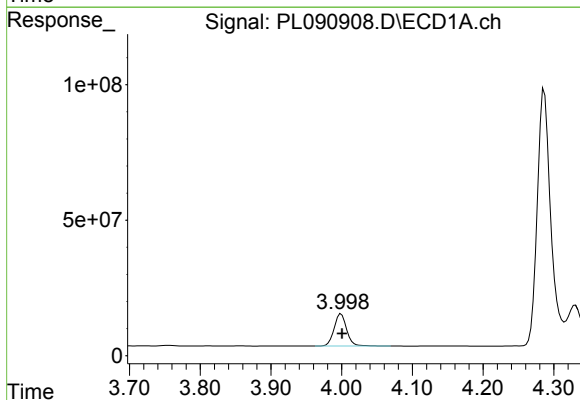
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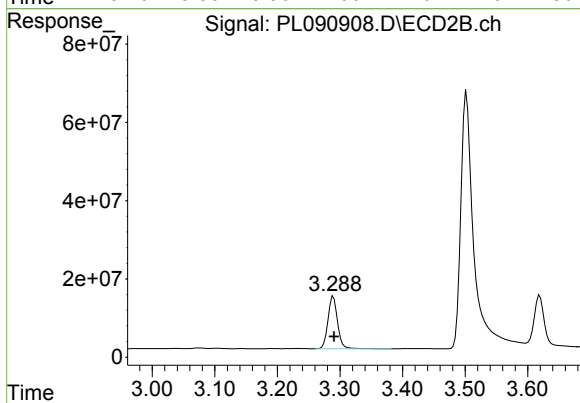
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.002 min
Response: 40204615
Conc: 23.26 ng/ml m



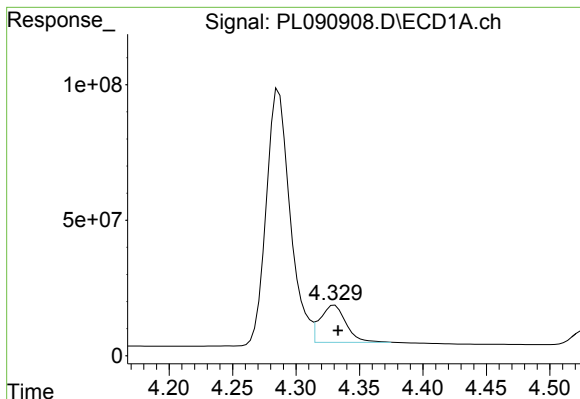
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 145568378
Conc: 52.70 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 141824559
Conc: 57.57 ng/ml



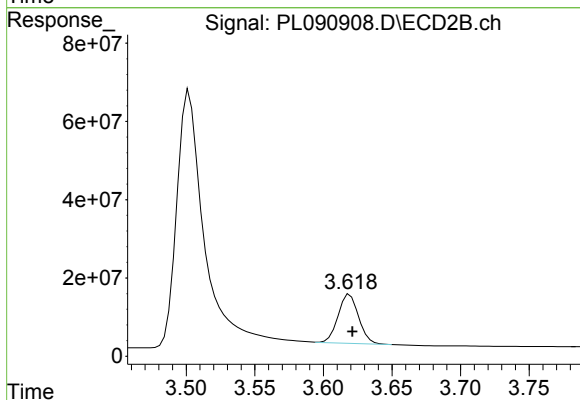
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.004 min
Response: 191035239
Conc: 72.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

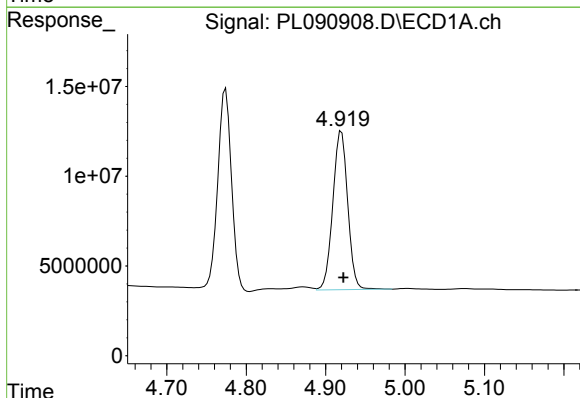
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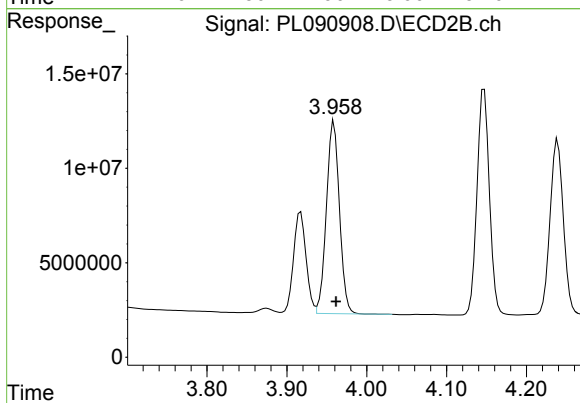
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 130646143
Conc: 55.80 ng/ml m



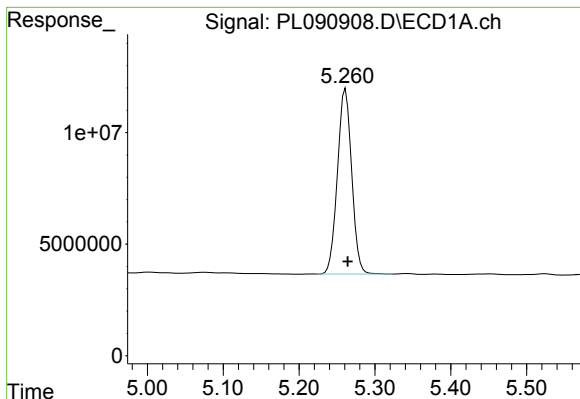
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 115045908
Conc: 46.52 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 115374594
Conc: 49.76 ng/ml



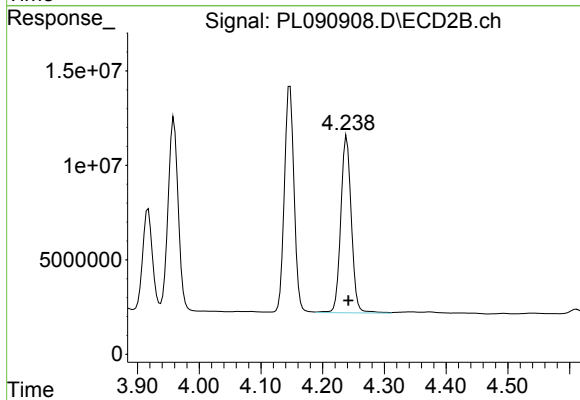
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 108466034
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

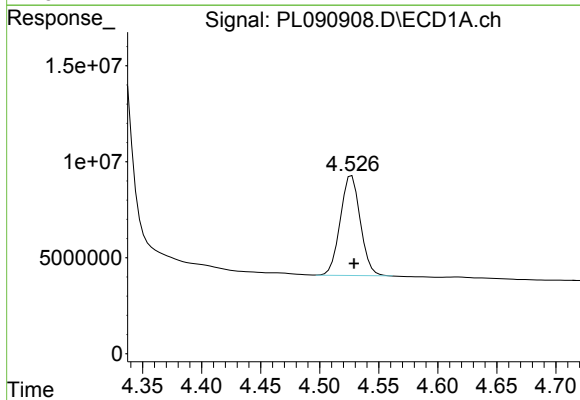
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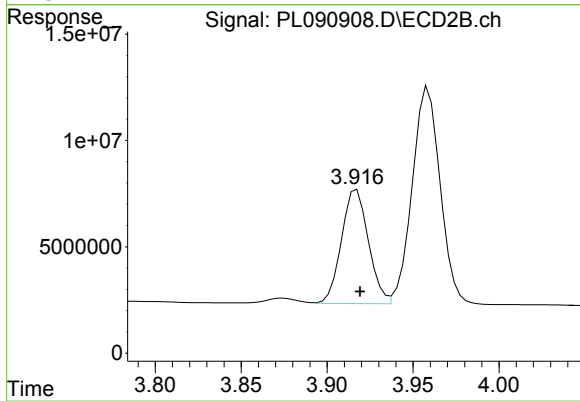
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 111150829
Conc: 50.13 ng/ml



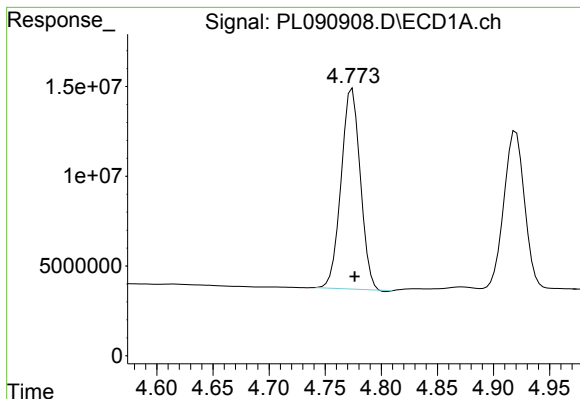
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 61482316
Conc: 48.84 ng/ml m



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 58543086
Conc: 55.04 ng/ml



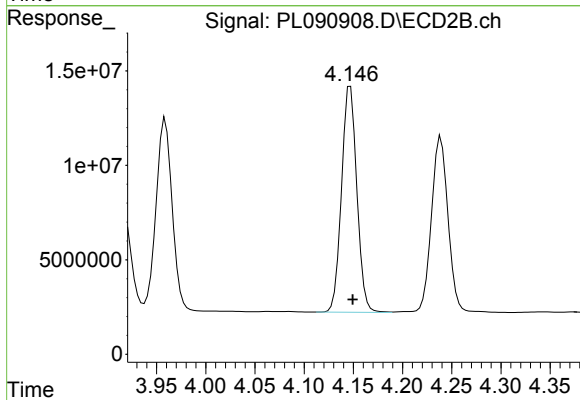
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 132363913
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

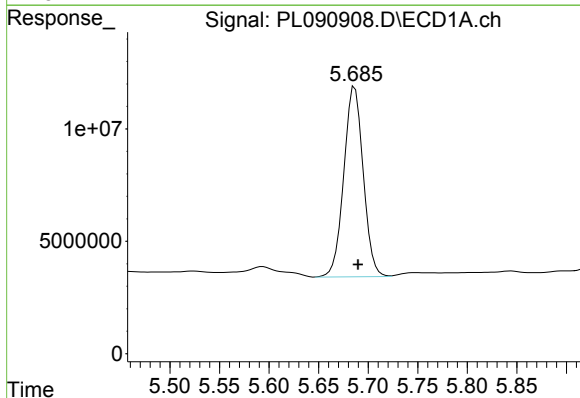
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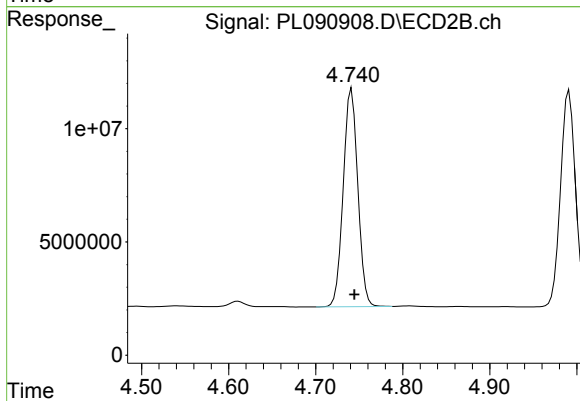
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 129642778
Conc: 58.01 ng/ml



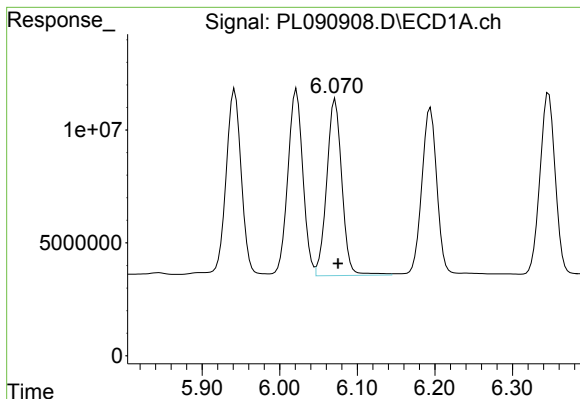
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 115226517
Conc: 50.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.740 min
Delta R.T.: -0.005 min
Response: 112008005
Conc: 54.95 ng/ml m



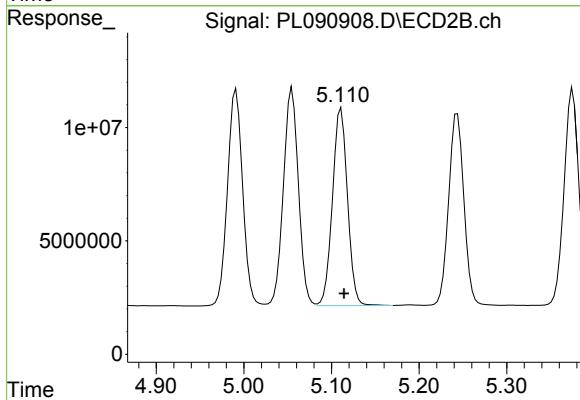
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 106447785
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

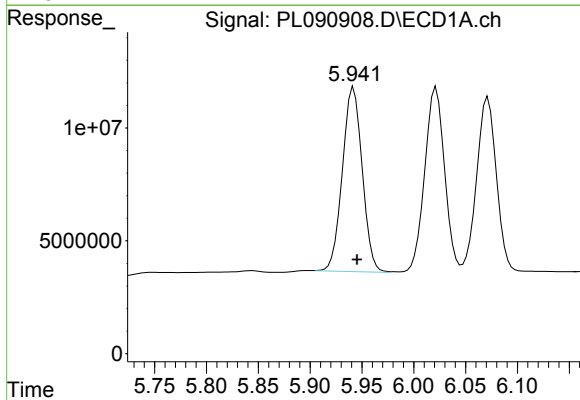
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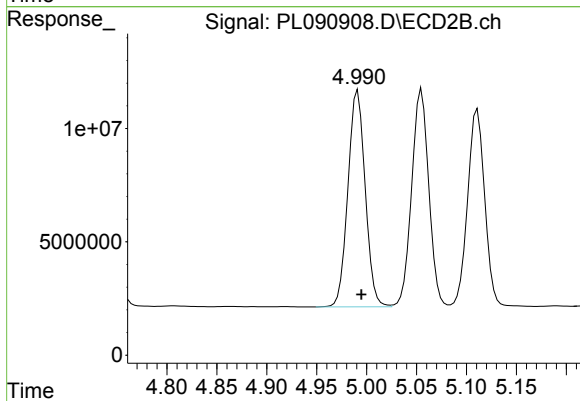
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 103809009
Conc: 53.76 ng/ml



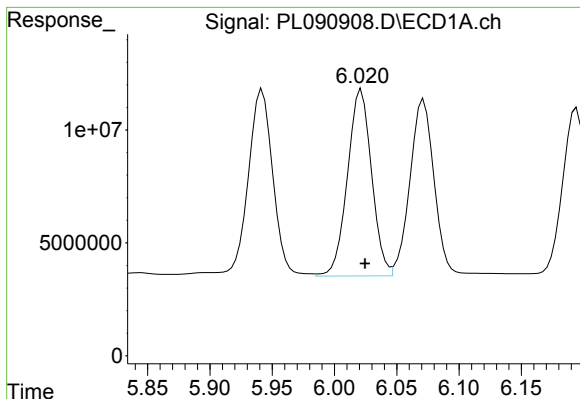
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 108773350
Conc: 48.14 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 114893365
Conc: 53.80 ng/ml



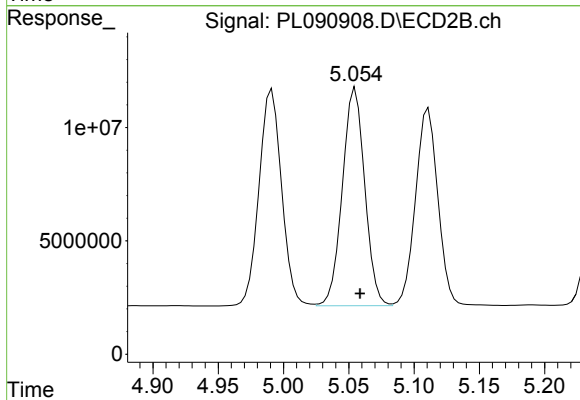
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 111823150
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

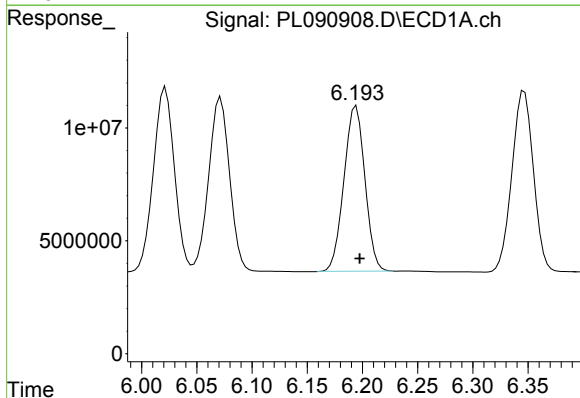
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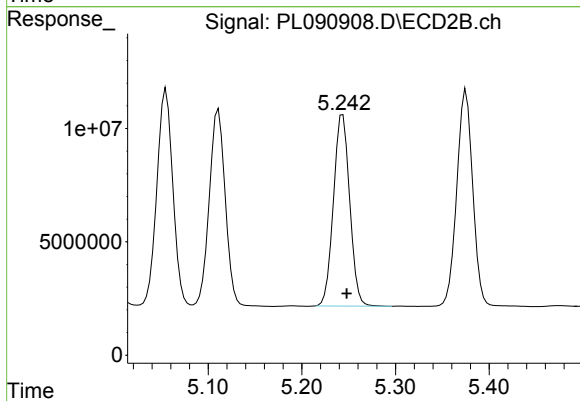
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: -0.003 min
Response: 114588867
Conc: 53.71 ng/ml



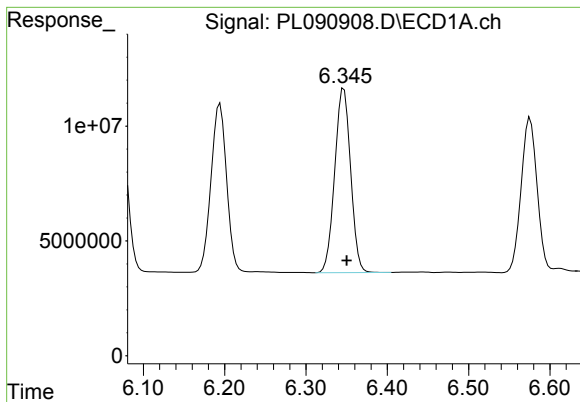
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.004 min
Response: 96757590
Conc: 48.81 ng/ml m



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 101882029
Conc: 54.31 ng/ml



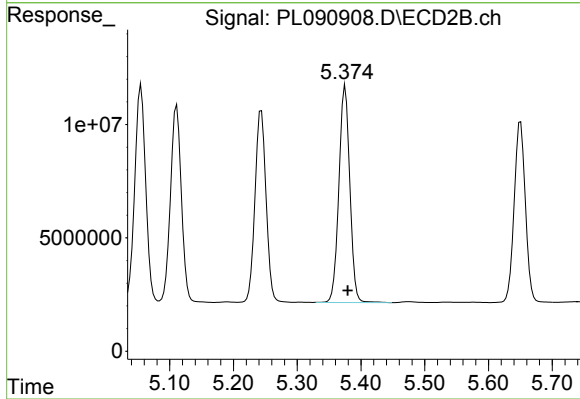
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 109043593
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

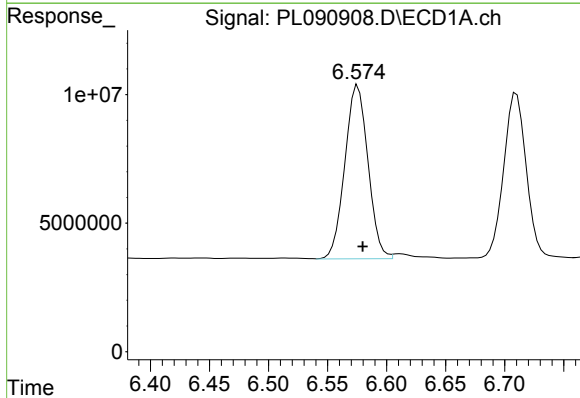
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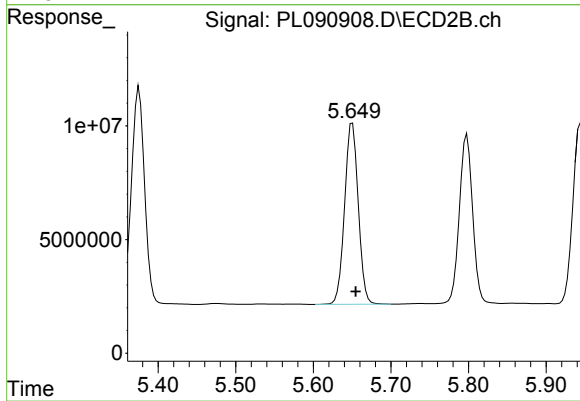
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 113834247
Conc: 55.13 ng/ml m



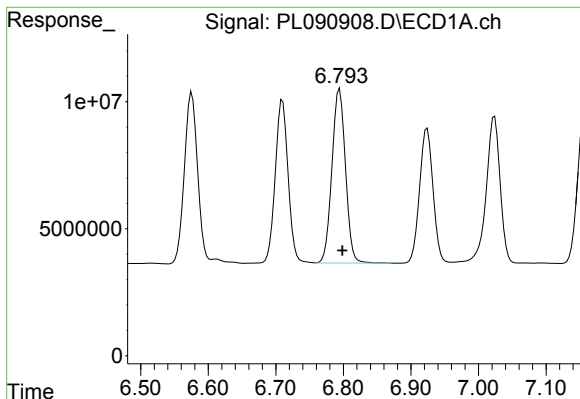
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 92422740
Conc: 50.46 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.005 min
Response: 97364840
Conc: 53.29 ng/ml m



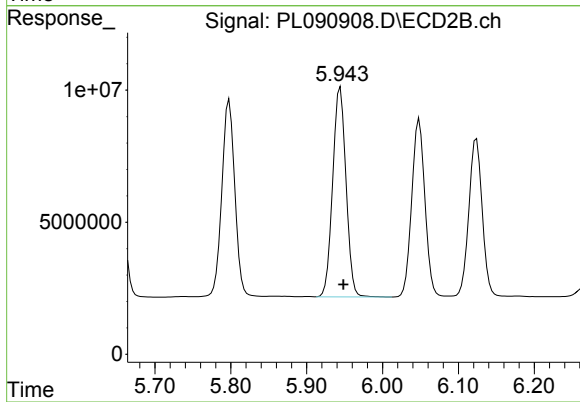
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 96012807
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

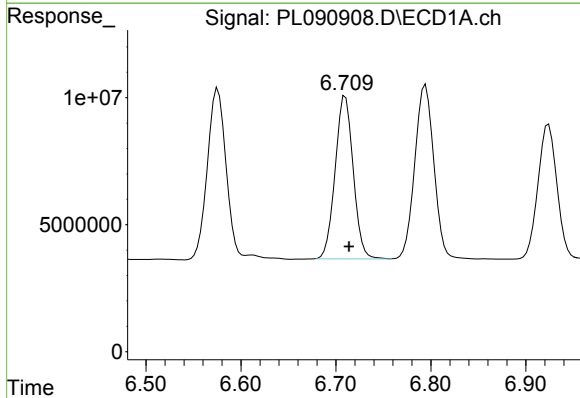
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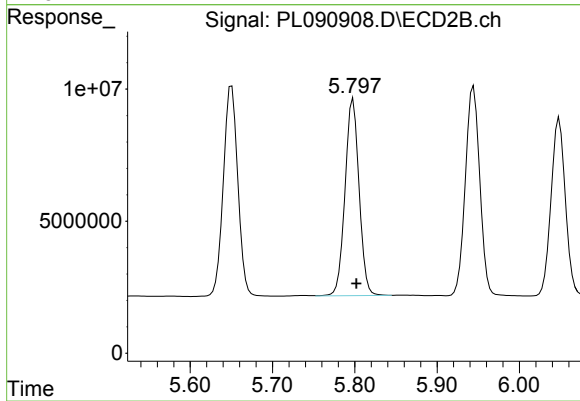
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 96858244
Conc: 53.33 ng/ml



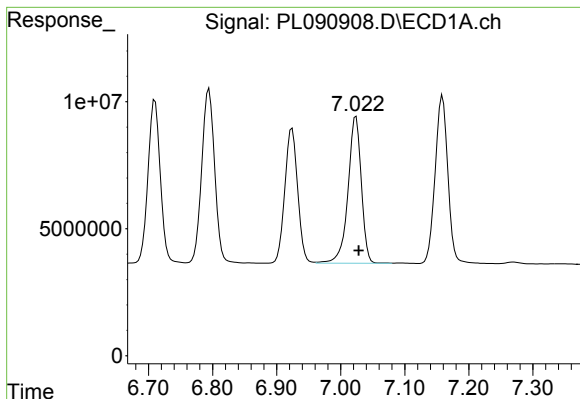
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 84923634
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 88640315
Conc: 57.12 ng/ml



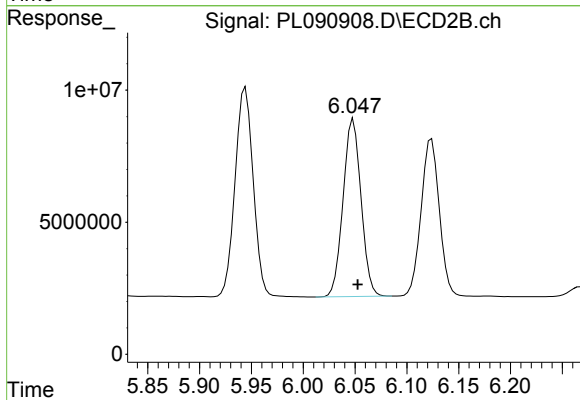
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.005 min
Response: 83444229
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

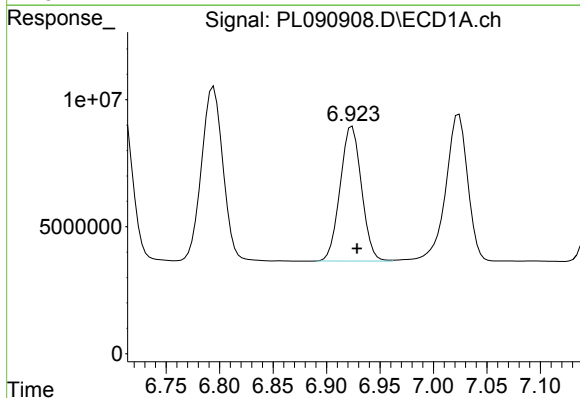
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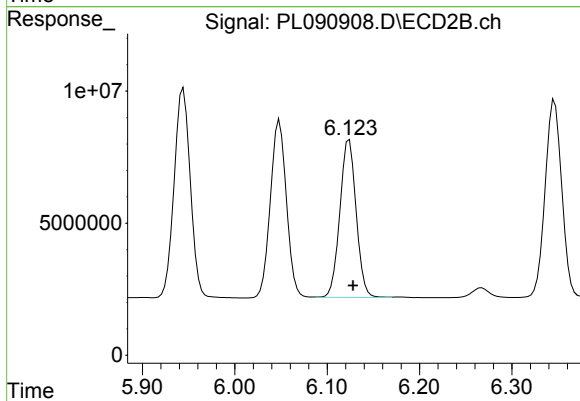
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.006 min
Response: 81038782
Conc: 48.87 ng/ml m



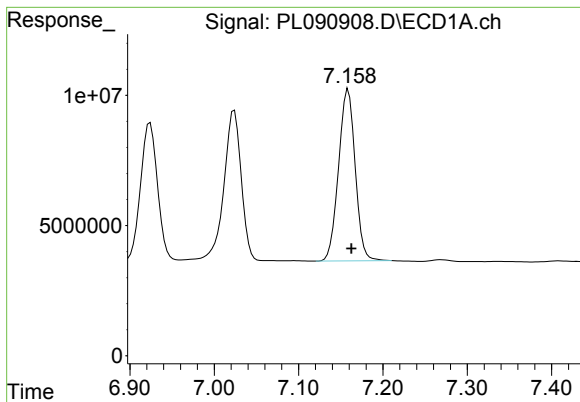
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.005 min
Response: 73827232
Conc: 49.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.004 min
Response: 73279152
Conc: 51.76 ng/ml



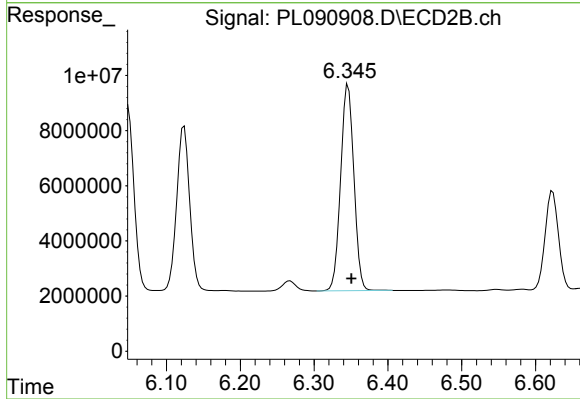
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 90345256
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

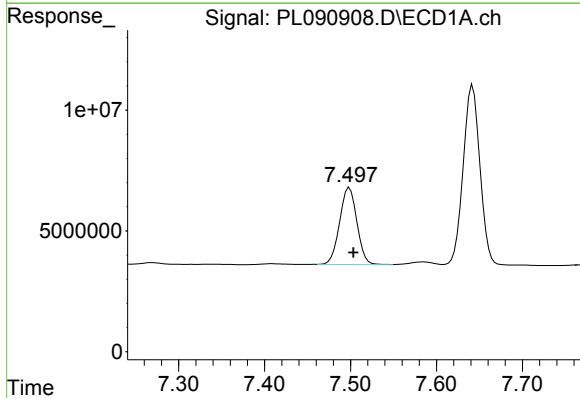
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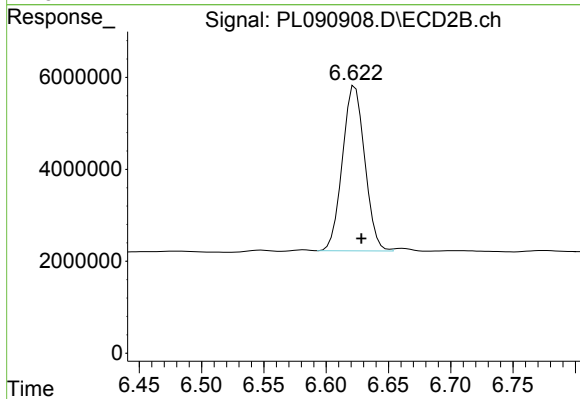
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 93346266
Conc: 53.47 ng/ml



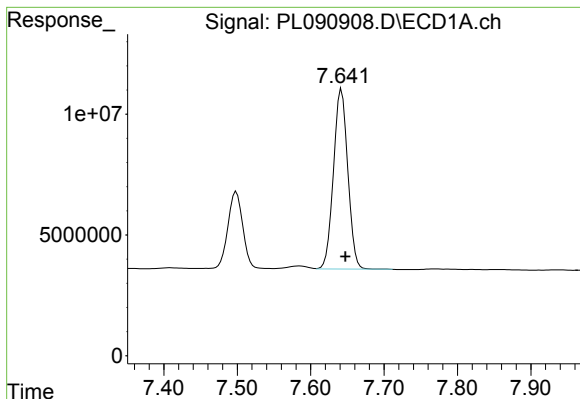
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.005 min
Response: 44525466
Conc: 46.66 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 44953067
Conc: 48.70 ng/ml



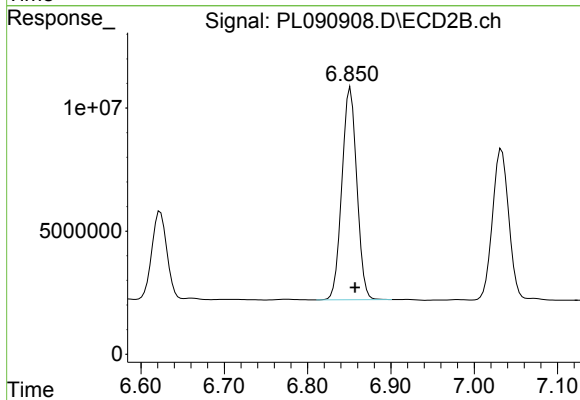
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.005 min
Response: 101098677
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

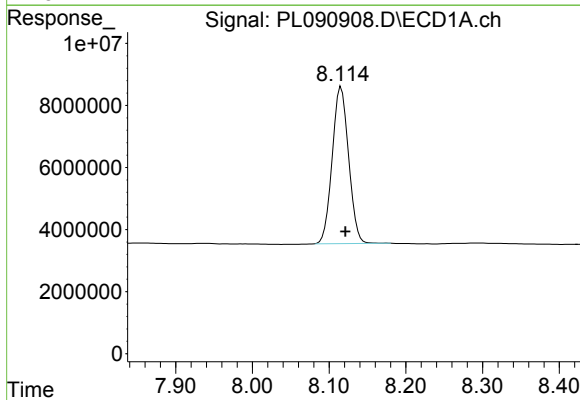
Manual Integrations
APPROVED

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



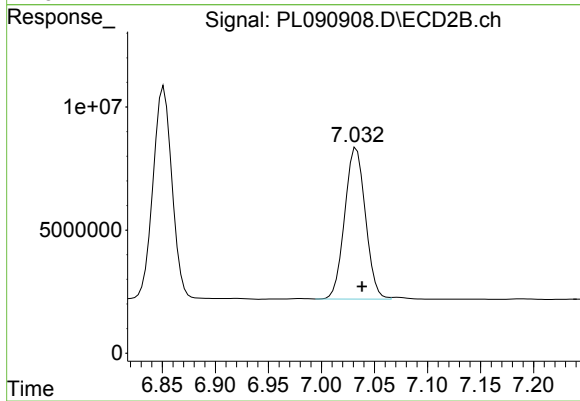
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 107130022
Conc: 54.05 ng/ml m



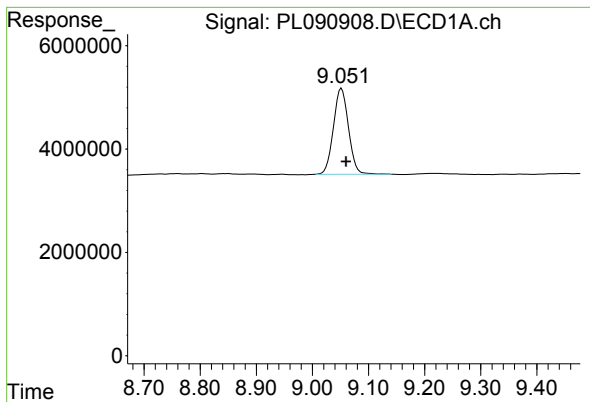
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.006 min
Response: 75112353
Conc: 48.32 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: -0.007 min
Response: 83549565
Conc: 49.75 ng/ml m



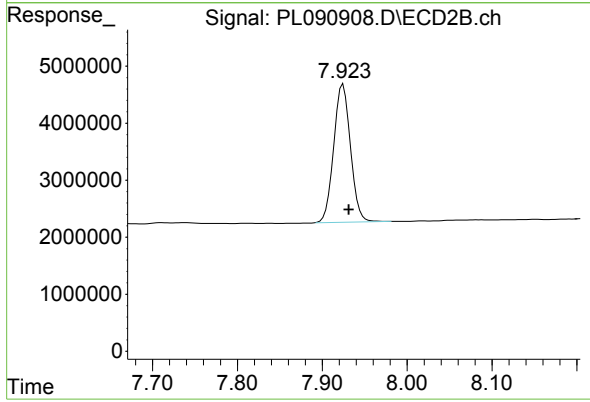
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.008 min
Response: 31161160
Conc: 21.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOILMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.007 min
Response: 33228476
Conc: 19.91 ng/ml