

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 11:51
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

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 11 15:06:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 15:05:39 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...	5.647	4.654	2628161	7561132	5.201	5.572
28)	SA Decachlor...	11.650	10.408	2362133	5932450	5.286	5.918
Target Compounds							
2)	A alpha-BHC	6.231	5.356	3062297	7519873	4.412	4.323
3)	MA gamma-BHC...	6.629	5.777	2951126	8287721	4.482	4.959
4)	MA Heptachlor	7.284	6.188	3397046	8094733	5.360	5.382
5)	MB Aldrin	7.659	6.512	3265444	7817016	5.368	5.216
6)	B beta-BHC	6.881	6.153	1461042	4614305	4.750	5.929
7)	B delta-BHC	7.151	6.415	2873098	7815918	4.514	4.940
8)	B Heptachlo...	8.126	7.086	2939618	7596015	5.206	5.505
9)	A Endosulfan I	8.534	7.488	3038728	6588797	5.329m	5.278
10)	B gamma-Chl...	8.398	7.362	2241665	7603108	4.186	5.564 #
11)	B alpha-Chl...	8.477	7.431	3165577	7265544	5.218m	5.416
12)	B 4,4'-DDE	8.664	7.644	2089157	5871676	4.424	4.972
13)	MA Dieldrin	8.826	7.774	2614099	6697424	4.971	5.302
14)	MA Endrin	9.067	8.064	1951237	5536009	4.670	5.247
15)	B Endosulfa...	9.301	8.373	2143383	7089859	4.822	6.624 #
16)	A 4,4'-DDD	9.206	8.227	2649994	5089442	6.189	5.197
17)	MA 4,4'-DDT	9.525	8.489	2225093	5223029	4.775m	5.260
18)	B Endrin al...	9.434	8.561	1703548	4519333	4.739m	5.801
19)	B Endosulfa...	9.674	8.792	2257078	6136818	4.947	5.820
20)	A Methoxychlor	10.012	9.083	1185093	3161671	4.725	5.432
21)	B Endrin ke...	10.177	9.310	2488654	6041860	4.795	5.595
22)	Mirex	10.650	9.500	1987269	5731213	4.828	6.121 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 11:51
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

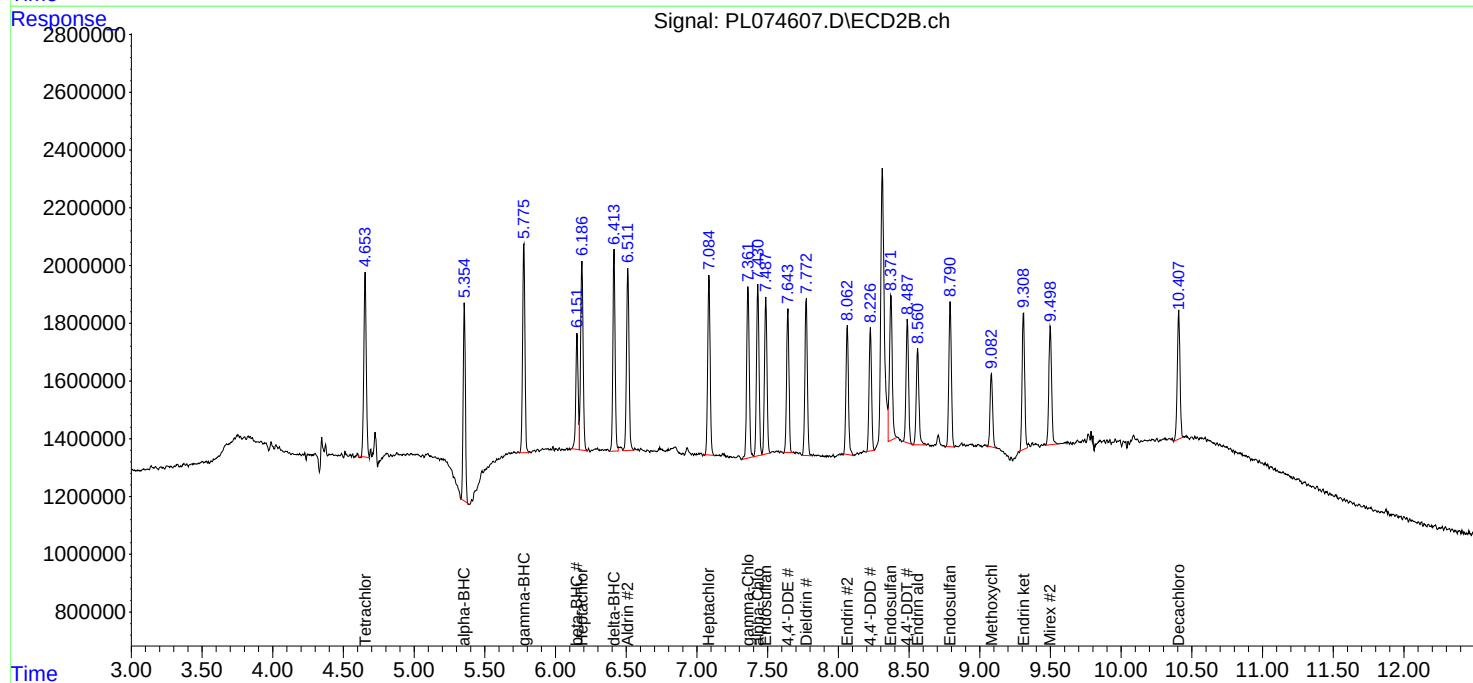
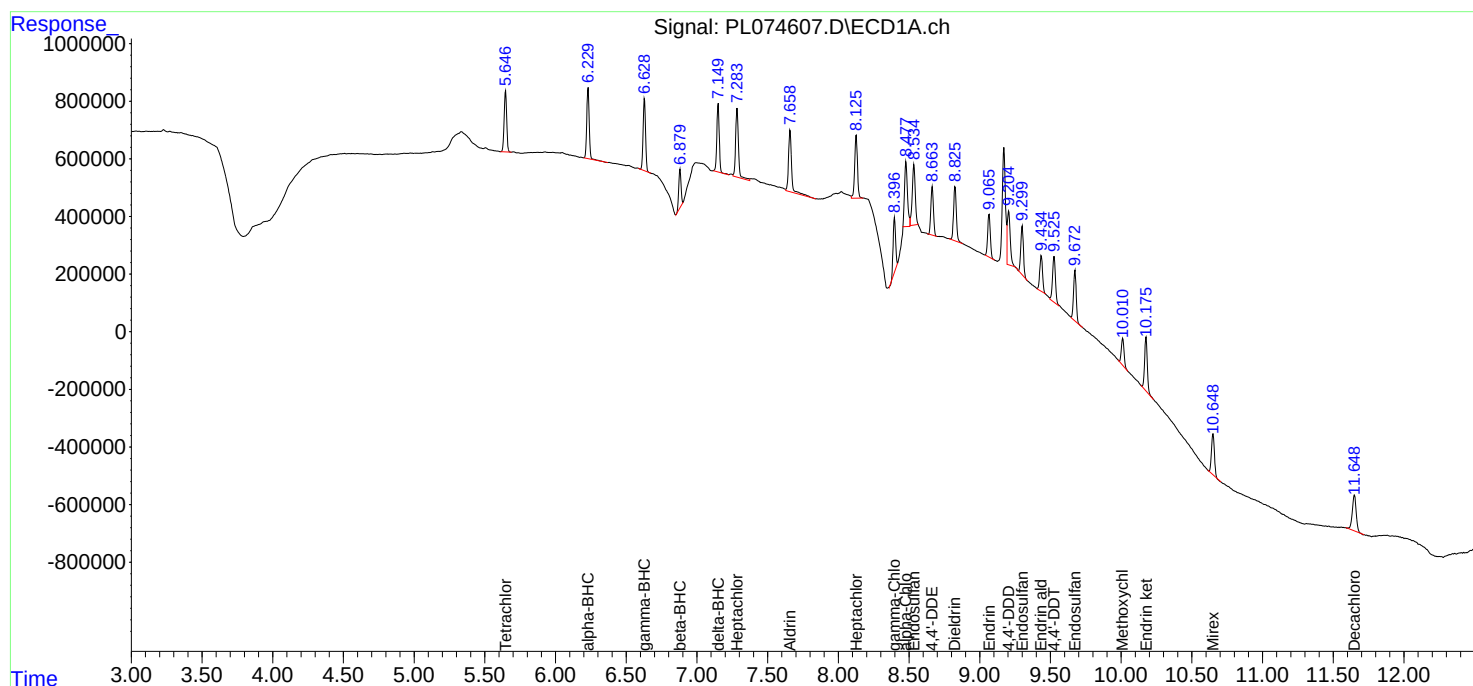
APPROVED

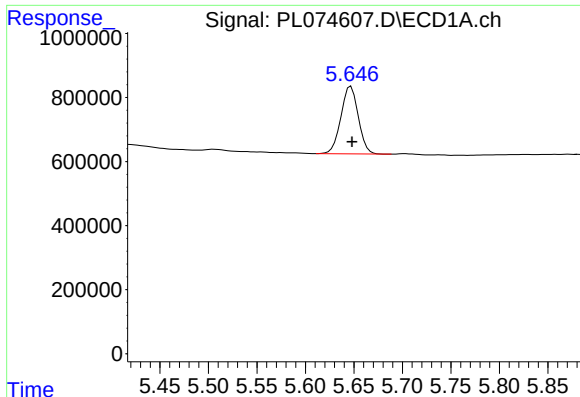
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 15:06:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 15:05:39 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





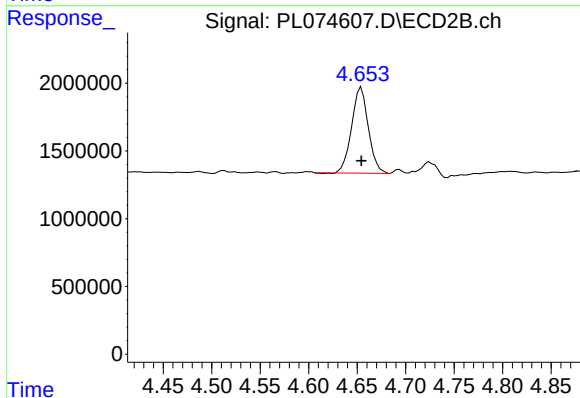
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 2628161
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

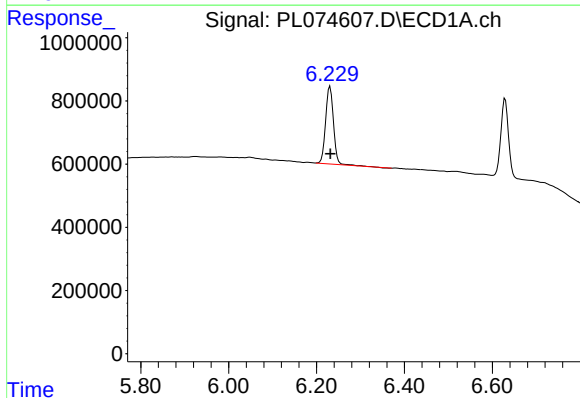
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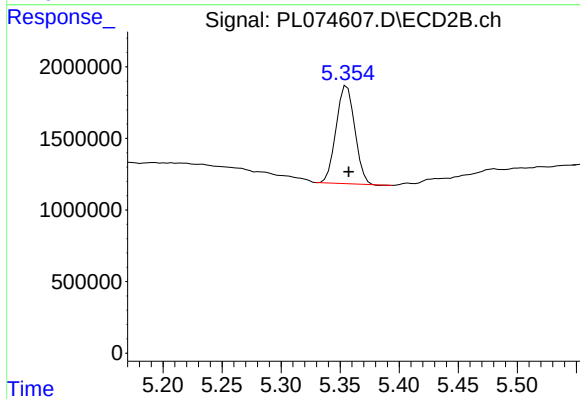
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 7561132
Conc: 5.57 ng/ml



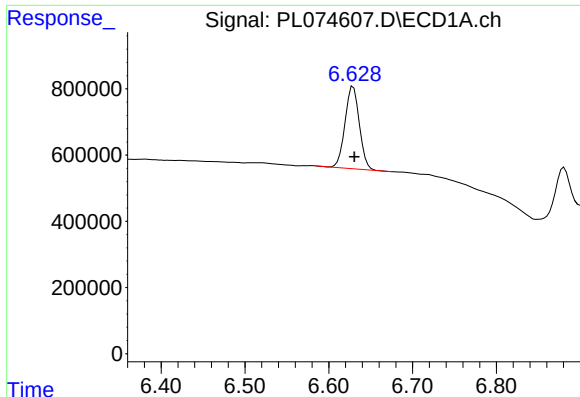
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 3062297
Conc: 4.41 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 7519873
Conc: 4.32 ng/ml



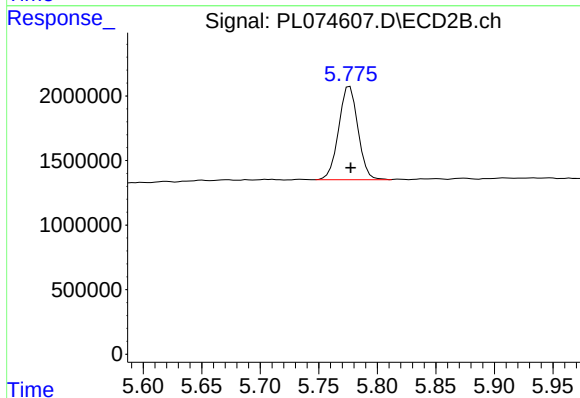
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 2951126
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

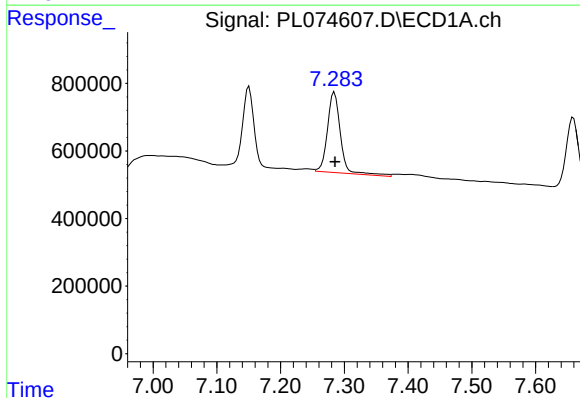
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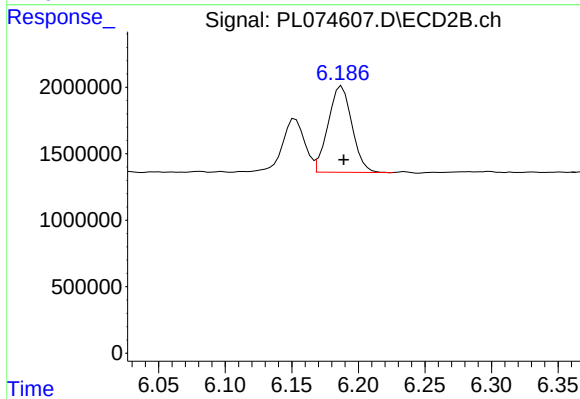
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 8287721
Conc: 4.96 ng/ml



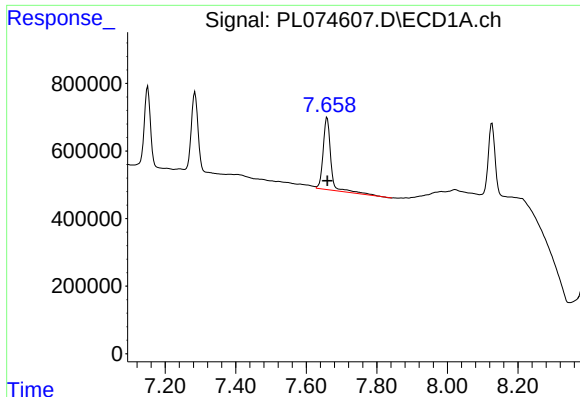
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 3397046
Conc: 5.36 ng/ml



#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 8094733
Conc: 5.38 ng/ml



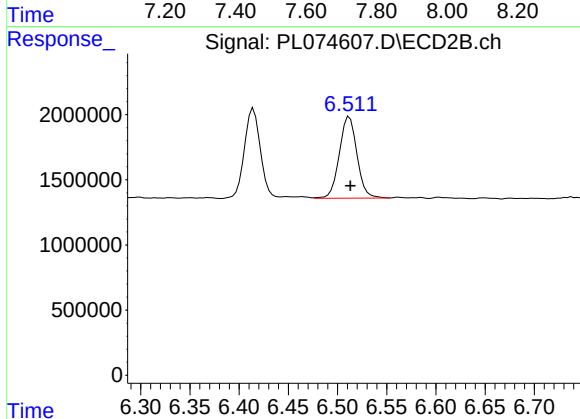
#5 Aldrin

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 3265444
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

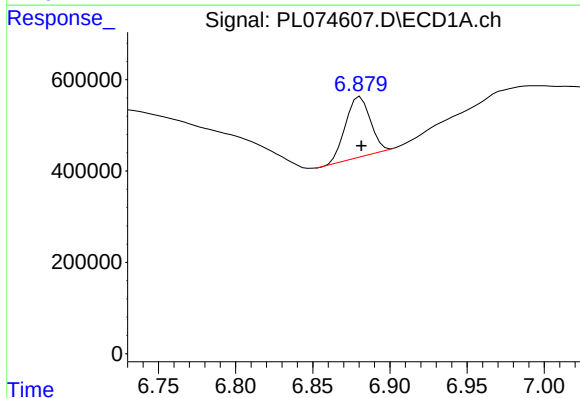
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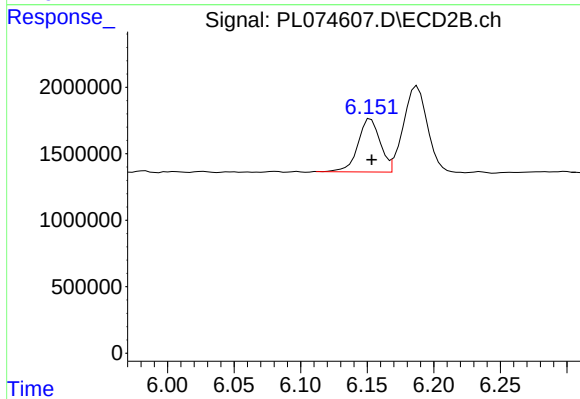
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 7817016
Conc: 5.22 ng/ml



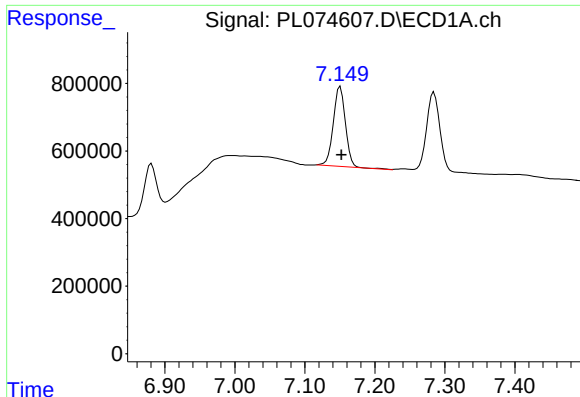
#6 beta-BHC

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 1461042
Conc: 4.75 ng/ml



#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 4614305
Conc: 5.93 ng/ml



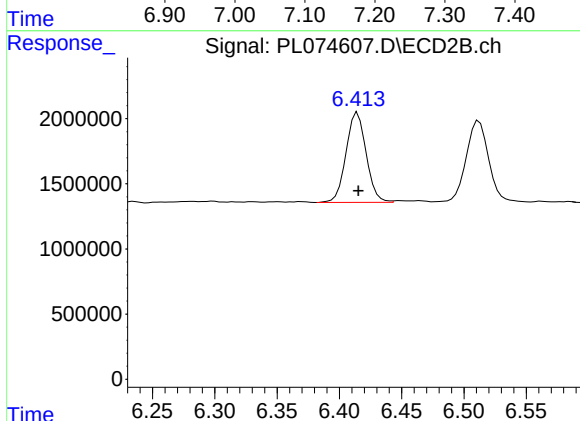
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 2873098
Conc: 4.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

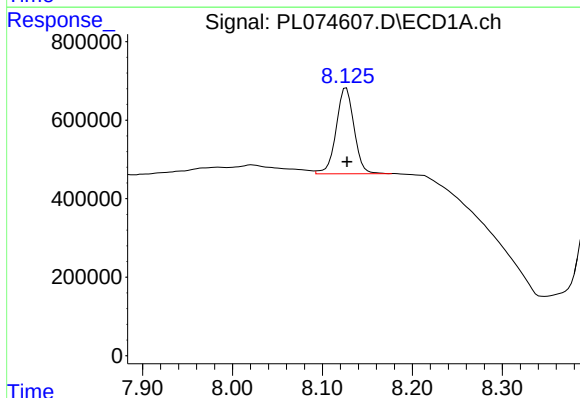
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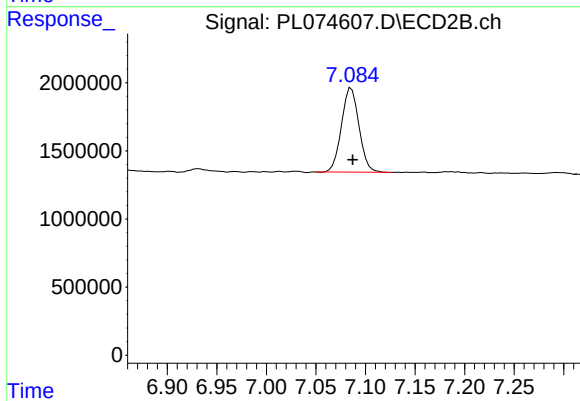
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 7815918
Conc: 4.94 ng/ml



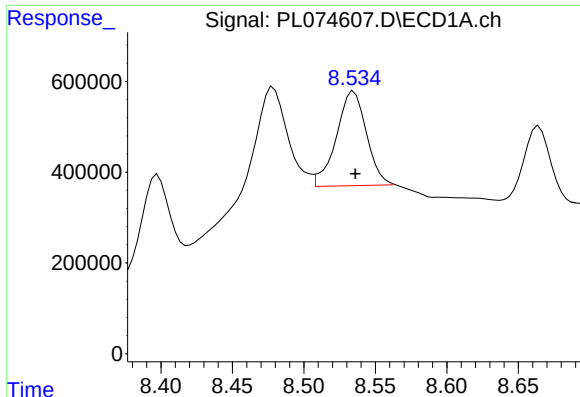
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 2939618
Conc: 5.21 ng/ml



#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 7596015
Conc: 5.50 ng/ml



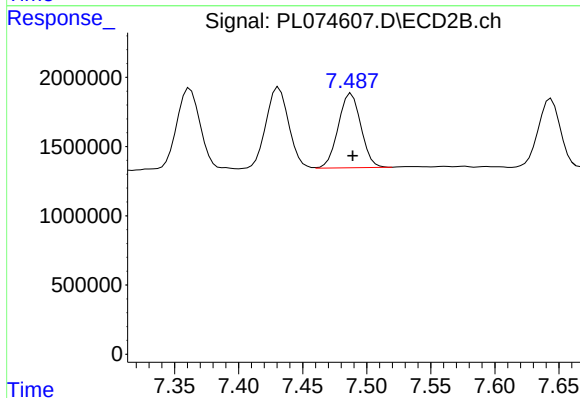
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 3038728
Conc: 5.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

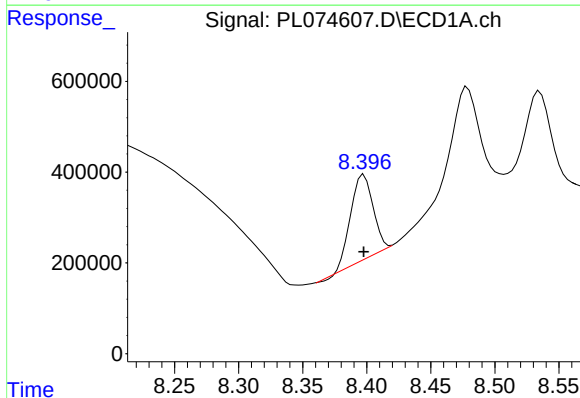
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Supervised By :mohammad ahmed 05/16/2022



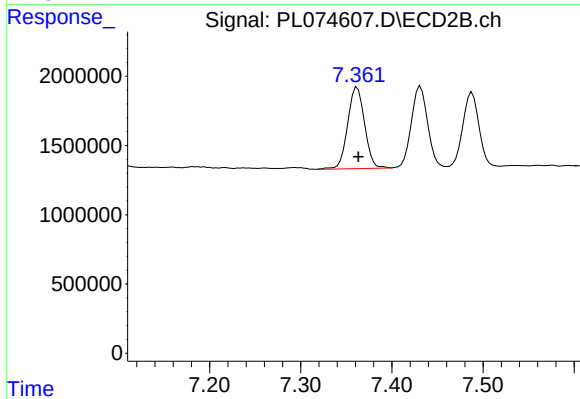
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 6588797
Conc: 5.28 ng/ml



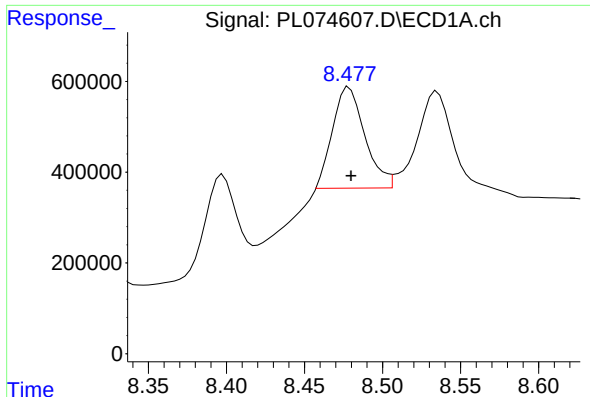
#10 gamma-Chlordane

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2241665
Conc: 4.19 ng/ml



#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 7603108
Conc: 5.56 ng/ml



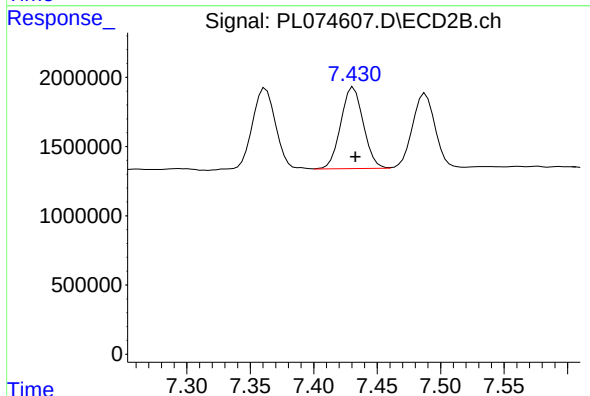
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 3165577
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

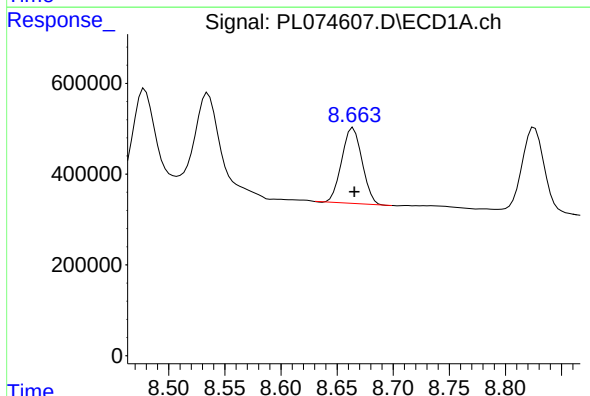
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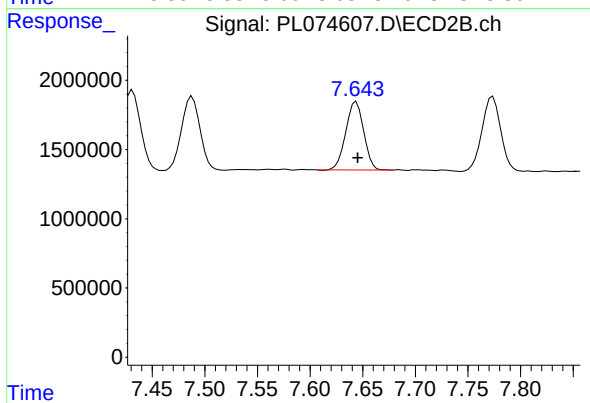
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.001 min
Response: 7265544
Conc: 5.42 ng/ml



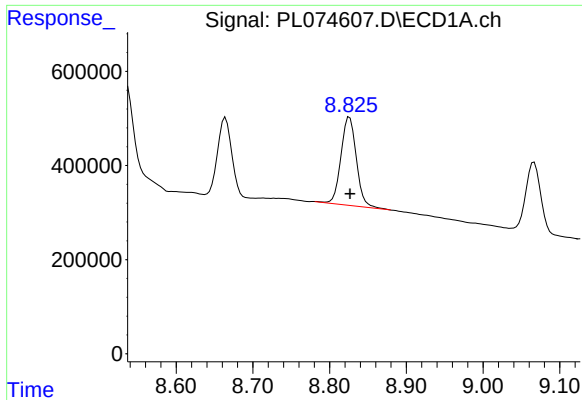
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.001 min
Response: 2089157
Conc: 4.42 ng/ml



#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 5871676
Conc: 4.97 ng/ml



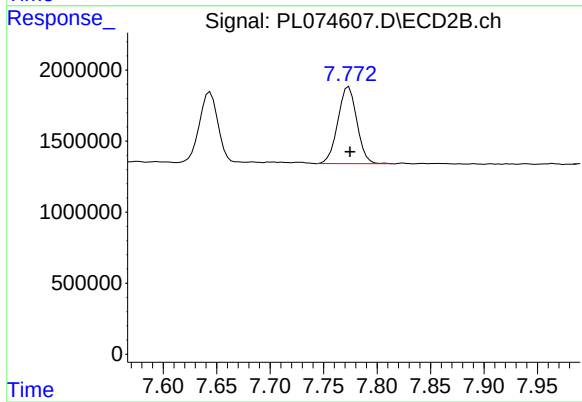
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 2614099
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

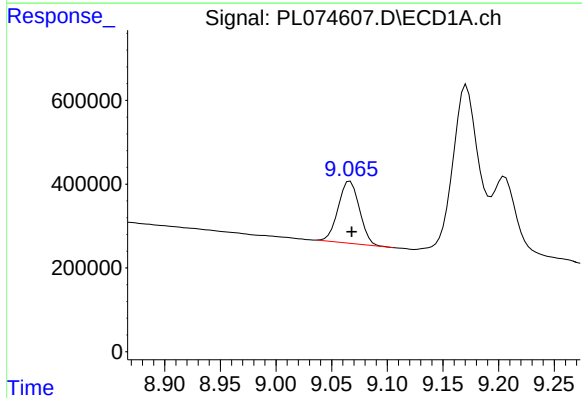
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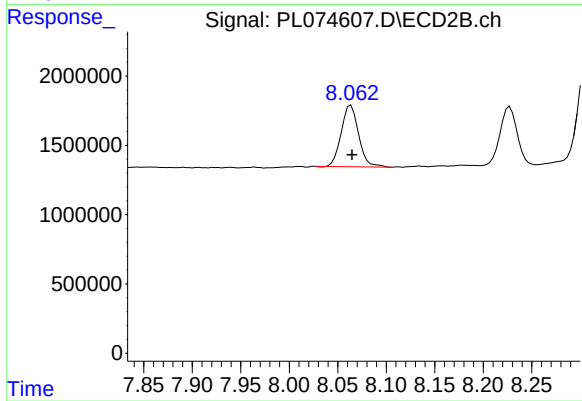
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 6697424
Conc: 5.30 ng/ml



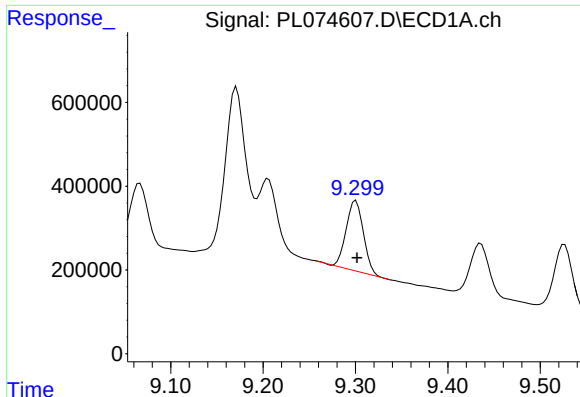
#14 Endrin

R.T.: 9.067 min
Delta R.T.: -0.001 min
Response: 1951237
Conc: 4.67 ng/ml



#14 Endrin

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 5536009
Conc: 5.25 ng/ml



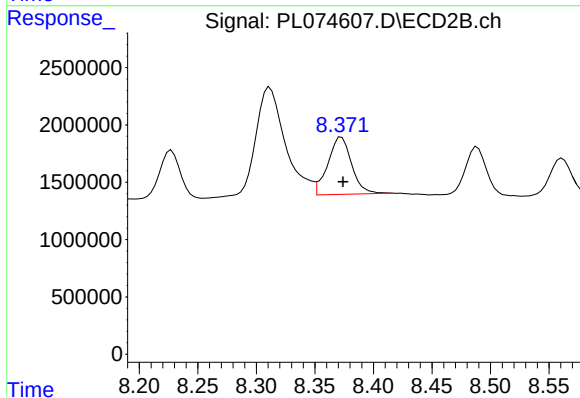
#15 Endosulfan II

R.T.: 9.301 min
Delta R.T.: -0.001 min
Response: 2143383
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

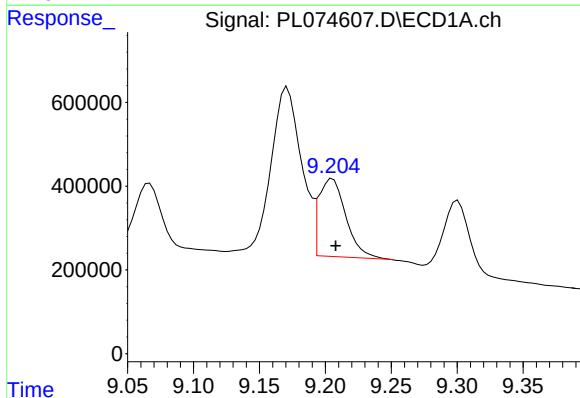
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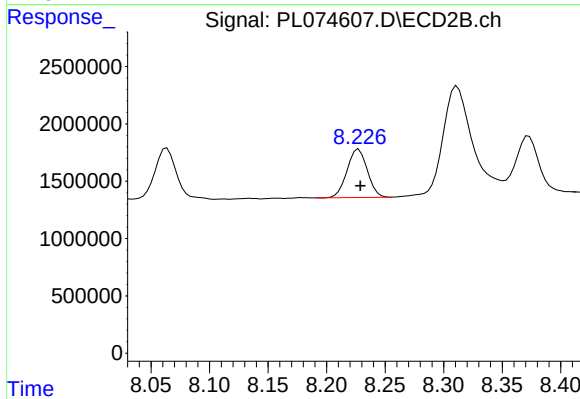
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.001 min
Response: 7089859
Conc: 6.62 ng/ml



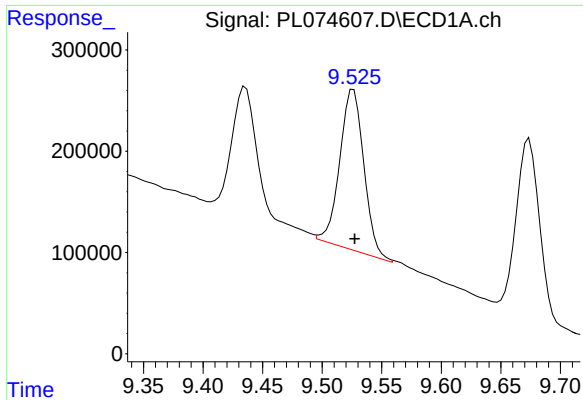
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 2649994
Conc: 6.19 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.001 min
Response: 5089442
Conc: 5.20 ng/ml



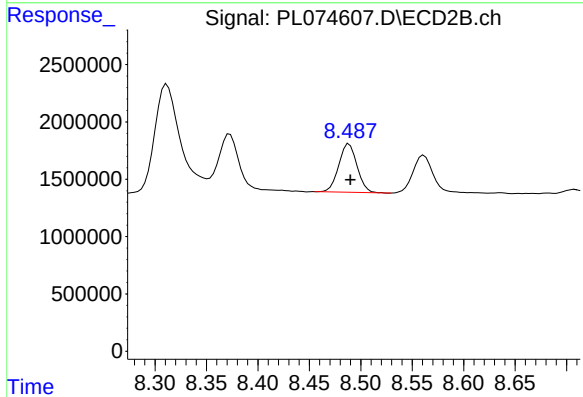
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 2225093
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

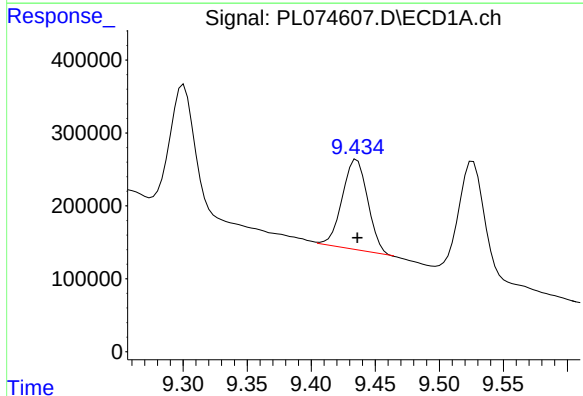
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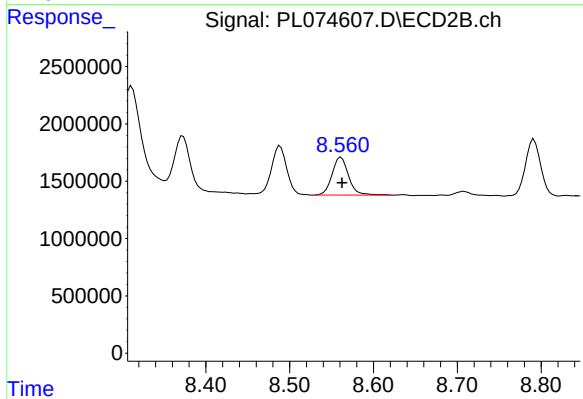
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.001 min
Response: 5223029
Conc: 5.26 ng/ml



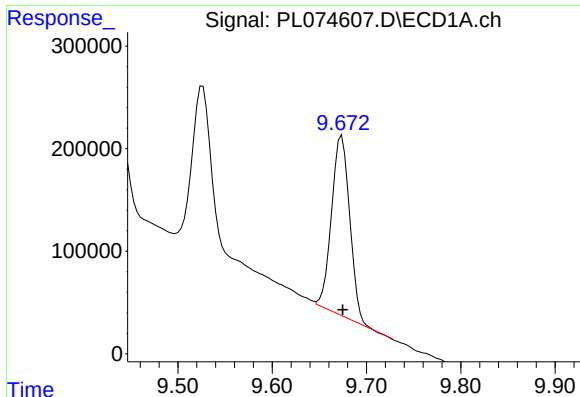
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.002 min
Response: 1703548
Conc: 4.74 ng/ml m



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 4519333
Conc: 5.80 ng/ml



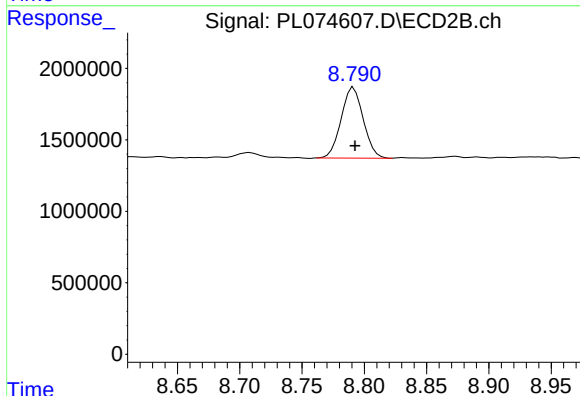
#19 Endosulfan Sulfate

R.T.: 9.674 min
Delta R.T.: -0.001 min
Response: 2257078
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

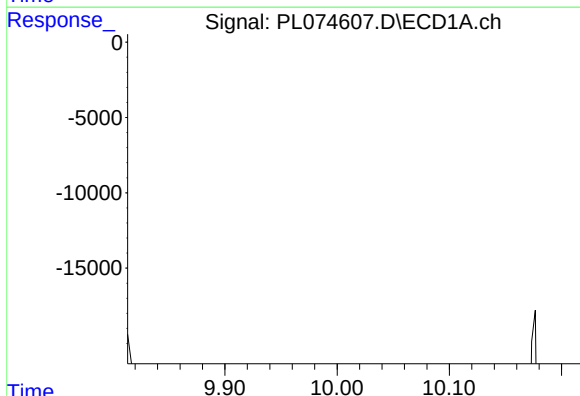
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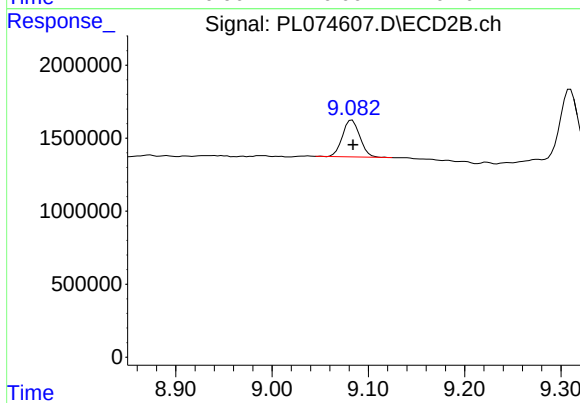
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 6136818
Conc: 5.82 ng/ml



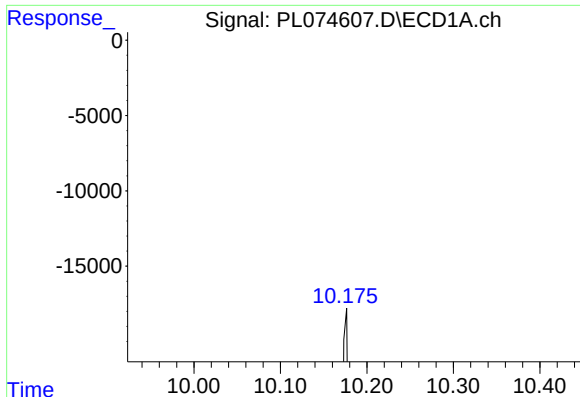
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 1185093
Conc: 4.72 ng/ml



#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 3161671
Conc: 5.43 ng/ml



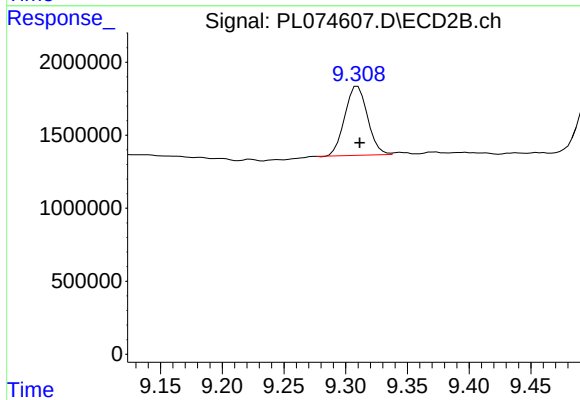
#21 Endrin ketone

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 2488654
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

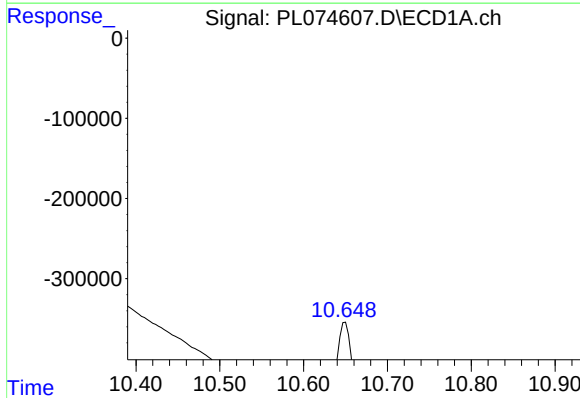
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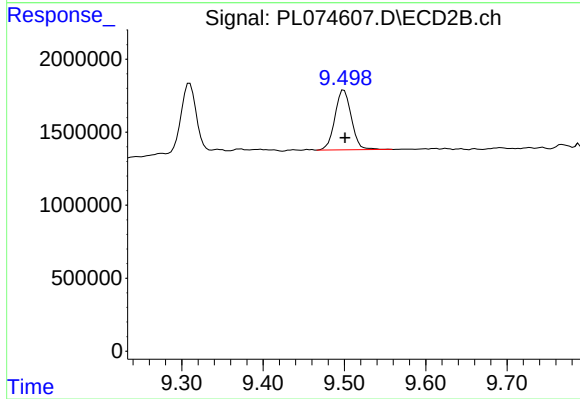
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: -0.002 min
Response: 6041860
Conc: 5.59 ng/ml



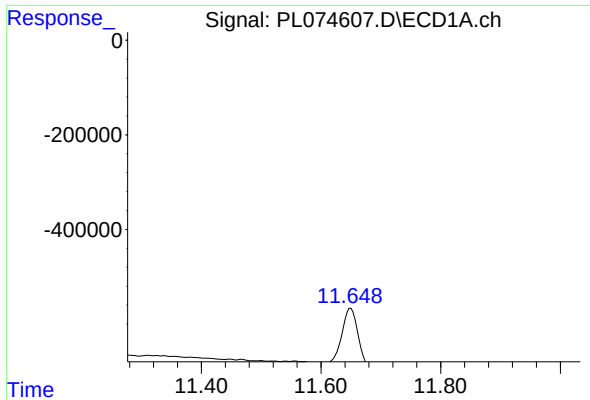
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 1987269
Conc: 4.83 ng/ml



#22 Mirex

R.T.: 9.500 min
Delta R.T.: -0.001 min
Response: 5731213
Conc: 6.12 ng/ml



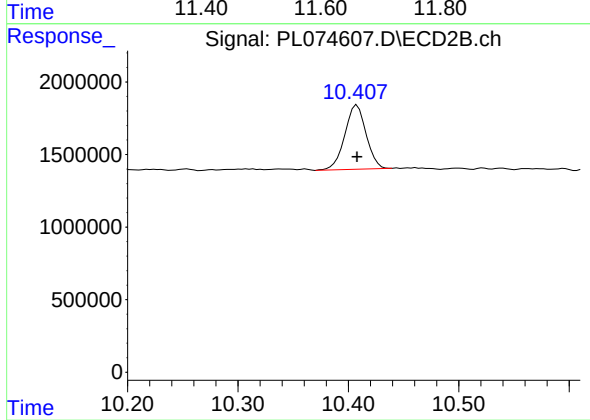
#28 Decachlorobiphenyl

R.T.: 11.650 min
Delta R.T.: -0.001 min
Response: 2362133
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: 0.000 min
Response: 5932450
Conc: 5.92 ng/ml