

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
 Data File : PL081577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 12:20
 Operator : AR\AJ
 Sample : 02002-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 031023-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2023
 Supervised By : Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 06:40:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 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...	3.335	2.655	43545671	33421808	20.155	16.514
28) SA Decachlor...	8.759	7.779	28732961	33483563	18.847	17.480
Target Compounds						
2) A alpha-BHC	3.785	3.154	159.9E6	131.5E6	50.251	44.861m
3) MA gamma-BHC...	4.114	3.484	153.6E6	127.7E6	51.919	46.431
4) MA Heptachlor	4.693	3.816	140.0E6	127.6E6	50.721	46.232m
5) MB Aldrin	5.030	4.095	133.8E6	125.6E6	52.592	47.899
6) B beta-BHC	4.316	3.781	65310139	58278842	47.447	50.213m
7) B delta-BHC	4.558	4.010	145.8E6	121.7E6	52.463	47.799
8) B Heptachlo...	5.457	4.598	120.5E6	114.9E6	51.073	47.503
9) A Endosulfan I	5.837	4.966	108.4E6	105.7E6	51.289	46.692
10) B gamma-Chl...	5.711	4.847	118.1E6	113.9E6	51.740	46.518
11) B alpha-Chl...	5.789	4.910	116.4E6	114.8E6	51.655	46.879
12) B 4,4'-DDE	5.967	5.100f	98561728	93127012	50.374	47.445m
13) MA Dieldrin	6.112	5.231	111.0E6	110.6E6	53.011	49.060
14) MA Endrin	6.339	5.504f	97165363	99416034	53.462	49.470m
15) B Endosulfa...	6.560	5.800	94313037	95213974	54.094	51.642m
16) A 4,4'-DDD	6.482	5.655f	80378175	74270703	52.215	48.413m
17) MA 4,4'-DDT	6.794	5.905	84516486	84256802	53.245	52.519
18) B Endrin al...	6.689	5.982f	77741031	78772302	54.313m	51.993
19) B Endosulfa...	6.925	6.204	91557395	92899703	50.993	48.334m
20) A Methoxychlor	7.274	6.485	47121951	49709915	54.706	53.561m
21) B Endrin ke...	7.404	6.710	96488628	106.1E6	53.191	49.271m
22) Mirex	7.869	6.881	75365735	90130745	51.652	46.830m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
Data File : PL081577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2023 12:20
Operator : AR\AJ
Sample : 02002-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

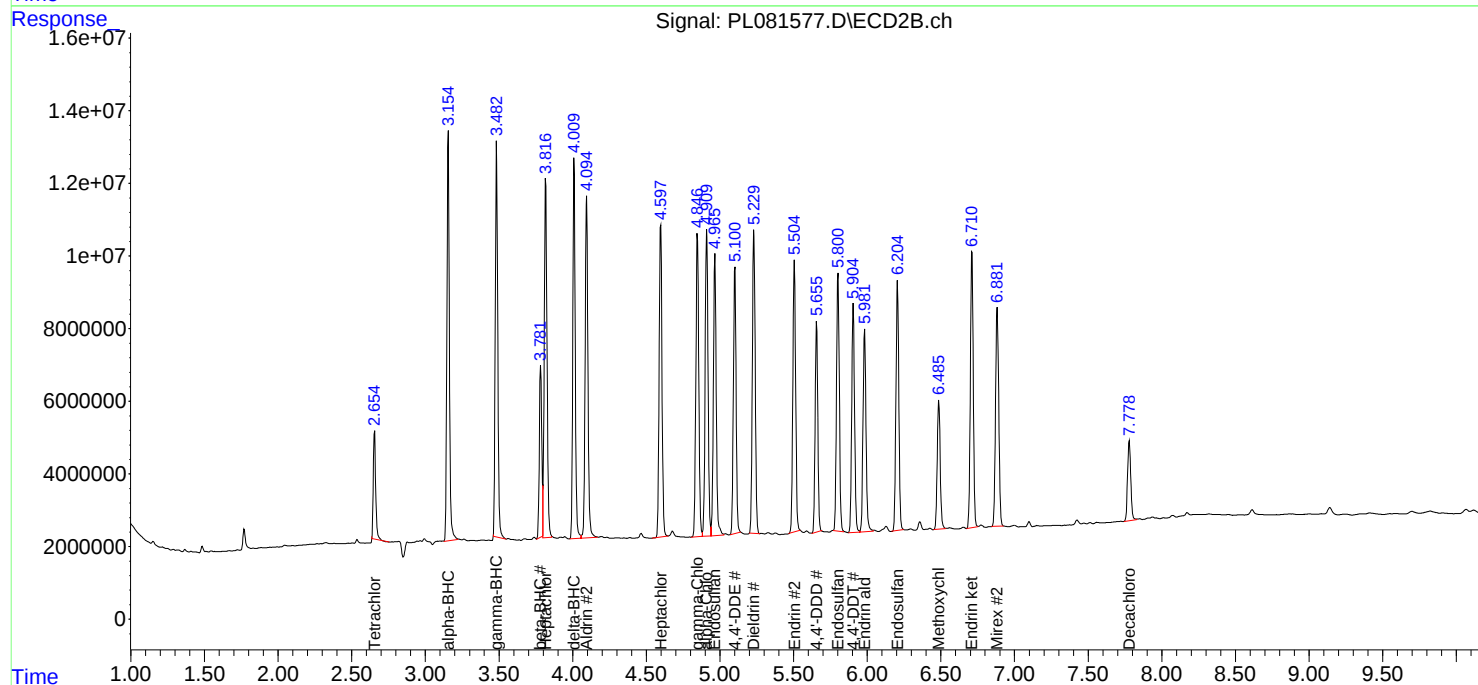
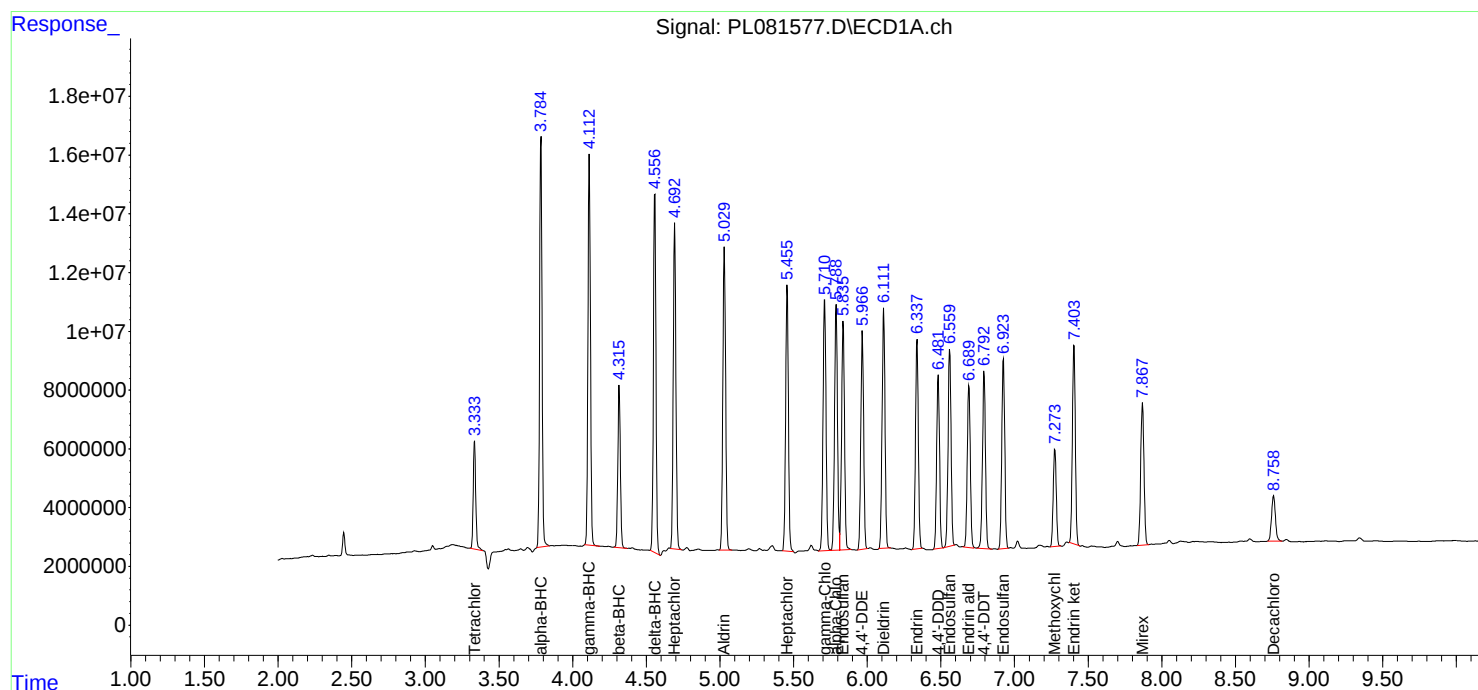
Instrument :
ECD_L
ClientSampleId :
031023-3MSD

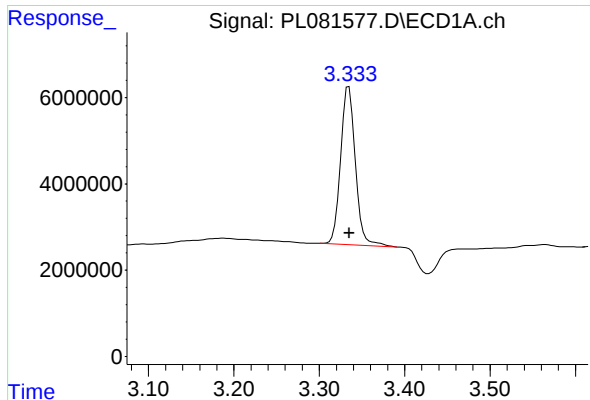
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 06:40:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
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





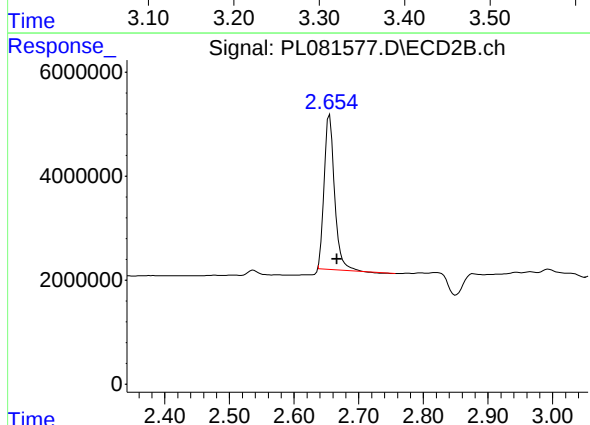
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 43545671
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

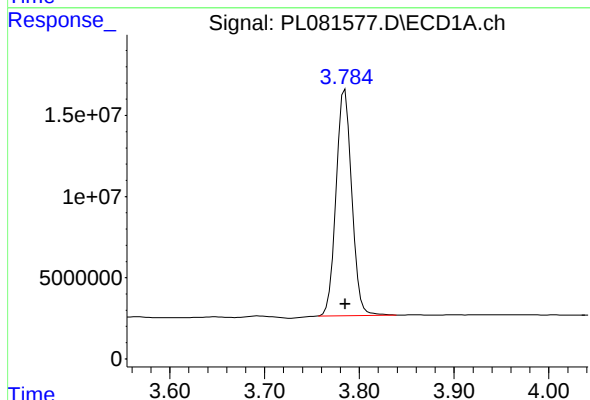
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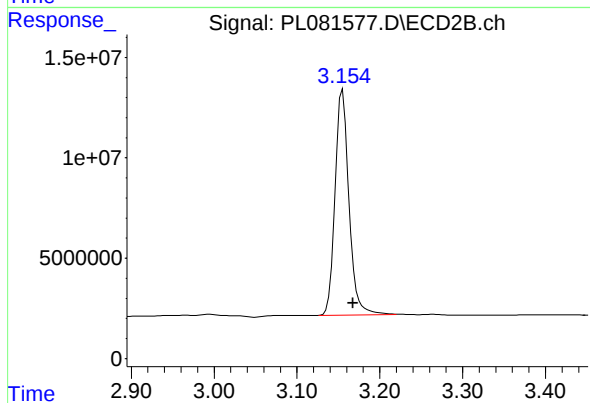
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: -0.011 min
Response: 33421808
Conc: 16.51 ng/ml



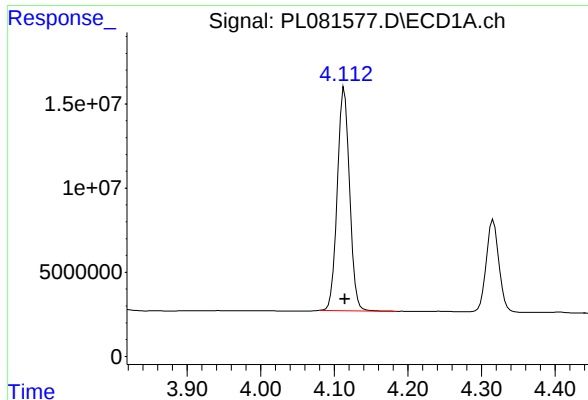
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 159860828
Conc: 50.25 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: -0.014 min
Response: 131469900
Conc: 44.86 ng/ml m



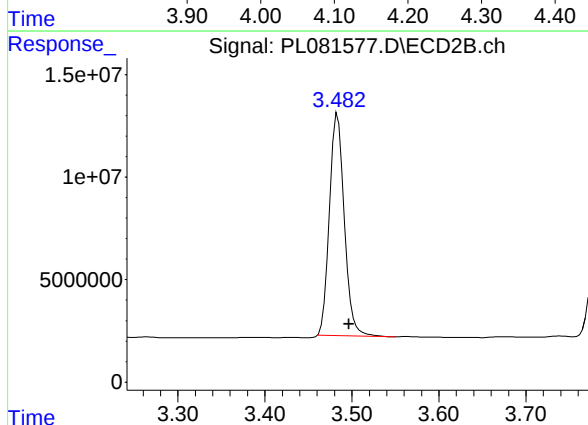
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 153605845
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

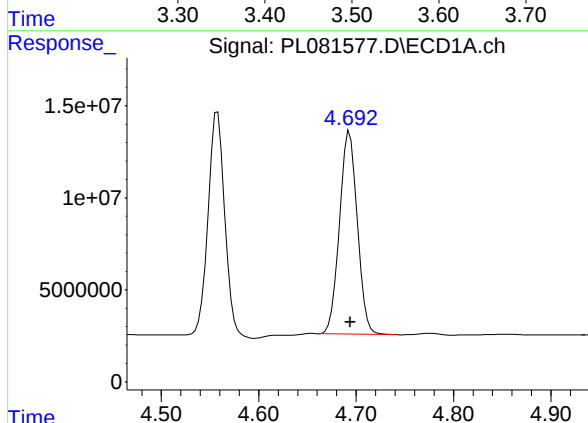
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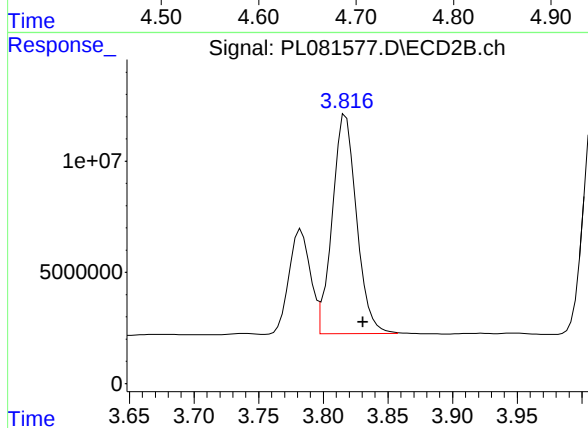
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: -0.013 min
Response: 127734200
Conc: 46.43 ng/ml



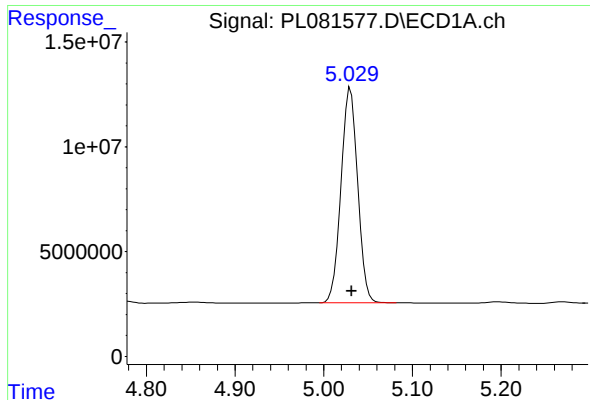
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 139959889
Conc: 50.72 ng/ml



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: -0.015 min
Response: 127578842
Conc: 46.23 ng/ml m



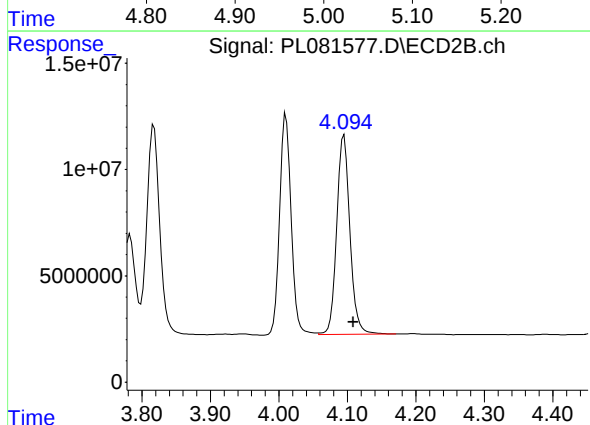
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 133802549
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

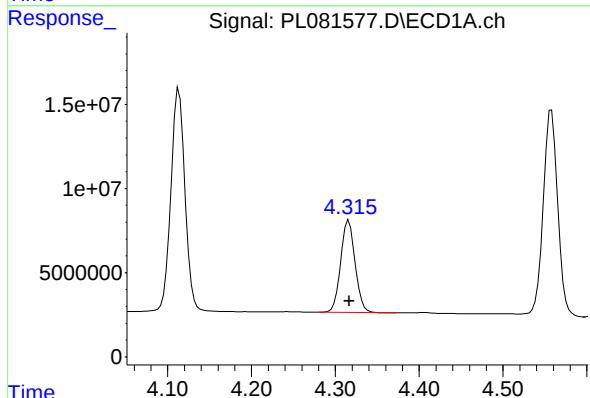
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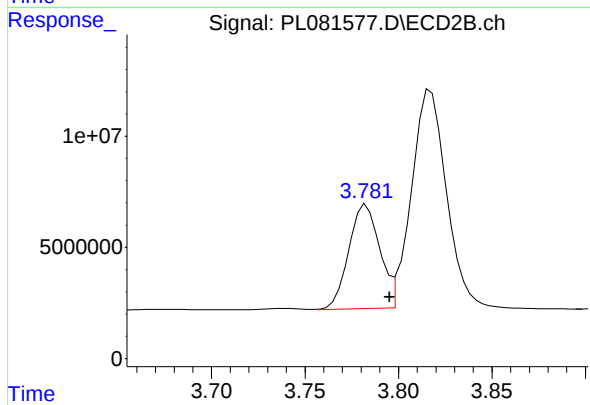
#5 Aldrin

R.T.: 4.095 min
Delta R.T.: -0.014 min
Response: 125579255
Conc: 47.90 ng/ml



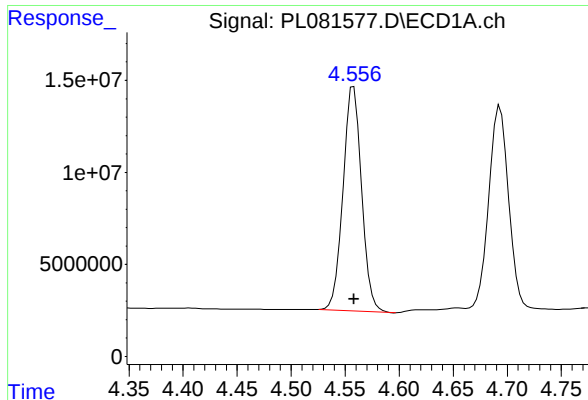
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 65310139
Conc: 47.45 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.014 min
Response: 58278842
Conc: 50.21 ng/ml m



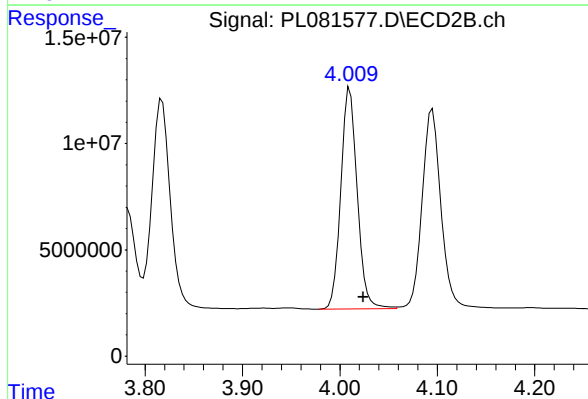
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 145805082
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

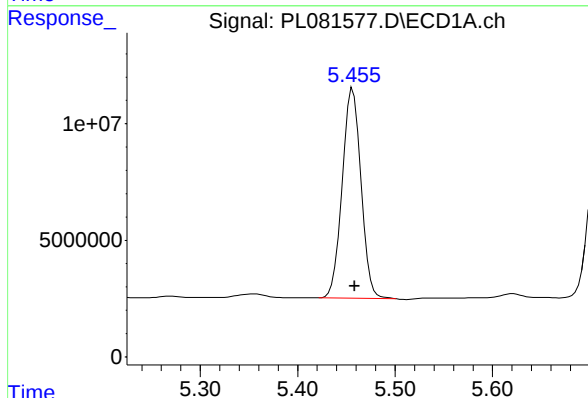
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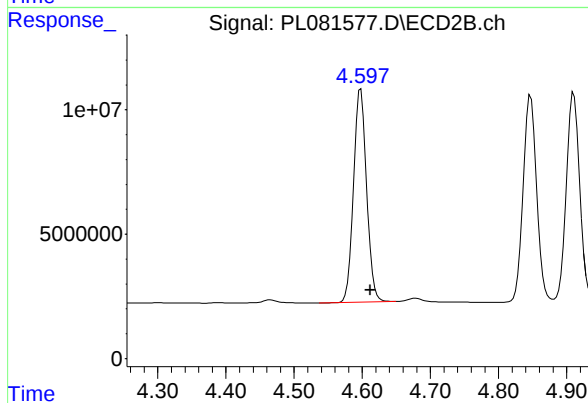
#7 delta-BHC

R.T.: 4.010 min
Delta R.T.: -0.014 min
Response: 121727700
Conc: 47.80 ng/ml



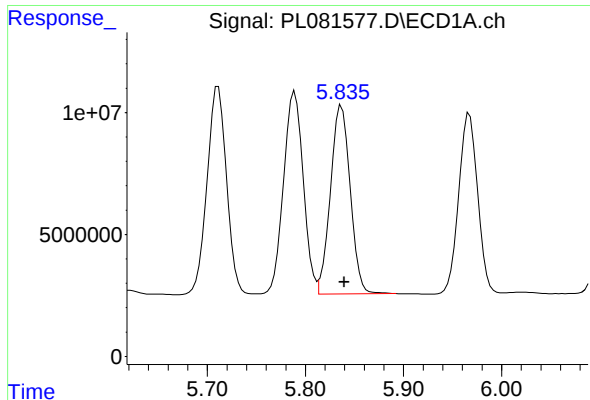
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 120532119
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: -0.014 min
Response: 114866377
Conc: 47.50 ng/ml



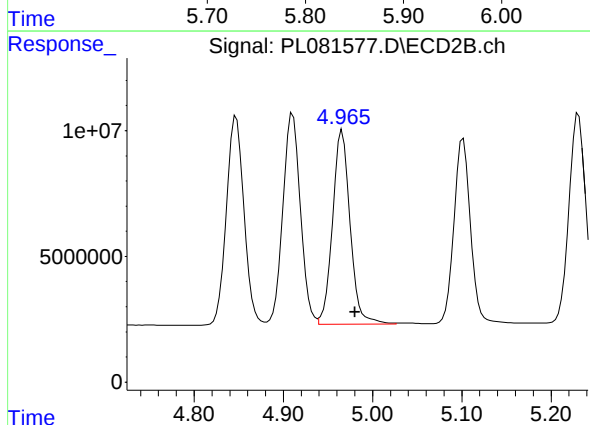
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 108359116
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

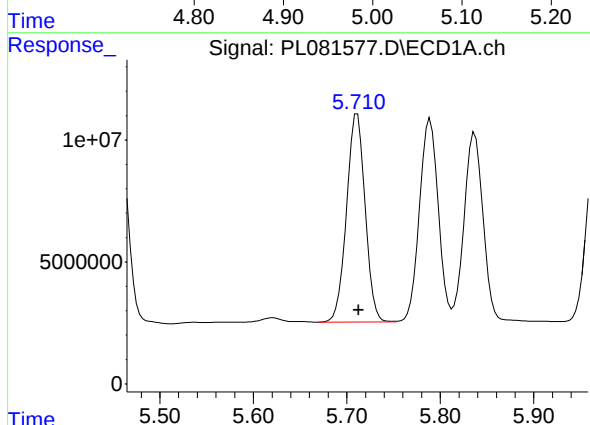
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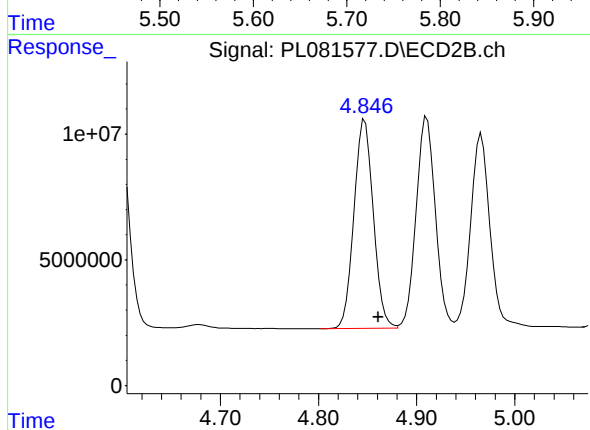
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: -0.014 min
Response: 105696072
Conc: 46.69 ng/ml



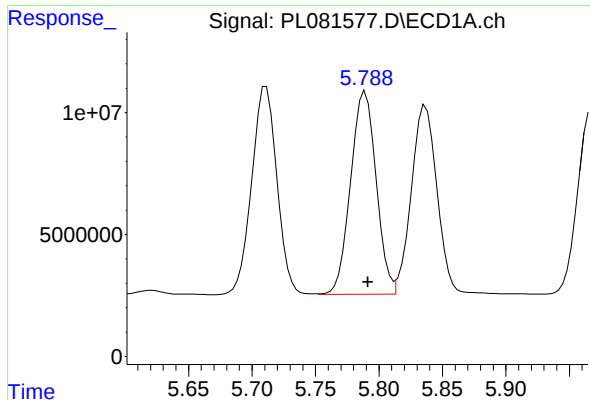
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 118066251
Conc: 51.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: -0.014 min
Response: 113864504
Conc: 46.52 ng/ml



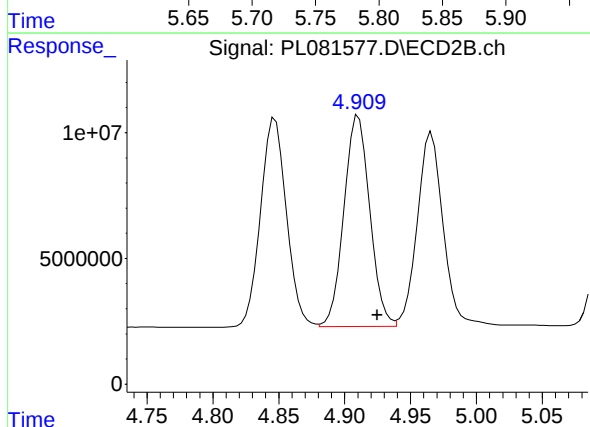
#11 alpha-Chlordane

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 116375185
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

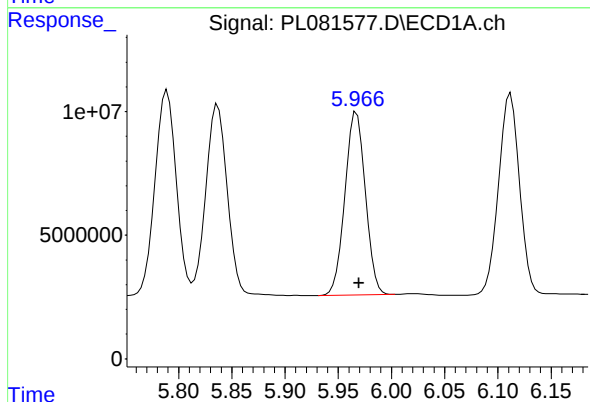
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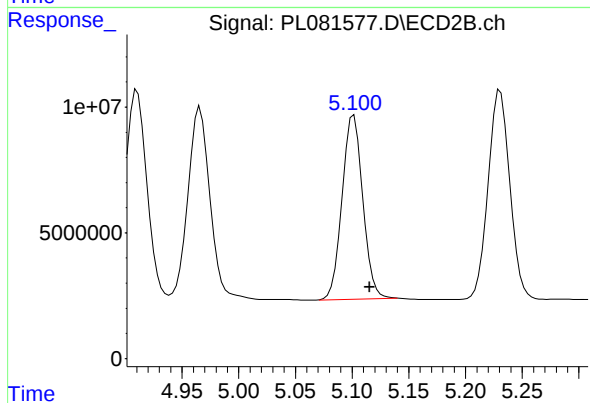
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: -0.014 min
Response: 114785273
Conc: 46.88 ng/ml



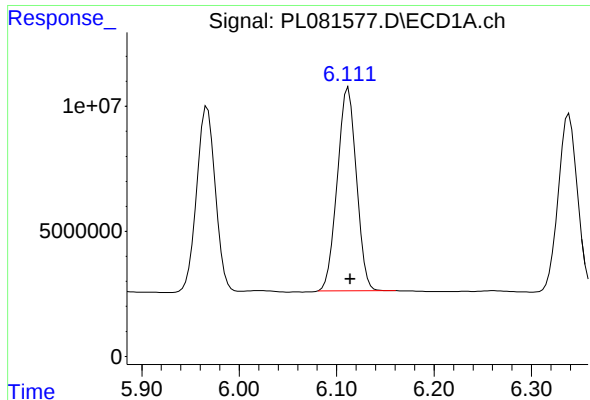
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 98561728
Conc: 50.37 ng/ml



#12 4,4'-DDE

R.T.: 5.100 min
Delta R.T.: -0.015 min
Response: 93127012
Conc: 47.44 ng/ml m



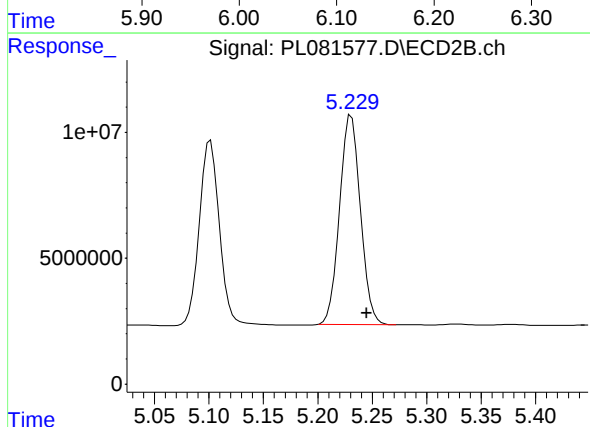
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 110951698
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

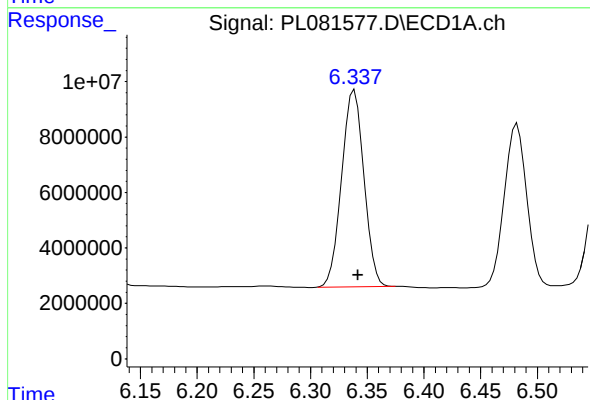
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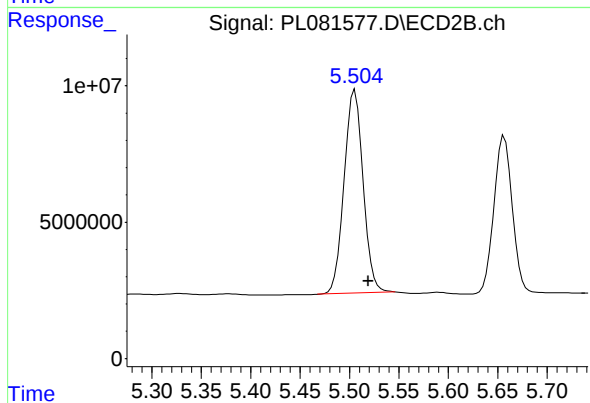
#13 Dieldrin

R.T.: 5.231 min
Delta R.T.: -0.014 min
Response: 110597722
Conc: 49.06 ng/ml



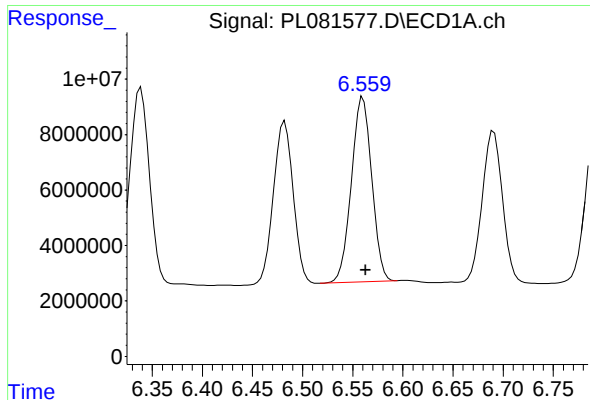
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 97165363
Conc: 53.46 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: -0.015 min
Response: 99416034
Conc: 49.47 ng/ml m



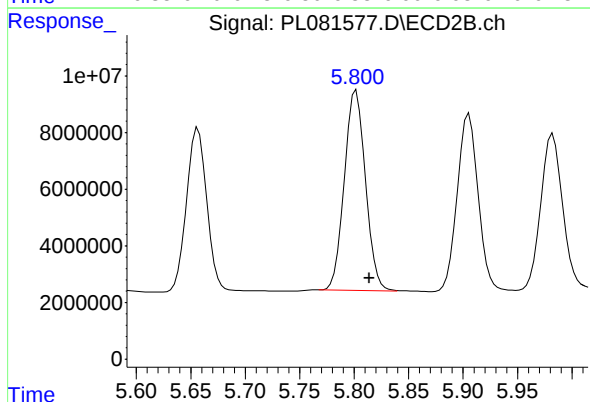
#15 Endosulfan II

R.T.: 6.560 min
Delta R.T.: -0.003 min
Response: 94313037
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

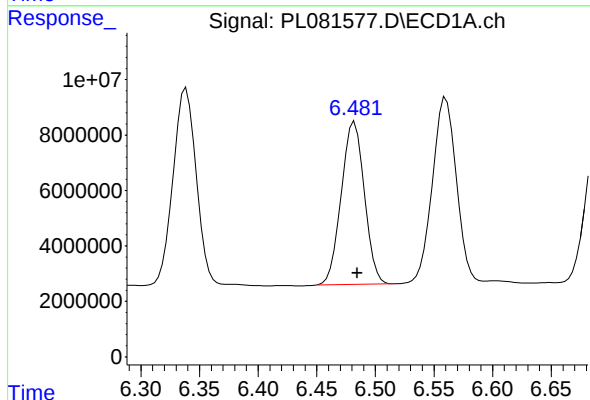
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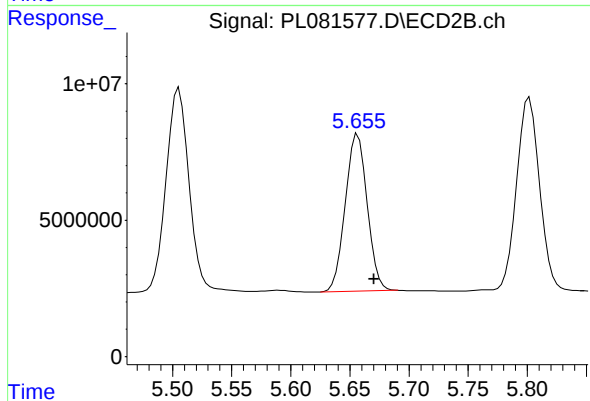
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: -0.014 min
Response: 95213974
Conc: 51.64 ng/ml m



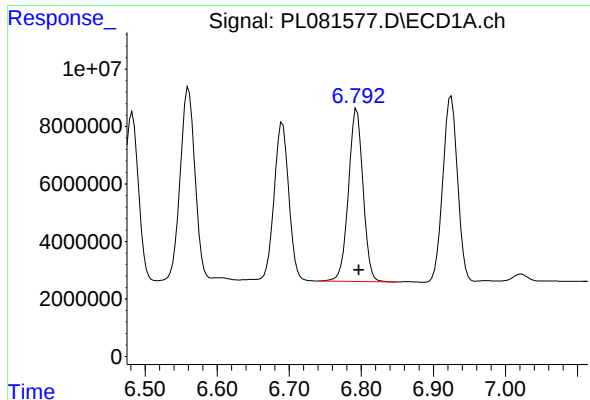
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 80378175
Conc: 52.21 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: -0.015 min
Response: 74270703
Conc: 48.41 ng/ml m



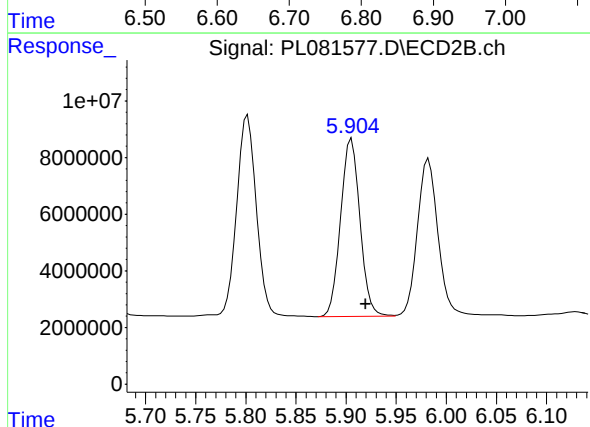
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 84516486
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

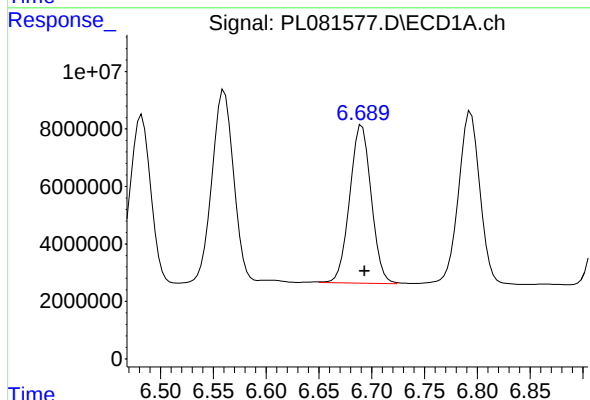
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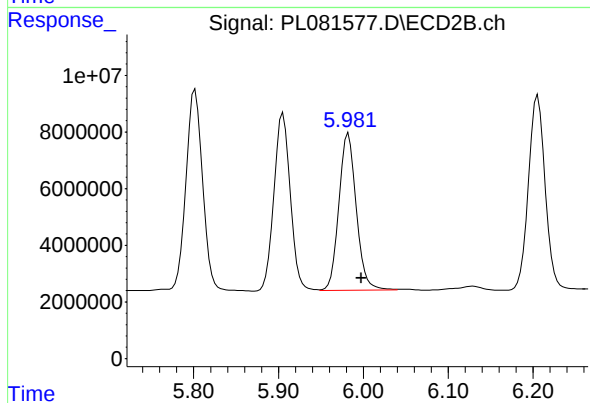
#17 4,4'-DDT

R.T.: 5.905 min
Delta R.T.: -0.014 min
Response: 84256802
Conc: 52.52 ng/ml



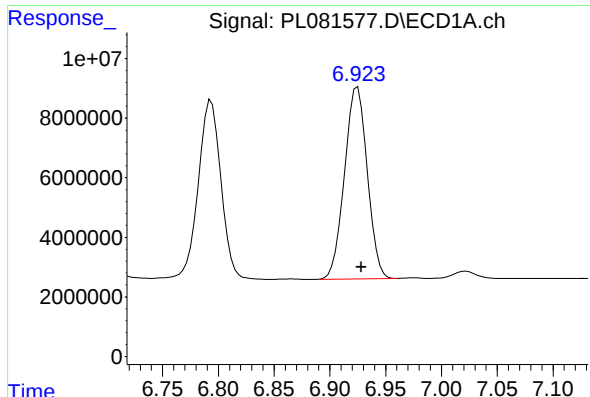
#18 Endrin aldehyde

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 77741031
Conc: 54.31 ng/ml m



#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: -0.015 min
Response: 78772302
Conc: 51.99 ng/ml



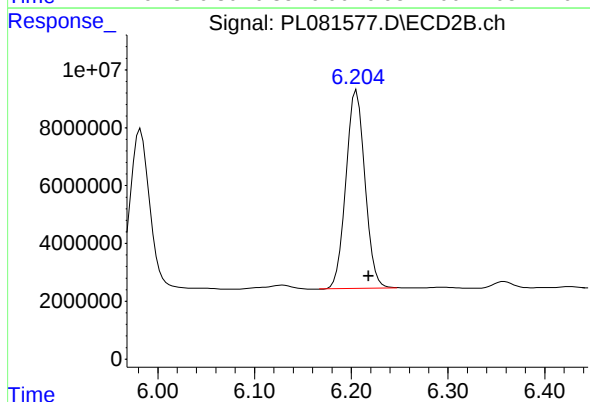
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 91557395
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

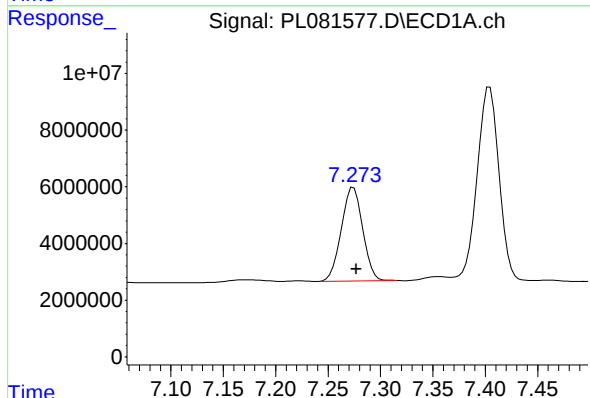
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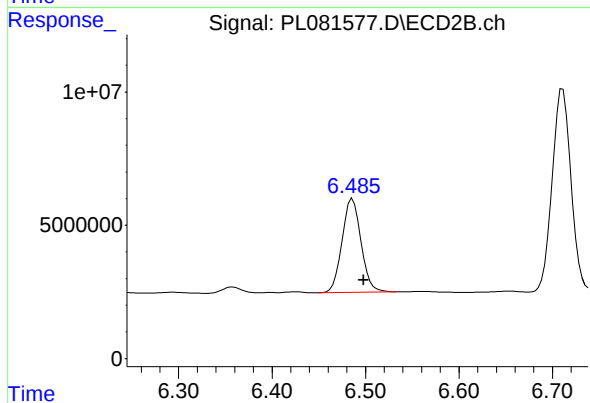
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: -0.014 min
Response: 92899703
Conc: 48.33 ng/ml m



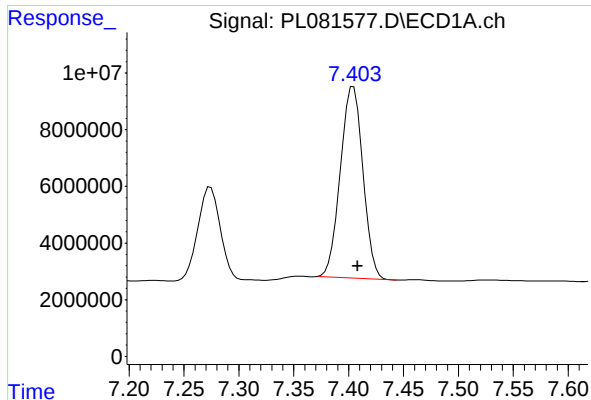
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 47121951
Conc: 54.71 ng/ml



#20 Methoxychlor

R.T.: 6.485 min
Delta R.T.: -0.013 min
Response: 49709915
Conc: 53.56 ng/ml m



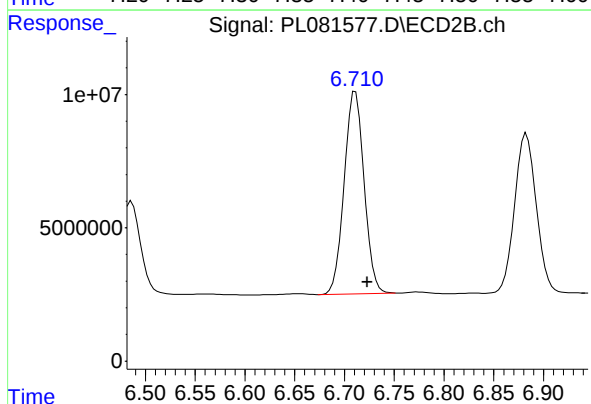
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 96488628
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

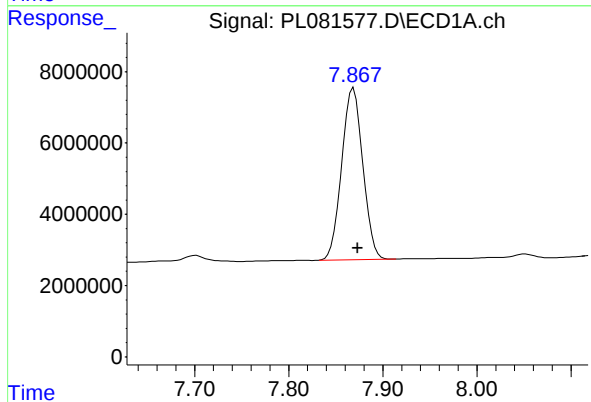
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



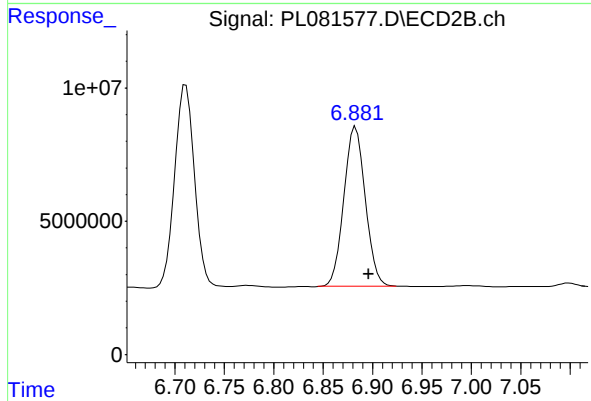
#21 Endrin ketone

R.T.: 6.710 min
Delta R.T.: -0.013 min
Response: 106084449
Conc: 49.27 ng/ml m



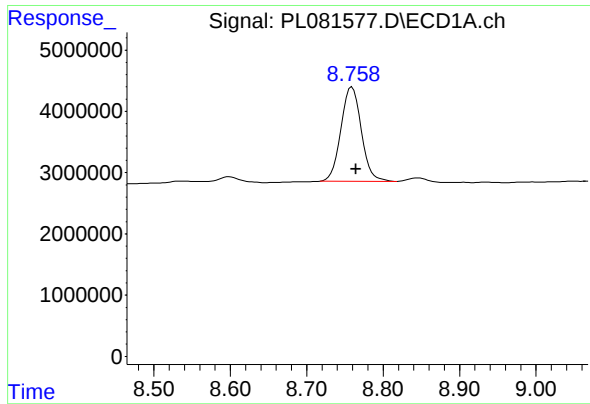
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.005 min
Response: 75365735
Conc: 51.65 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: -0.015 min
Response: 90130745
Conc: 46.83 ng/ml m



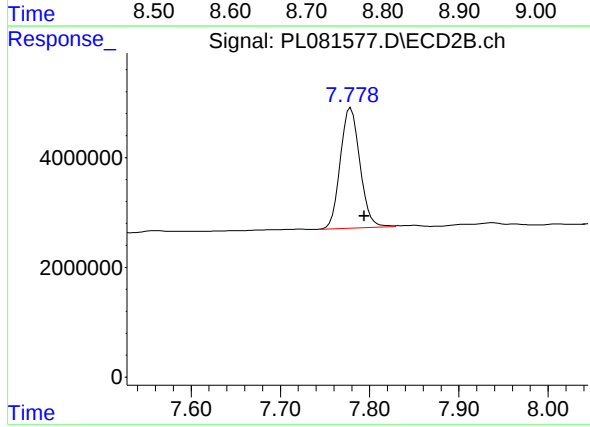
#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 28732961
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/21/2023



#28 Decachlorobiphenyl

R.T.: 7.779 min
Delta R.T.: -0.015 min
Response: 33483563
Conc: 17.48 ng/ml