

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 15:01
 Operator : AR\AJ
 Sample : N2360-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JC-03-041122-BMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:12:46 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...	4.639	5.491	4511116	25074481	13.962	14.063
28) SA Decachlor...	10.412	11.334	6746543	23113857	12.973	13.086
Target Compounds						
2) A alpha-BHC	5.347	6.054	18676038	113.2E6	44.503	44.940
3) MA gamma-BHC...	5.770	6.443	17775971	100.6E6	42.384	42.482
4) MA Heptachlor	6.182	7.102	20567805	119.1E6	45.660	45.663
5) MB Aldrin	6.505	7.470	19342401	124.5E6	46.603m	53.026
6) B beta-BHC	6.150	6.680	6728673	47987713	32.931	42.579 #
7) B delta-BHC	6.413	6.948	15691525	94113196	37.932	38.535
8) B Heptachlo...	7.084	7.927	17411361	105.3E6	40.592	46.790
9) A Endosulfan I	7.487	8.328	17528498	83206709	42.740	42.266
10) B gamma-Chl...	7.361	8.194	33259126	175.8E6	75.832	78.830m
11) B alpha-Chl...	7.431	8.280	35746575	198.7E6	80.916	92.286
12) B 4,4'-DDE	7.645	8.463	17124198	80008016	46.939	40.171
13) MA Dieldrin	7.773	8.612	18785052	61860412	43.730	30.849m#
14) MA Endrin	8.065	8.846	18498349	61294478	45.536	36.190
15) B Endosulfa...	8.377	9.070	20350609	61825159	49.375	35.588m#
16) A 4,4'-DDD	8.230	8.989	11976778	54509772	37.088	35.428m
17) MA 4,4'-DDT	8.491	9.309	17765339	77411752	48.061	43.670
18) B Endrin al...	8.564	9.205	5145053	24713151	15.902	19.133
19) B Endosulfa...	8.793	9.442	5395575	24265782	12.635m	14.580
20) A Methoxychlor	9.087	9.788	7972444	40467180	32.112	42.072 #
21) B Endrin ke...	9.312	9.930	7787076	28945473	15.939m	16.722
22) Mirex	9.500	10.407	18686347	57638703	40.065m	41.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
Data File : PL074059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2022 15:01
Operator : AR\AJ
Sample : N2360-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

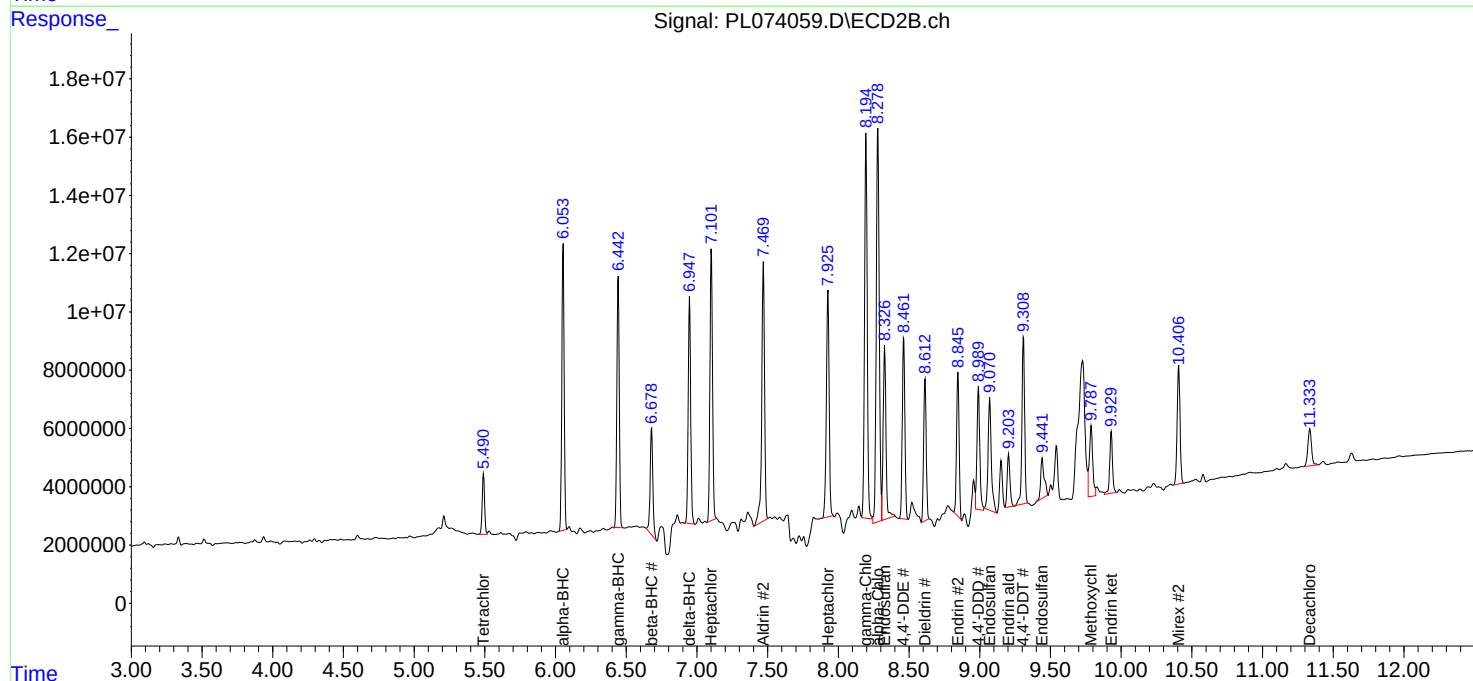
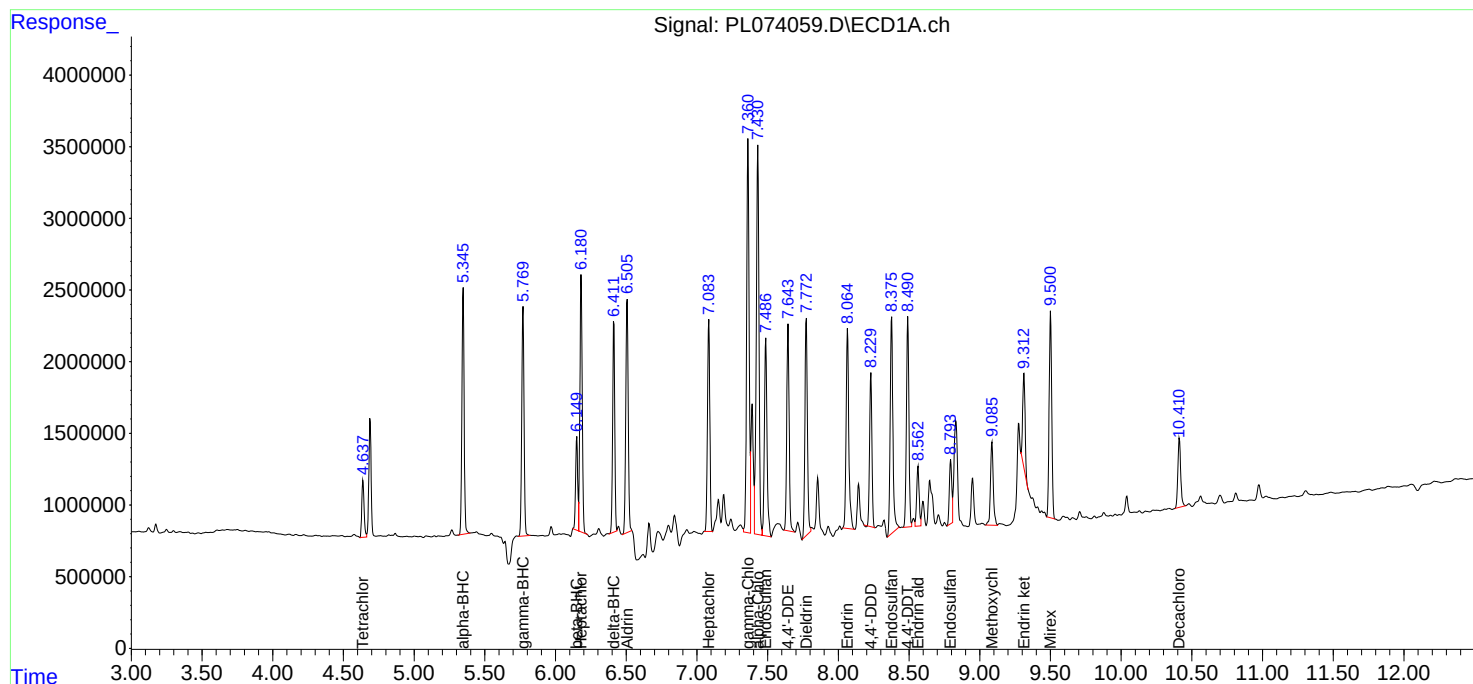
Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

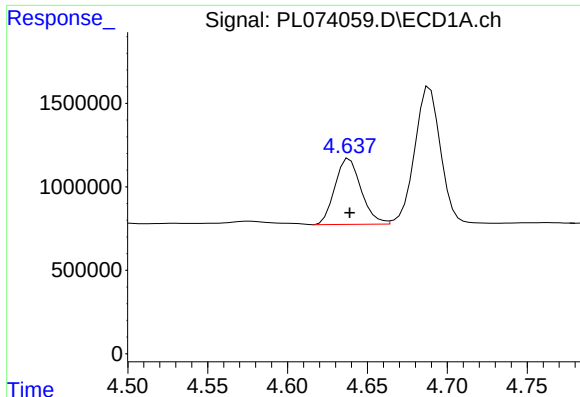
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 02:12:46 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





#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 4511116
Conc: 13.96 ng/ml

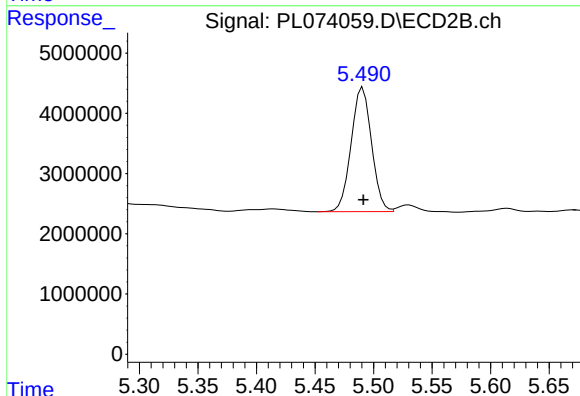
Instrument :

ECD_L

ClientSampleId :
JC-03-041122-BMS

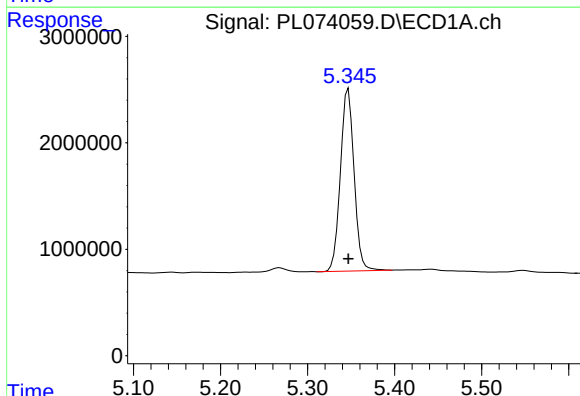
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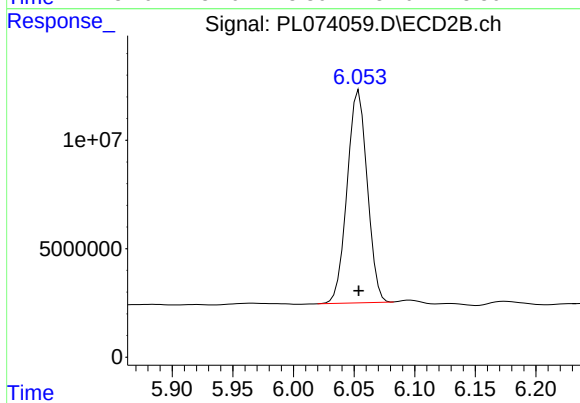
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 25074481
Conc: 14.06 ng/ml



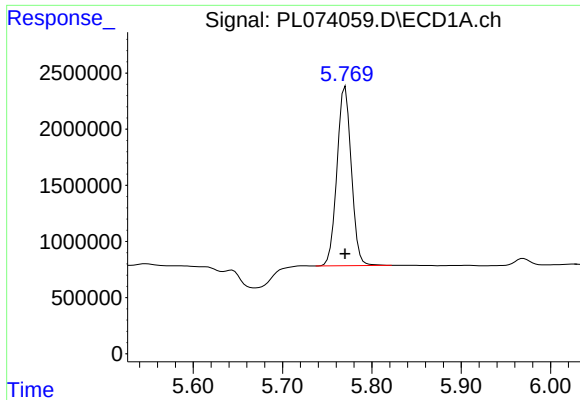
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 18676038
Conc: 44.50 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 113161987
Conc: 44.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 17775971
Conc: 42.38 ng/ml

Instrument :

ECD_L

ClientSampleId :

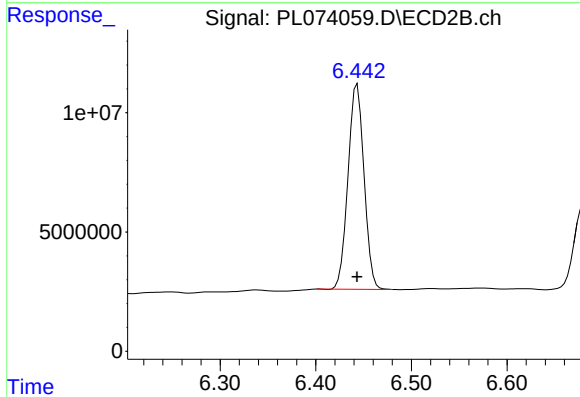
JC-03-041122-BMS

Manual Integrations

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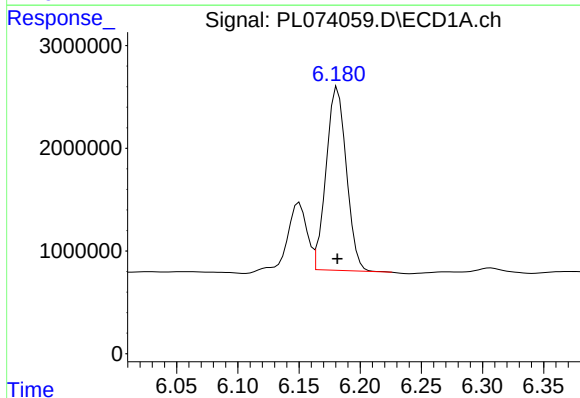
Reviewed By :Abdul Mirza 04/15/2022

Supervised By :mohammad ahmed 04/18/2022



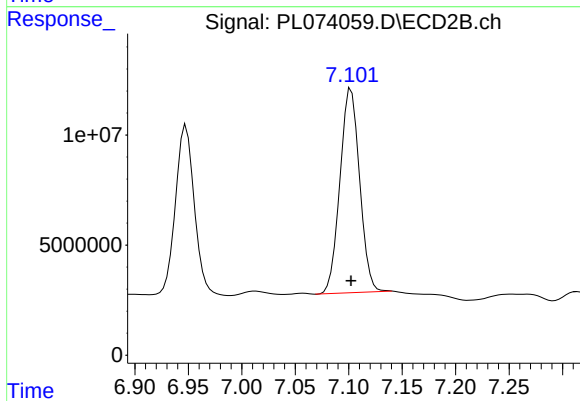
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 100559446
Conc: 42.48 ng/ml



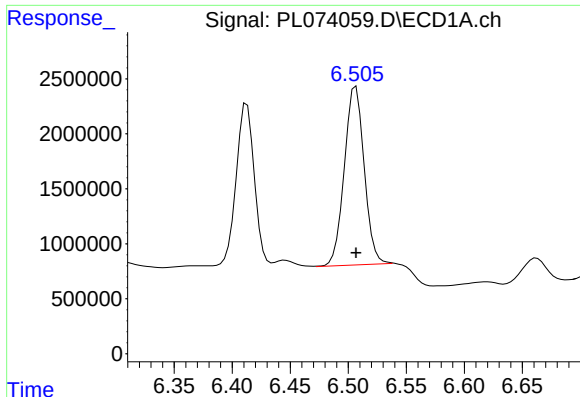
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 20567805
Conc: 45.66 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 119107148
Conc: 45.66 ng/ml



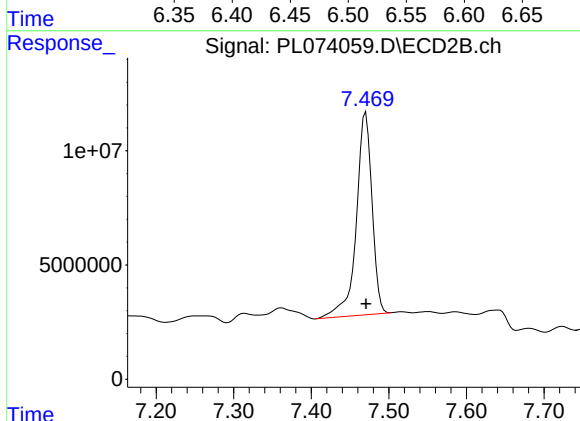
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 19342401
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

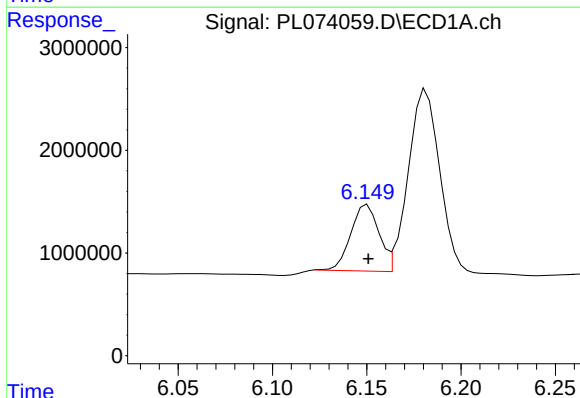
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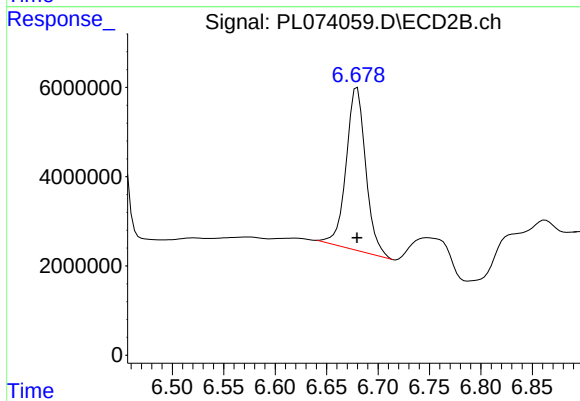
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 124537355
Conc: 53.03 ng/ml



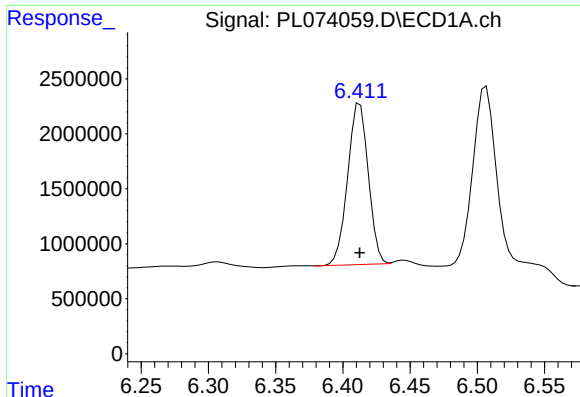
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 6728673
Conc: 32.93 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 47987713
Conc: 42.58 ng/ml



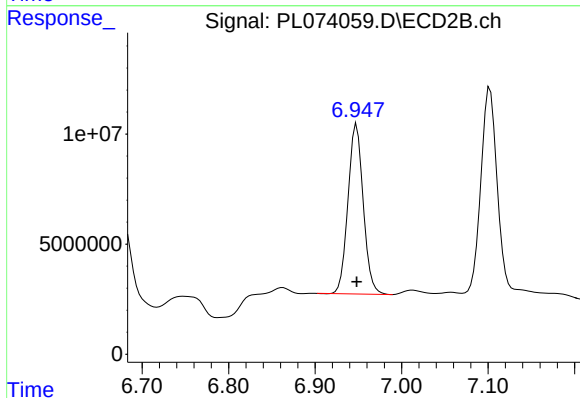
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 15691525
Conc: 37.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

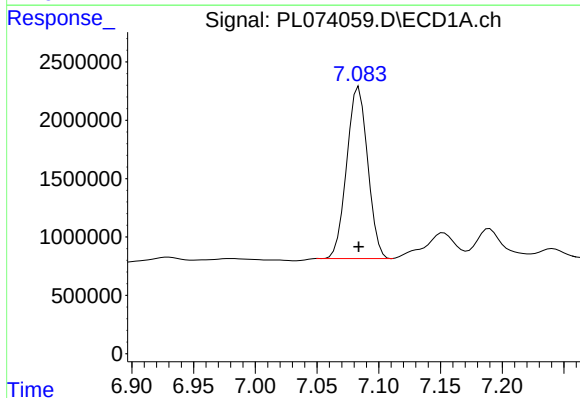
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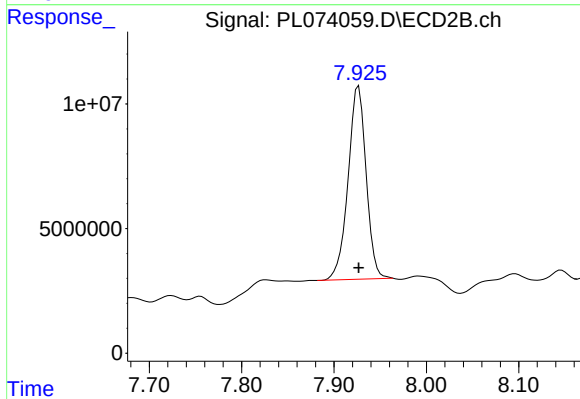
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 94113196
Conc: 38.54 ng/ml



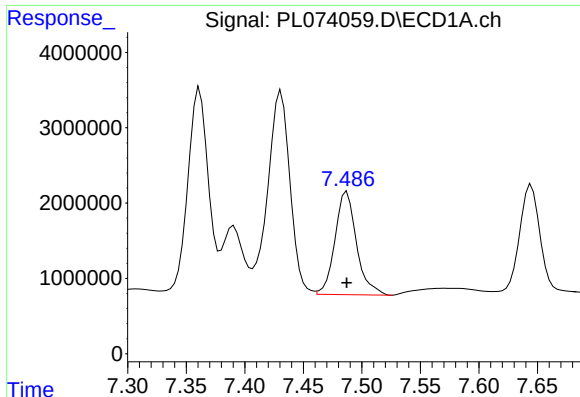
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 17411361
Conc: 40.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 105349844
Conc: 46.79 ng/ml



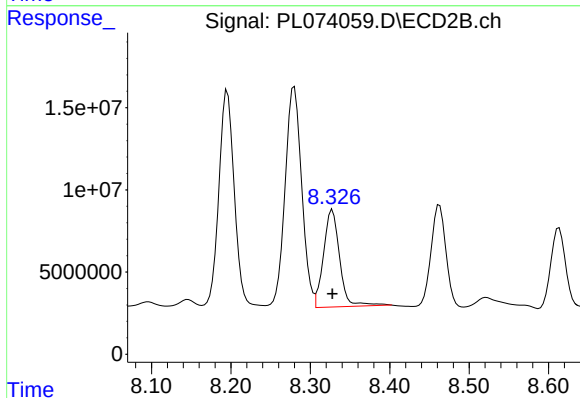
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 17528498
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

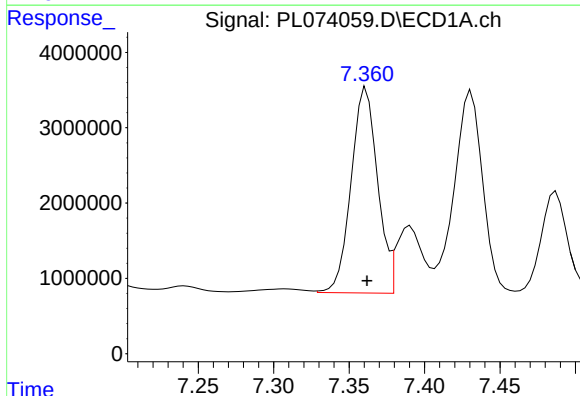
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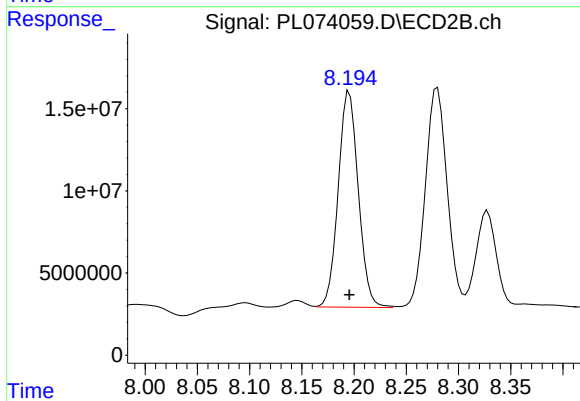
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 83206709
Conc: 42.27 ng/ml



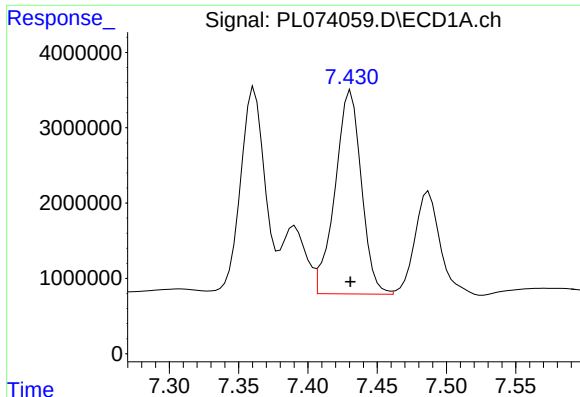
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 33259126
Conc: 75.83 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 175818265
Conc: 78.83 ng/ml m



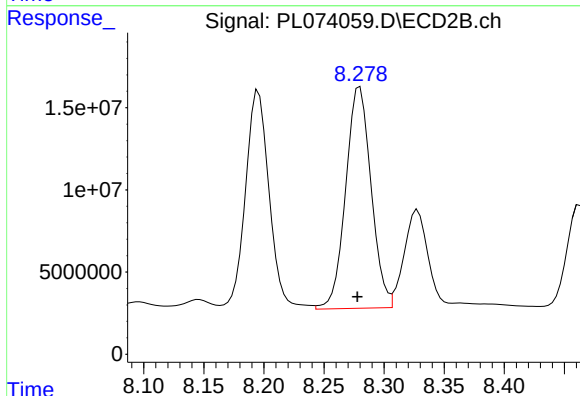
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 35746575
Conc: 80.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

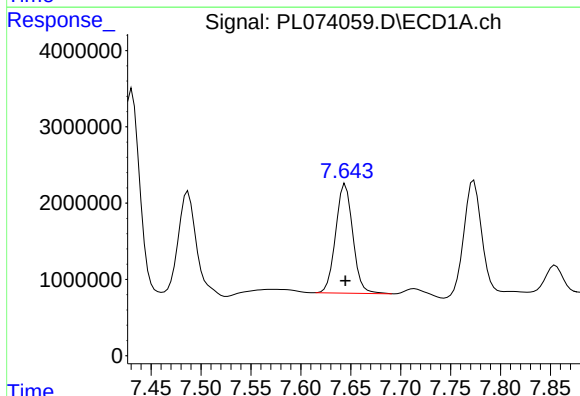
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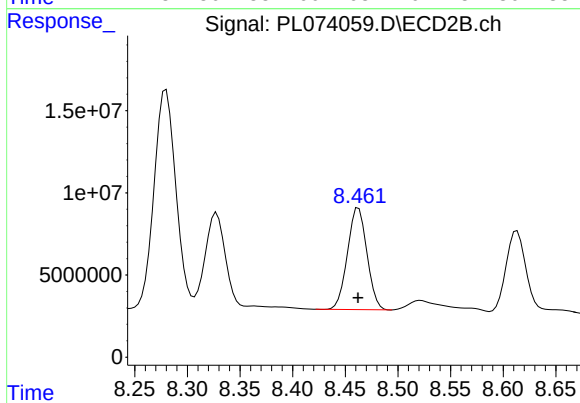
#11 alpha-Chlordane

R.T.: 8.280 min
Delta R.T.: 0.002 min
Response: 198653768
Conc: 92.29 ng/ml



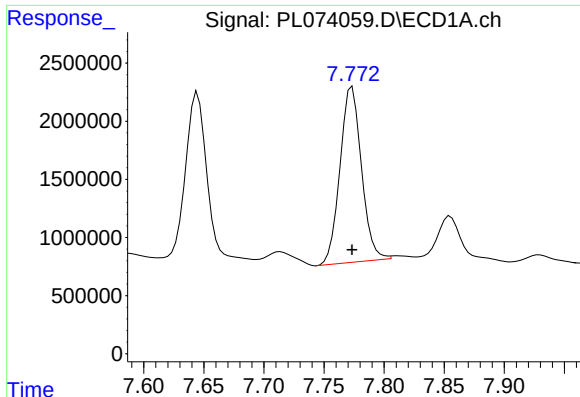
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 17124198
Conc: 46.94 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 80008016
Conc: 40.17 ng/ml



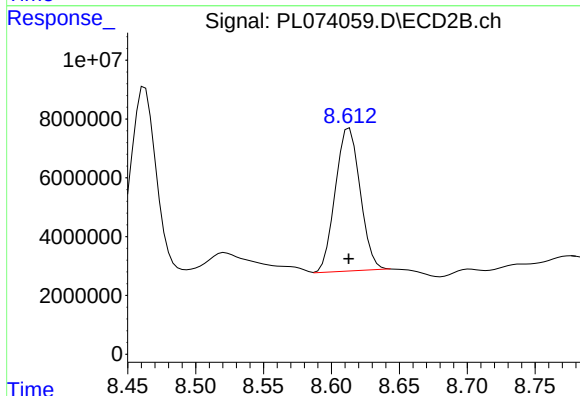
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 18785052
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

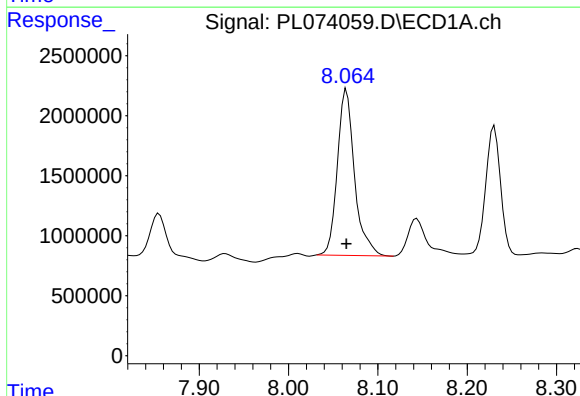
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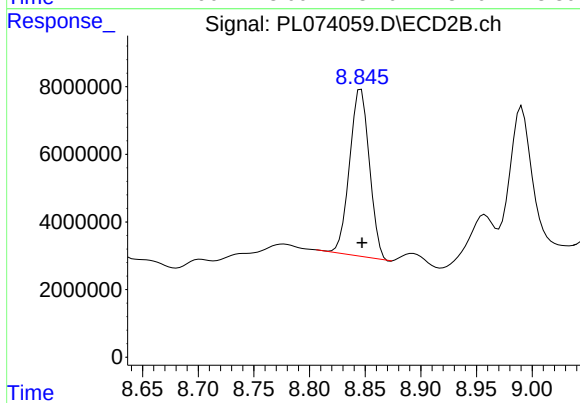
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 61860412
Conc: 30.85 ng/ml m



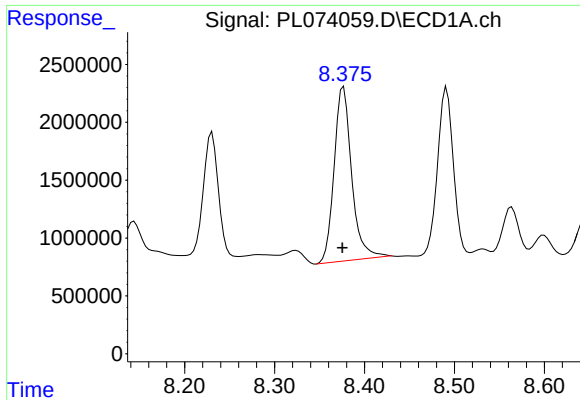
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 18498349
Conc: 45.54 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 61294478
Conc: 36.19 ng/ml



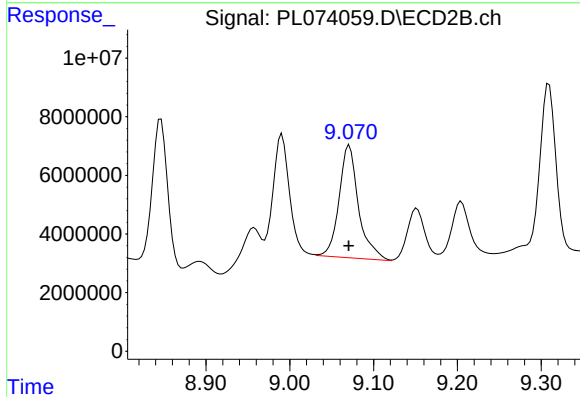
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: 0.001 min
Response: 20350609
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

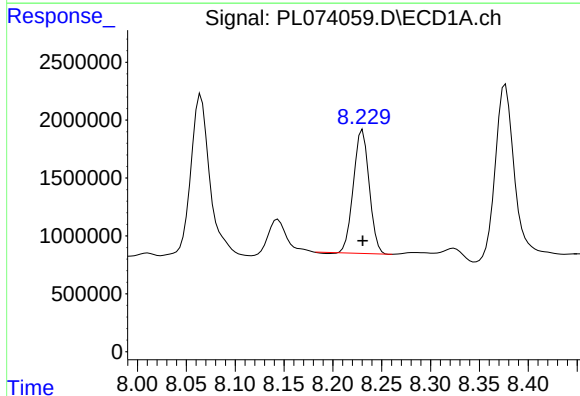
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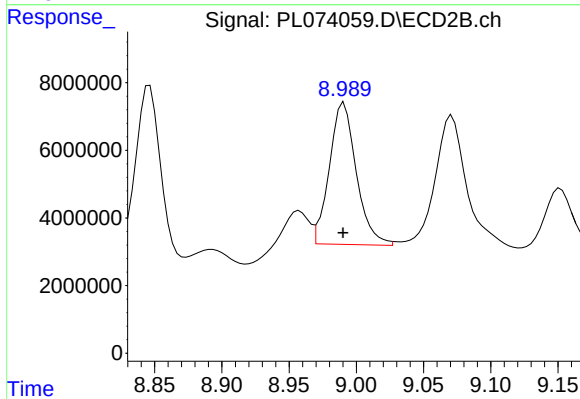
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 61825159
Conc: 35.59 ng/ml m



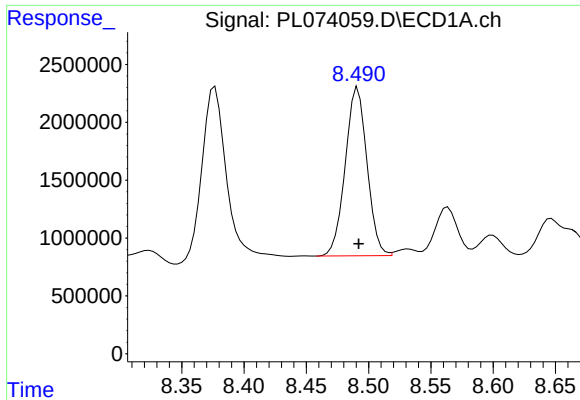
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 11976778
Conc: 37.09 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 54509772
Conc: 35.43 ng/ml m



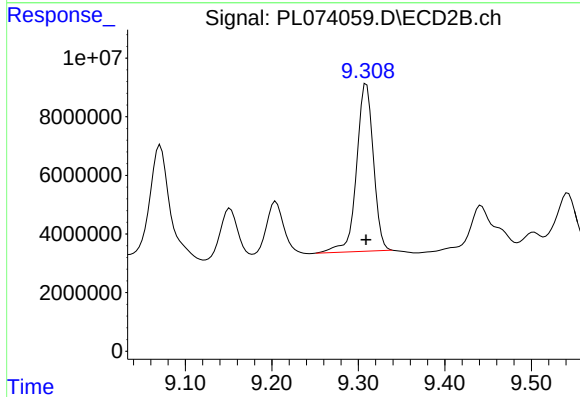
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 17765339
Conc: 48.06 ng/ml

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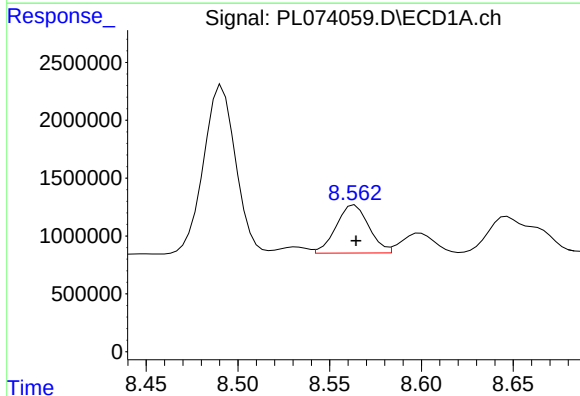
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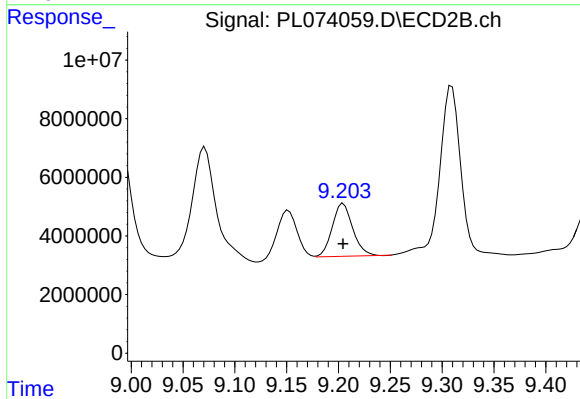
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 77411752
Conc: 43.67 ng/ml



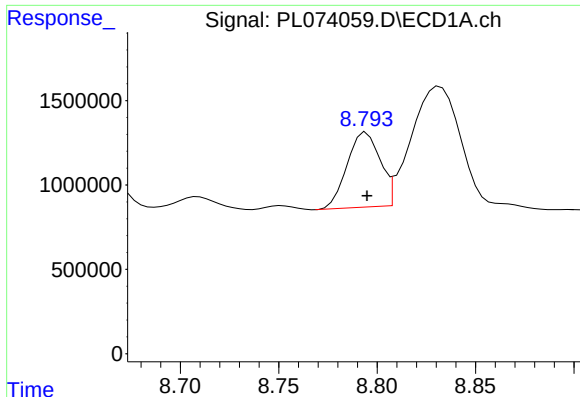
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 5145053
Conc: 15.90 ng/ml



#18 Endrin aldehyde

R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 24713151
Conc: 19.13 ng/ml



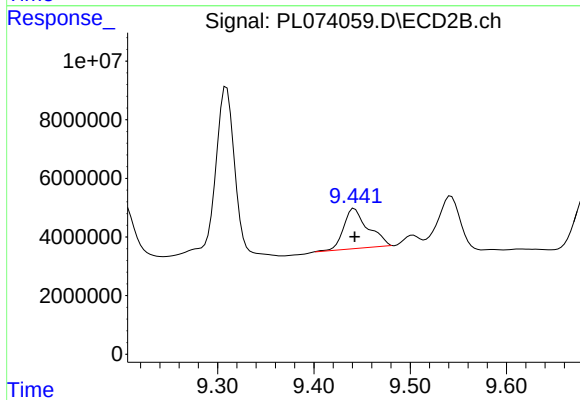
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 5395575
Conc: 12.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

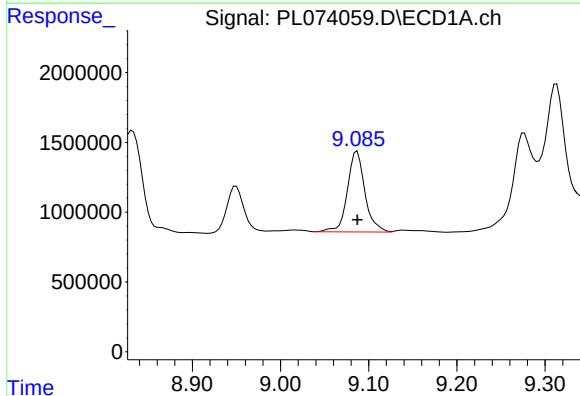
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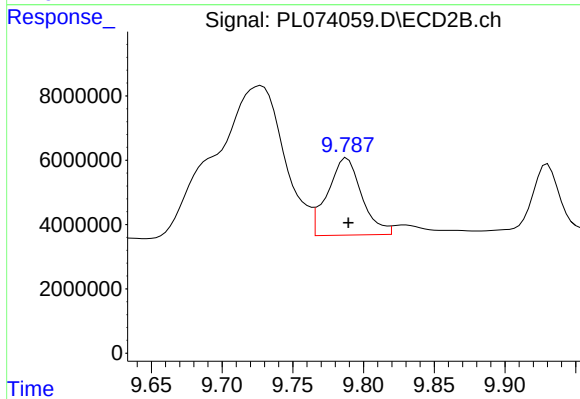
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 24265782
Conc: 14.58 ng/ml



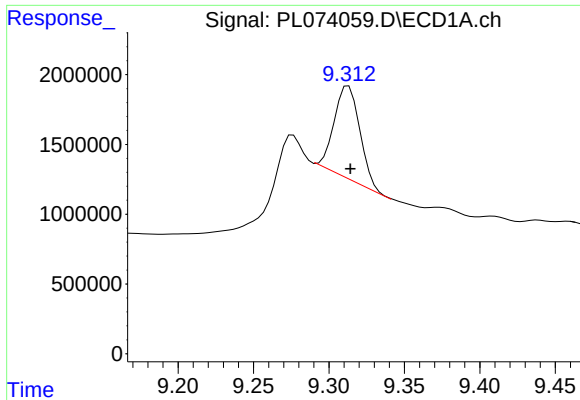
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 7972444
Conc: 32.11 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 40467180
Conc: 42.07 ng/ml



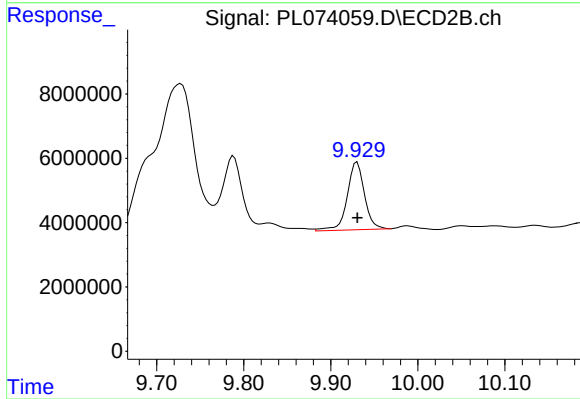
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 7787076
Conc: 15.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMS

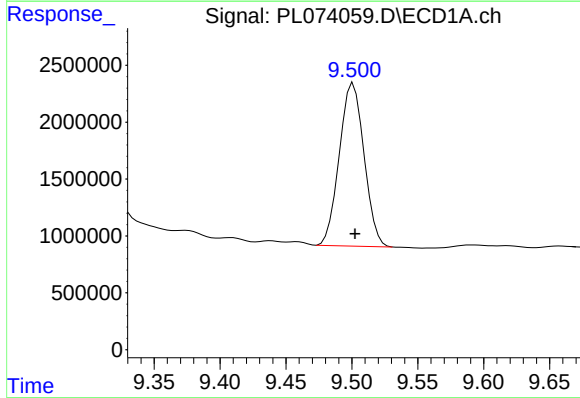
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Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



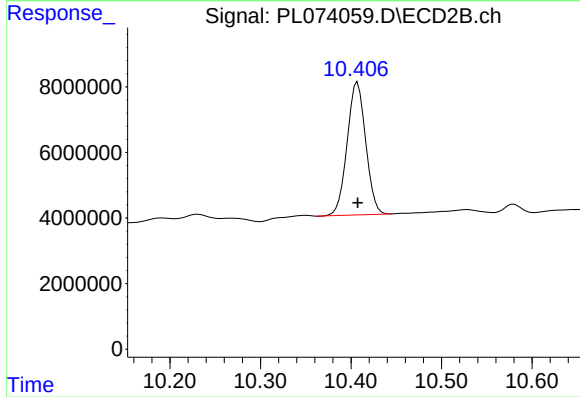
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 28945473
Conc: 16.72 ng/ml



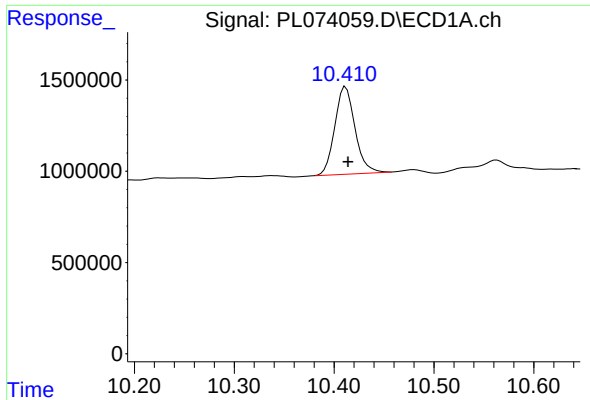
#22 Mirex

R.T.: 9.500 min
Delta R.T.: -0.003 min
Response: 18686347
Conc: 40.06 ng/ml m



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 57638703
Conc: 41.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 6746543
Conc: 12.97 ng/ml

Instrument :

ECD_L

ClientSampleId :

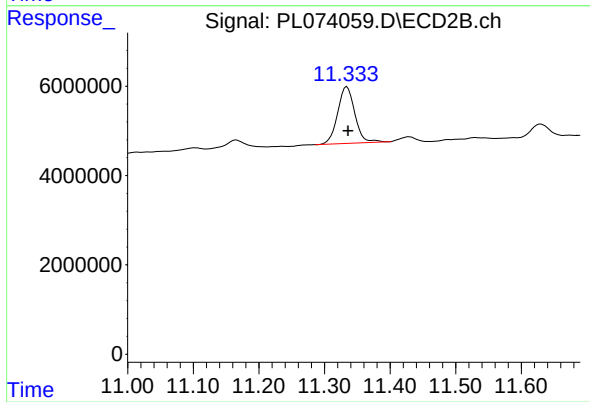
JC-03-041122-BMS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/15/2022

Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 23113857
Conc: 13.09 ng/ml