

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 11:57
 Operator : AR\AJ
 Sample : N2434-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

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 22:30:35 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...	5.654	4.654	11266131	27097286	22.189	19.743
28)	SA Decachlor...	11.653	10.406	11421995	25645974	25.576	24.986
Target Compounds							
2)	A alpha-BHC	6.237	5.356	16576875	38585675	24.230	22.928
3)	MA gamma-BHC...	6.636	5.776	16262820	37924988	25.194	22.952
4)	MA Heptachlor	7.291	6.187	16835498	35653659	26.086	23.490
5)	MB Aldrin	7.664	6.511	16079299	35902990	25.956	23.928
6)	B beta-BHC	6.886	6.153	6943060	18741073	23.263	23.604
7)	B delta-BHC	7.157	6.415	15952566	36541913	25.441	23.369
8)	B Heptachlo...	8.131	7.086	14827334	33391301	26.070	23.992
9)	A Endosulfan I	8.540	7.488	15800776	30820514	27.408	24.634
10)	B gamma-Chl...	8.400	7.362	14387643	34116140	27.816m	24.618
11)	B alpha-Chl...	8.484	7.431	17520553	33883994	28.699	25.065
12)	B 4,4'-DDE	8.669	7.644	12351205	28925771	26.681	24.582
13)	MA Dieldrin	8.830	7.774	14181865	32138573	26.982	25.228
14)	MA Endrin	9.071	8.063	11572536	27166281	28.044	25.718
15)	B Endosulfa...	9.304	8.373	12481245	27238095	28.392	24.113
16)	A 4,4'-DDD	9.210	8.227	10929570	23487657	24.174	23.842
17)	MA 4,4'-DDT	9.531	8.489	11936369	24964712	25.969	24.952
18)	B Endrin al...	9.439	8.561	11019054	22870717	31.134	28.635
19)	B Endosulfa...	9.678	8.791	11988218	28269989	26.524	25.970
20)	A Methoxychlor	10.016	9.082	6682419	15348666	27.285	26.264
21)	B Endrin ke...	10.180	9.309	13980792	29964942	27.262	26.877
22)	Mirex	10.654	9.499	11413822	25803673	28.286	26.640

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
Data File : PL074689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2022 11:57
Operator : AR\AJ
Sample : N2434-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

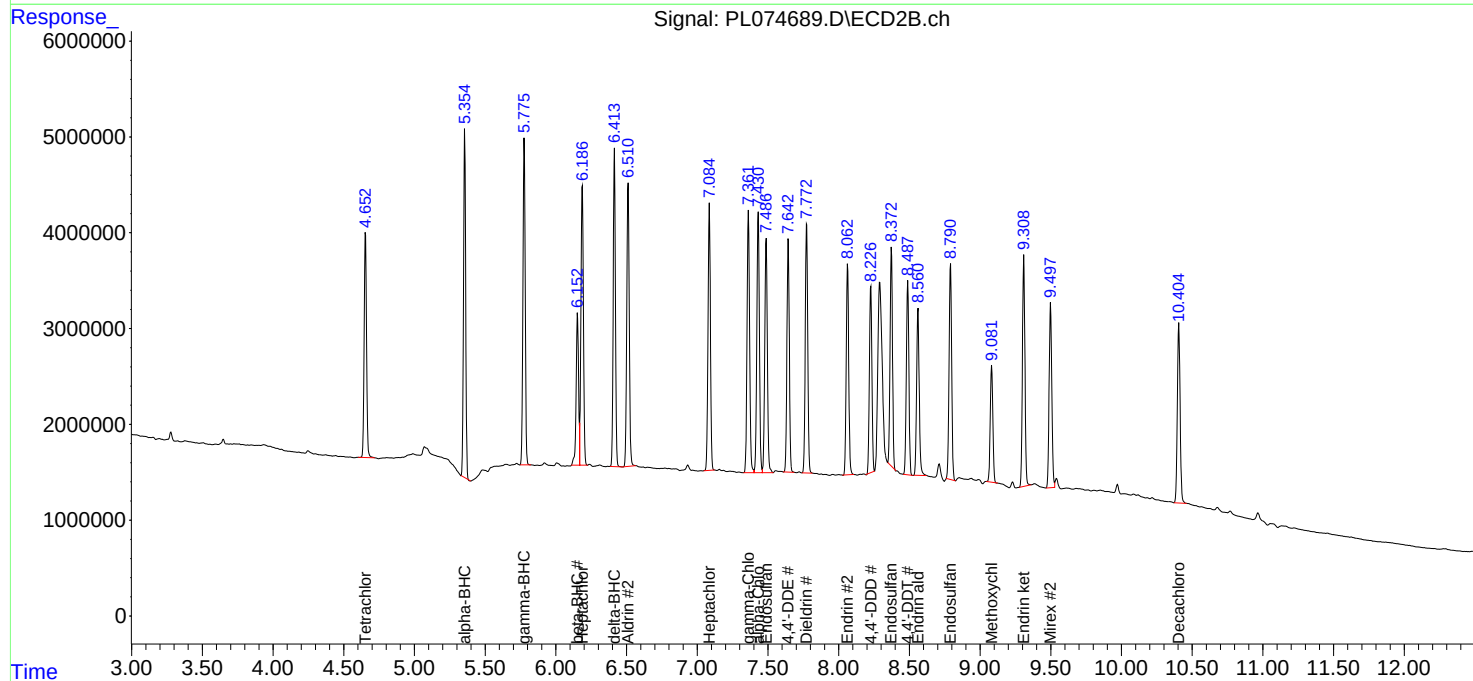
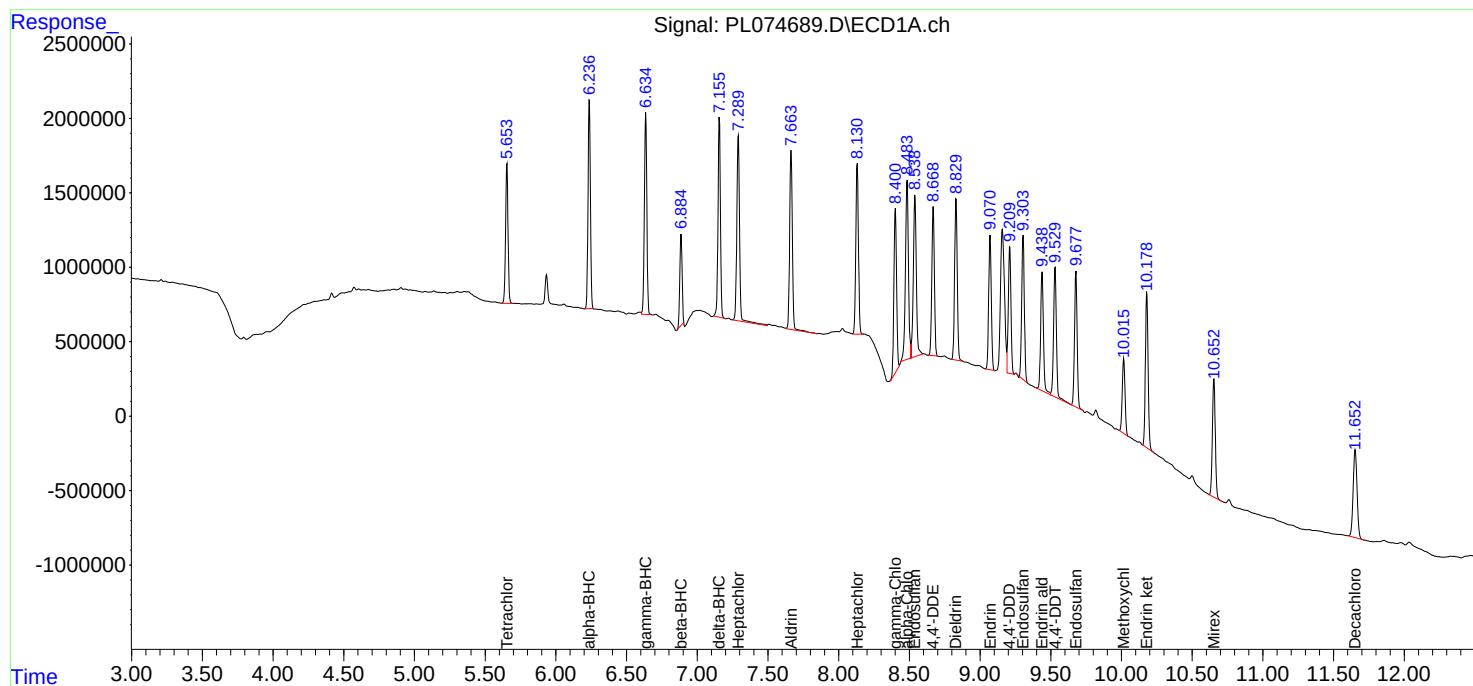
Instrument :
ECD_L
ClientSampleId :
RCA-EDISON-PILE-1MSD

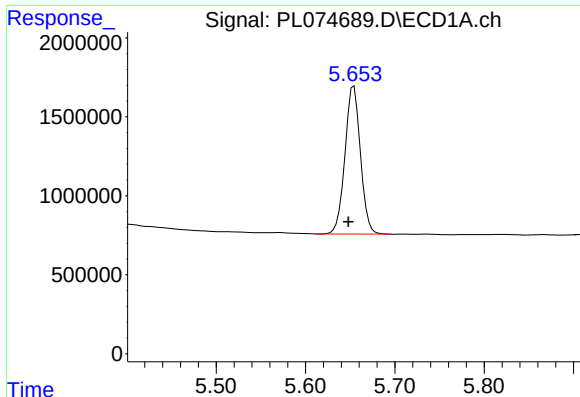
Manual Integrations
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Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 22:30:35 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





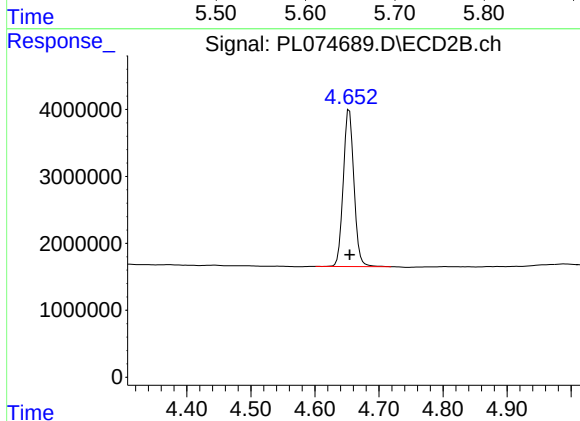
#1 Tetrachloro-m-xylene

R.T.: 5.654 min
Delta R.T.: 0.006 min
Response: 11266131
Conc: 22.19 ng/ml

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

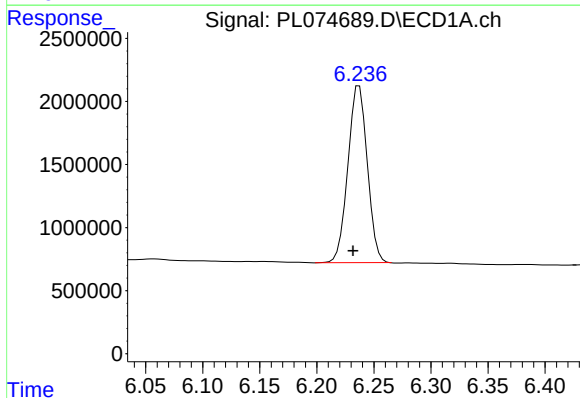
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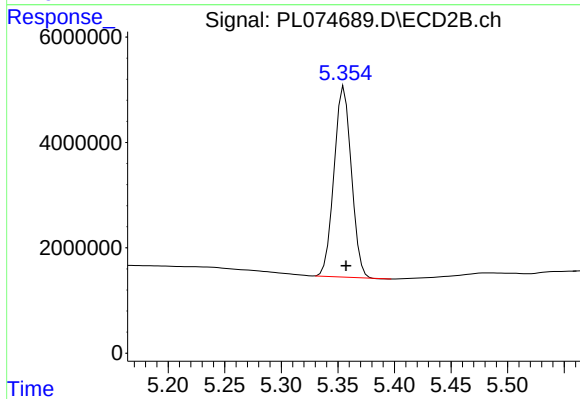
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 27097286
Conc: 19.74 ng/ml



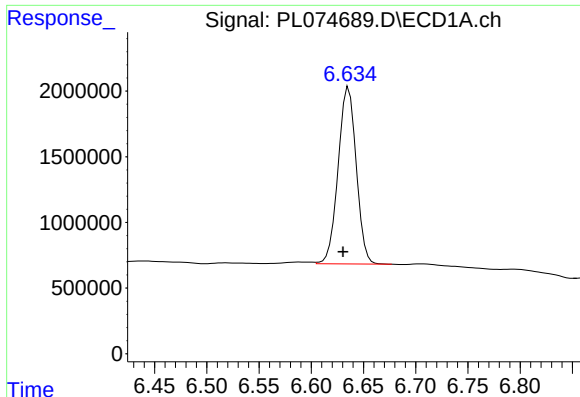
#2 alpha-BHC

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 16576875
Conc: 24.23 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 38585675
Conc: 22.93 ng/ml



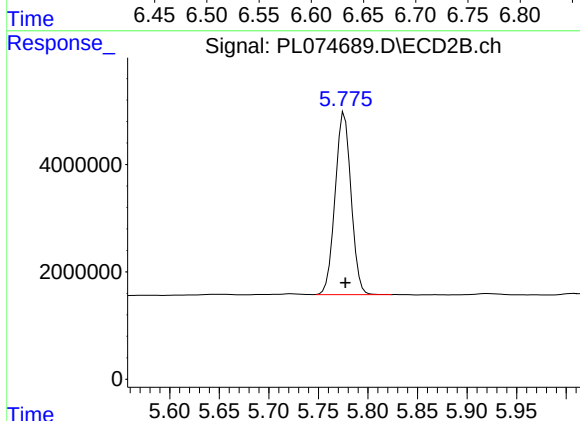
#3 gamma-BHC (Lindane)

R.T.: 6.636 min
Delta R.T.: 0.005 min
Response: 16262820
Conc: 25.19 ng/ml

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

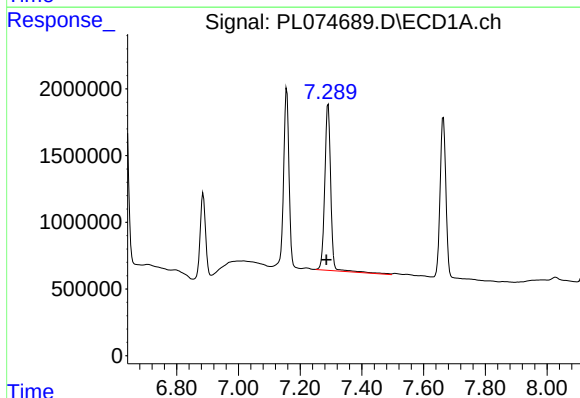
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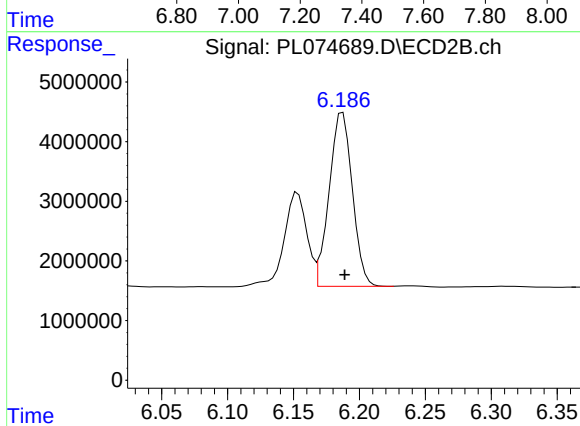
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 37924988
Conc: 22.95 ng/ml



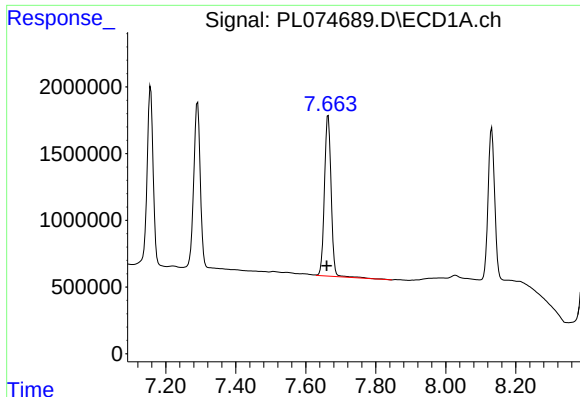
#4 Heptachlor

R.T.: 7.291 min
Delta R.T.: 0.005 min
Response: 16835498
Conc: 26.09 ng/ml



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 35653659
Conc: 23.49 ng/ml



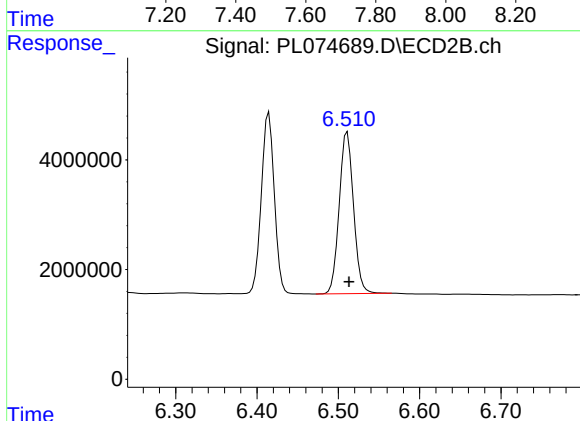
#5 Aldrin

R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 16079299
Conc: 25.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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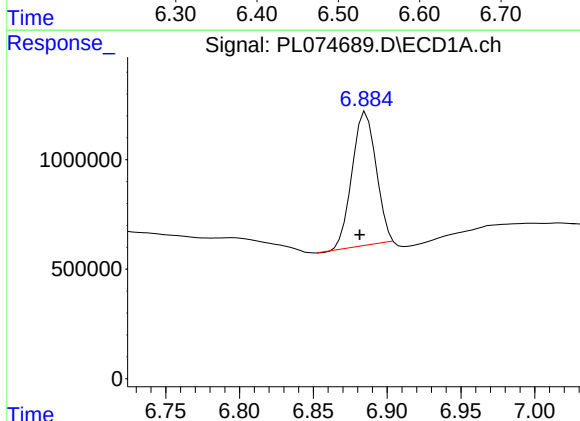
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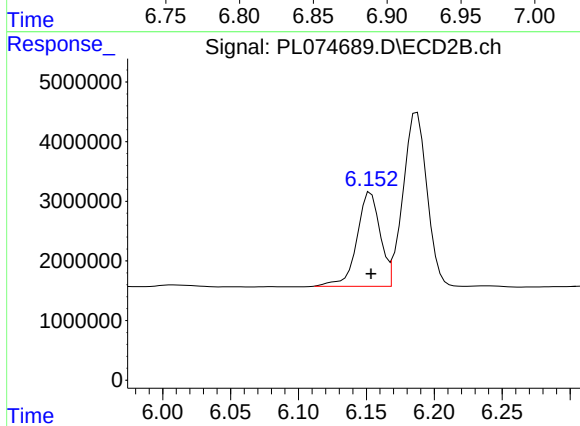
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 35902990
Conc: 23.93 ng/ml



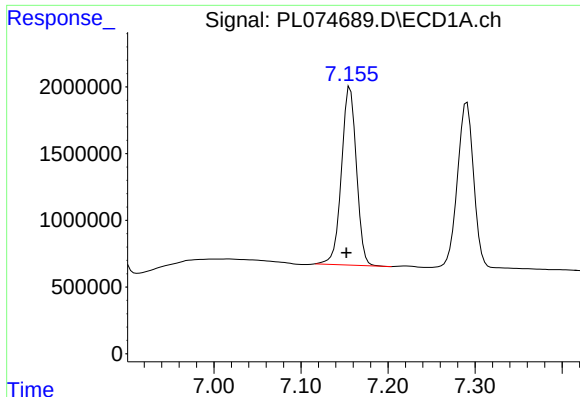
#6 beta-BHC

R.T.: 6.886 min
Delta R.T.: 0.004 min
Response: 6943060
Conc: 23.26 ng/ml



#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 18741073
Conc: 23.60 ng/ml



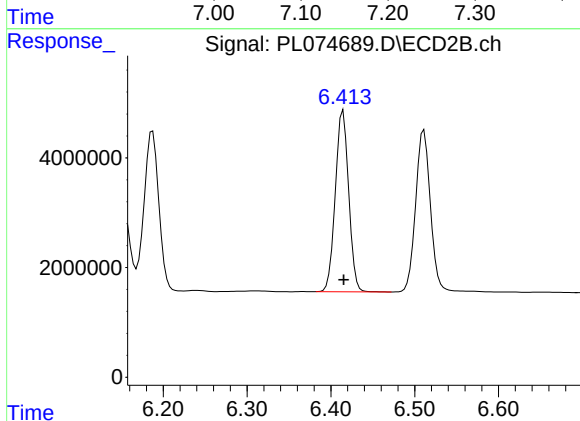
#7 delta-BHC

R.T.: 7.157 min
Delta R.T.: 0.004 min
Response: 15952566
Conc: 25.44 ng/ml

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

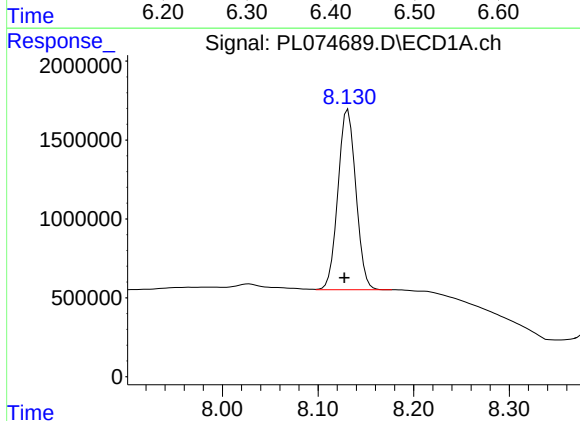
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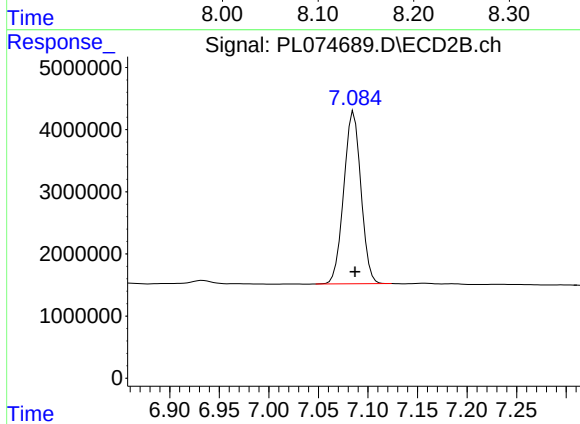
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 36541913
Conc: 23.37 ng/ml



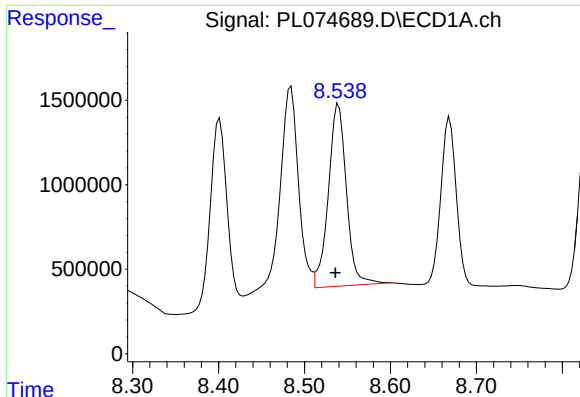
#8 Heptachlor epoxide

R.T.: 8.131 min
Delta R.T.: 0.004 min
Response: 14827334
Conc: 26.07 ng/ml



#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 33391301
Conc: 23.99 ng/ml



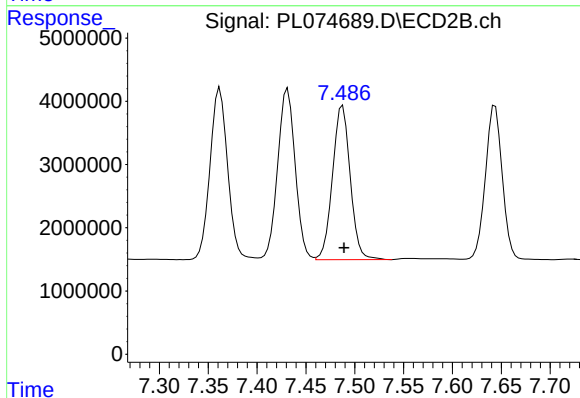
#9 Endosulfan I

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 15800776
Conc: 27.41 ng/ml

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

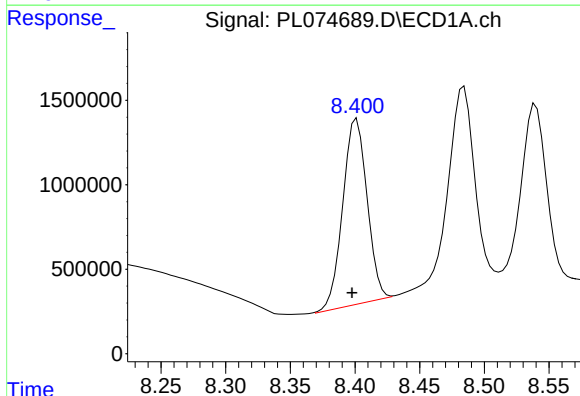
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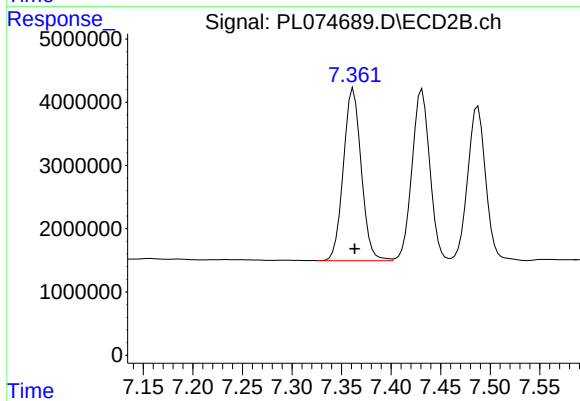
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 30820514
Conc: 24.63 ng/ml



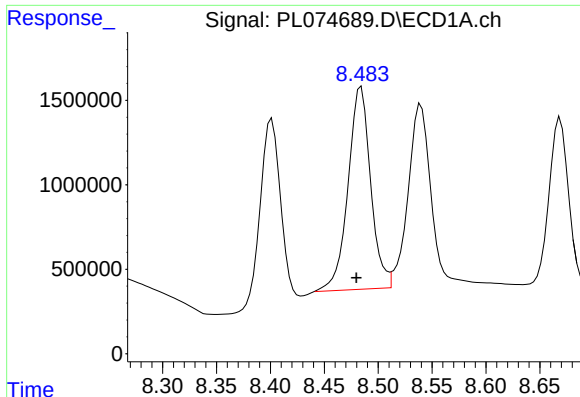
#10 gamma-Chlordane

R.T.: 8.400 min
Delta R.T.: 0.002 min
Response: 14387643
Conc: 27.82 ng/ml m



#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 34116140
Conc: 24.62 ng/ml



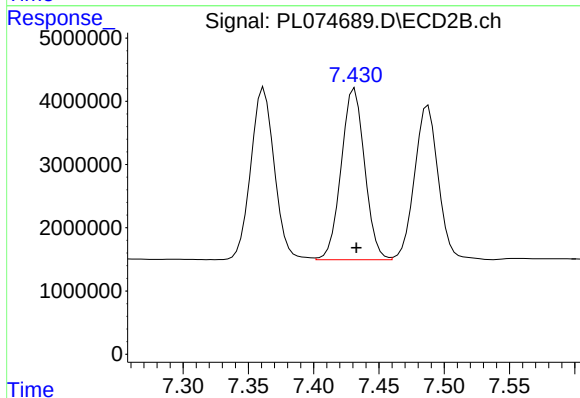
#11 alpha-Chlordane

R.T.: 8.484 min
Delta R.T.: 0.004 min
Response: 17520553
Conc: 28.70 ng/ml

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

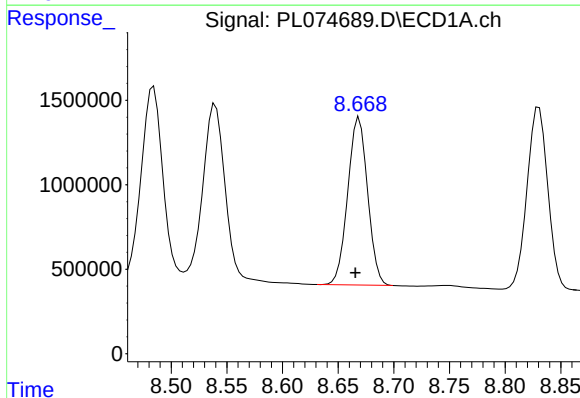
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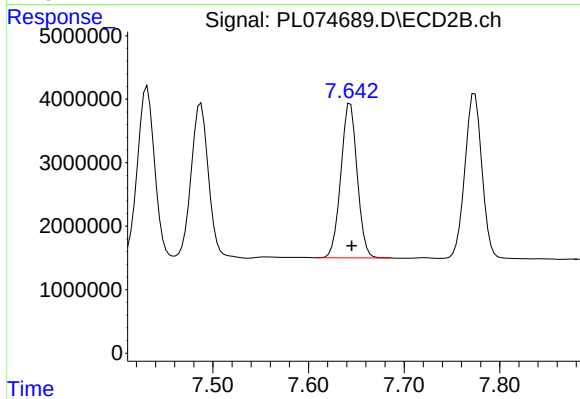
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.001 min
Response: 33883994
Conc: 25.07 ng/ml



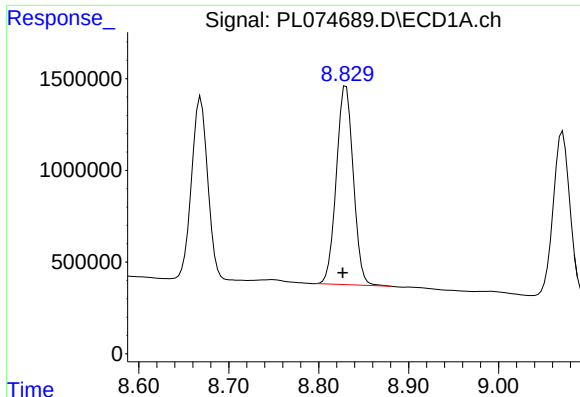
#12 4,4'-DDE

R.T.: 8.669 min
Delta R.T.: 0.004 min
Response: 12351205
Conc: 26.68 ng/ml



#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 28925771
Conc: 24.58 ng/ml



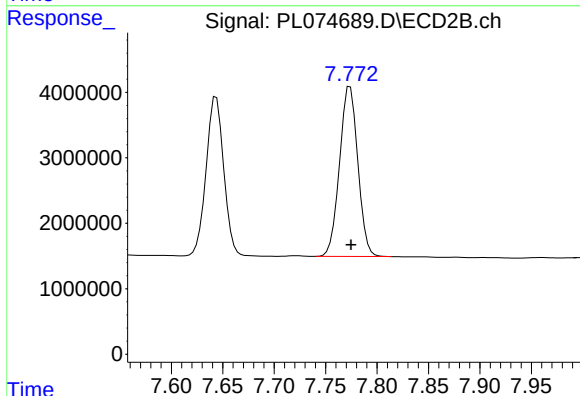
#13 Dieldrin

R.T.: 8.830 min
Delta R.T.: 0.004 min
Response: 14181865
Conc: 26.98 ng/ml

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

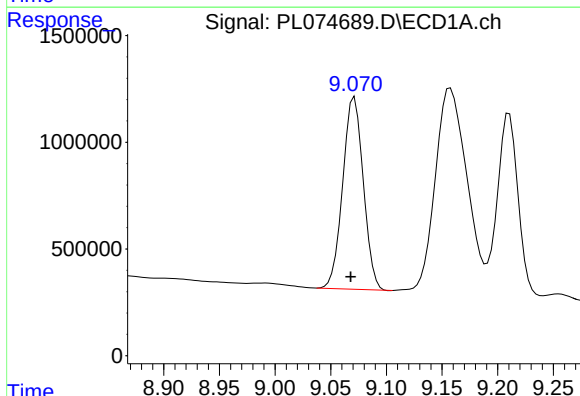
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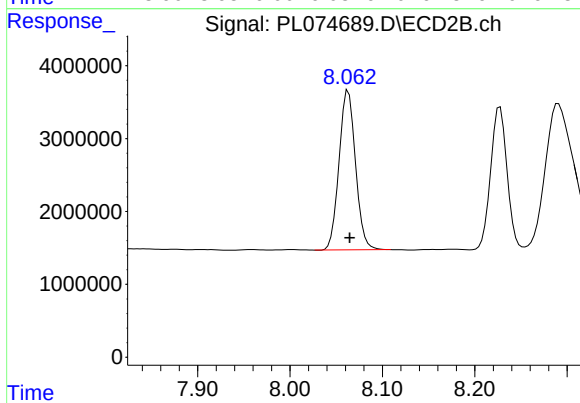
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 32138573
Conc: 25.23 ng/ml



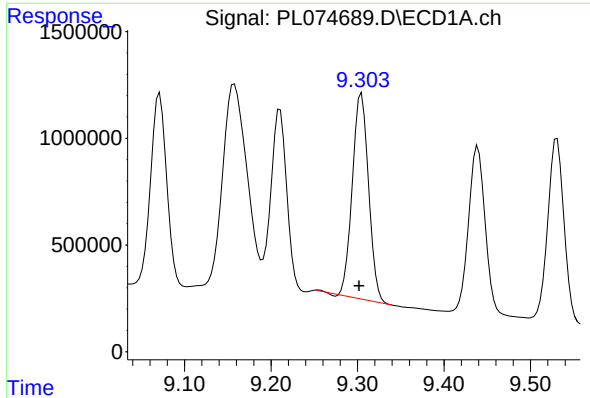
#14 Endrin

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 11572536
Conc: 28.04 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 27166281
Conc: 25.72 ng/ml



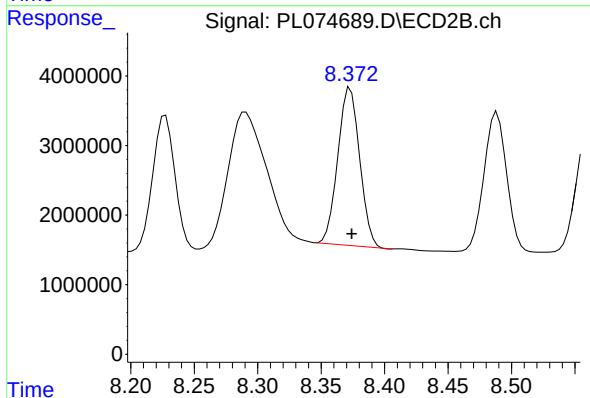
#15 Endosulfan II

R.T.: 9.304 min
Delta R.T.: 0.003 min
Response: 12481245
Conc: 28.39 ng/ml

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

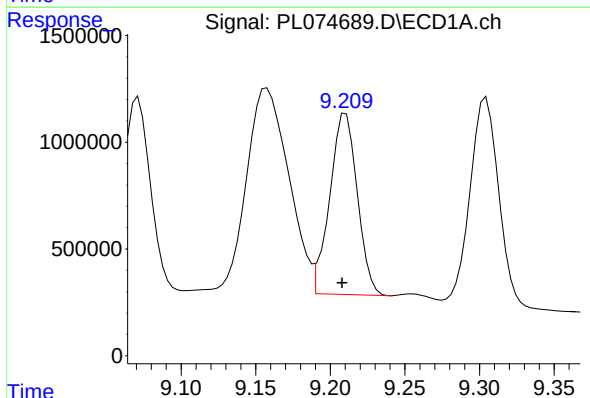
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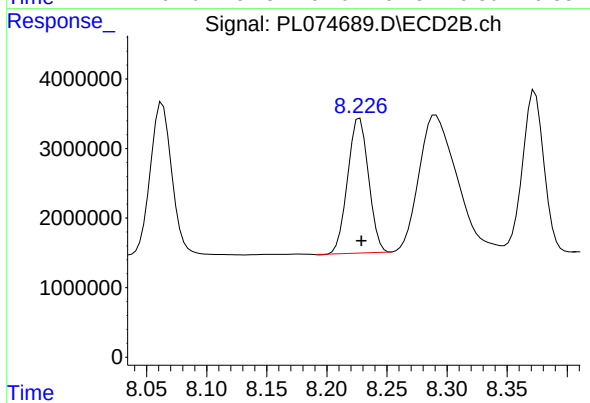
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.001 min
Response: 27238095
Conc: 24.11 ng/ml



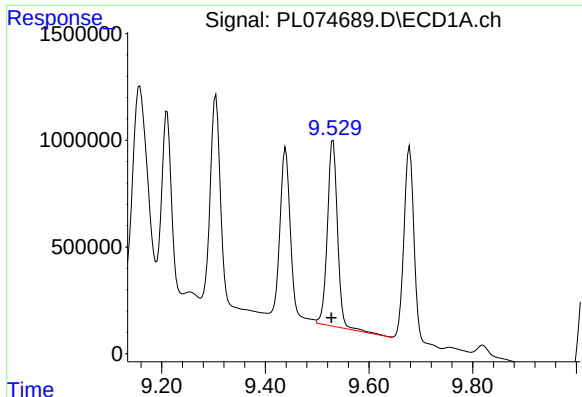
#16 4,4'-DDD

R.T.: 9.210 min
Delta R.T.: 0.003 min
Response: 10929570
Conc: 24.17 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.001 min
Response: 23487657
Conc: 23.84 ng/ml



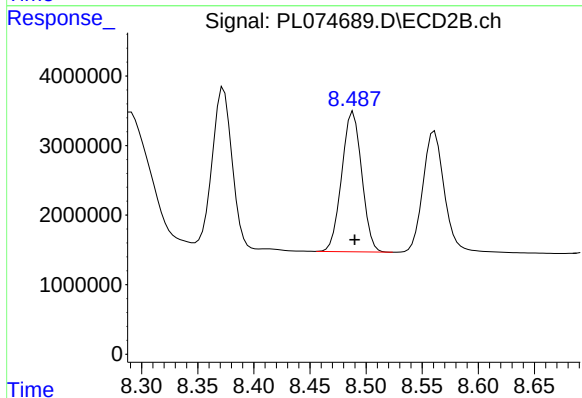
#17 4,4'-DDT

R.T.: 9.531 min
Delta R.T.: 0.003 min
Response: 11936369
Conc: 25.97 ng/ml

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

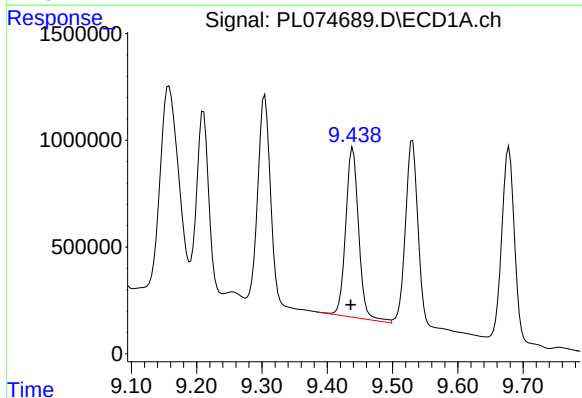
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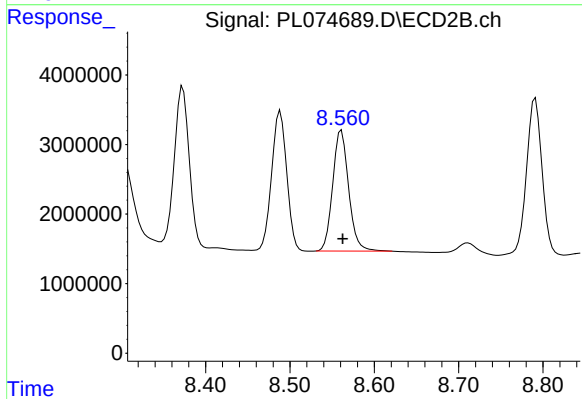
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.001 min
Response: 24964712
Conc: 24.95 ng/ml



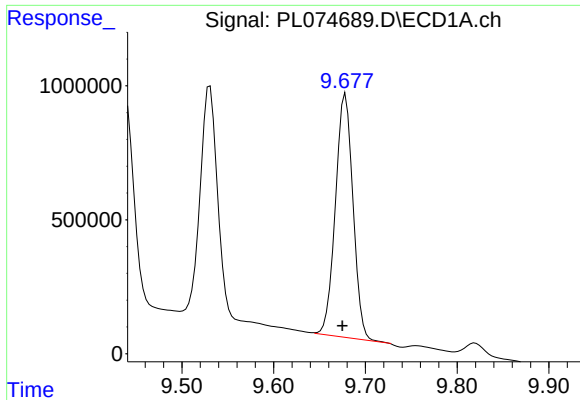
#18 Endrin aldehyde

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 11019054
Conc: 31.13 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 22870717
Conc: 28.64 ng/ml



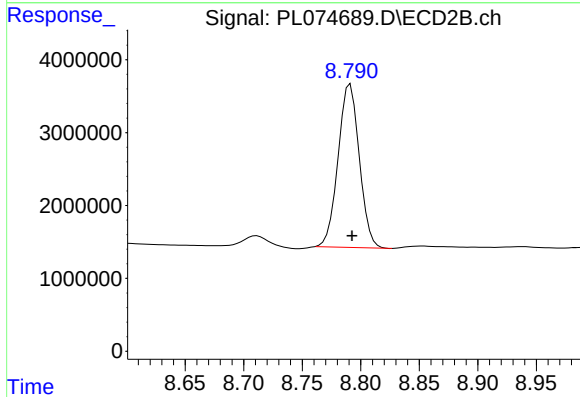
#19 Endosulfan Sulfate

R.T.: 9.678 min
Delta R.T.: 0.003 min
Response: 11988218
Conc: 26.52 ng/ml

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

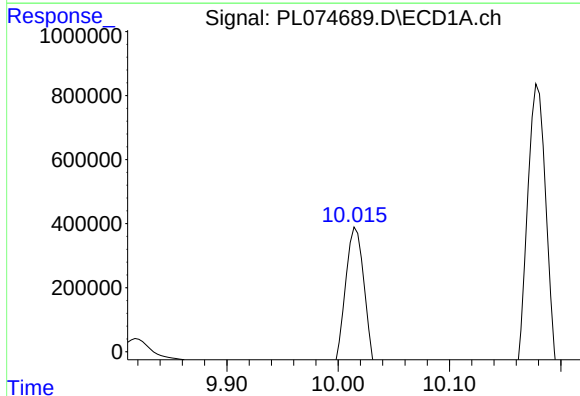
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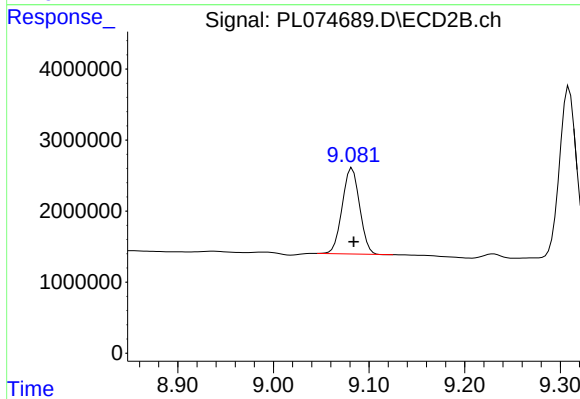
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.001 min
Response: 28269989
Conc: 25.97 ng/ml



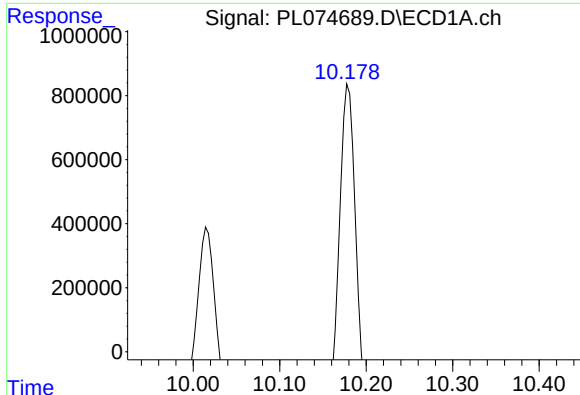
#20 Methoxychlor

R.T.: 10.016 min
Delta R.T.: 0.003 min
Response: 6682419
Conc: 27.28 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 15348666
Conc: 26.26 ng/ml



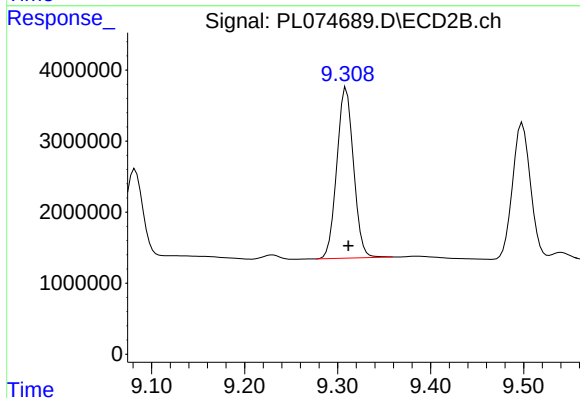
#21 Endrin ketone

R.T.: 10.180 min
Delta R.T.: 0.002 min
Response: 13980792
Conc: 27.26 ng/ml

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

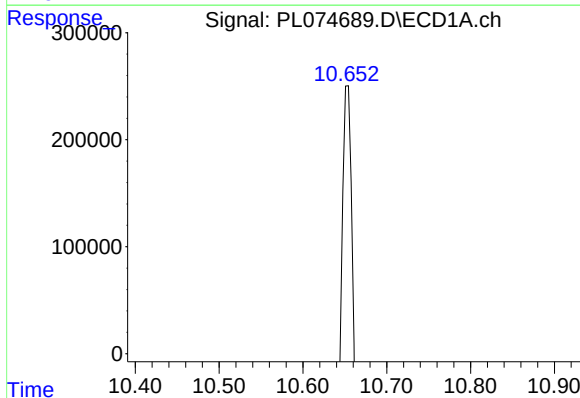
Manual Integrations
APPROVED

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



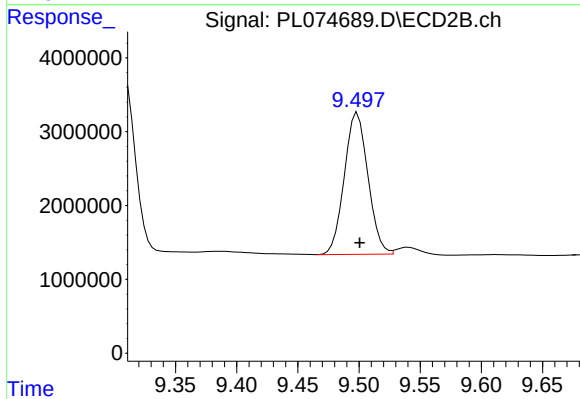
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 29964942
Conc: 26.88 ng/ml



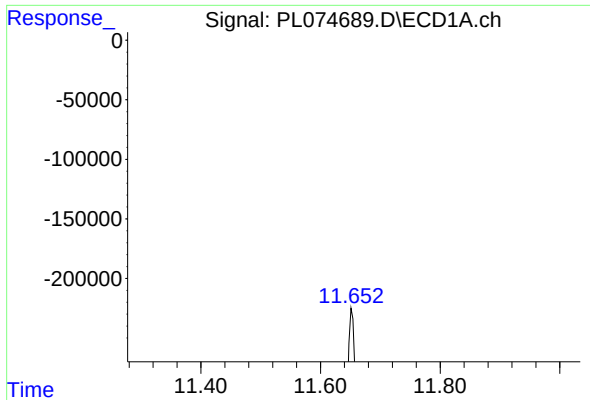
#22 Mirex

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 11413822
Conc: 28.29 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 25803673
Conc: 26.64 ng/ml



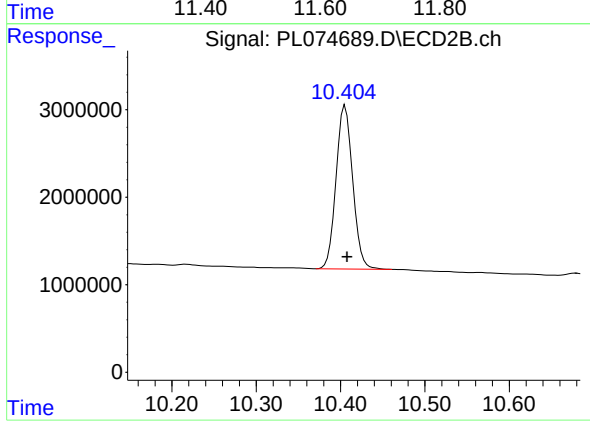
#28 Decachlorobiphenyl

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 11421995
Conc: 25.58 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 25645974
Conc: 24.99 ng/ml