

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 21:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:44:52 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...	4.637	5.490	17765157	99046505	54.982	55.551
28)	SA Decachlor...	10.409	11.333	24142834	83382285	46.426	47.207
Target Compounds							
2)	A alpha-BHC	5.345	6.053	22409305	140.5E6	53.398	55.792
3)	MA gamma-BHC...	5.769	6.442	21687480	129.9E6	51.711	54.876
4)	MA Heptachlor	6.179	7.101	21751209	130.1E6	48.287	49.889
5)	MB Aldrin	6.503	7.470	21660457	131.1E6	52.188m	55.815
6)	B beta-BHC	6.149	6.679	10664164	58070609	52.192	51.526
7)	B delta-BHC	6.410	6.947	21247852	129.9E6	51.364	53.196
8)	B Heptachlo...	7.081	7.926	21676570	116.8E6	50.536	51.893
9)	A Endosulfan I	7.484	8.326	20351074	102.0E6	49.622	51.795
10)	B gamma-Chl...	7.359	8.194	21900767	115.0E6	49.935	51.552
11)	B alpha-Chl...	7.429	8.277	22132678	111.9E6	50.100	51.980
12)	B 4,4'-DDE	7.642	8.461	18450635	106.1E6	50.575	53.246
13)	MA Dieldrin	7.770	8.611	20595134	107.1E6	47.943	53.400
14)	MA Endrin	8.062	8.846	20452508	89380551	50.347	52.773
15)	B Endosulfa...	8.372	9.070	20816033	87669969	50.505	50.465
16)	A 4,4'-DDD	8.227	8.989	17708545	86351529	54.838	56.123
17)	MA 4,4'-DDT	8.489	9.306	15729761	72541019	42.554	40.922m
18)	B Endrin al...	8.561	9.203	17021689	67610354	52.609	52.345
19)	B Endosulfa...	8.792	9.440	20926422	82438899	49.005	49.533
20)	A Methoxychlor	9.084	9.786	11005242	39297933	44.328	40.857m
21)	B Endrin ke...	9.311	9.929	24175485	81617615	49.484	47.152
22)	Mirex	9.497	10.406	22148041	65309329	47.487m	47.415

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074127.D
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 Acq On : 15 Apr 2022 21:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

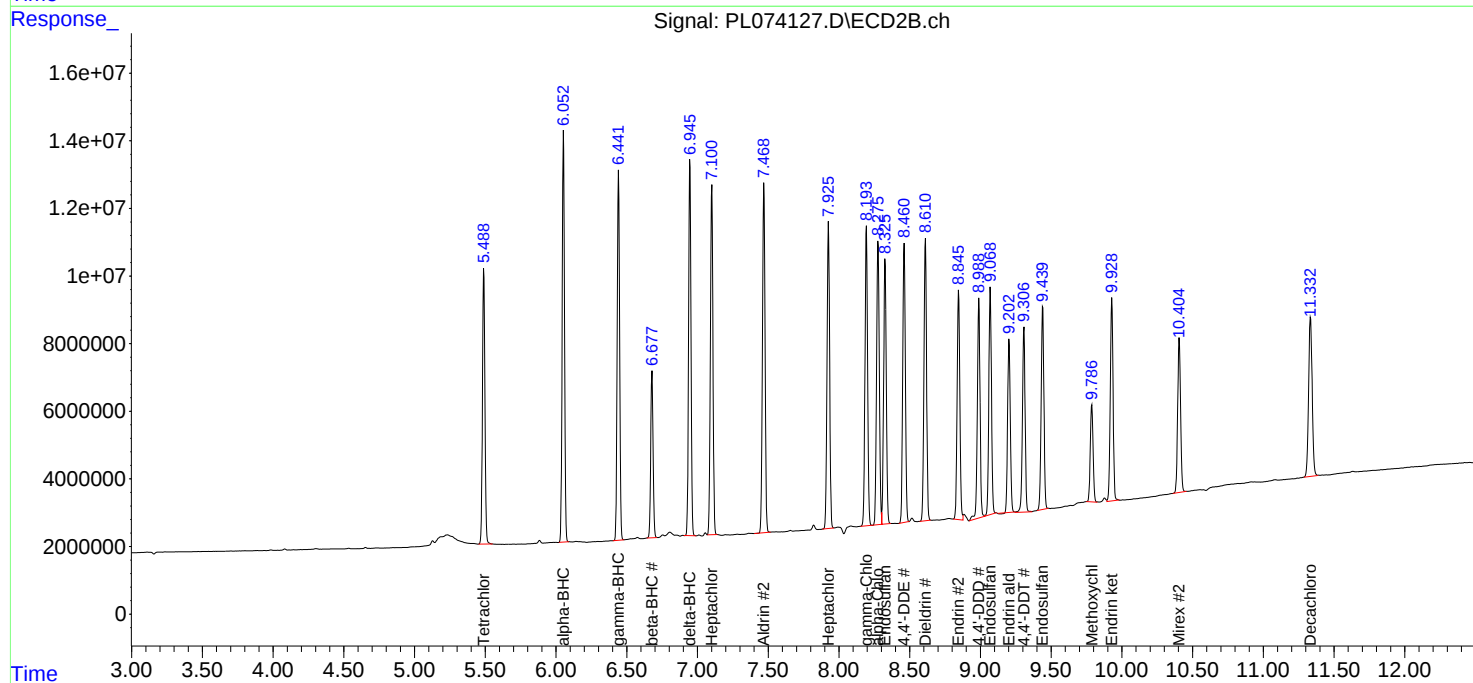
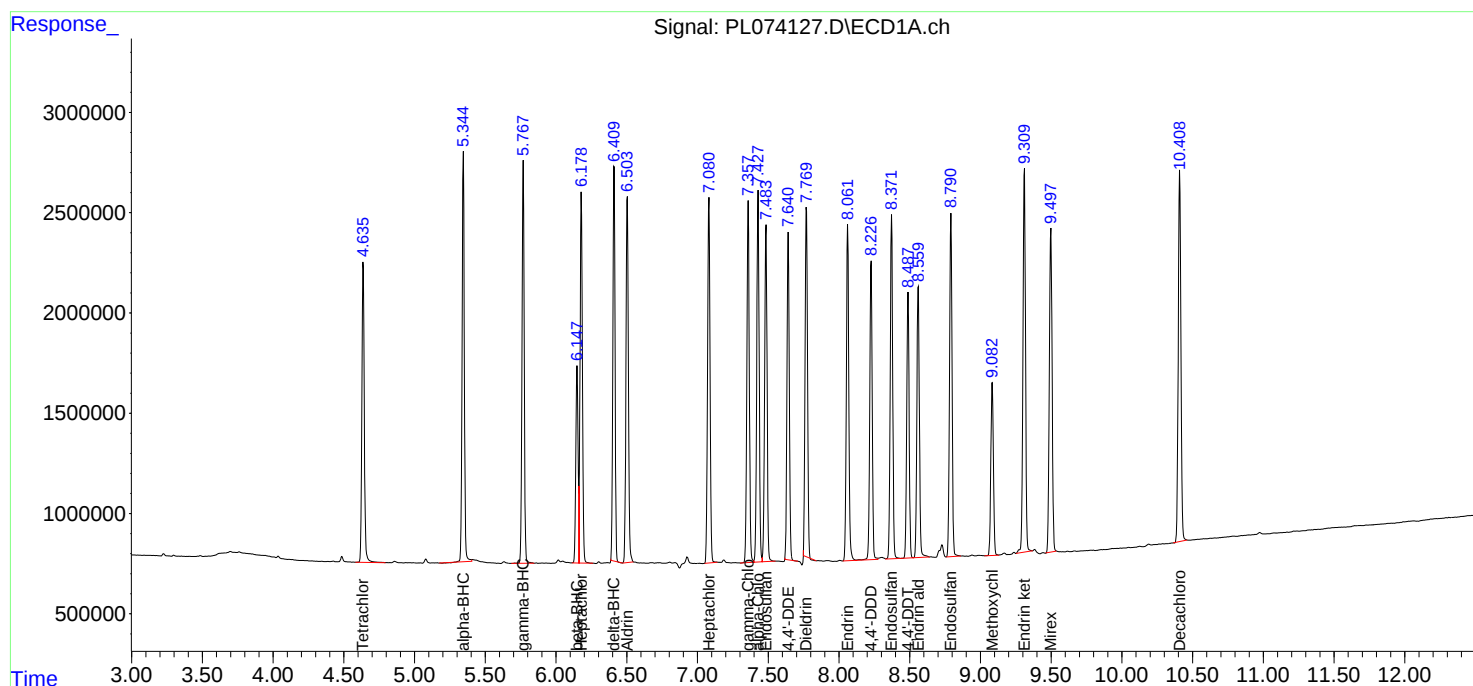
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

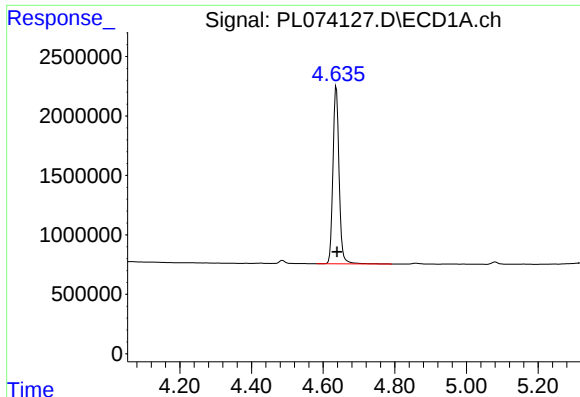
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
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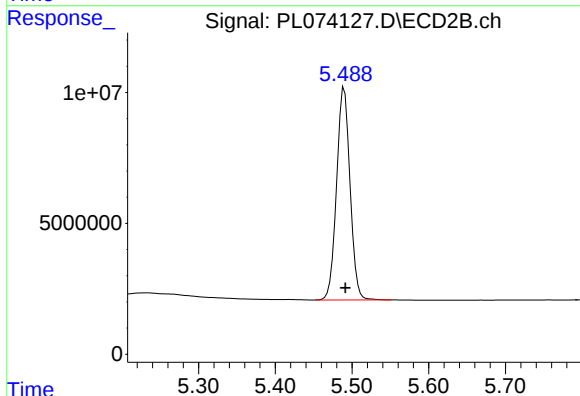
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 17765157
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

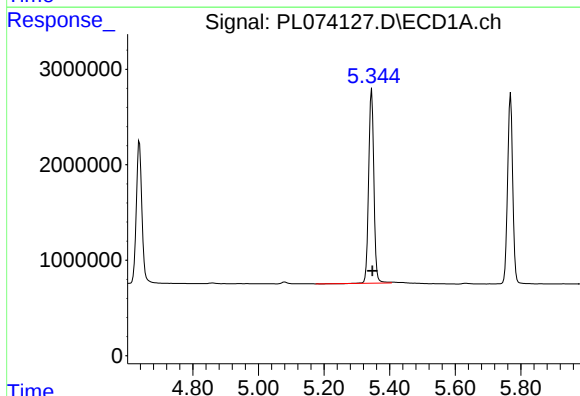
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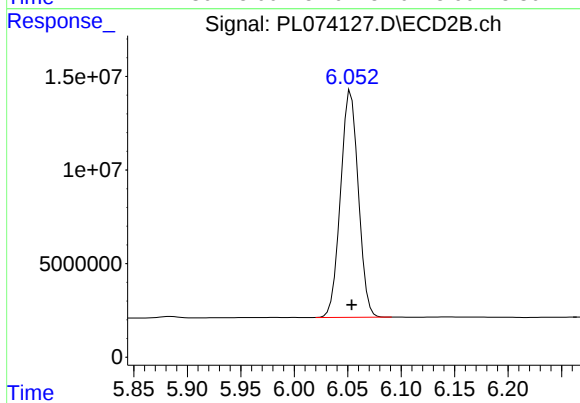
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 99046505
Conc: 55.55 ng/ml



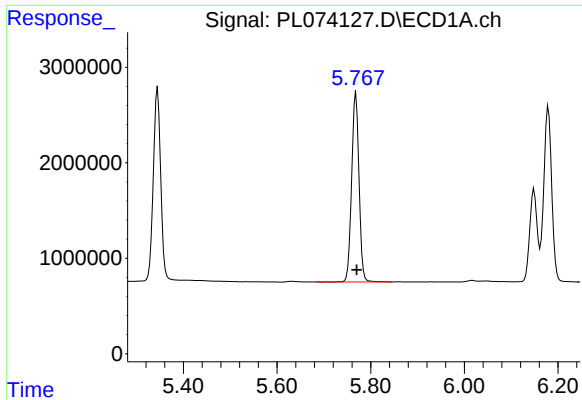
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 22409305
Conc: 53.40 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 140490398
Conc: 55.79 ng/ml



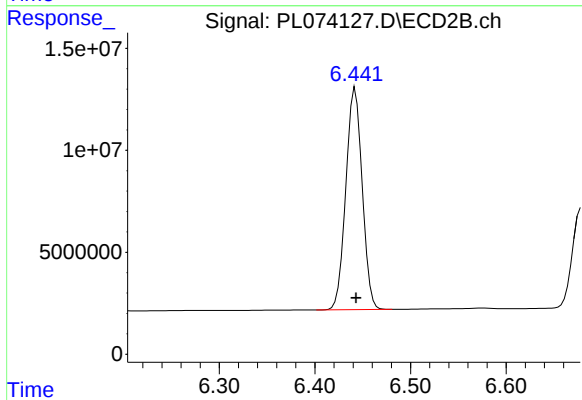
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 21687480
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

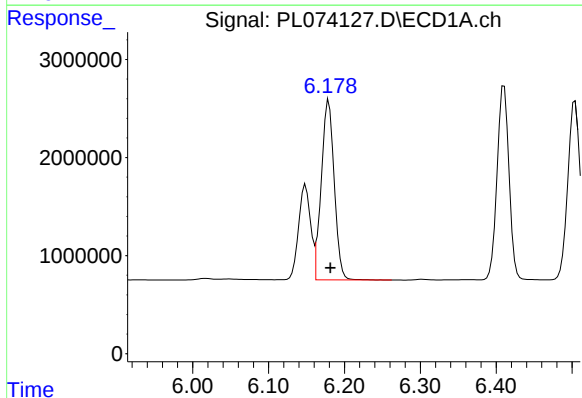
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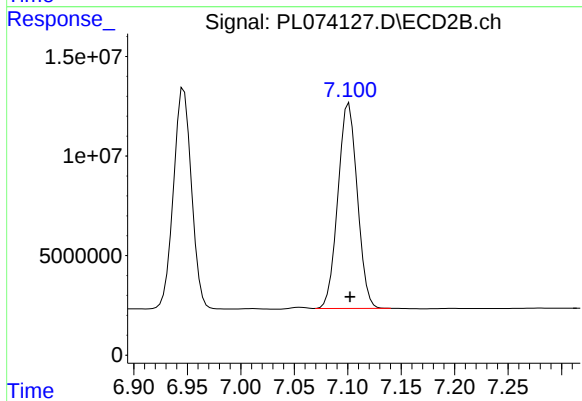
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 129898252
Conc: 54.88 ng/ml



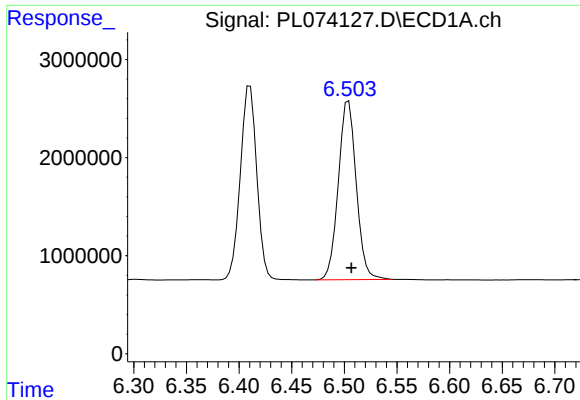
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 21751209
Conc: 48.29 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 130131562
Conc: 49.89 ng/ml



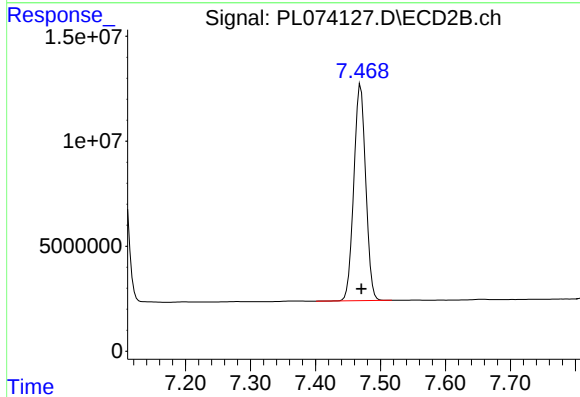
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 21660457
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

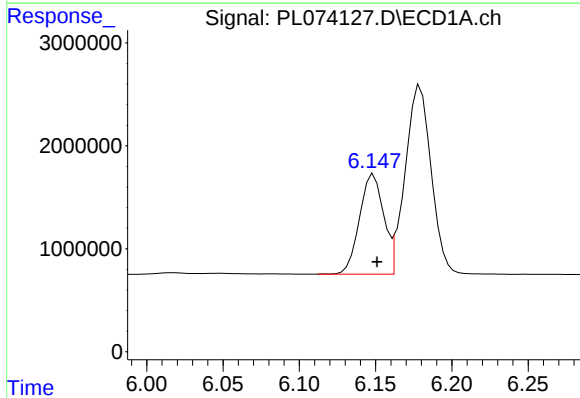
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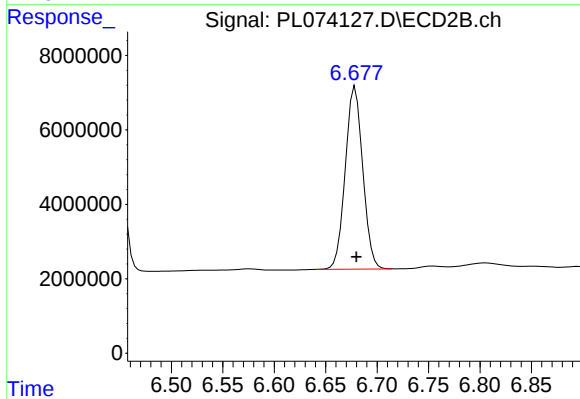
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 131087179
Conc: 55.82 ng/ml



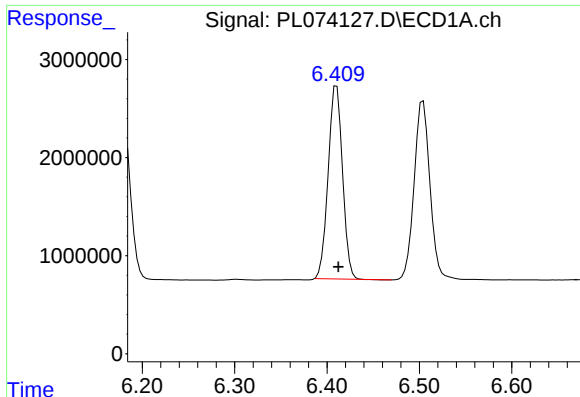
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 10664164
Conc: 52.19 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 58070609
Conc: 51.53 ng/ml



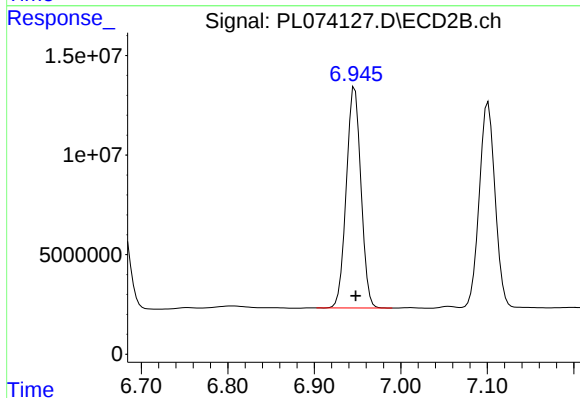
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 21247852
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

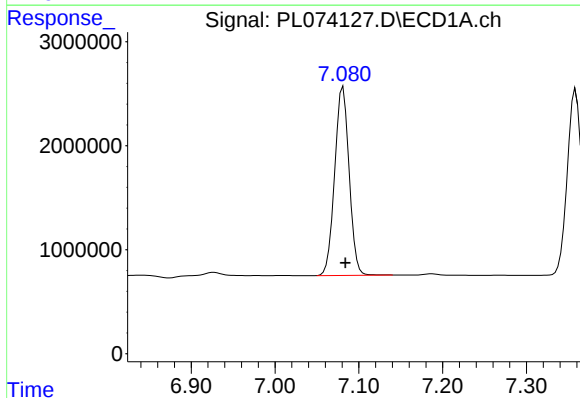
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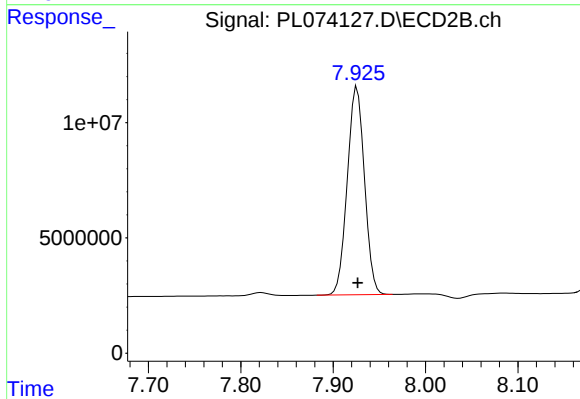
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 129919784
Conc: 53.20 ng/ml



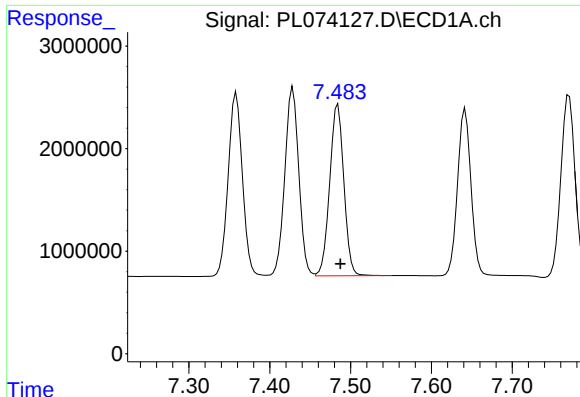
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 21676570
Conc: 50.54 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 116840680
Conc: 51.89 ng/ml



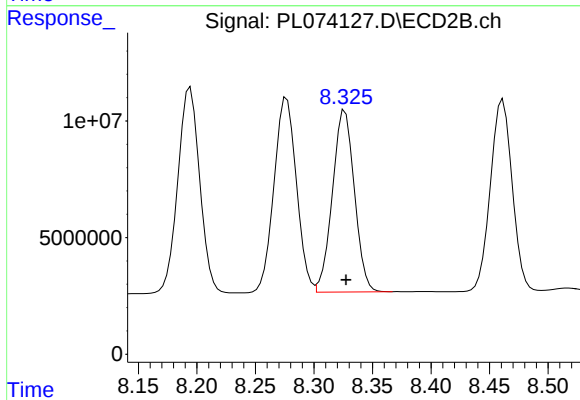
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 20351074
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

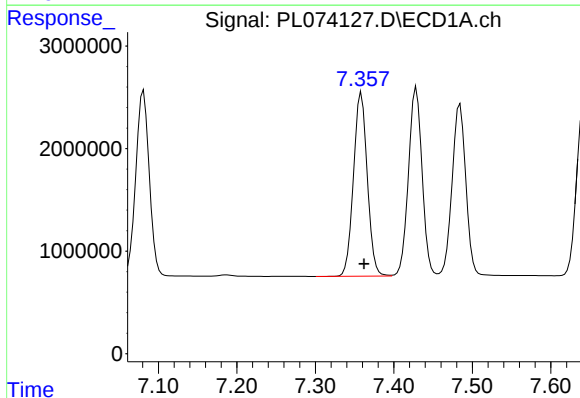
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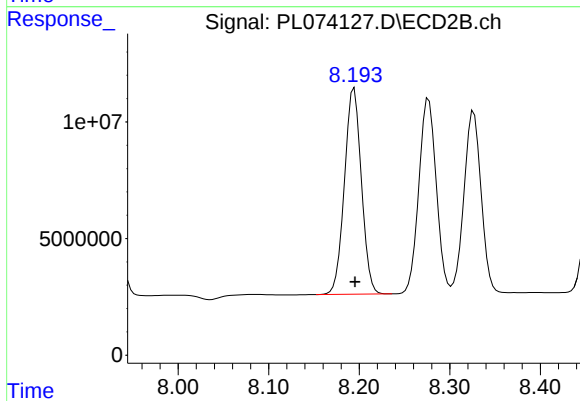
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 101967007
Conc: 51.80 ng/ml



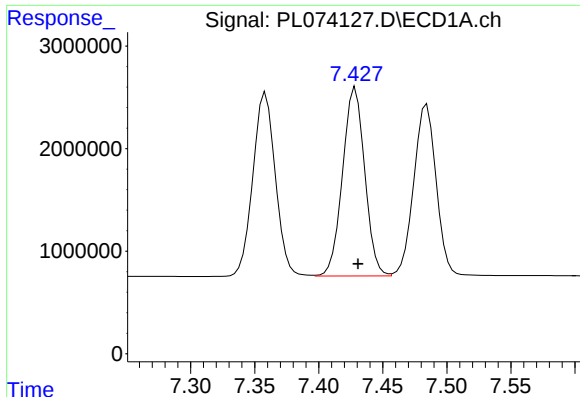
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 21900767
Conc: 49.93 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 114978098
Conc: 51.55 ng/ml



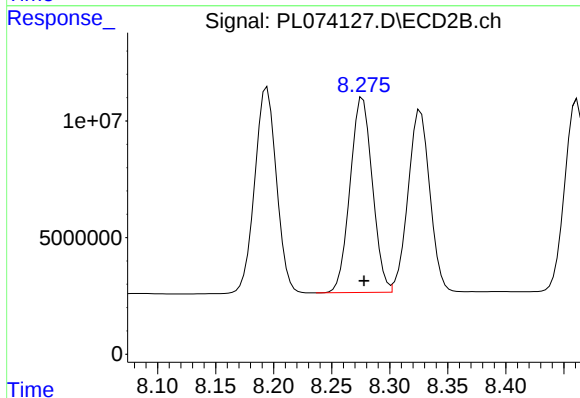
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 22132678
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

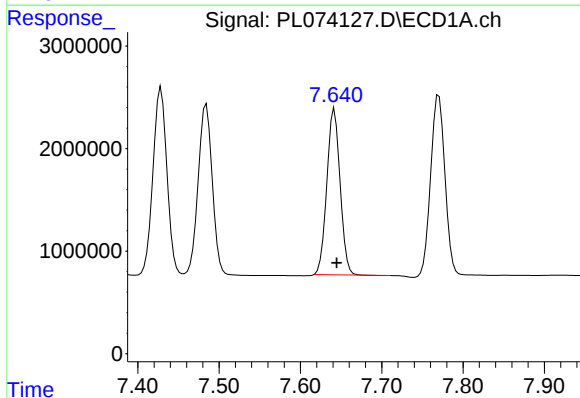
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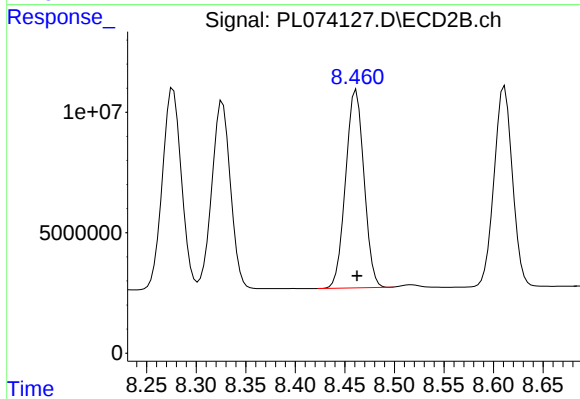
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 111891602
Conc: 51.98 ng/ml



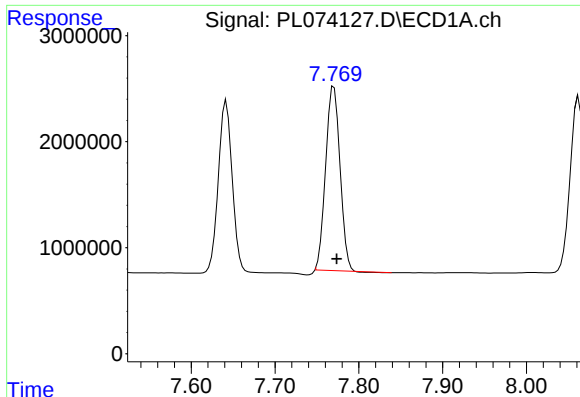
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 18450635
Conc: 50.57 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 106050795
Conc: 53.25 ng/ml



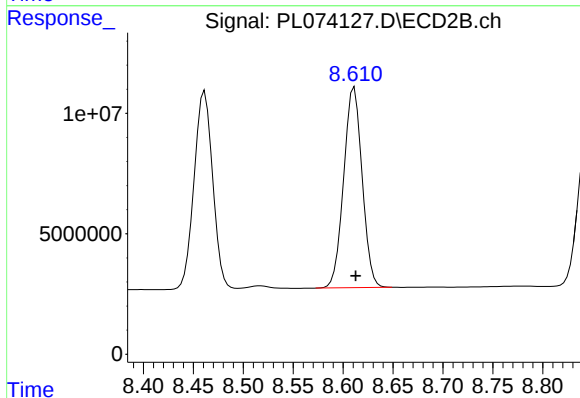
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.003 min
Response: 20595134
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

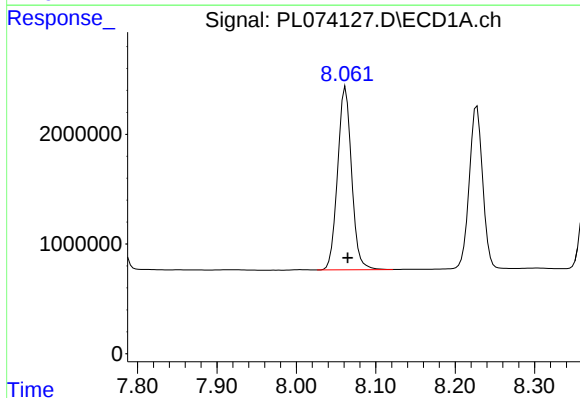
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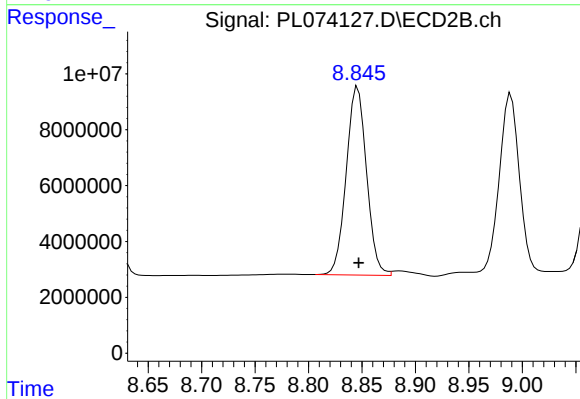
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 107082932
Conc: 53.40 ng/ml



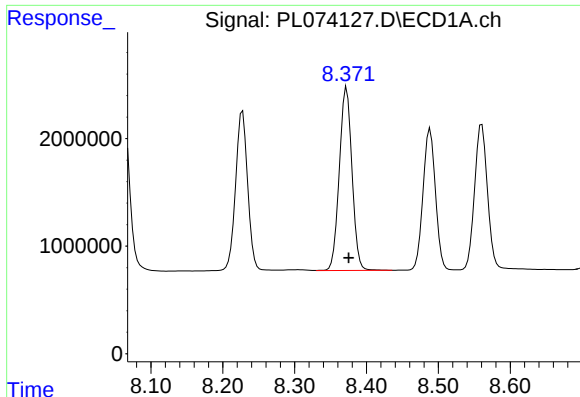
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 20452508
Conc: 50.35 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 89380551
Conc: 52.77 ng/ml



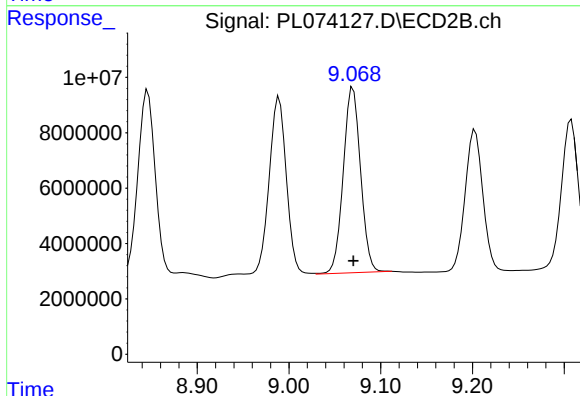
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.003 min
Response: 20816033
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

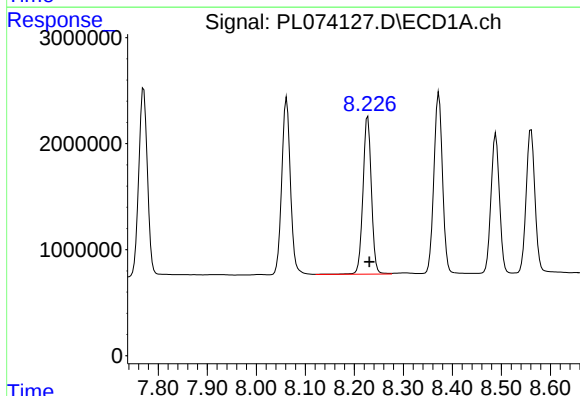
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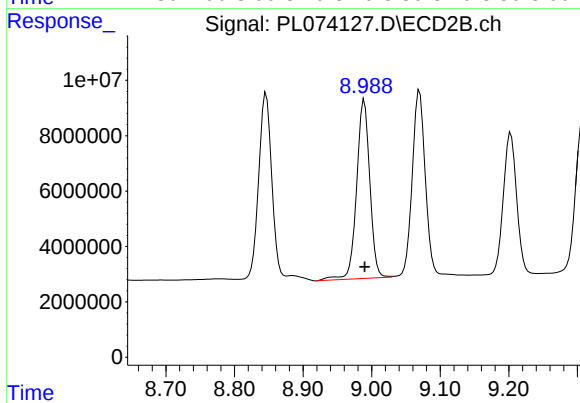
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 87669969
Conc: 50.47 ng/ml



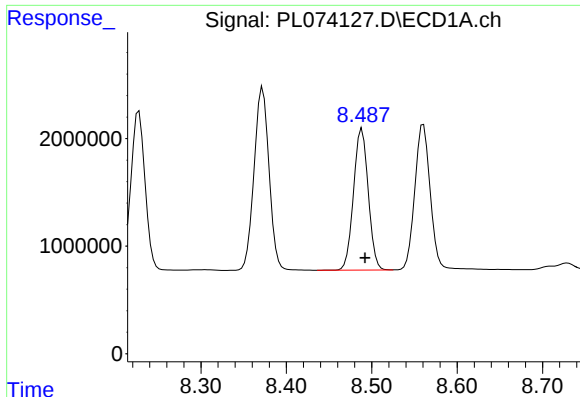
#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 17708545
Conc: 54.84 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 86351529
Conc: 56.12 ng/ml



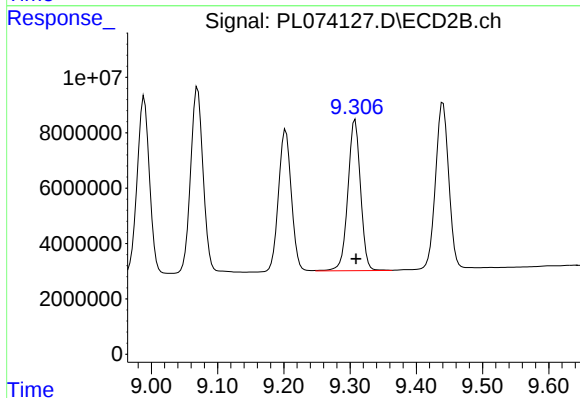
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 15729761
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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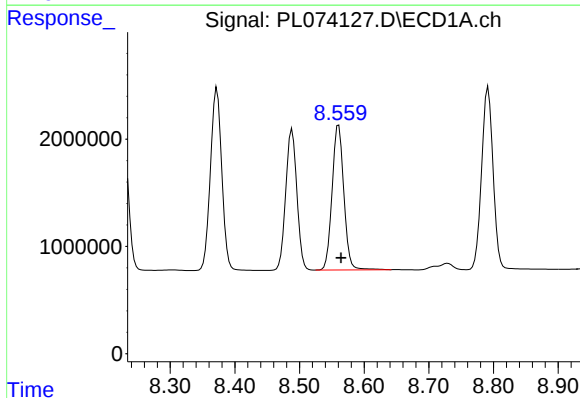
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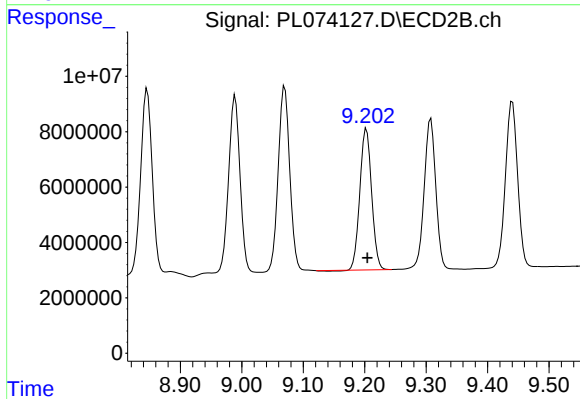
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 72541019
Conc: 40.92 ng/ml m



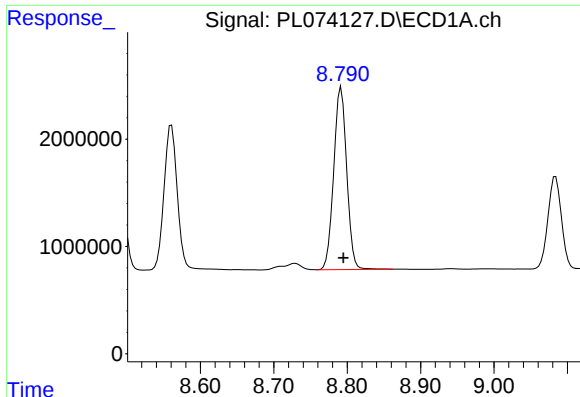
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 17021689
Conc: 52.61 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 67610354
Conc: 52.35 ng/ml



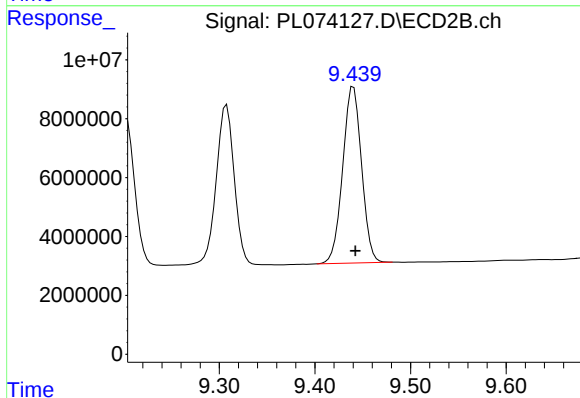
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 20926422
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

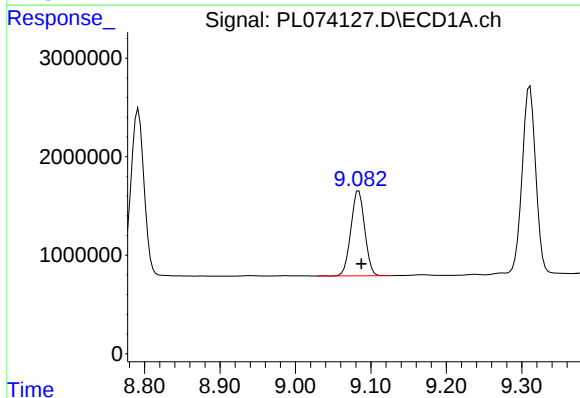
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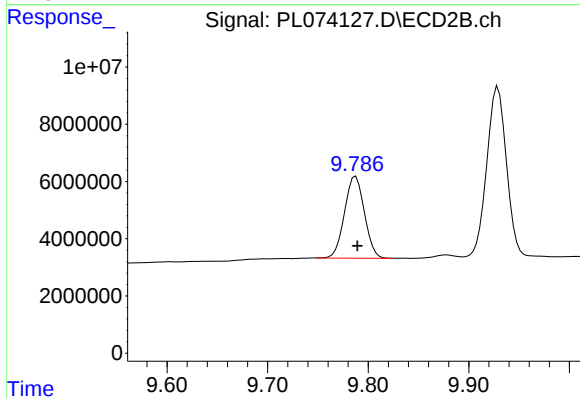
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 82438899
Conc: 49.53 ng/ml



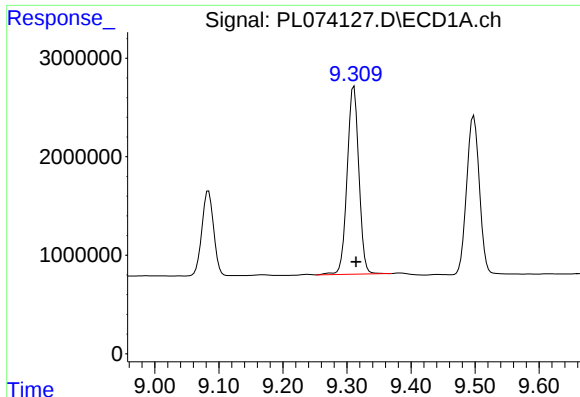
#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: -0.003 min
Response: 11005242
Conc: 44.33 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 39297933
Conc: 40.86 ng/ml m



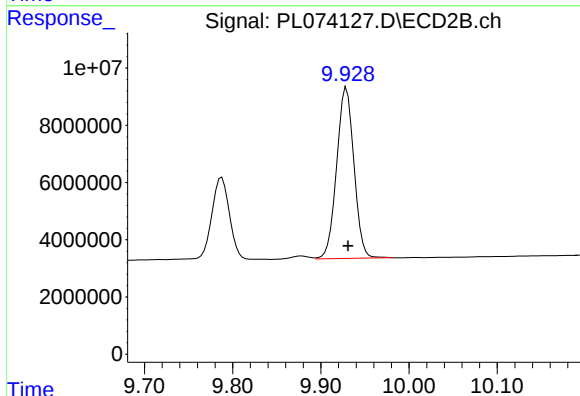
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 24175485
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

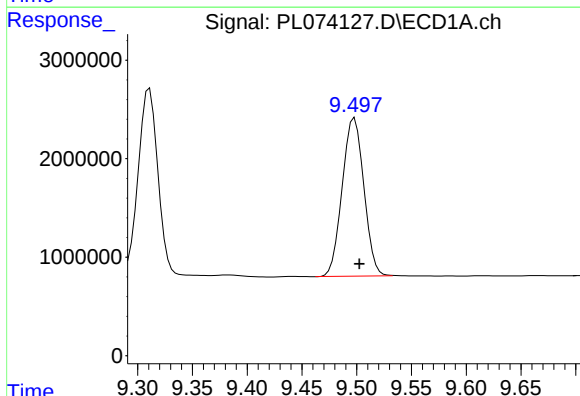
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



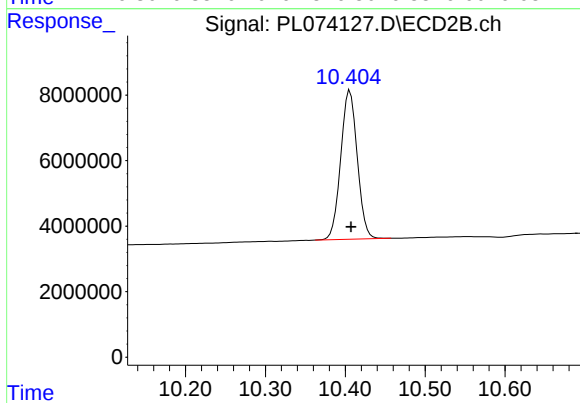
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 81617615
Conc: 47.15 ng/ml



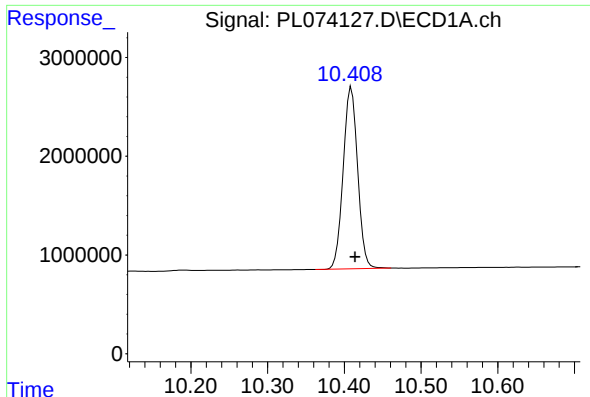
#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 22148041
Conc: 47.49 ng/ml m



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 65309329
Conc: 47.41 ng/ml



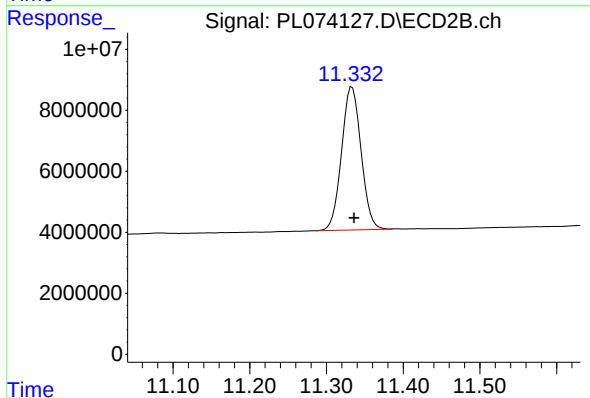
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 24142834
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 83382285
Conc: 47.21 ng/ml