

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 18:40
 Operator : AR\AJ
 Sample : P1345-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TT-278-IDWSO-20240201-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2024
 Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 04:12:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.566	2.795	23973792	42928277	16.888	17.945
28)	SA Decachlor...	9.115	7.934	29418055	39859676	14.618	14.965
Target Compounds							
2)	A alpha-BHC	4.023	3.297	105.9E6	176.9E6	42.647	46.108
3)	MA gamma-BHC...	4.357	3.626	104.2E6	167.9E6	42.589	44.916
4)	MA Heptachlor	4.950	3.967	110.2E6	163.4E6	44.692	47.388
5)	MB Aldrin	5.293	4.246	105.8E6	156.4E6	43.102	42.949m
6)	B beta-BHC	4.550	3.921	50287712	71684875	49.699m	45.876
7)	B delta-BHC	4.801	4.152	103.9E6	166.6E6	41.420	44.386
8)	B Heptachlo...	5.720	4.749	97037832	148.2E6	43.336	44.251
9)	A Endosulfan I	6.107	5.119	94229767	139.6E6	45.432	45.576
10)	B gamma-Chl...	5.976	4.999	100.8E6	151.2E6	46.064	46.220
11)	B alpha-Chl...	6.055	5.064	99698619	151.5E6	45.788	46.338
12)	B 4,4'-DDE	6.226	5.252	92042088	142.3E6	45.232	46.463
13)	MA Dieldrin	6.381	5.384	99499735	155.8E6	45.029	45.815
14)	MA Endrin	6.612	5.659	86993609	140.6E6	46.577	47.443
15)	B Endosulfa...	6.830	5.952	90249138	133.6E6	46.606	46.468
16)	A 4,4'-DDD	6.743	5.806	77565557	118.1E6	47.206	44.980
17)	MA 4,4'-DDT	7.058	6.057	85589285	122.0E6	48.060	45.985
18)	B Endrin al...	6.961	6.131	69630540	101.5E6	45.775	45.022
19)	B Endosulfa...	7.195	6.354	88829698	127.9E6	46.783	45.836
20)	A Methoxychlor	7.534	6.632	47129811	67657199	45.789	43.224
21)	B Endrin ke...	7.682	6.860	100.1E6	146.8E6	47.860	45.505
22)	Mirex	8.158	7.043	73262202	112.7E6	44.418	44.719

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

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Data File : PD081082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 18:40
Operator : AR\AJ
Sample : P1345-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

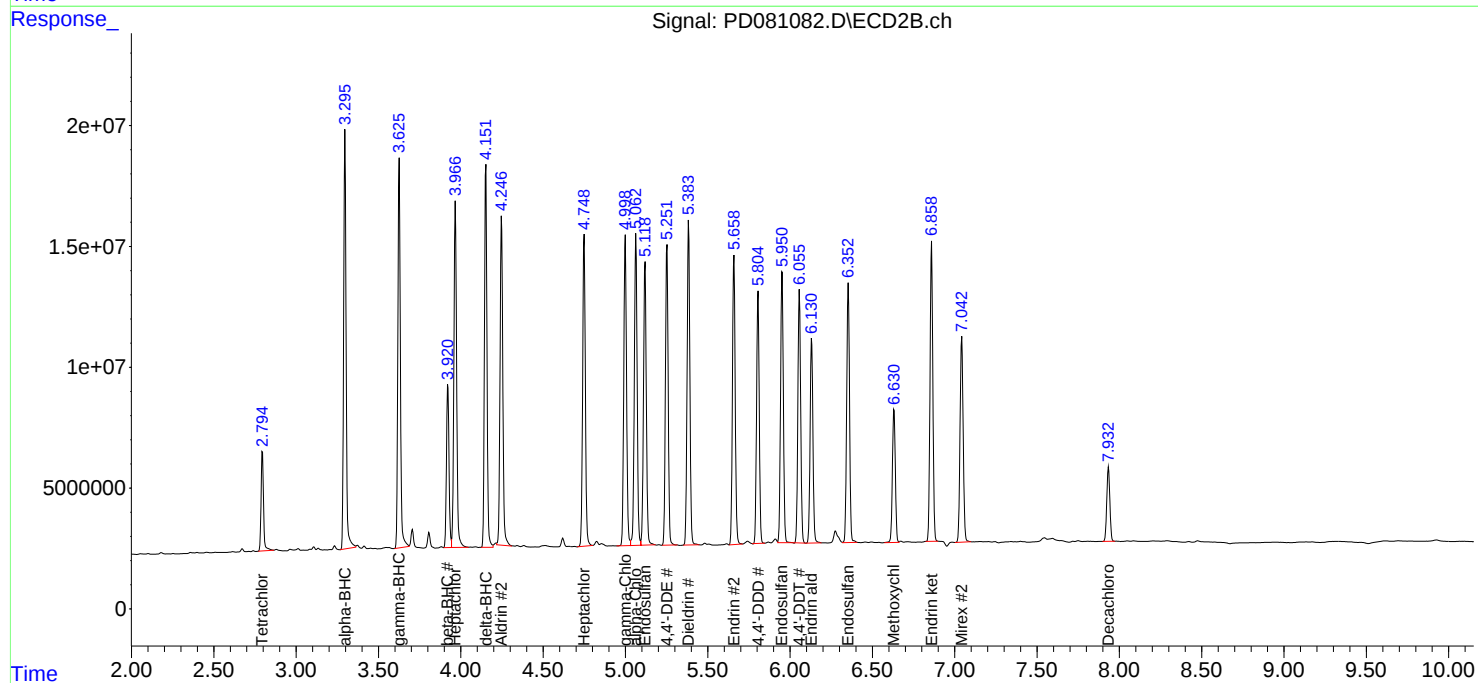
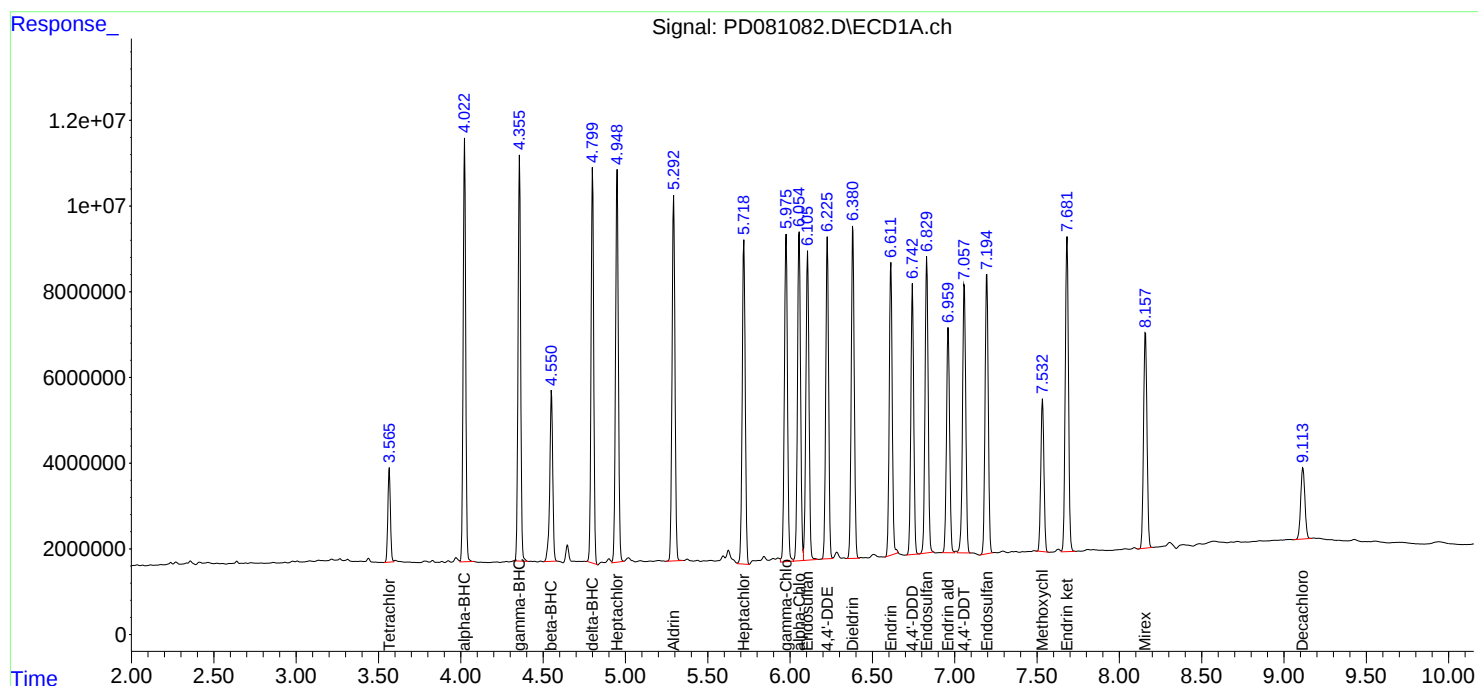
Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

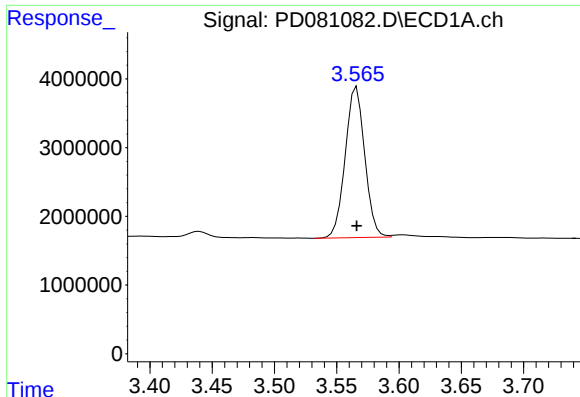
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 02/06/2024
Supervised By : Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 04:12:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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





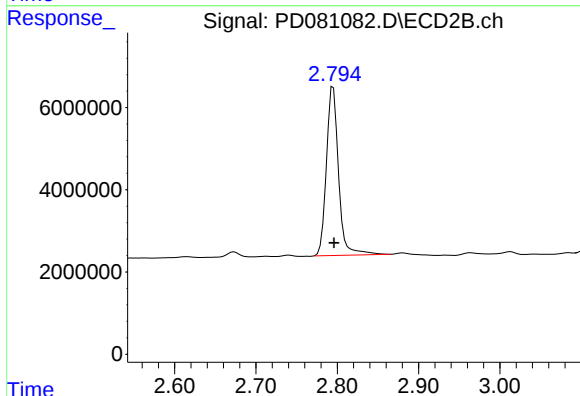
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 23973792
Conc: 16.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

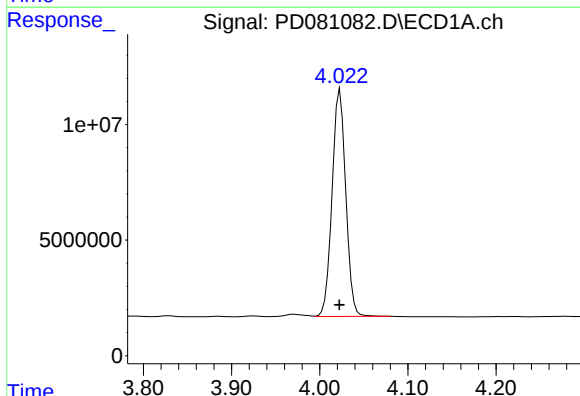
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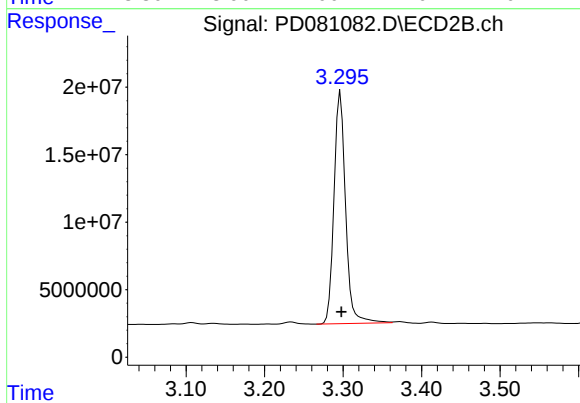
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 42928277
Conc: 17.95 ng/ml



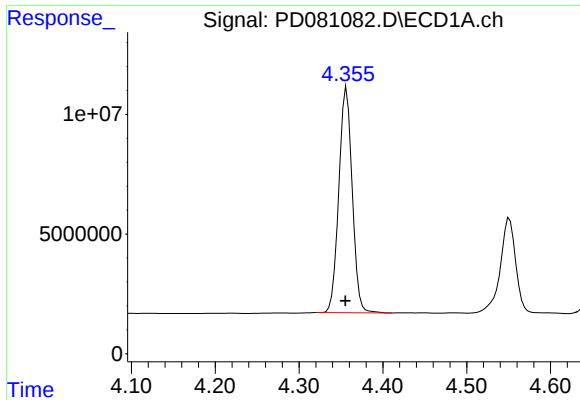
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 105927416
Conc: 42.65 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.001 min
Response: 176919863
Conc: 46.11 ng/ml



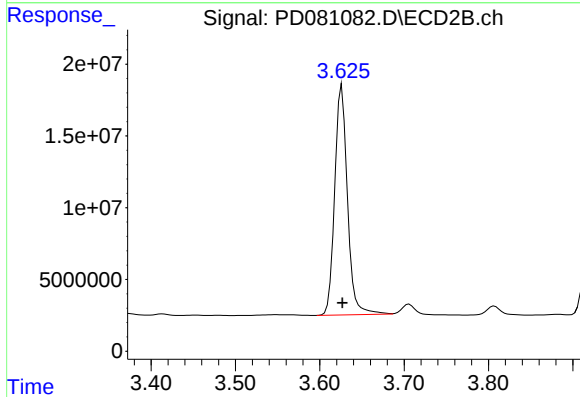
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 104242370
Conc: 42.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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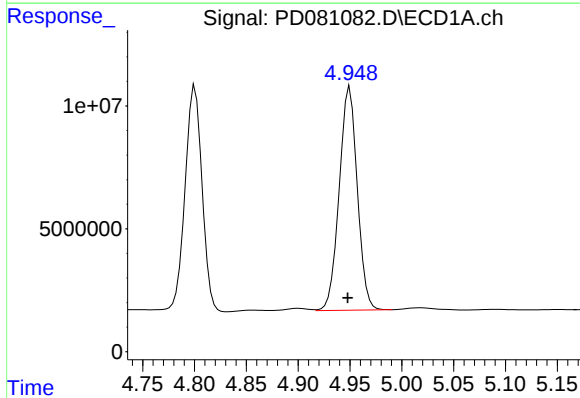
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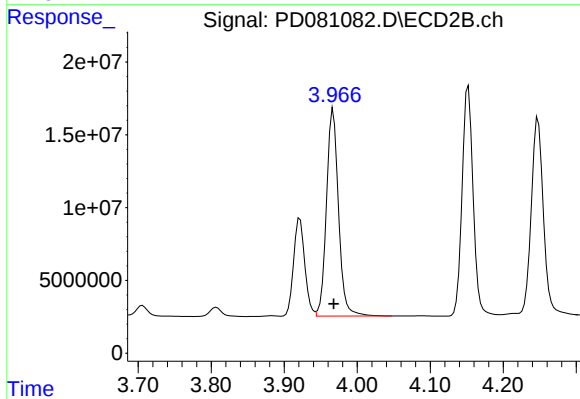
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 167938629
Conc: 44.92 ng/ml



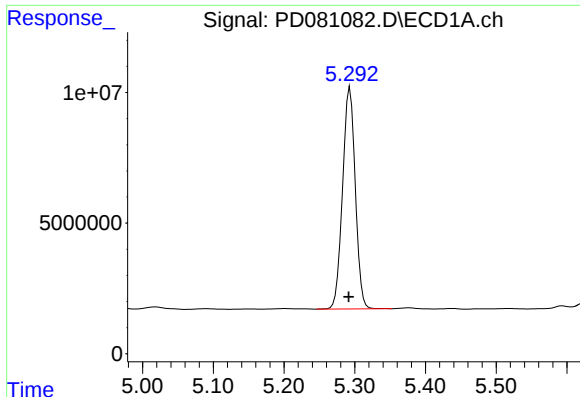
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 110225973
Conc: 44.69 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 163396382
Conc: 47.39 ng/ml



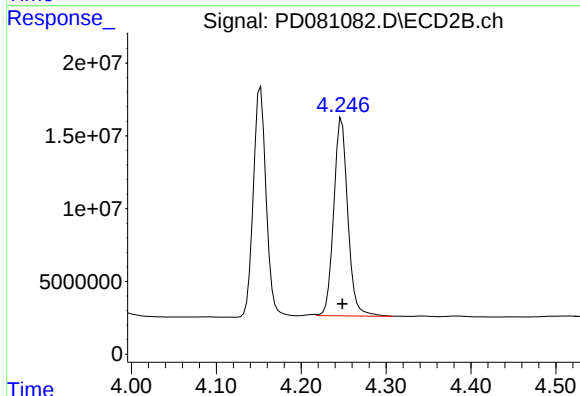
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.002 min
Response: 105798203
Conc: 43.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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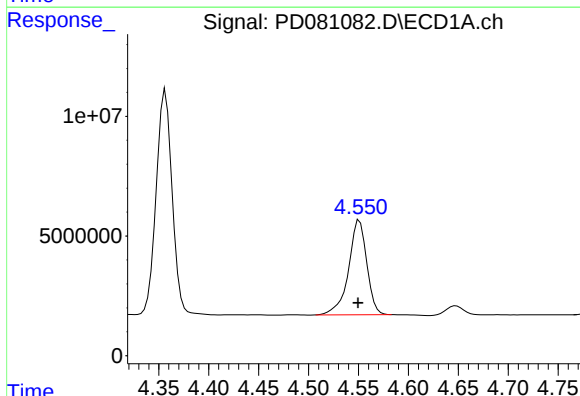
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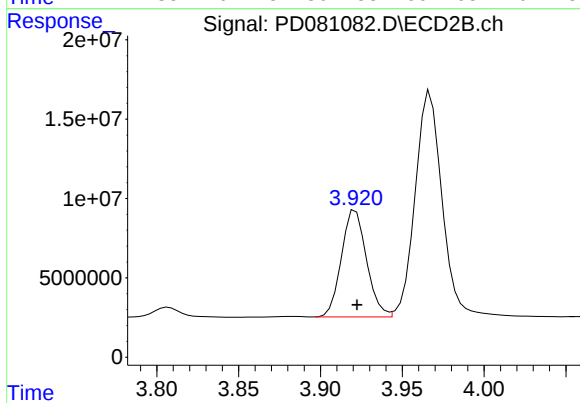
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 156419217
Conc: 42.95 ng/ml m



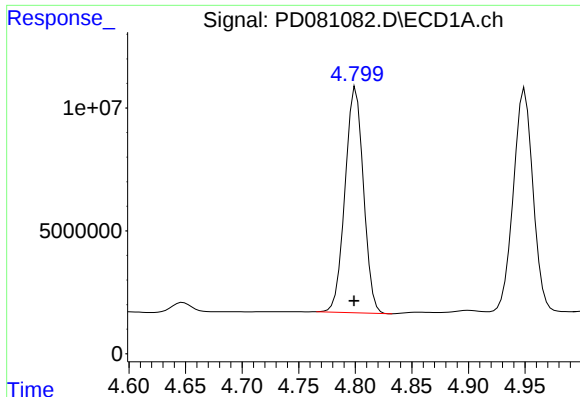
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 50287712
Conc: 49.70 ng/ml m



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 71684875
Conc: 45.88 ng/ml



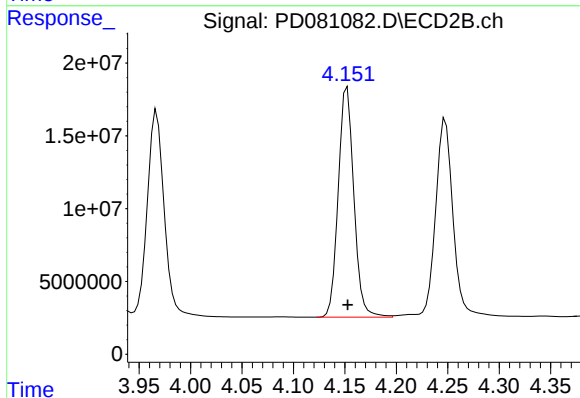
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 103915369
Conc: 41.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

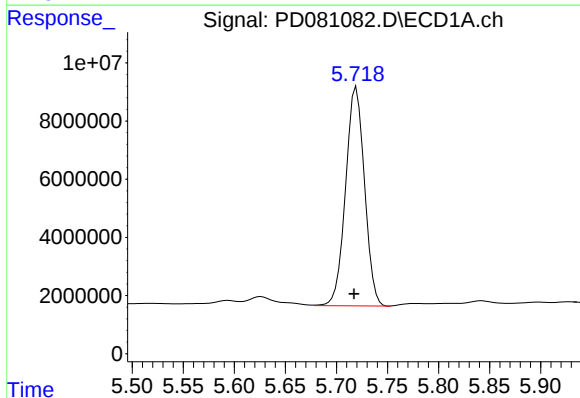
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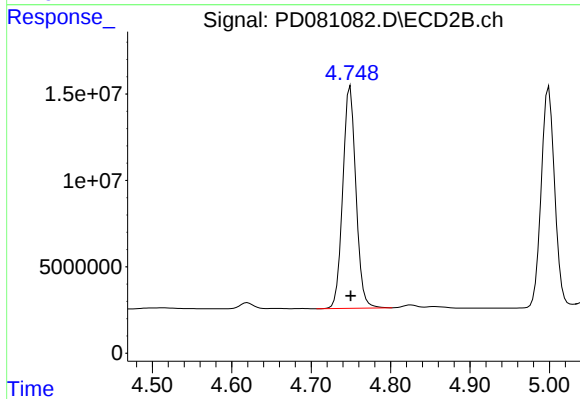
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 166581263
Conc: 44.39 ng/ml



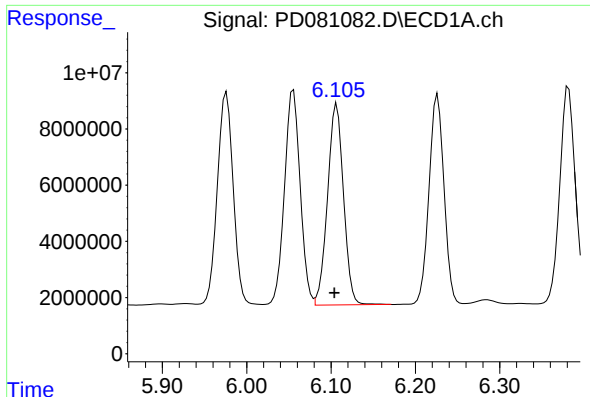
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 97037832
Conc: 43.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 148217102
Conc: 44.25 ng/ml



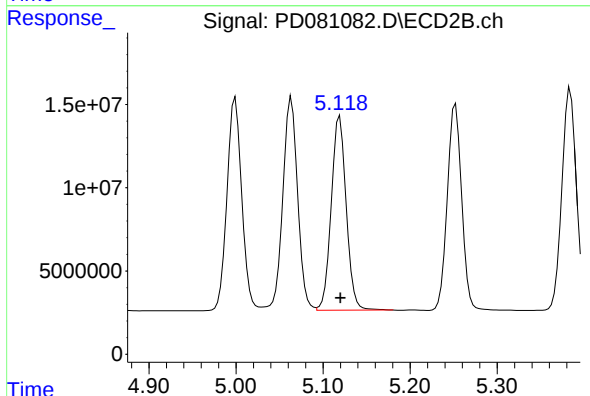
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 94229767
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

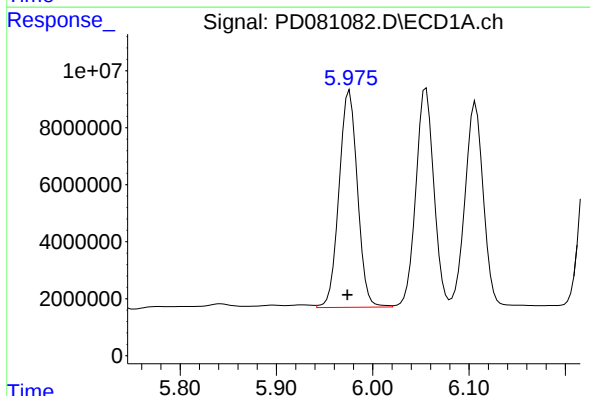
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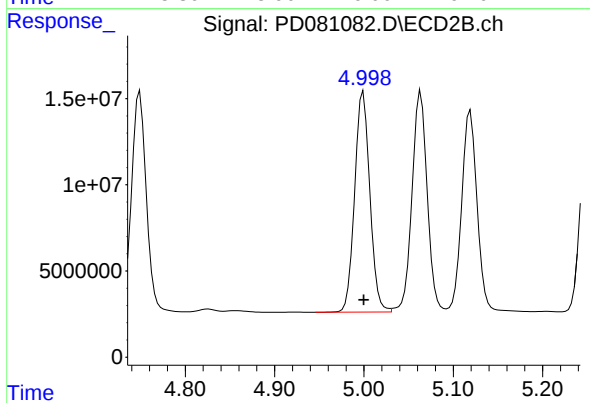
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 139587427
Conc: 45.58 ng/ml



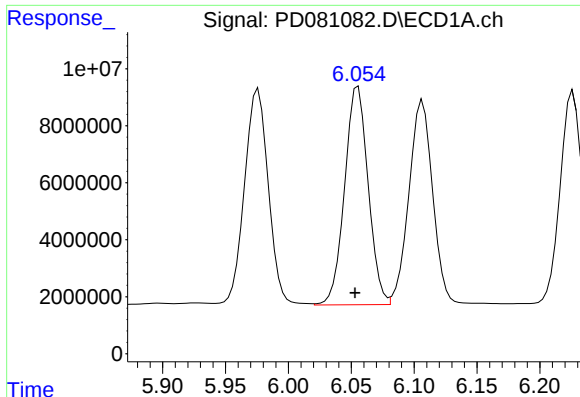
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 100839719
Conc: 46.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 151185697
Conc: 46.22 ng/ml



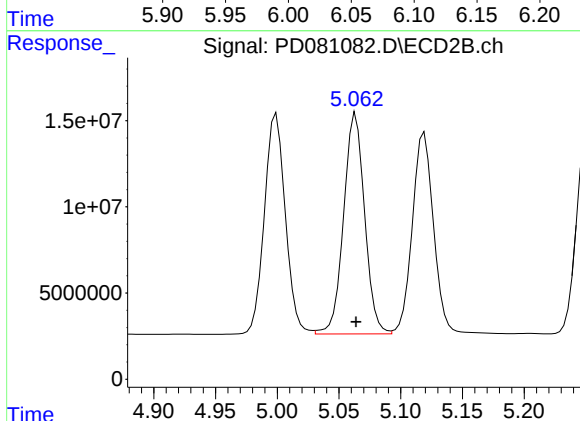
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 99698619
Conc: 45.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

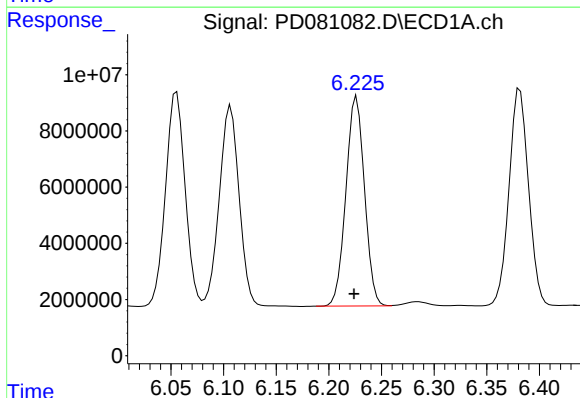
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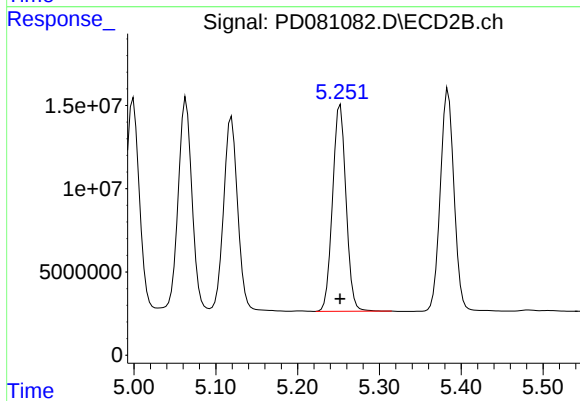
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 151504928
Conc: 46.34 ng/ml



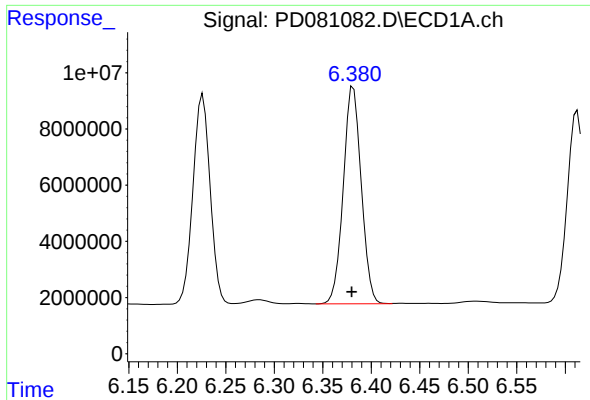
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 92042088
Conc: 45.23 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 142327250
Conc: 46.46 ng/ml



#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 99499735
Conc: 45.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

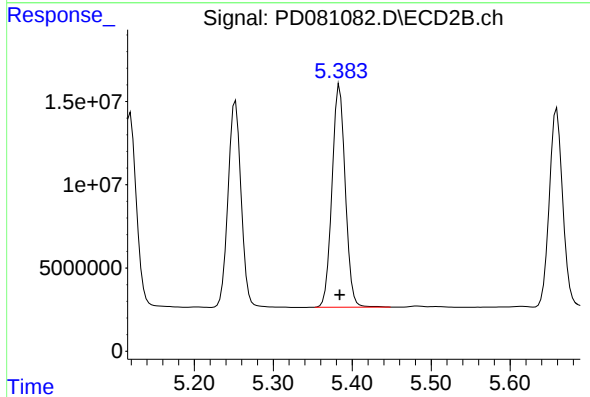
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Manual Integrations

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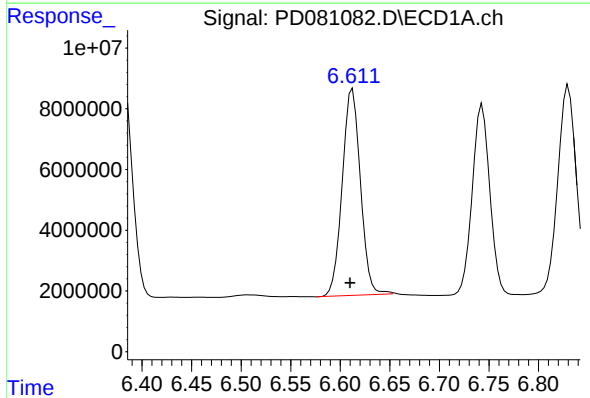
Reviewed By :Abdul Mirza 02/06/2024

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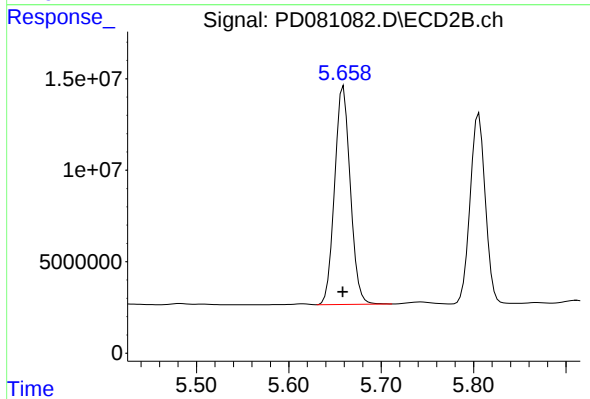
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 155808393
Conc: 45.82 ng/ml



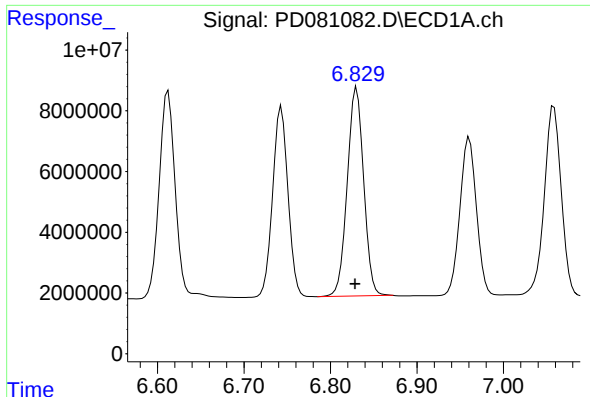
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 86993609
Conc: 46.58 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 140590891
Conc: 47.44 ng/ml



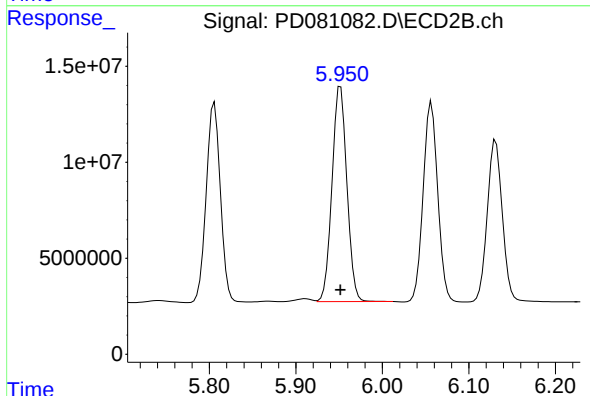
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 90249138
Conc: 46.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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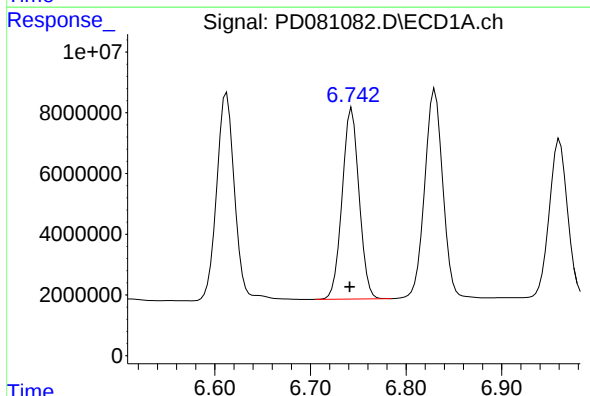
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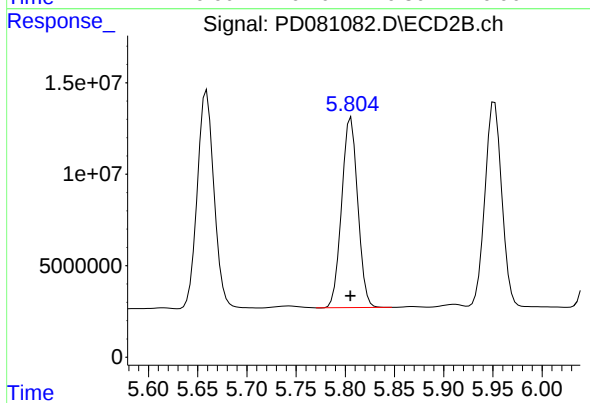
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 133637982
Conc: 46.47 ng/ml



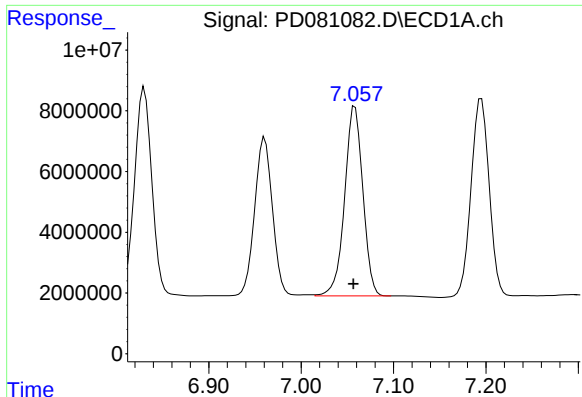
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 77565557
Conc: 47.21 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 118084679
Conc: 44.98 ng/ml



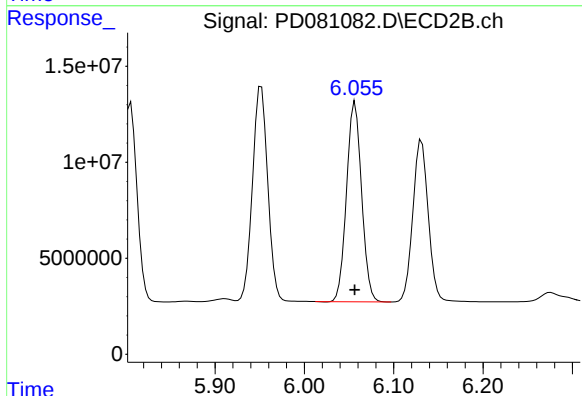
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 85589285
Conc: 48.06 ng/ml

Instrument :
ECD_D
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TT-278-IDWSO-20240201-1MS

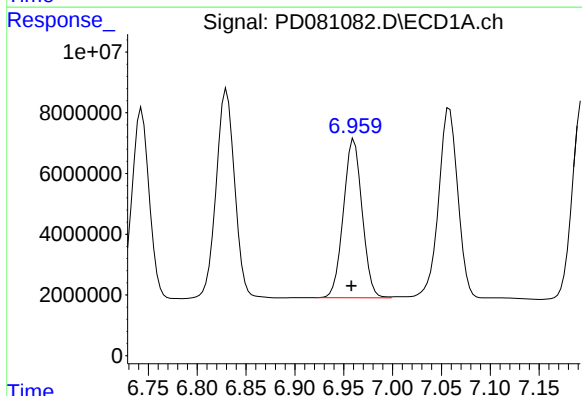
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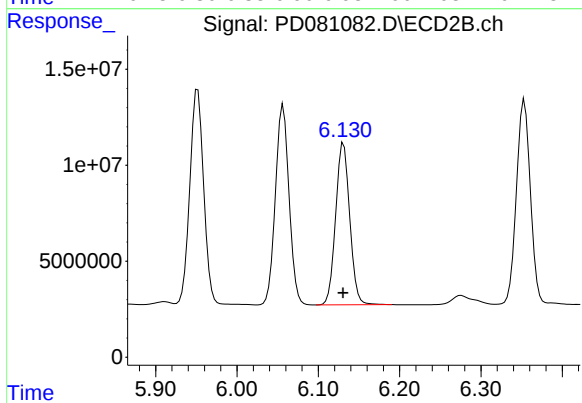
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 122001917
Conc: 45.99 ng/ml



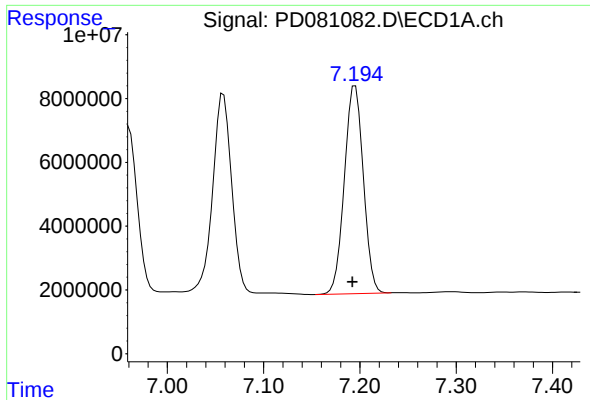
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 69630540
Conc: 45.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 101508885
Conc: 45.02 ng/ml



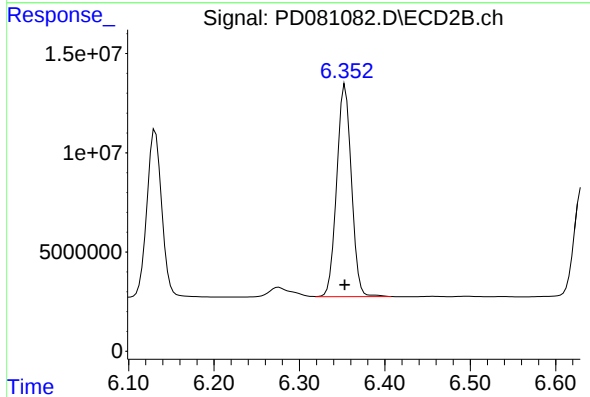
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 88829698
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
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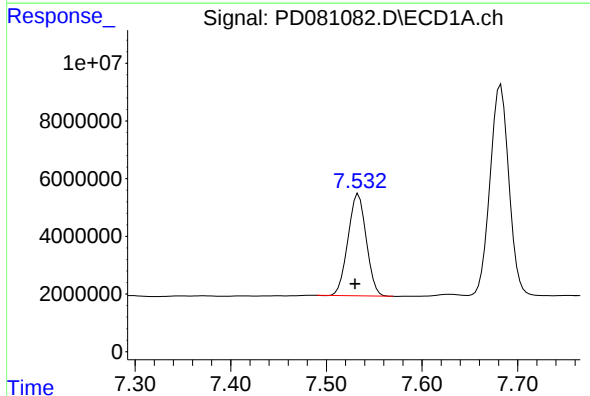
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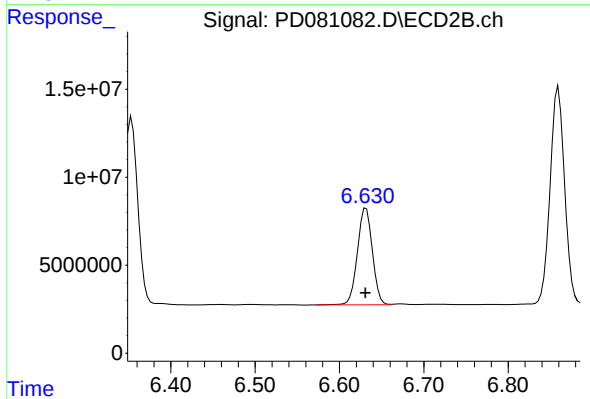
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 127854297
Conc: 45.84 ng/ml



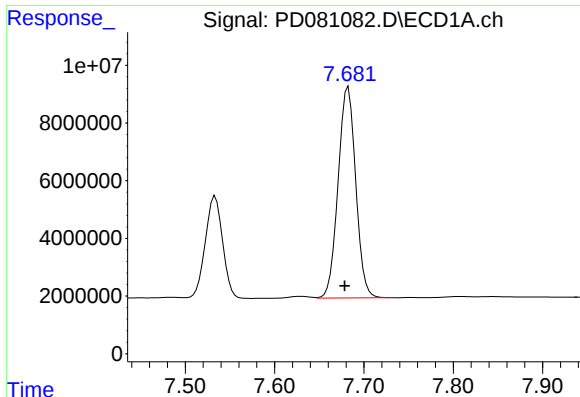
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 47129811
Conc: 45.79 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 67657199
Conc: 43.22 ng/ml



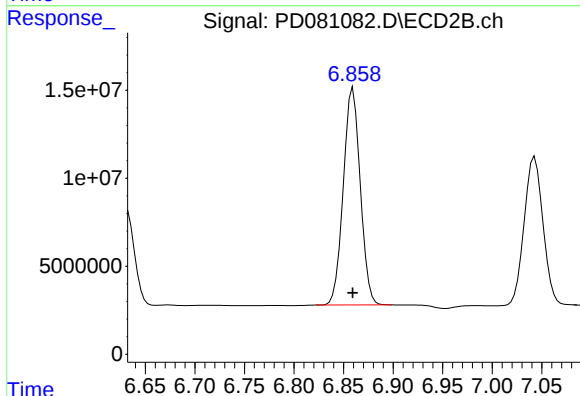
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 100085517
Conc: 47.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

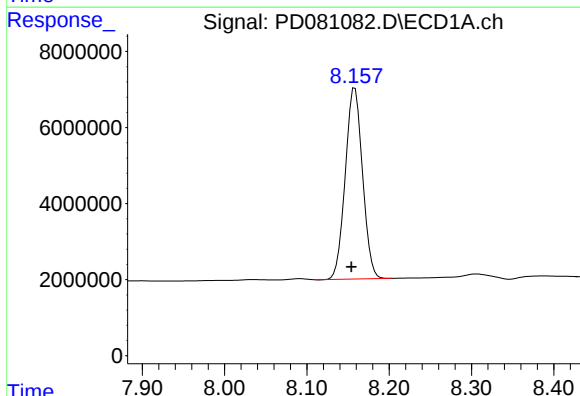
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2024
Supervised By :Ankita Jodhani 02/06/2024



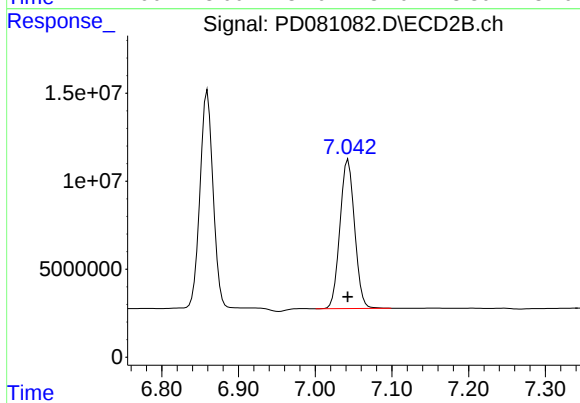
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 146845184
Conc: 45.51 ng/ml



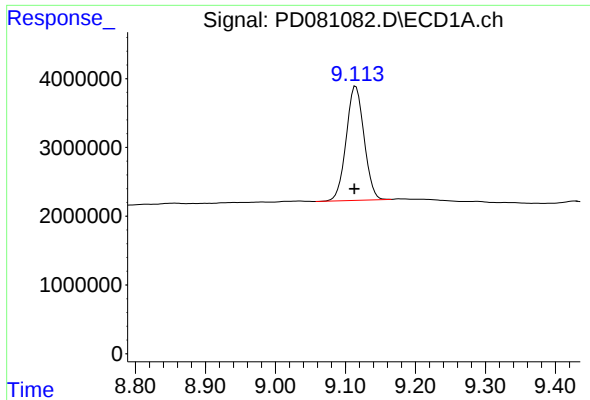
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 73262202
Conc: 44.42 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 112690224
Conc: 44.72 ng/ml



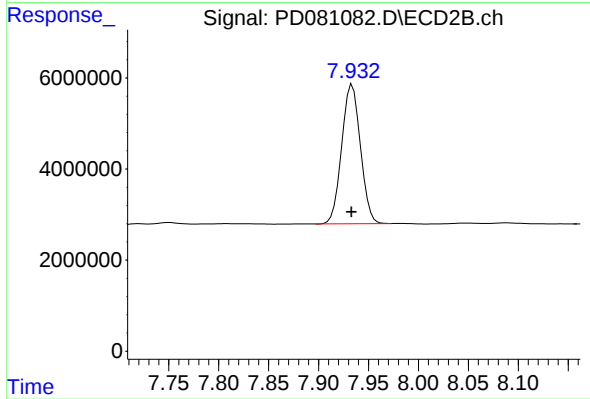
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 29418055
Conc: 14.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2024
Supervised By :Ankita Jodhani 02/06/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 39859676
Conc: 14.96 ng/ml