

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 15:10
 Operator : AR\AJ
 Sample : PB146357BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146357BS

Manual Integrations
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Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:49:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.480	4.125	41757718	433.4E6	14.410	14.989
28)	SA Decachlor...	8.254	9.326	50307264	193.1E6	16.466	16.932
Target Compounds							
2)	A alpha-BHC	3.922	4.529	188.9E6	1435.5E6	43.067	37.872m
3)	MA gamma-BHC...	4.206	4.823	175.1E6	1192.2E6	40.317	39.915m
4)	MA Heptachlor	4.505	5.341	184.7E6	938.1E6	44.354m	42.469
5)	MB Aldrin	4.755	5.654	183.2E6	779.1E6	43.847	42.086
6)	B beta-BHC	4.456	5.001	68972592	470.6E6	41.266	35.084
7)	B delta-BHC	4.662	5.225	167.9E6	969.5E6	42.432	41.006
8)	B Heptachlo...	5.201	6.049	164.5E6	666.8E6	43.917	44.103
9)	A Endosulfan I	5.541	6.414	155.6E6	637.1E6	44.560	43.891
10)	B gamma-Chl...	5.428	6.286	169.3E6	686.4E6	43.535	43.522
11)	B alpha-Chl...	5.487	6.359	165.9E6	668.9E6	43.383	43.471
12)	B 4,4'-DDE	5.653	6.514	155.6E6	664.2E6	44.185	44.252
13)	MA Dieldrin	5.785	6.676	166.0E6	682.1E6	44.187	44.637
14)	MA Endrin	6.044	6.898	148.1E6	528.4E6	47.423	50.941
15)	B Endosulfa...	6.318	7.113	133.6E6	560.0E6	44.419	44.733
16)	A 4,4'-DDD	6.171	7.013	131.6E6	536.0E6	44.833	43.091m
17)	MA 4,4'-DDT	6.412	7.316	139.3E6	611.4E6	45.516	45.651
18)	B Endrin al...	6.487	7.238	102.9E6	445.0E6	42.899	44.133
19)	B Endosulfa...	6.700	7.463	134.0E6	536.6E6	44.995m	44.413
20)	A Methoxychlor	6.962	7.775	75969674	309.8E6	45.955m	45.078
21)	B Endrin ke...	7.195	7.945	156.0E6	609.2E6	45.026	44.015
22)	Mirex	7.379	8.399	113.6E6	400.4E6	40.989m	43.567

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 15:10
 Operator : AR\AJ
 Sample : PB146357BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

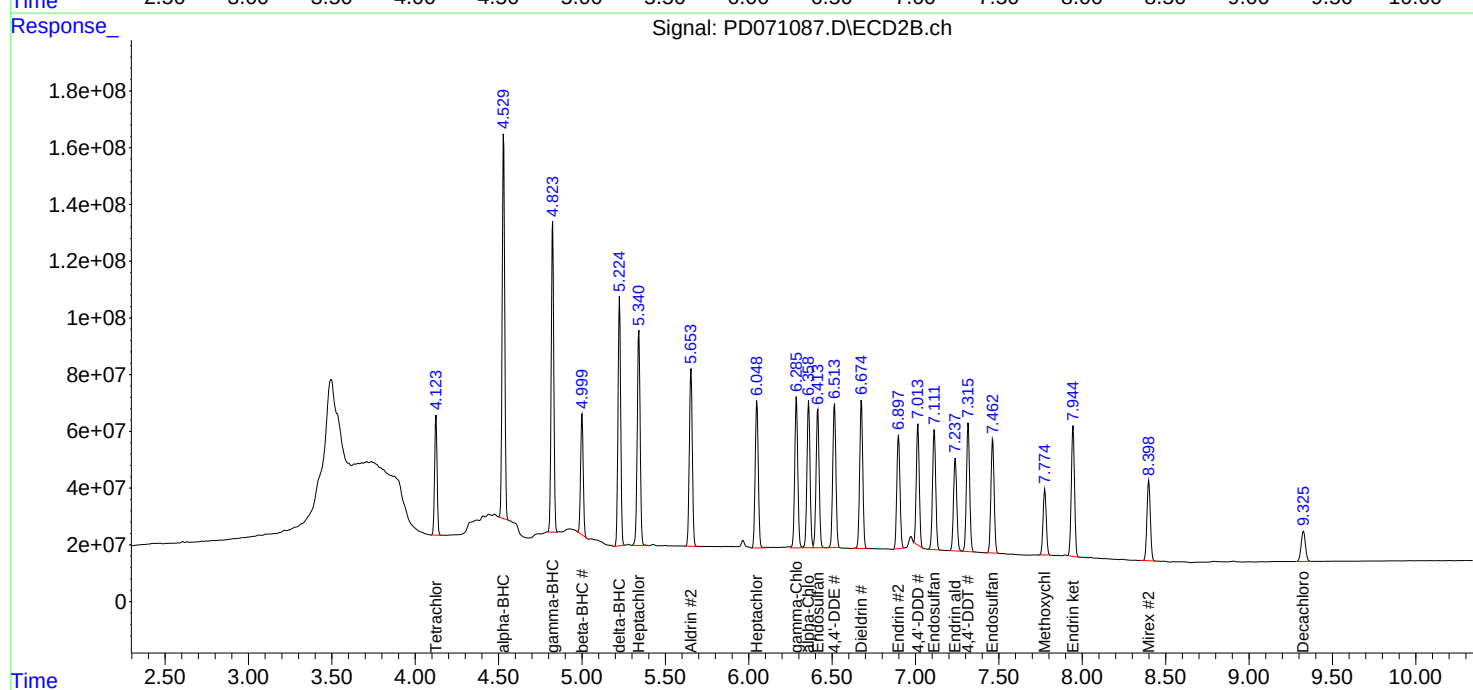
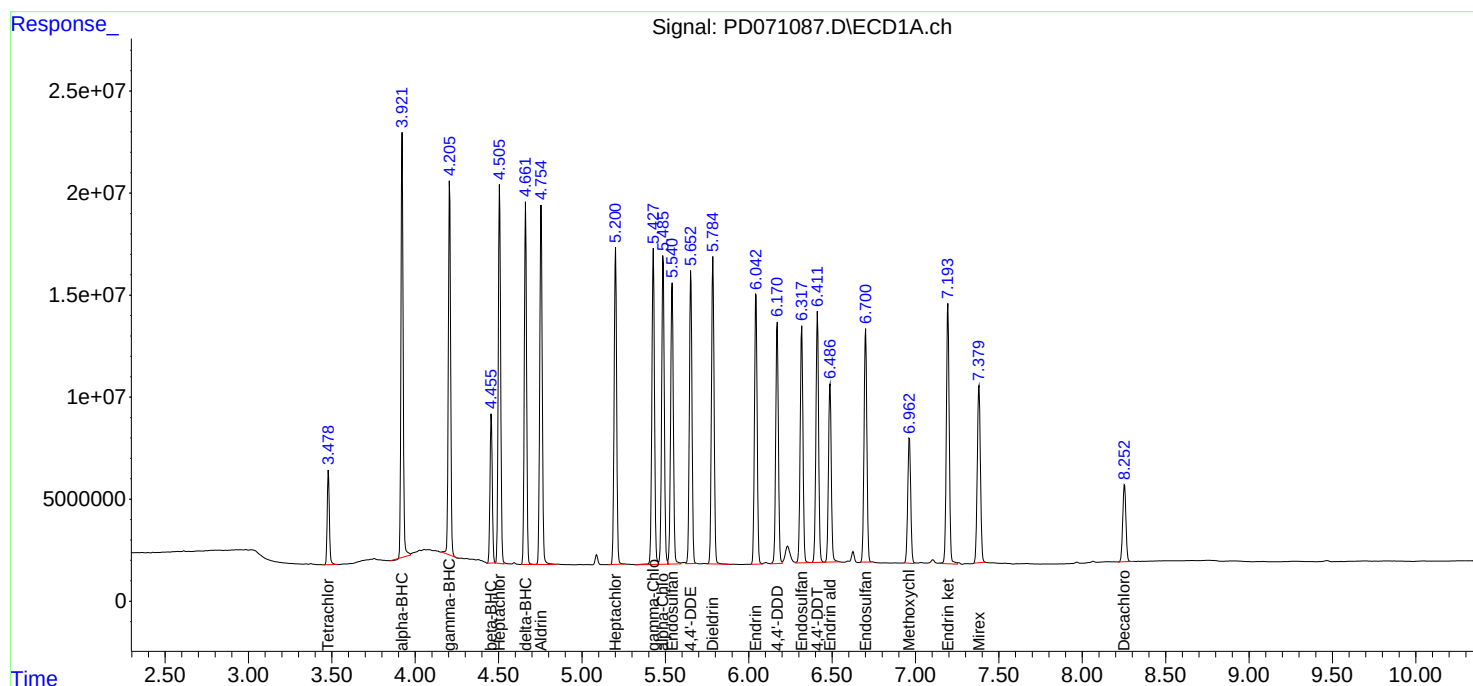
Instrument :
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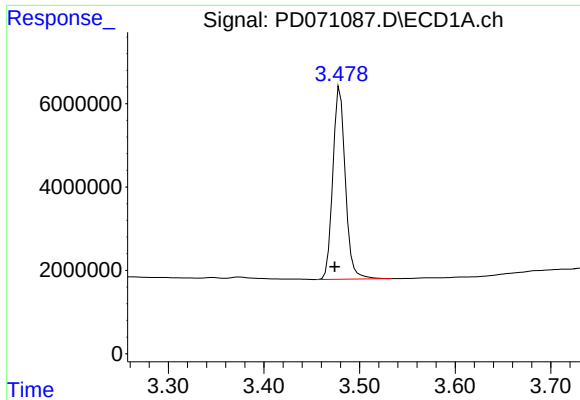
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/22/2022
 Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:49:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 Response via : Initial Calibration
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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





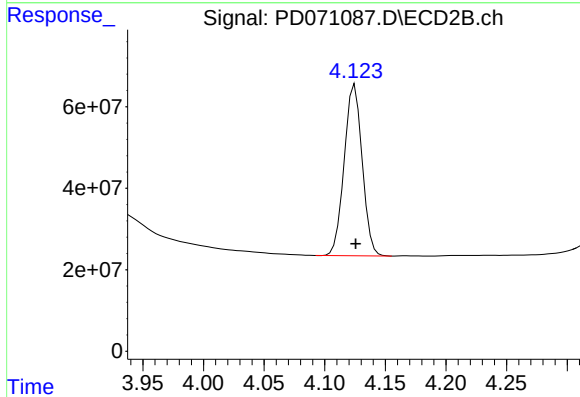
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.006 min
Response: 41757718
Conc: 14.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

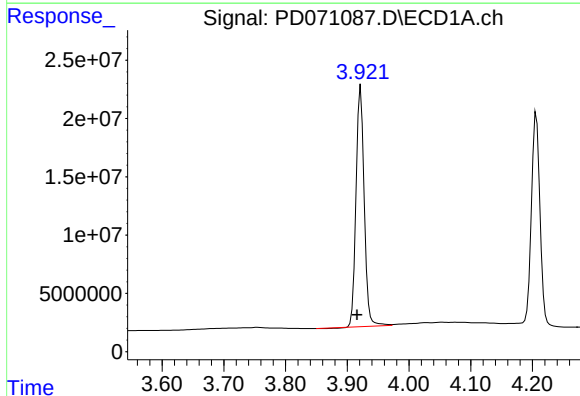
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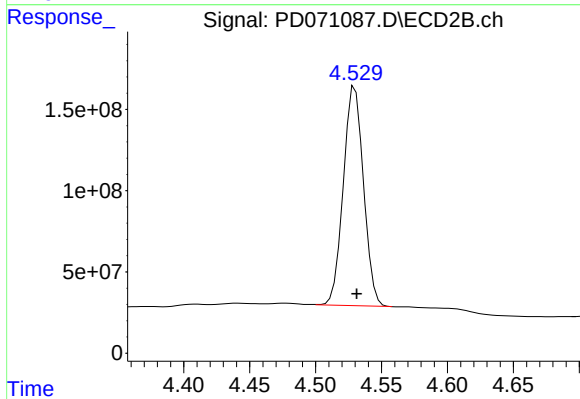
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 433376828
Conc: 14.99 ng/ml



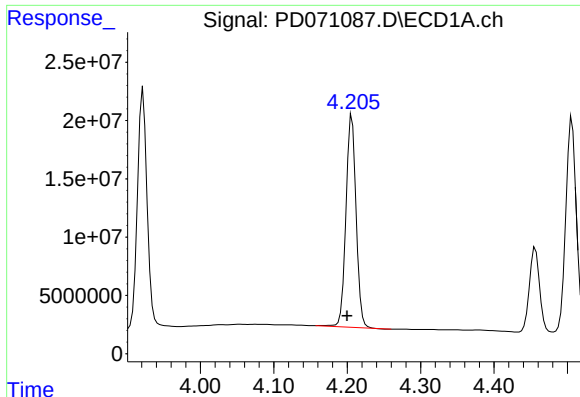
#2 alpha-BHC

R.T.: 3.922 min
Delta R.T.: 0.006 min
Response: 188946313
Conc: 43.07 ng/ml



#2 alpha-BHC

R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 1435459888
Conc: 37.87 ng/ml m



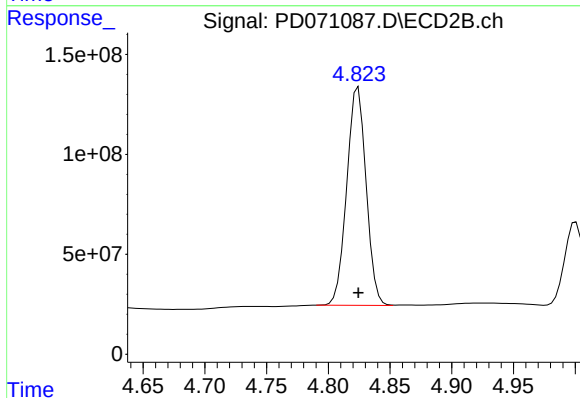
#3 gamma-BHC (Lindane)

R.T.: 4.206 min
Delta R.T.: 0.007 min
Response: 175060401
Conc: 40.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

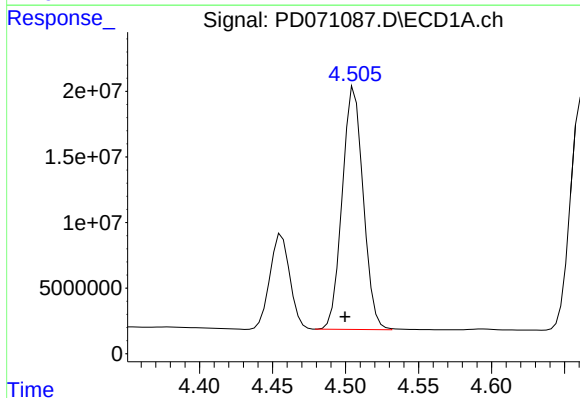
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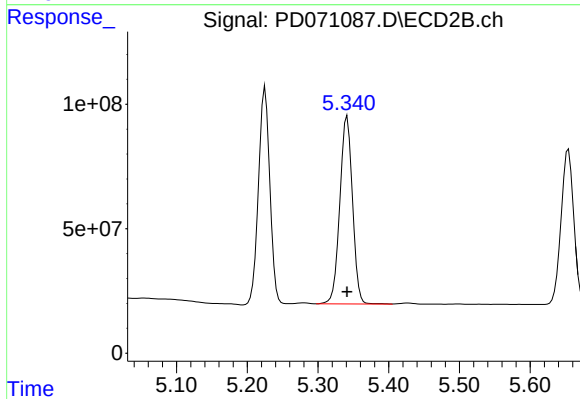
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 1192165446
Conc: 39.92 ng/ml m



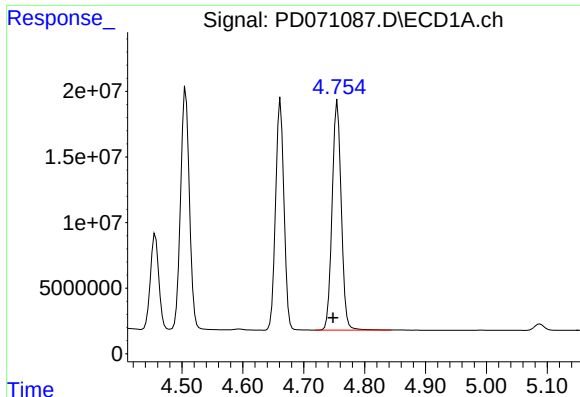
#4 Heptachlor

R.T.: 4.505 min
Delta R.T.: 0.005 min
Response: 184669674
Conc: 44.35 ng/ml m



#4 Heptachlor

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 938114286
Conc: 42.47 ng/ml



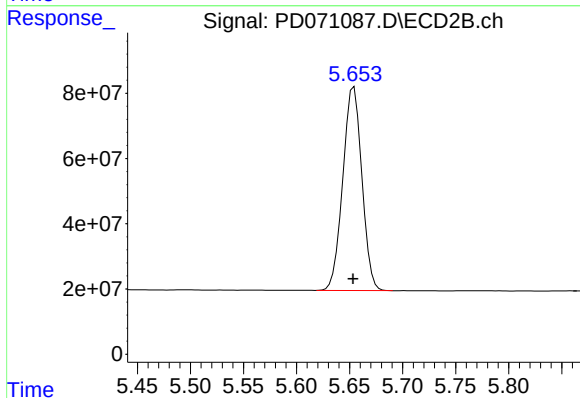
#5 Aldrin

R.T.: 4.755 min
Delta R.T.: 0.007 min
Response: 183235230
Conc: 43.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

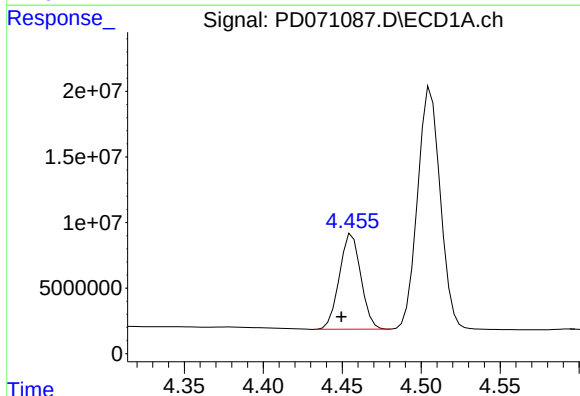
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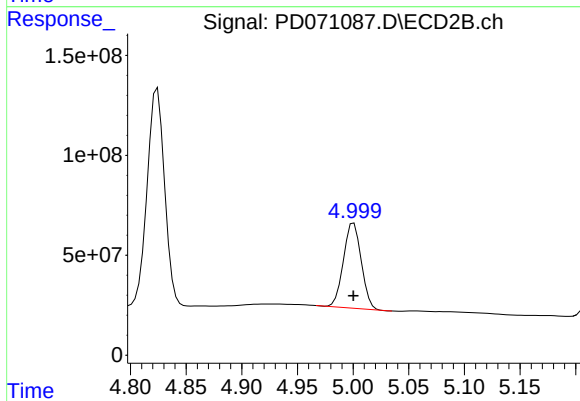
#5 Aldrin

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 779130960
Conc: 42.09 ng/ml



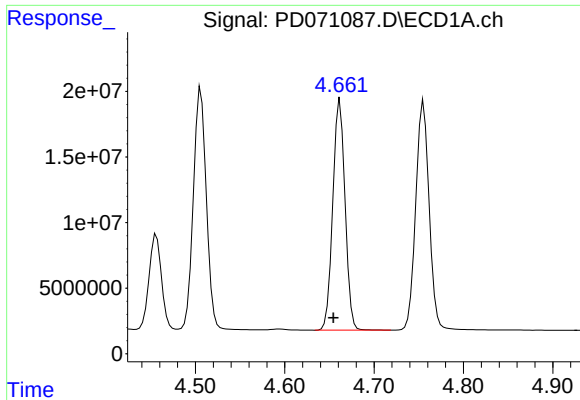
#6 beta-BHC

R.T.: 4.456 min
Delta R.T.: 0.007 min
Response: 68972592
Conc: 41.27 ng/ml



#6 beta-BHC

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 470601311
Conc: 35.08 ng/ml



#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: 0.008 min
Response: 167944799
Conc: 42.43 ng/ml

Instrument :

ECD_D

ClientSampleId :

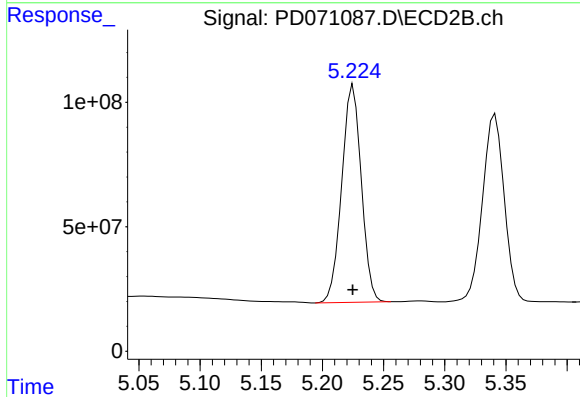
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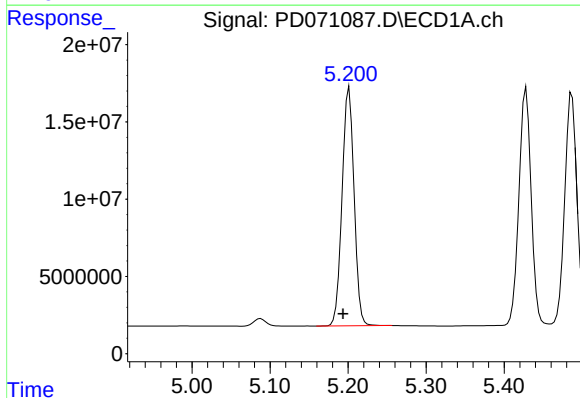
Reviewed By :Abdul Mirza 07/22/2022

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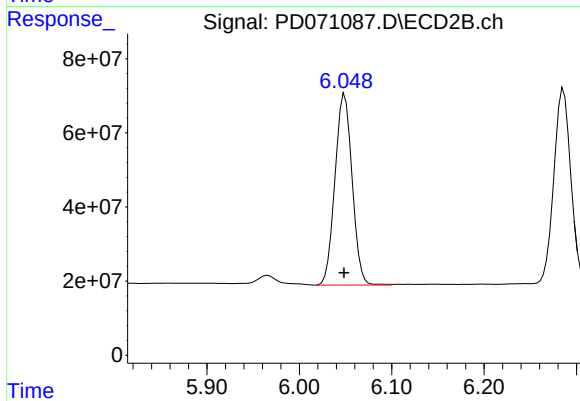
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 969536492
Conc: 41.01 ng/ml



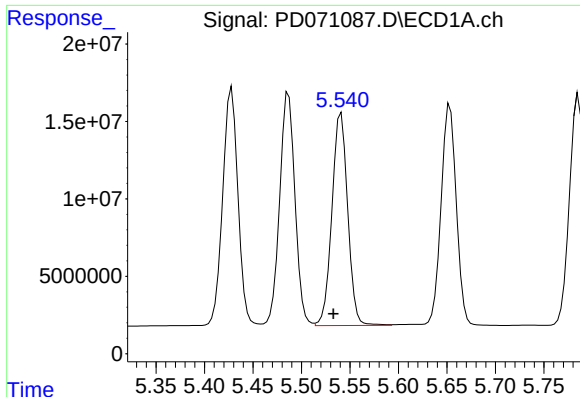
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.008 min
Response: 164506779
Conc: 43.92 ng/ml



#8 Heptachlor epoxide

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 666796803
Conc: 44.10 ng/ml



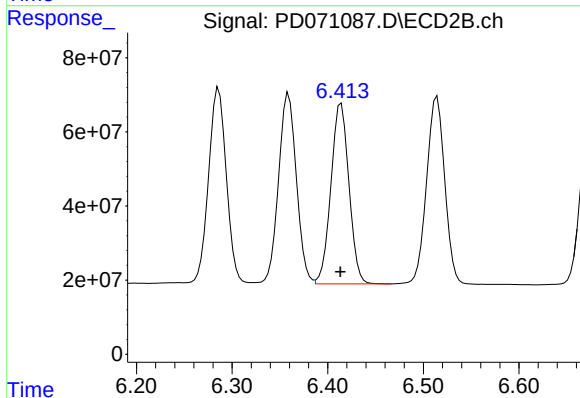
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: 0.008 min
Response: 155587139
Conc: 44.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

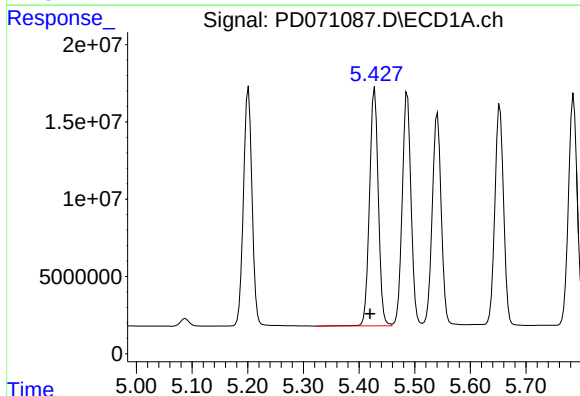
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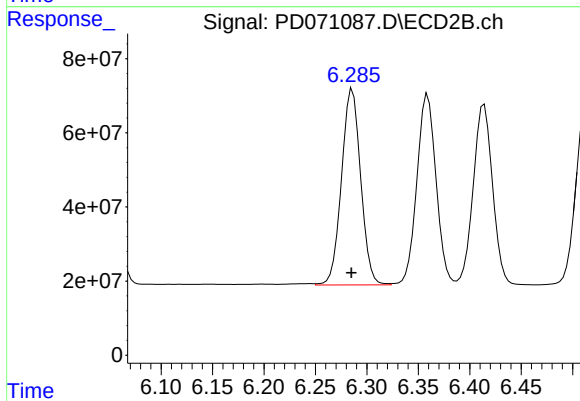
#9 Endosulfan I

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 637143553
Conc: 43.89 ng/ml



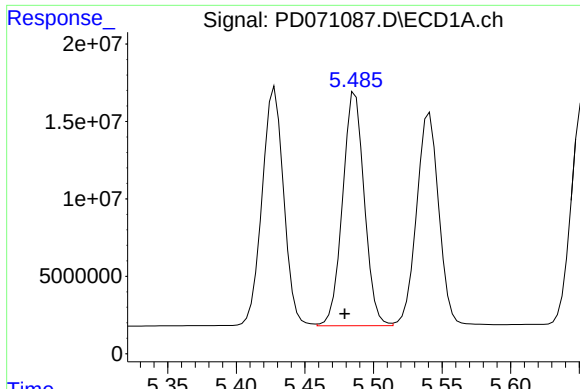
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.008 min
Response: 169281867
Conc: 43.54 ng/ml



#10 gamma-Chlordane

R.T.: 6.286 min
Delta R.T.: 0.001 min
Response: 686412116
Conc: 43.52 ng/ml



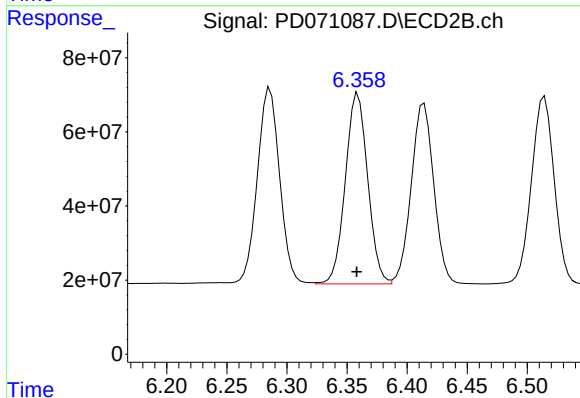
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: 0.008 min
Response: 165867203
Conc: 43.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

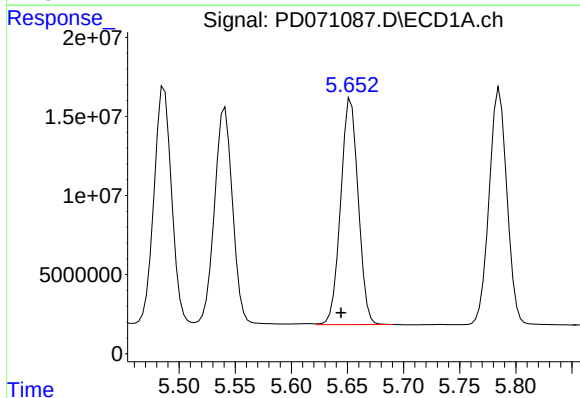
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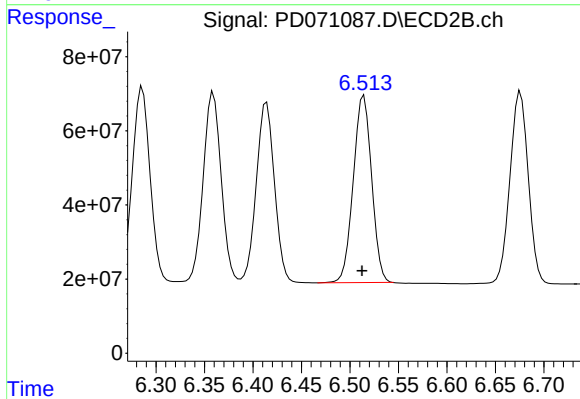
#11 alpha-Chlordane

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 668879421
Conc: 43.47 ng/ml



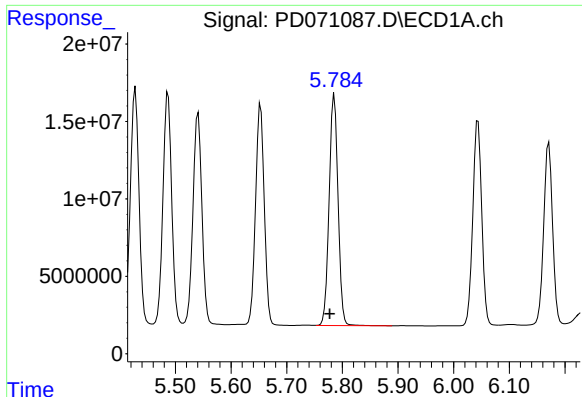
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.009 min
Response: 155606341
Conc: 44.19 ng/ml



#12 4,4'-DDE

R.T.: 6.514 min
Delta R.T.: 0.002 min
Response: 664235753
Conc: 44.25 ng/ml



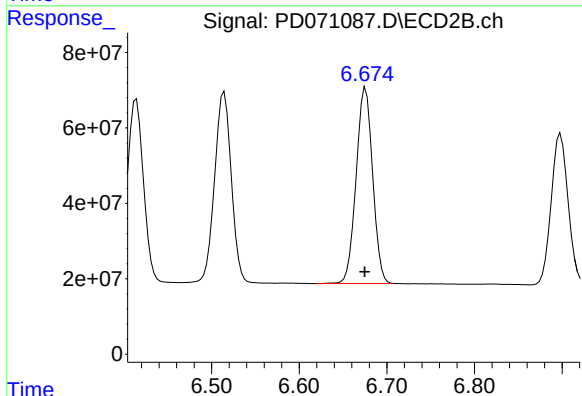
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 165987121
Conc: 44.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

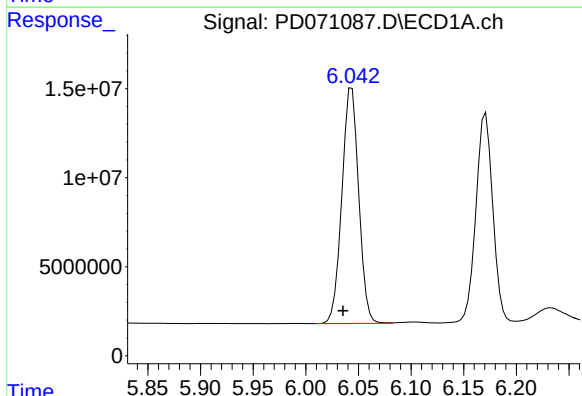
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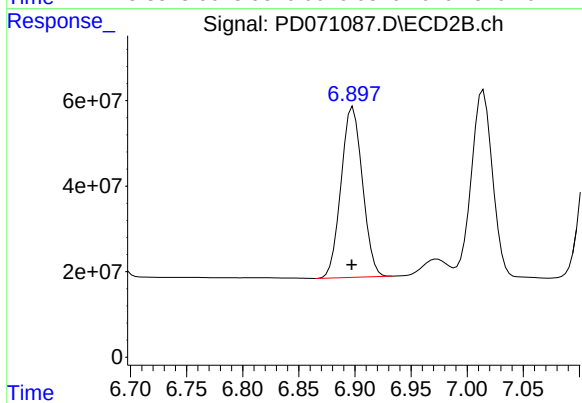
#13 Dieldrin

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 682053266
Conc: 44.64 ng/ml



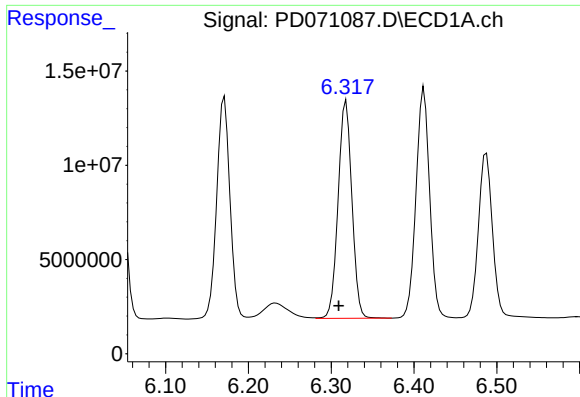
#14 Endrin

R.T.: 6.044 min
Delta R.T.: 0.008 min
Response: 148090088
Conc: 47.42 ng/ml



#14 Endrin

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 528369663
Conc: 50.94 ng/ml



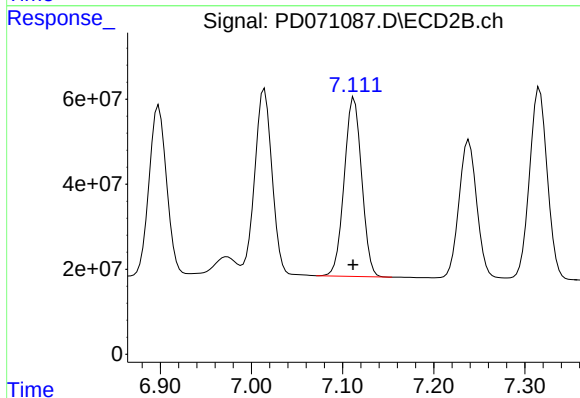
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.009 min
Response: 133616261
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

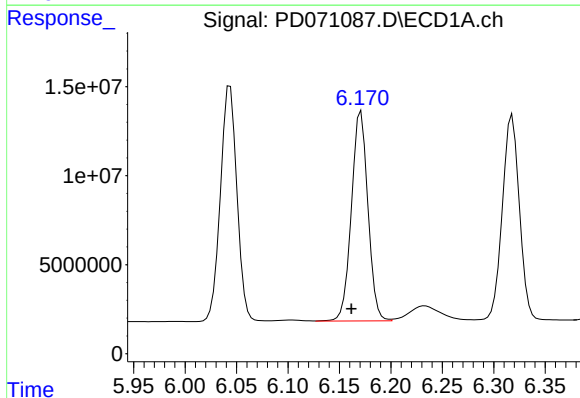
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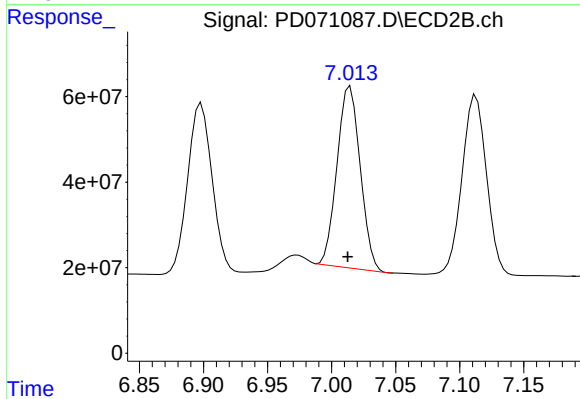
#15 Endosulfan II

R.T.: 7.113 min
Delta R.T.: 0.001 min
Response: 559981475
Conc: 44.73 ng/ml



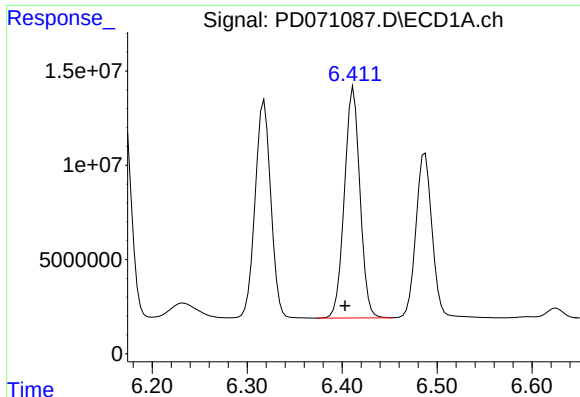
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: 0.009 min
Response: 131583183
Conc: 44.83 ng/ml



#16 4,4'-DDD

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 535975872
Conc: 43.09 ng/ml m



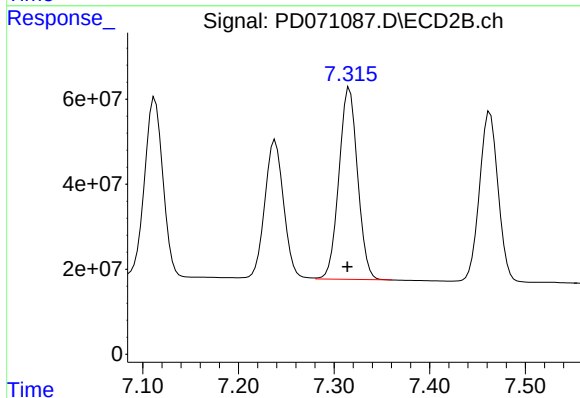
#17 4,4'-DDT

R.T.: 6.412 min
Delta R.T.: 0.009 min
Response: 139331744
Conc: 45.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

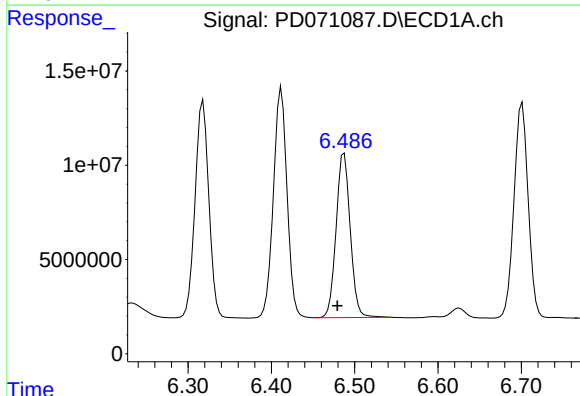
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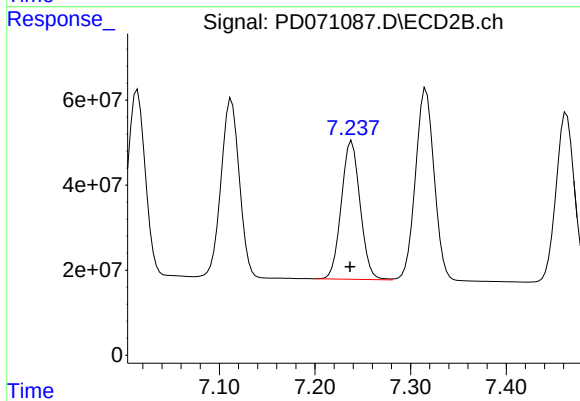
#17 4,4'-DDT

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 611428023
Conc: 45.65 ng/ml



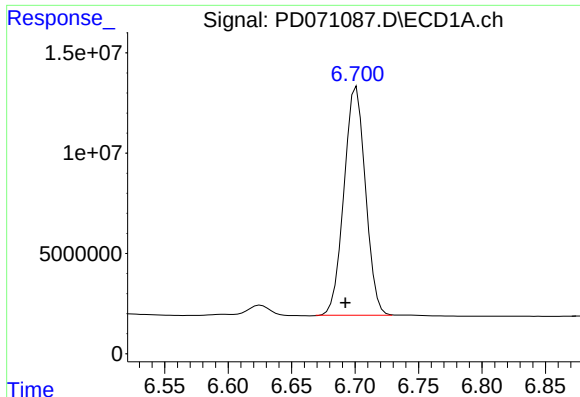
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.008 min
Response: 102894961
Conc: 42.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 445048107
Conc: 44.13 ng/ml



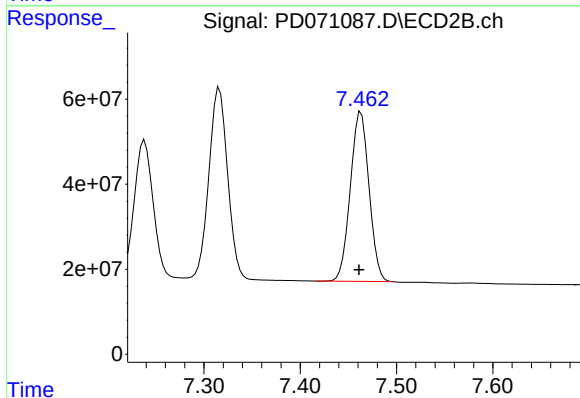
#19 Endosulfan Sulfate

R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 134037338
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

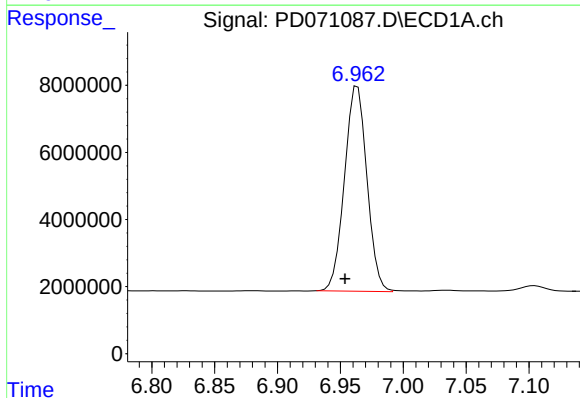
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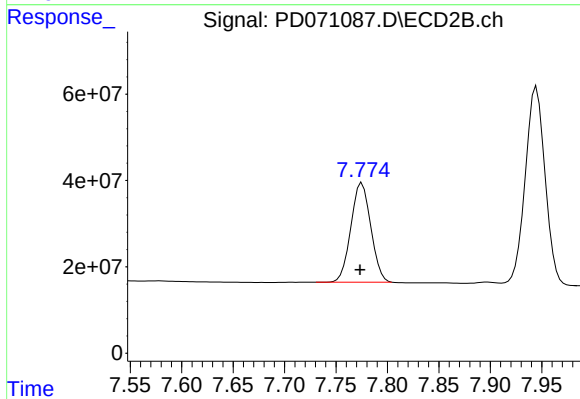
#19 Endosulfan Sulfate

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 536646562
Conc: 44.41 ng/ml



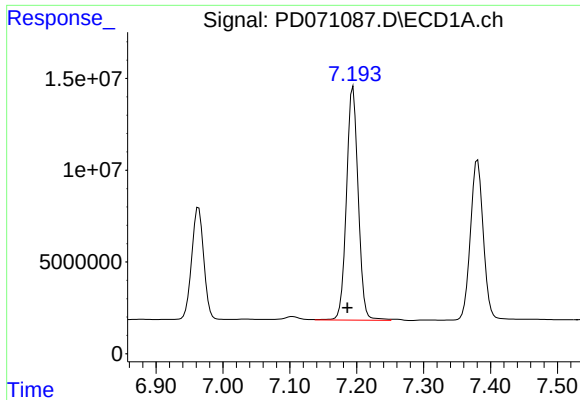
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.008 min
Response: 75969674
Conc: 45.96 ng/ml m



#20 Methoxychlor

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 309753959
Conc: 45.08 ng/ml



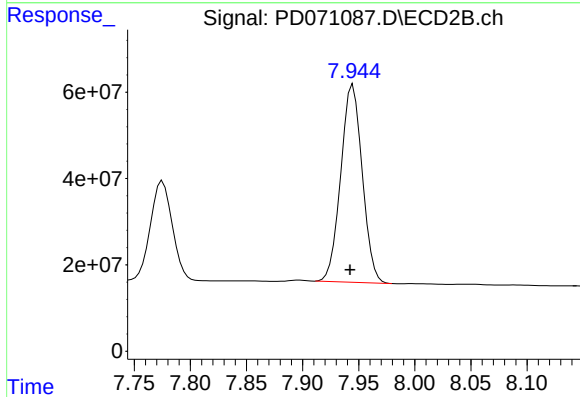
#21 Endrin ketone

R.T.: 7.195 min
Delta R.T.: 0.008 min
Response: 155964259
Conc: 45.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

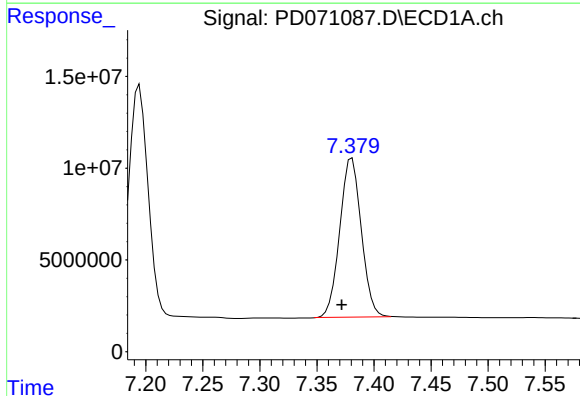
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Reviewed By :Abdul Mirza 07/22/2022
Supervised By :Ankita Jodhani 07/22/2022



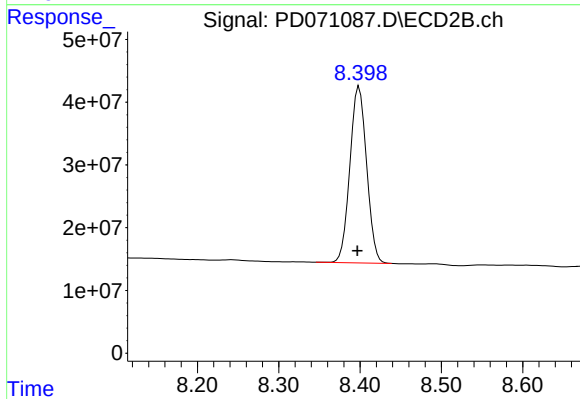
#21 Endrin ketone

R.T.: 7.945 min
Delta R.T.: 0.003 min
Response: 609159976
Conc: 44.01 ng/ml



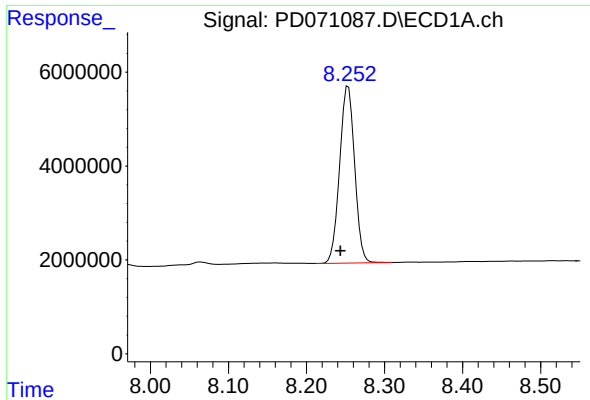
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.008 min
Response: 113640688
Conc: 40.99 ng/ml m



#22 Mirex

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 400361403
Conc: 43.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: 0.010 min
Response: 50307264
Conc: 16.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

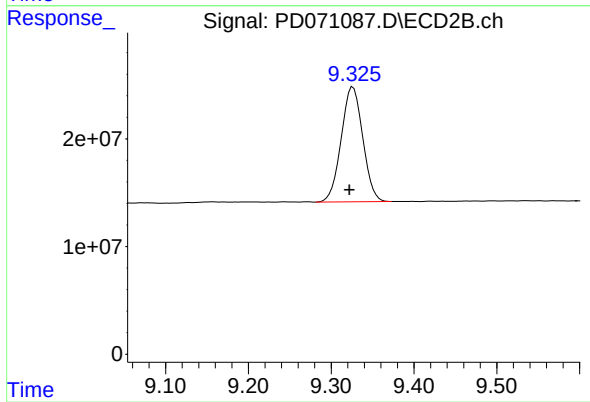
PB146357BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.326 min
Delta R.T.: 0.004 min
Response: 193110537
Conc: 16.93 ng/ml