

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042924\
 Data File : PD082649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 12:17
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 14:40:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 14:25:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.565	2.776	8135427	20730409	5.344	5.429
28) SA Decachlor...	9.119	7.906	11029073	21211416	5.648	5.550
Target Compounds						
2) A alpha-BHC	4.021	3.276	12649499	30650776	4.749m	5.081
3) MA gamma-BHC...	4.356	3.603	12929153	30939047	5.010	5.288m
4) MA Heptachlor	4.949	3.942	12546525	27002009	5.011	5.047m
5) MB Aldrin	5.292	4.223	12448946	29123152	4.906	5.183
6) B beta-BHC	4.552	3.900	5314640	12878621	5.193	5.532
7) B delta-BHC	4.799	4.130	11726294	28873229	4.701m	5.063
8) B Heptachlo...	5.720	4.724	12380670	27354197	5.417	5.386
9) A Endosulfan I	6.108	5.094	11394671	23824258	5.361	5.254
10) B gamma-Chl...	5.976	4.974	11692298	25658157	5.221	5.184
11) B alpha-Chl...	6.056	5.038	11765237	25818076	5.309	5.260
12) B 4,4'-DDE	6.229	5.226	11078356	23480846	5.189	5.101
13) MA Dieldrin	6.383	5.357	10982832	25509858	5.033	5.131
14) MA Endrin	6.614	5.633	9278052	22685786	5.090	5.217
15) B Endosulfa...	6.834	5.926	10582436	21775448	5.585	5.272
16) A 4,4'-DDD	6.747	5.780	7589800	18896372	4.884	5.118
17) MA 4,4'-DDT	7.062	6.031	7908249	18090987	4.821	4.746
18) B Endrin al...	6.964	6.105	7846059	18343409	5.636	5.766
19) B Endosulfa...	7.199	6.328	9195221	20890441	5.375	5.291
20) A Methoxychlor	7.538	6.606	4658455	11170959	5.267	5.393
21) B Endrin ke...	7.685	6.833	9706976	24000728	5.231	5.301
22) Mirex	8.162	7.015	8439388	19805518	5.743	5.616

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042924\
Data File : PD082649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 12:17
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

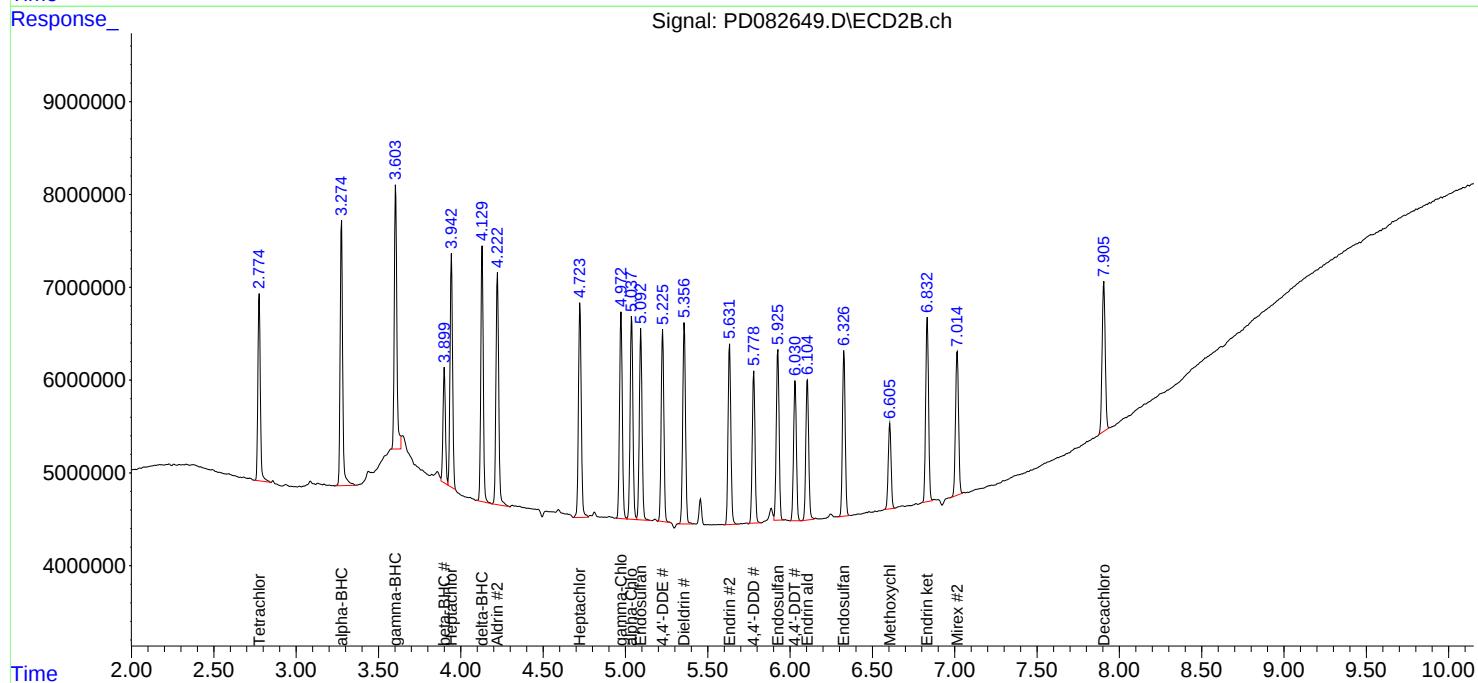
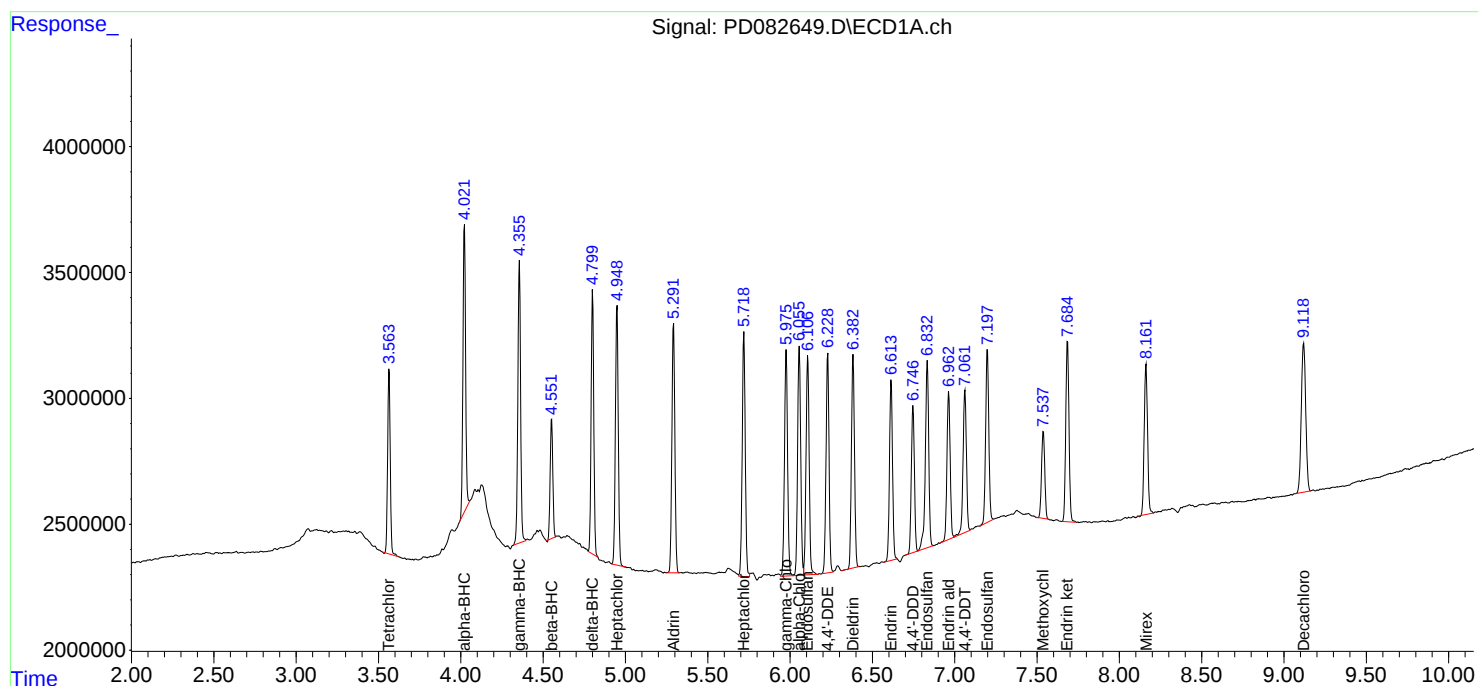
APPROVED

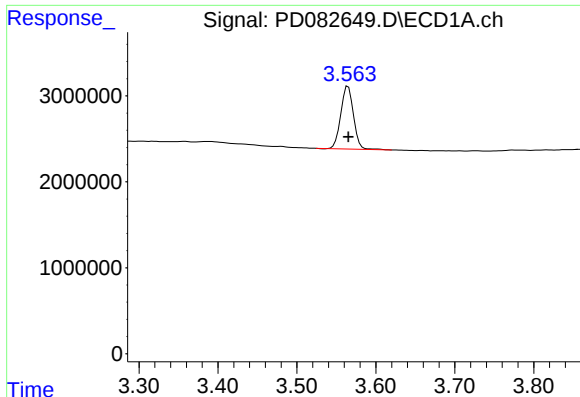
Reviewed By :Abdul Mirza 04/30/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 14:40:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 14:25:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





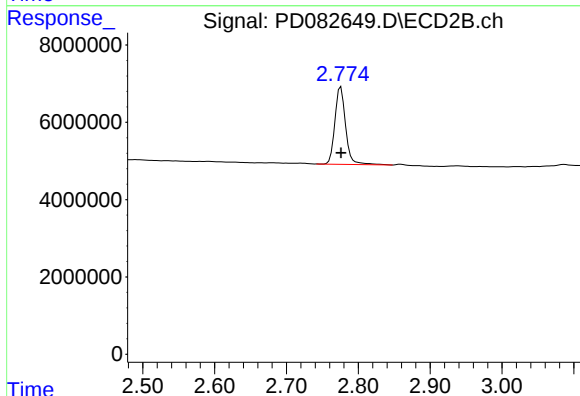
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 8135427
Conc: 5.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

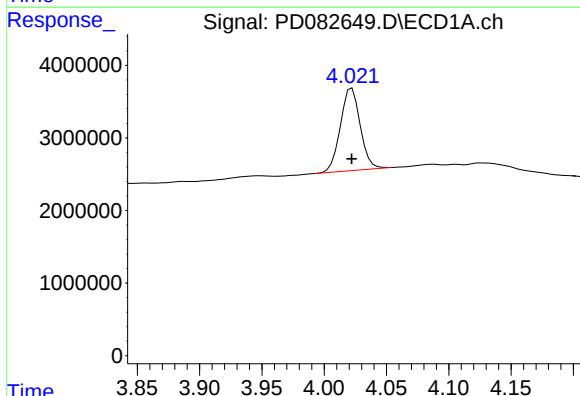
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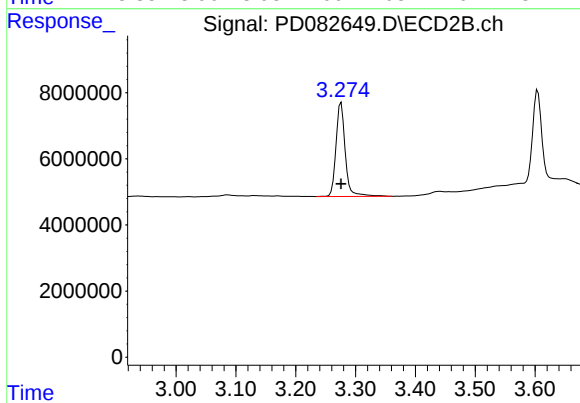
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 20730409
Conc: 5.43 ng/ml



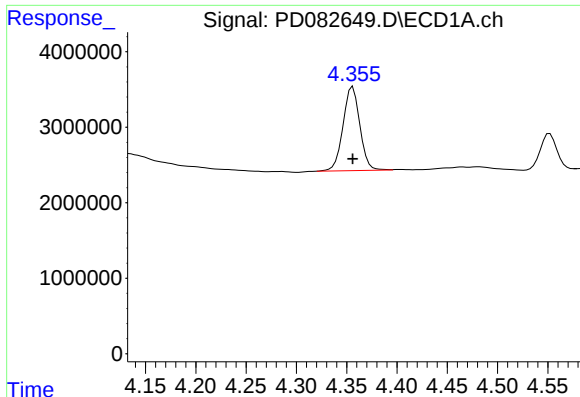
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 12649499
Conc: 4.75 ng/ml m



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 30650776
Conc: 5.08 ng/ml



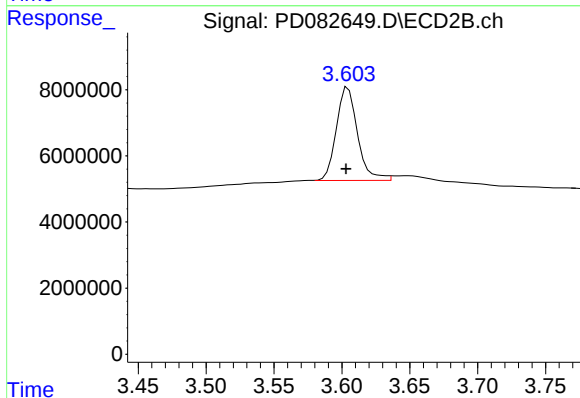
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 12929153
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

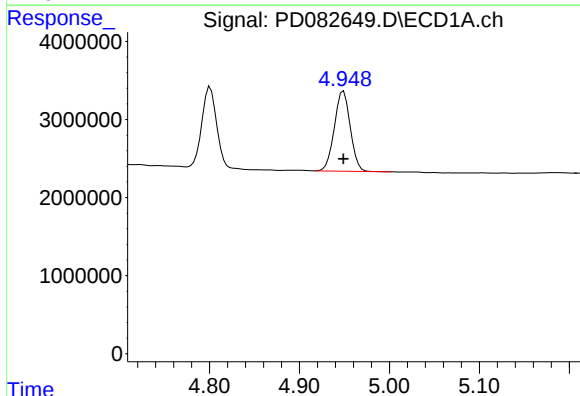
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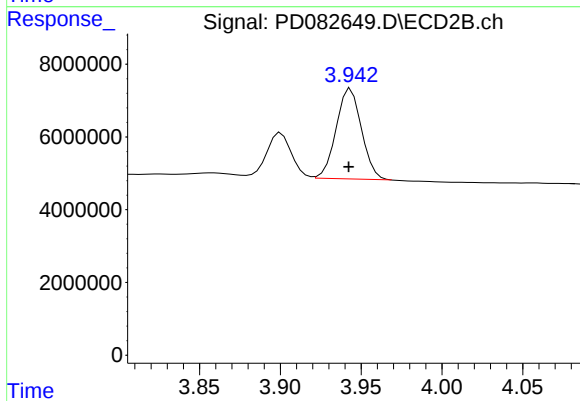
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 30939047
Conc: 5.29 ng/ml m



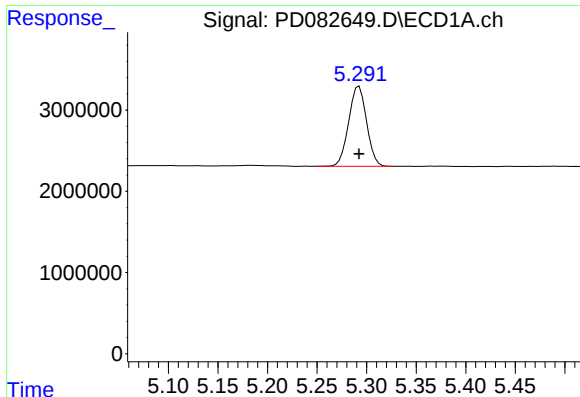
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 12546525
Conc: 5.01 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 27002009
Conc: 5.05 ng/ml m



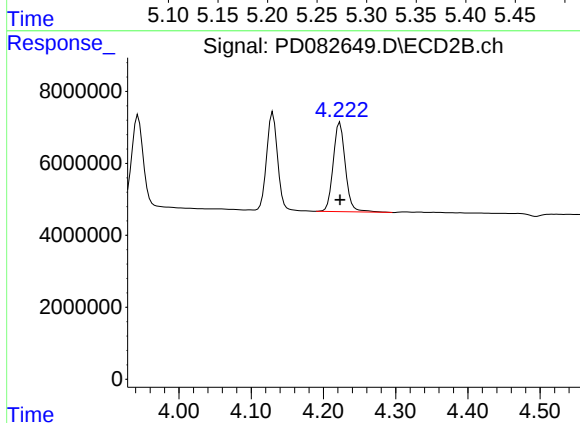
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 12448946
Conc: 4.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

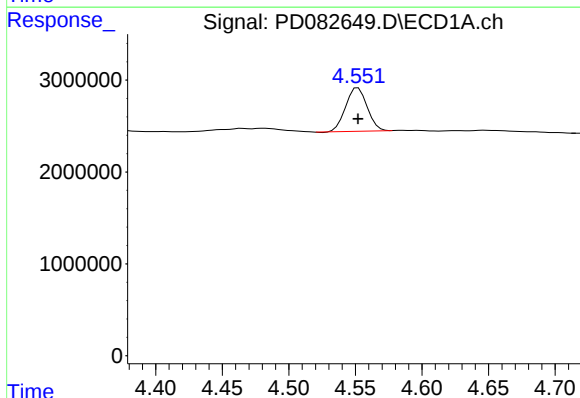
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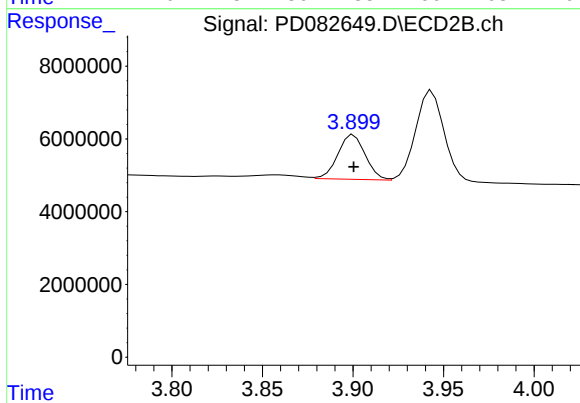
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 29123152
Conc: 5.18 ng/ml



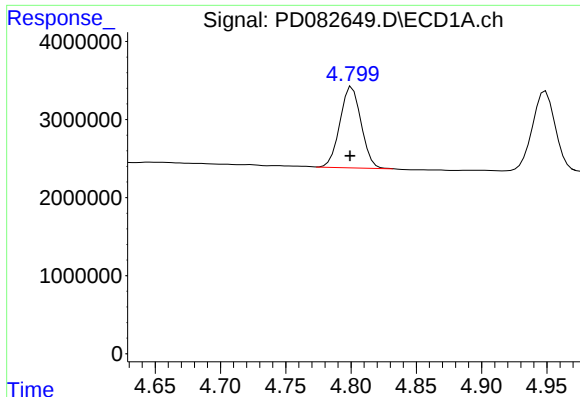
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 5314640
Conc: 5.19 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 12878621
Conc: 5.53 ng/ml



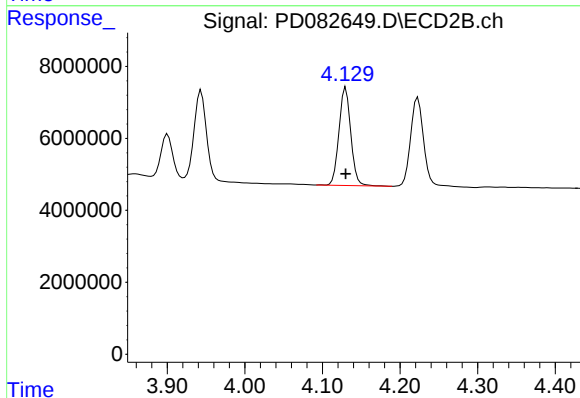
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 11726294
Conc: 4.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

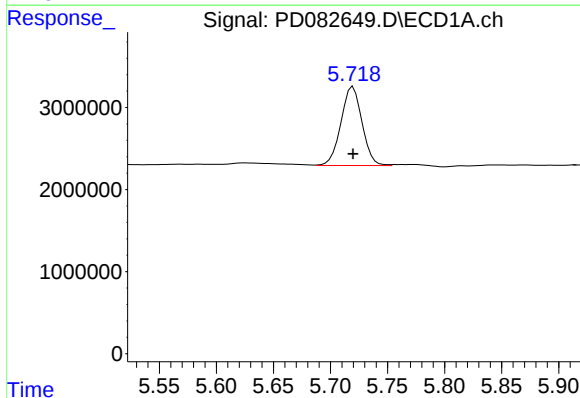
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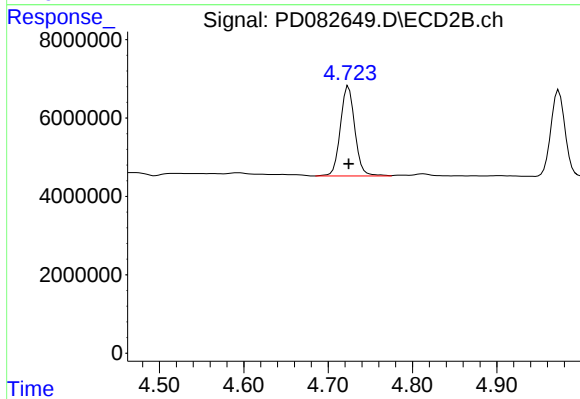
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 28873229
Conc: 5.06 ng/ml



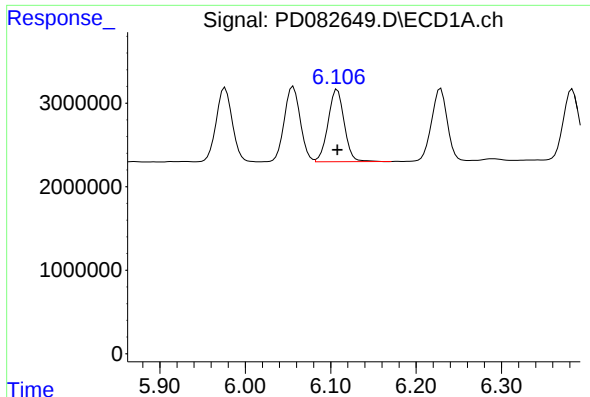
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 12380670
Conc: 5.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 27354197
Conc: 5.39 ng/ml



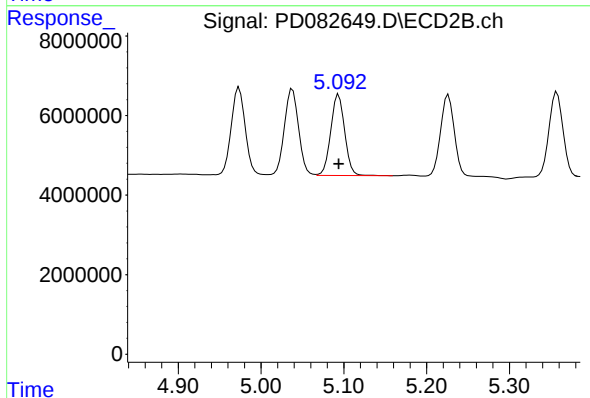
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 11394671
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

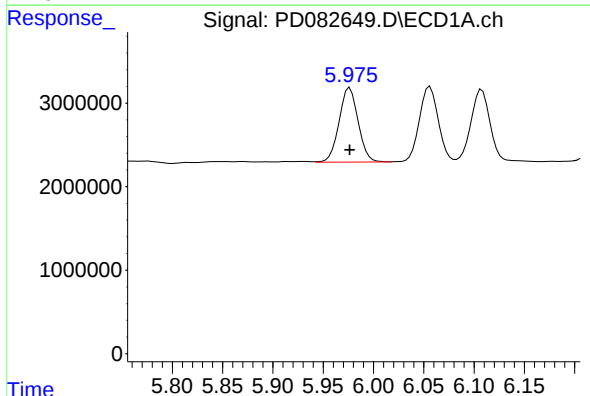
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Supervised By :mohammad ahmed 05/02/2024



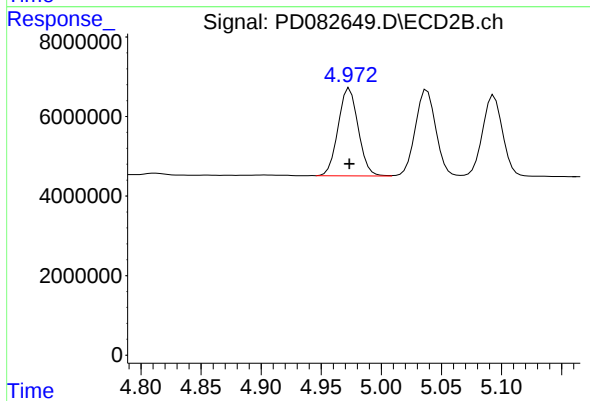
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 23824258
Conc: 5.25 ng/ml



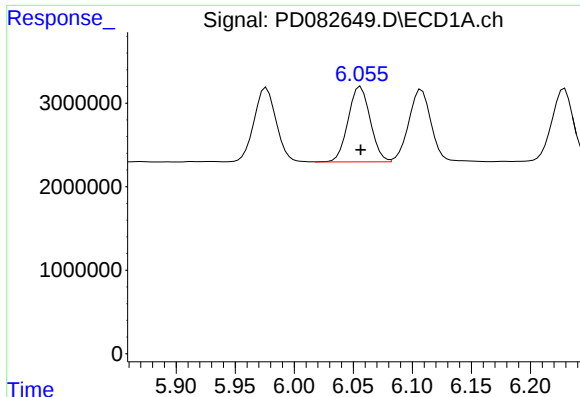
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 11692298
Conc: 5.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 25658157
Conc: 5.18 ng/ml



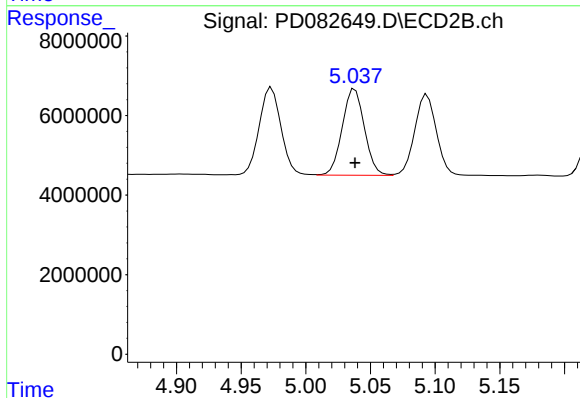
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 11765237
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

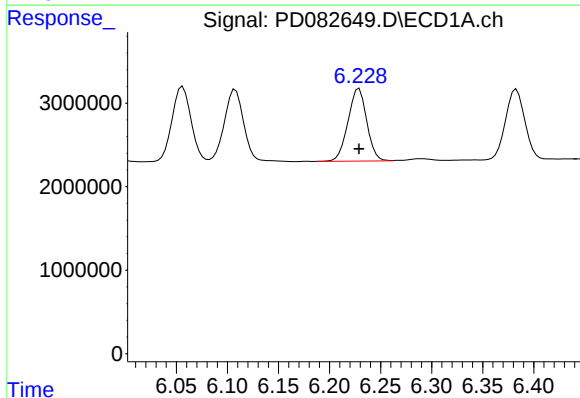
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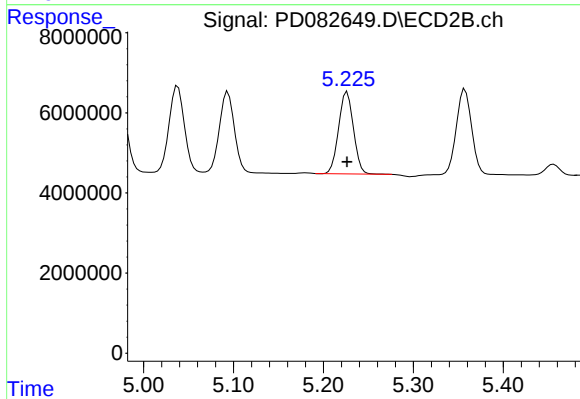
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 25818076
Conc: 5.26 ng/ml



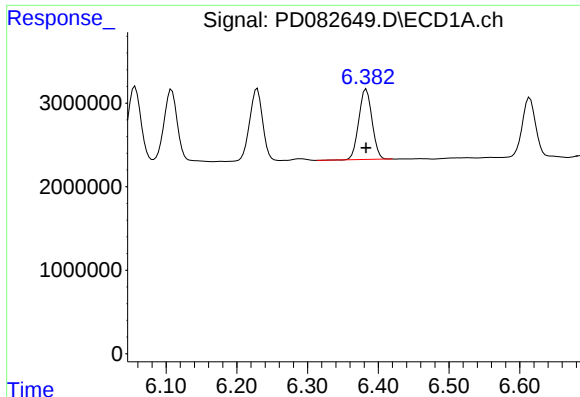
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 11078356
Conc: 5.19 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 23480846
Conc: 5.10 ng/ml



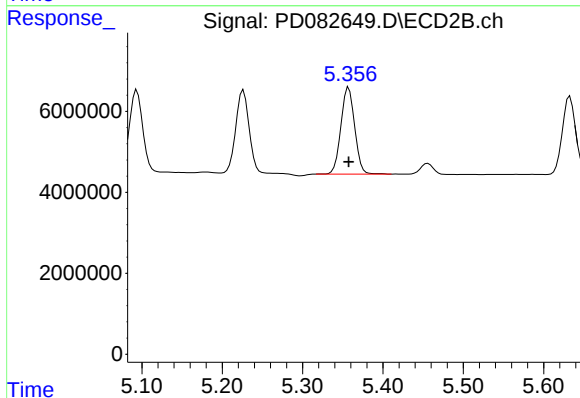
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 10982832
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

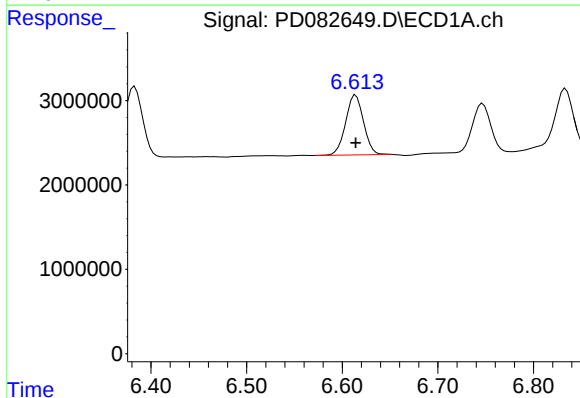
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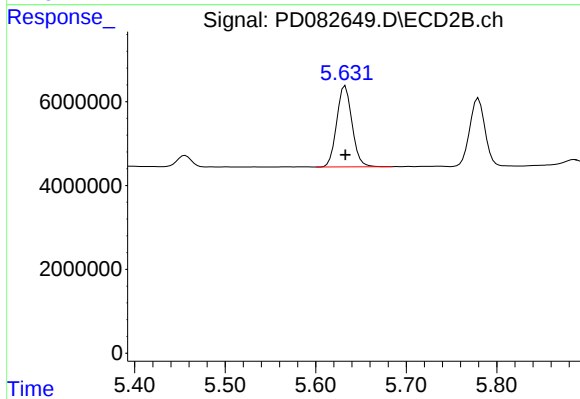
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 25509858
Conc: 5.13 ng/ml



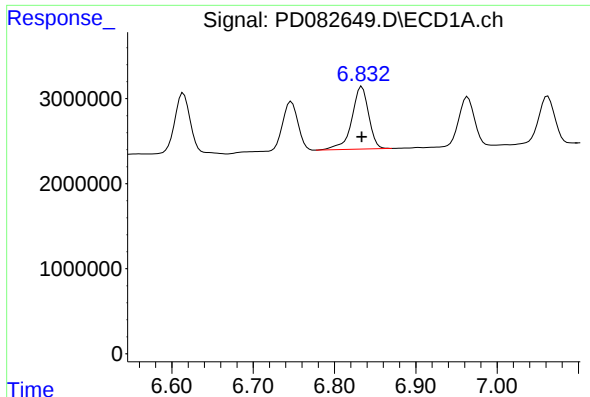
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 9278052
Conc: 5.09 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 22685786
Conc: 5.22 ng/ml



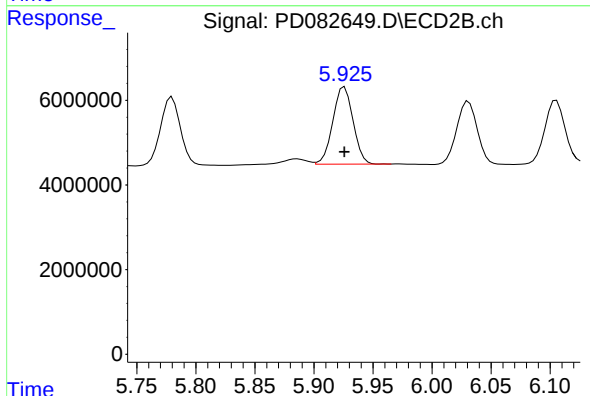
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 10582436
Conc: 5.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

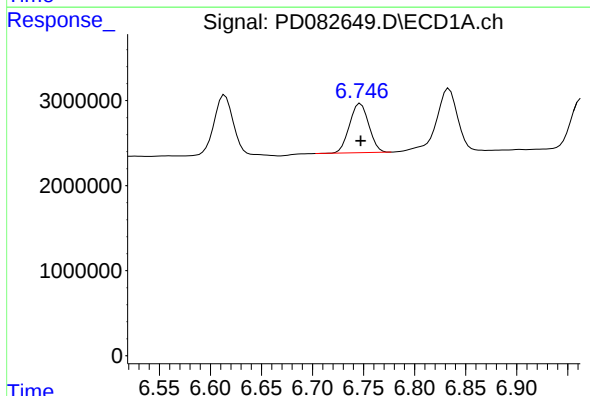
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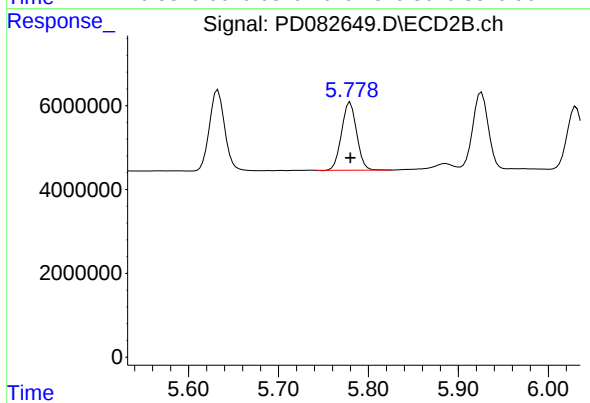
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 21775448
Conc: 5.27 ng/ml



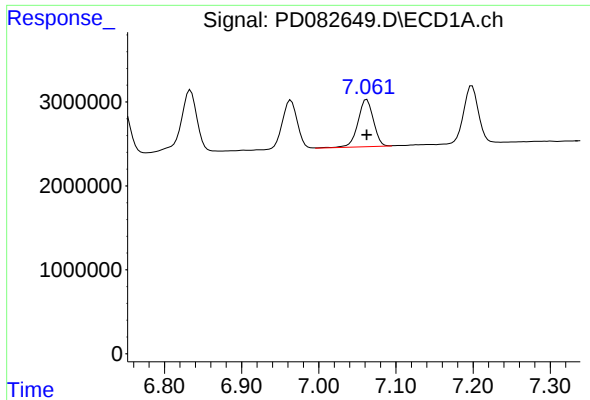
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 7589800
Conc: 4.88 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 18896372
Conc: 5.12 ng/ml



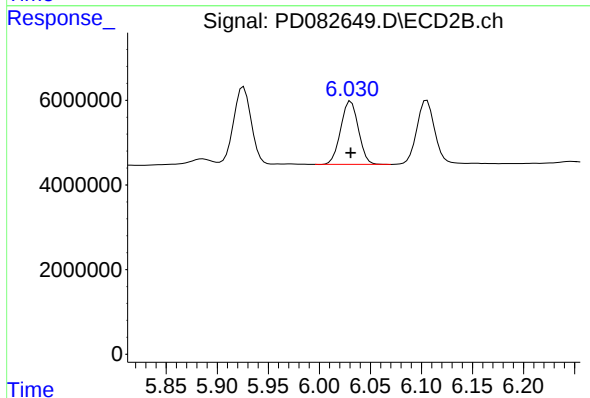
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 7908249
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

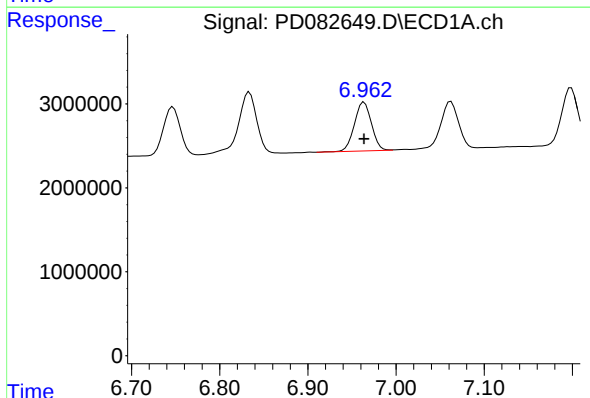
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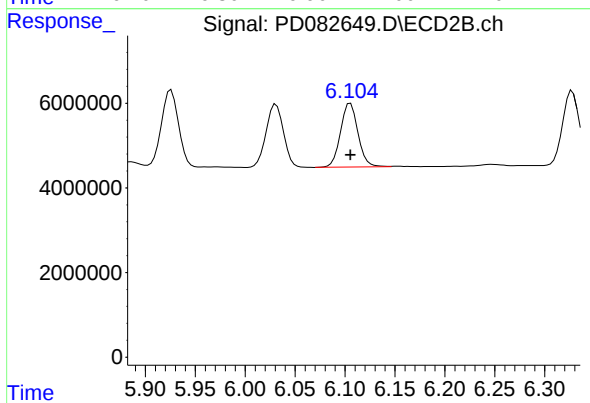
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 18090987
Conc: 4.75 ng/ml



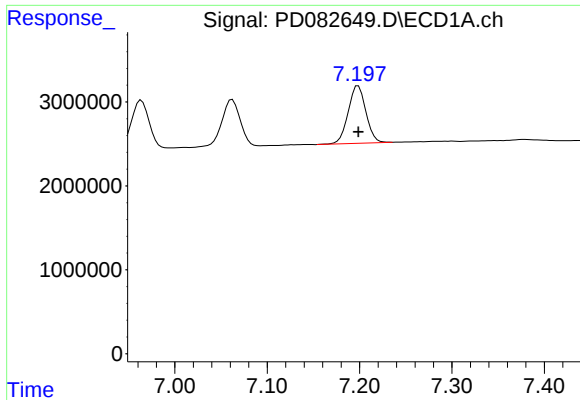
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 7846059
Conc: 5.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 18343409
Conc: 5.77 ng/ml



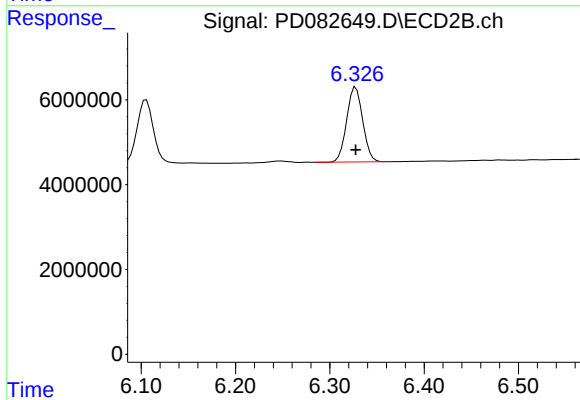
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 9195221
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

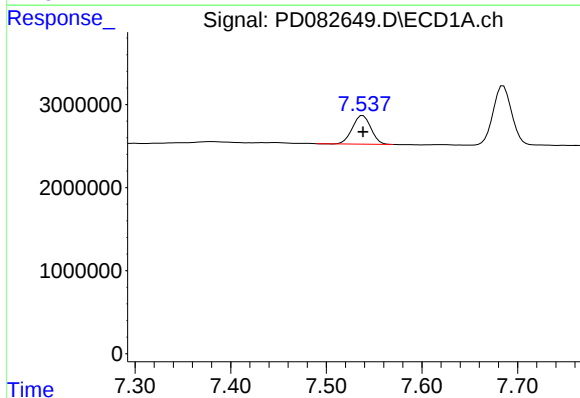
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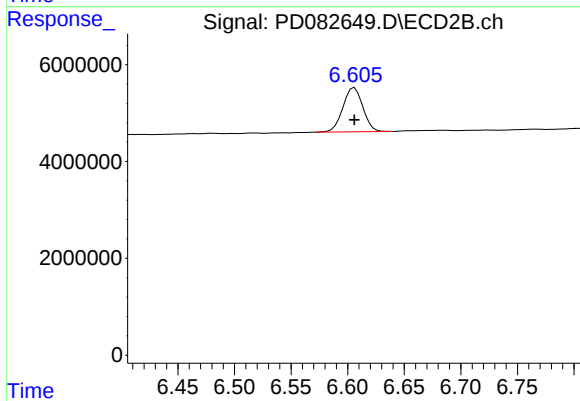
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 20890441
Conc: 5.29 ng/ml



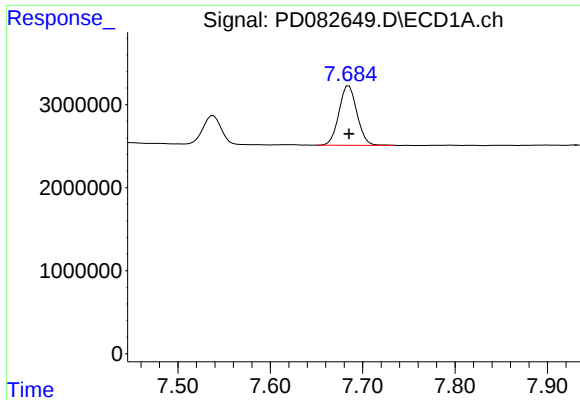
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 4658455
Conc: 5.27 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 11170959
Conc: 5.39 ng/ml



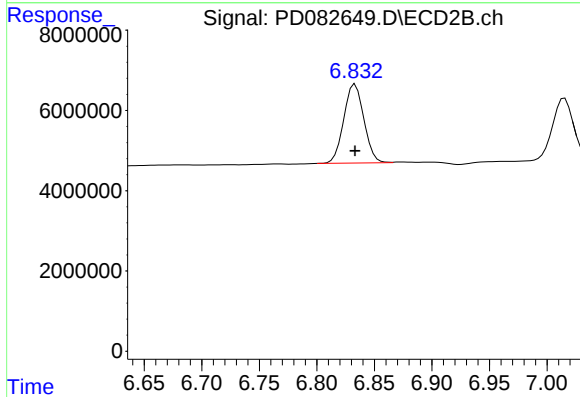
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 9706976
Conc: 5.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

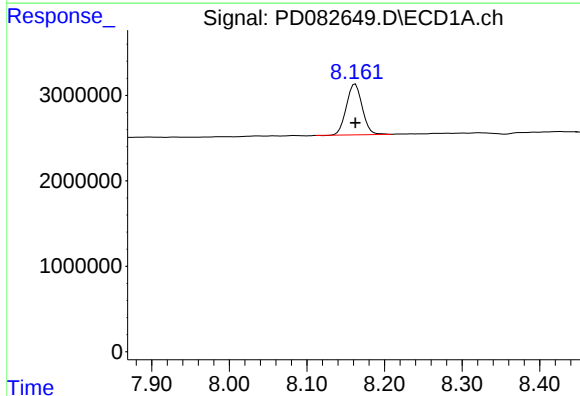
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



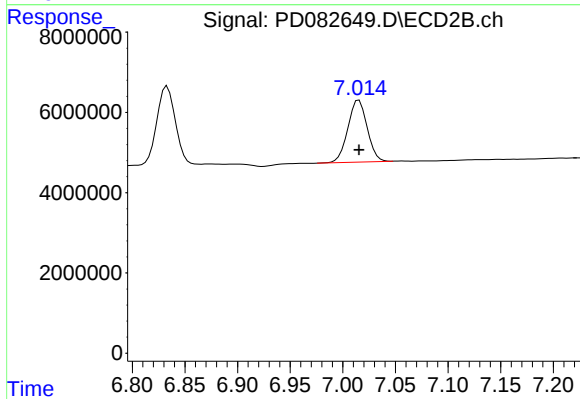
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 2400728
Conc: 5.30 ng/ml



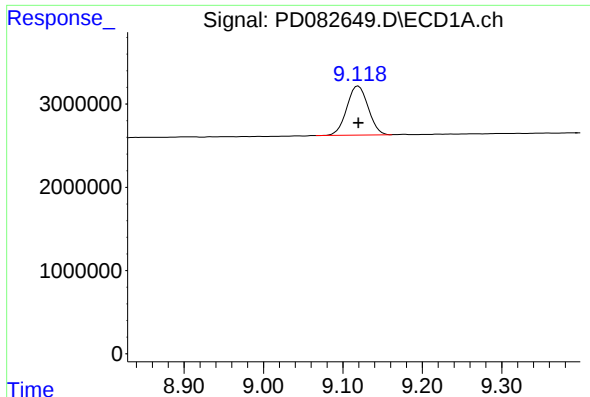
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 8439388
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 19805518
Conc: 5.62 ng/ml



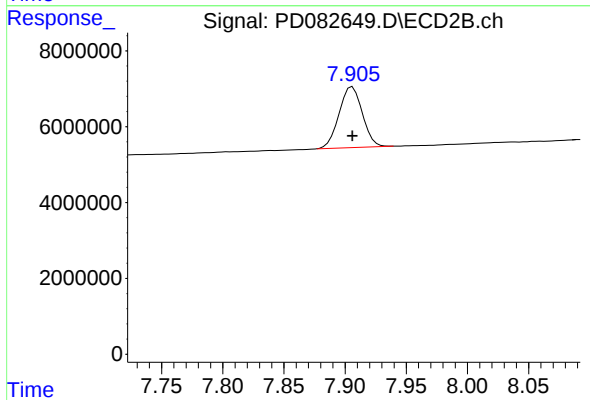
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 11029073
Conc: 5.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 21211416
Conc: 5.55 ng/ml