

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2022 07:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 02:59:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.643	5.492	15307318	85272782	47.793	51.956
28) SA Decachlor...	10.418	11.333	22421750	80785062	44.094	45.177
Target Compounds						
2) A alpha-BHC	5.351	6.055	19824364	121.2E6	48.094	53.853
3) MA gamma-BHC...	5.775	6.445	19825996	111.8E6	47.529	52.354
4) MA Heptachlor	6.186	7.103	21182415	120.9E6	46.947	51.603
5) MB Aldrin	6.512	7.471	19434071	109.4E6	47.037	52.228
6) B beta-BHC	6.155	6.680	10088386	51589948	48.998	49.493
7) B delta-BHC	6.417	6.948	19437478	110.0E6	48.394	51.073
8) B Heptachlo...	7.089	7.927	19909855	104.1E6	46.197	52.116
9) A Endosulfan I	7.492	8.328	18925793	92697220	46.136	50.782
10) B gamma-Chl...	7.366	8.194	20146427	102.2E6	46.070	50.031m
11) B alpha-Chl...	7.436	8.277	20322850	99472600	45.986	49.736m
12) B 4,4'-DDE	7.651	8.462	16524814	89934325	46.051	50.176
13) MA Dieldrin	7.778	8.612	19503893	91012374	46.814m	49.336
14) MA Endrin	8.070	8.847	18162781	73398832	46.811	47.680
15) B Endosulfa...	8.380	9.071	17834227	74329132	45.626	48.397
16) A 4,4'-DDD	8.236	8.988	14973497	70363147	46.109	48.203m
17) MA 4,4'-DDT	8.497	9.308	16638664	74729820	43.996	45.719
18) B Endrin al...	8.569	9.202	14507716	58861301	45.874	47.999m
19) B Endosulfa...	8.800	9.441	19143838	74177825	45.319	47.065
20) A Methoxychlor	9.093	9.787	10984306	39504386	42.818	43.841
21) B Endrin ke...	9.319	9.929	22736578	78187021	46.475	47.369
22) Mirex	9.507	10.405	20461393	62803482	43.391	46.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2022 07:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

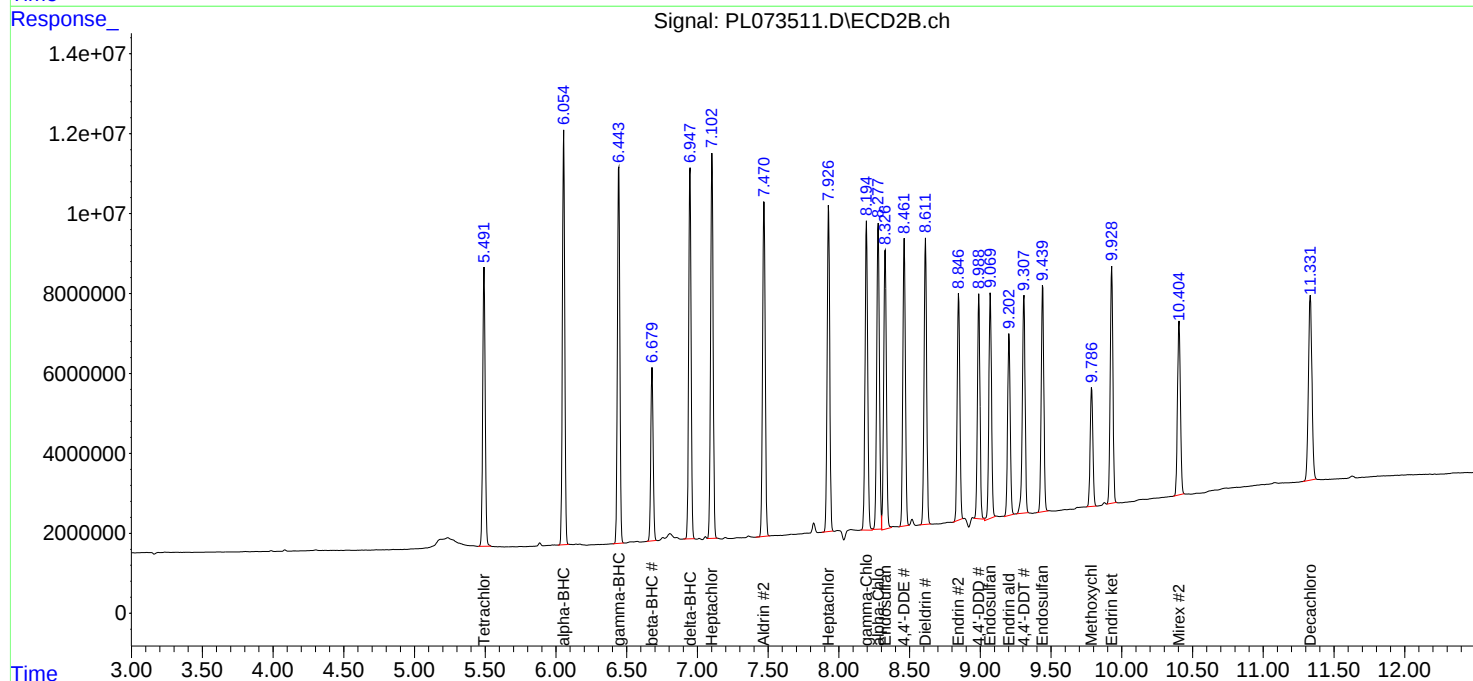
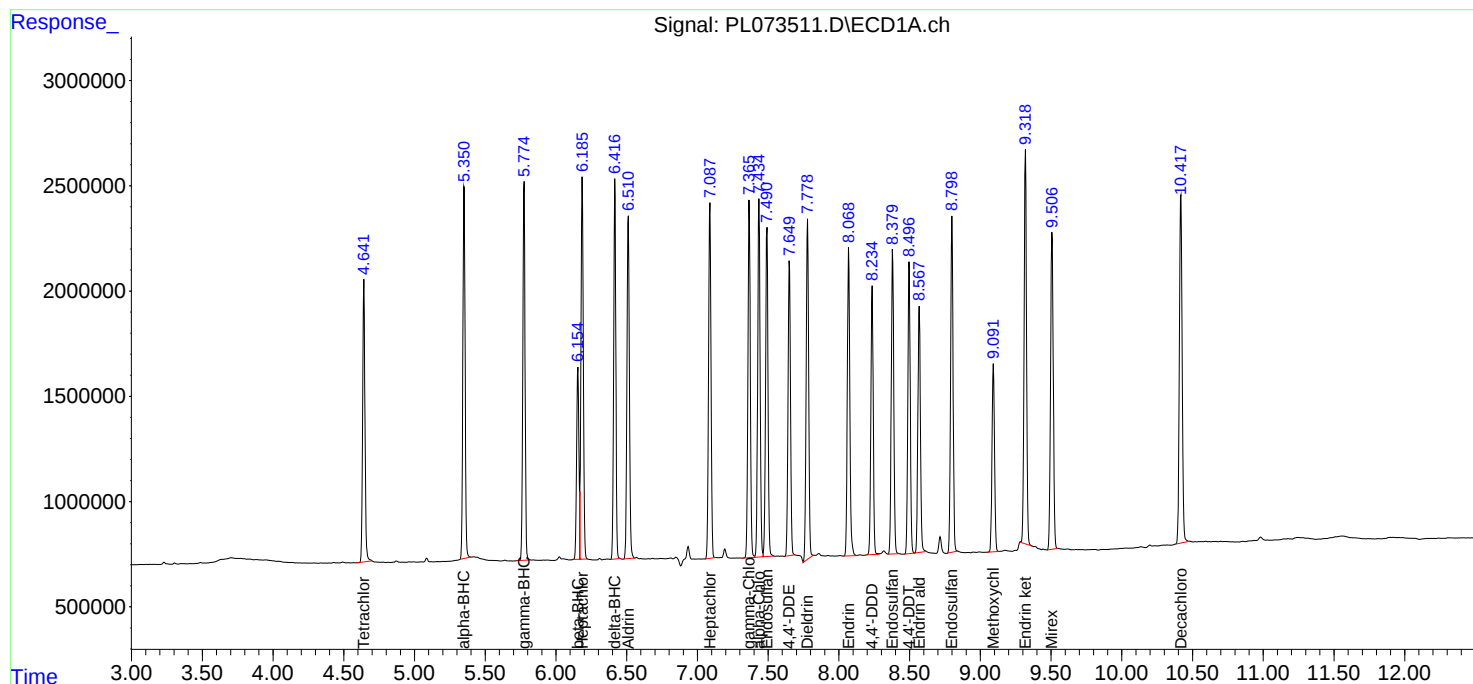
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

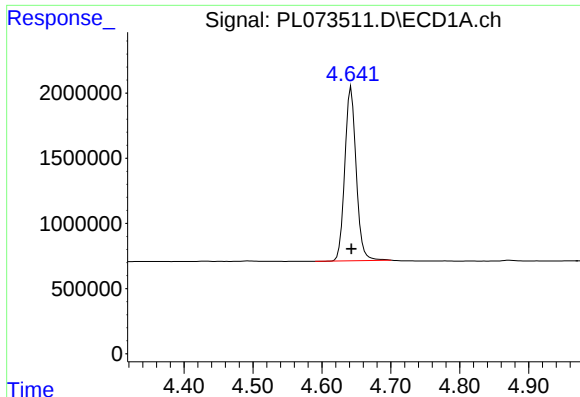
Manual Integrations
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Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 02:59:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 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





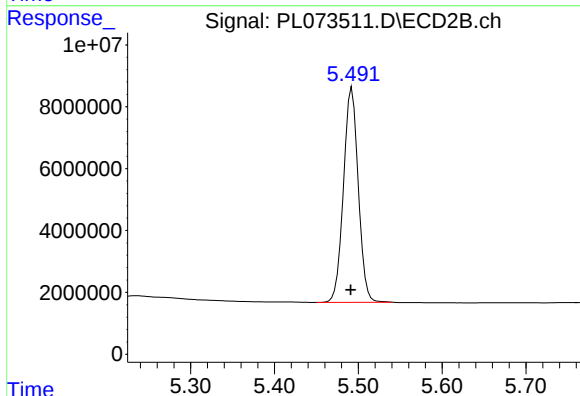
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 15307318
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

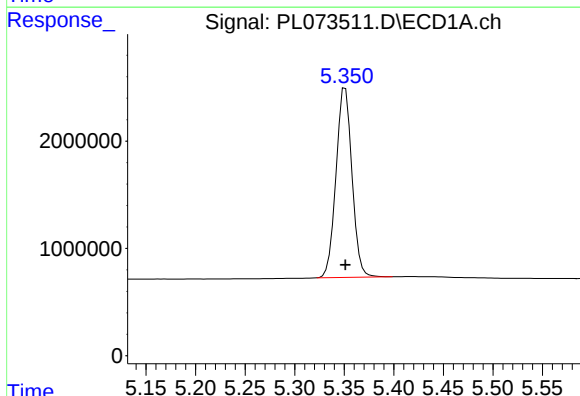
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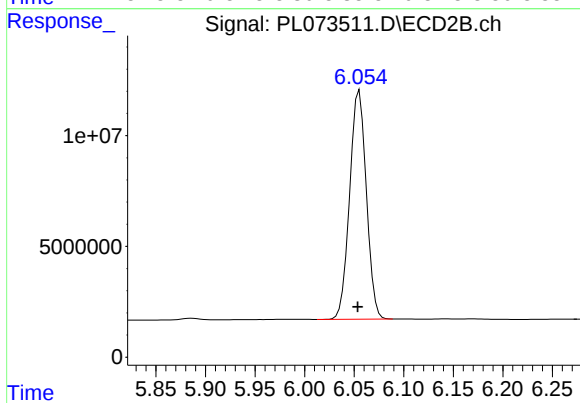
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 85272782
Conc: 51.96 ng/ml



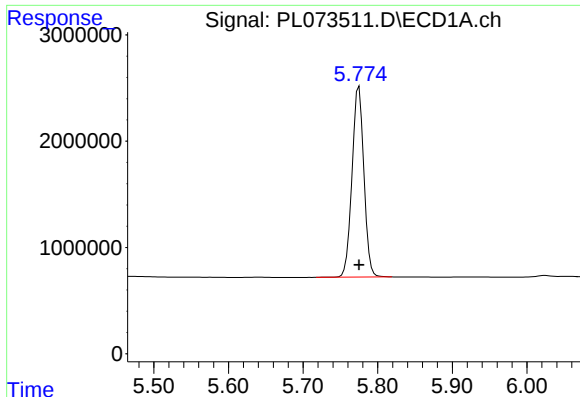
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 19824364
Conc: 48.09 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 121150644
Conc: 53.85 ng/ml



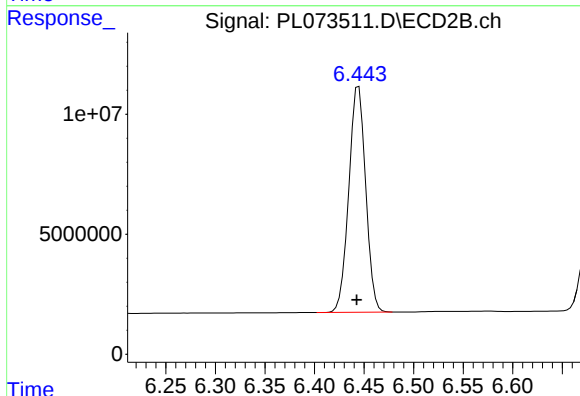
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 19825996
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

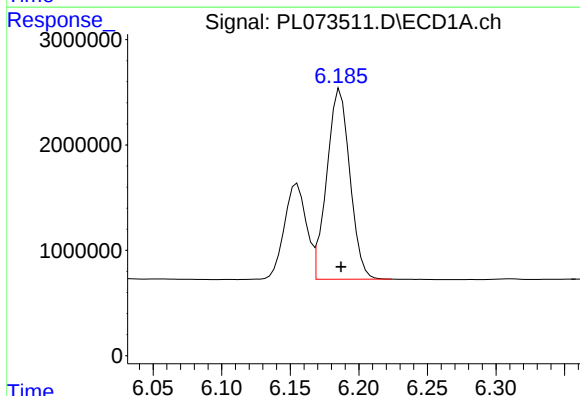
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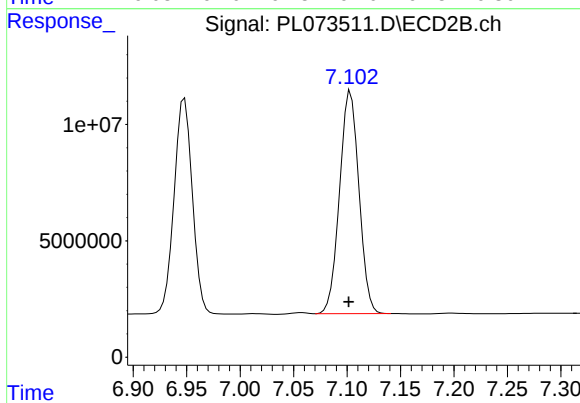
#3 gamma-BHC (Lindane)

R.T.: 6.445 min
Delta R.T.: 0.002 min
Response: 111780864
Conc: 52.35 ng/ml



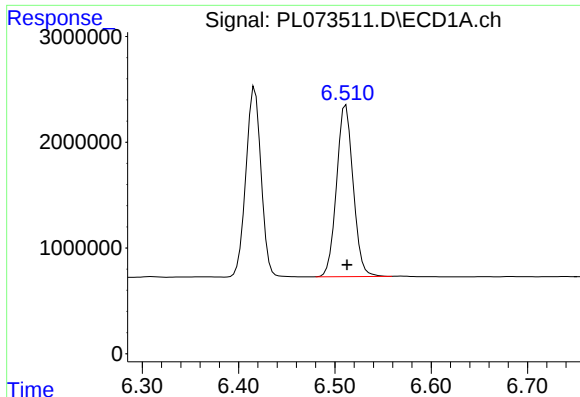
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 21182415
Conc: 46.95 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 120910388
Conc: 51.60 ng/ml



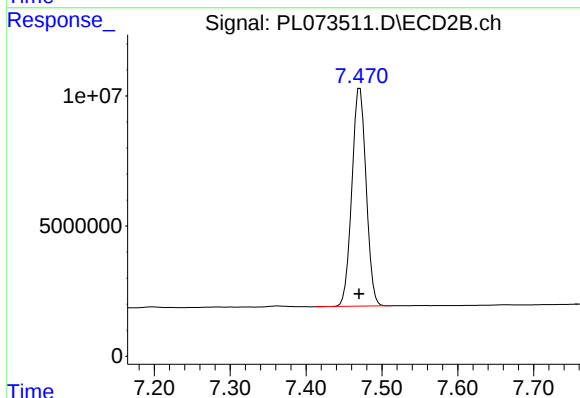
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 19434071
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

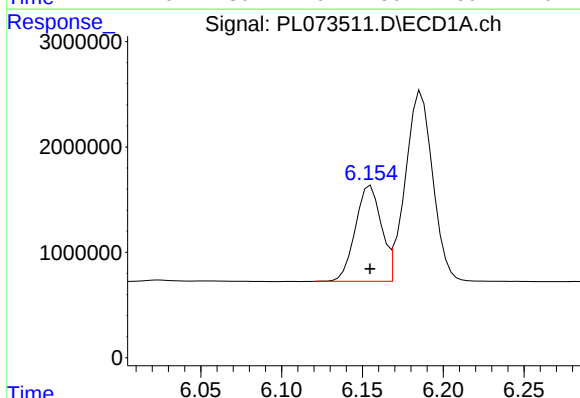
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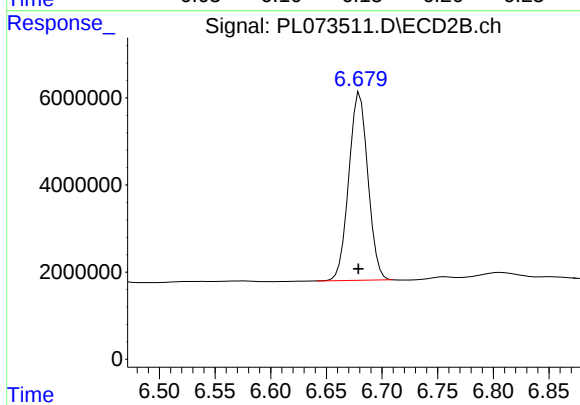
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 109416377
Conc: 52.23 ng/ml



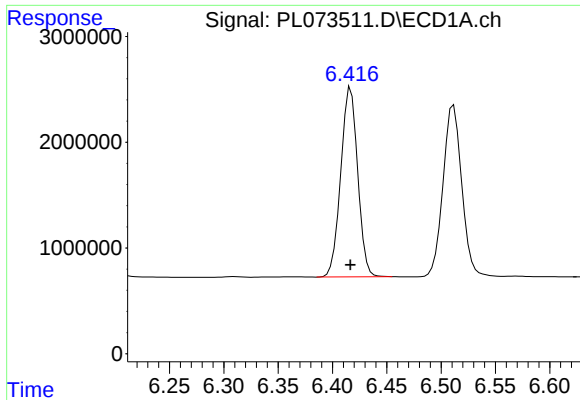
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 10088386
Conc: 49.00 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 51589948
Conc: 49.49 ng/ml



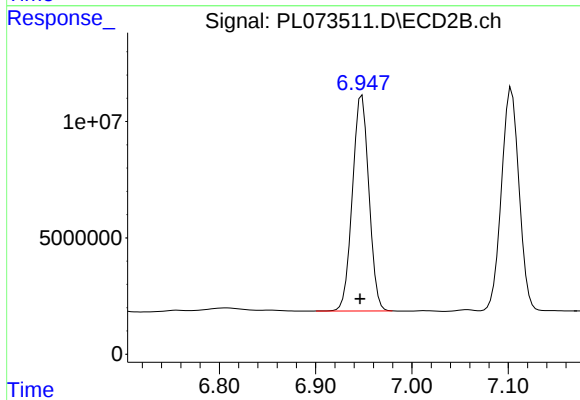
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 19437478
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

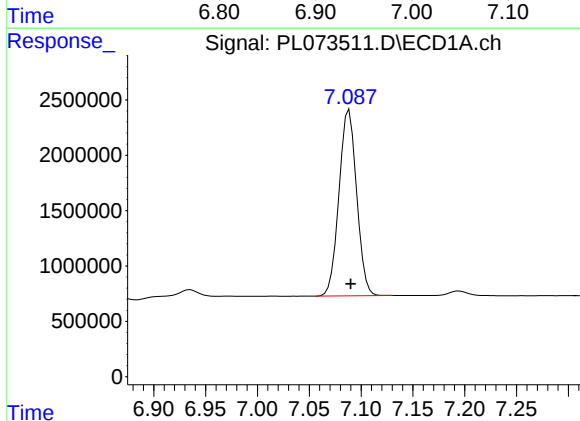
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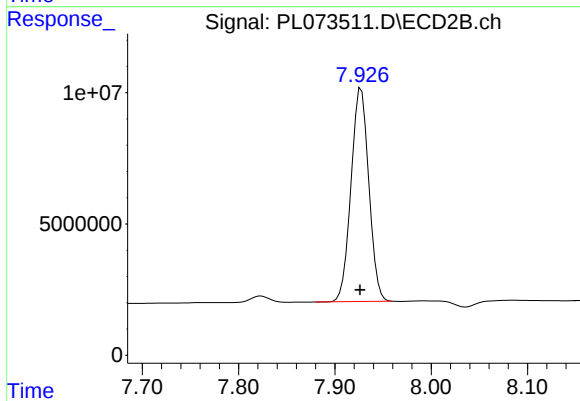
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 109988240
Conc: 51.07 ng/ml



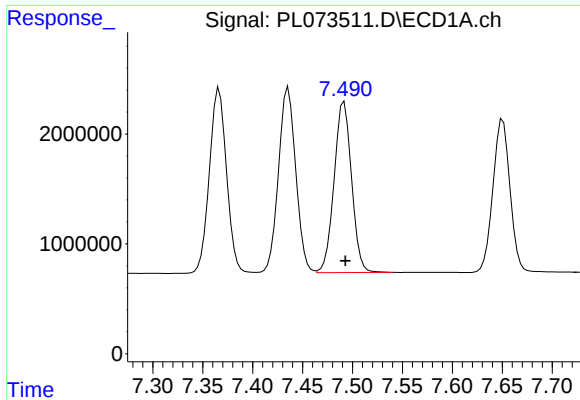
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 19909855
Conc: 46.20 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 104091461
Conc: 52.12 ng/ml



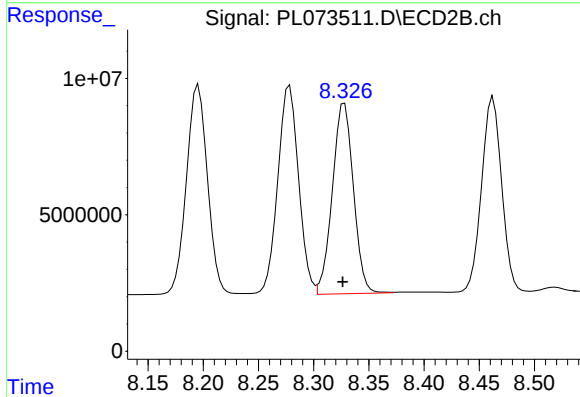
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 18925793
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

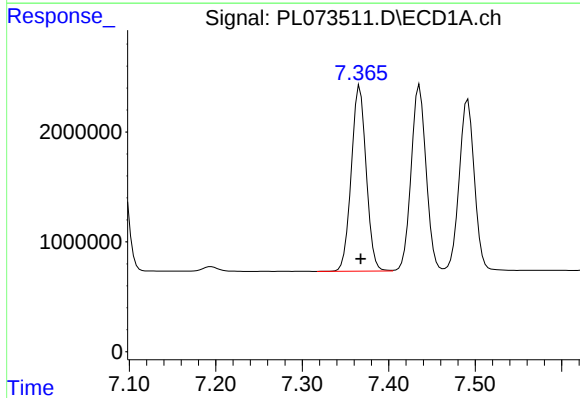
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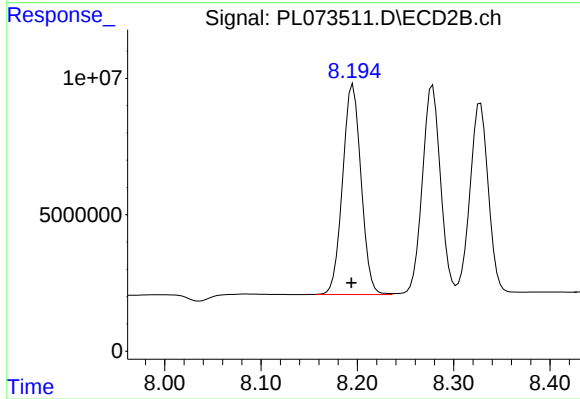
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 92697220
Conc: 50.78 ng/ml



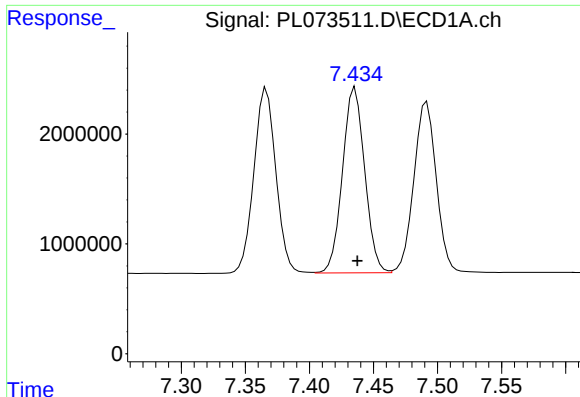
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 20146427
Conc: 46.07 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 102183958
Conc: 50.03 ng/ml m



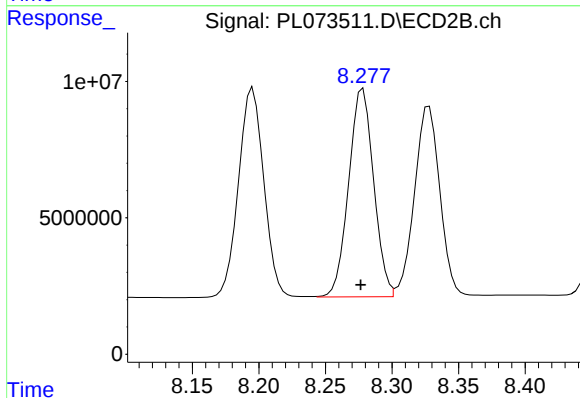
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 20322850
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

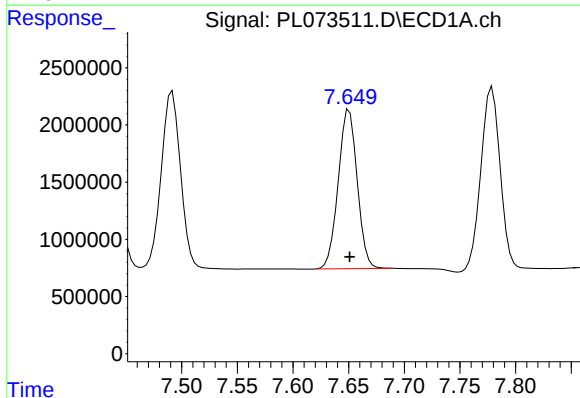
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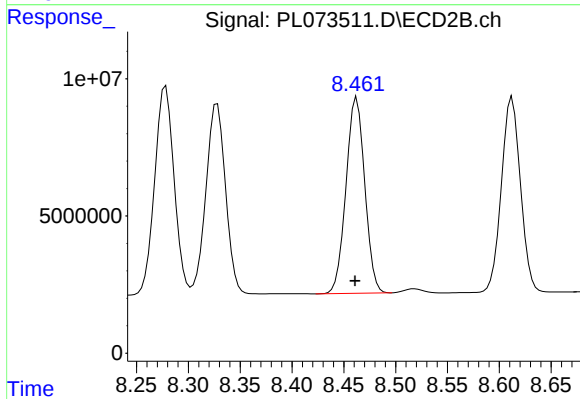
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 99472600
Conc: 49.74 ng/ml m



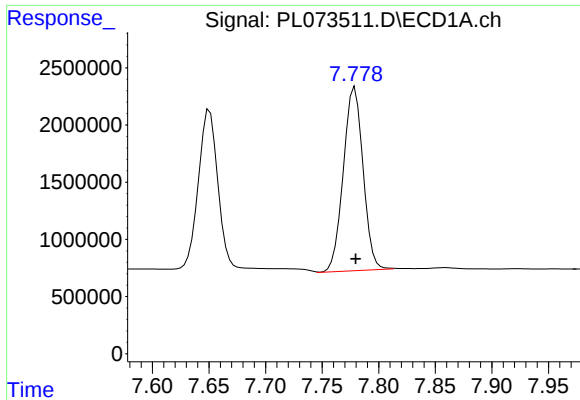
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 16524814
Conc: 46.05 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 89934325
Conc: 50.18 ng/ml



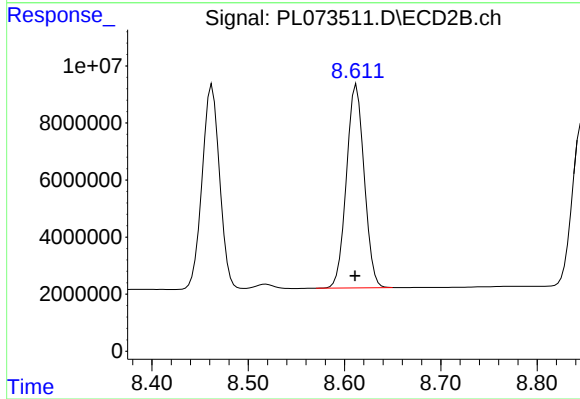
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 19503893
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

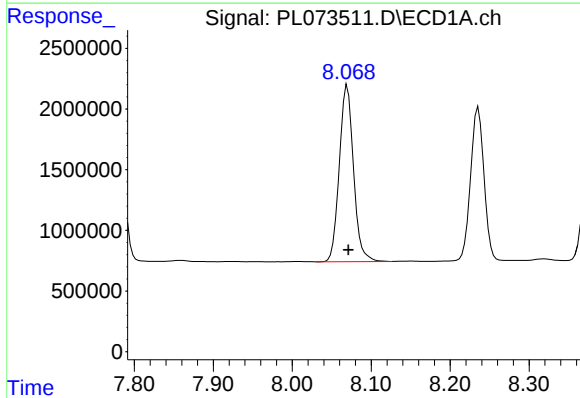
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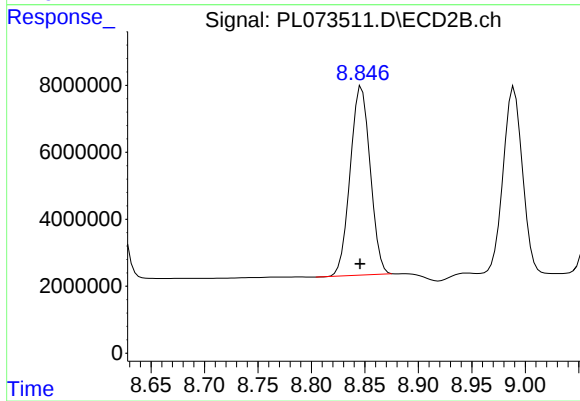
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 91012374
Conc: 49.34 ng/ml



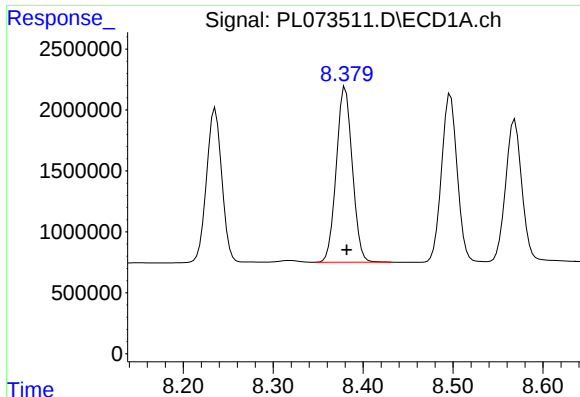
#14 Endrin

R.T.: 8.070 min
Delta R.T.: -0.001 min
Response: 18162781
Conc: 46.81 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 73398832
Conc: 47.68 ng/ml



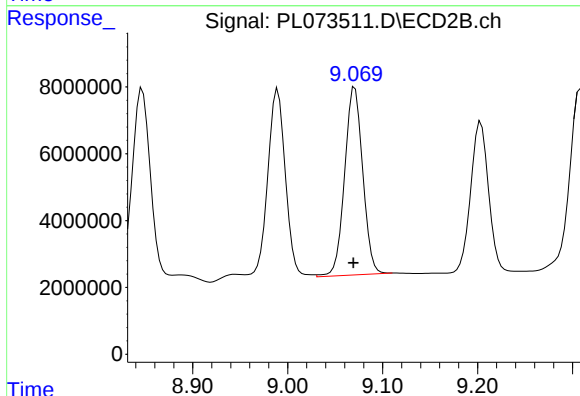
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.001 min
Response: 17834227
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

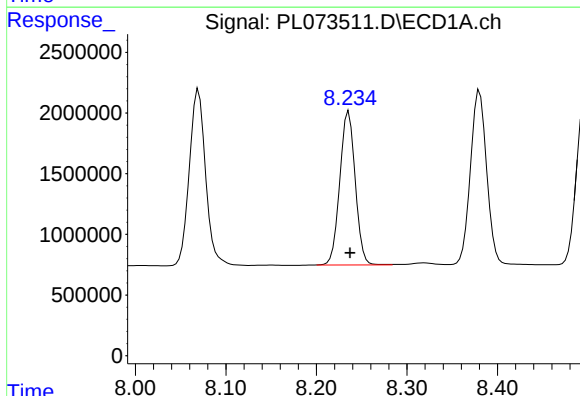
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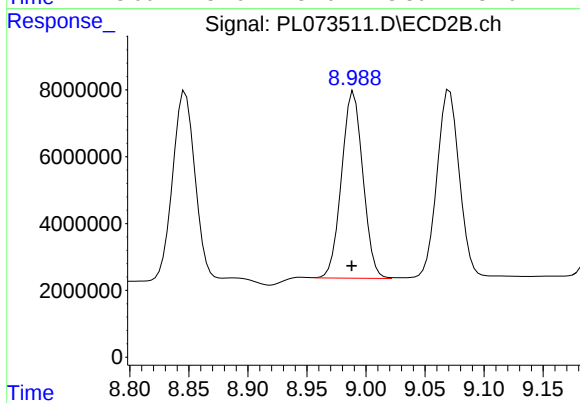
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 74329132
Conc: 48.40 ng/ml



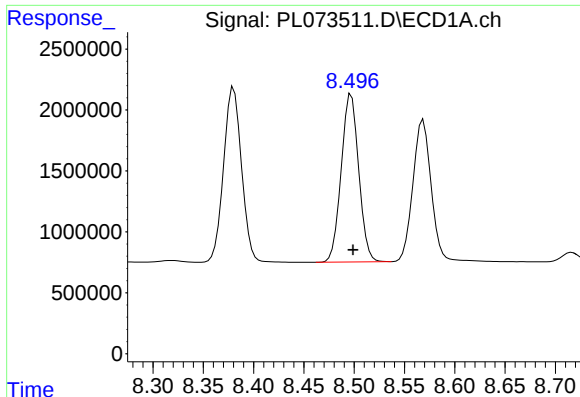
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: -0.001 min
Response: 14973497
Conc: 46.11 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 70363147
Conc: 48.20 ng/ml m



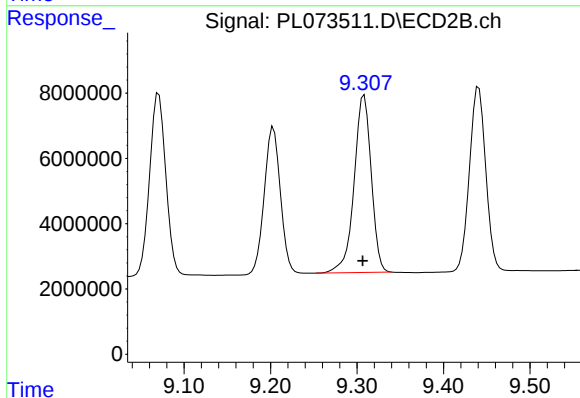
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 16638664
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

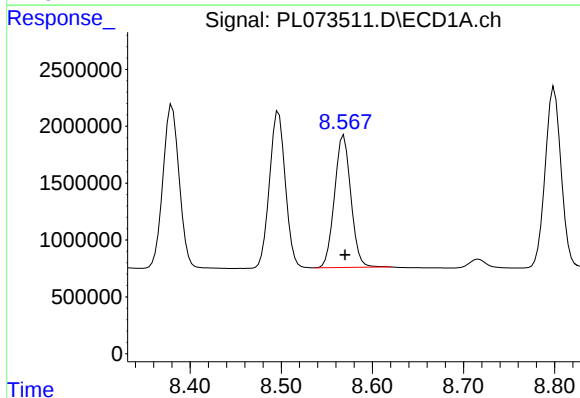
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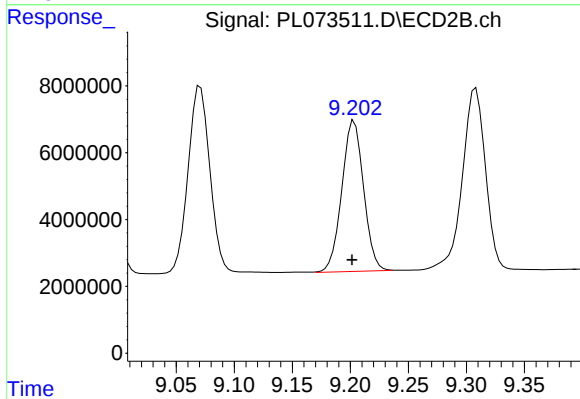
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 74729820
Conc: 45.72 ng/ml



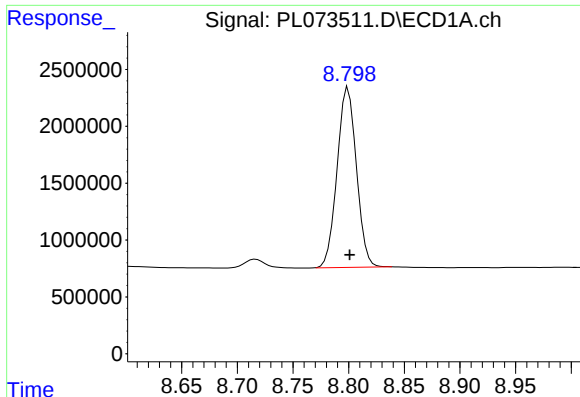
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: -0.001 min
Response: 14507716
Conc: 45.87 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 58861301
Conc: 48.00 ng/ml m



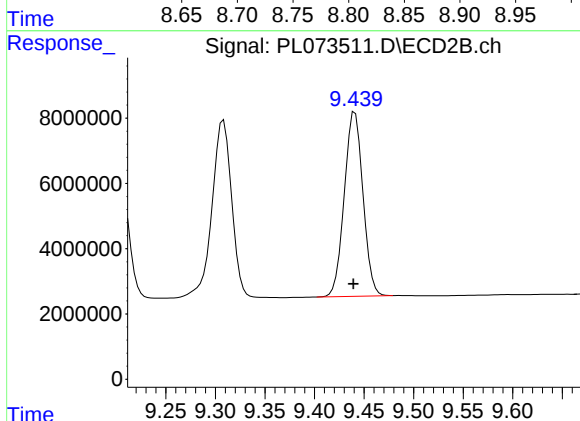
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 19143838
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

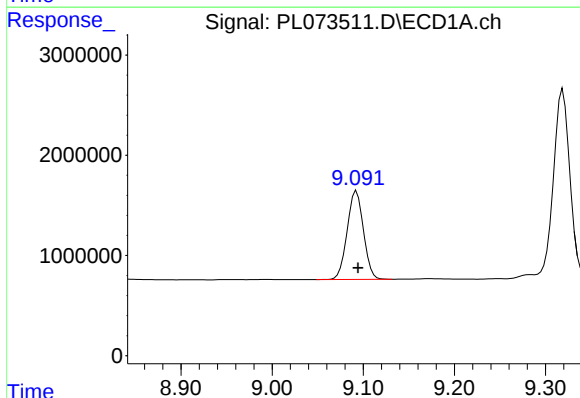
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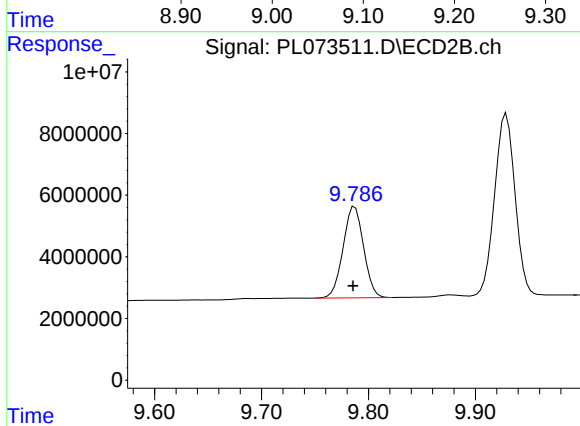
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 74177825
Conc: 47.07 ng/ml



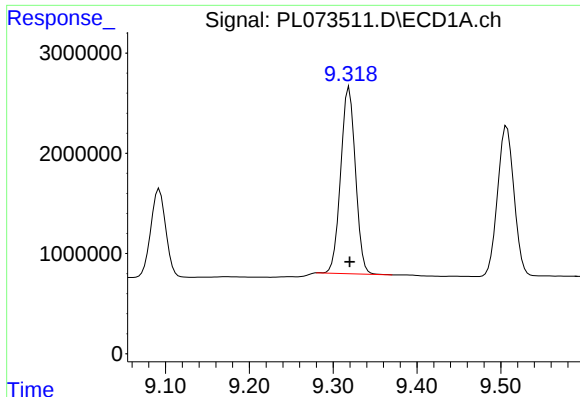
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 10984306
Conc: 42.82 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 39504386
Conc: 43.84 ng/ml



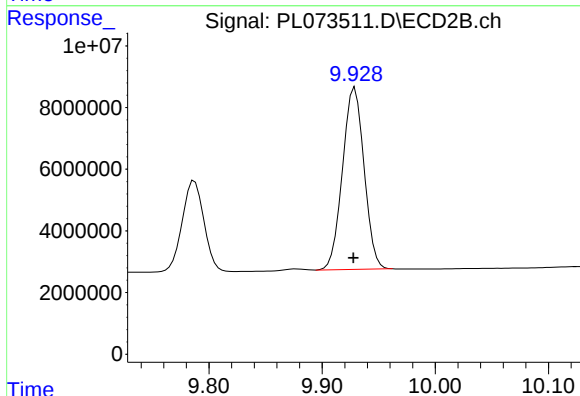
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 22736578
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

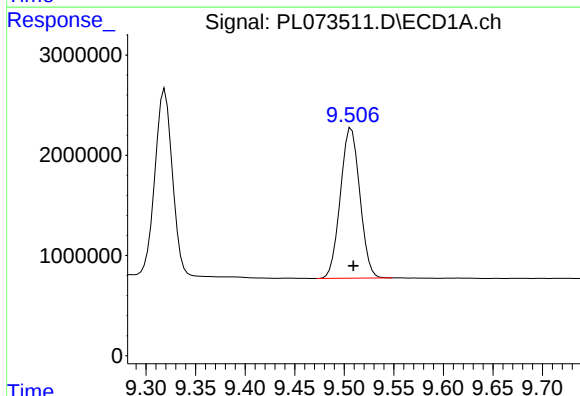
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Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



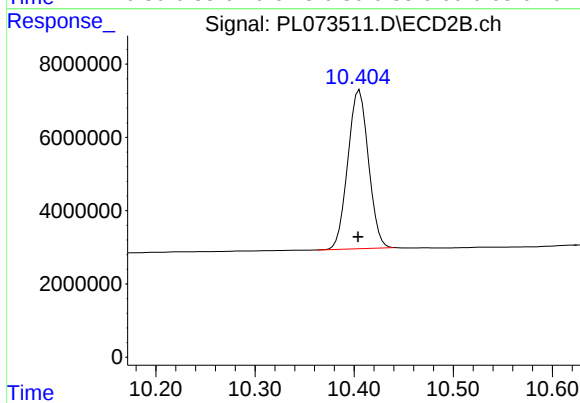
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 78187021
Conc: 47.37 ng/ml



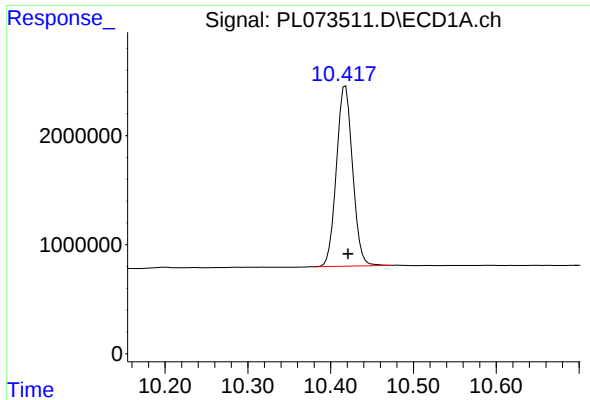
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 20461393
Conc: 43.39 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 62803482
Conc: 46.23 ng/ml



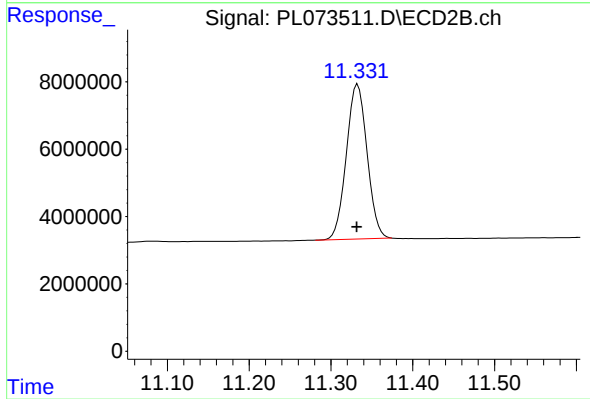
#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 22421750
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 80785062
Conc: 45.18 ng/ml