

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102921\
 Data File : PL070643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 04:01
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul
 Mirza

10/29/2021
 Supervised By :mohammad
 ahmed

11/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 06:12:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 06:10:58 2021
 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...	4.583	5.518	2314370	6963283	5.094	4.787
28) SA Decachlor...	10.346	11.419	3523153	7111630	6.130	4.858
Target Compounds						
2) A alpha-BHC	5.289	6.098	2880774	10262451	4.348	4.625
3) MA gamma-BHC...	5.712	6.494	3059326	9346310	4.859	4.480
4) MA Heptachlor	6.120	7.141	3407686	9699830	5.142	4.538m
5) MB Aldrin	6.444	7.512	2868456	9050400	4.836	4.553
6) B beta-BHC	6.094	6.751	1805064	6383827	5.914	6.594
7) B delta-BHC	6.352	7.017	2793046	12050417	4.550m	5.315m
8) B Heptachlo...	7.021	7.979	3095130	8219328	5.331	4.501
9) A Endosulfan I	7.423	8.384	2917147	8165488	5.303	4.685
10) B gamma-Chl...	7.298	8.249	3104013	8732190	5.267	4.669
11) B alpha-Chl...	7.368	8.329	3195285	8694651	5.399	4.717
12) B 4,4'-DDE	7.582	8.518	2424467	8649989	4.673	4.608
13) MA Dieldrin	7.710	8.673	2859942	8274579	5.072	4.558
14) MA Endrin	8.001	8.912	2710671	7243291	5.121	4.623
15) B Endosulfa...	8.311	9.147	3404505	7460092	6.317	4.870
16) A 4,4'-DDD	8.168	9.056	2137347	9173663	4.677	5.772
17) MA 4,4'-DDT	8.429	9.375	2494096	7846230	4.863	4.697
18) B Endrin al...	8.500	9.281	2290877	5901770	5.516	4.910
19) B Endosulfa...	8.731	9.519	3016926	7539626	5.498	4.953
20) A Methoxychlor	9.024	9.862	1813004	4242284	5.572	4.984
21) B Endrin ke...	9.249	10.015	3142645	7807798	4.962	4.635m
22) Mirex	9.434	10.482	3388352	6172992	6.235	5.071

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102921\
Data File : PL070643.D
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Acq On : 29 Oct 2021 04:01
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Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

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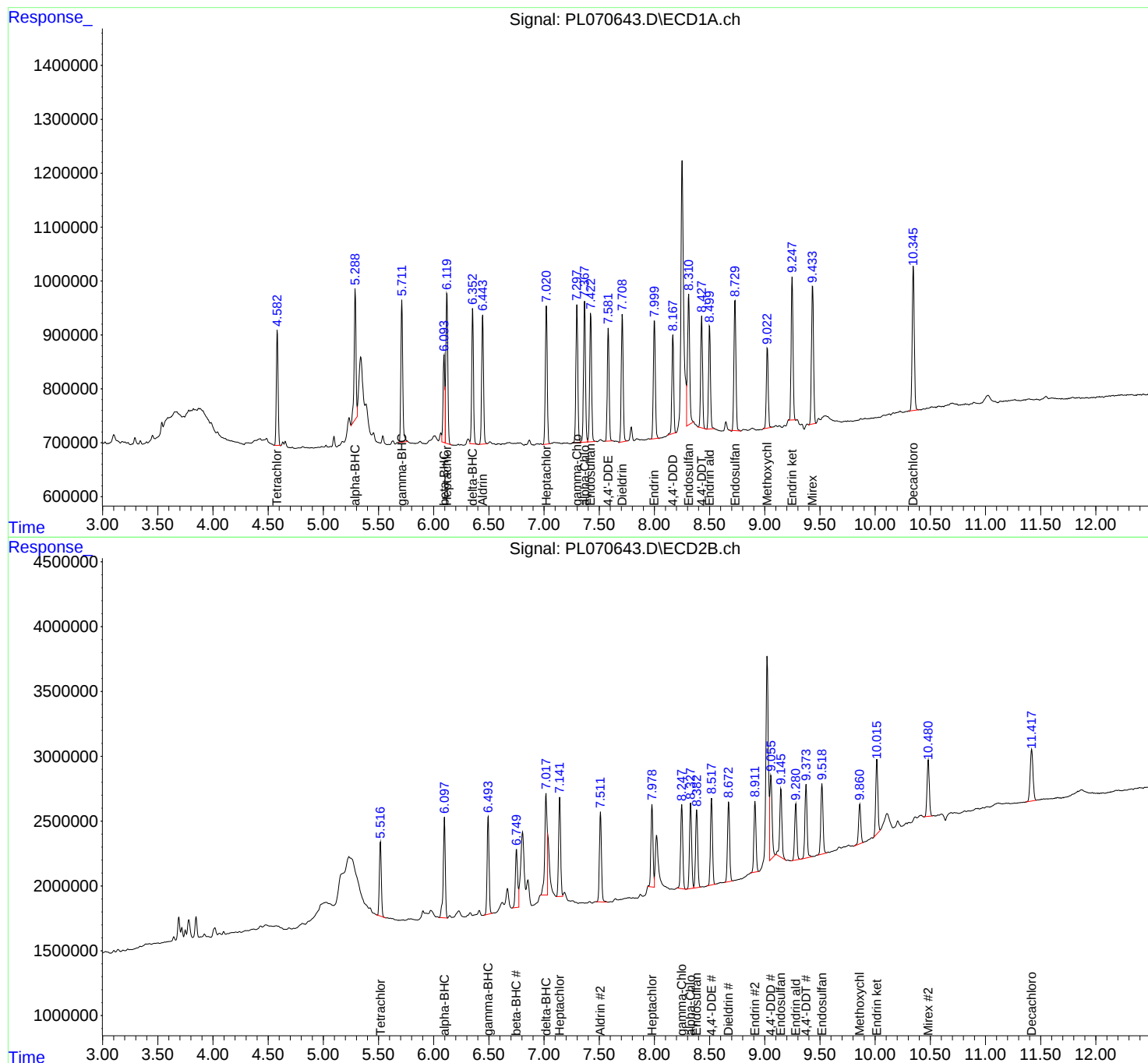
Reviewed By :Abdul
Mirza

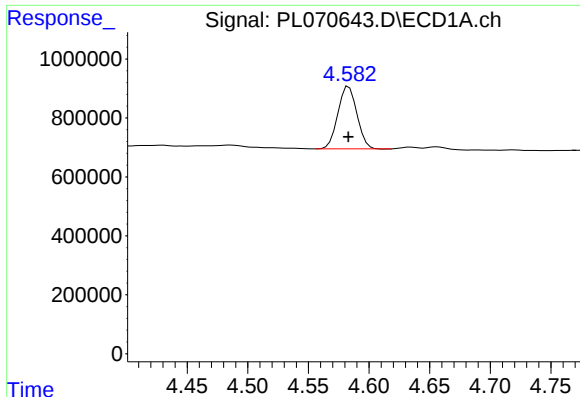
10/29/2021
Supervised By :mohammad
ahmed

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2314370
Conc: 5.09 ng/ml

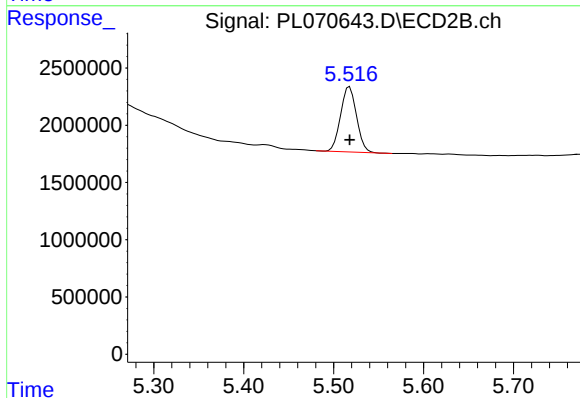
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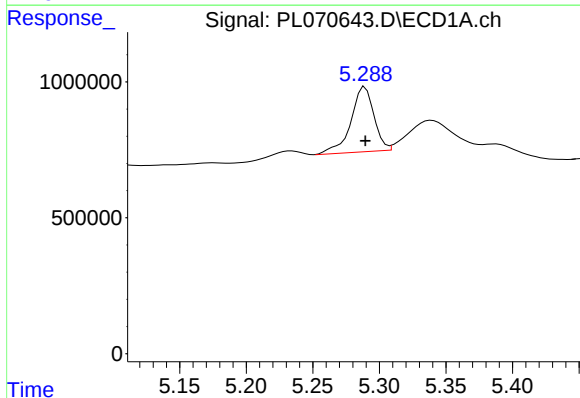
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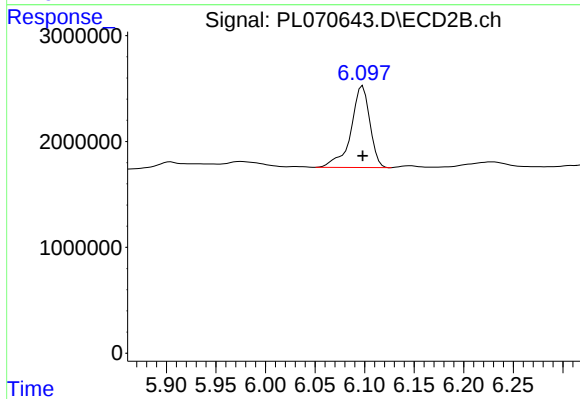
#1 Tetrachloro-m-xylene

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 6963283
Conc: 4.79 ng/ml



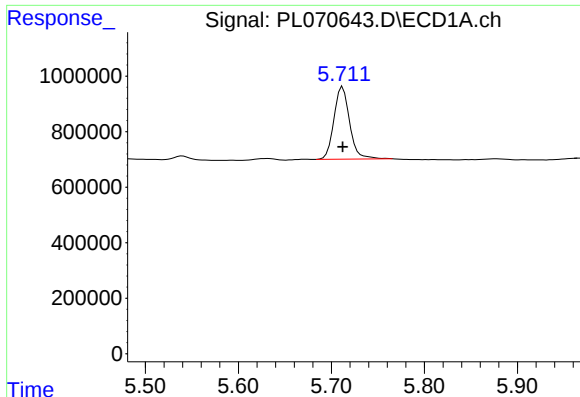
#2 alpha-BHC

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 2880774
Conc: 4.35 ng/ml



#2 alpha-BHC

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 10262451
Conc: 4.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 3059326
Conc: 4.86 ng/ml

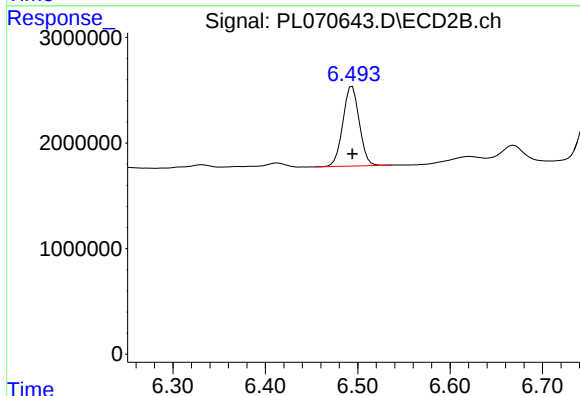
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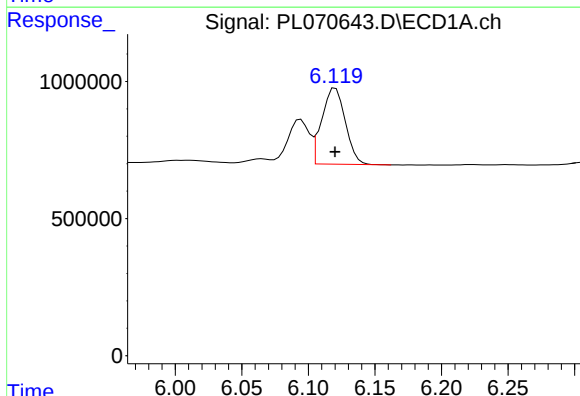
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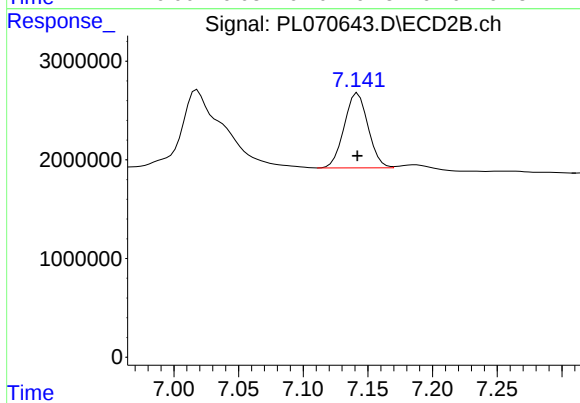
#3 gamma-BHC (Lindane)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 9346310
Conc: 4.48 ng/ml



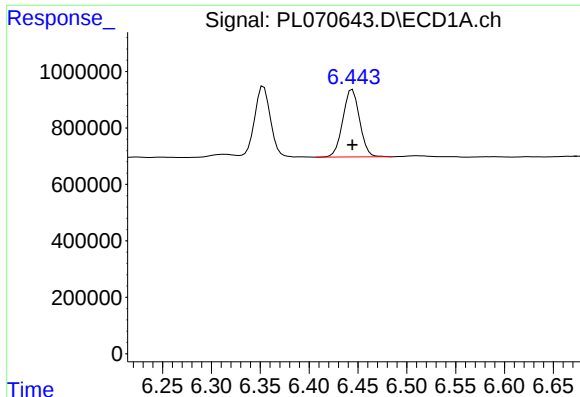
#4 Heptachlor

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 3407686
Conc: 5.14 ng/ml



#4 Heptachlor

R.T.: 7.141 min
Delta R.T.: -0.001 min
Response: 9699830
Conc: 4.54 ng/ml m



#5 Aldrin

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 2868456
Conc: 4.84 ng/ml

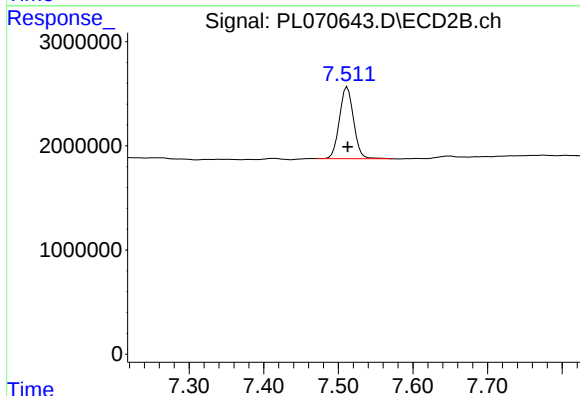
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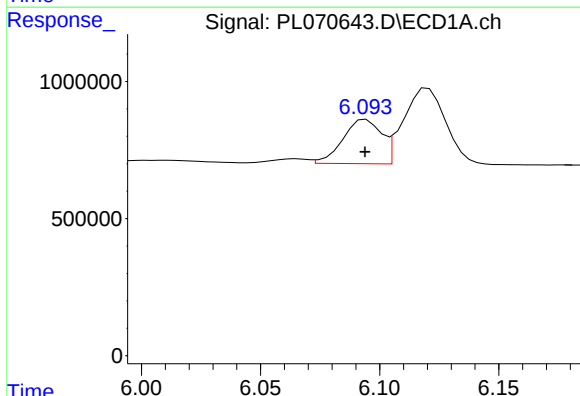
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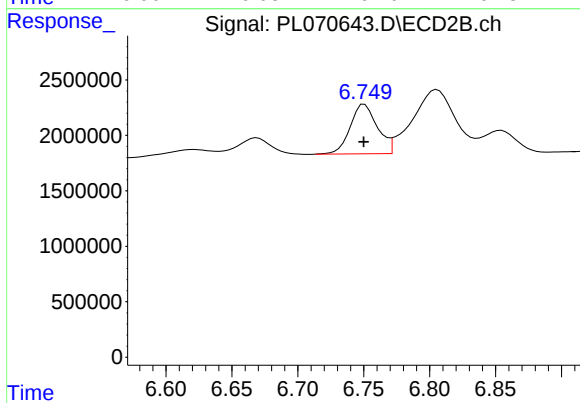
#5 Aldrin

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 9050400
Conc: 4.55 ng/ml



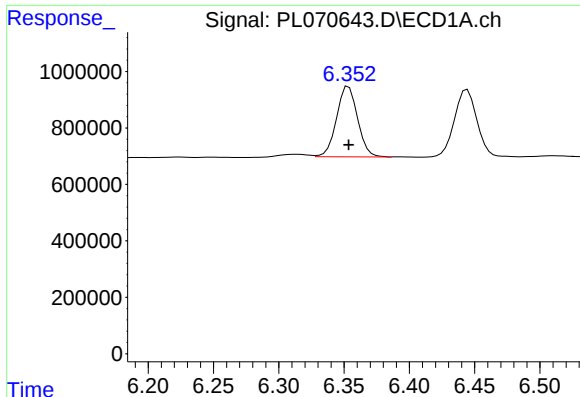
#6 beta-BHC

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 1805064
Conc: 5.91 ng/ml



#6 beta-BHC

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 6383827
Conc: 6.59 ng/ml



#7 delta-BHC

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 2793046
Conc: 4.55 ng/ml

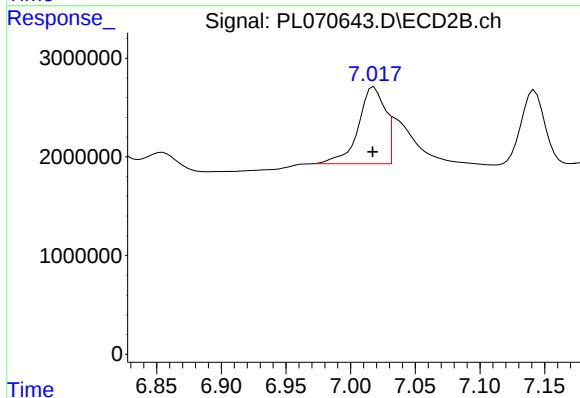
Instrument :
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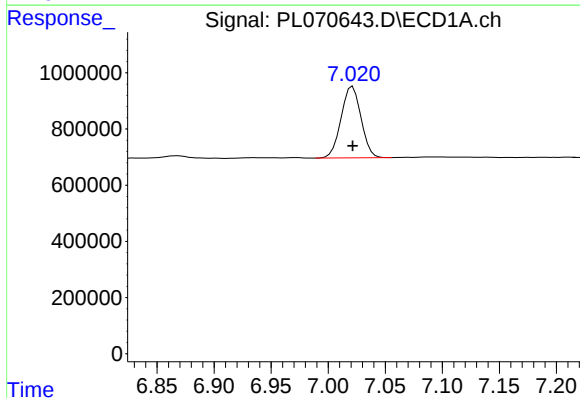
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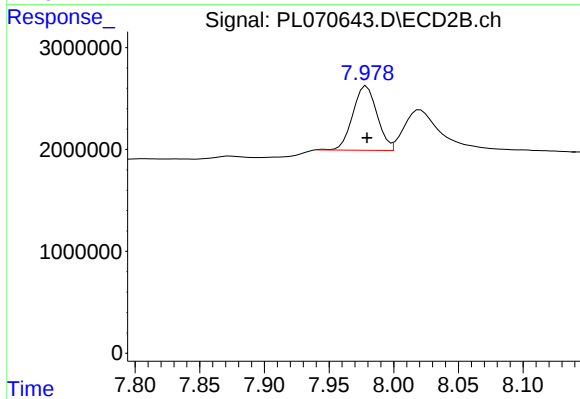
#7 delta-BHC

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 12050417
Conc: 5.32 ng/ml m



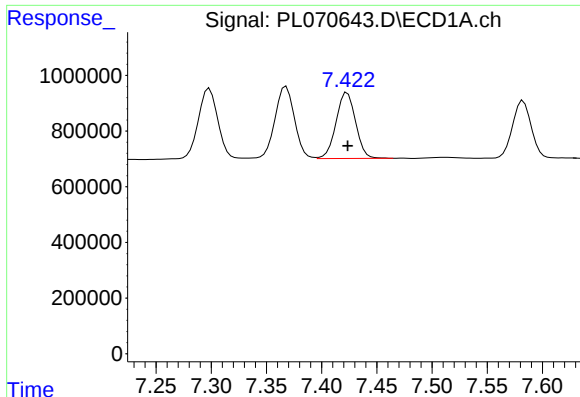
#8 Heptachlor epoxide

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3095130
Conc: 5.33 ng/ml



#8 Heptachlor epoxide

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 8219328
Conc: 4.50 ng/ml



#9 Endosulfan I

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 2917147
Conc: 5.30 ng/ml

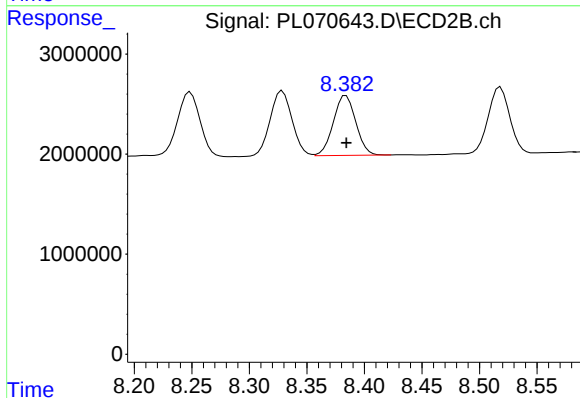
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

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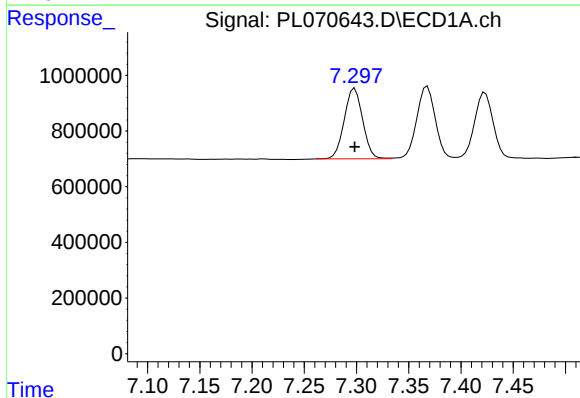
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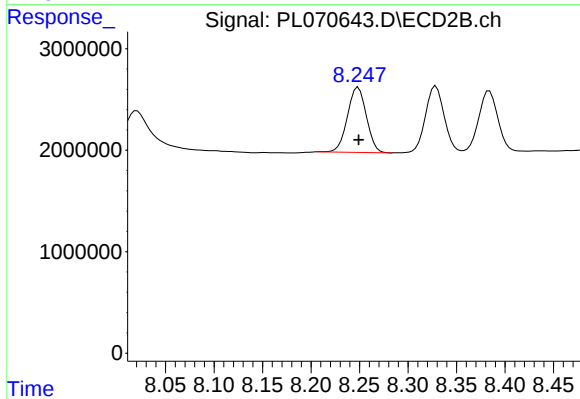
#9 Endosulfan I

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 8165488
Conc: 4.69 ng/ml



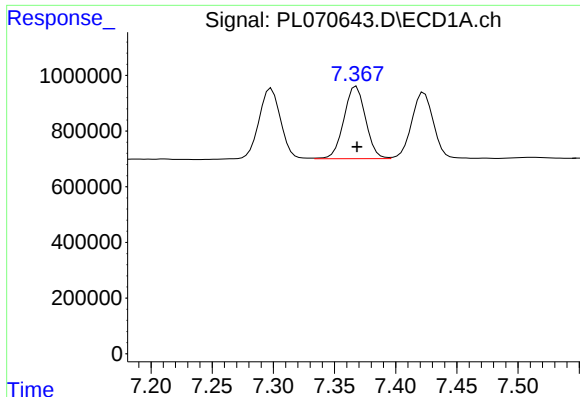
#10 gamma-Chlordane

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 3104013
Conc: 5.27 ng/ml



#10 gamma-Chlordane

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 8732190
Conc: 4.67 ng/ml



#11 alpha-Chlordane

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3195285
Conc: 5.40 ng/ml

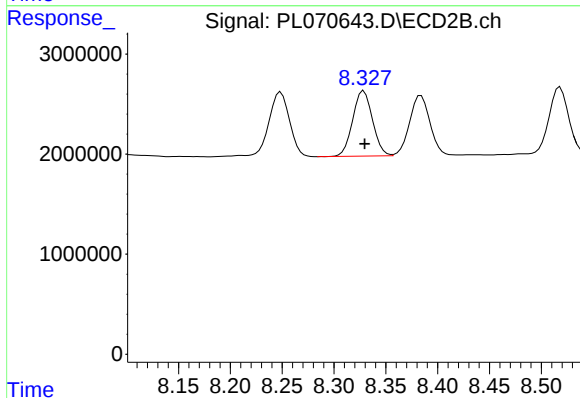
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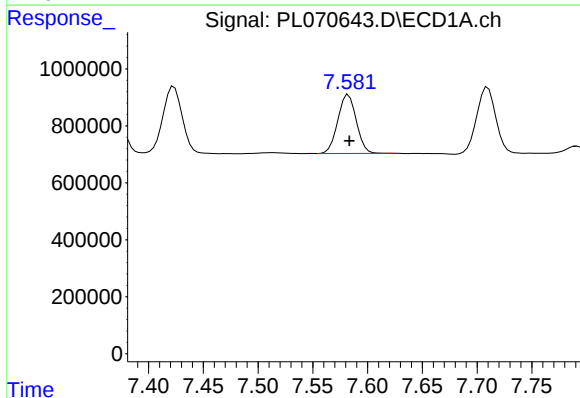
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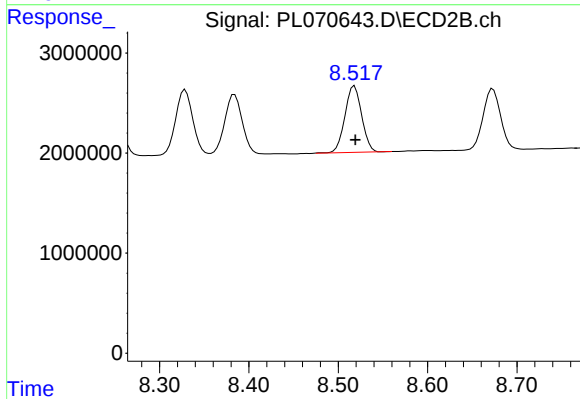
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 8694651
Conc: 4.72 ng/ml



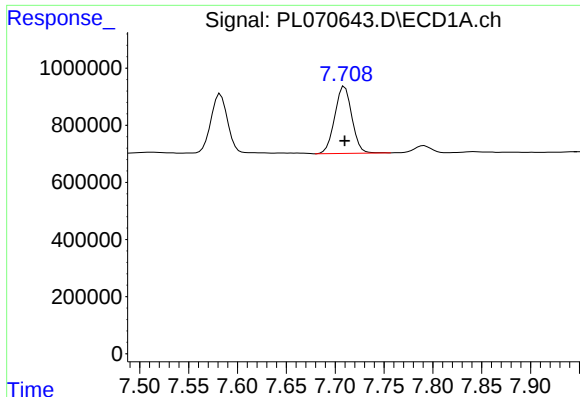
#12 4,4'-DDE

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 2424467
Conc: 4.67 ng/ml



#12 4,4'-DDE

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 8649989
Conc: 4.61 ng/ml



#13 Dieldrin

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 2859942
Conc: 5.07 ng/ml

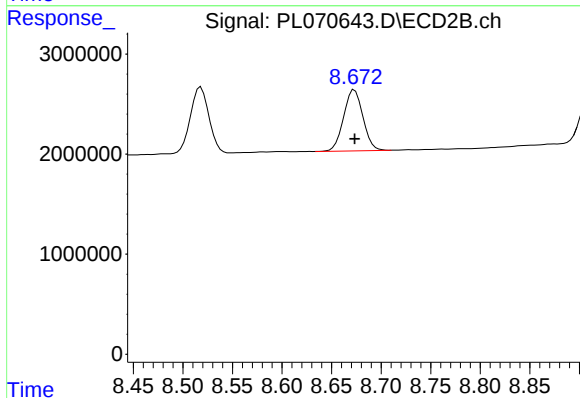
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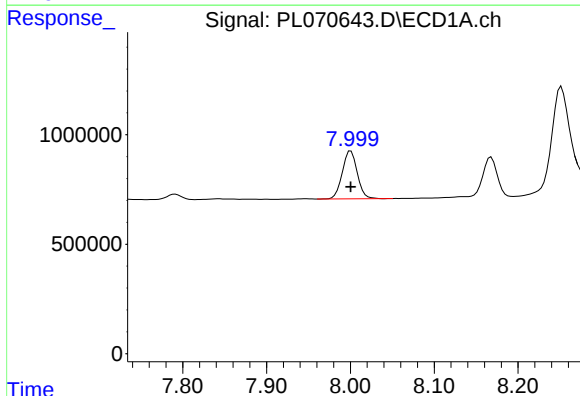
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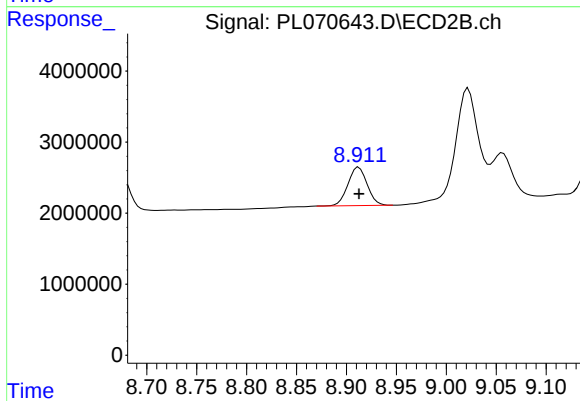
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 8274579
Conc: 4.56 ng/ml



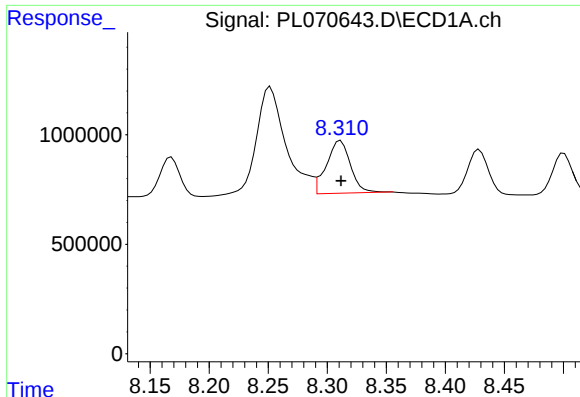
#14 Endrin

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 2710671
Conc: 5.12 ng/ml



#14 Endrin

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 7243291
Conc: 4.62 ng/ml



#15 Endosulfan II

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 3404505
Conc: 6.32 ng/ml

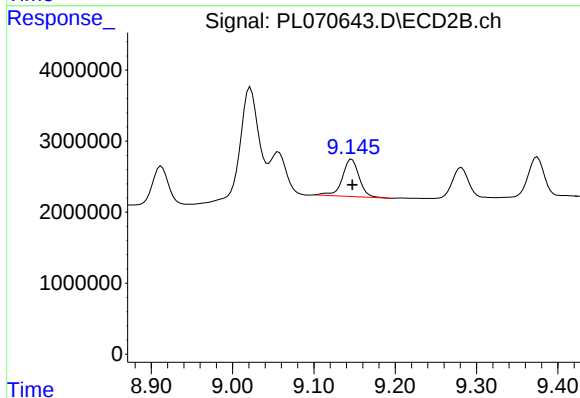
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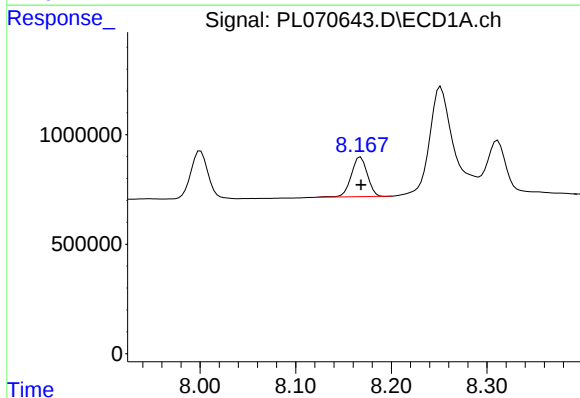
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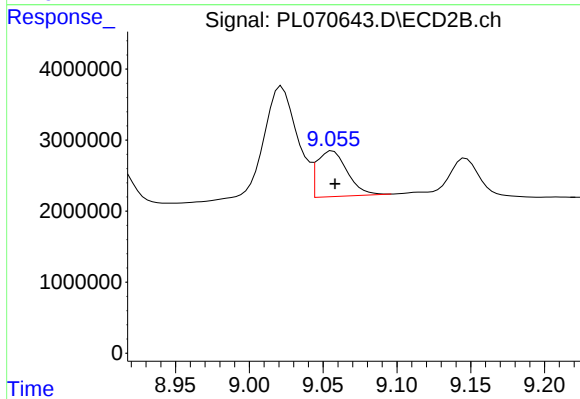
#15 Endosulfan II

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 7460092
Conc: 4.87 ng/ml



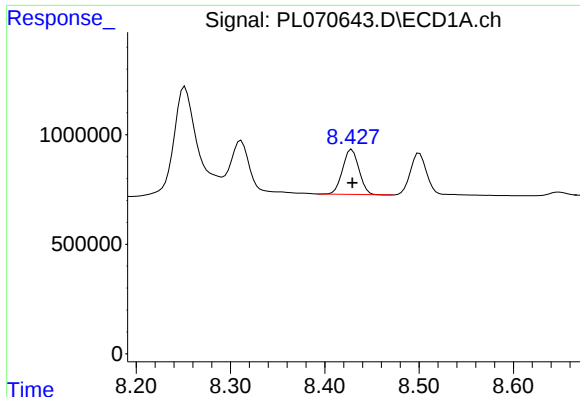
#16 4,4'-DDD

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2137347
Conc: 4.68 ng/ml



#16 4,4'-DDD

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 9173663
Conc: 5.77 ng/ml



#17 4,4'-DDT

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2494096
Conc: 4.86 ng/ml

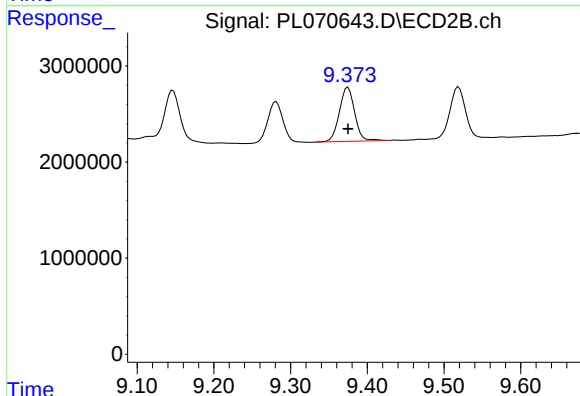
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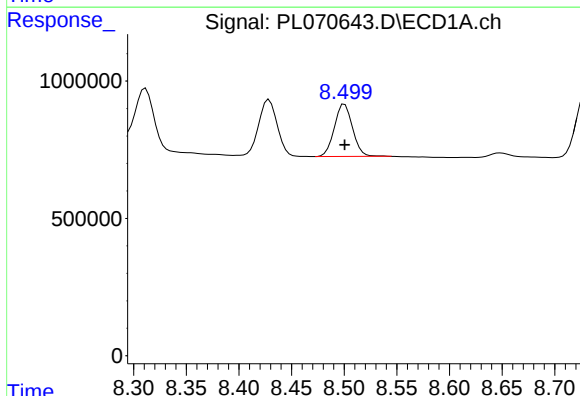
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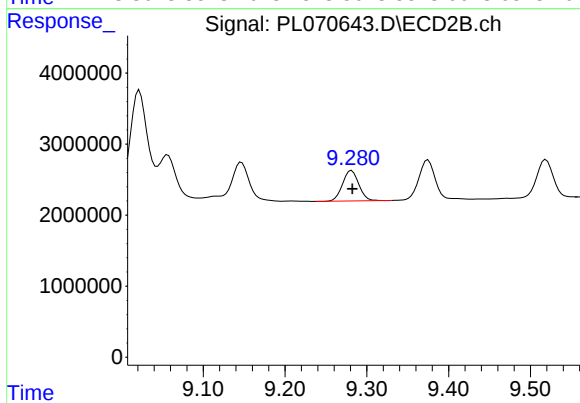
#17 4,4'-DDT

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 7846230
Conc: 4.70 ng/ml



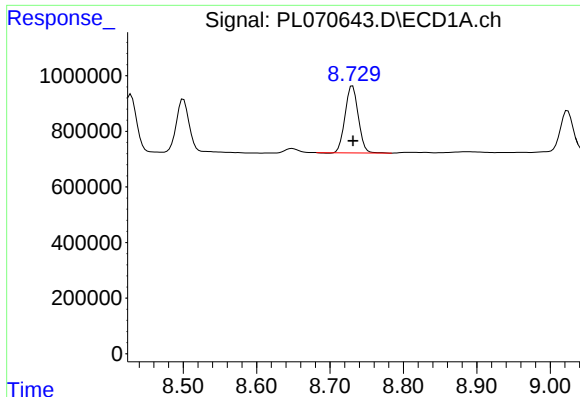
#18 Endrin aldehyde

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 2290877
Conc: 5.52 ng/ml



#18 Endrin aldehyde

R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 5901770
Conc: 4.91 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 3016926
Conc: 5.50 ng/ml

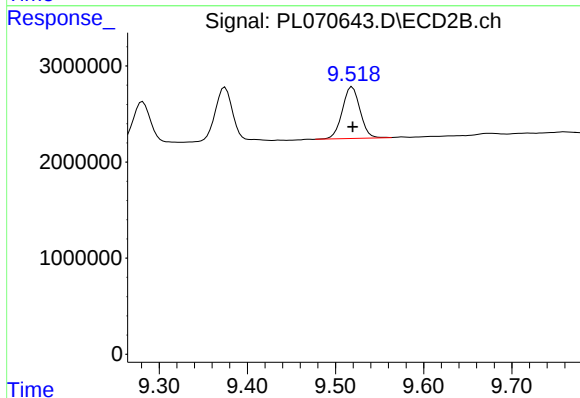
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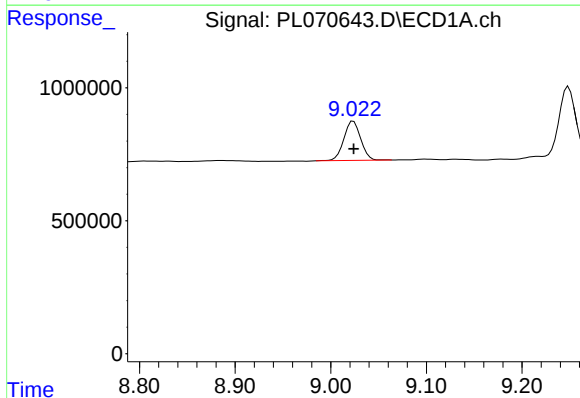
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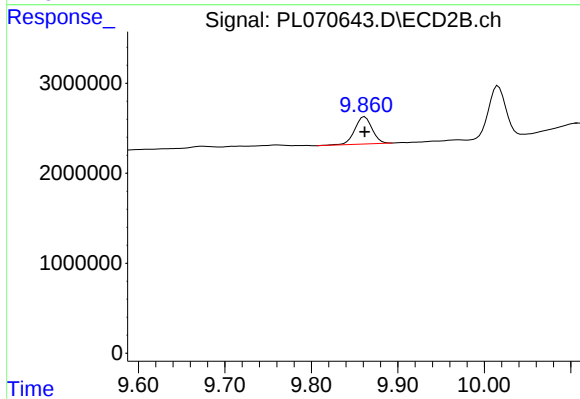
#19 Endosulfan Sulfate

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 7539626
Conc: 4.95 ng/ml



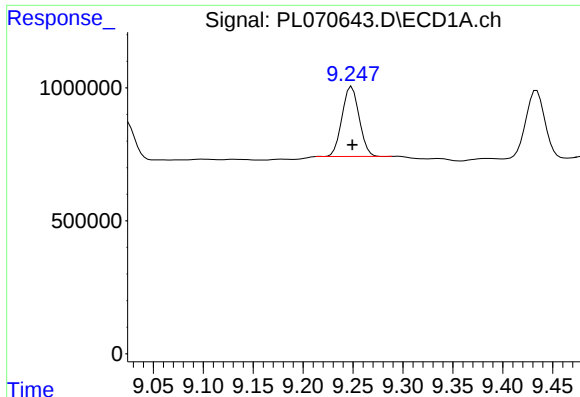
#20 Methoxychlor

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 1813004
Conc: 5.57 ng/ml



#20 Methoxychlor

R.T.: 9.862 min
Delta R.T.: 0.000 min
Response: 4242284
Conc: 4.98 ng/ml



#21 Endrin ketone

R.T.: 9.249 min
Delta R.T.: 0.000 min
Response: 3142645
Conc: 4.96 ng/ml

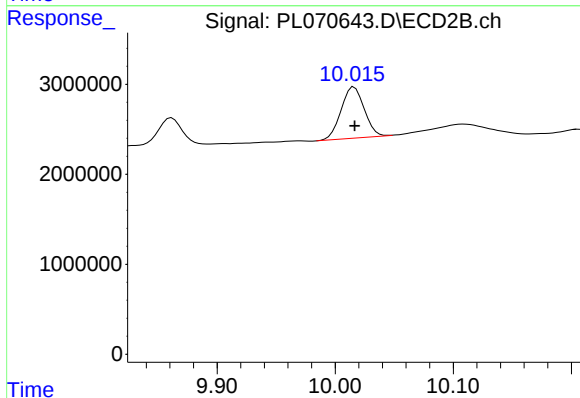
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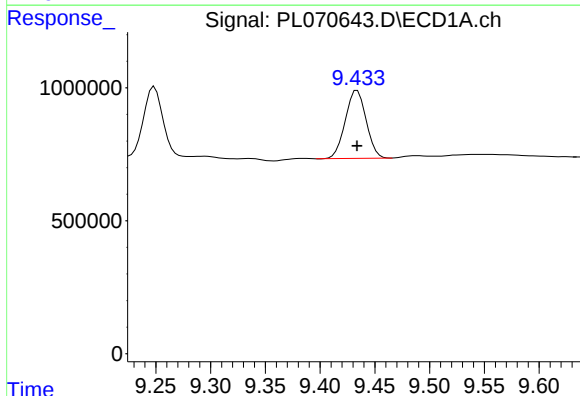
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ahmed

11/01/2021



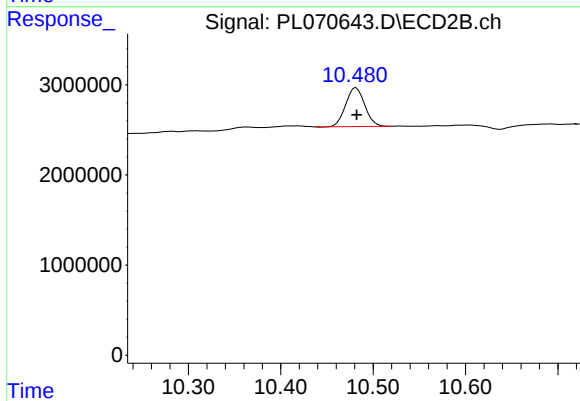
#21 Endrin ketone

R.T.: 10.015 min
Delta R.T.: -0.002 min
Response: 7807798
Conc: 4.63 ng/ml m



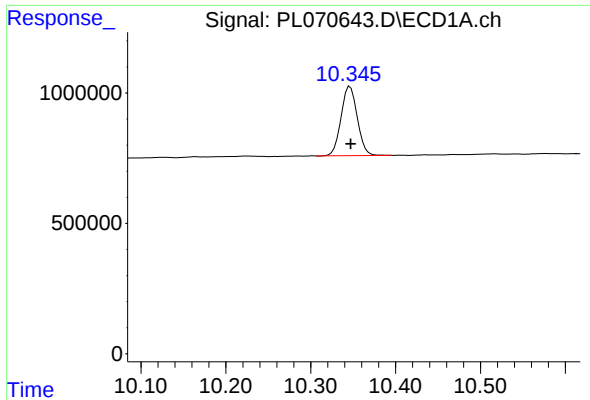
#22 Mirex

R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 3388352
Conc: 6.24 ng/ml



#22 Mirex

R.T.: 10.482 min
Delta R.T.: 0.000 min
Response: 6172992
Conc: 5.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.346 min
Delta R.T.: 0.000 min
Response: 3523153
Conc: 6.13 ng/ml

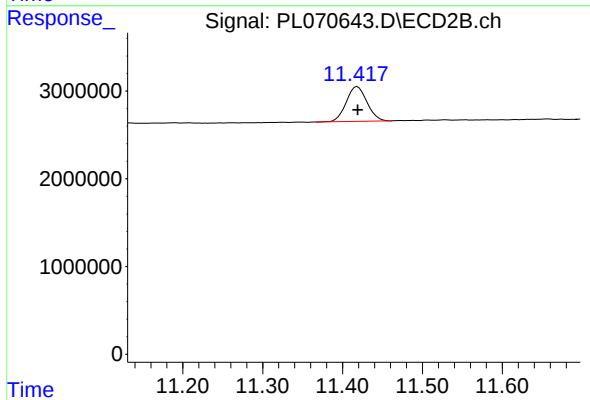
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

10/29/2021
Supervised By :mohammad
ahmed

11/01/2021



#28 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 7111630
Conc: 4.86 ng/ml