

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 12:05
 Operator : AR\AJ
 Sample : N2058-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHAMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/25/2022
 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:22:01 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...	4.649	5.488	7621053	42390355	23.795	25.828
28) SA Decachlor...	10.421	11.333	13202810	45924016	25.964	25.682
Target Compounds						
2) A alpha-BHC	5.357	6.052	27839905	161.0E6	67.539	71.576
3) MA gamma-BHC...	5.780	6.440	29507346	154.3E6	70.738m	72.279m
4) MA Heptachlor	6.192	7.101	29374757	160.6E6	65.104	68.535
5) MB Aldrin	6.517	7.468	27058032	148.0E6	65.489	70.635m
6) B beta-BHC	6.161	6.678	13248413	66062966	64.345	63.377
7) B delta-BHC	6.422	6.946	27460438	152.1E6	68.369	70.608
8) B Heptachlo...	7.093	7.926	28227546	138.5E6	65.496	69.345
9) A Endosulfan I	7.496	8.326	26828787	125.9E6	65.401	68.963
10) B gamma-Chl...	7.371	8.194	28809164	139.9E6	65.879	68.489
11) B alpha-Chl...	7.440	8.277	28917238	136.7E6	65.434	68.366
12) B 4,4'-DDE	7.654	8.461	24399647	127.1E6	67.996	70.924
13) MA Dieldrin	7.782	8.610	28119013	132.0E6	67.493	71.581m
14) MA Endrin	8.074	8.846	27912924	109.2E6	71.940	70.960
15) B Endosulfa...	8.384	9.070	26293293	106.0E6	67.267	69.039
16) A 4,4'-DDD	8.239	8.989	22116524	100.7E6	68.106	69.003
17) MA 4,4'-DDT	8.500	9.308	24709756	109.1E6	65.338	66.755
18) B Endrin al...	8.572	9.201	21256477	85556847	67.215	69.768m
19) B Endosulfa...	8.803	9.440	27848262	106.5E6	65.925	67.567
20) A Methoxychlor	9.096	9.787	16247251	57573758	63.334	63.895
21) B Endrin ke...	9.322	9.929	32987096	111.3E6	67.427	67.429
22) Mirex	9.510	10.405	31788336	96261061	67.411	70.861

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

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 Operator : AR\AJ
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

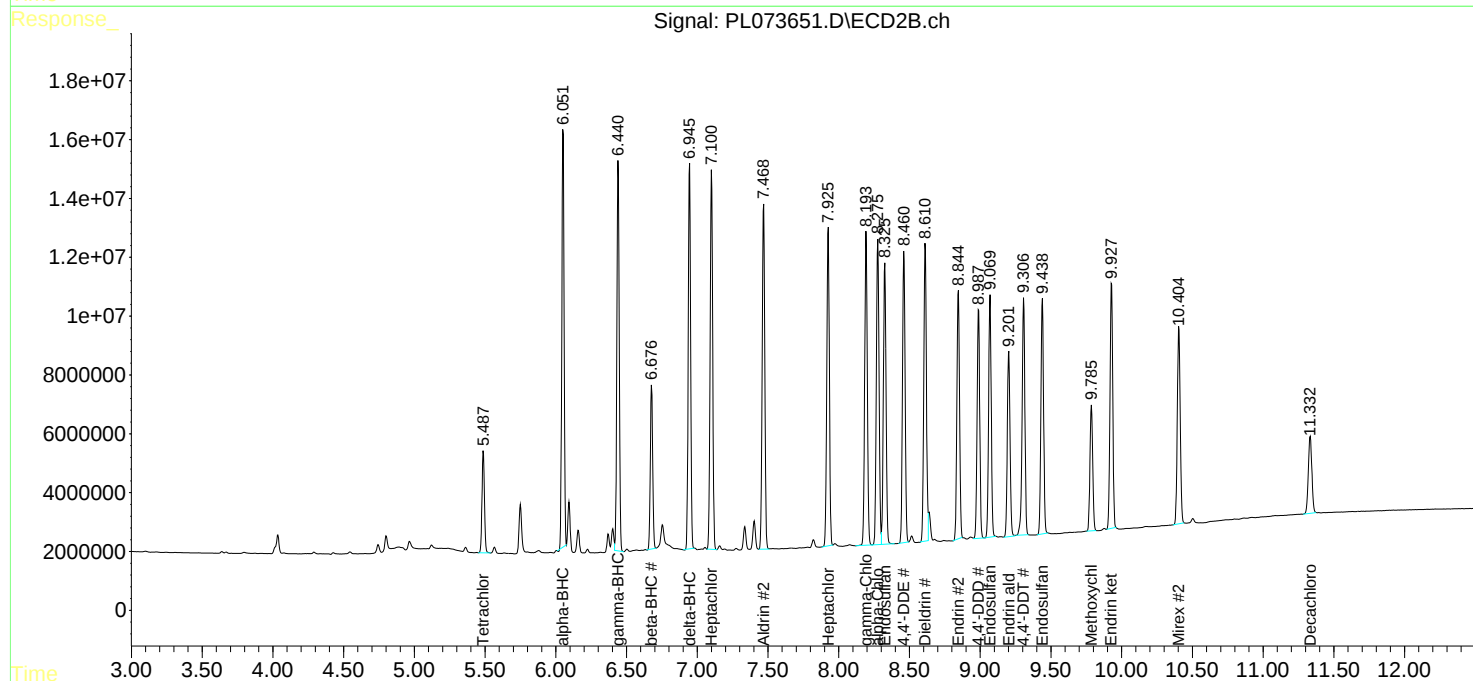
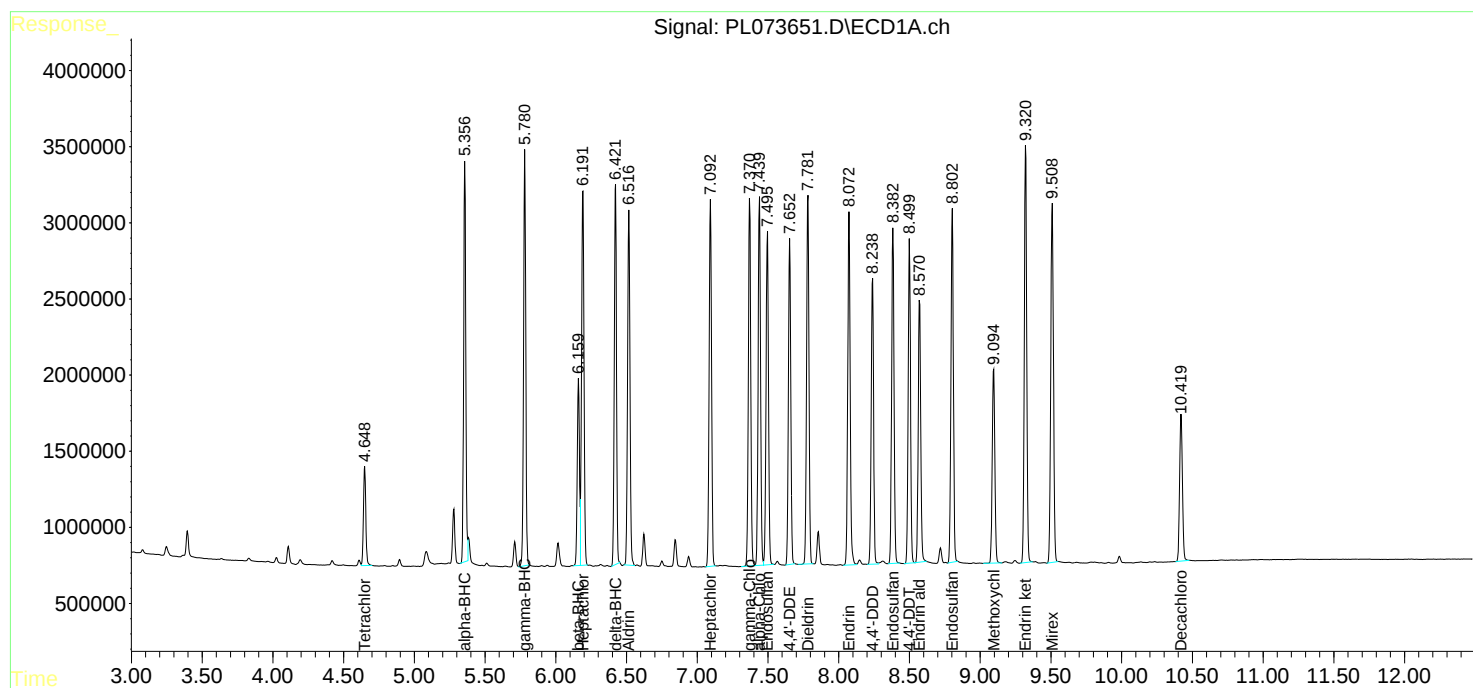
Instrument :
 ECD_L
 ClientSampleId :
 MHAMS

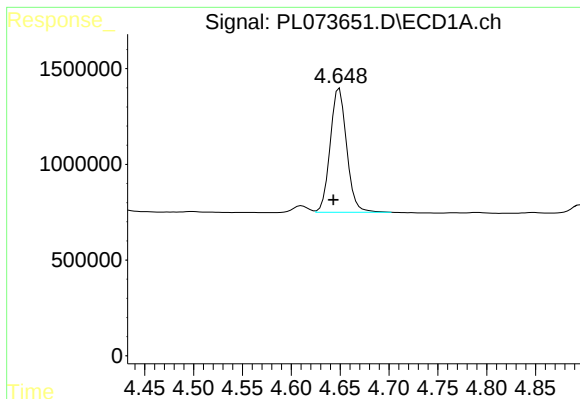
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:22:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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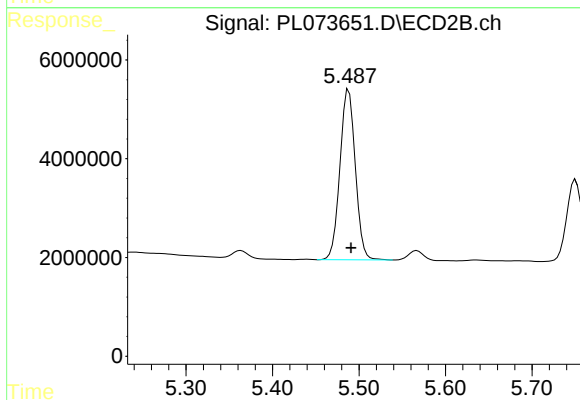
#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: 0.006 min
Response: 7621053
Conc: 23.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

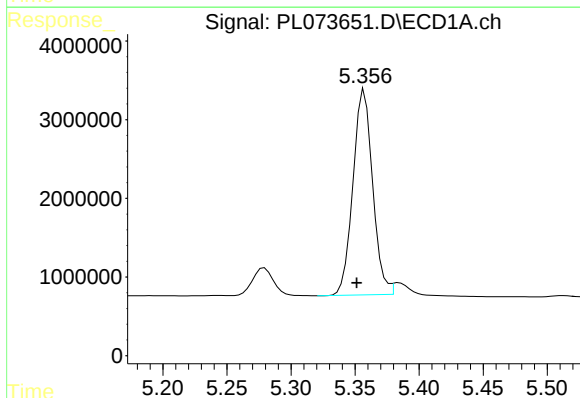
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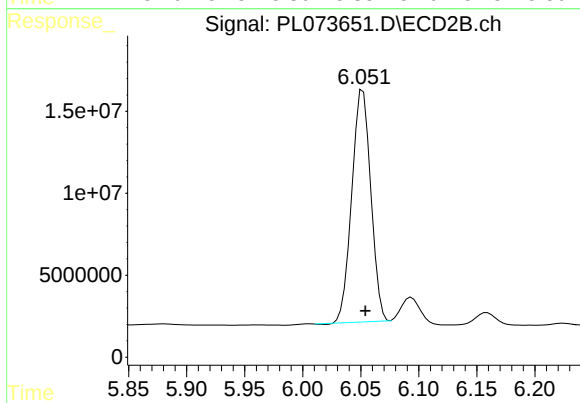
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 42390355
Conc: 25.83 ng/ml



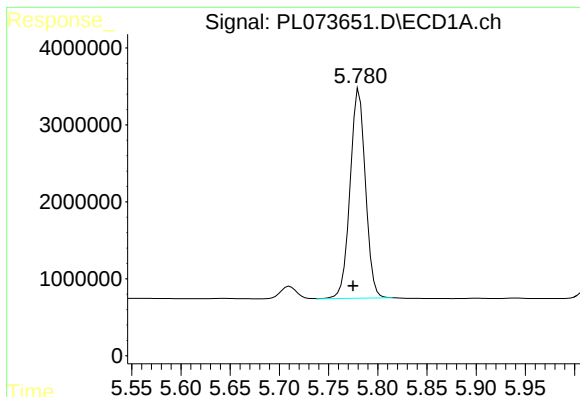
#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.006 min
Response: 27839905
Conc: 67.54 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 161021481
Conc: 71.58 ng/ml



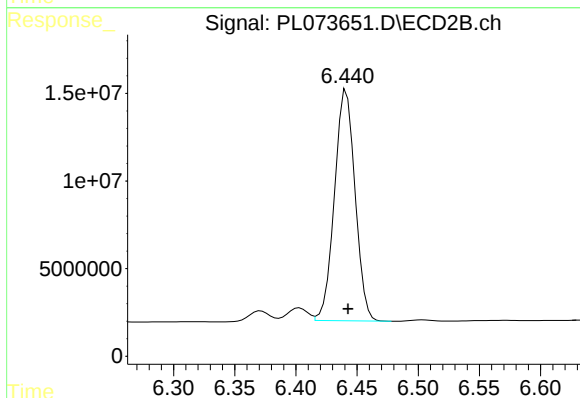
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 29507346
Conc: 70.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

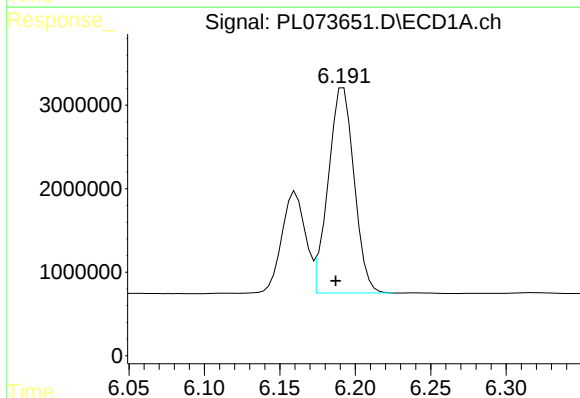
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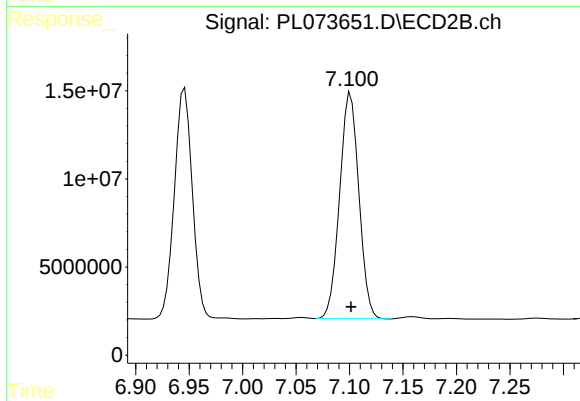
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 154321694
Conc: 72.28 ng/ml m



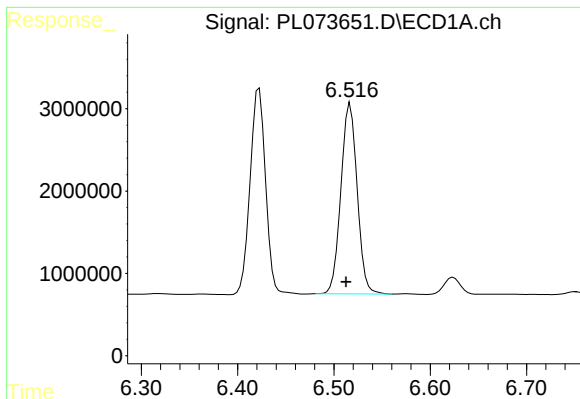
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 29374757
Conc: 65.10 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 160583687
Conc: 68.53 ng/ml



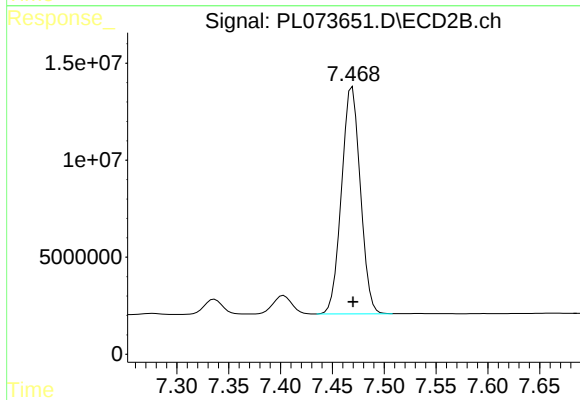
#5 Aldrin

R.T.: 6.517 min
Delta R.T.: 0.004 min
Response: 27058032
Conc: 65.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

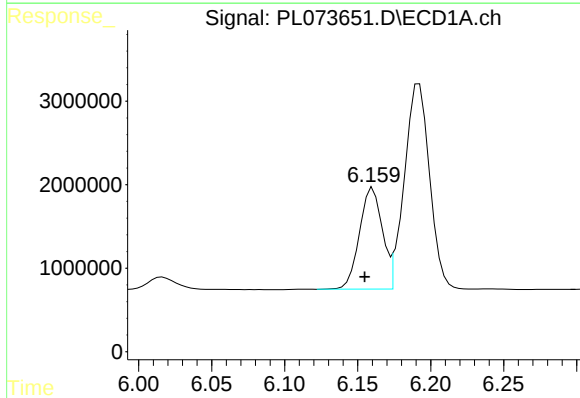
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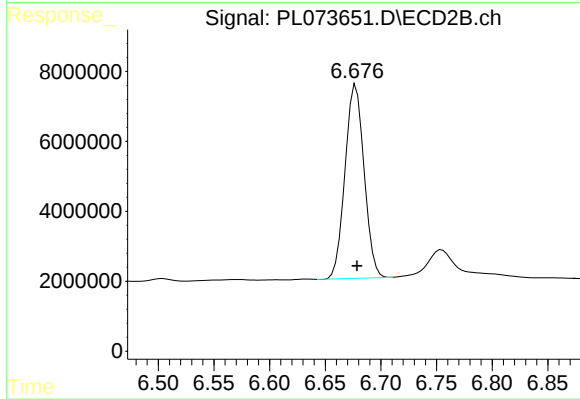
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 147979696
Conc: 70.64 ng/ml m



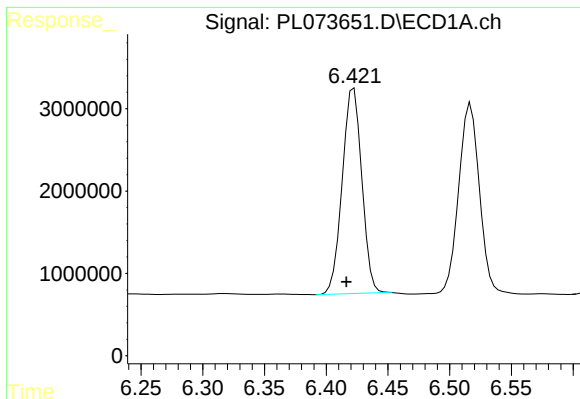
#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.006 min
Response: 13248413
Conc: 64.35 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 66062966
Conc: 63.38 ng/ml



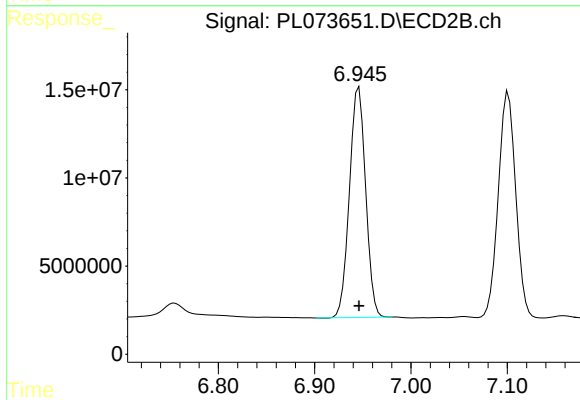
#7 delta-BHC

R.T.: 6.422 min
Delta R.T.: 0.006 min
Response: 27460438
Conc: 68.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

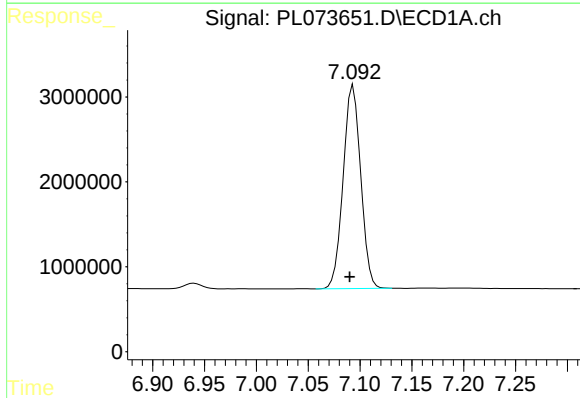
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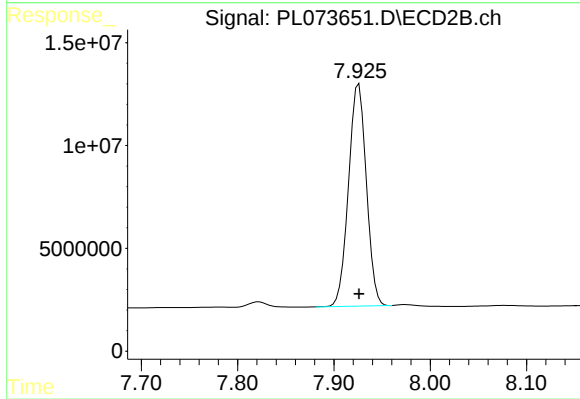
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 152059170
Conc: 70.61 ng/ml



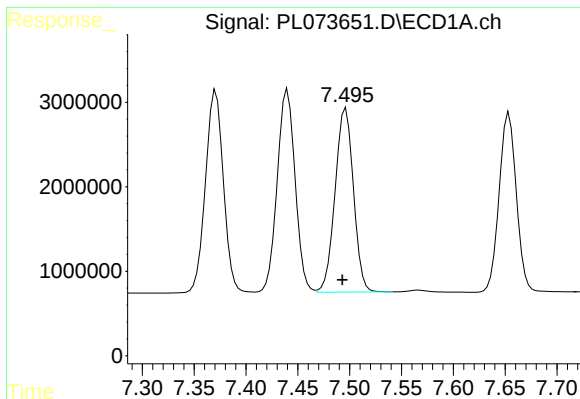
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 28227546
Conc: 65.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 138503793
Conc: 69.35 ng/ml



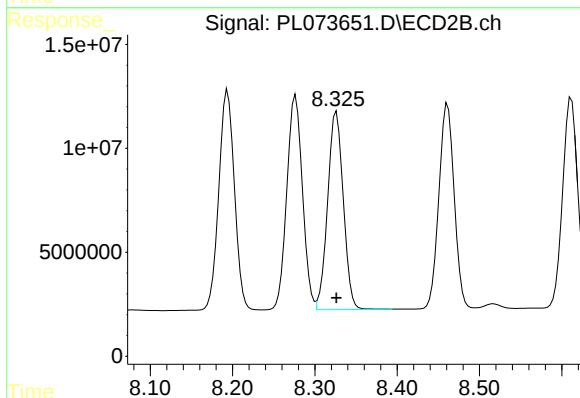
#9 Endosulfan I

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 26828787
Conc: 65.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

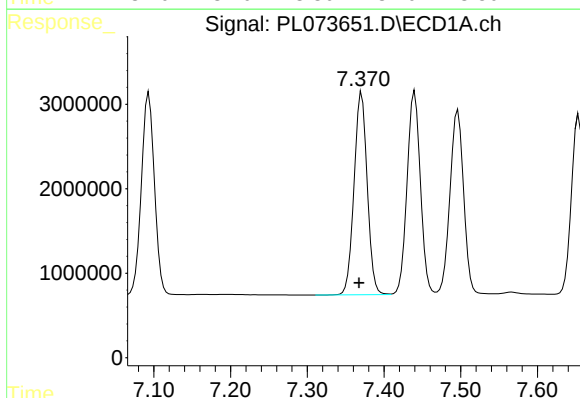
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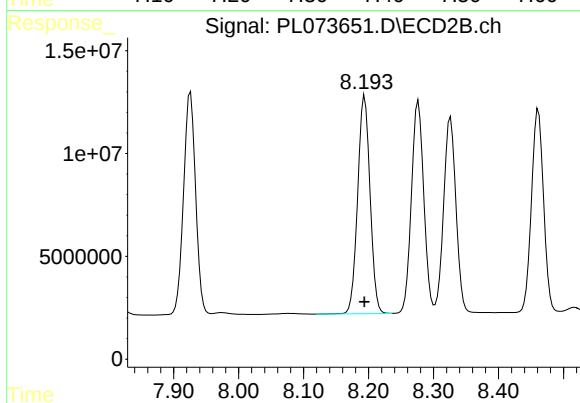
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 125884970
Conc: 68.96 ng/ml



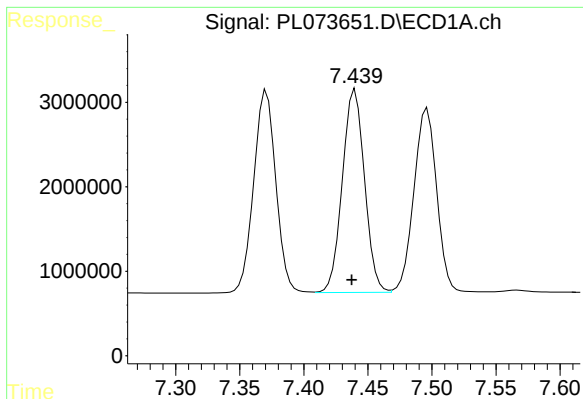
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.003 min
Response: 28809164
Conc: 65.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 139883103
Conc: 68.49 ng/ml



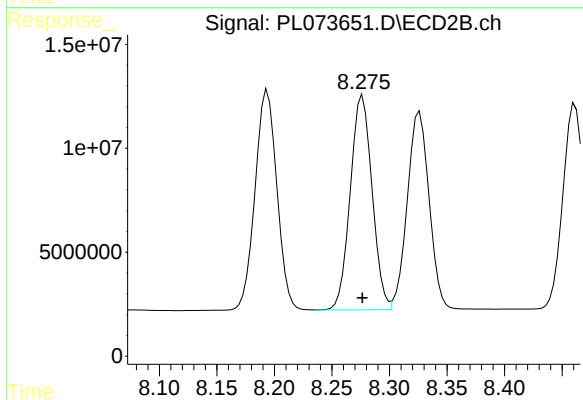
#11 alpha-Chlordane

R.T.: 7.440 min
Delta R.T.: 0.003 min
Response: 28917238
Conc: 65.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

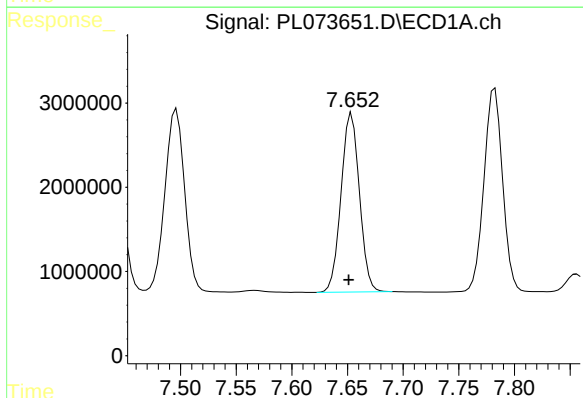
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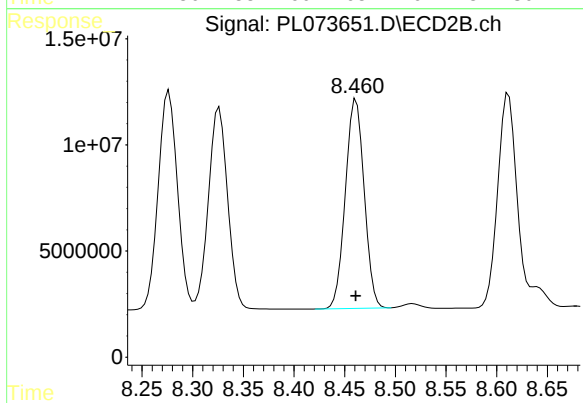
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 136733422
Conc: 68.37 ng/ml



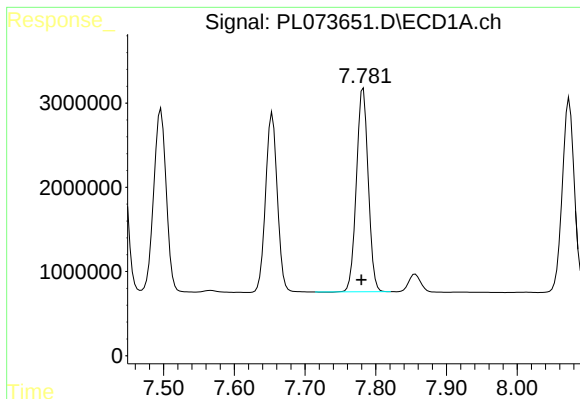
#12 4,4'-DDE

R.T.: 7.654 min
Delta R.T.: 0.003 min
Response: 24399647
Conc: 68.00 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 127122082
Conc: 70.92 ng/ml



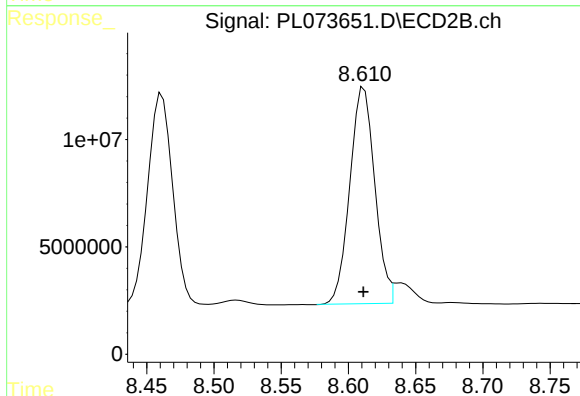
#13 Dieldrin

R.T.: 7.782 min
Delta R.T.: 0.003 min
Response: 28119013
Conc: 67.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

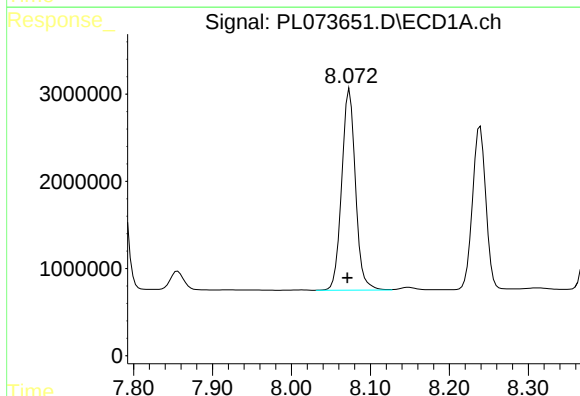
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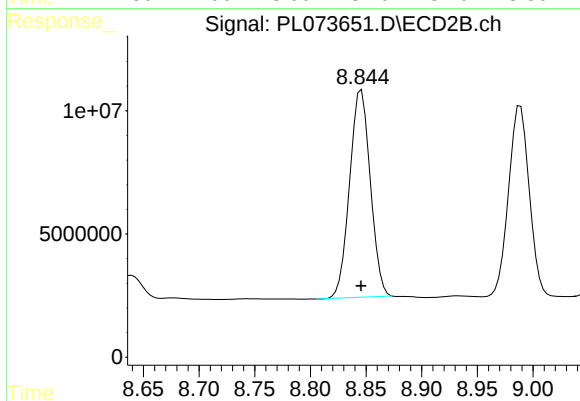
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 132047977
Conc: 71.58 ng/ml m



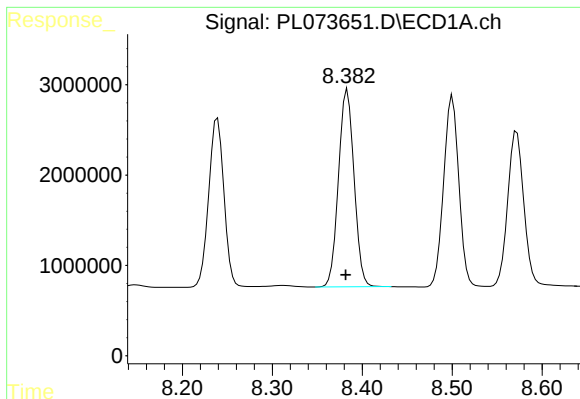
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.003 min
Response: 27912924
Conc: 71.94 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 109237011
Conc: 70.96 ng/ml



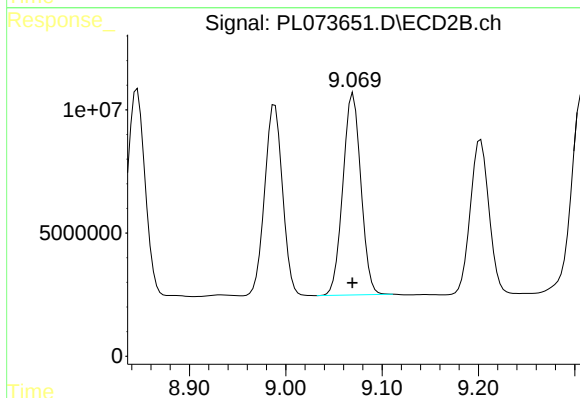
#15 Endosulfan II

R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 26293293
Conc: 67.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

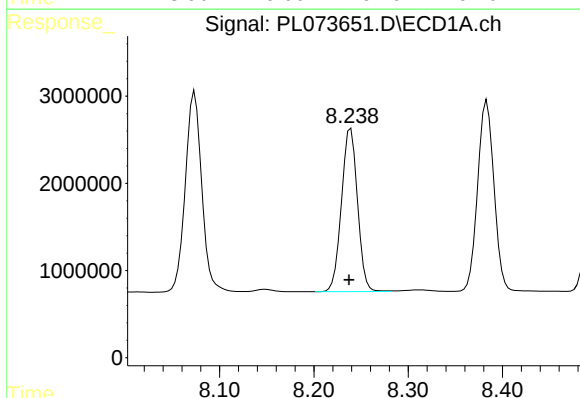
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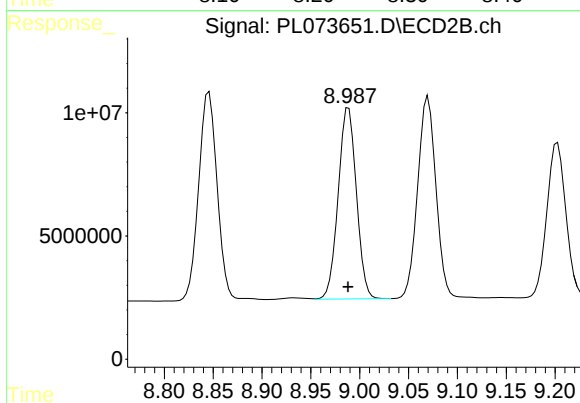
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 106032629
Conc: 69.04 ng/ml



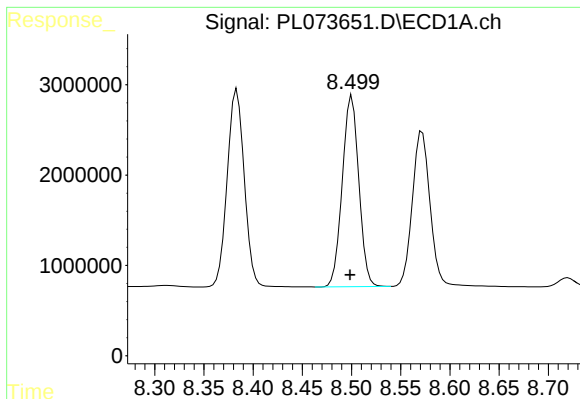
#16 4,4'-DDD

R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 22116524
Conc: 68.11 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 100724039
Conc: 69.00 ng/ml



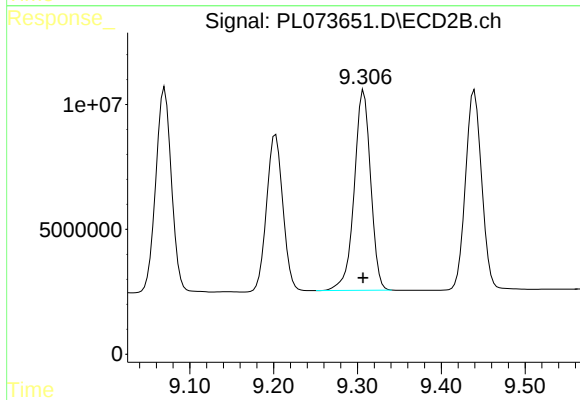
#17 4,4'-DDT

R.T.: 8.500 min
Delta R.T.: 0.002 min
Response: 24709756
Conc: 65.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

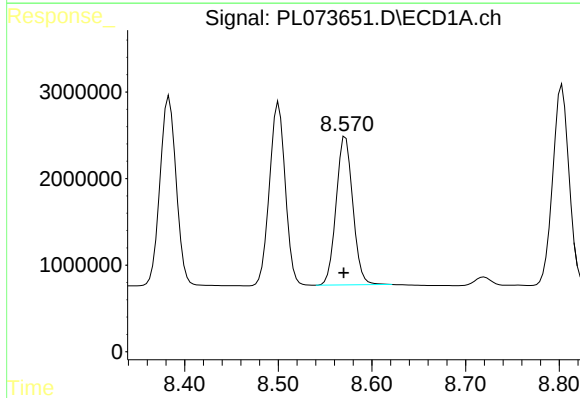
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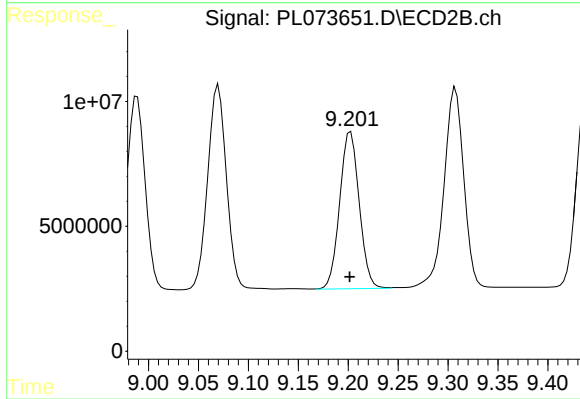
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 109112807
Conc: 66.75 ng/ml



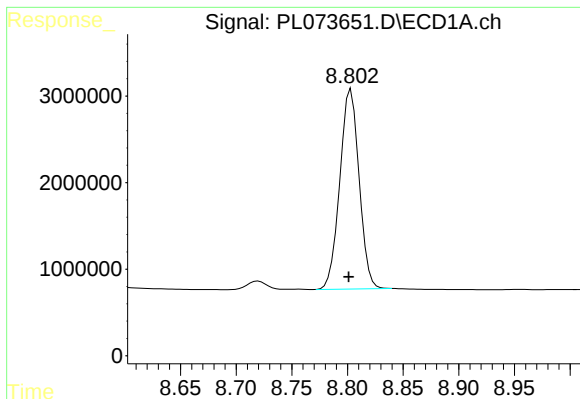
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 21256477
Conc: 67.21 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 85556847
Conc: 69.77 ng/ml m



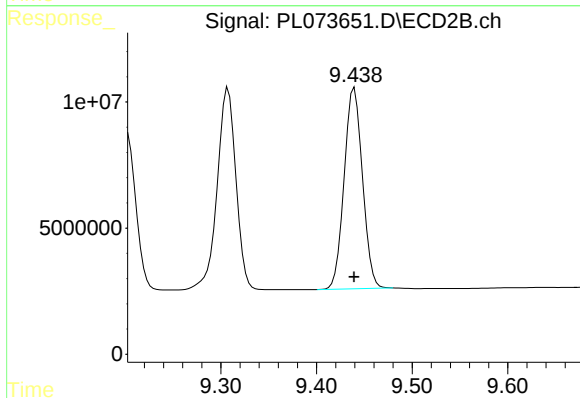
#19 Endosulfan Sulfate

R.T.: 8.803 min
Delta R.T.: 0.002 min
Response: 27848262
Conc: 65.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

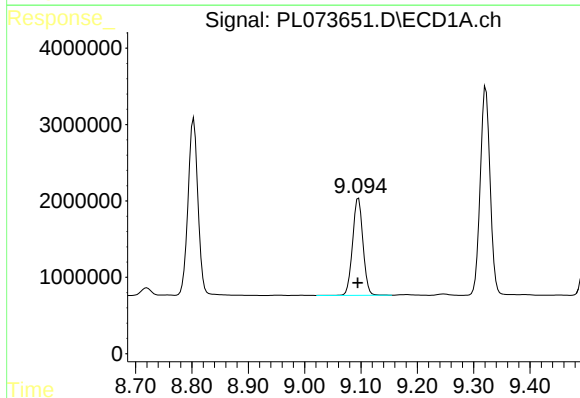
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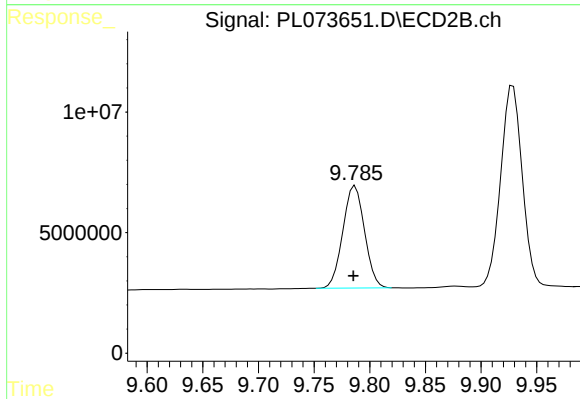
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 106490876
Conc: 67.57 ng/ml



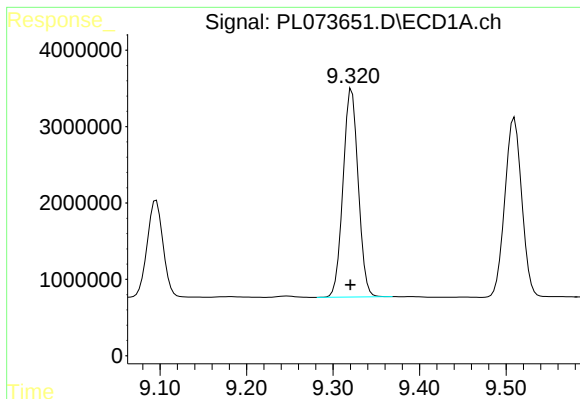
#20 Methoxychlor

R.T.: 9.096 min
Delta R.T.: 0.001 min
Response: 16247251
Conc: 63.33 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 57573758
Conc: 63.89 ng/ml



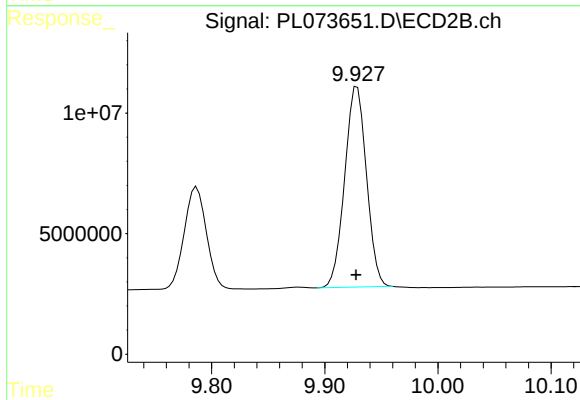
#21 Endrin ketone

R.T.: 9.322 min
Delta R.T.: 0.001 min
Response: 32987096
Conc: 67.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

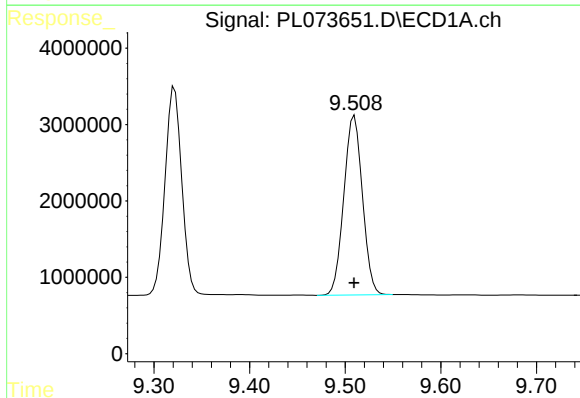
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Supervised By :mohammad ahmed 03/25/2022



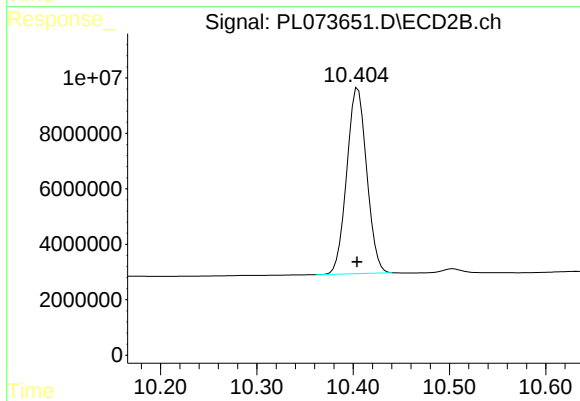
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 111297557
Conc: 67.43 ng/ml



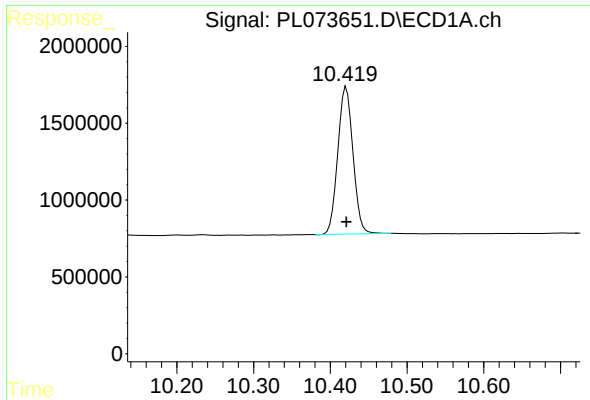
#22 Mirex

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 31788336
Conc: 67.41 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 96261061
Conc: 70.86 ng/ml



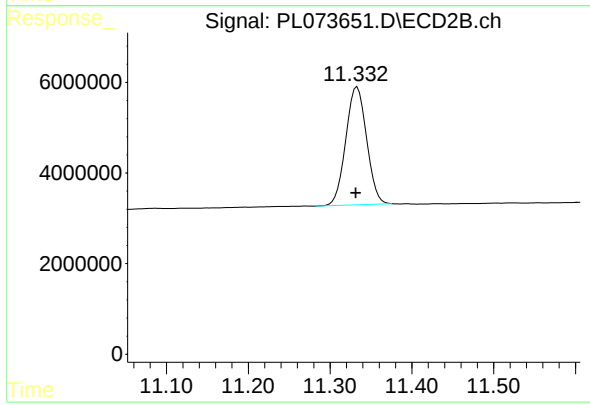
#28 Decachlorobiphenyl

R.T.: 10.421 min
Delta R.T.: 0.000 min
Response: 13202810
Conc: 25.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHAMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2022
Supervised By :mohammad ahmed 03/25/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 45924016
Conc: 25.68 ng/ml