

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 11:33
 Operator : AR\AJ
 Sample : 04080-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-340MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:18:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.543	2.763	32683329	19871739	13.811	14.589
28) SA Decachlor...	9.082	7.901	29519705	18900165	10.773	13.207
Target Compounds						
2) A alpha-BHC	4.000	3.264	195.8E6	97710962	50.986	50.513
3) MA gamma-BHC...	4.332	3.593	183.4E6	90117443	49.816m	48.441
4) MA Heptachlor	4.924	3.932	188.3E6	93349589	52.230	51.385
5) MB Aldrin	5.267	4.212	183.1E6	89584680	49.537	48.382
6) B beta-BHC	4.530	3.890	73045424	37563078	48.540	49.237
7) B delta-BHC	4.778	4.120	174.2E6	88558378	49.941	49.773
8) B Heptachlo...	5.694	4.714	167.4E6	85151763	50.556	50.920
9) A Endosulfan I	6.081	5.084	153.8E6	78446109	50.608	50.287
10) B gamma-Chl...	5.951	4.964	174.4E6	94444382	53.587	56.935
11) B alpha-Chl...	6.030	5.028	197.1E6	92367708	60.118	55.311
12) B 4,4'-DDE	6.202	5.217	150.3E6	74855990	50.653	51.619
13) MA Dieldrin	6.357	5.348	165.1E6	84263522	50.427	50.021
14) MA Endrin	6.587	5.625	134.7E6	71173972	48.483	48.642
15) B Endosulfa...	6.807	5.919	129.1E6	67662510	40.584	45.903
16) A 4,4'-DDD	6.721	5.771	116.0E6	57053062	49.293	51.303
17) MA 4,4'-DDT	7.036	6.023	126.1E6	60038559	51.842	54.012
18) B Endrin al...	6.937	6.098	101.0E6	53263048	46.226	46.788
19) B Endosulfa...	7.172	6.321	126.3E6	65874411	48.466	49.392
20) A Methoxychlor	7.511	6.598	64665258	28273774	45.640	47.285
21) B Endrin ke...	7.658	6.828	151.7E6	74076786	50.378	46.722
22) Mirex	8.133	7.009	103.4E6	58261274	45.338	44.996

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
Data File : PD077253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2023 11:33
Operator : AR\AJ
Sample : 04080-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ETGI-340MS

Manual Integrations

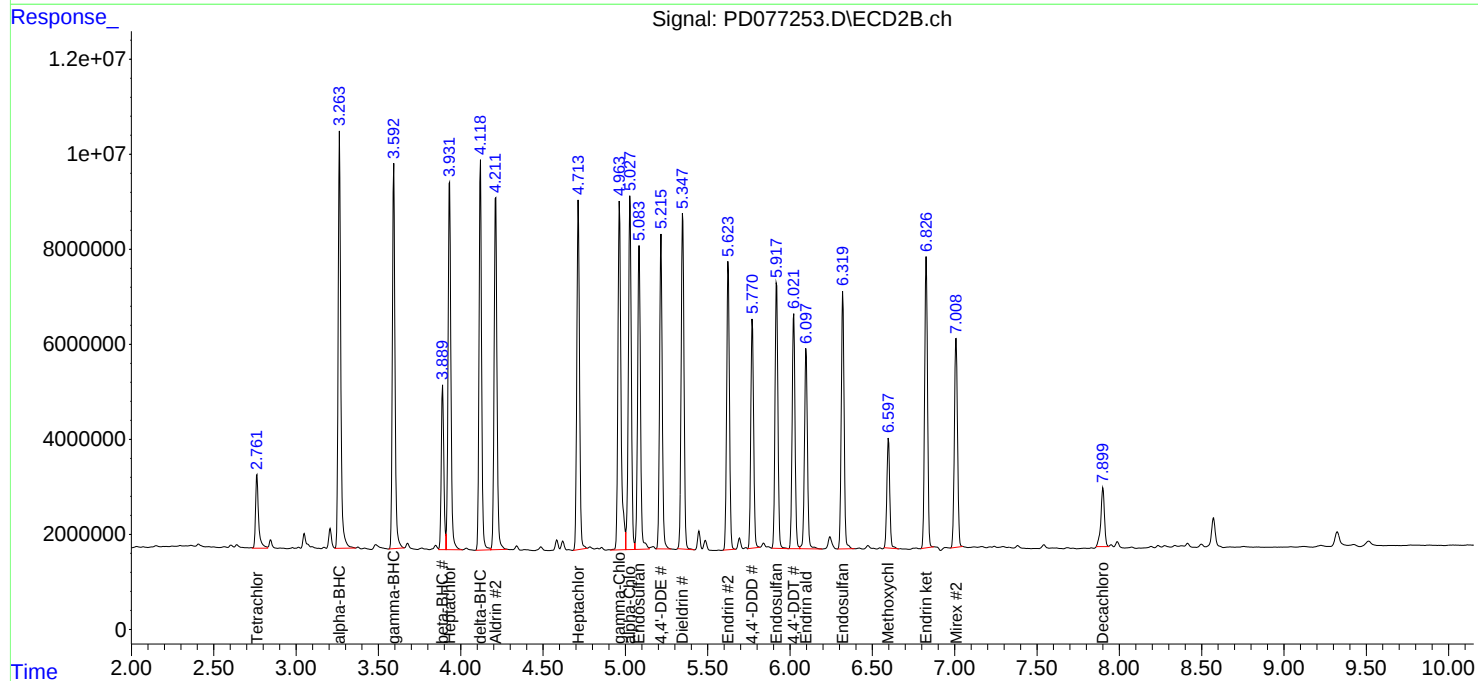
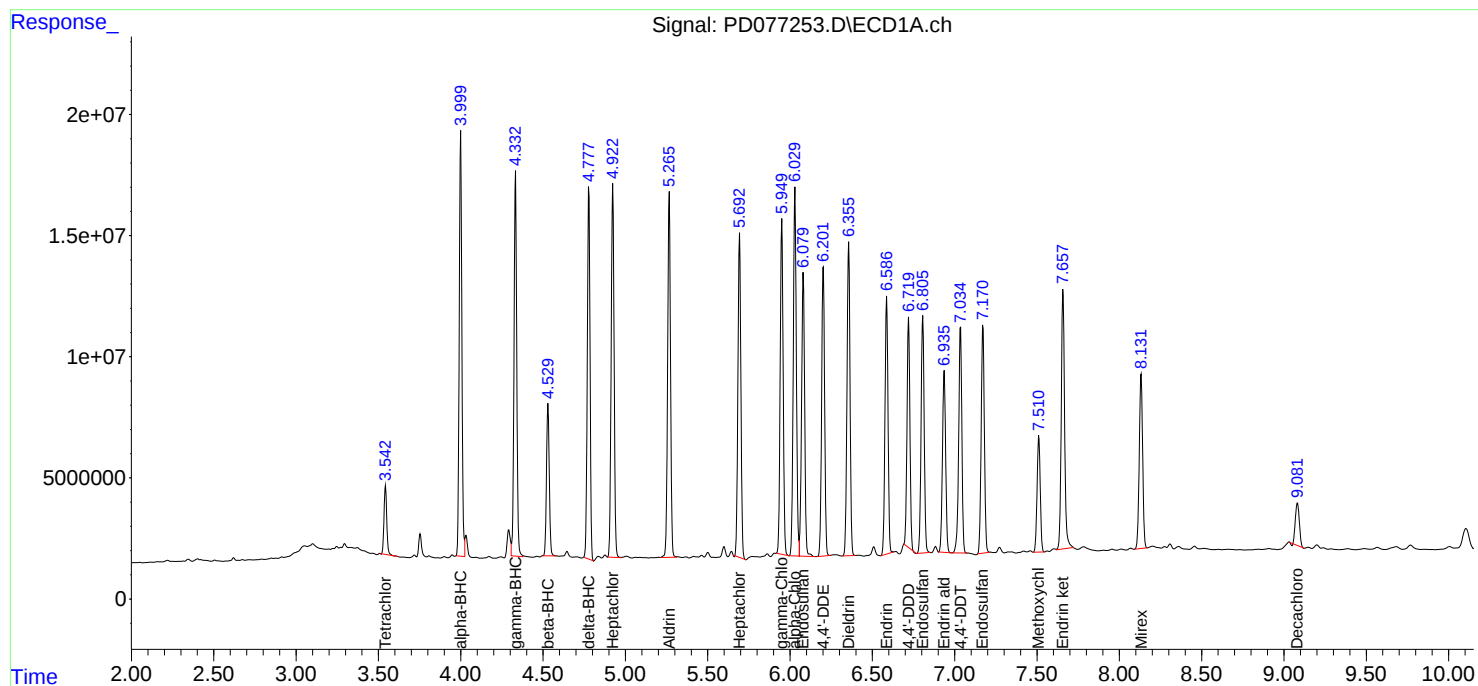
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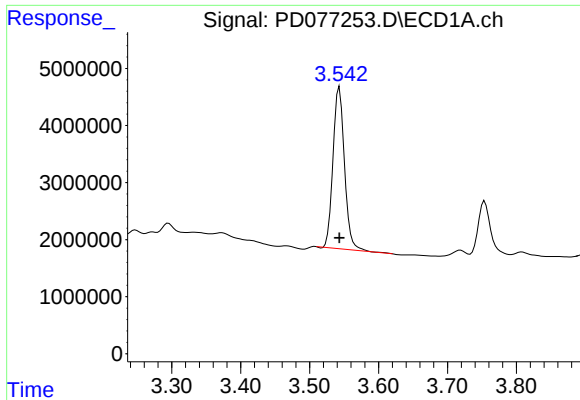
Reviewed By :Abdul Mirza 08/22/2023

Supervised By :Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 22:18:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





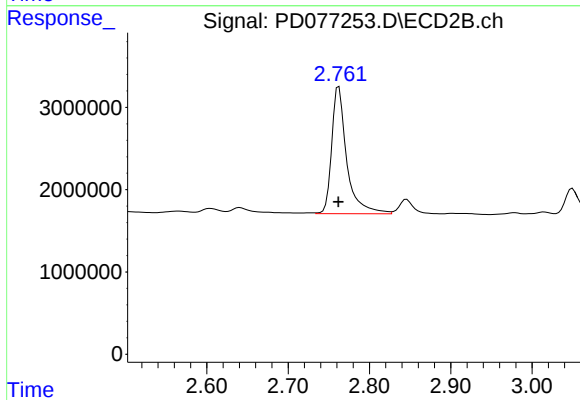
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 32683329
Conc: 13.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

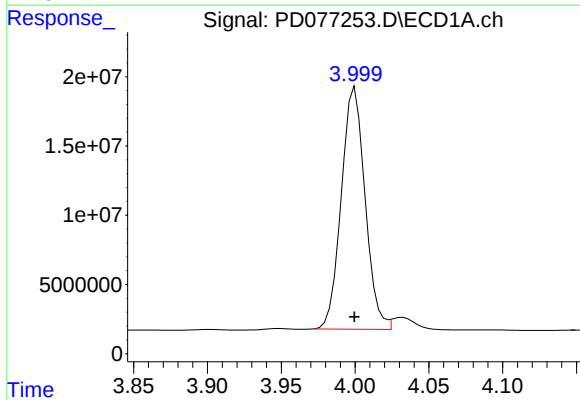
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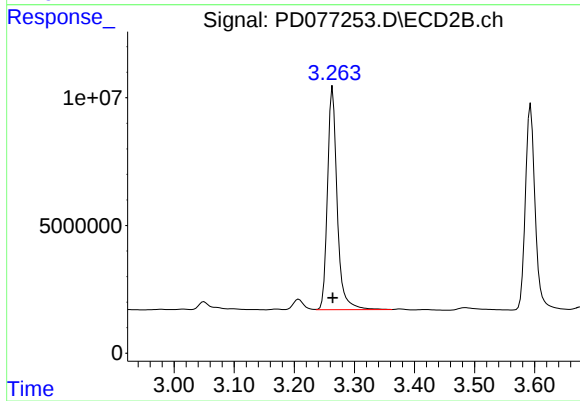
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 19871739
Conc: 14.59 ng/ml



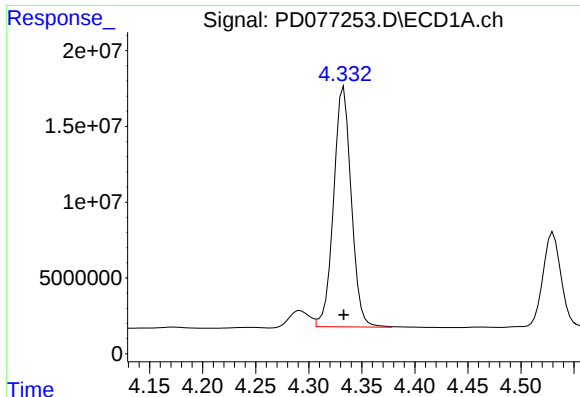
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 195771637
Conc: 50.99 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 97710962
Conc: 50.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 183360696
Conc: 49.82 ng/ml

Instrument :

ECD_D

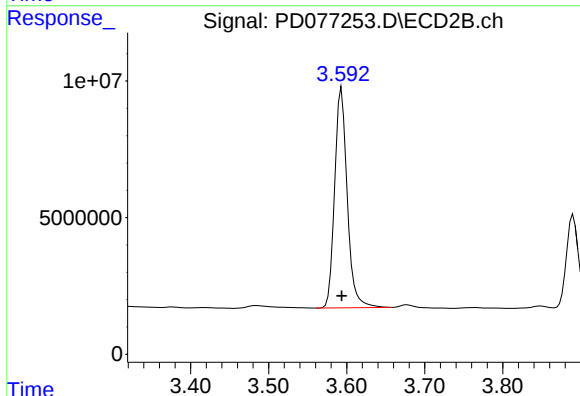
ClientSampleId :

ETGI-340MS

Manual Integrations

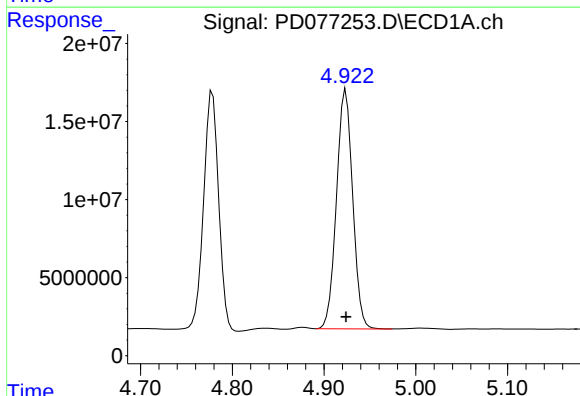
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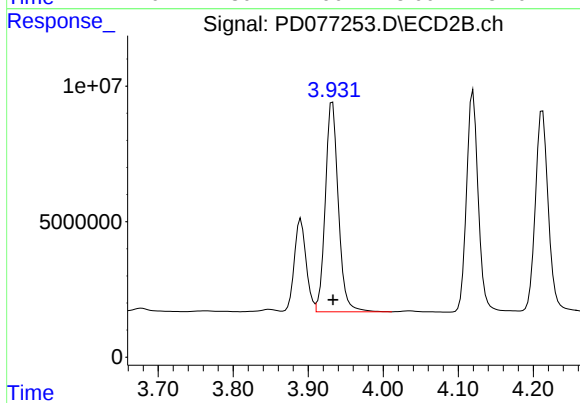
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 90117443
Conc: 48.44 ng/ml



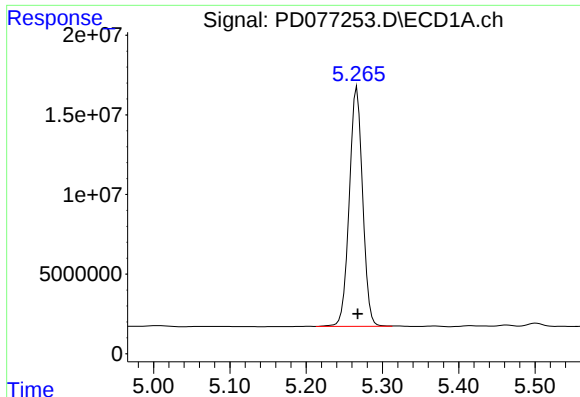
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 188340871
Conc: 52.23 ng/ml



#4 Heptachlor

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 93349589
Conc: 51.39 ng/ml



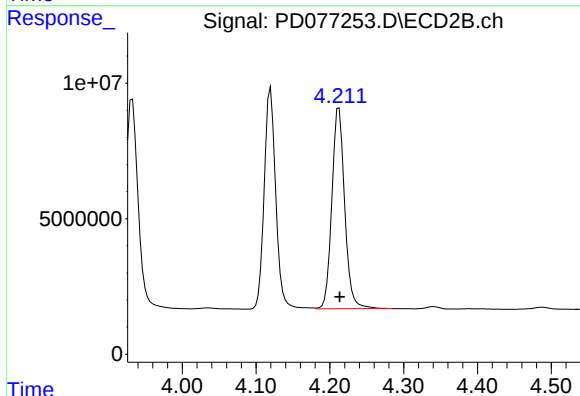
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 183067532
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

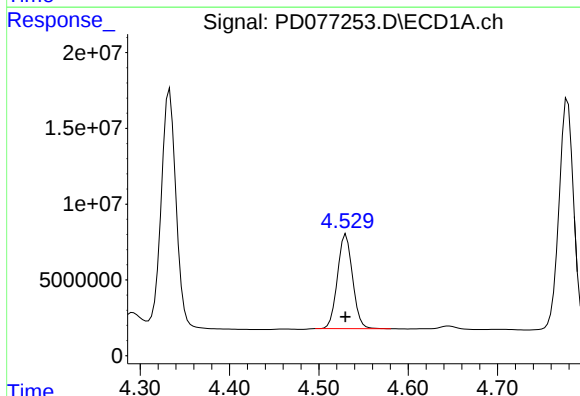
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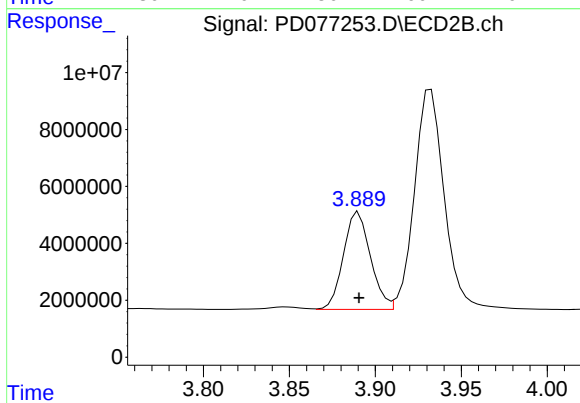
#5 Aldrin

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 89584680
Conc: 48.38 ng/ml



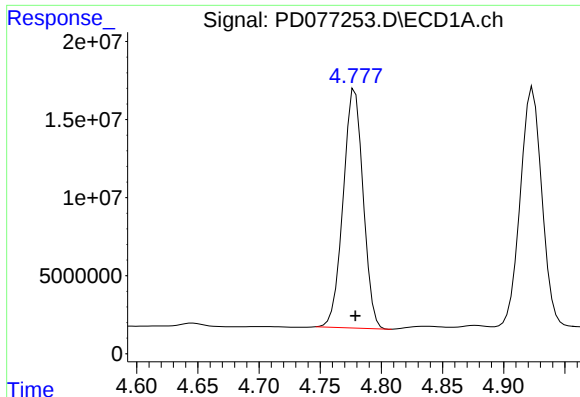
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 73045424
Conc: 48.54 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 37563078
Conc: 49.24 ng/ml



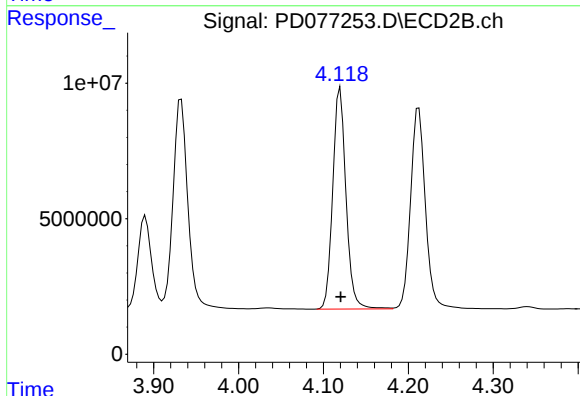
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 174228352
Conc: 49.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

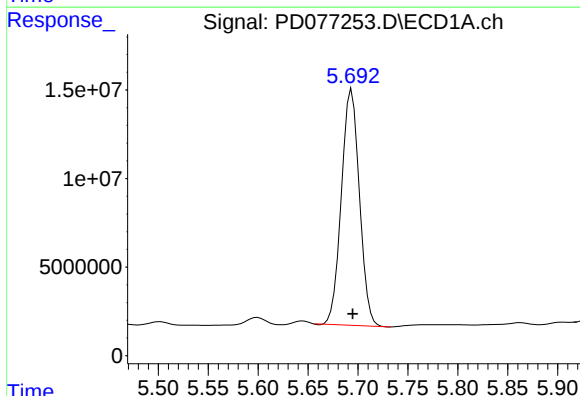
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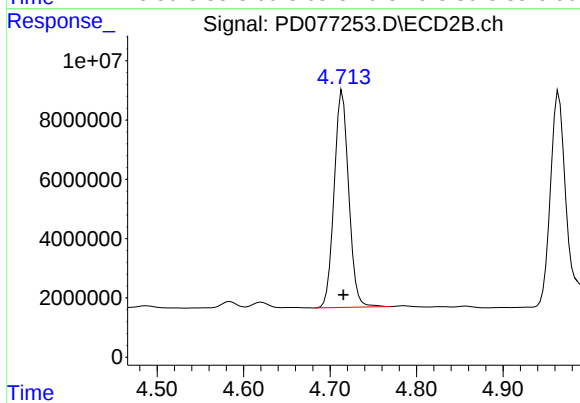
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 88558378
Conc: 49.77 ng/ml



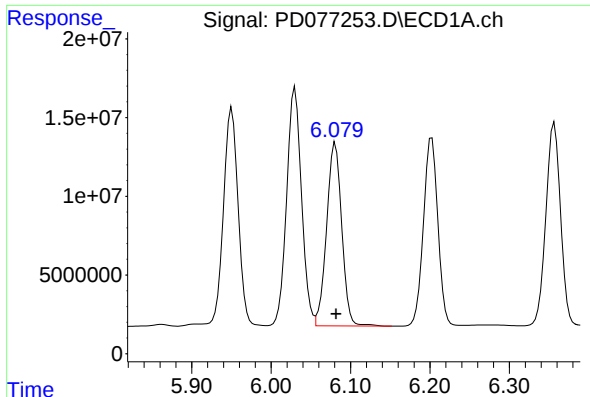
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: -0.001 min
Response: 167398337
Conc: 50.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 85151763
Conc: 50.92 ng/ml



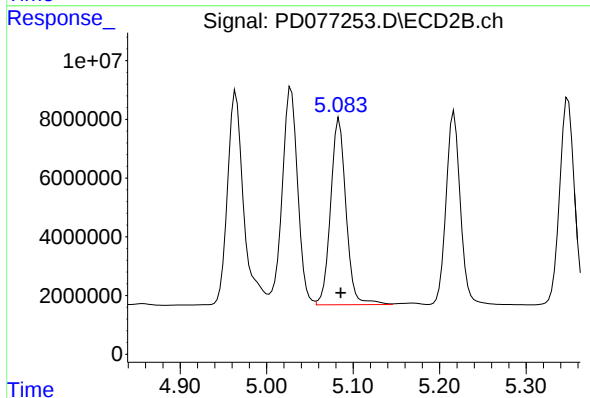
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 153804432
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

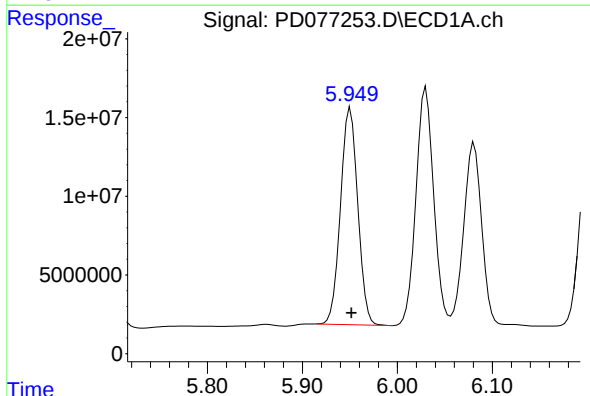
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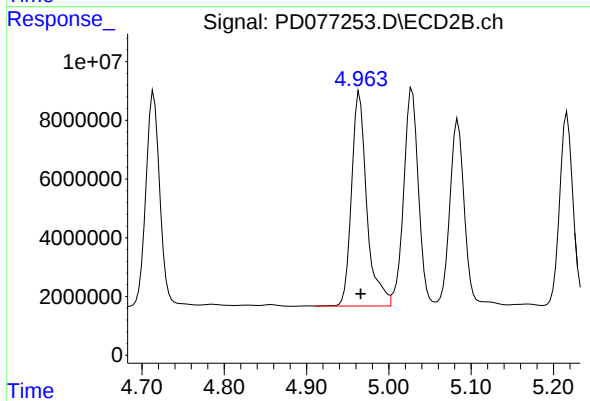
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 78446109
Conc: 50.29 ng/ml



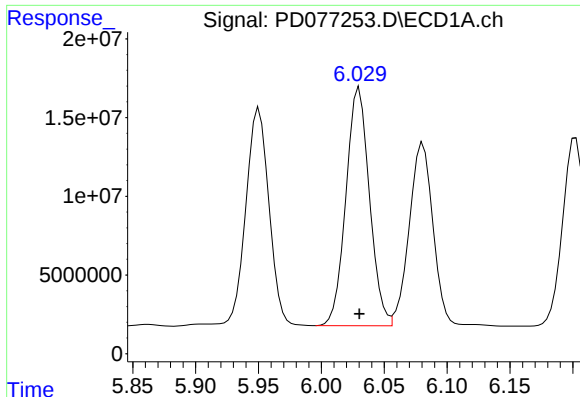
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 174408123
Conc: 53.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.001 min
Response: 94444382
Conc: 56.94 ng/ml



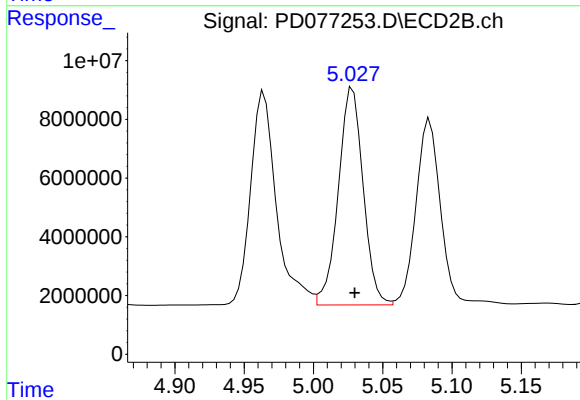
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 197136769
Conc: 60.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

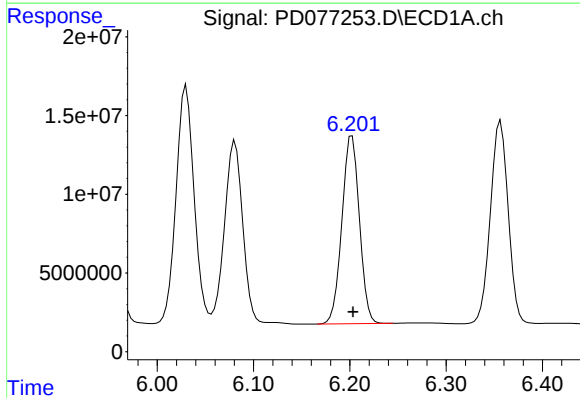
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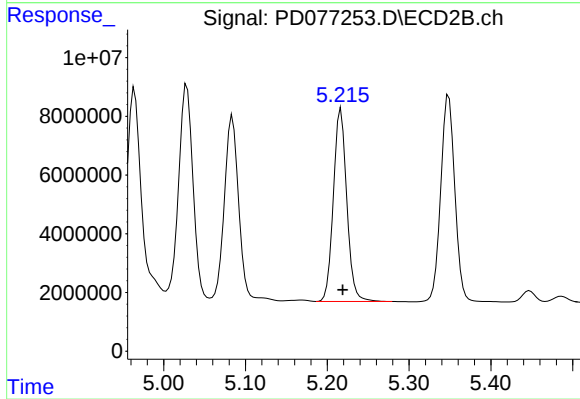
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 92367708
Conc: 55.31 ng/ml



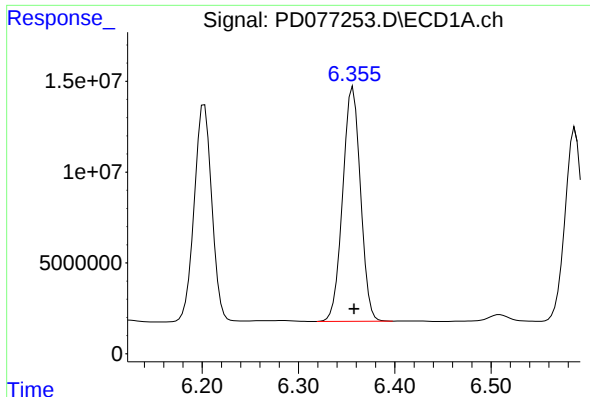
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 150259489
Conc: 50.65 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 74855990
Conc: 51.62 ng/ml



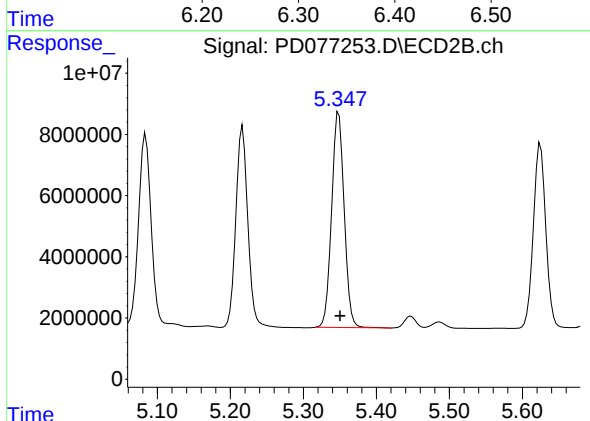
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 165086424
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

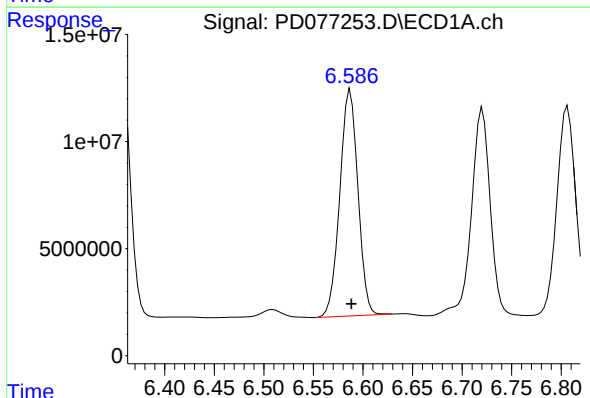
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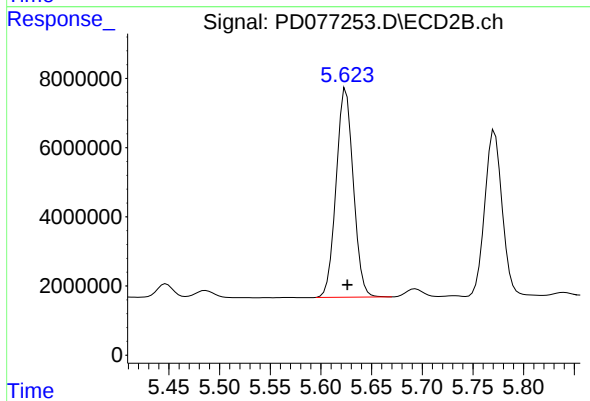
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 84263522
Conc: 50.02 ng/ml



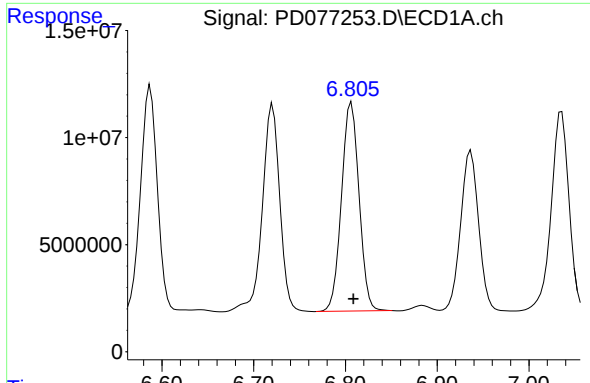
#14 Endrin

R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 134720432
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 71173972
Conc: 48.64 ng/ml



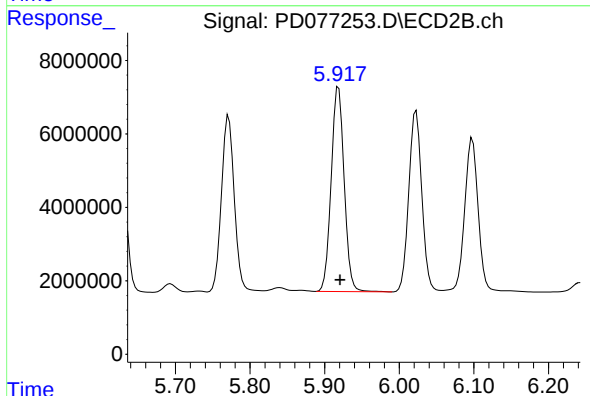
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 129130085
Conc: 40.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
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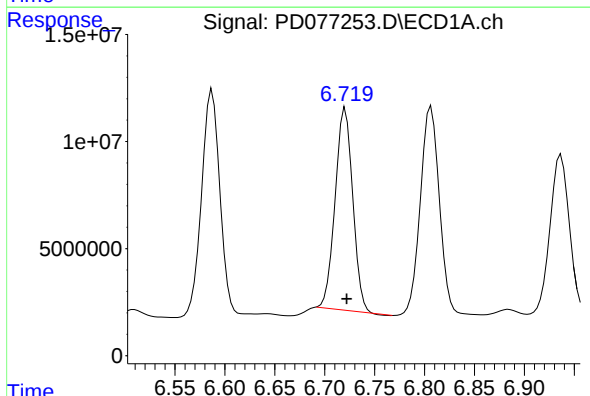
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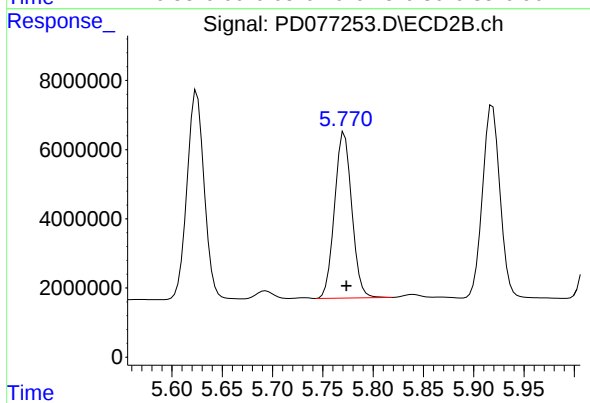
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 67662510
Conc: 45.90 ng/ml



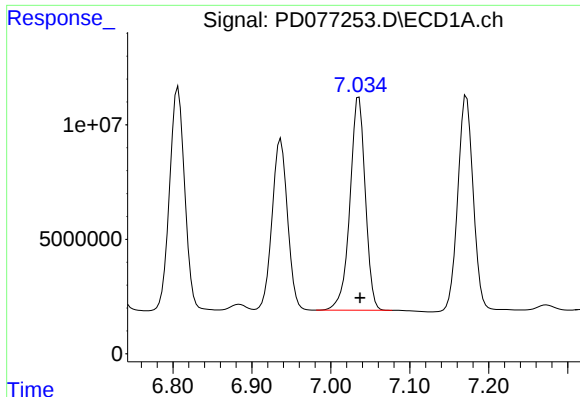
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 115966190
Conc: 49.29 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 57053062
Conc: 51.30 ng/ml



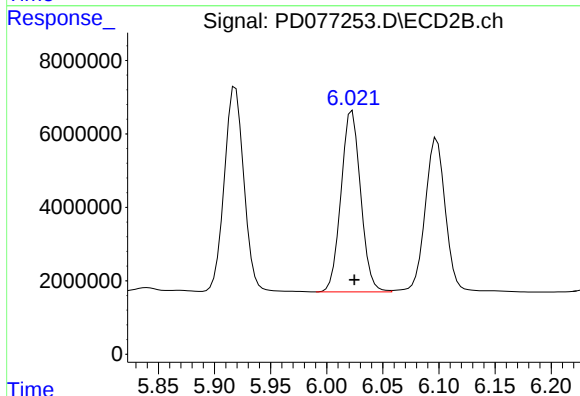
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 126059514
Conc: 51.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
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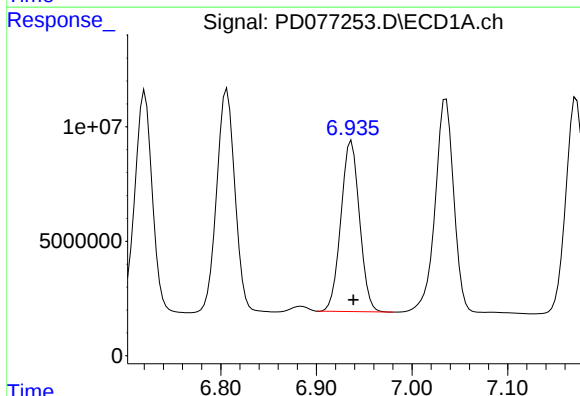
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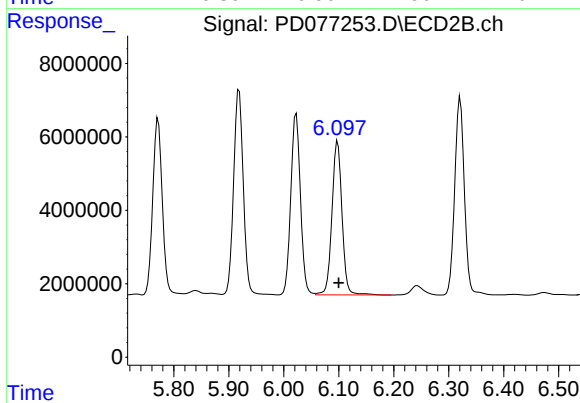
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 60038559
Conc: 54.01 ng/ml



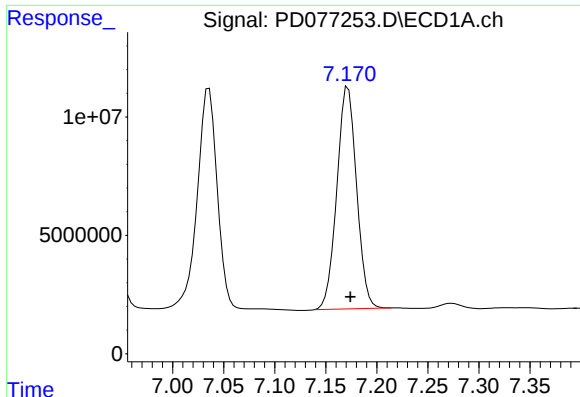
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 100981201
Conc: 46.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 53263048
Conc: 46.79 ng/ml



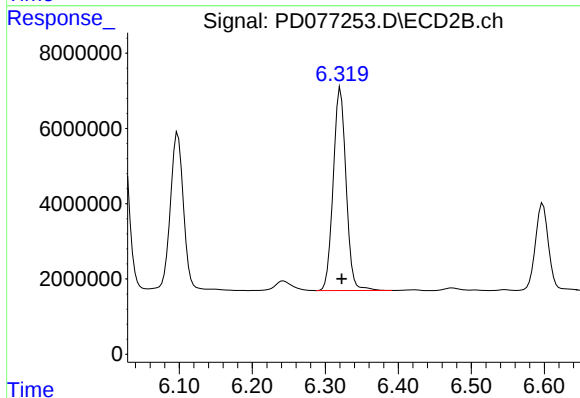
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 126273705
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

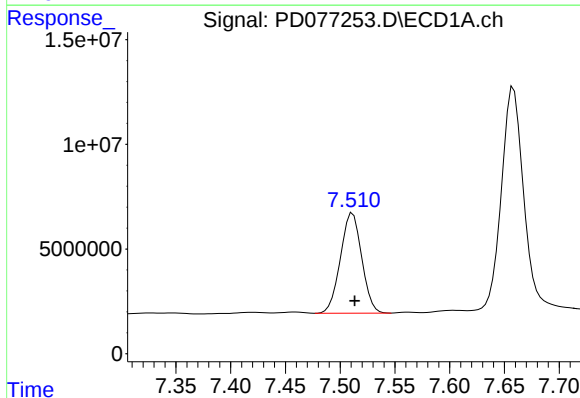
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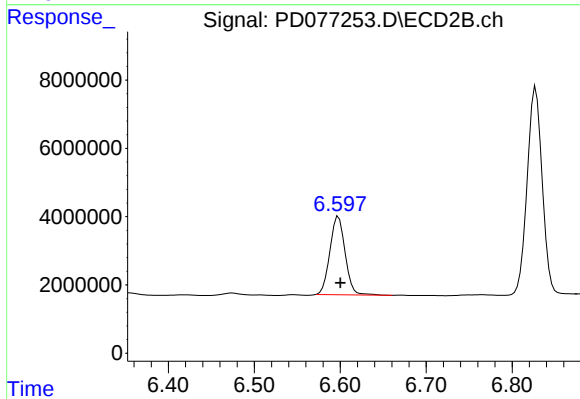
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 65874411
Conc: 49.39 ng/ml



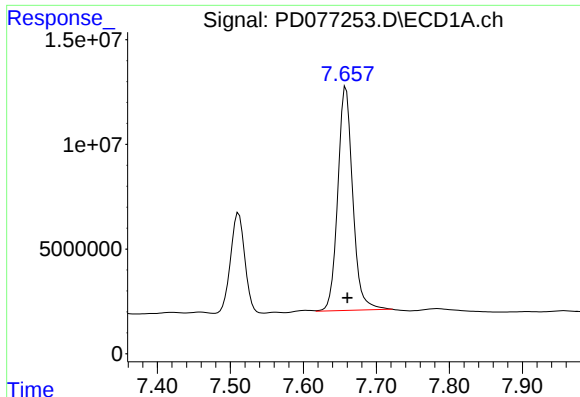
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 64665258
Conc: 45.64 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 28273774
Conc: 47.29 ng/ml



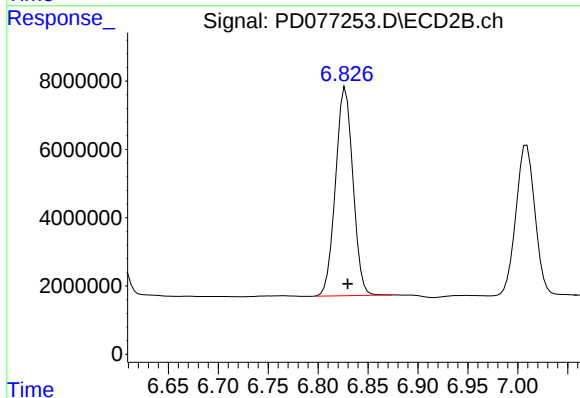
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 151726335
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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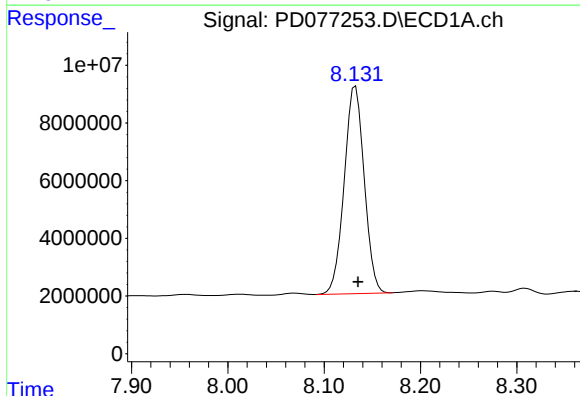
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/22/2023
Supervised By :Ankita Jodhani 08/22/2023



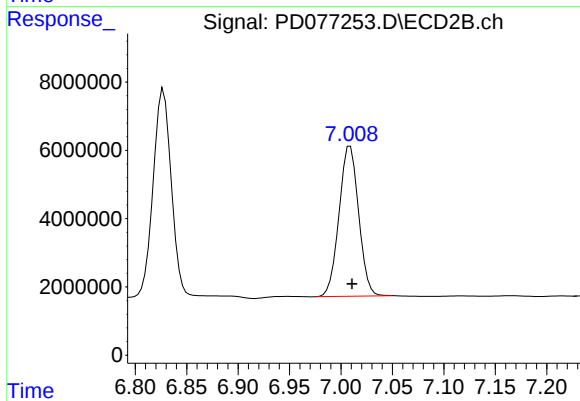
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 74076786
Conc: 46.72 ng/ml



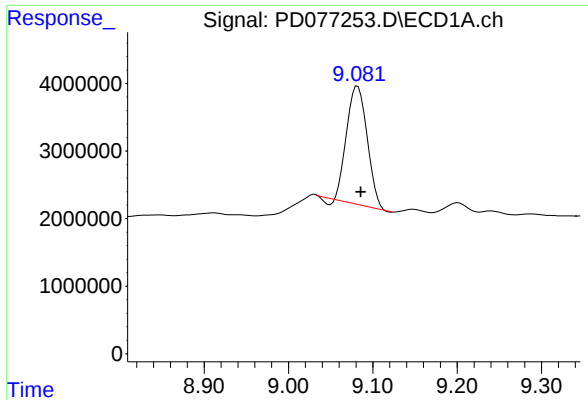
#22 Mirex

R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 103410347
Conc: 45.34 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 58261274
Conc: 45.00 ng/ml



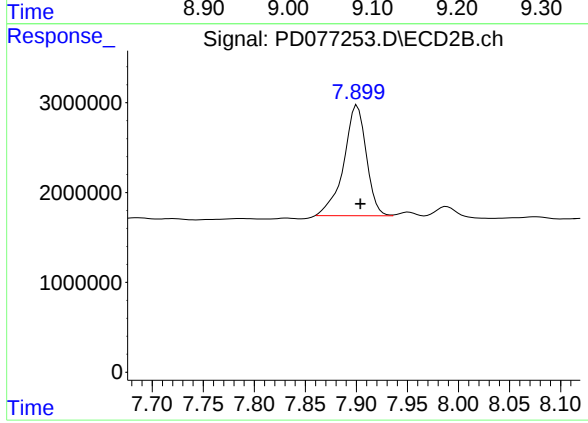
#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.004 min
Response: 29519705
Conc: 10.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MS

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.003 min
Response: 18900165
Conc: 13.21 ng/ml