

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 04:53
 Operator : AR\AJ
 Sample : N2479-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 N2479-04MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:18:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.635	5.489	17354172	92344926	53.710	51.793
28)	SA Decachlor...	10.404	11.330	24300815	91981112	46.730m	52.076
Target Compounds							
2)	A alpha-BHC	5.343	6.051	22714068	135.3E6	54.125	53.747
3)	MA gamma-BHC...	5.766	6.441	22314763	126.8E6	53.207	53.584
4)	MA Heptachlor	6.177	7.100	24231311	137.6E6	53.793	52.752
5)	MB Aldrin	6.502	7.467	22001630	127.1E6	53.010	54.119
6)	B beta-BHC	6.147	6.678	11023053	57638781	53.948	51.143
7)	B delta-BHC	6.408	6.945	22403143	126.9E6	54.157	51.967
8)	B Heptachlo...	7.078	7.924	22654552	118.0E6	52.816	52.409
9)	A Endosulfan I	7.481	8.324	21661220	105.5E6	52.817	53.615
10)	B gamma-Chl...	7.356	8.192	23063337	117.5E6	52.585	52.679
11)	B alpha-Chl...	7.426	8.275	23276858	114.8E6	52.690	53.344
12)	B 4,4'-DDE	7.639	8.459	19538995	107.6E6	53.558	54.034
13)	MA Dieldrin	7.767	8.609	21969187	106.5E6	51.142	53.128
14)	MA Endrin	8.059	8.844	20630452	92187773	50.785	54.431
15)	B Endosulfa...	8.369	9.068	20319892	86094638	49.301	49.559
16)	A 4,4'-DDD	8.225	8.987	17046259	90090731	52.787	58.554
17)	MA 4,4'-DDT	8.486	9.305	19159846	88742990	51.834	50.062
18)	B Endrin al...	8.557	9.200	16286779	66233727	50.337	51.279
19)	B Endosulfa...	8.789	9.438	21604401	83505533	50.593	50.174
20)	A Methoxychlor	9.081	9.785	11776244	44004817	47.434	45.750
21)	B Endrin ke...	9.307	9.926	24919813	89276227	51.007	51.577
22)	Mirex	9.495	10.403	23219944	69494589	49.785	50.453

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074243.D
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 Acq On : 21 Apr 2022 04:53
 Operator : AR\AJ
 Sample : N2479-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

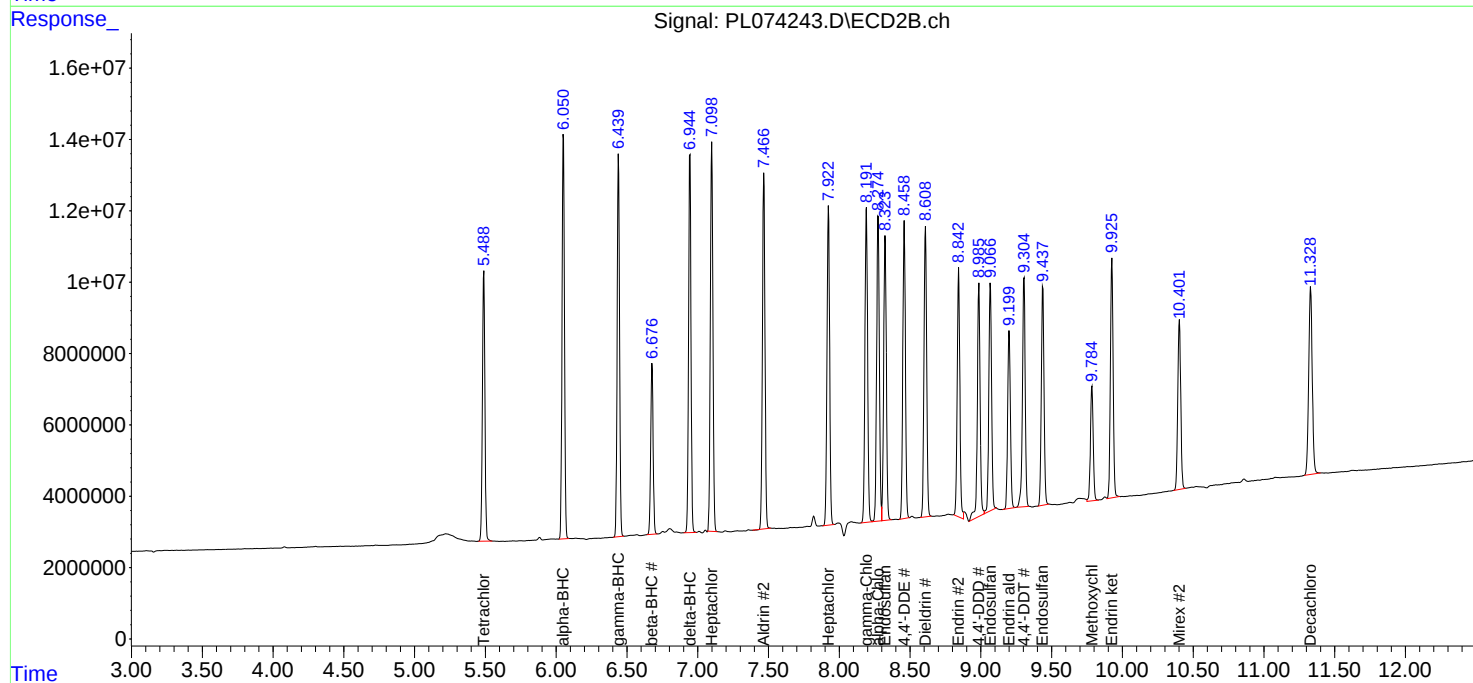
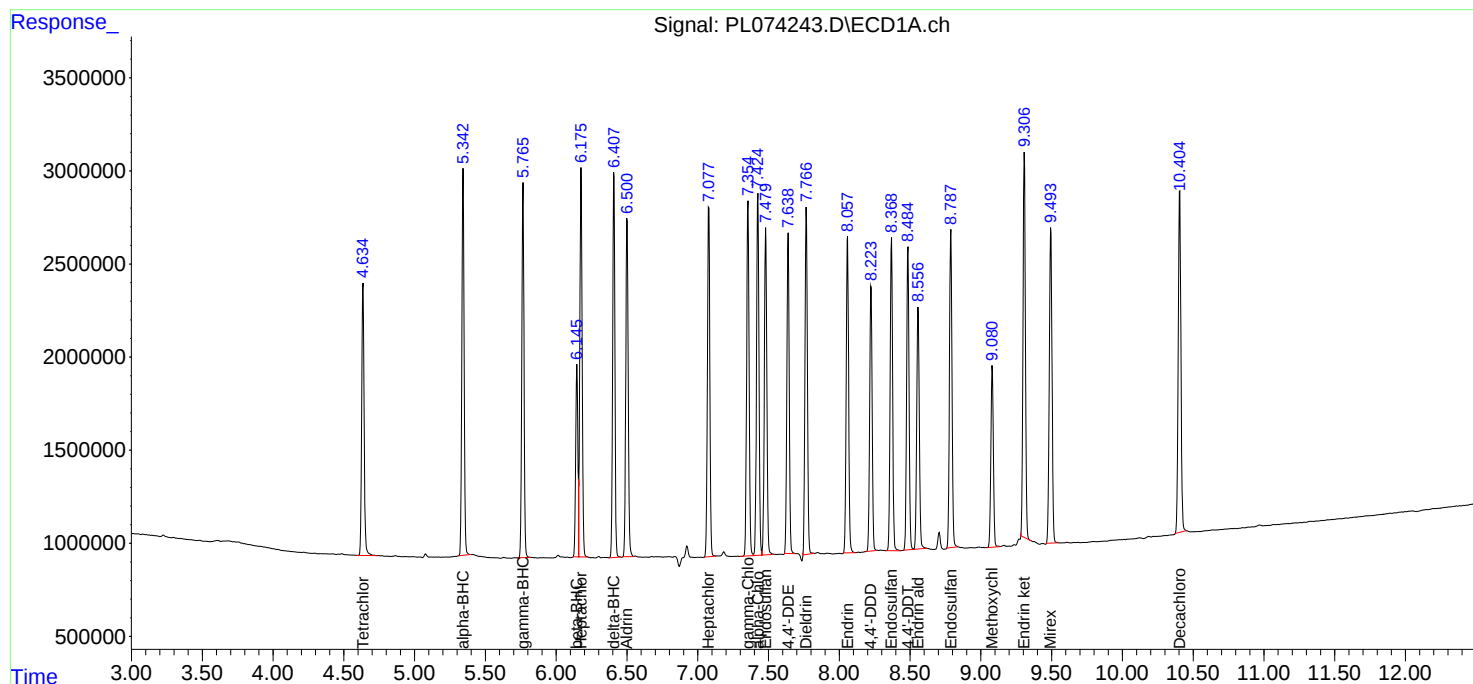
Instrument :
 ECD_L
 ClientSampleId :
 N2479-04MSD

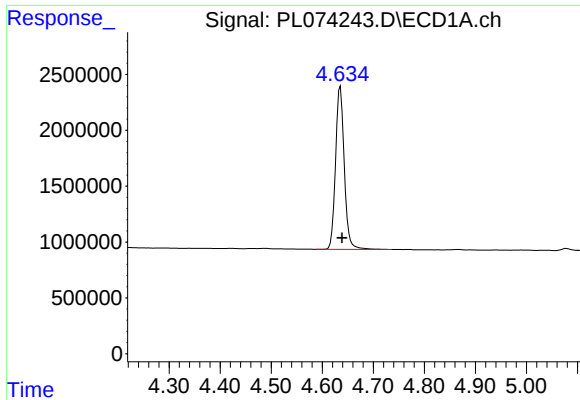
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:18:01 2022
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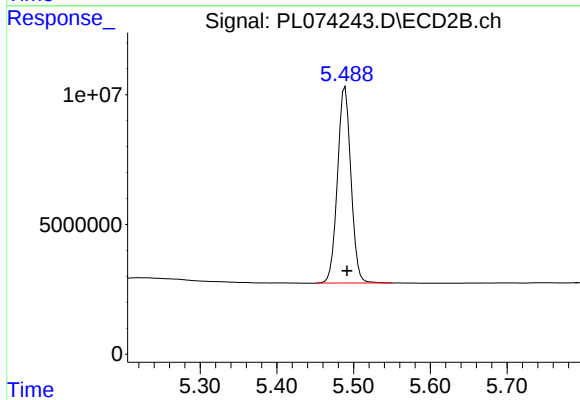
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 17354172
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

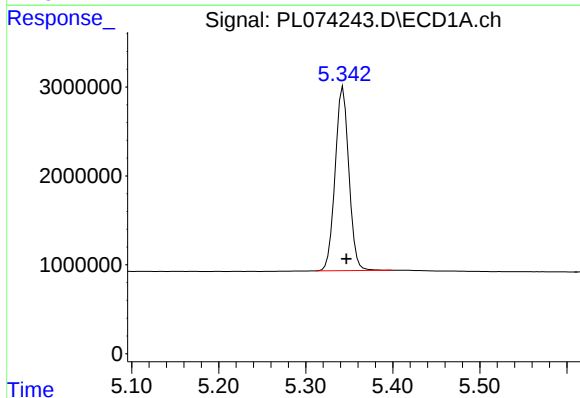
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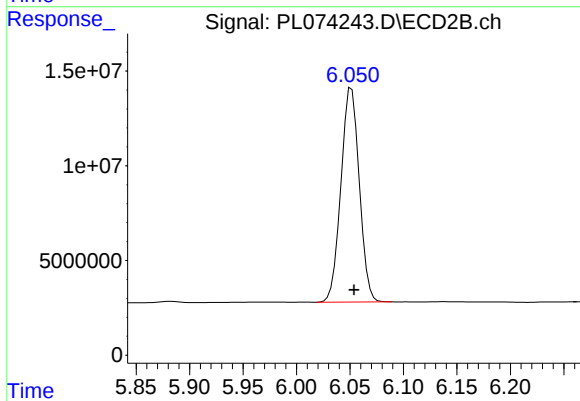
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 92344926
Conc: 51.79 ng/ml



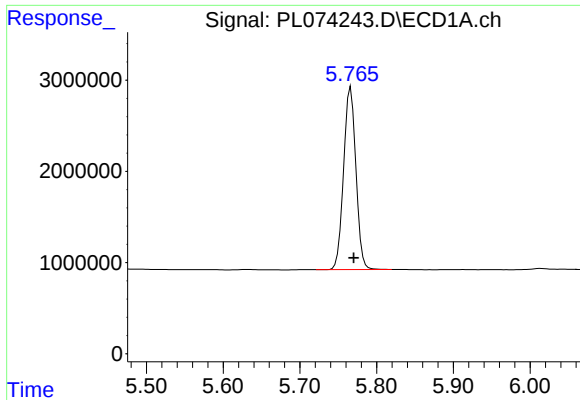
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 22714068
Conc: 54.12 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 135338887
Conc: 53.75 ng/ml



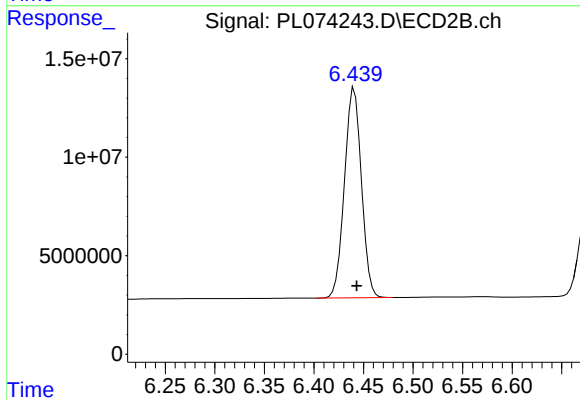
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 22314763
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

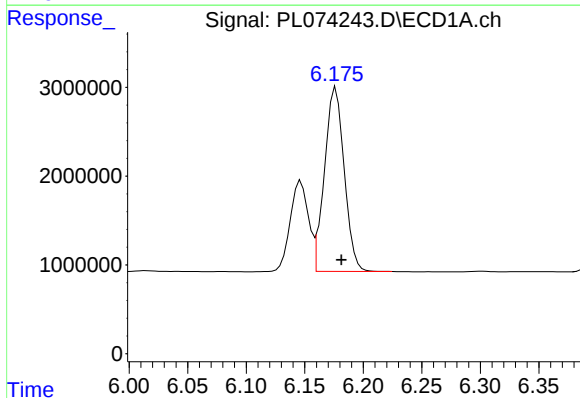
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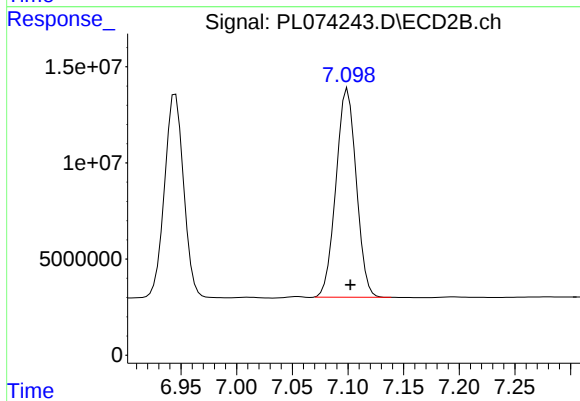
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 126839513
Conc: 53.58 ng/ml



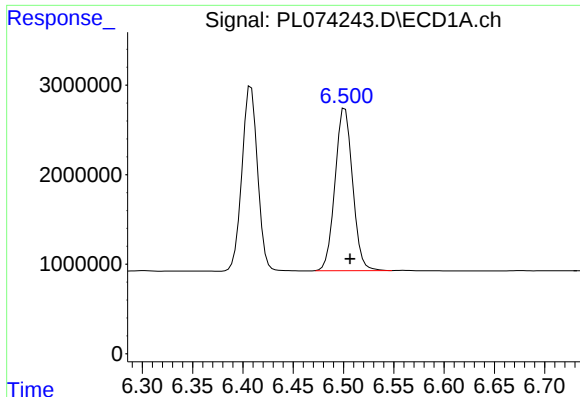
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 24231311
Conc: 53.79 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 137598115
Conc: 52.75 ng/ml



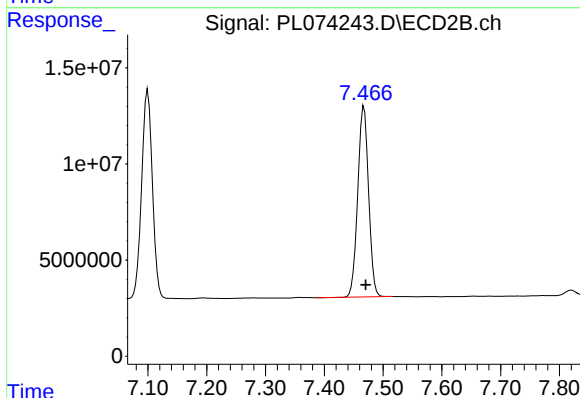
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 22001630
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

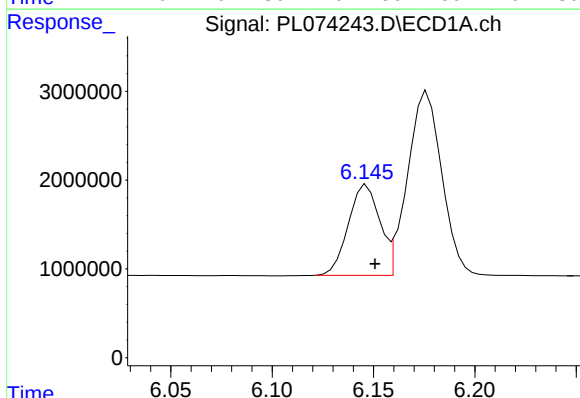
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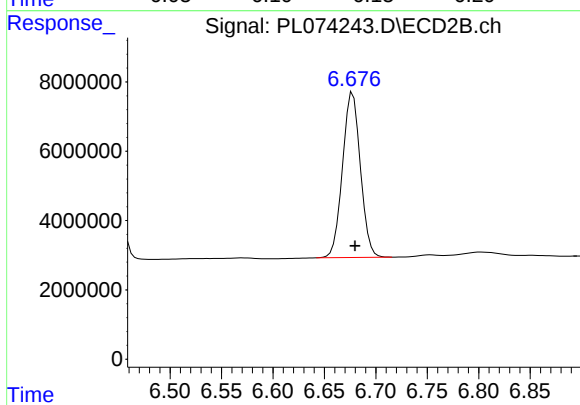
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 127103522
Conc: 54.12 ng/ml



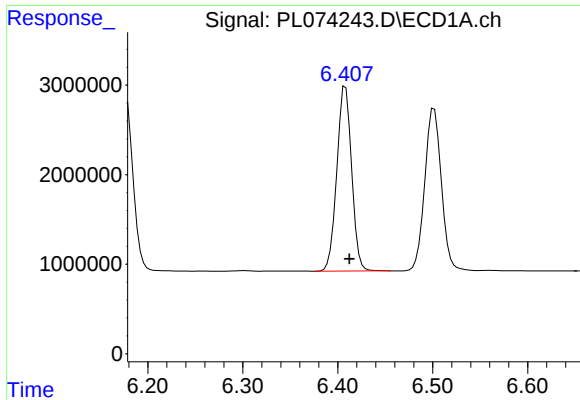
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 11023053
Conc: 53.95 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 57638781
Conc: 51.14 ng/ml



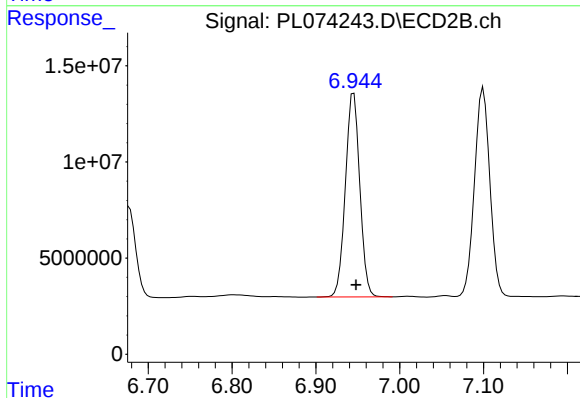
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 22403143
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

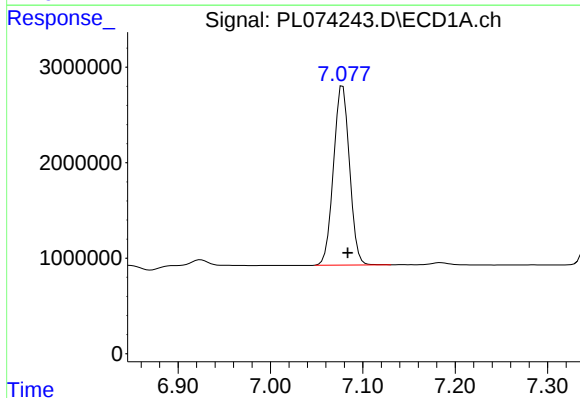
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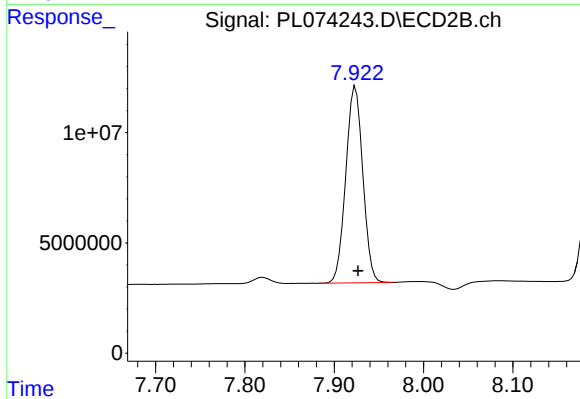
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 126916764
Conc: 51.97 ng/ml



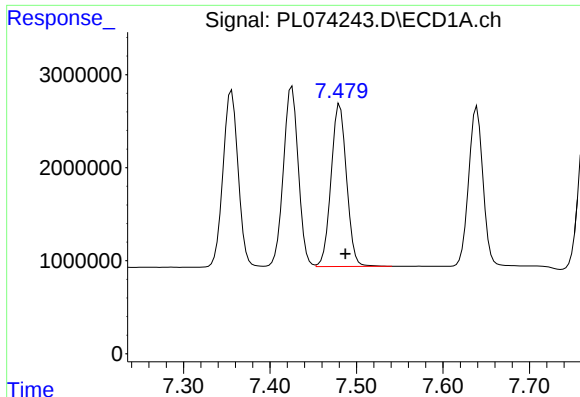
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 22654552
Conc: 52.82 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 118001660
Conc: 52.41 ng/ml



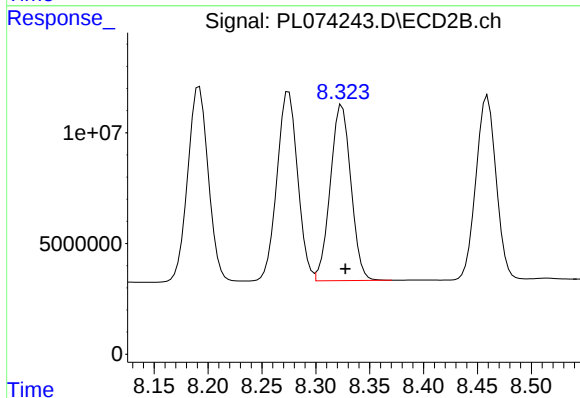
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21661220
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

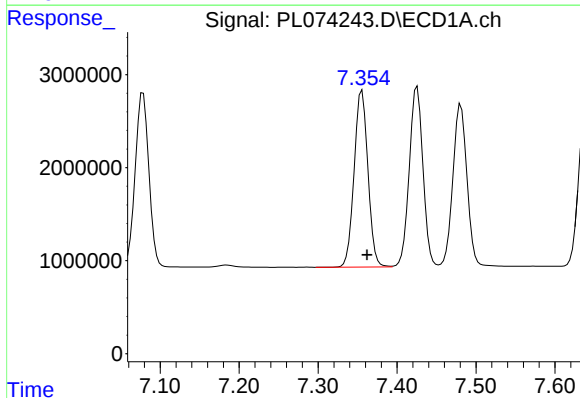
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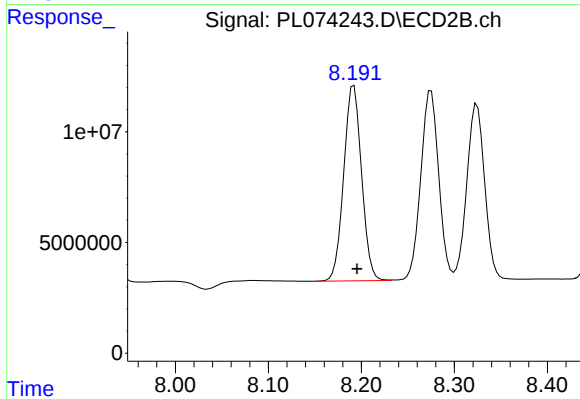
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 105549663
Conc: 53.61 ng/ml



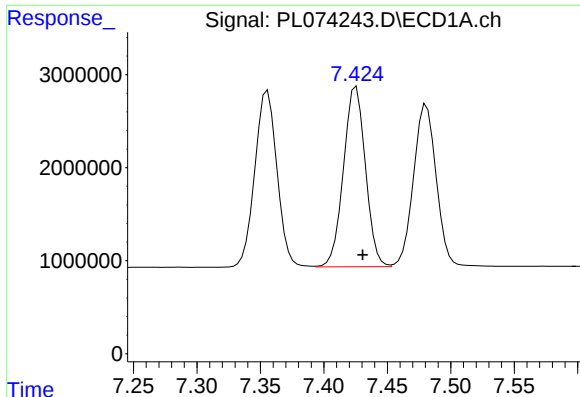
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 23063337
Conc: 52.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 117492362
Conc: 52.68 ng/ml



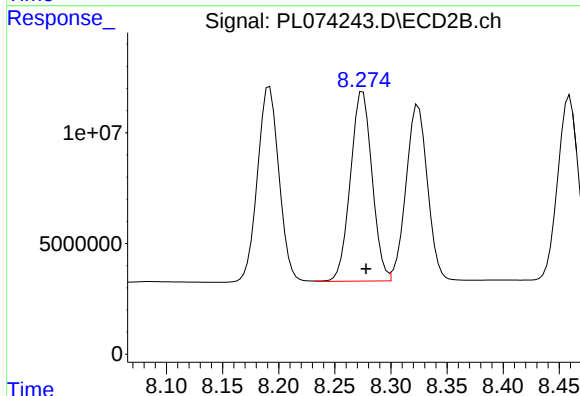
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 23276858
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

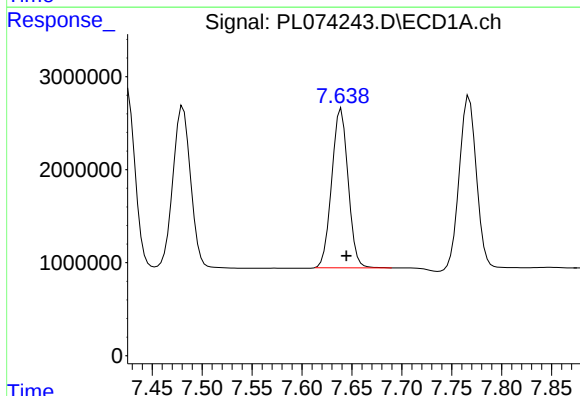
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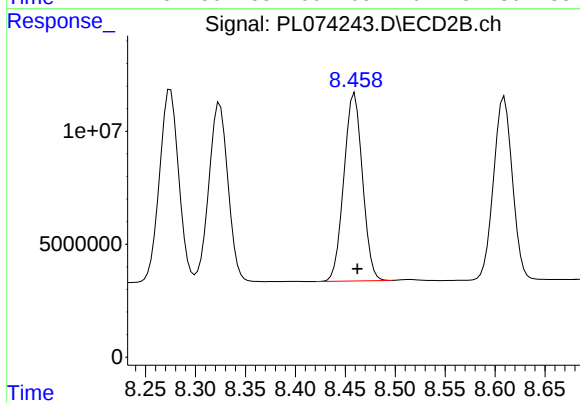
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 114828173
Conc: 53.34 ng/ml



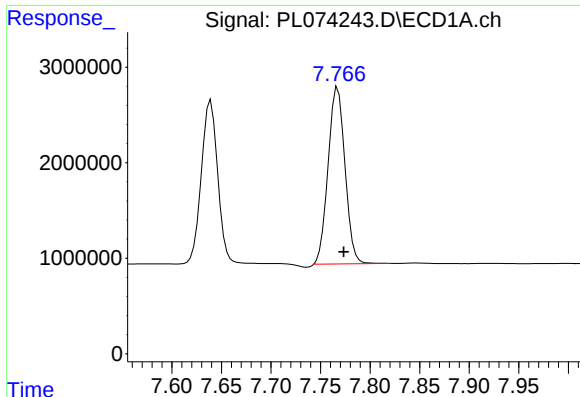
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 19538995
Conc: 53.56 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 107619145
Conc: 54.03 ng/ml



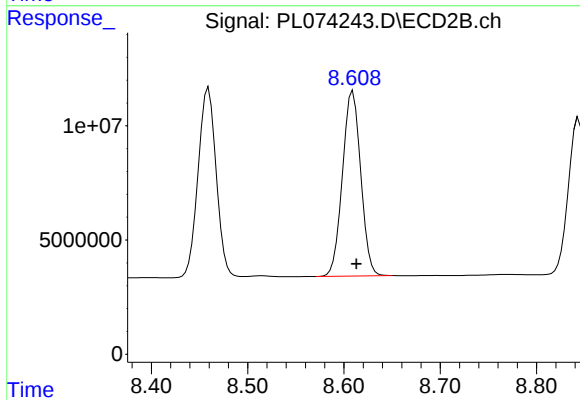
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.006 min
Response: 21969187
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

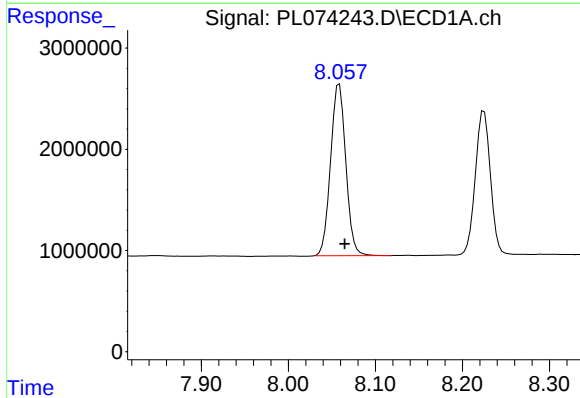
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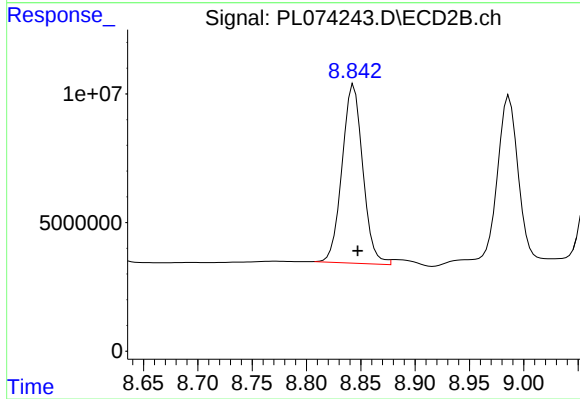
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 106535761
Conc: 53.13 ng/ml



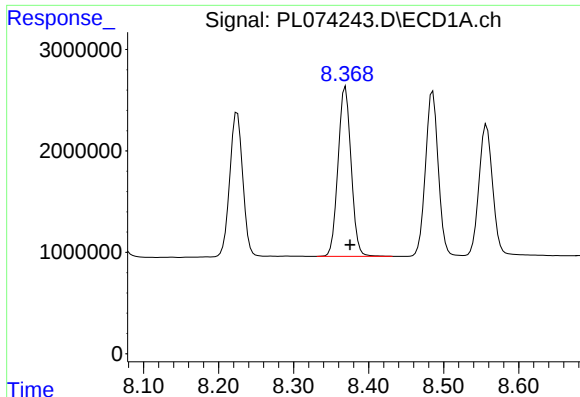
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 20630452
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 92187773
Conc: 54.43 ng/ml



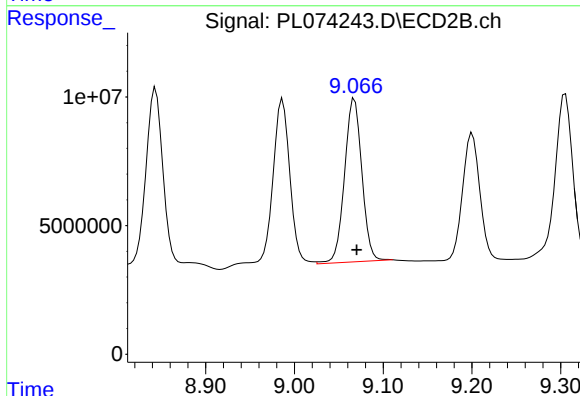
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 20319892
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

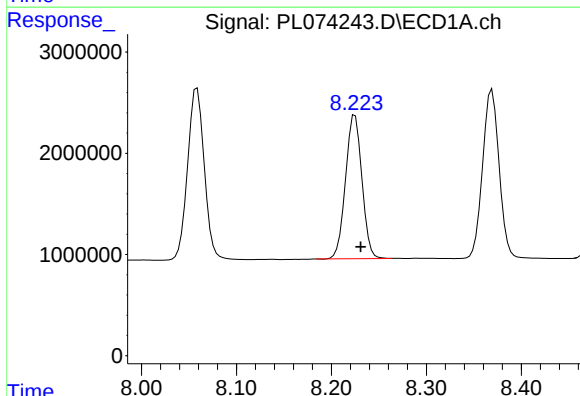
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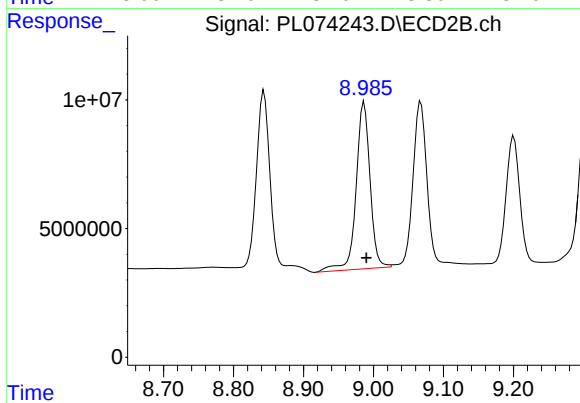
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 86094638
Conc: 49.56 ng/ml



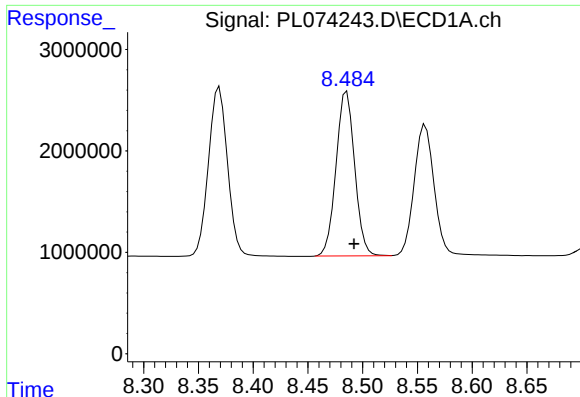
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 17046259
Conc: 52.79 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 90090731
Conc: 58.55 ng/ml



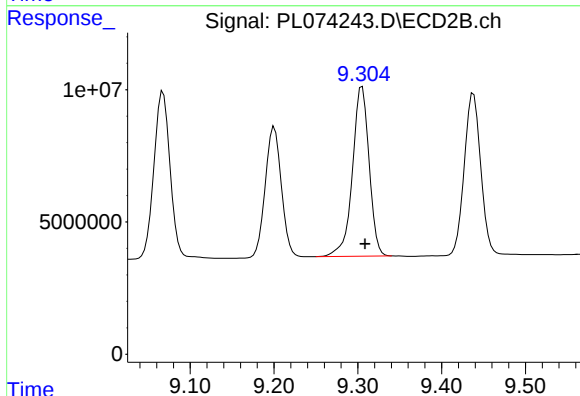
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 19159846
Conc: 51.83 ng/ml

Instrument :
ECD_L
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N2479-04MSD

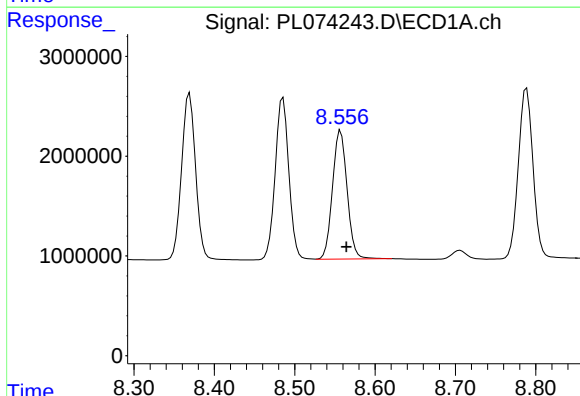
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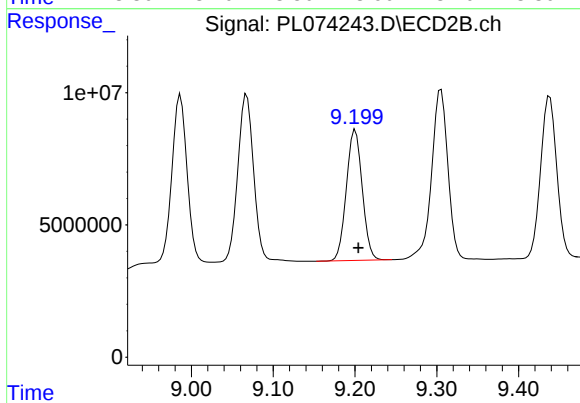
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 88742990
Conc: 50.06 ng/ml



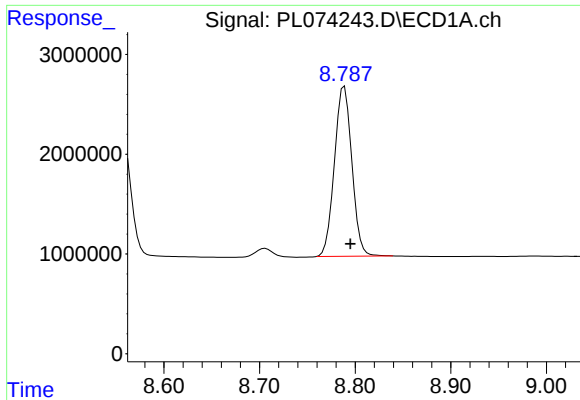
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16286779
Conc: 50.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 66233727
Conc: 51.28 ng/ml



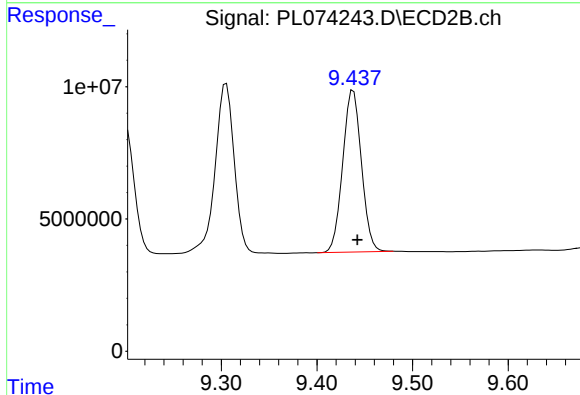
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 21604401
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

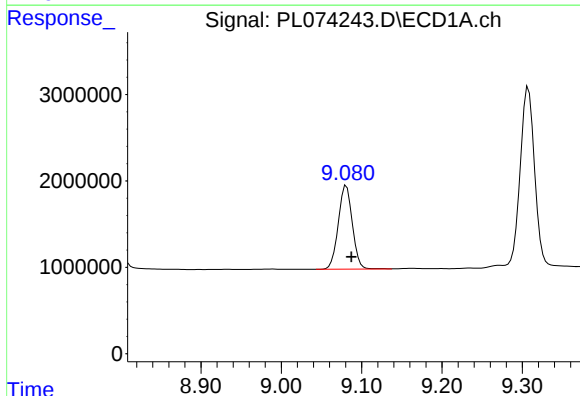
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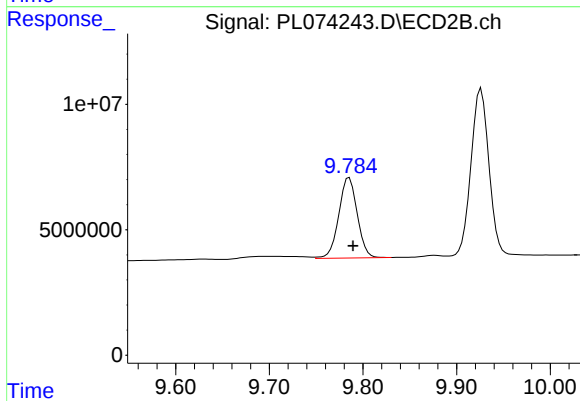
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 83505533
Conc: 50.17 ng/ml



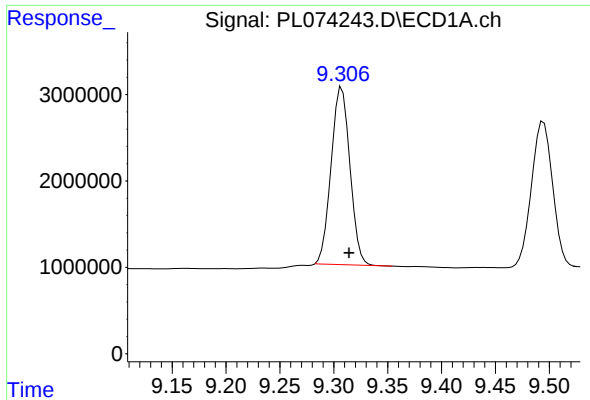
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 11776244
Conc: 47.43 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 44004817
Conc: 45.75 ng/ml



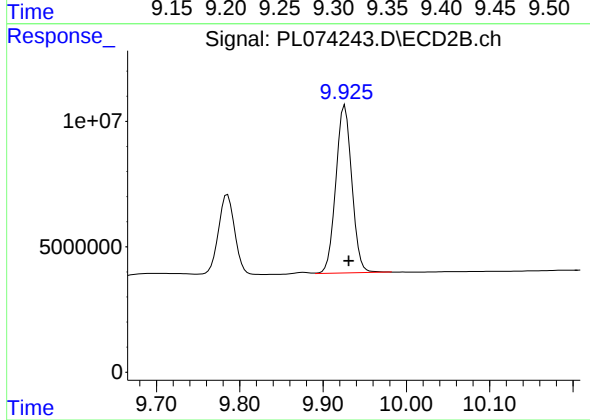
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 24919813
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

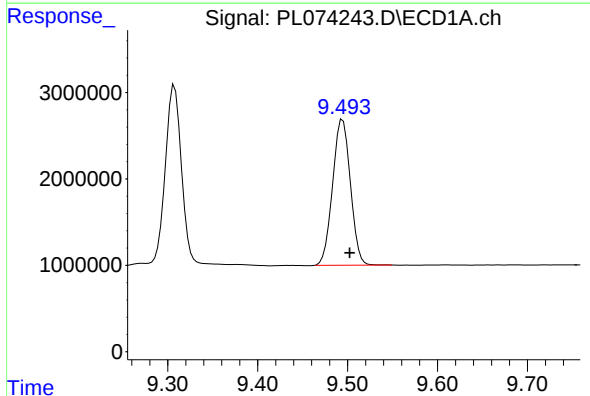
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



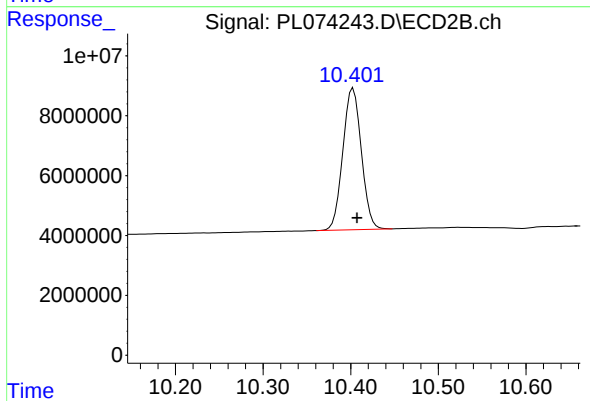
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 89276227
Conc: 51.58 ng/ml



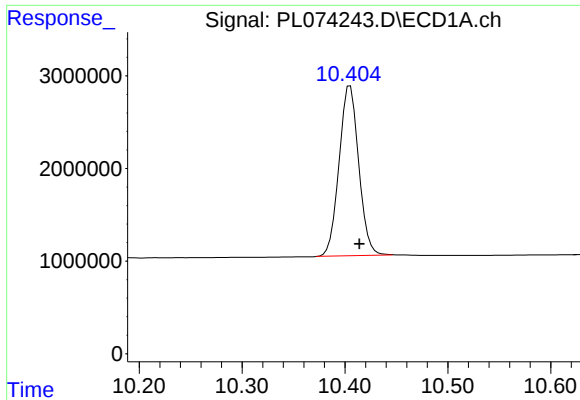
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 23219944
Conc: 49.79 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 69494589
Conc: 50.45 ng/ml



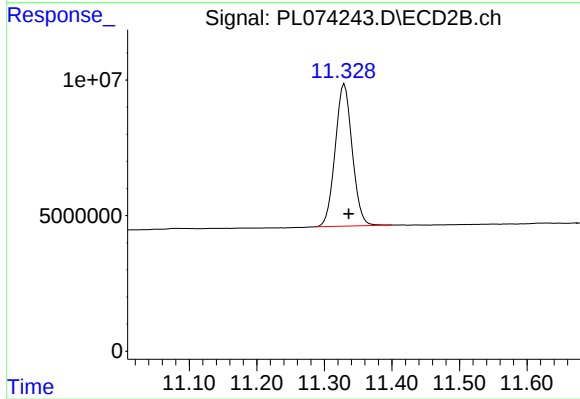
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 24300815
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 91981112
Conc: 52.08 ng/ml