

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
 Data File : PD071840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 01:53
 Operator : AR\AJ
 Sample : PB147508BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB147508BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:40:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.804	3.563	37562911	495.5E6	15.361	17.266
28)	SA Decachlor...	7.994	9.087	39304032	168.3E6	15.601	18.098
Target Compounds							
2)	A alpha-BHC	3.313	4.029	176.2E6	1856.8E6	45.711	46.272
3)	MA gamma-BHC...	3.646	4.364	160.0E6	1514.9E6	45.584	46.140
4)	MA Heptachlor	3.993	4.941	169.3E6	1129.0E6	45.277	46.725
5)	MB Aldrin	4.276	5.284	166.9E6	941.5E6	45.567	46.444
6)	B beta-BHC	3.945	4.570	65874500	597.0E6	43.479	45.170
7)	B delta-BHC	4.179	4.818	155.7E6	1150.0E6	44.176	49.200
8)	B Heptachlo...	4.783	5.715	150.8E6	796.4E6	46.119	51.649
9)	A Endosulfan I	5.156	6.102	142.1E6	687.3E6	44.725	46.621m
10)	B gamma-Chl...	5.036	5.968	154.7E6	747.0E6	45.889	46.492m
11)	B alpha-Chl...	5.100	6.046	152.3E6	727.8E6	45.904	46.646m
12)	B 4,4'-DDE	5.291	6.220	143.3E6	700.8E6	46.836	47.571
13)	MA Dieldrin	5.423	6.380	152.1E6	716.1E6	45.471	47.244
14)	MA Endrin	5.700	6.612	132.9E6	559.9E6	44.846	44.328
15)	B Endosulfa...	5.995	6.838	119.4E6	561.4E6	43.352	45.338
16)	A 4,4'-DDD	5.848	6.745	121.1E6	575.9E6	47.761	48.454
17)	MA 4,4'-DDT	6.102	7.055	120.8E6	581.1E6	45.913	47.036
18)	B Endrin al...	6.176	6.970	95346543	447.3E6	43.114	46.326
19)	B Endosulfa...	6.400	7.202	119.3E6	531.7E6	44.484	47.676
20)	A Methoxychlor	6.681	7.531	64935391	305.2E6	43.367	50.200m
21)	B Endrin ke...	6.910	7.694	136.8E6	593.7E6	45.601	47.738
22)	Mirex	7.096	8.156	104.5E6	402.6E6	44.322	46.492

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
Data File : PD071840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 01:53
Operator : AR\AJ
Sample : PB147508BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

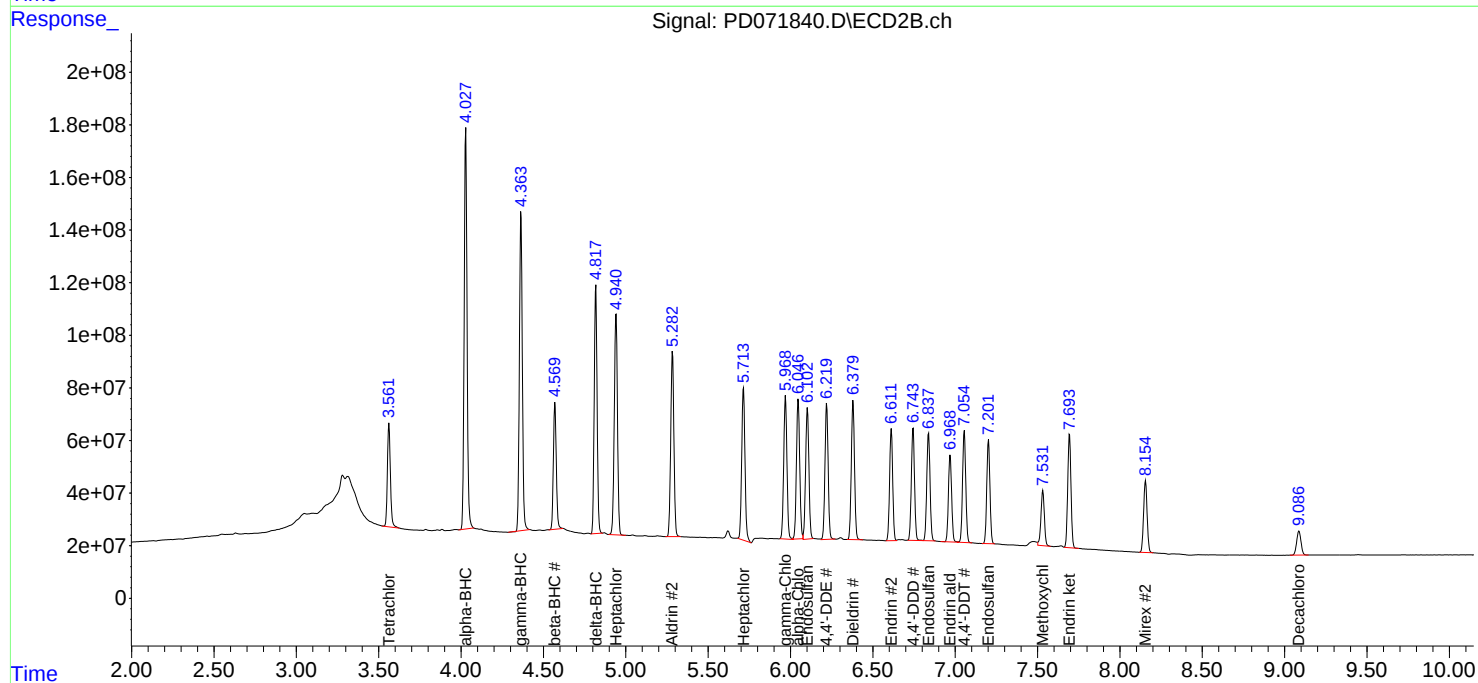
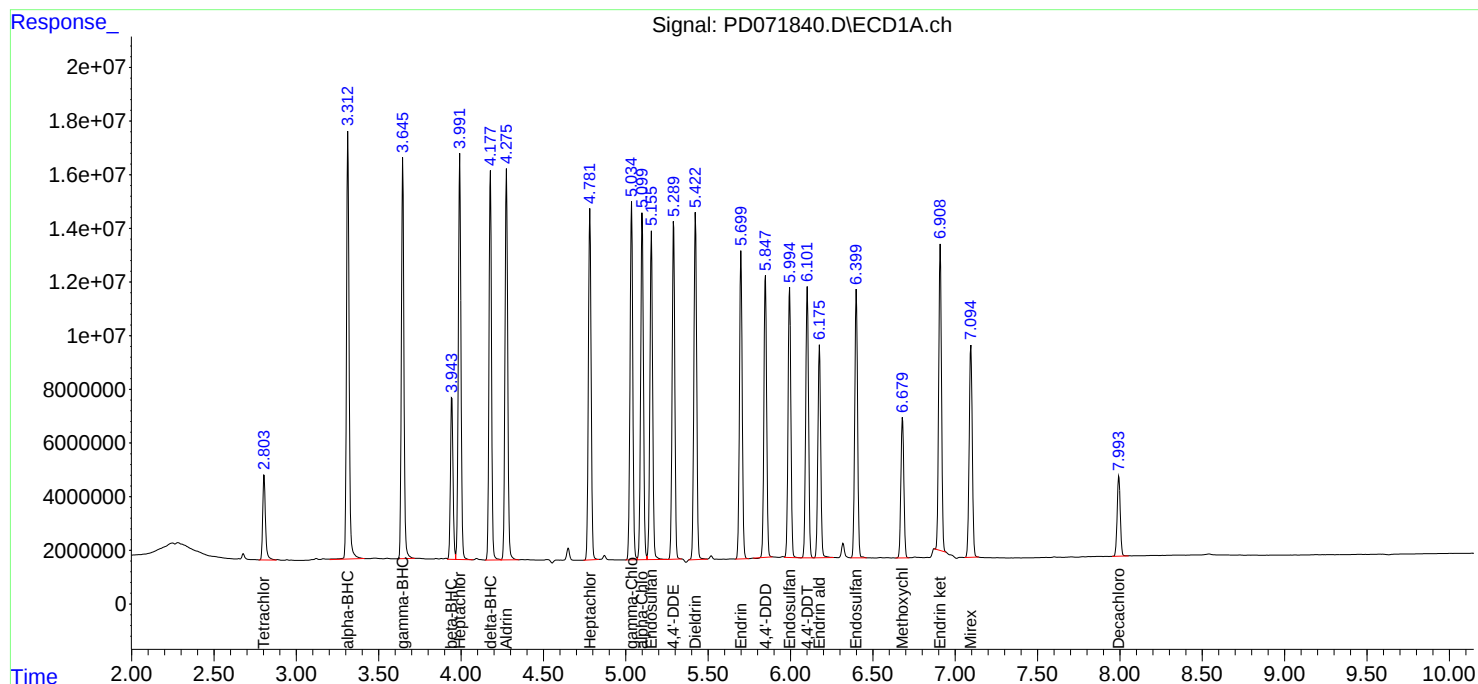
Instrument :
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ClientSampleId :
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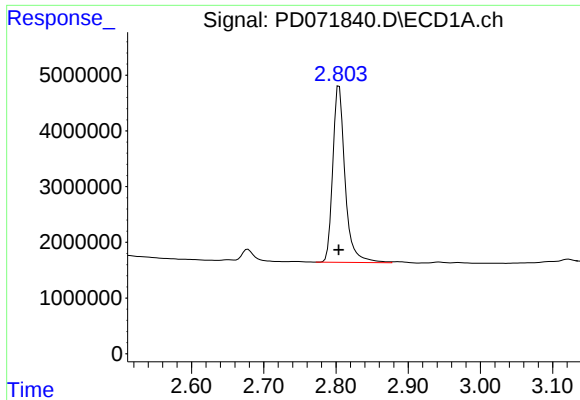
Manual Integrations
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Supervised By :Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 05:40:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
Response via : Initial Calibration
Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





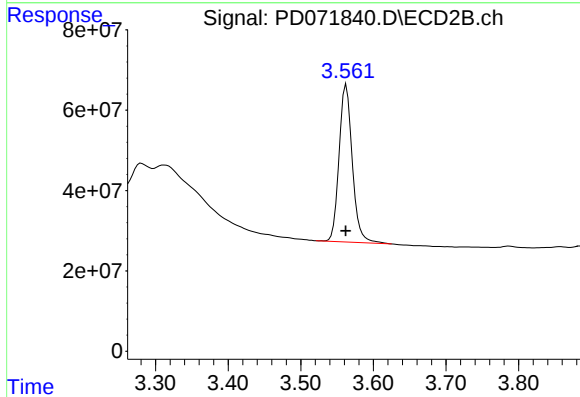
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 37562911
Conc: 15.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

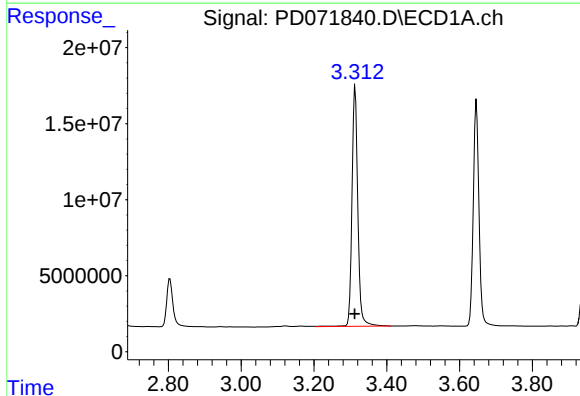
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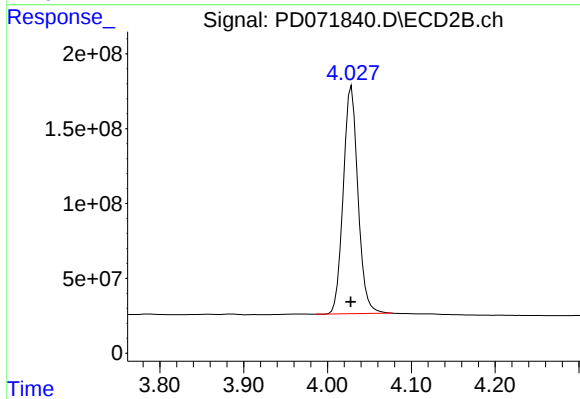
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 495456136
Conc: 17.27 ng/ml



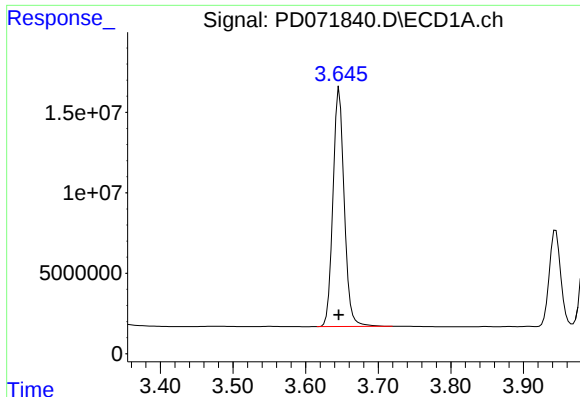
#2 alpha-BHC

R.T.: 3.313 min
Delta R.T.: 0.001 min
Response: 176161198
Conc: 45.71 ng/ml



#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 1856847162
Conc: 46.27 ng/ml



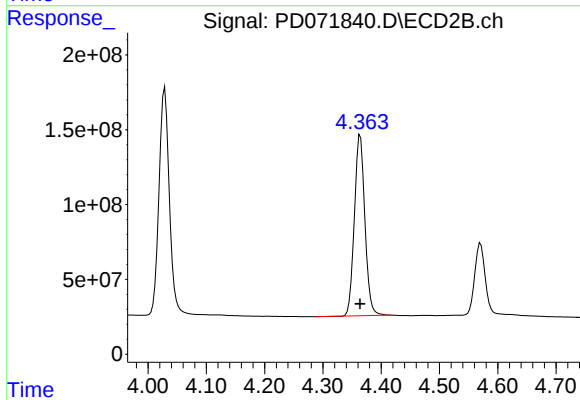
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 160049682
Conc: 45.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

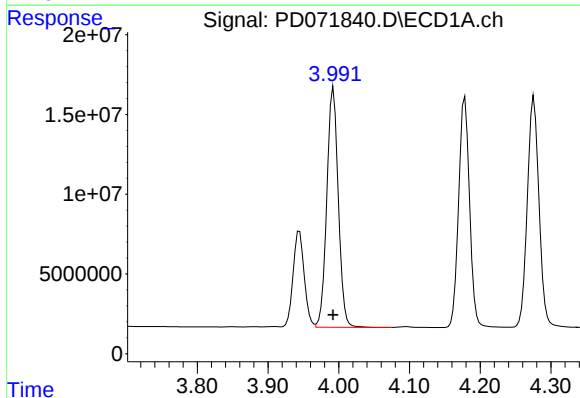
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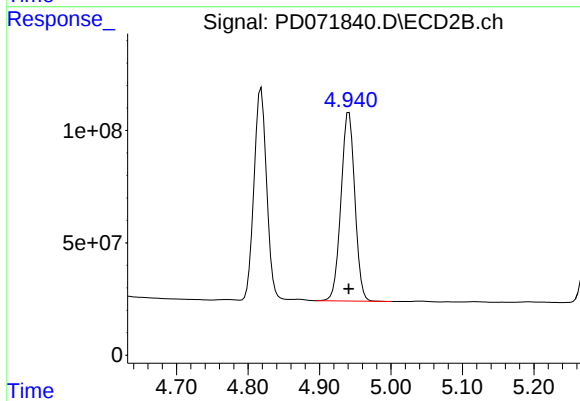
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1514903546
Conc: 46.14 ng/ml



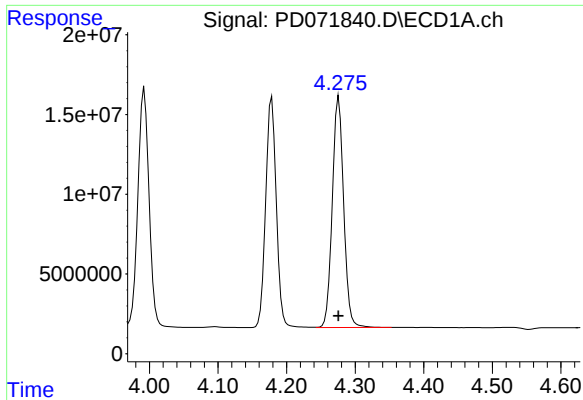
#4 Heptachlor

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 169278005
Conc: 45.28 ng/ml



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1128979322
Conc: 46.73 ng/ml



#5 Aldrin

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 166859479
Conc: 45.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

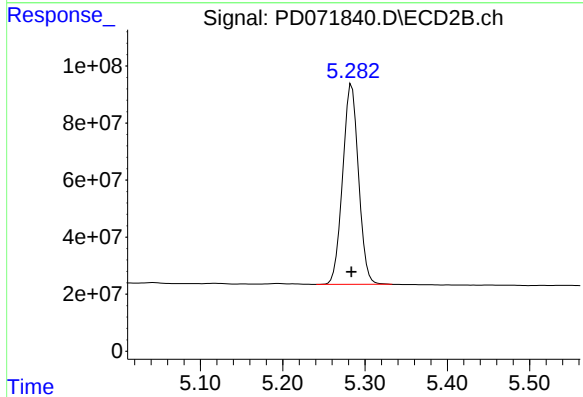
PB147508BS

Manual Integrations

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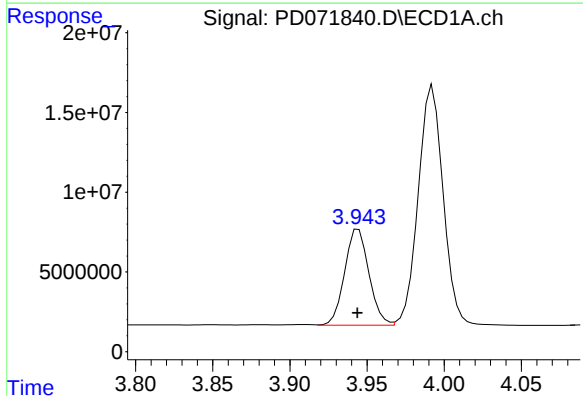
Reviewed By :Abdul Mirza 09/14/2022

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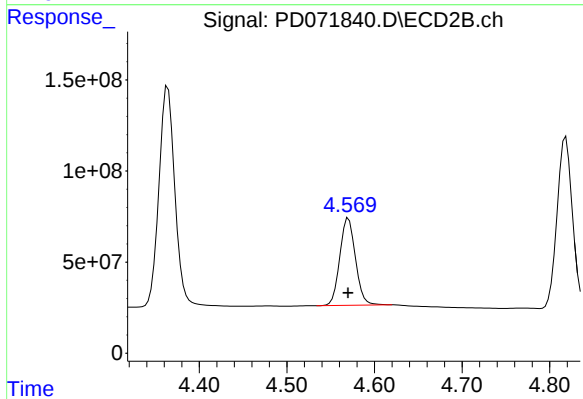
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 941511684
Conc: 46.44 ng/ml



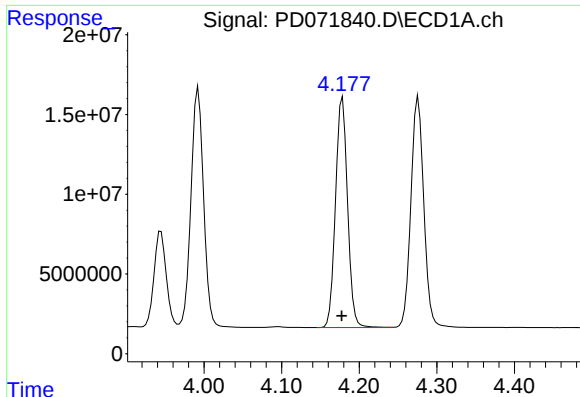
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 65874500
Conc: 43.48 ng/ml



#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 597001311
Conc: 45.17 ng/ml



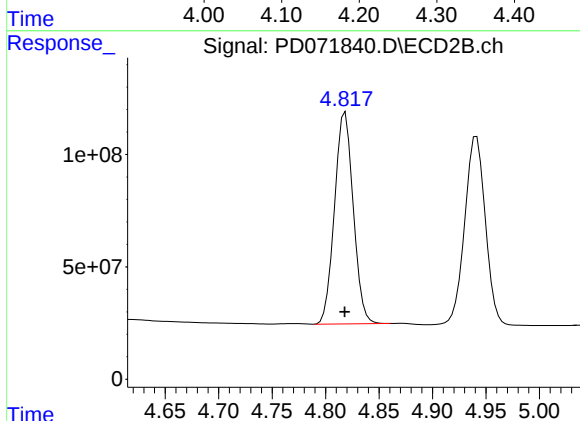
#7 delta-BHC

R.T.: 4.179 min
Delta R.T.: 0.001 min
Response: 155679240
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

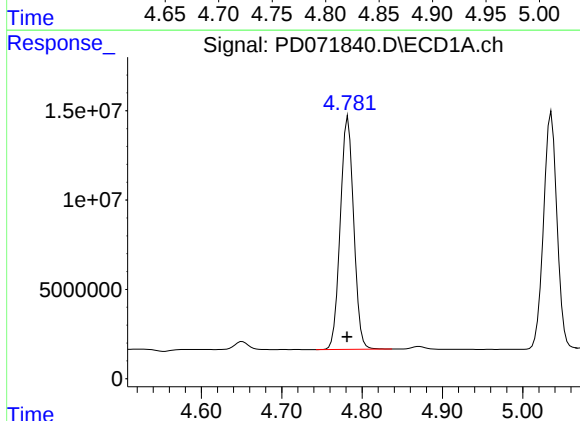
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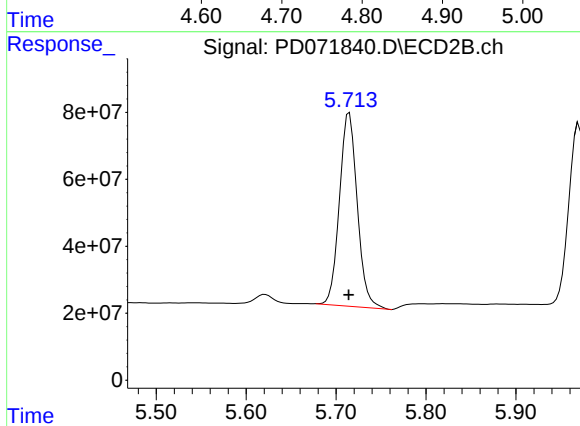
#7 delta-BHC

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 1150021599
Conc: 49.20 ng/ml



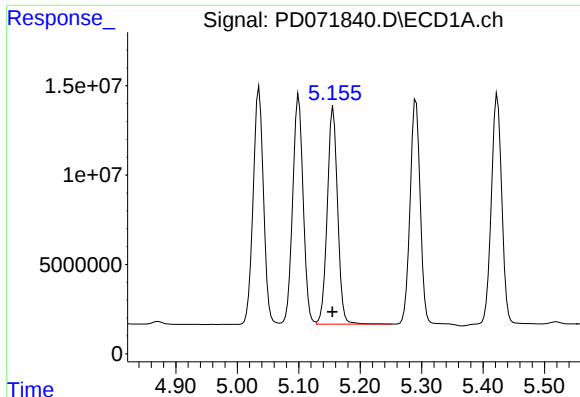
#8 Heptachlor epoxide

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 150807869
Conc: 46.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 796421505
Conc: 51.65 ng/ml



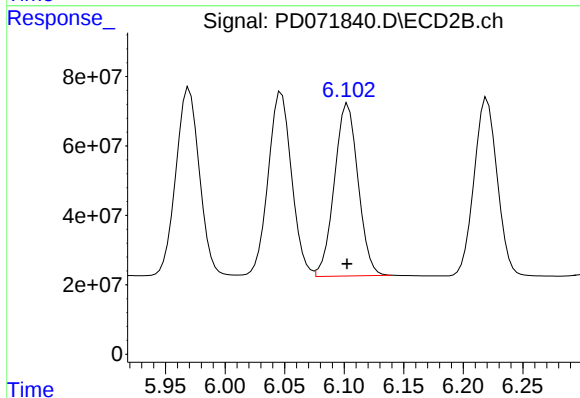
#9 Endosulfan I

R.T.: 5.156 min
Delta R.T.: 0.001 min
Response: 142144714
Conc: 44.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

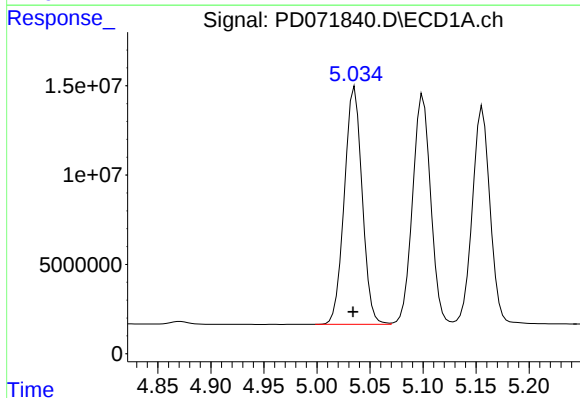
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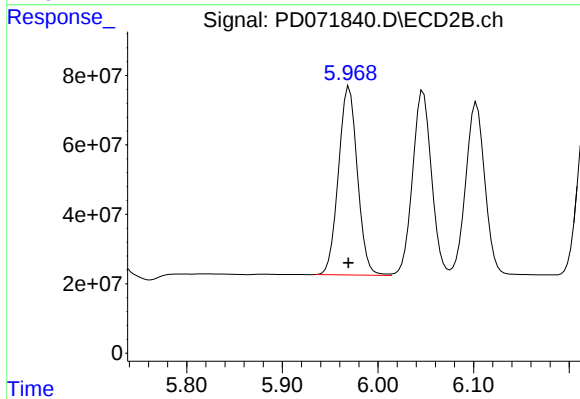
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 687282479
Conc: 46.62 ng/ml m



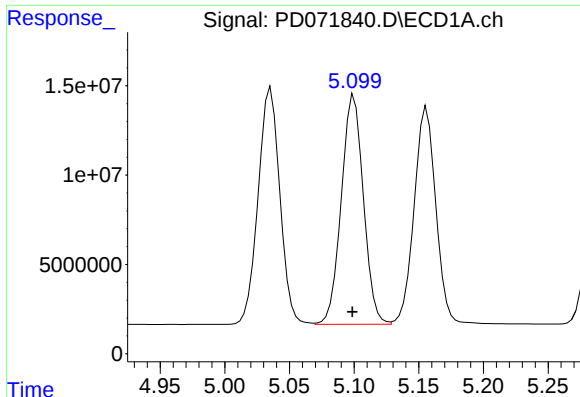
#10 gamma-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 154692085
Conc: 45.89 ng/ml



#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 747024038
Conc: 46.49 ng/ml m



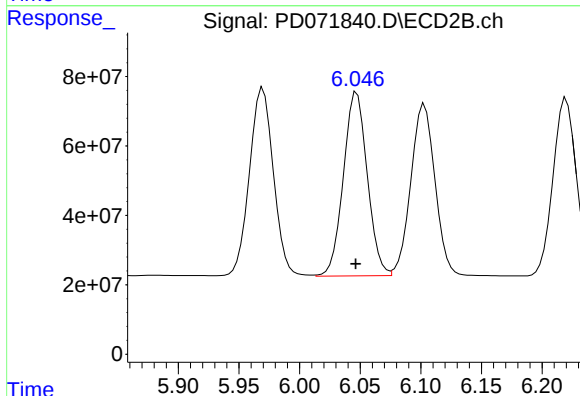
#11 alpha-Chlordane

R.T.: 5.100 min
Delta R.T.: 0.001 min
Response: 152341925
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

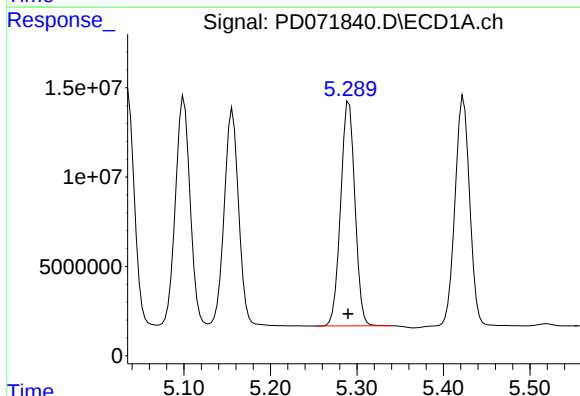
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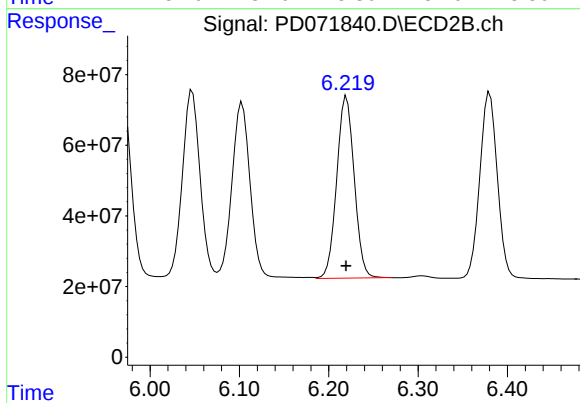
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 727795765
Conc: 46.65 ng/ml m



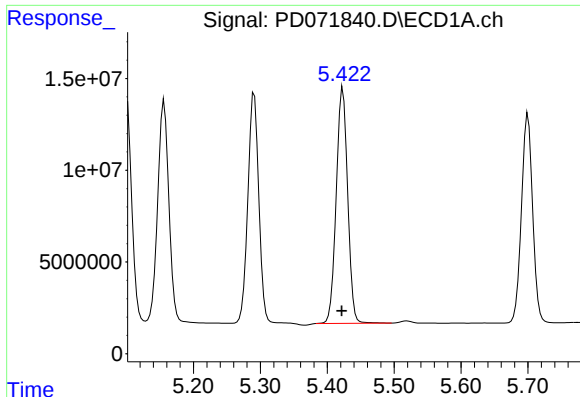
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.001 min
Response: 143305762
Conc: 46.84 ng/ml



#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 700786236
Conc: 47.57 ng/ml



#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 152085528
Conc: 45.47 ng/ml

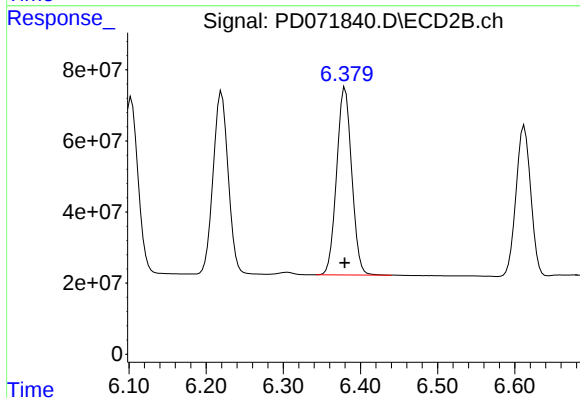
Instrument :

ECD_D

ClientSampleId :
PB147508BS

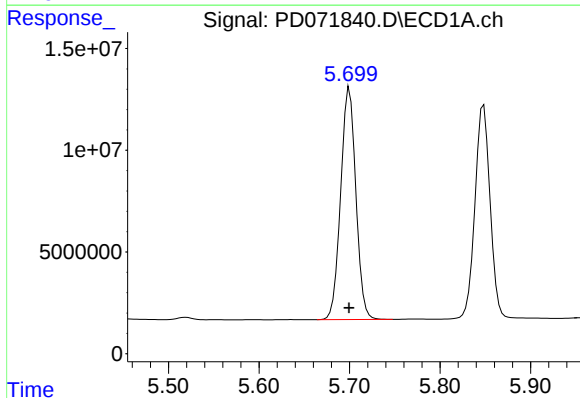
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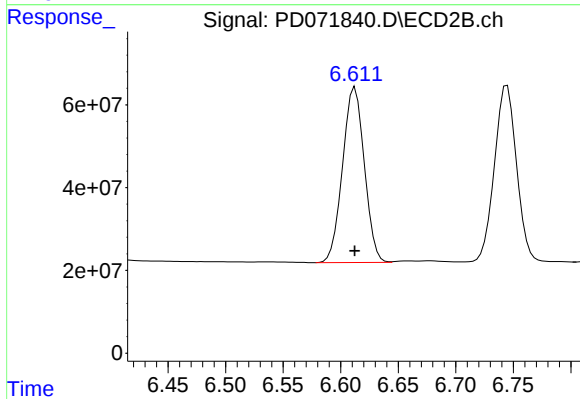
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 716083265
Conc: 47.24 ng/ml



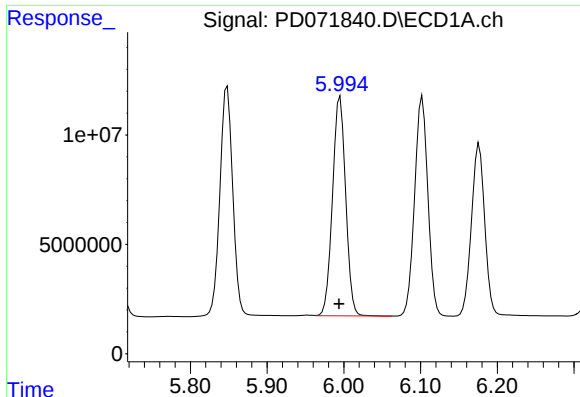
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 132869342
Conc: 44.85 ng/ml



#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 559887313
Conc: 44.33 ng/ml



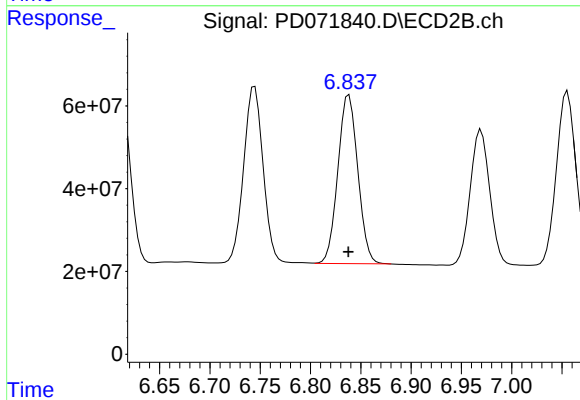
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: 0.001 min
Response: 119417240
Conc: 43.35 ng/ml

Instrument :
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ClientSampleId :
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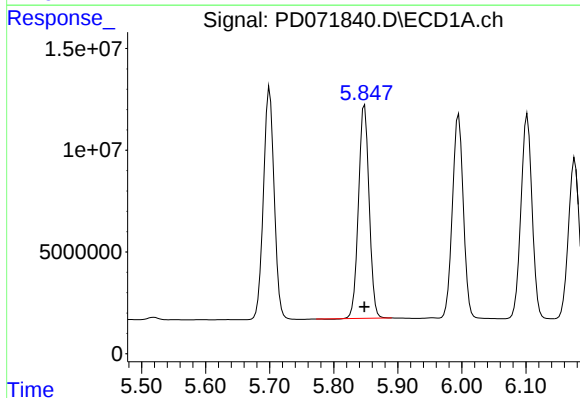
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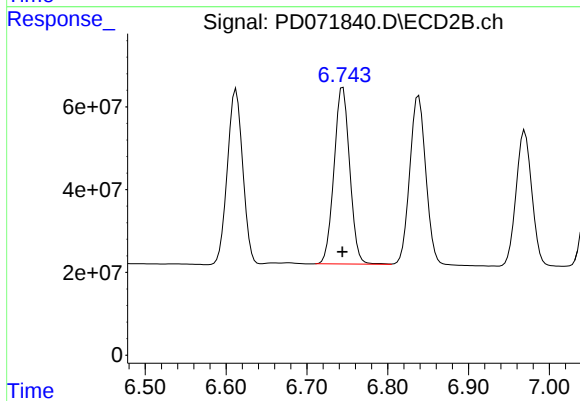
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 561405746
Conc: 45.34 ng/ml



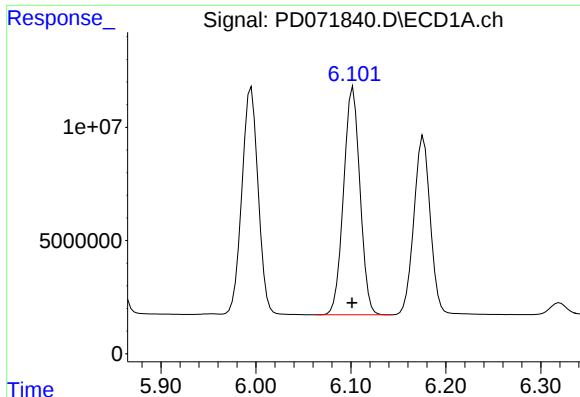
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 121099665
Conc: 47.76 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 575902496
Conc: 48.45 ng/ml



#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.001 min
Response: 120842369
Conc: 45.91 ng/ml

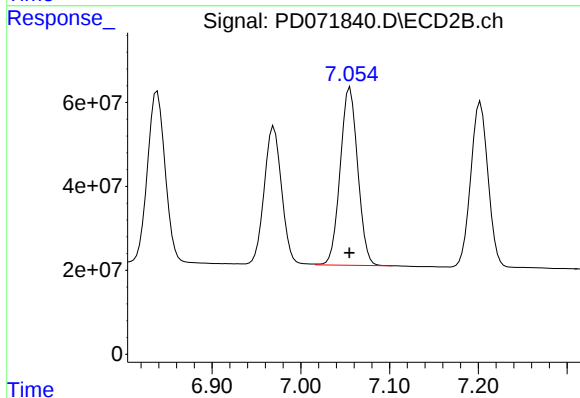
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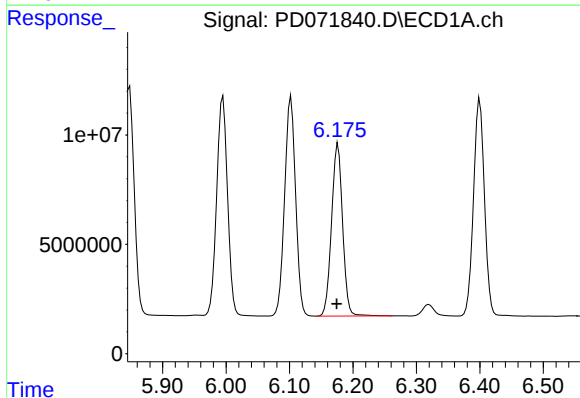
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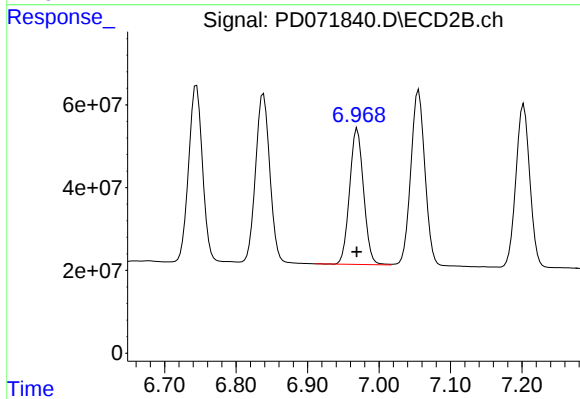
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 581071083
Conc: 47.04 ng/ml



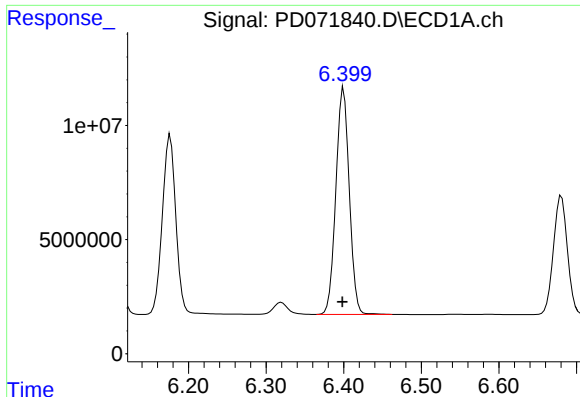
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 95346543
Conc: 43.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 447283833
Conc: 46.33 ng/ml



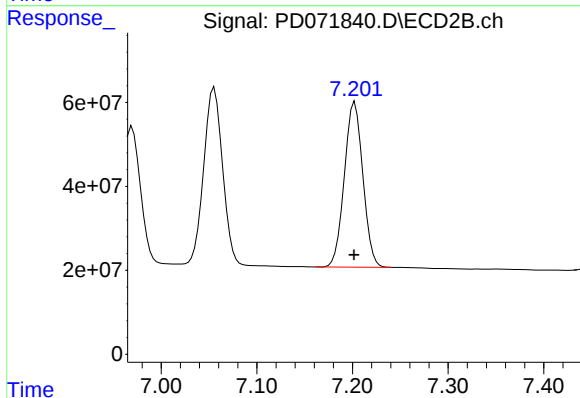
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: 0.001 min
Response: 119302119
Conc: 44.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

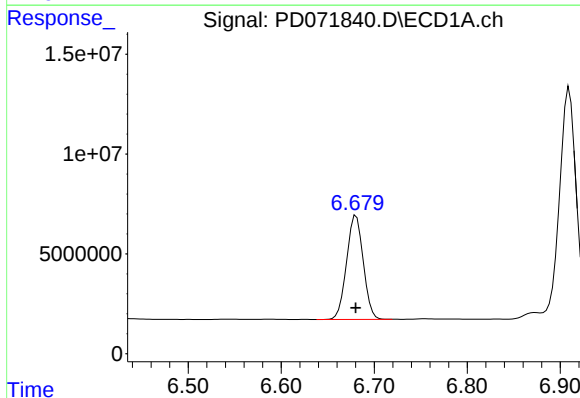
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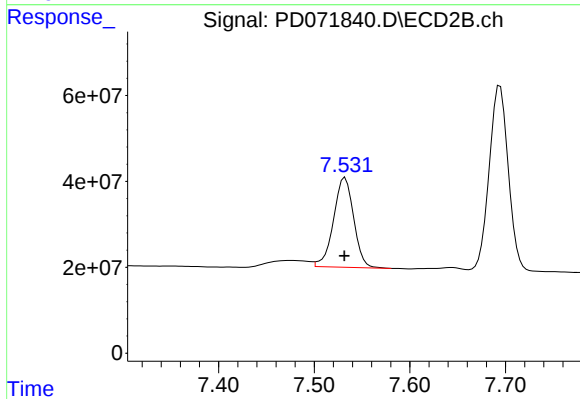
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 531704660
Conc: 47.68 ng/ml



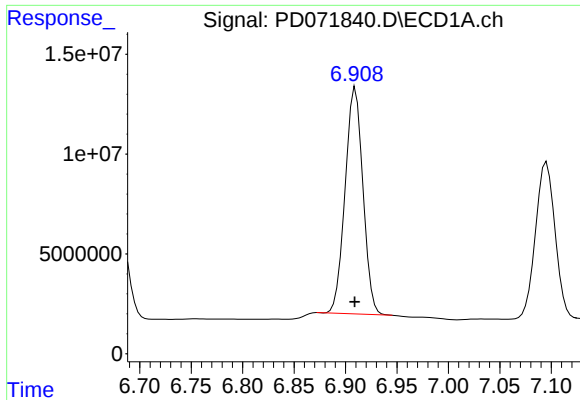
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 64935391
Conc: 43.37 ng/ml



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 305171667
Conc: 50.20 ng/ml m



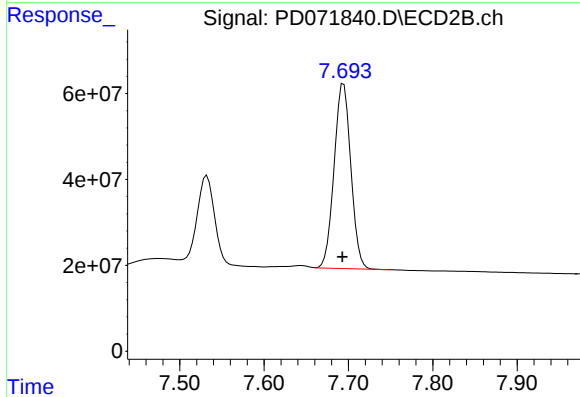
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 136828469
Conc: 45.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

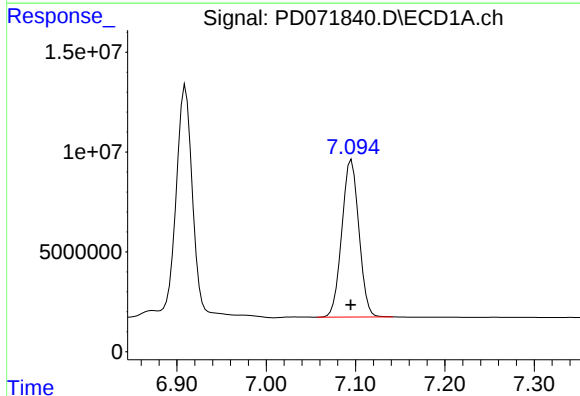
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



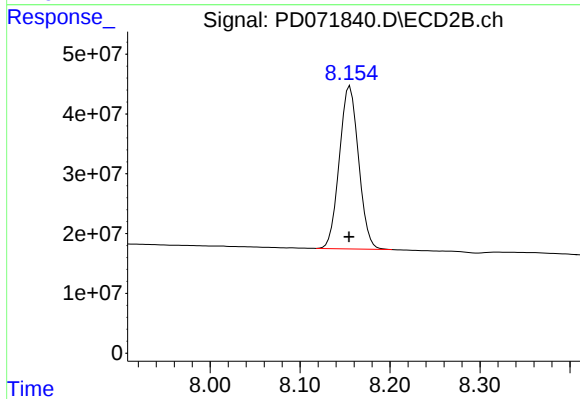
#21 Endrin ketone

R.T.: 7.694 min
Delta R.T.: 0.001 min
Response: 593724706
Conc: 47.74 ng/ml



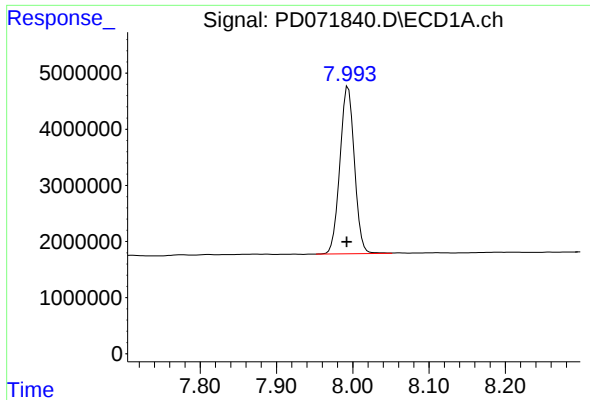
#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 104457560
Conc: 44.32 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 402629049
Conc: 46.49 ng/ml



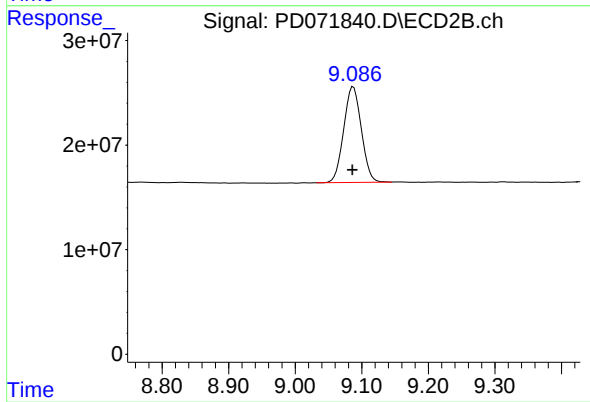
#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 39304032
Conc: 15.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147508BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.001 min
Response: 168258187
Conc: 18.10 ng/ml