

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 11:24
 Operator : AR\AJ
 Sample : N2434-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RCA-EDISON-PILE-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 22:30:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.648	4.652	11325697	27496689	22.306	20.034
28)	SA Decachlor...	11.647	10.403	11585364	25786250	25.942	25.123
Target Compounds							
2)	A alpha-BHC	6.231	5.354	16776754	39037061	24.522	23.196
3)	MA gamma-BHC...	6.629	5.775	16275837	38278704	25.214	23.166
4)	MA Heptachlor	7.284	6.185	16172008	35813353	25.058	23.595
5)	MB Aldrin	7.657	6.510	15645347	36202274	25.256m	24.127
6)	B beta-BHC	6.880	6.151	7417817	18843684	24.854	23.733
7)	B delta-BHC	7.151	6.413	15736137	37294371	25.096	23.850
8)	B Heptachlo...	8.126	7.083	15015741	33871767	26.401	24.337
9)	A Endosulfan I	8.534	7.485	16199801	31321627	28.100	25.034
10)	B gamma-Chl...	8.394	7.360	14231993	34465316	27.515m	24.870
11)	B alpha-Chl...	8.478	7.429	17305743	34412554	28.347	25.456
12)	B 4,4'-DDE	8.664	7.641	12395691	29270368	26.777	24.875
13)	MA Dieldrin	8.825	7.771	14317444	32355103	27.240	25.398
14)	MA Endrin	9.066	8.061	11567436	27562267	28.031	26.093
15)	B Endosulfa...	9.299	8.370	12715213	29929130	28.924	26.495
16)	A 4,4'-DDD	9.205	8.225	11468628	24310622	25.366	24.677
17)	MA 4,4'-DDT	9.525	8.486	11915665	25130626	25.924	25.118
18)	B Endrin al...	9.434	8.558	10940499	23089979	30.912	28.910
19)	B Endosulfa...	9.673	8.788	12164705	28235393	26.915	25.939
20)	A Methoxychlor	10.011	9.080	6639723	15540134	27.111	26.592
21)	B Endrin ke...	10.175	9.307	13737986	30220606	26.788	27.106
22)	Mirex	10.648	9.496	11312095	26151082	28.034	26.999

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
Data File : PL074688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2022 11:24
Operator : AR\AJ
Sample : N2434-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

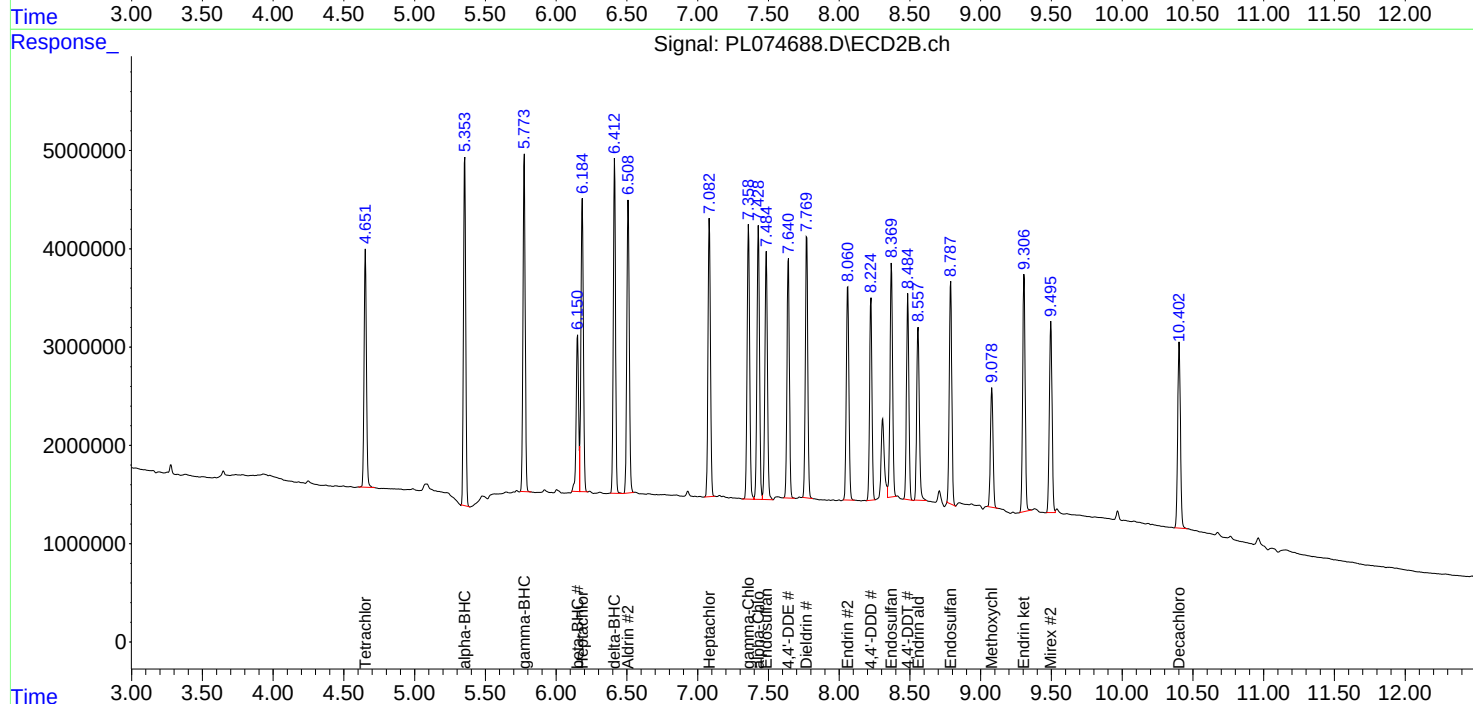
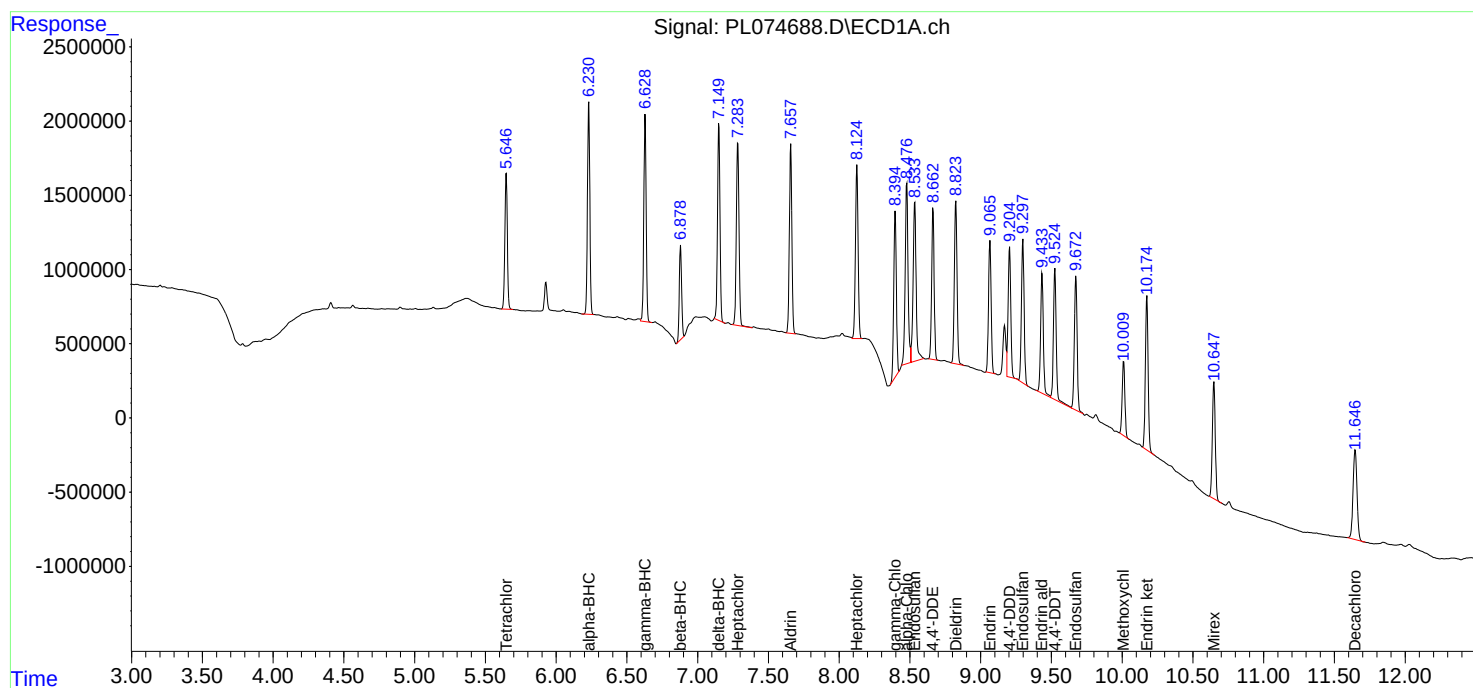
Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

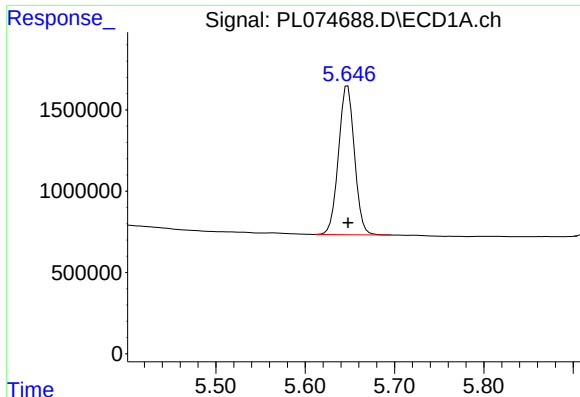
Manual Integrations
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Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 22:30:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Sat May 14 02:37:15 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





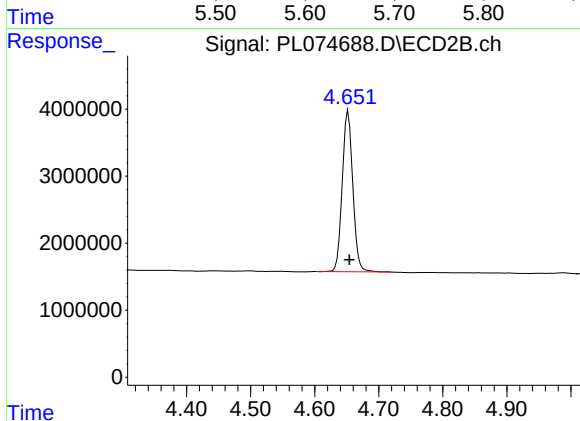
#1 Tetrachloro-m-xylene

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 11325697
Conc: 22.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

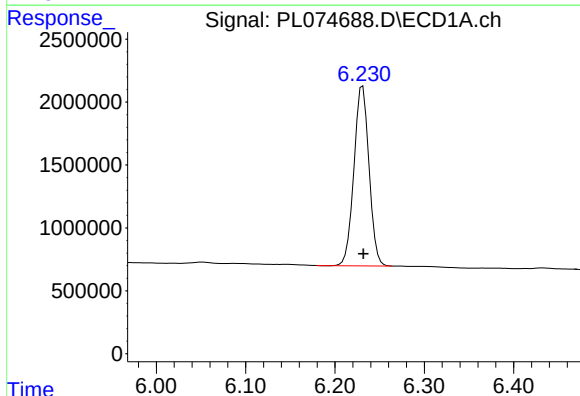
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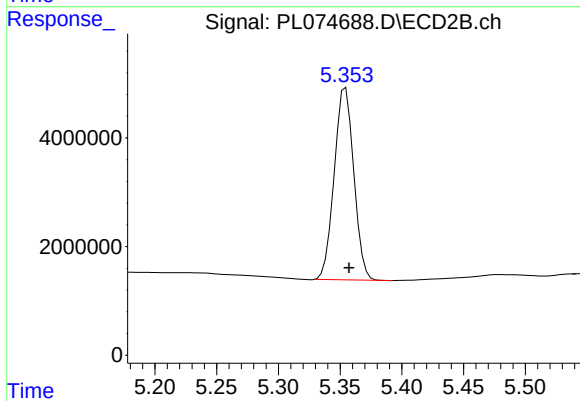
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 27496689
Conc: 20.03 ng/ml



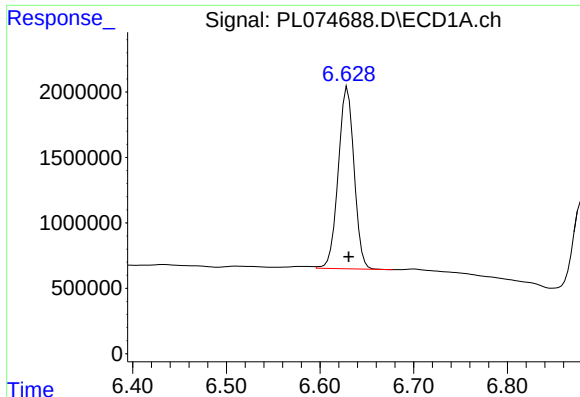
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 16776754
Conc: 24.52 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 39037061
Conc: 23.20 ng/ml



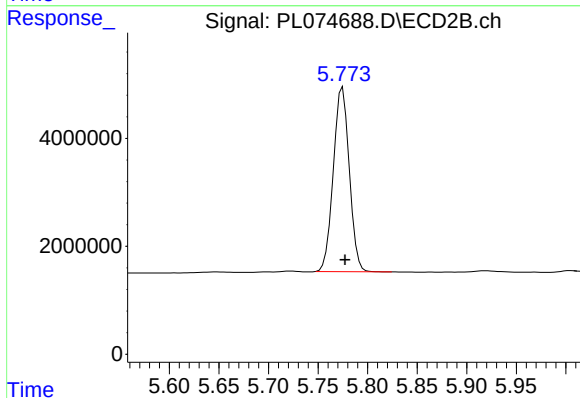
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 16275837
Conc: 25.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

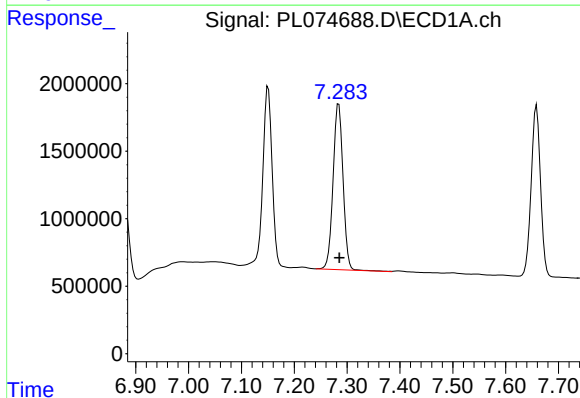
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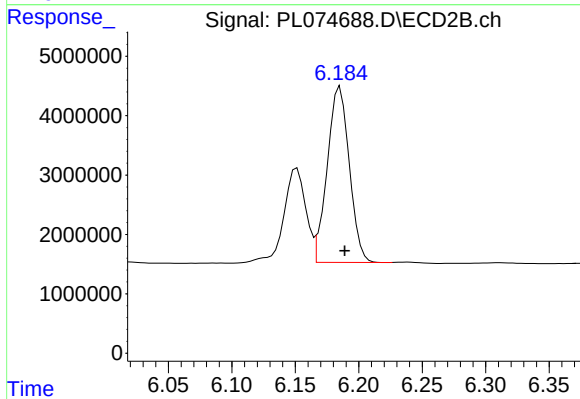
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 38278704
Conc: 23.17 ng/ml



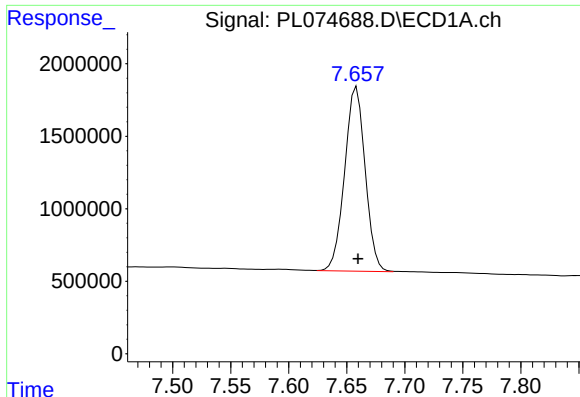
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 16172008
Conc: 25.06 ng/ml



#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 35813353
Conc: 23.59 ng/ml



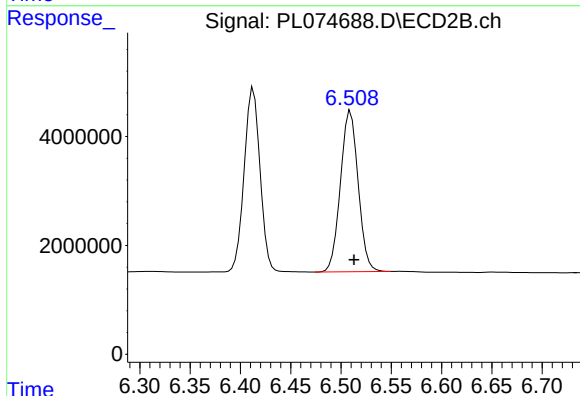
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 15645347
Conc: 25.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

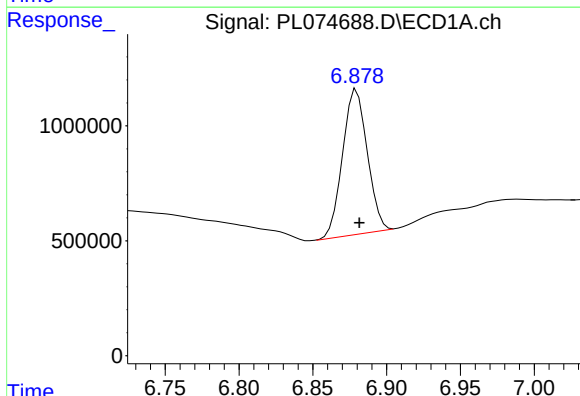
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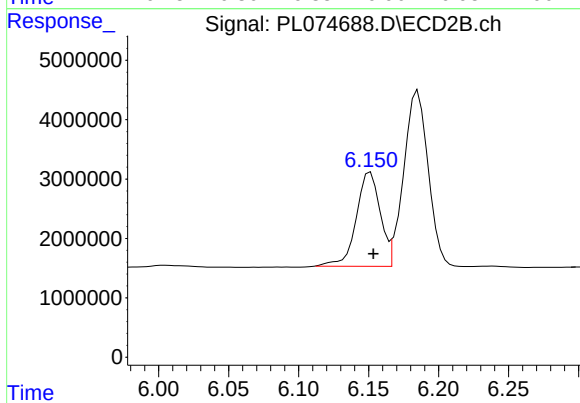
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 36202274
Conc: 24.13 ng/ml



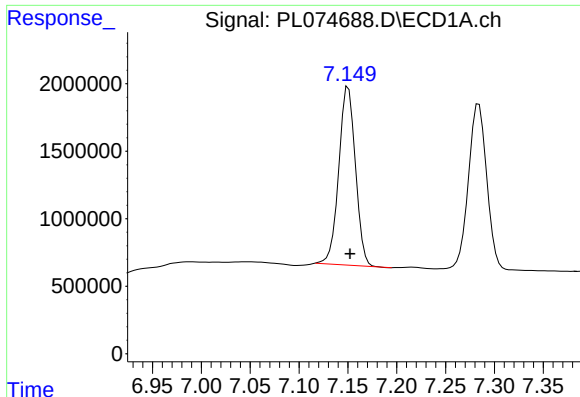
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 7417817
Conc: 24.85 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 18843684
Conc: 23.73 ng/ml



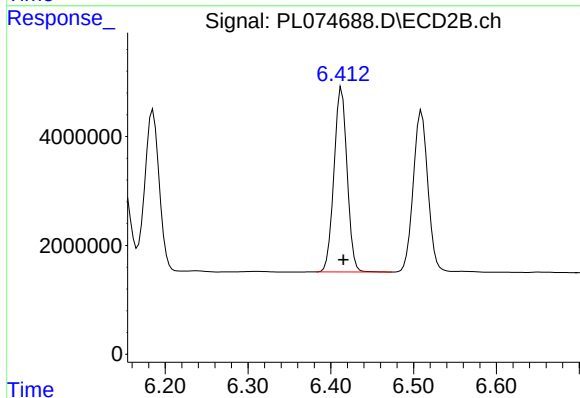
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 15736137
Conc: 25.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

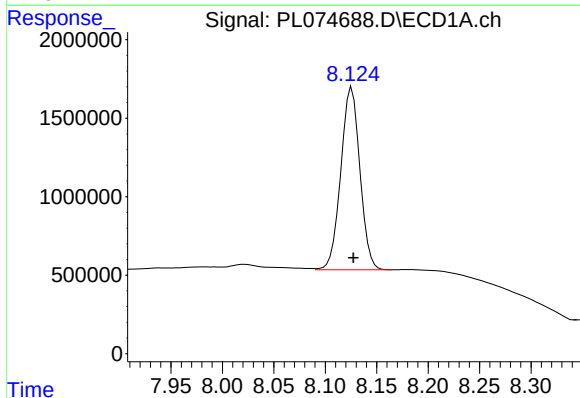
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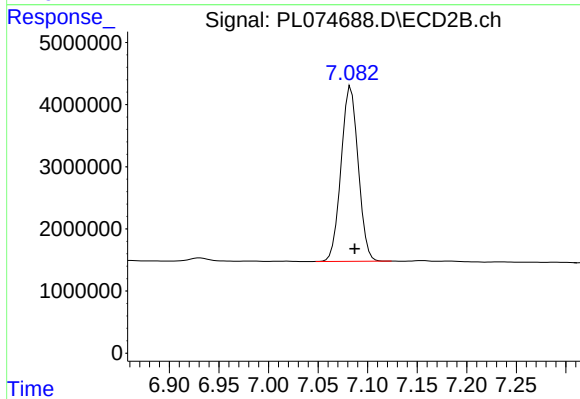
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 37294371
Conc: 23.85 ng/ml



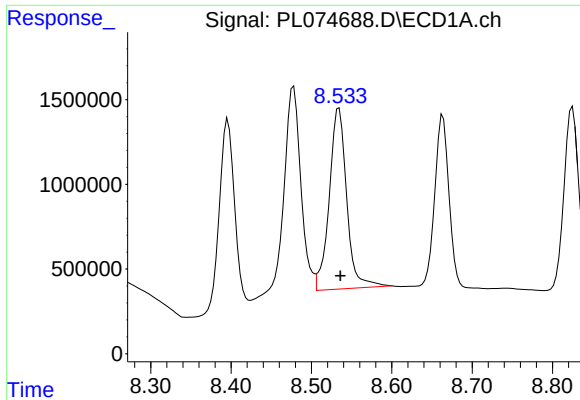
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 15015741
Conc: 26.40 ng/ml



#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 33871767
Conc: 24.34 ng/ml



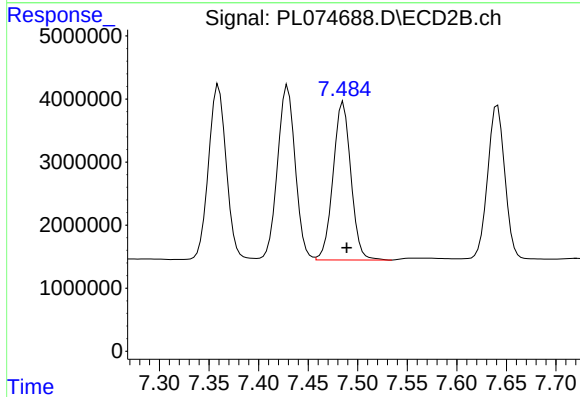
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 16199801
Conc: 28.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

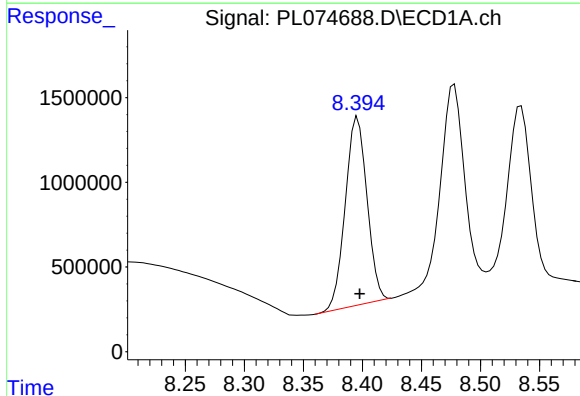
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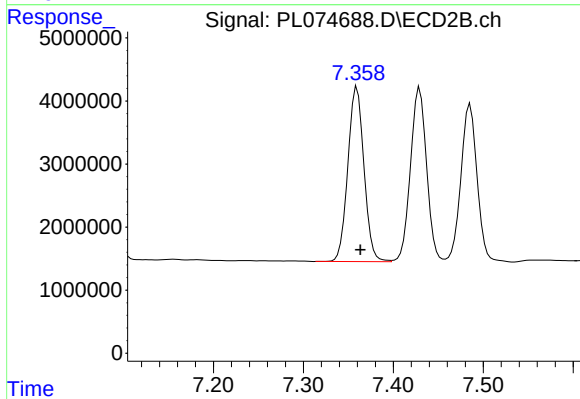
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 31321627
Conc: 25.03 ng/ml



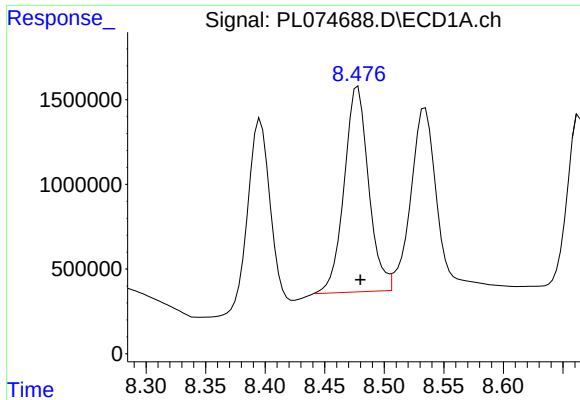
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.003 min
Response: 14231993
Conc: 27.51 ng/ml m



#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 34465316
Conc: 24.87 ng/ml



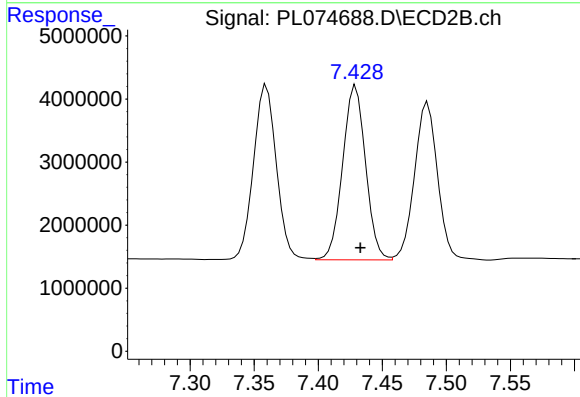
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 17305743
Conc: 28.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

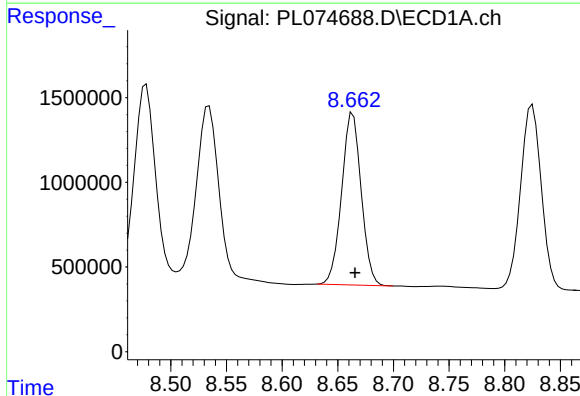
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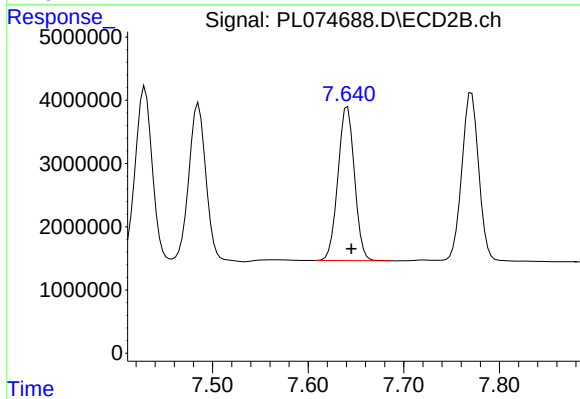
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 34412554
Conc: 25.46 ng/ml



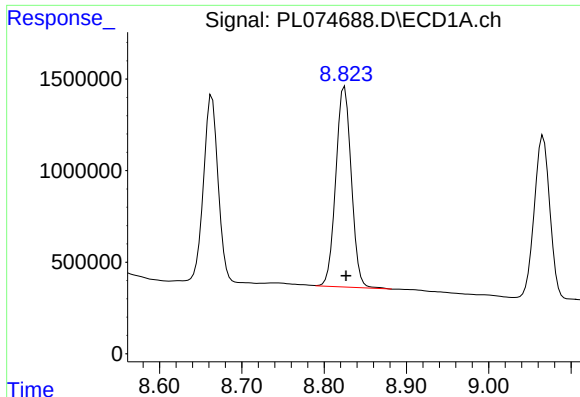
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 12395691
Conc: 26.78 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 29270368
Conc: 24.87 ng/ml



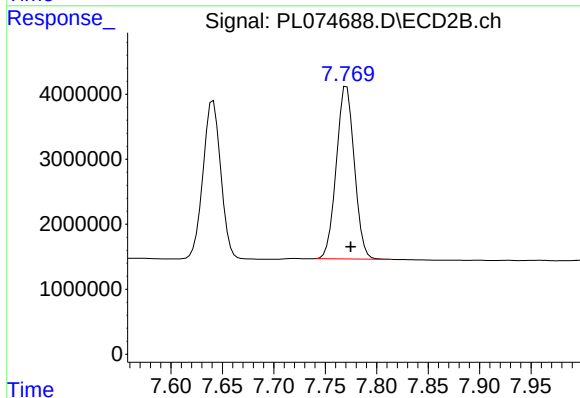
#13 Dieldrin

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 14317444
Conc: 27.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

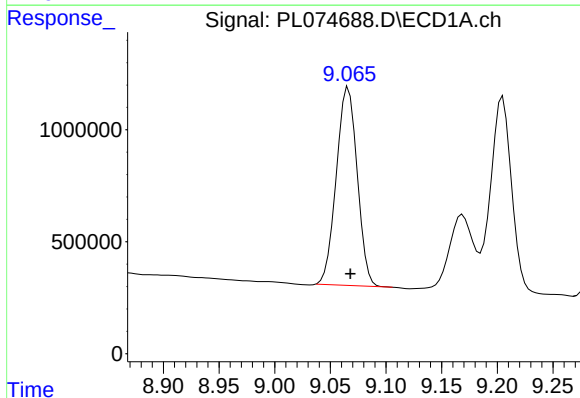
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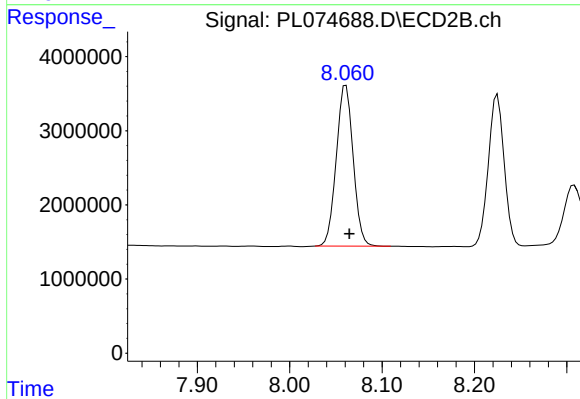
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 32355103
Conc: 25.40 ng/ml



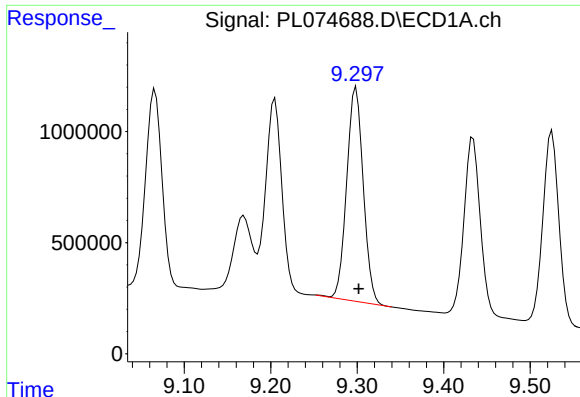
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 11567436
Conc: 28.03 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 27562267
Conc: 26.09 ng/ml



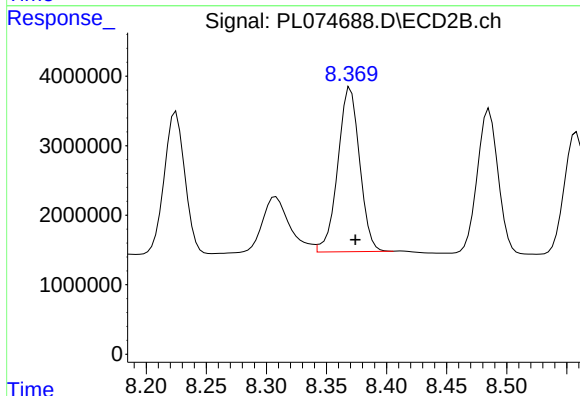
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 12715213
Conc: 28.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

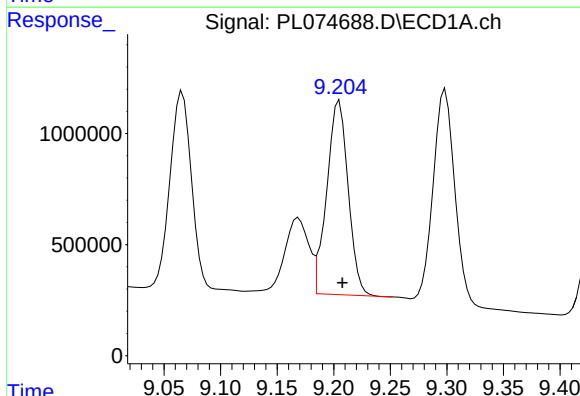
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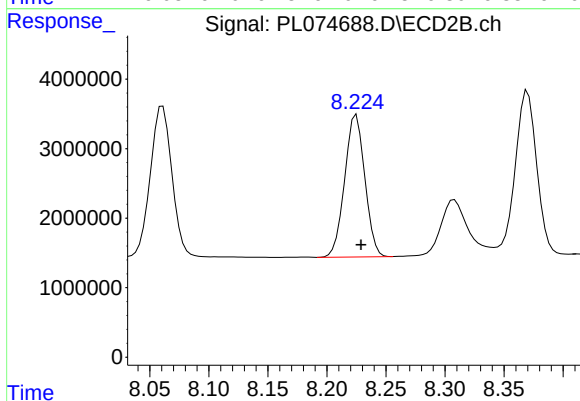
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 29929130
Conc: 26.50 ng/ml



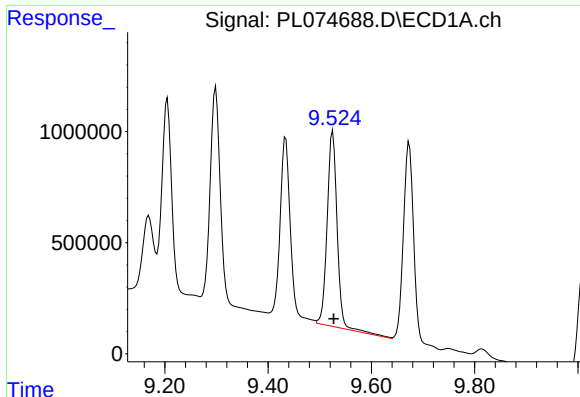
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 11468628
Conc: 25.37 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 24310622
Conc: 24.68 ng/ml



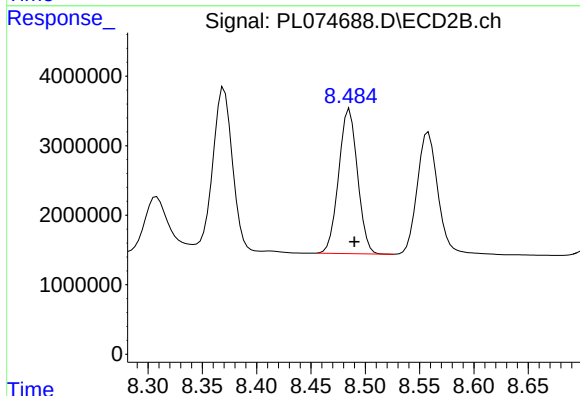
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.002 min
Response: 11915665
Conc: 25.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

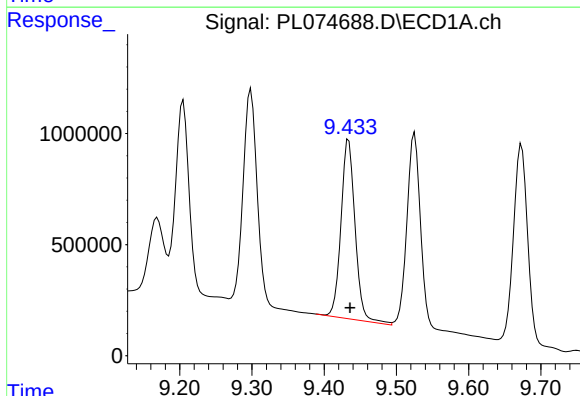
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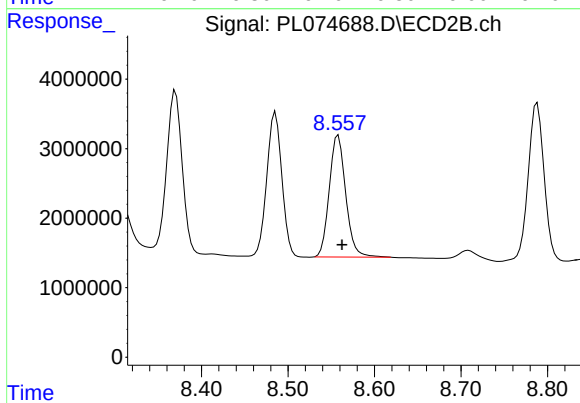
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 25130626
Conc: 25.12 ng/ml



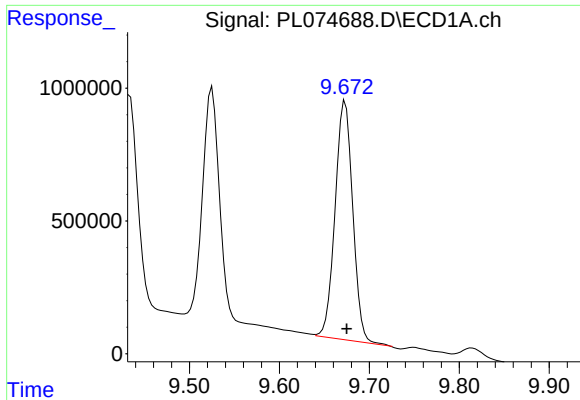
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.002 min
Response: 10940499
Conc: 30.91 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 23089979
Conc: 28.91 ng/ml



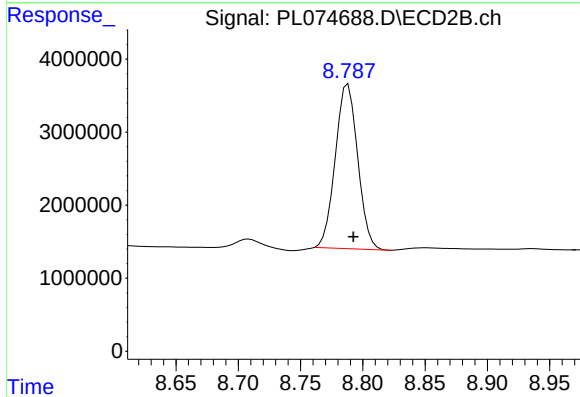
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 12164705
Conc: 26.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

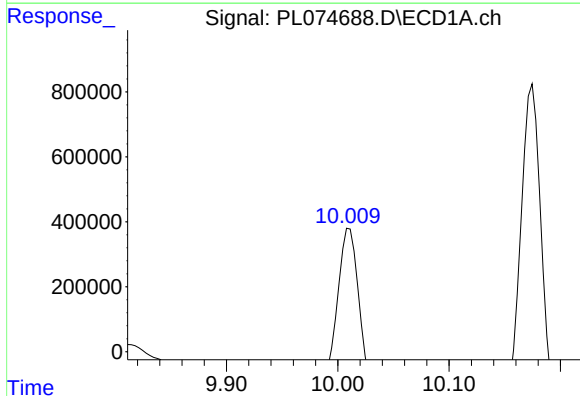
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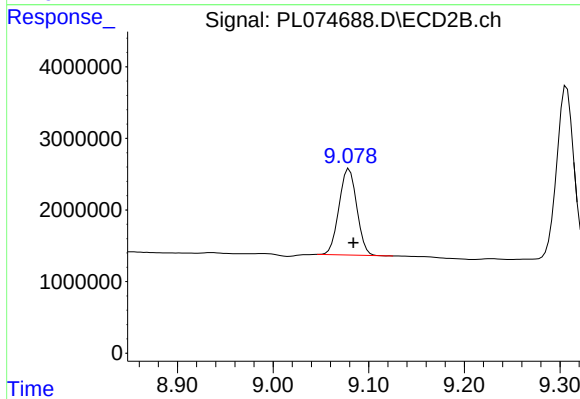
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 28235393
Conc: 25.94 ng/ml



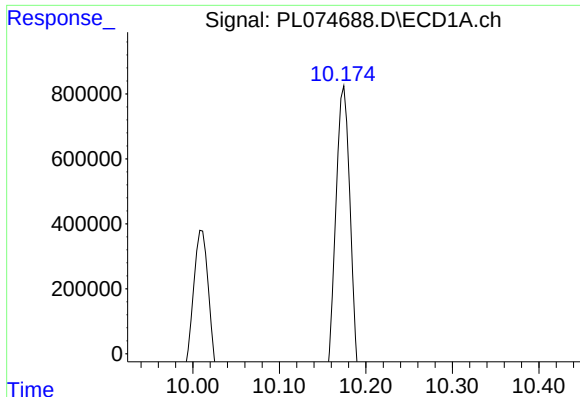
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.002 min
Response: 6639723
Conc: 27.11 ng/ml



#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.005 min
Response: 15540134
Conc: 26.59 ng/ml



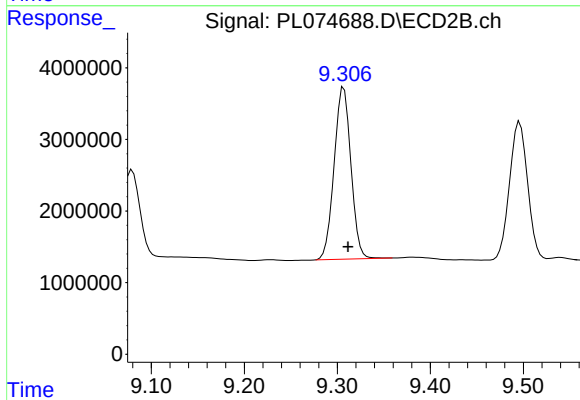
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 13737986
Conc: 26.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

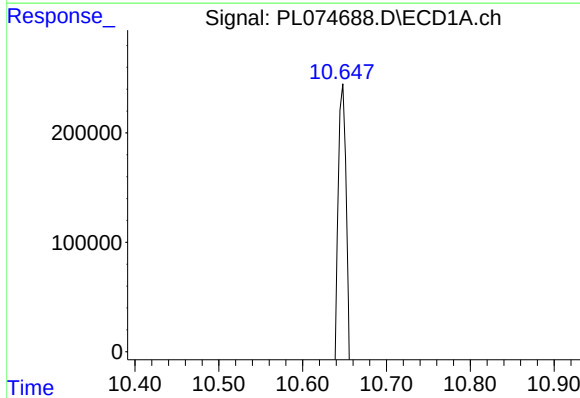
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



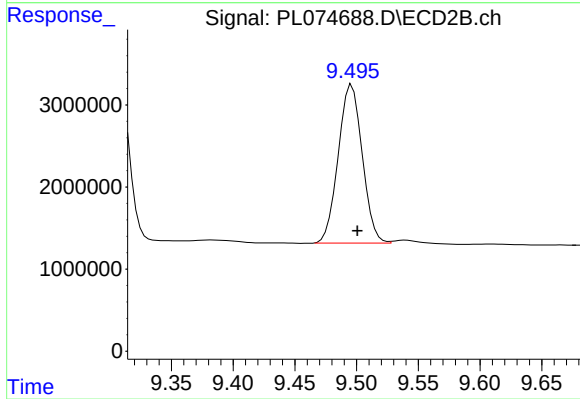
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.004 min
Response: 30220606
Conc: 27.11 ng/ml



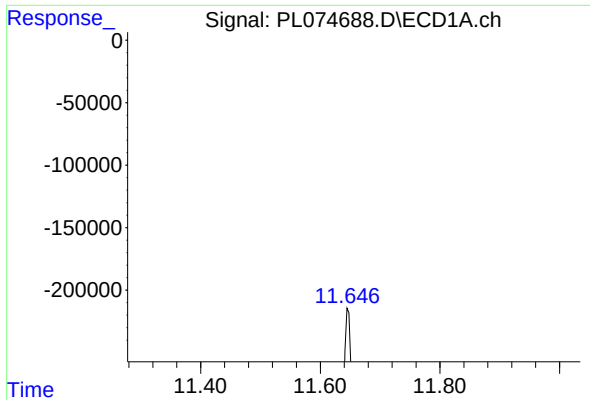
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.003 min
Response: 11312095
Conc: 28.03 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.004 min
Response: 26151082
Conc: 27.00 ng/ml



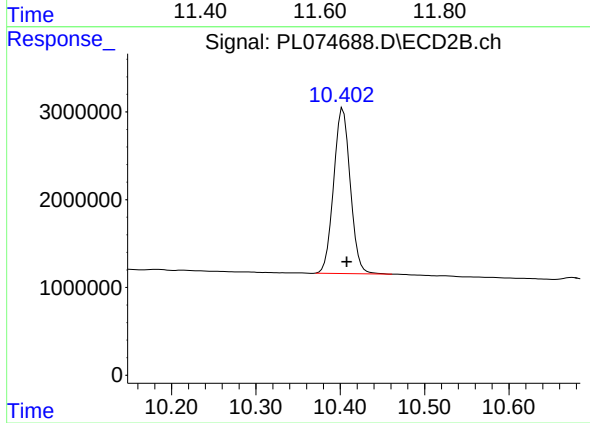
#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 11585364
Conc: 25.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MS

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#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 25786250
Conc: 25.12 ng/ml