

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 19:17
 Operator : AR\AJ
 Sample : N2257-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:09:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.637	5.490	6341071	28787691	19.625	16.146
2) SA Decachlor...	10.407	11.317f	13132863	67902131	25.254m	38.443m#
Target Compounds						
2) A alpha-BHC	5.346	6.053	20308623	109.8E6	48.393	43.611
3) MA gamma-BHC...	5.768	6.441	24606537	99910044	58.671	42.207m#
4) MA Heptachlor	6.180	7.101	19721072	97307536	43.780	37.305
5) MB Aldrin	6.505	7.469	19981287	96391011	48.142	41.042
6) B beta-BHC	6.150	6.679	9717931	44507351	47.561	39.491
7) B delta-BHC	6.411	6.946	20748719	99395951	50.157	40.698
8) B Heptachlo...	7.082	7.926	19549015	84090931	45.575	37.348
9) A Endosulfan I	7.486	8.326	15343528	78108884	37.412	39.676
10) B gamma-Chl...	7.360	8.192	24796314	110.8E6	56.537	49.692m
11) B alpha-Chl...	7.429	8.276	21582453	97802198	48.854	45.435
12) B 4,4'-DDE	7.644	8.460	18507621	74715338	50.731	37.513m#
13) MA Dieldrin	7.774	8.611	25271051	86183337	58.829	42.978 #
14) MA Endrin	8.063	8.846	20171778	76625021	49.656	45.242
15) B Endosulfa...	8.375	9.069	19310165	64583451	46.851	37.176
16) A 4,4'-DDD	8.229	8.988	25366150	78773157	78.551m	51.198 #
17) MA 4,4'-DDT	8.490	9.307	18589461	73287204	50.291	41.343
18) B Endrin al...	8.563	9.202	13623857	60994987	42.107	47.224
19) B Endosulfa...	8.794	9.440	19536051	66336037	45.750	39.858
20) A Methoxychlor	9.087	9.788	8926613	57324778	35.955	59.599 #
21) B Endrin ke...	9.313	9.928	18912214	77228213	38.711	44.616
22) Mirex	9.498	10.403	20600320	82198632	44.168m	59.676m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 19:17
 Operator : AR\AJ
 Sample : N2257-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

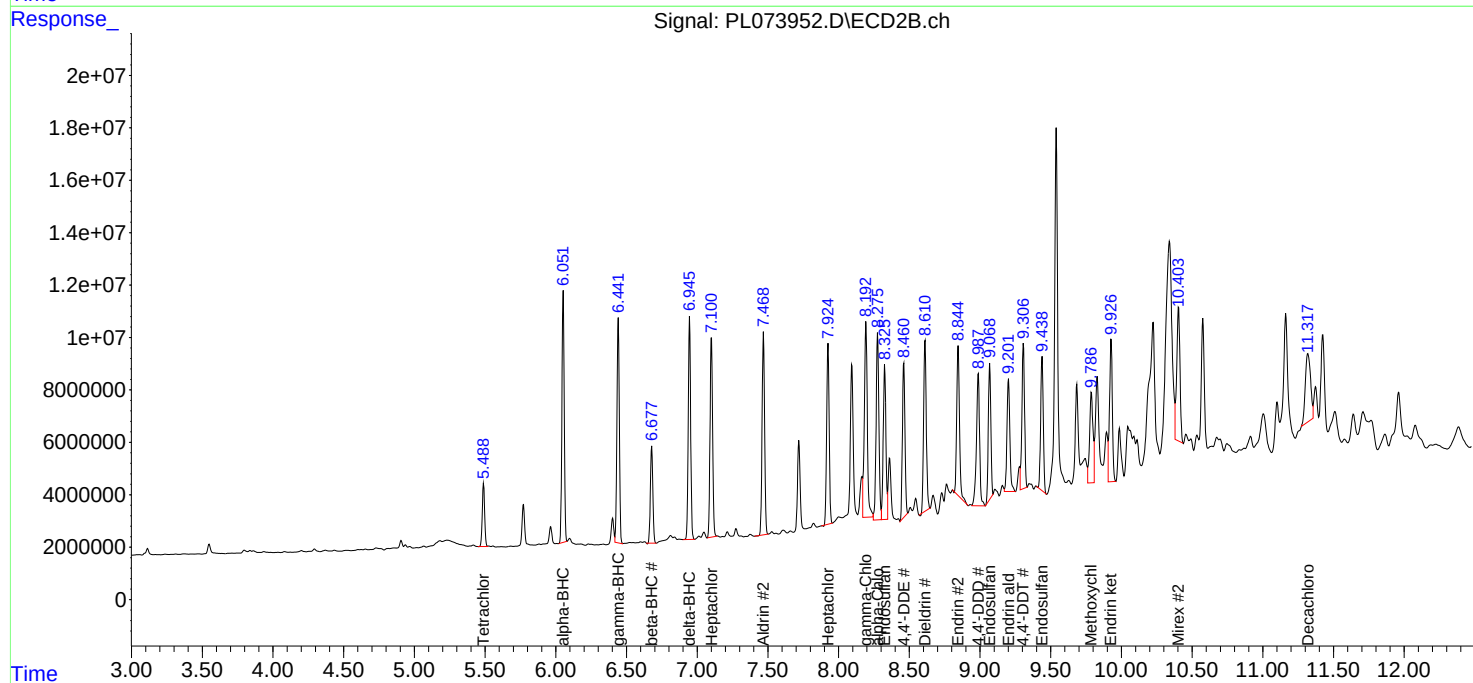
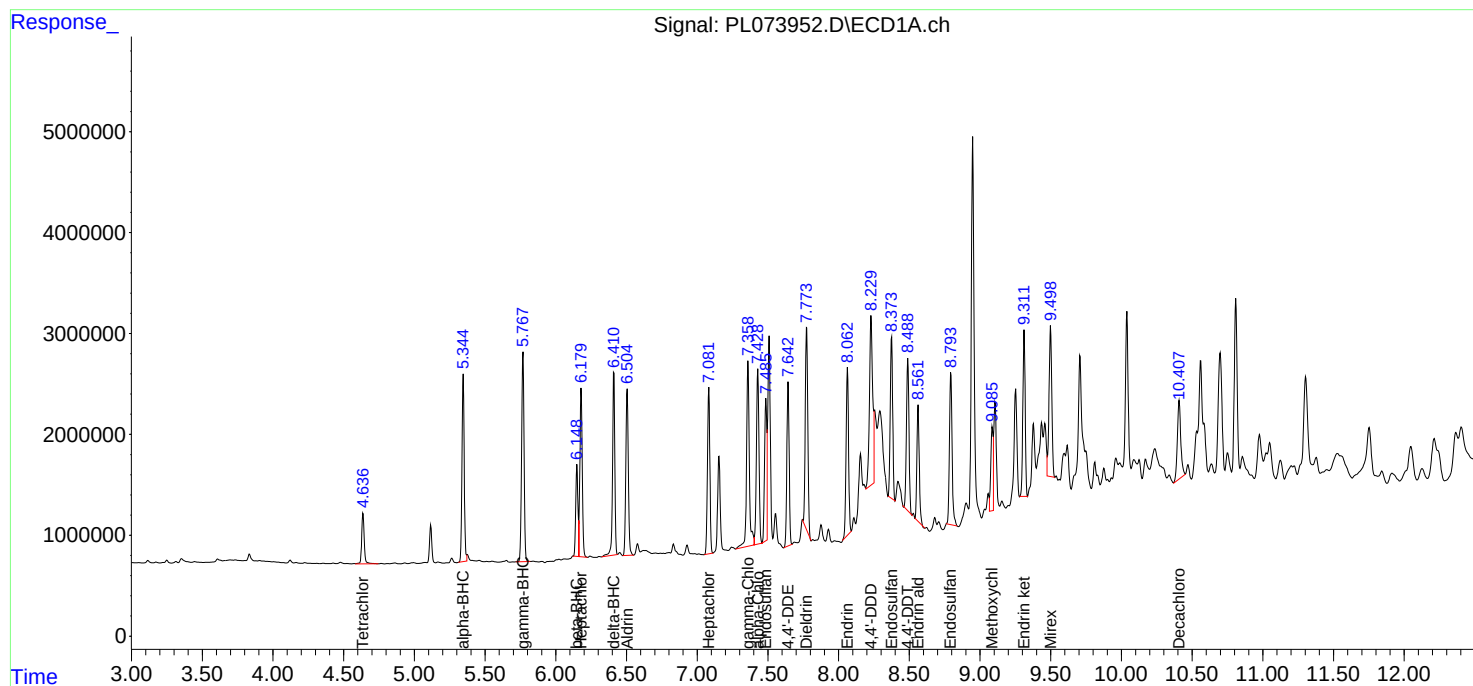
Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

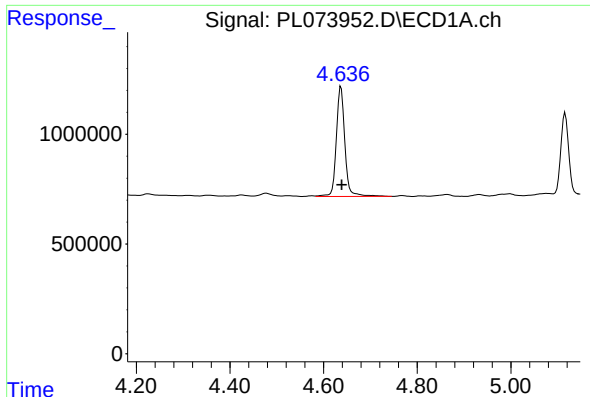
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:09:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





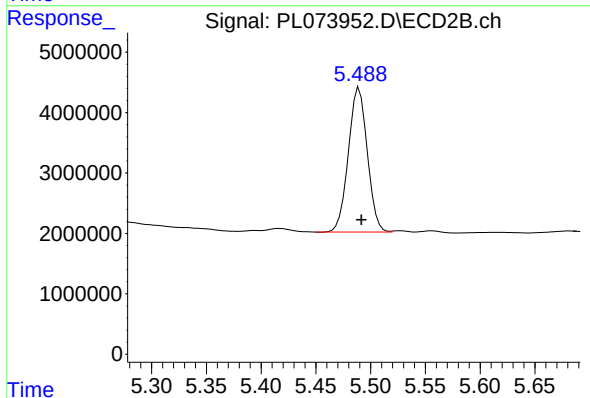
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6341071
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

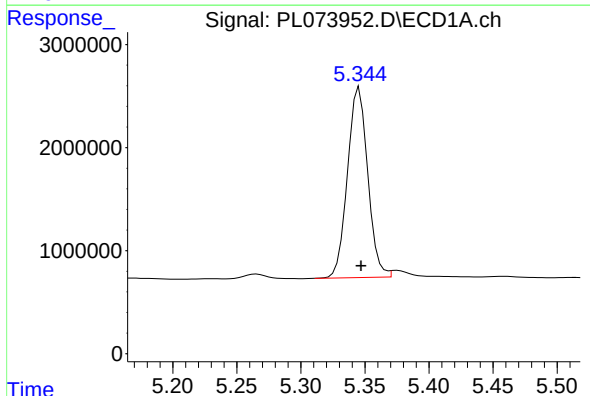
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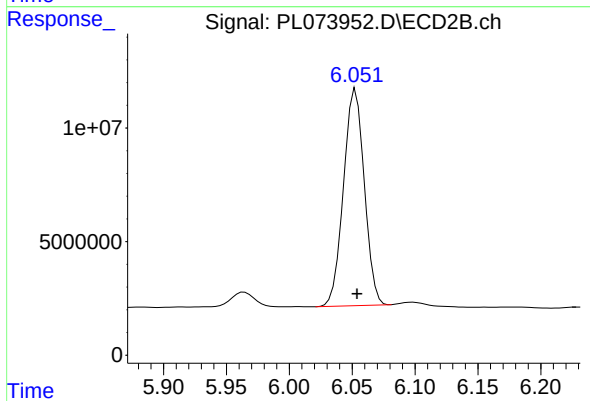
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 28787691
Conc: 16.15 ng/ml



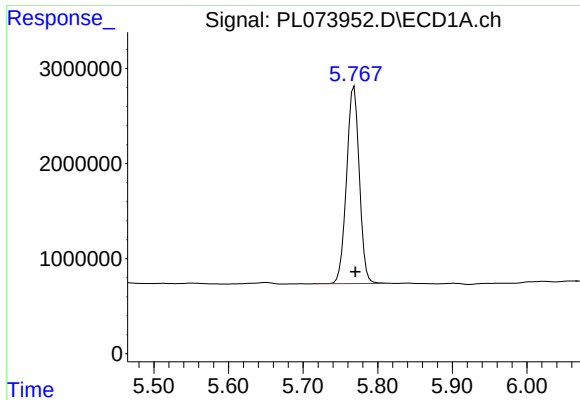
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 20308623
Conc: 48.39 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 109816448
Conc: 43.61 ng/ml



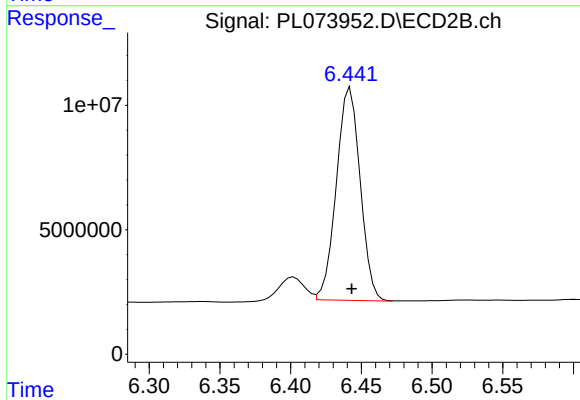
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 24606537
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

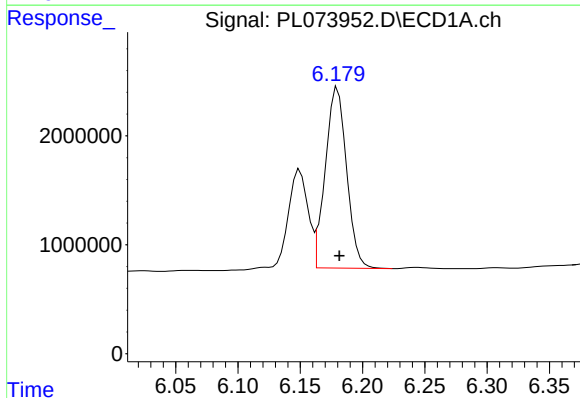
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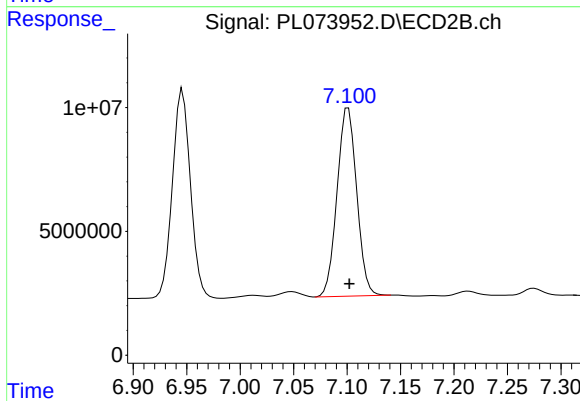
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 99910044
Conc: 42.21 ng/ml m



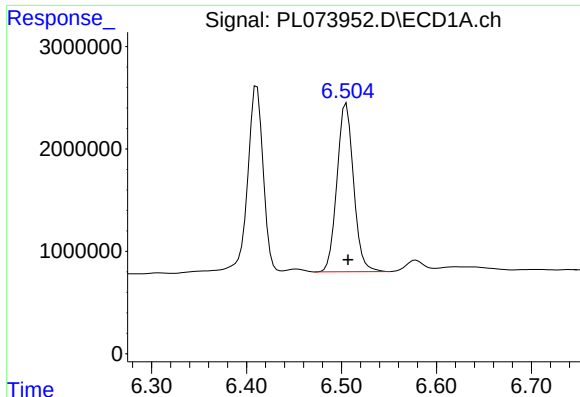
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 19721072
Conc: 43.78 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 97307536
Conc: 37.31 ng/ml



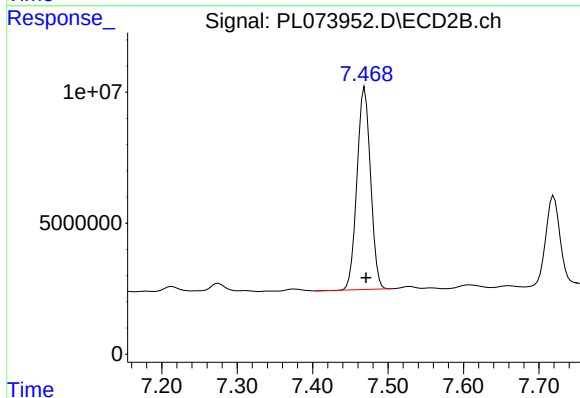
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 19981287
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

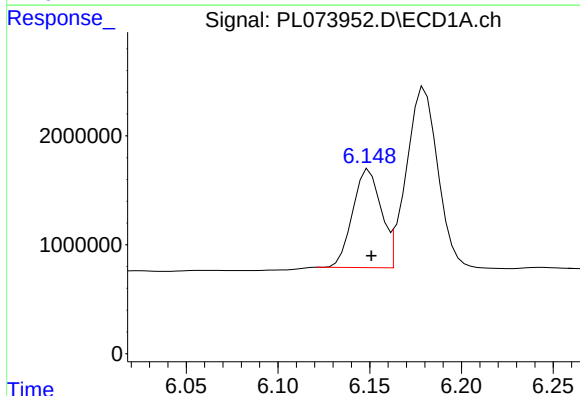
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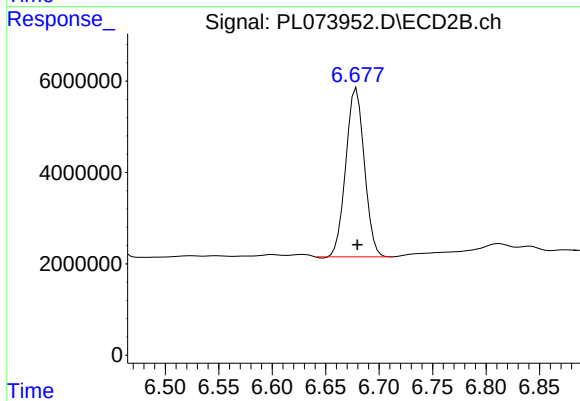
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 96391011
Conc: 41.04 ng/ml



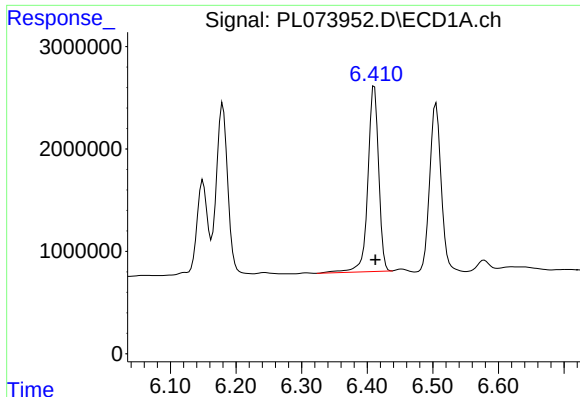
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 9717931
Conc: 47.56 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 44507351
Conc: 39.49 ng/ml



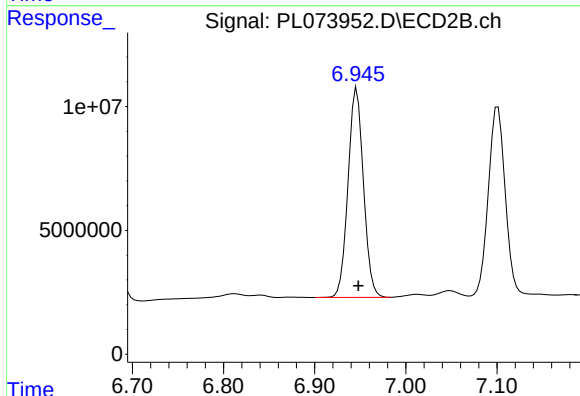
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 20748719
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

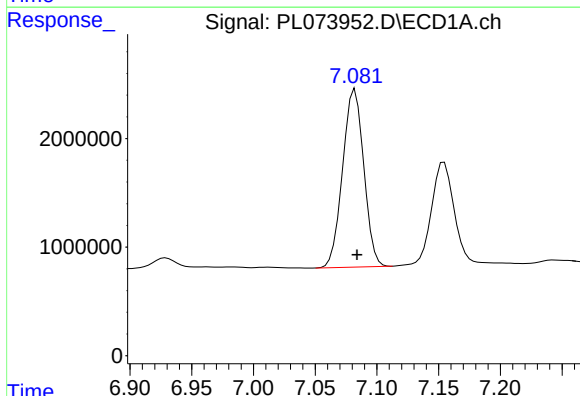
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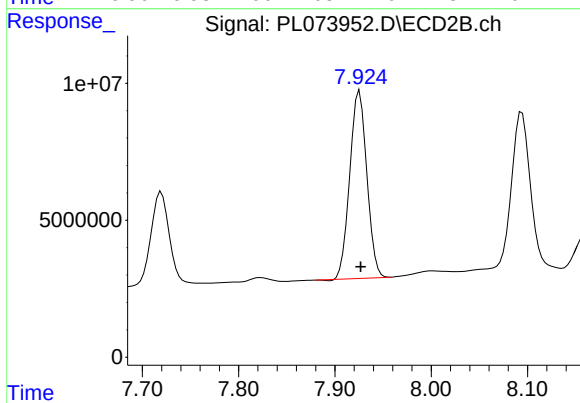
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 99395951
Conc: 40.70 ng/ml



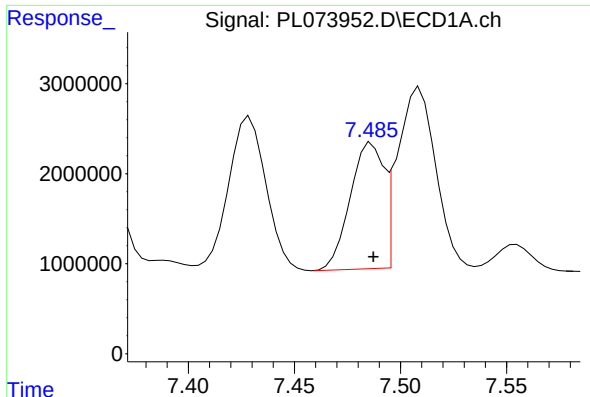
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 19549015
Conc: 45.58 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 84090931
Conc: 37.35 ng/ml



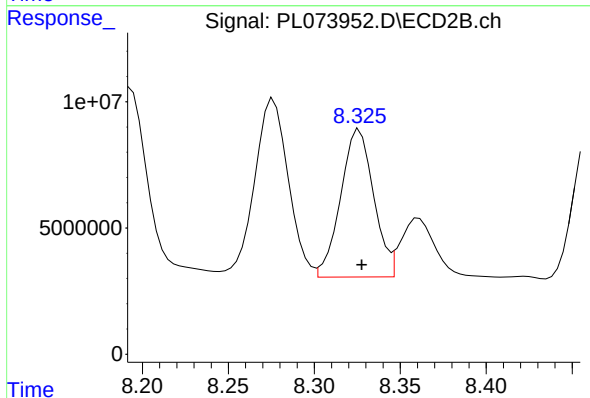
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 15343528
Conc: 37.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

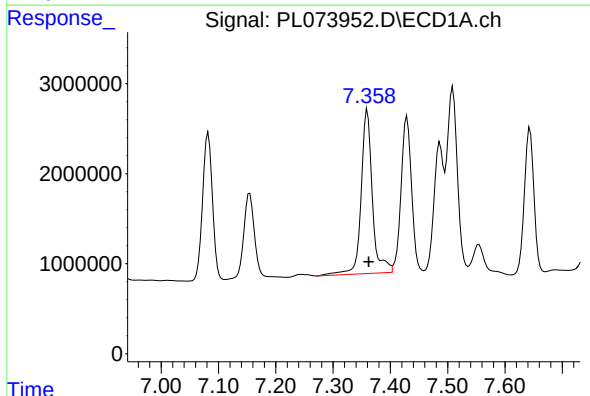
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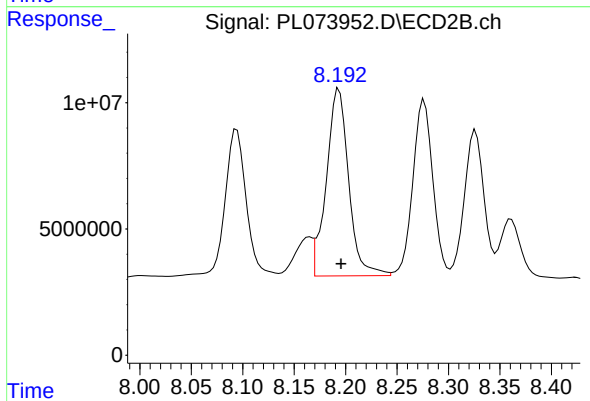
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 78108884
Conc: 39.68 ng/ml



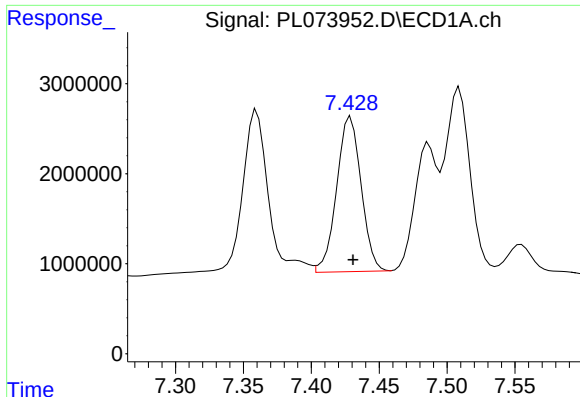
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 24796314
Conc: 56.54 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 110830736
Conc: 49.69 ng/ml m



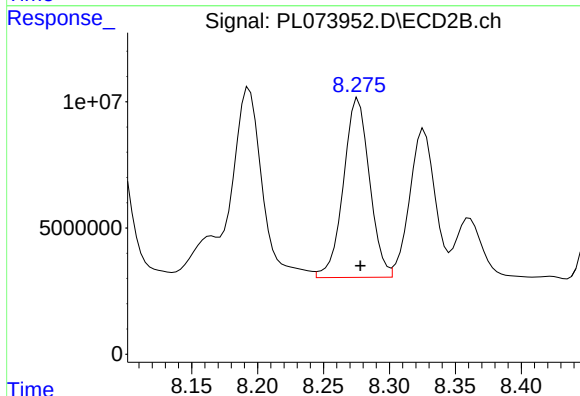
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 21582453
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

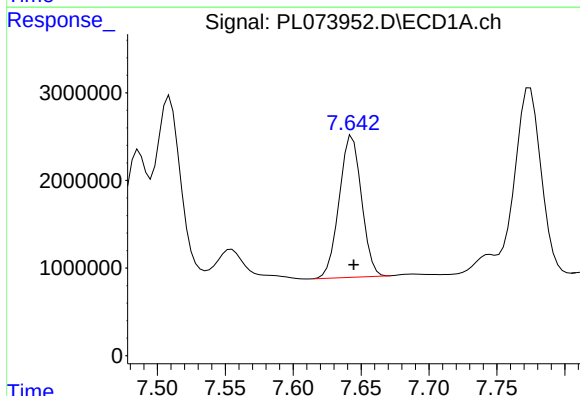
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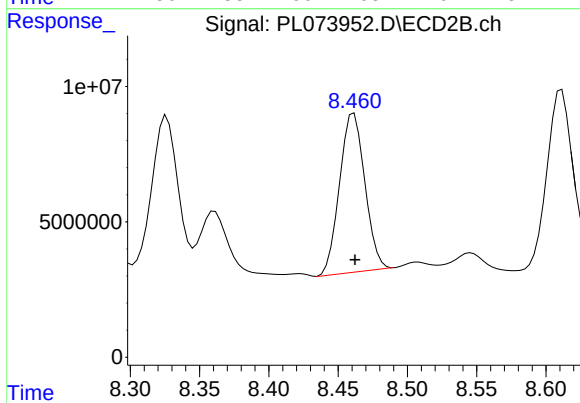
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 97802198
Conc: 45.43 ng/ml



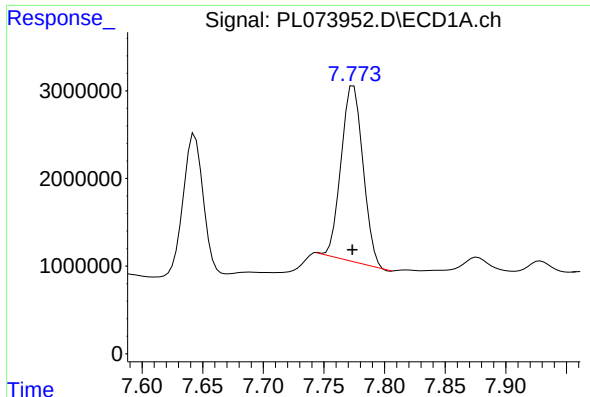
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 18507621
Conc: 50.73 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 74715338
Conc: 37.51 ng/ml m



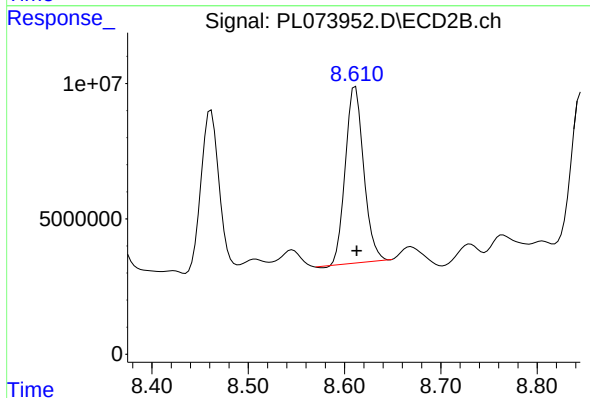
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 25271051
Conc: 58.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

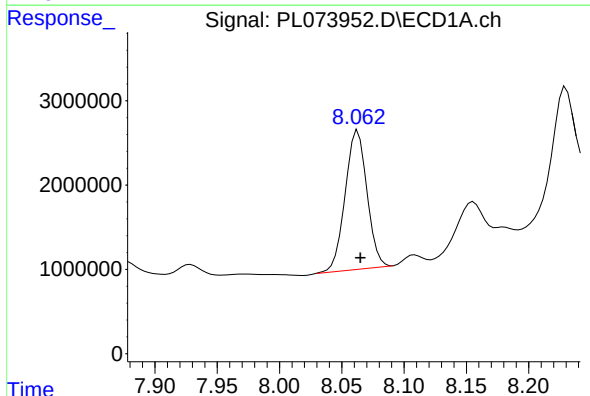
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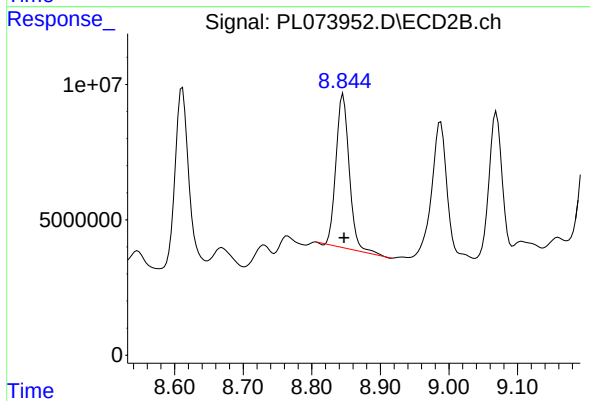
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 86183337
Conc: 42.98 ng/ml



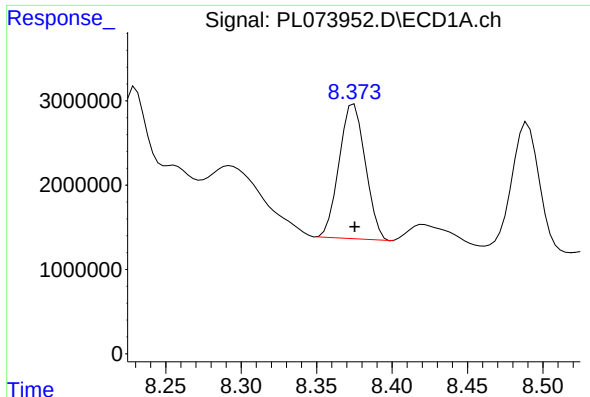
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 20171778
Conc: 49.66 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 76625021
Conc: 45.24 ng/ml



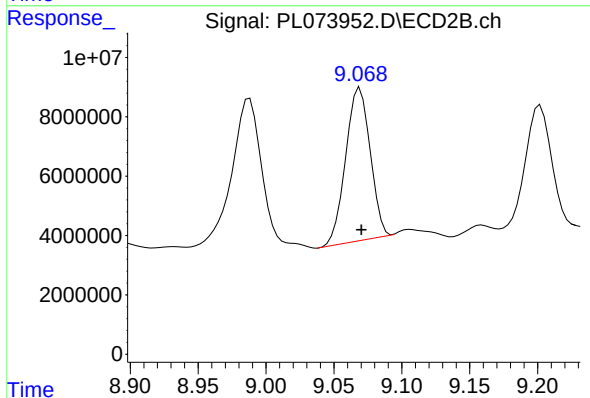
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 19310165
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

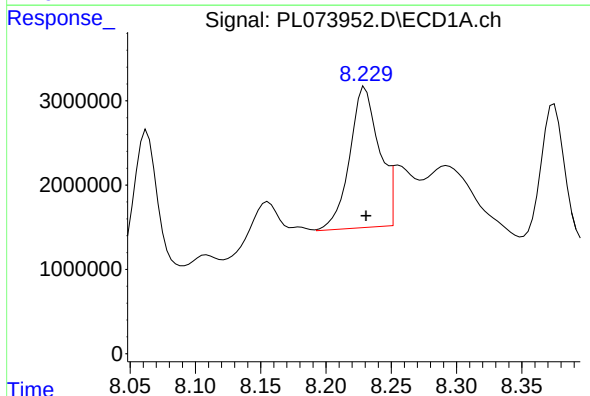
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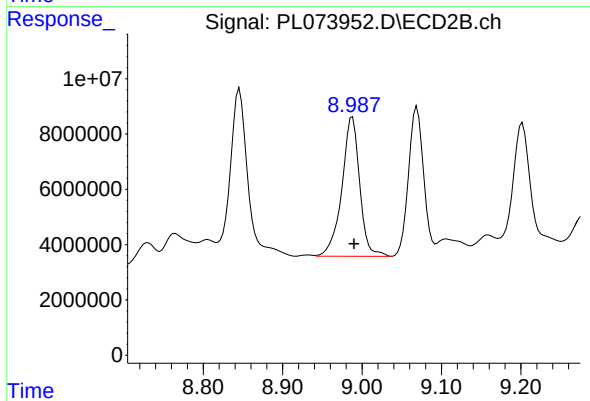
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 64583451
Conc: 37.18 ng/ml



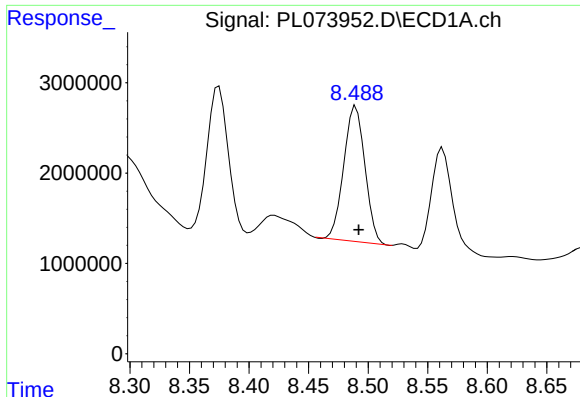
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 25366150
Conc: 78.55 ng/ml m



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 78773157
Conc: 51.20 ng/ml



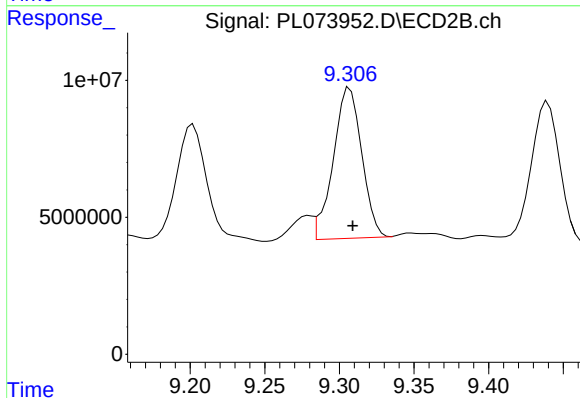
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 18589461
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

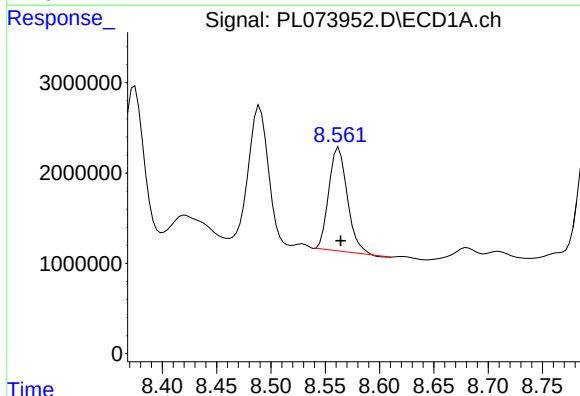
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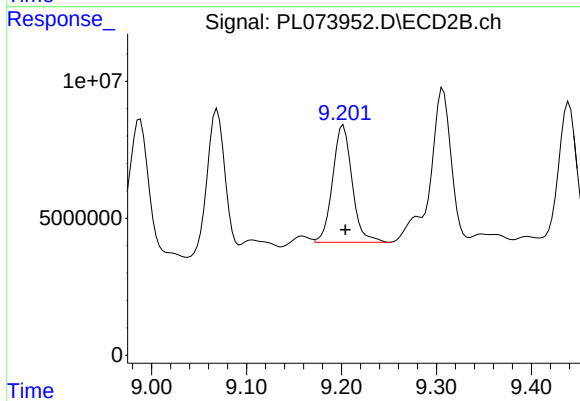
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 73287204
Conc: 41.34 ng/ml



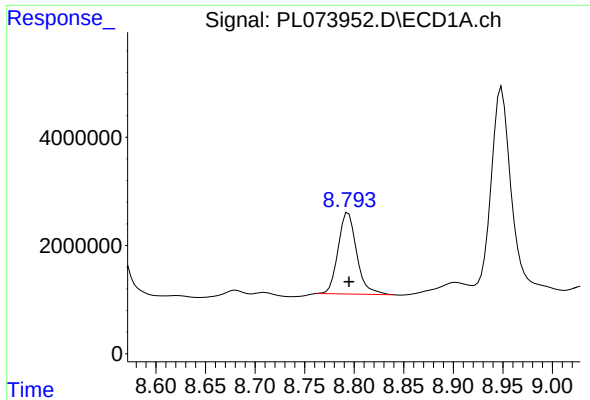
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 13623857
Conc: 42.11 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 60994987
Conc: 47.22 ng/ml



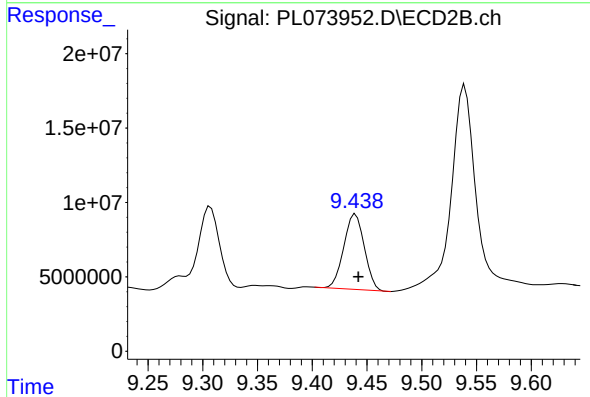
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 19536051
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

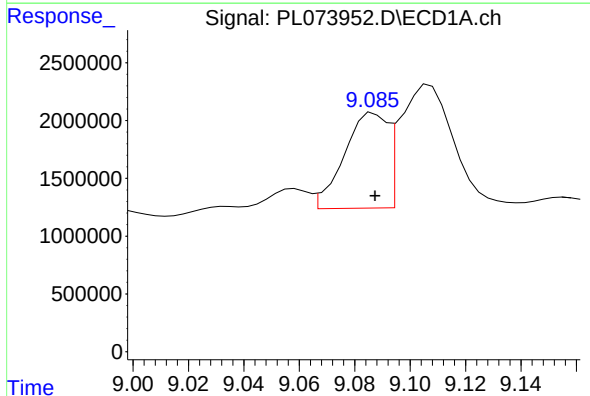
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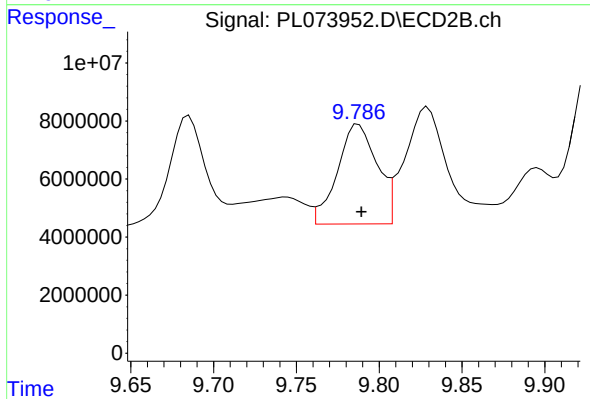
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 66336037
Conc: 39.86 ng/ml



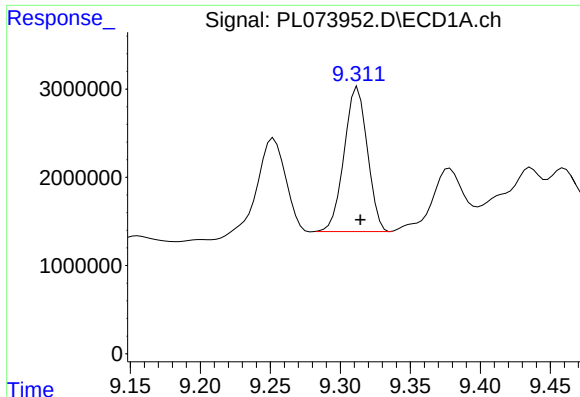
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 8926613
Conc: 35.96 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 57324778
Conc: 59.60 ng/ml



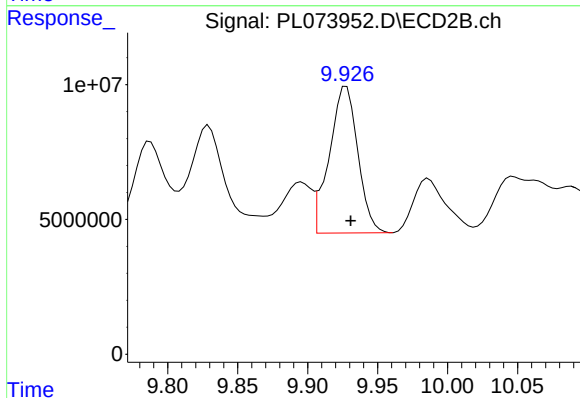
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.002 min
Response: 18912214
Conc: 38.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

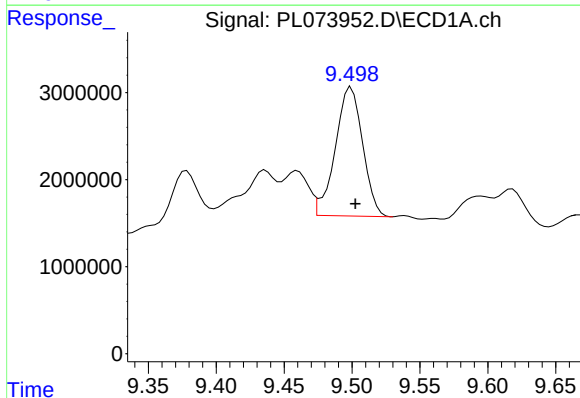
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Supervised By :mohammad ahmed 04/12/2022



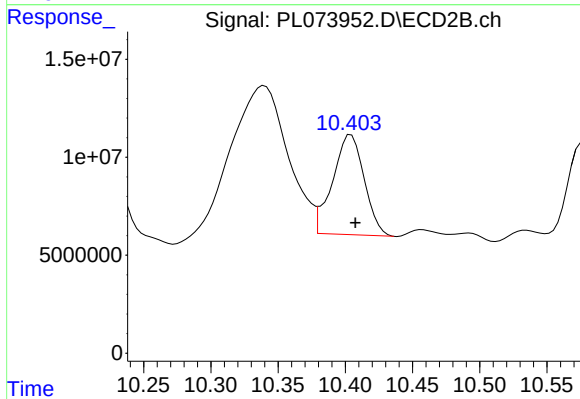
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 77228213
Conc: 44.62 ng/ml



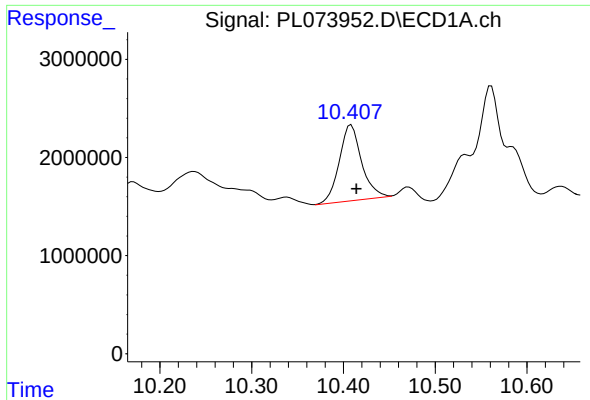
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.005 min
Response: 20600320
Conc: 44.17 ng/ml m



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 82198632
Conc: 59.68 ng/ml m



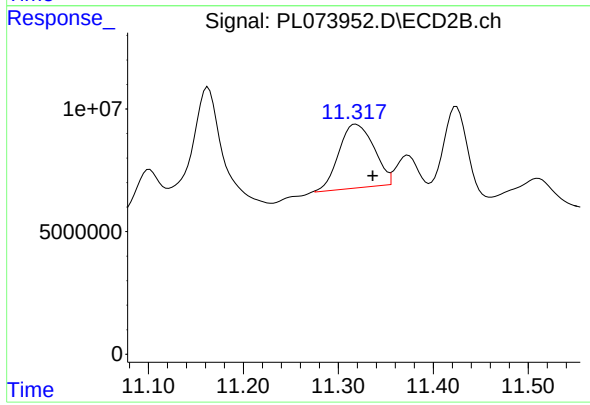
#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.007 min
Response: 13132863
Conc: 25.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



#28 Decachlorobiphenyl

R.T.: 11.317 min
Delta R.T.: -0.019 min
Response: 67902131
Conc: 38.44 ng/ml m