

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 15:20
 Operator : AR\AJ
 Sample : PB145305BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145305BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 12:38:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 x 0.2 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...	3.441	4.168	17420343	172.6E6	16.369	19.584
28)	SA Decachlor...	8.193	9.363	17618077	103.9E6	16.152	19.220
Target Compounds							
2)	A alpha-BHC	3.880	4.564	79220433	711.6E6	48.342	54.342
3)	MA gamma-BHC...	4.163	4.855	74940175	656.0E6	43.420	53.175
4)	MA Heptachlor	4.461	5.382	70551511	629.2E6	47.258	54.048
5)	MB Aldrin	4.707	5.695	70964511	629.3E6	48.967	54.549
6)	B beta-BHC	4.414	5.019	31520033	281.4E6	45.288	53.561
7)	B delta-BHC	4.617	5.243	70672138	550.8E6	46.385	57.893m
8)	B Heptachlo...	5.152	6.083	64893876	517.5E6	48.595	65.771 #
9)	A Endosulfan I	5.490	6.446	60809639	495.5E6	48.532	54.328
10)	B gamma-Chl...	5.376	6.320	65969049	544.7E6	48.752	54.964
11)	B alpha-Chl...	5.435	6.394	65110536	529.9E6	48.907	54.528
12)	B 4,4'-DDE	5.601	6.544	60947189	498.8E6	48.105	55.134
13)	MA Dieldrin	5.733	6.704	65721120	529.8E6	49.928	56.157
14)	MA Endrin	5.990	6.924	56331170	391.1E6	48.785	57.943
15)	B Endosulfa...	6.265	7.130	56660988	403.9E6	50.939	54.379
16)	A 4,4'-DDD	6.118	7.036	55240056	418.2E6	51.054	56.472
17)	MA 4,4'-DDT	6.358	7.339	45678559	365.8E6	46.090	49.987
18)	B Endrin al...	6.435	7.254	46733926	337.1E6	54.393	58.702
19)	B Endosulfa...	6.647	7.479	56261770	385.7E6	48.808	52.315
20)	A Methoxychlor	6.908	7.792	27573270	181.1E6	48.604	50.799
21)	B Endrin ke...	7.140	7.954	65509430	413.9E6	49.161	51.990
22)	Mirex	7.322	8.419	48431730	275.4E6	48.166	51.548

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 15:20
Operator : AR\AJ
Sample : PB145305BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB145305BS

Manual Integrations

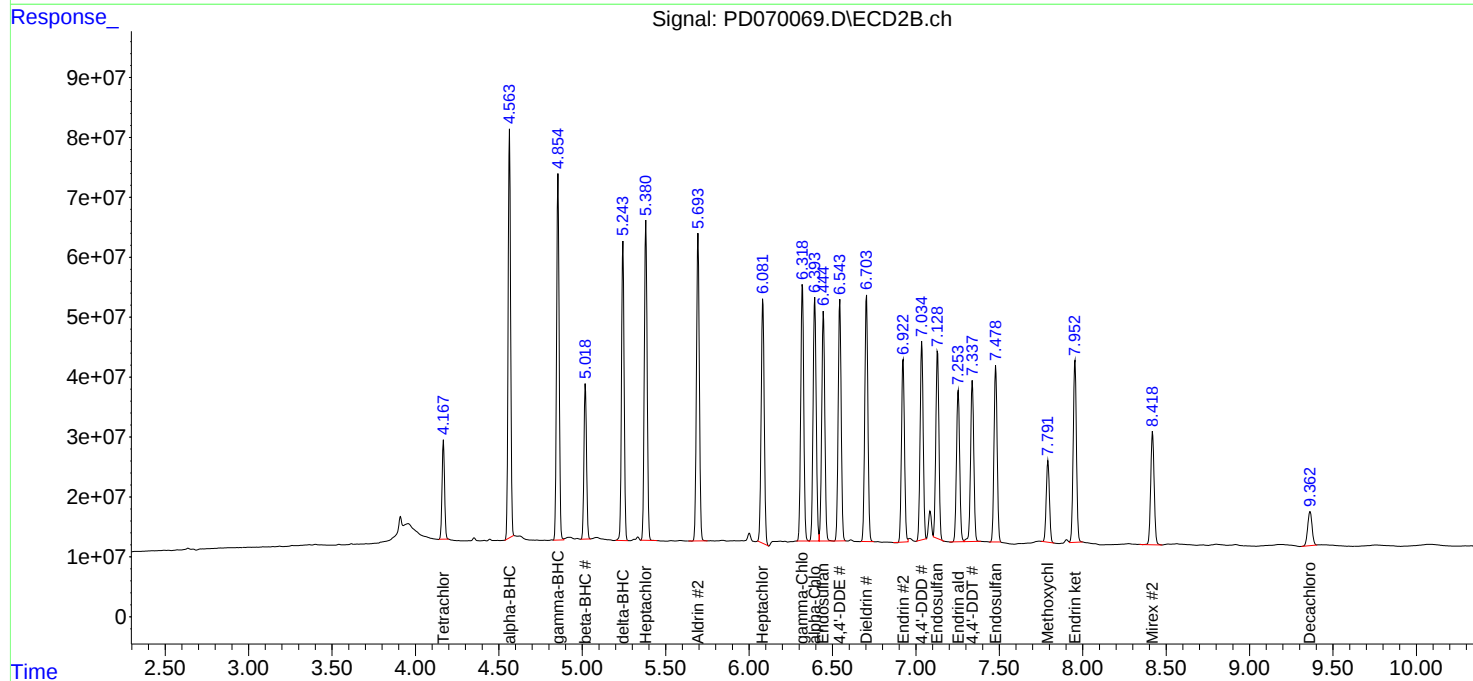
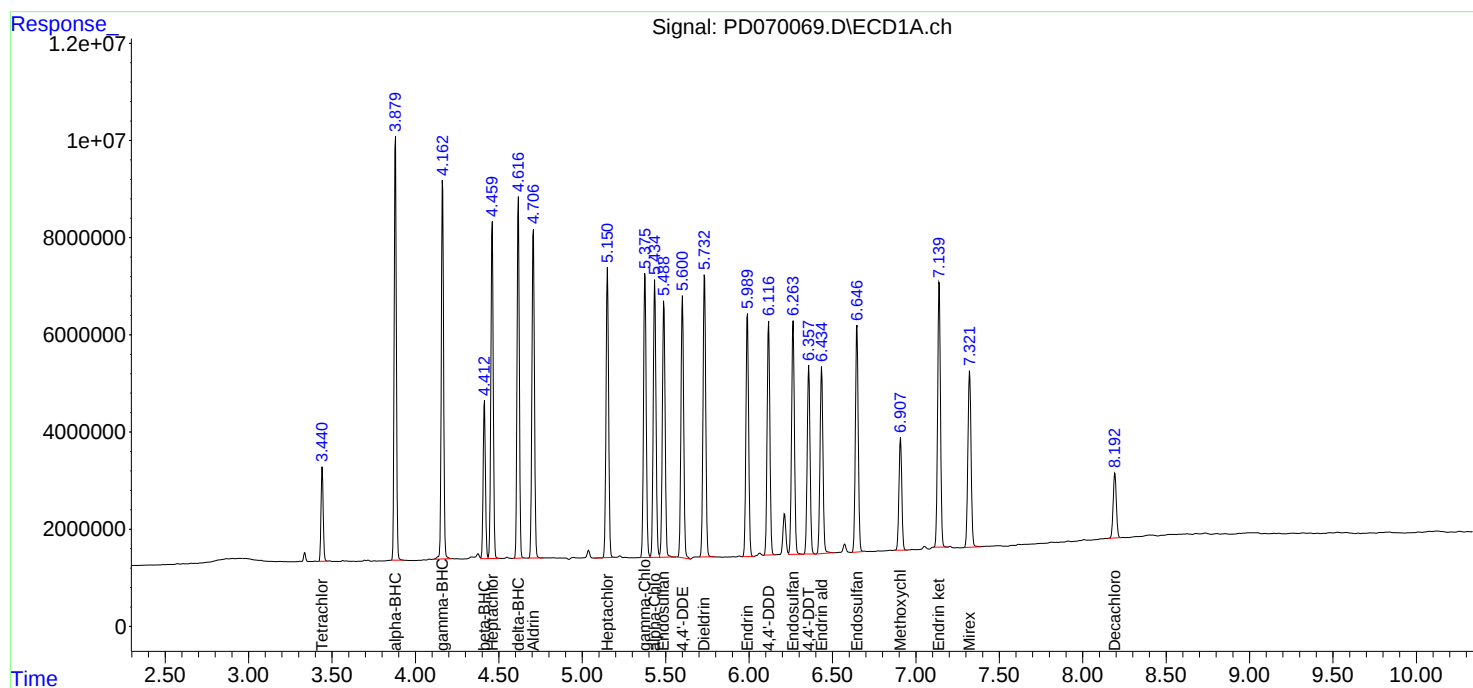
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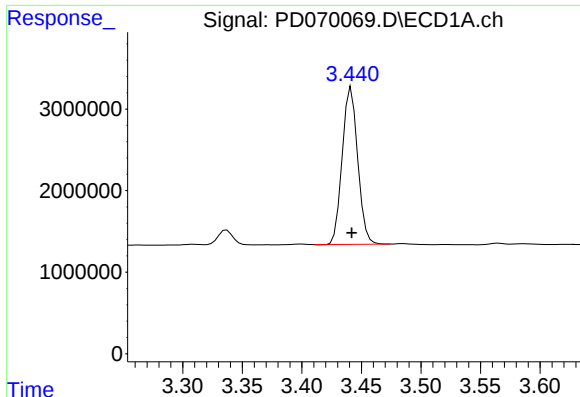
Reviewed By :Abdul Mirza 06/06/2022

Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 12:38:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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





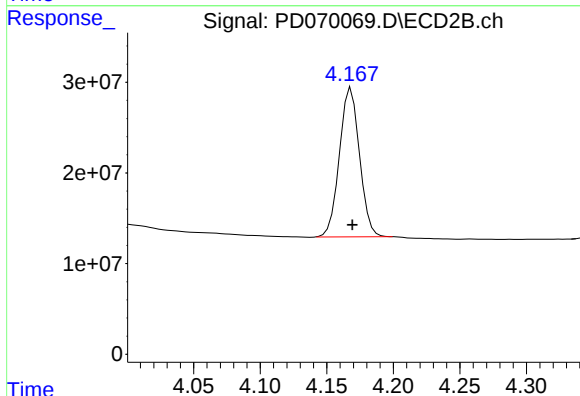
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 17420343
Conc: 16.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

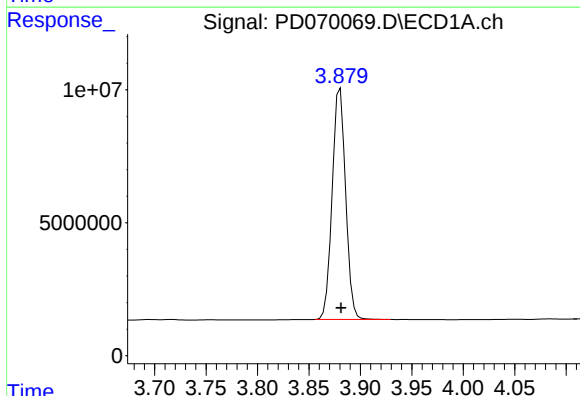
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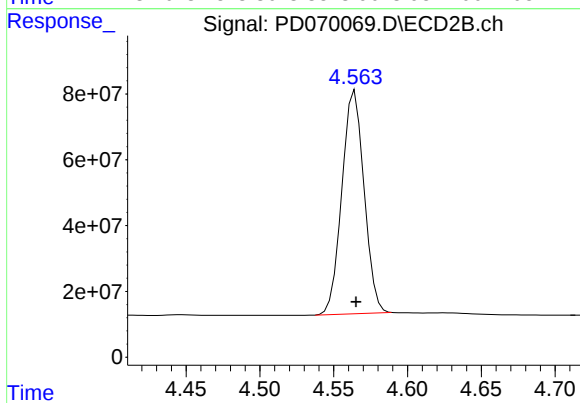
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: -0.001 min
Response: 172565795
Conc: 19.58 ng/ml



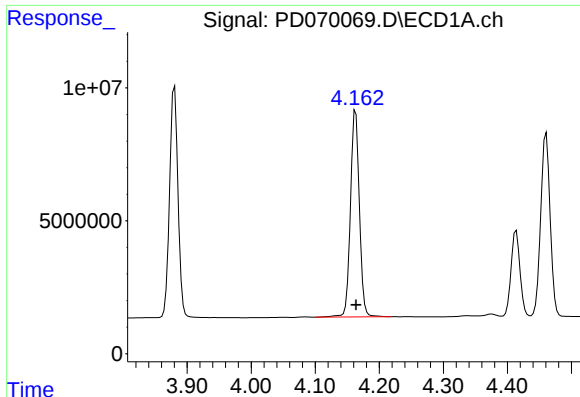
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 79220433
Conc: 48.34 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 711612134
Conc: 54.34 ng/ml



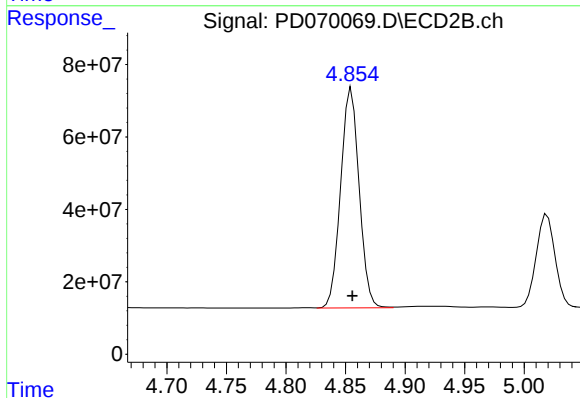
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 74940175
Conc: 43.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

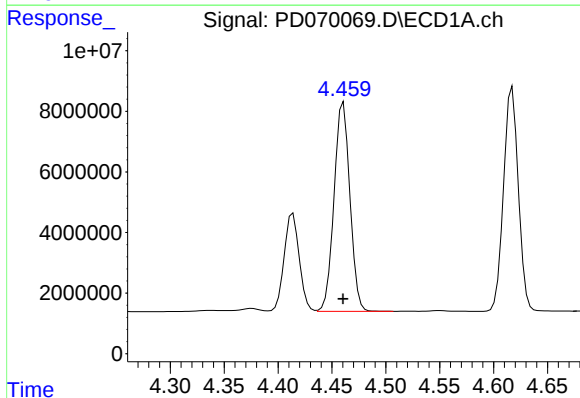
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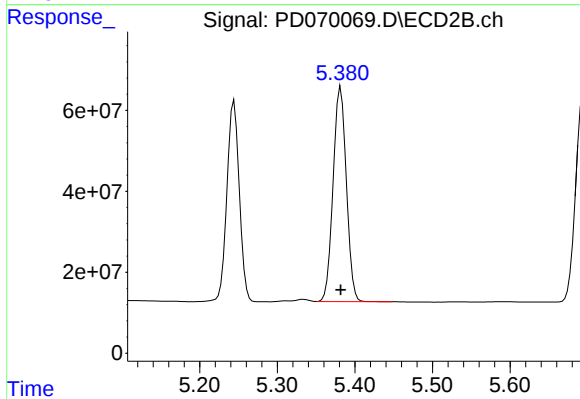
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 655970320
Conc: 53.18 ng/ml



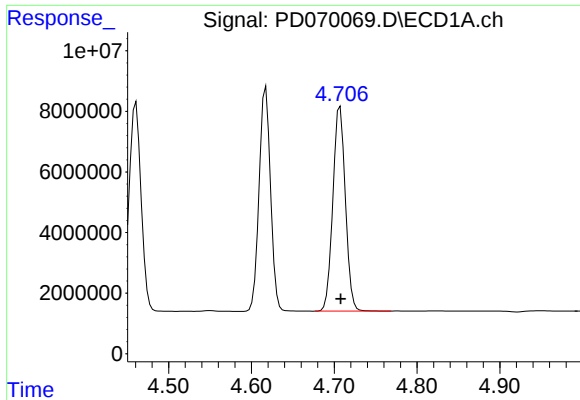
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 70551511
Conc: 47.26 ng/ml



#4 Heptachlor

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 629203921
Conc: 54.05 ng/ml



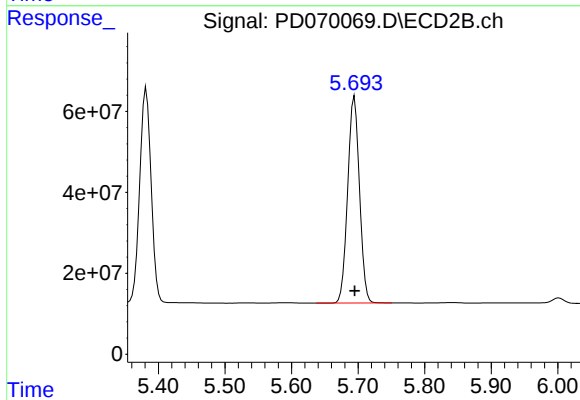
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 70964511
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

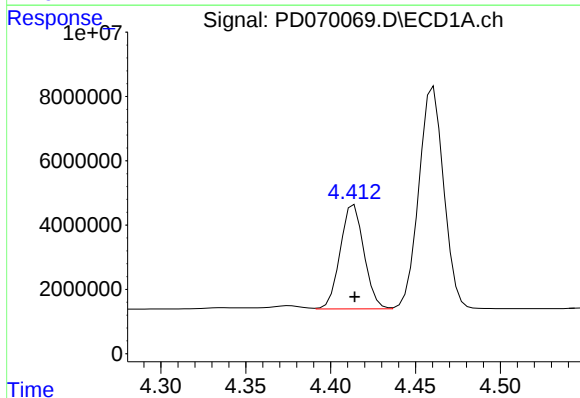
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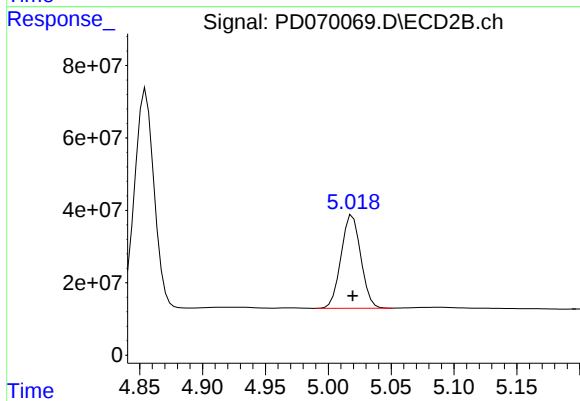
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 629278307
Conc: 54.55 ng/ml



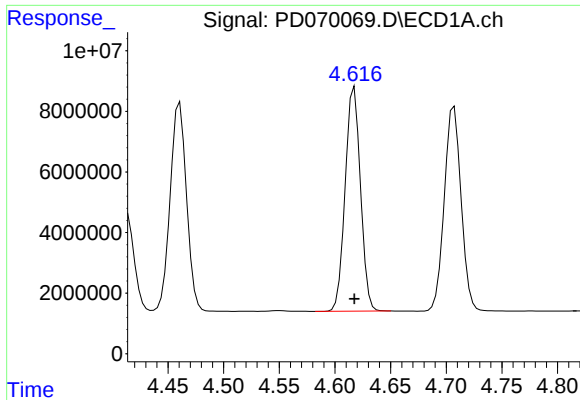
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 31520033
Conc: 45.29 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 281350915
Conc: 53.56 ng/ml



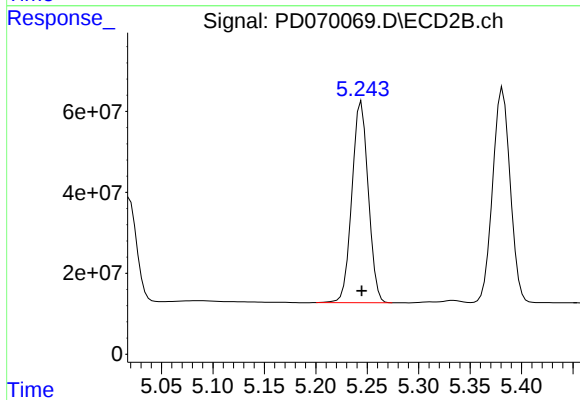
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 70672138
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

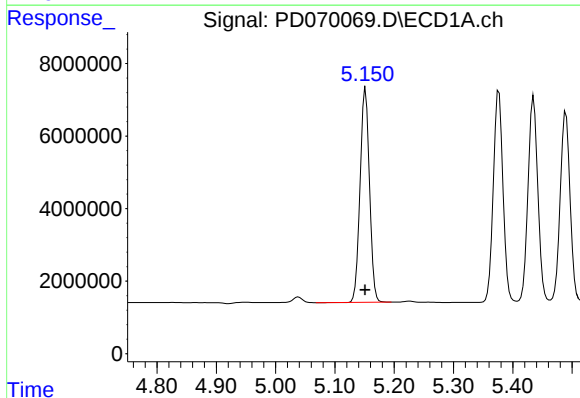
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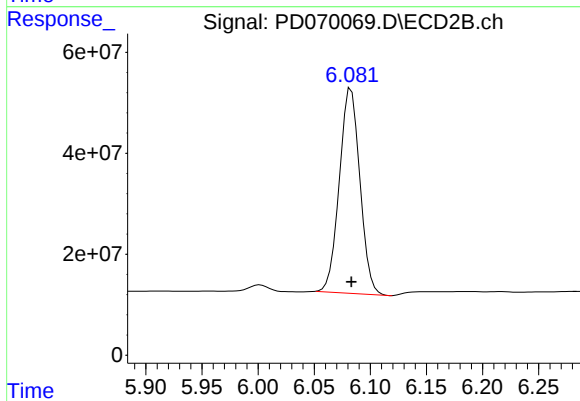
#7 delta-BHC

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 550754649
Conc: 57.89 ng/ml m



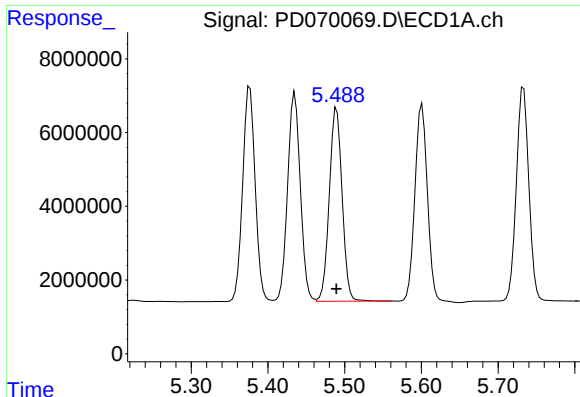
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 64893876
Conc: 48.60 ng/ml



#8 Heptachlor epoxide

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 517543537
Conc: 65.77 ng/ml



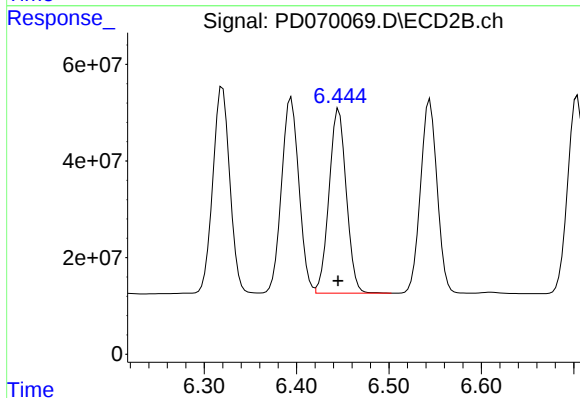
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 60809639
Conc: 48.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

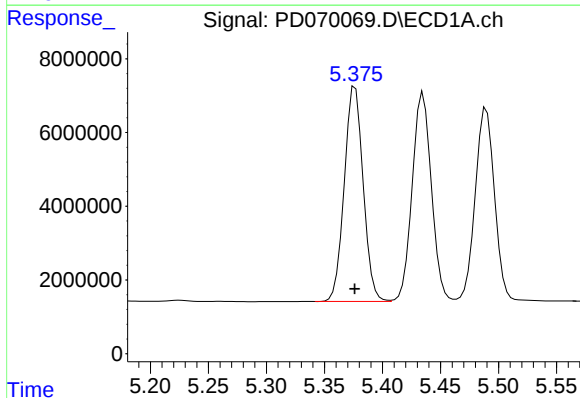
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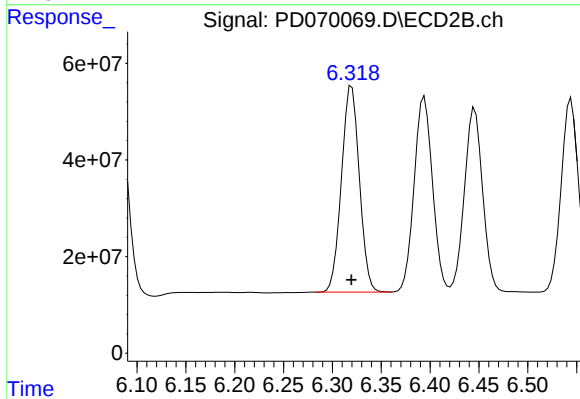
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 495493662
Conc: 54.33 ng/ml



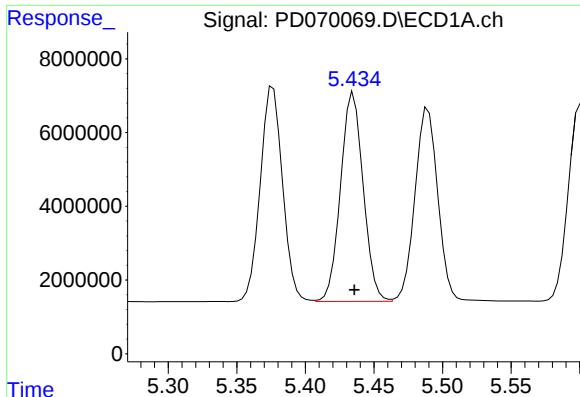
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 65969049
Conc: 48.75 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 544697452
Conc: 54.96 ng/ml



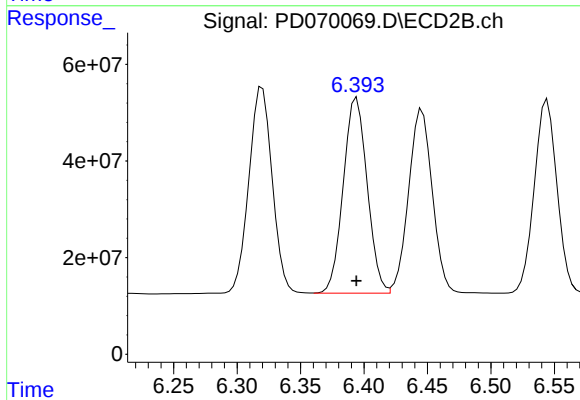
#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 65110536
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

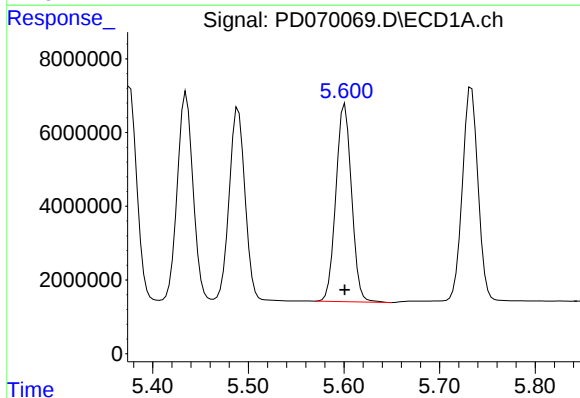
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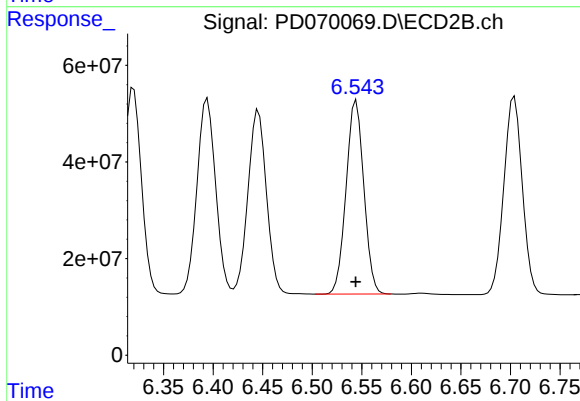
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 529943805
Conc: 54.53 ng/ml



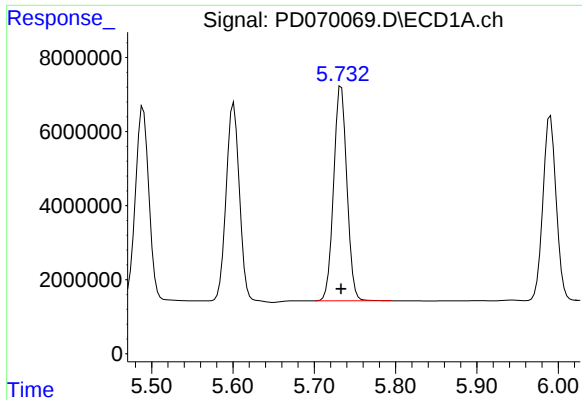
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 60947189
Conc: 48.11 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 498842459
Conc: 55.13 ng/ml



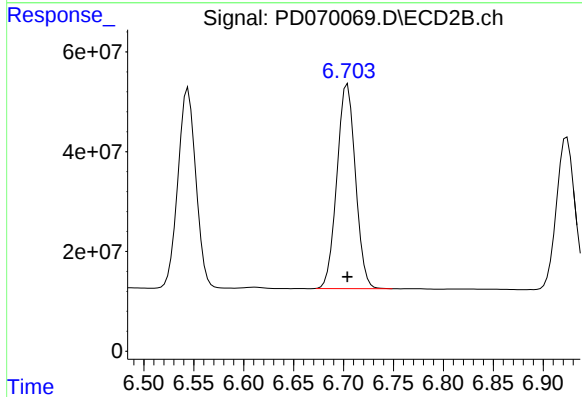
#13 Dieldrin

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 65721120
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

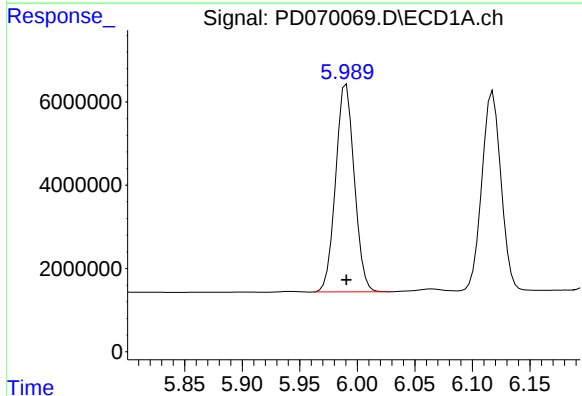
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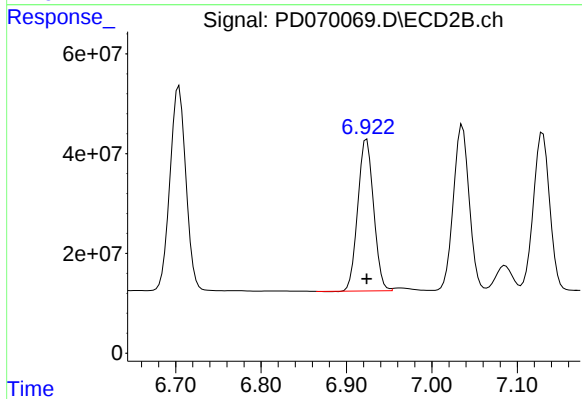
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 529807458
Conc: 56.16 ng/ml



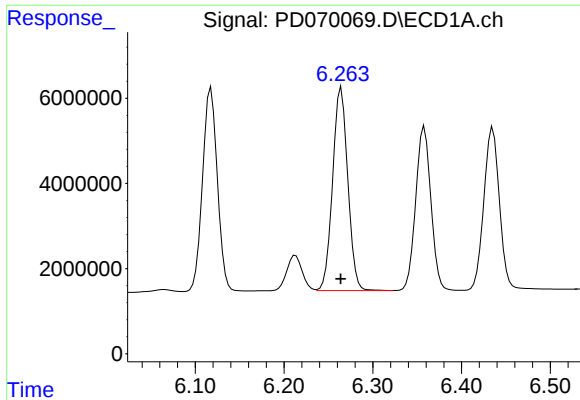
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 56331170
Conc: 48.79 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 391071456
Conc: 57.94 ng/ml



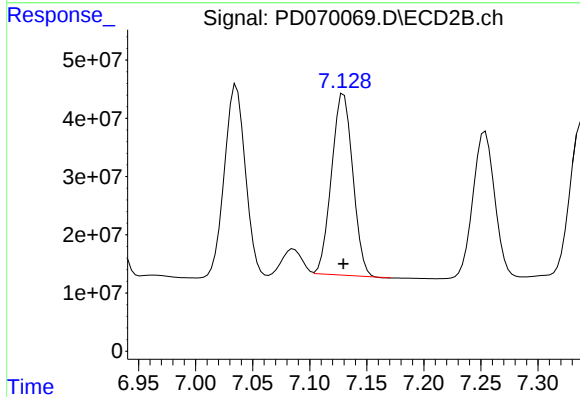
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 56660988
Conc: 50.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

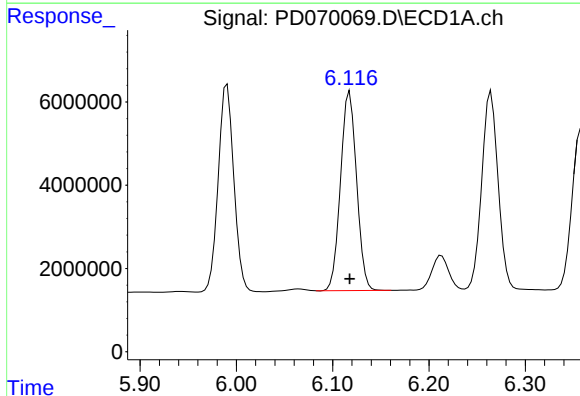
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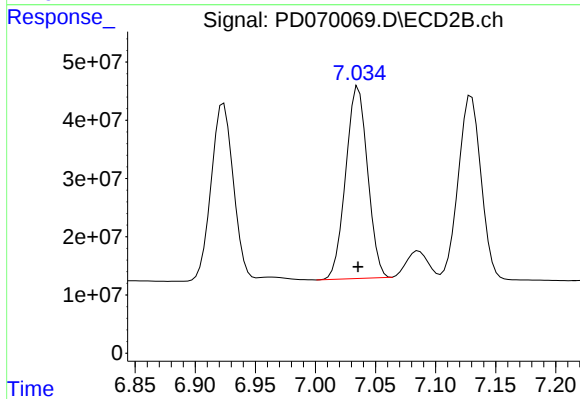
#15 Endosulfan II

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 403920132
Conc: 54.38 ng/ml



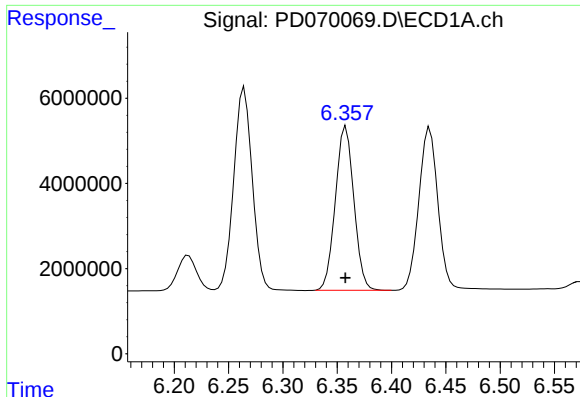
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 55240056
Conc: 51.05 ng/ml



#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 418189243
Conc: 56.47 ng/ml



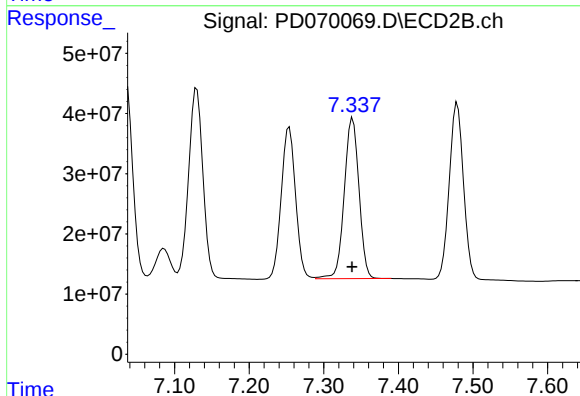
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 45678559
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

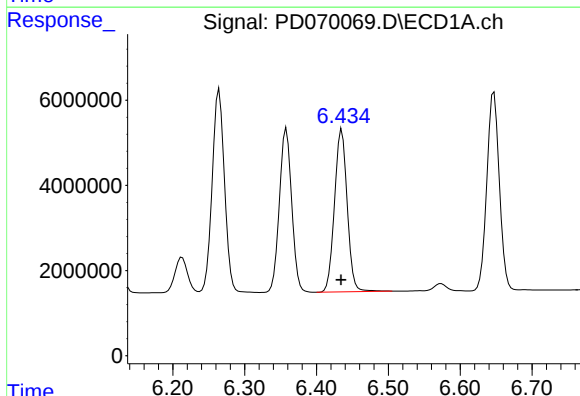
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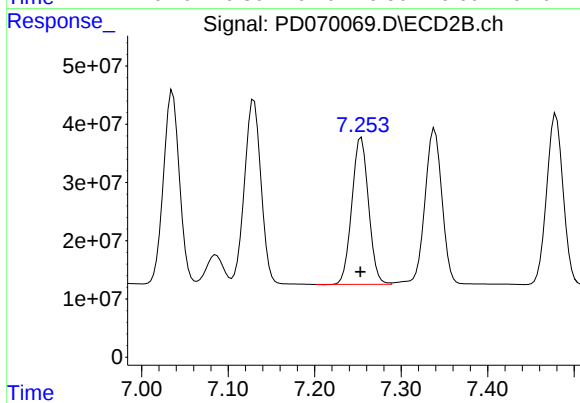
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 365809597
Conc: 49.99 ng/ml



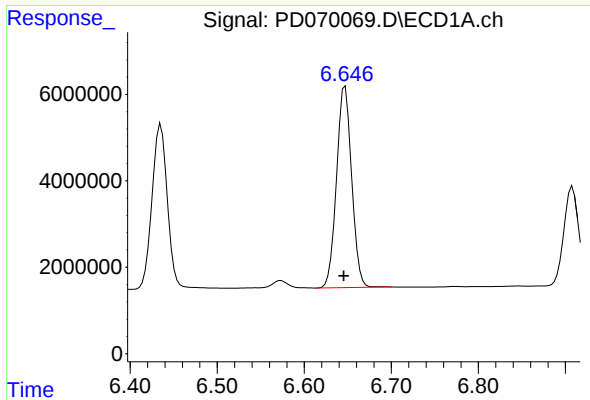
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 46733926
Conc: 54.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 337051837
Conc: 58.70 ng/ml



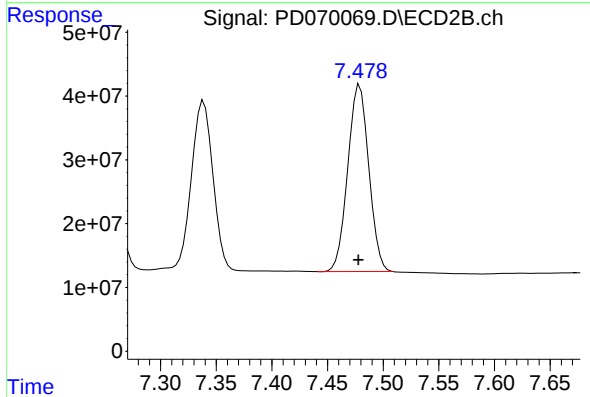
#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 56261770
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

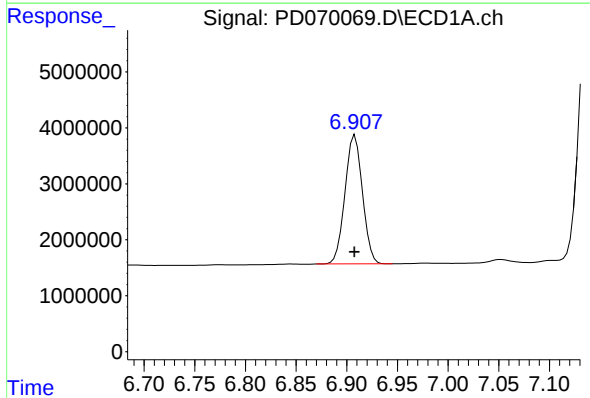
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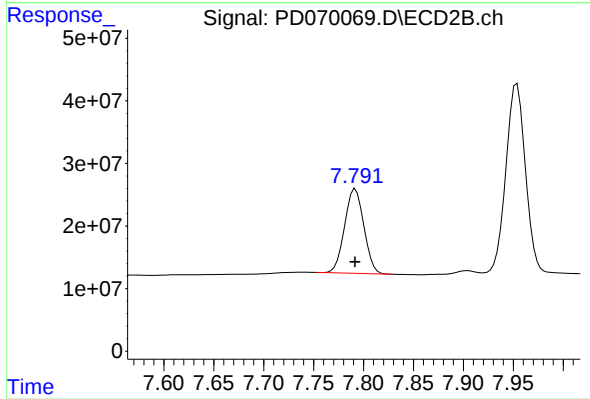
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 385721768
Conc: 52.32 ng/ml



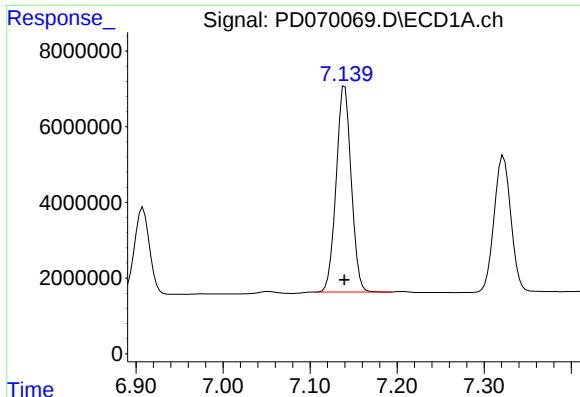
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 27573270
Conc: 48.60 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 181131562
Conc: 50.80 ng/ml



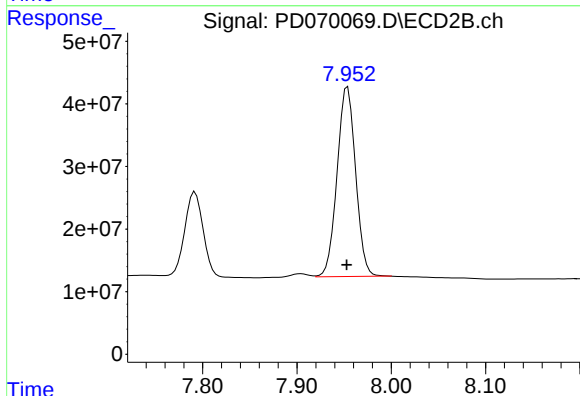
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 65509430
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145305BS

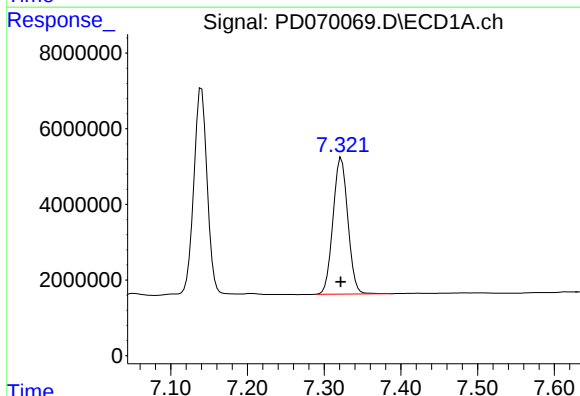
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



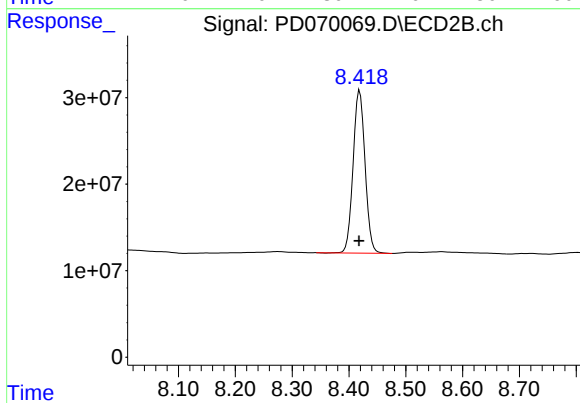
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.001 min
Response: 413904493
Conc: 51.99 ng/ml



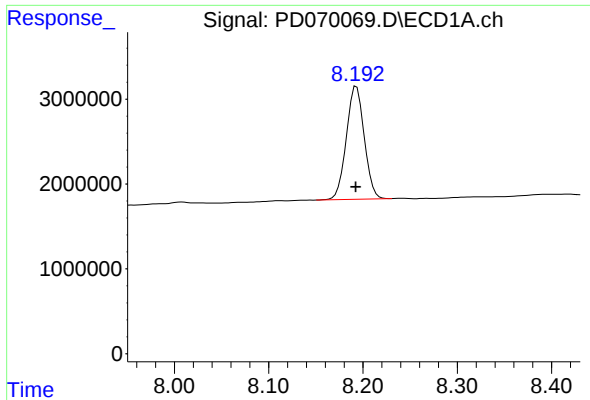
#22 Mirex

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 48431730
Conc: 48.17 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 275379545
Conc: 51.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 17618077
Conc: 16.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

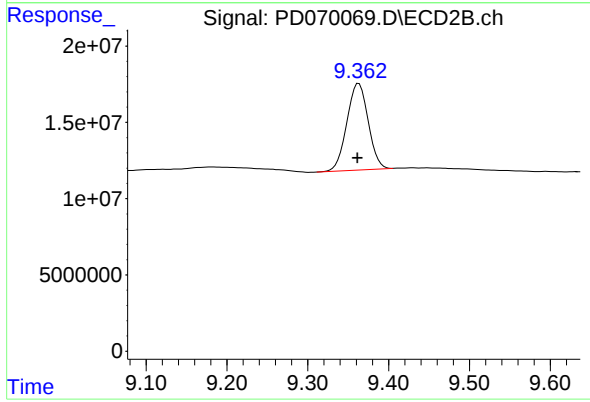
PB145305BS

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#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.002 min
Response: 103944116
Conc: 19.22 ng/ml