

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 17:14
 Operator : AR\AJ
 Sample : PB146357BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146357BS

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 23:51:49 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 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...	3.478	4.125	42156590	450.5E6	14.547	15.581
28)	SA Decachlor...	8.250	9.325	48908601	193.8E6	16.008	16.989
Target Compounds							
2)	A alpha-BHC	3.920	4.530	199.1E6	1589.1E6	45.374	41.925
3)	MA gamma-BHC...	4.204	4.824	180.8E6	1312.5E6	41.632	43.943
4)	MA Heptachlor	4.503	5.341	188.4E6	1000.8E6	45.260m	45.308
5)	MB Aldrin	4.753	5.653	189.8E6	834.5E6	45.426	45.077
6)	B beta-BHC	4.454	5.000	71479706	551.6E6	42.766	41.126
7)	B delta-BHC	4.659	5.225	174.2E6	1050.0E6	44.004	44.410
8)	B Heptachlo...	5.199	6.049	170.6E6	706.8E6	45.533	46.746
9)	A Endosulfan I	5.538	6.413	161.6E6	673.1E6	46.276	46.368
10)	B gamma-Chl...	5.425	6.285	174.6E6	726.4E6	44.892	46.059
11)	B alpha-Chl...	5.484	6.358	172.3E6	707.5E6	45.052	45.983
12)	B 4,4'-DDE	5.650	6.513	162.1E6	705.4E6	46.040	46.997
13)	MA Dieldrin	5.783	6.675	173.8E6	719.8E6	46.270	47.109
14)	MA Endrin	6.041	6.897	155.1E6	593.0E6	49.661	57.173
15)	B Endosulfa...	6.315	7.112	140.1E6	594.2E6	46.558	47.470
16)	A 4,4'-DDD	6.168	7.014	136.8E6	569.3E6	46.617	45.771
17)	MA 4,4'-DDT	6.409	7.315	145.8E6	645.4E6	47.633	48.187
18)	B Endrin al...	6.486	7.238	108.2E6	472.5E6	45.097	46.860
19)	B Endosulfa...	6.697	7.462	137.9E6	565.4E6	46.307m	46.792
20)	A Methoxychlor	6.959	7.774	79294999	319.7E6	47.967m	46.528
21)	B Endrin ke...	7.192	7.944	162.4E6	633.5E6	46.894	45.770
22)	Mirex	7.376	8.398	127.9E6	441.7E6	46.135m	48.067

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
Data File : PD071092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2022 17:14
Operator : AR\AJ
Sample : PB146357BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

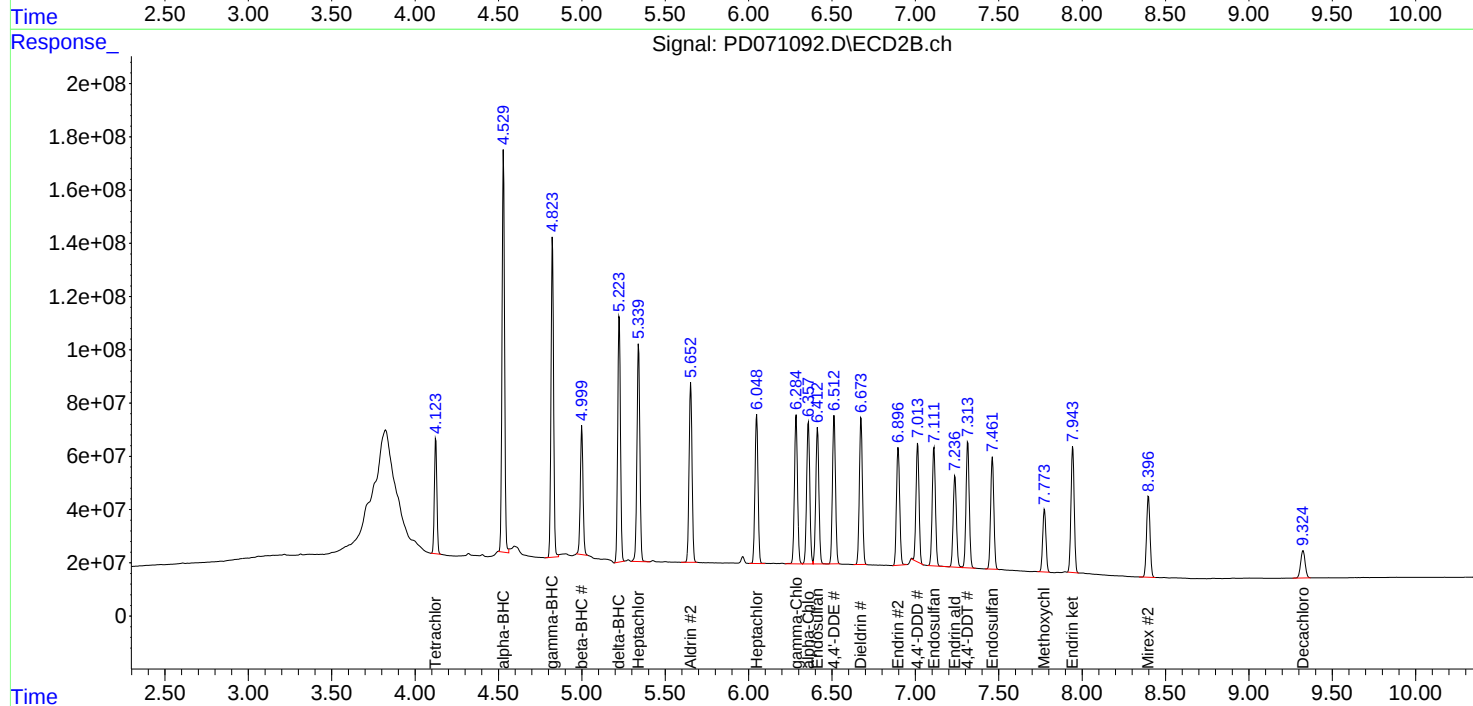
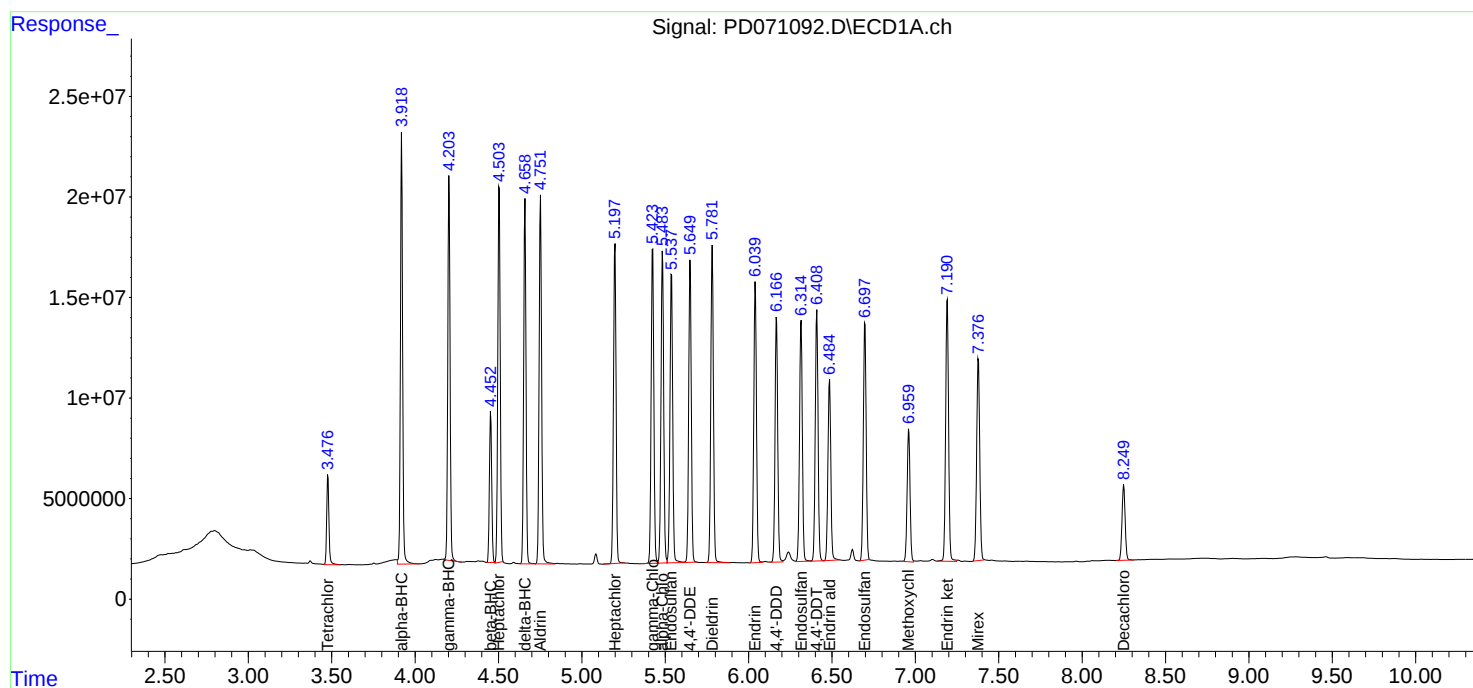
Instrument :
ECD_D
ClientSampleId :
PB146357BS

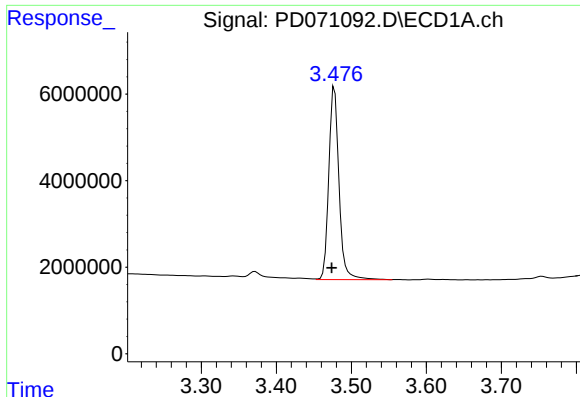
Manual Integrations
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Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:51:49 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
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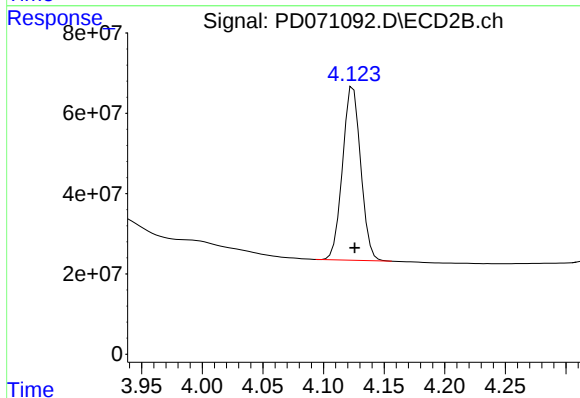
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.004 min
Response: 42156590
Conc: 14.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

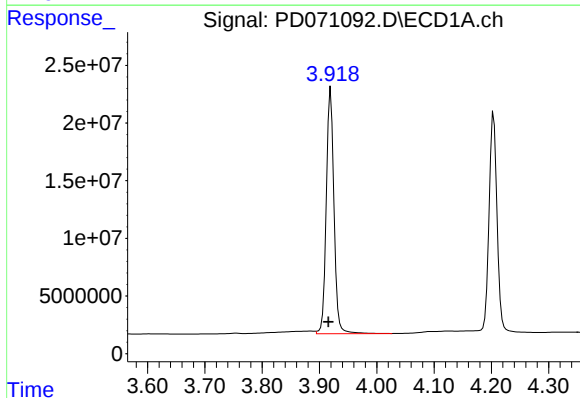
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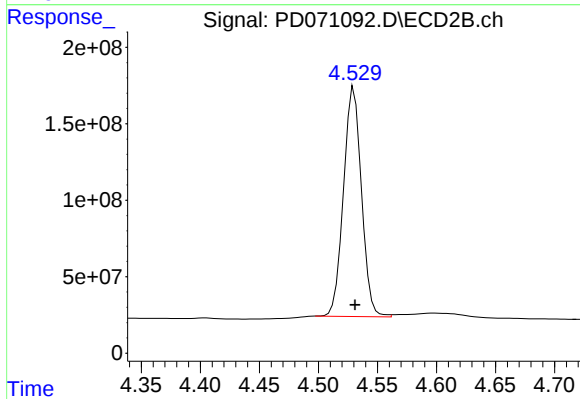
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 450488099
Conc: 15.58 ng/ml



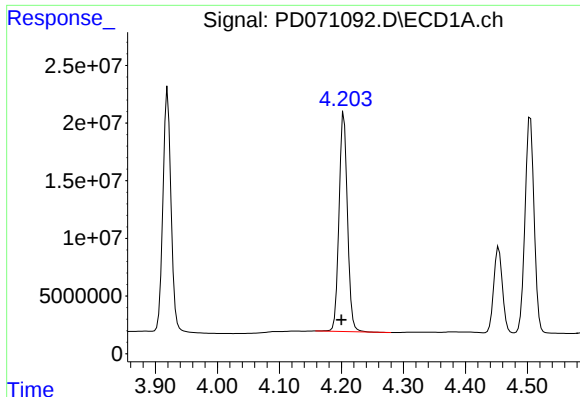
#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: 0.004 min
Response: 199067340
Conc: 45.37 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1589082645
Conc: 41.92 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.204 min
Delta R.T.: 0.004 min
Response: 180768788
Conc: 41.63 ng/ml

Instrument :

ECD_D

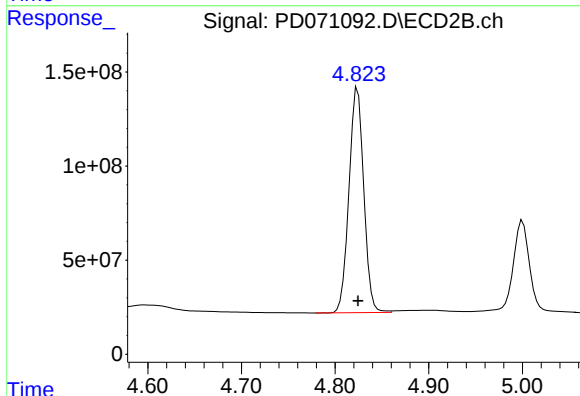
ClientSampleId :

PB146357BS

Manual Integrations

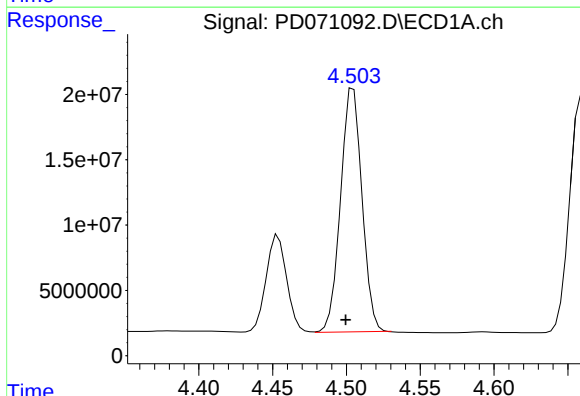
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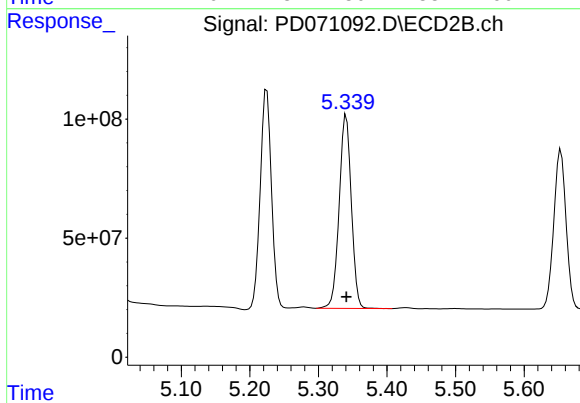
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1312456077
Conc: 43.94 ng/ml



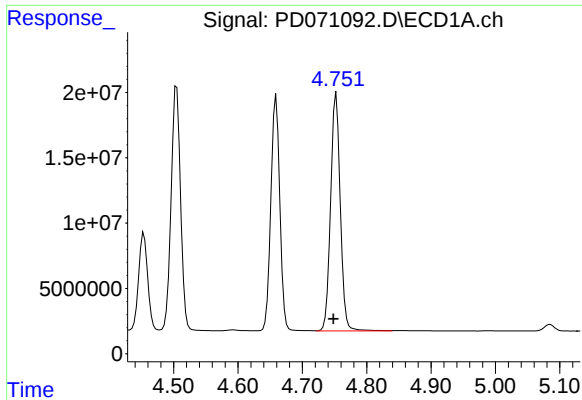
#4 Heptachlor

R.T.: 4.503 min
Delta R.T.: 0.004 min
Response: 188444706
Conc: 45.26 ng/ml m



#4 Heptachlor

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 1000841411
Conc: 45.31 ng/ml



#5 Aldrin

R.T.: 4.753 min
Delta R.T.: 0.005 min
Response: 189833797
Conc: 45.43 ng/ml

Instrument :

ECD_D

ClientSampleId :

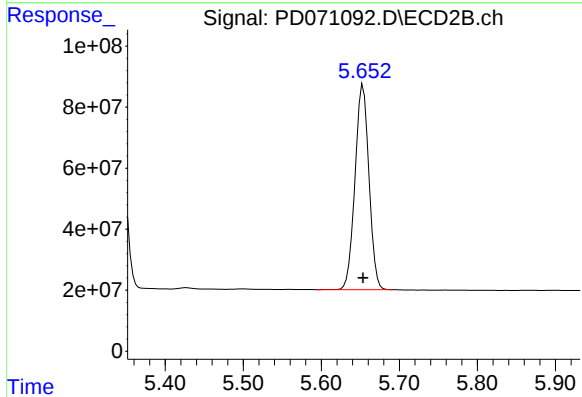
PB146357BS

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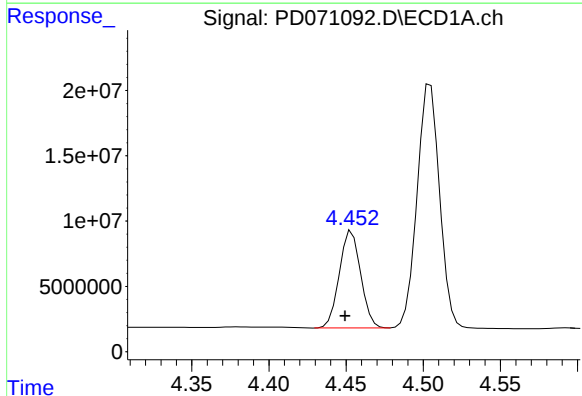
Reviewed By :Abdul Mirza 07/22/2022

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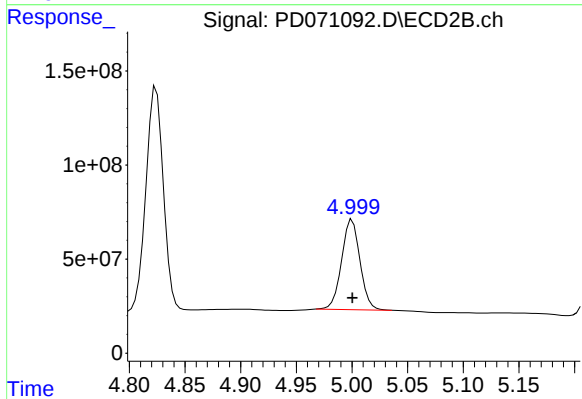
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 834510015
Conc: 45.08 ng/ml



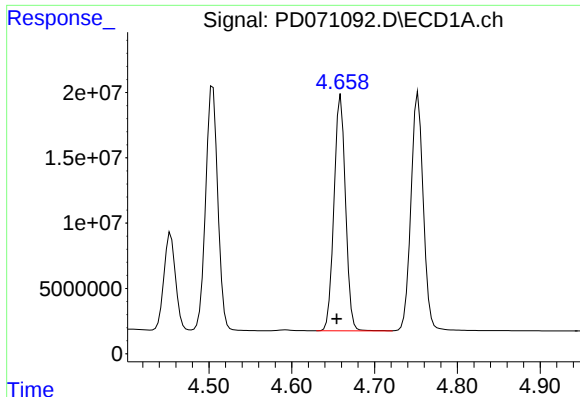
#6 beta-BHC

R.T.: 4.454 min
Delta R.T.: 0.004 min
Response: 71479706
Conc: 42.77 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 551642608
Conc: 41.13 ng/ml



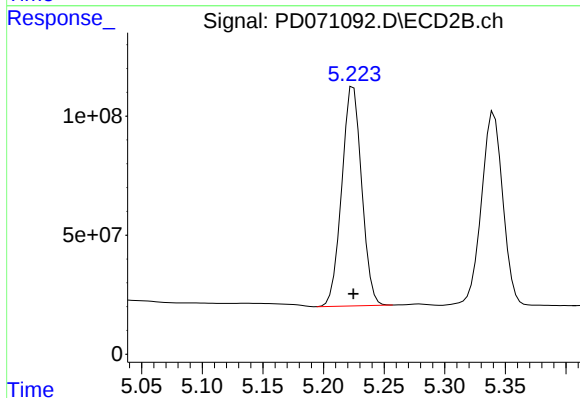
#7 delta-BHC

R.T.: 4.659 min
Delta R.T.: 0.005 min
Response: 174166855
Conc: 44.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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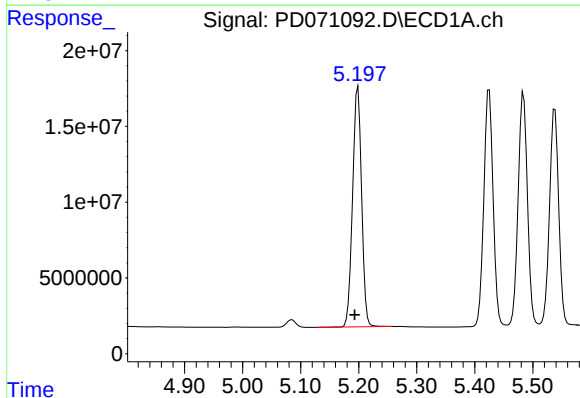
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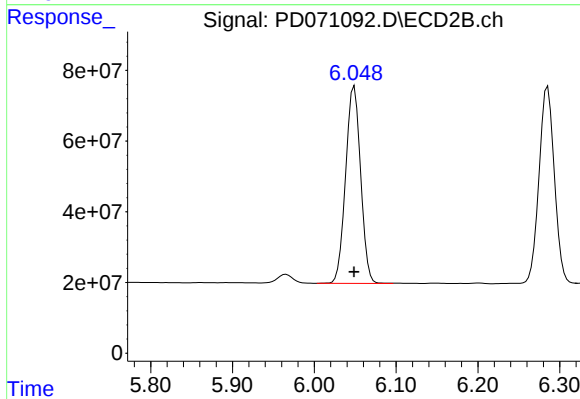
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1050013668
Conc: 44.41 ng/ml



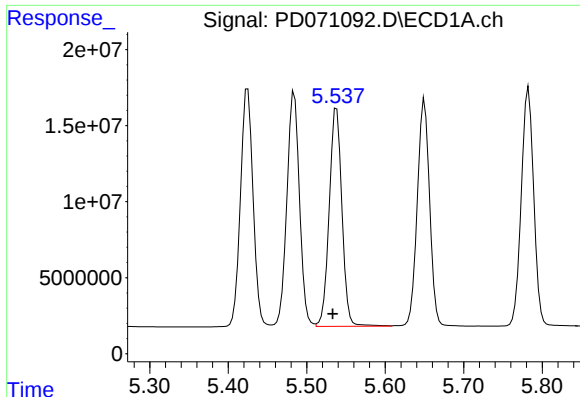
#8 Heptachlor epoxide

R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 170558888
Conc: 45.53 ng/ml



#8 Heptachlor epoxide

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 706765456
Conc: 46.75 ng/ml



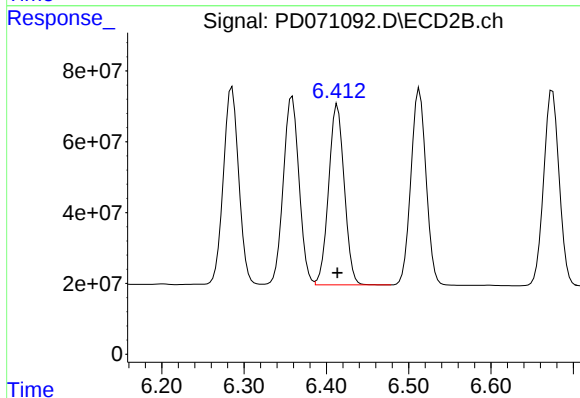
#9 Endosulfan I

R.T.: 5.538 min
Delta R.T.: 0.005 min
Response: 161578704
Conc: 46.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

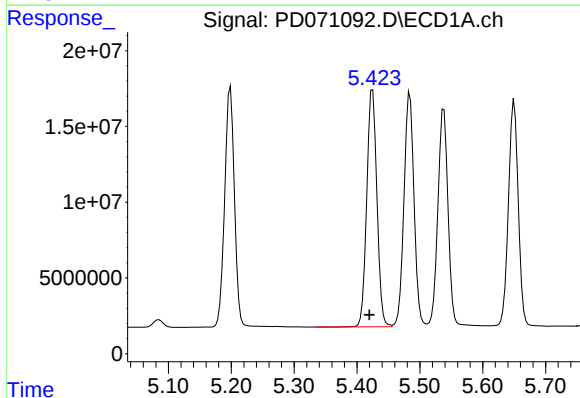
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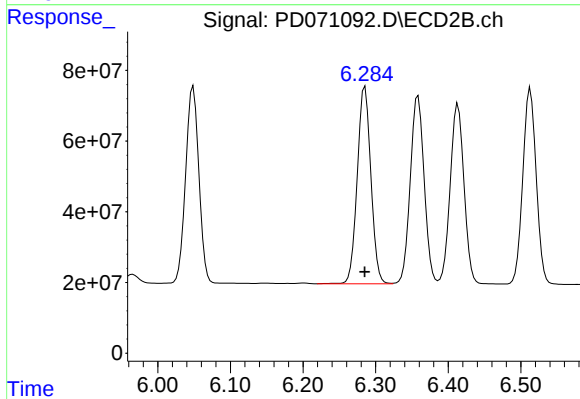
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 673102694
Conc: 46.37 ng/ml



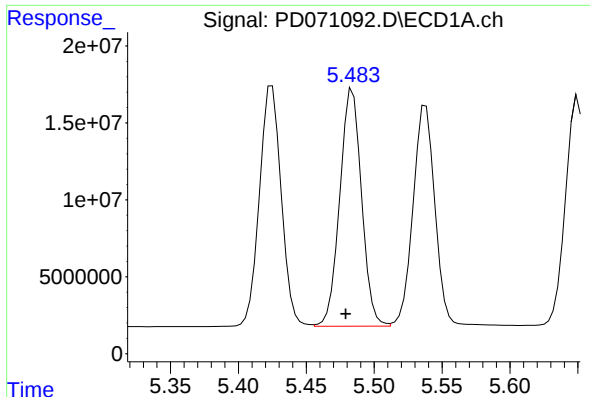
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: 0.005 min
Response: 174556455
Conc: 44.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 726419312
Conc: 46.06 ng/ml



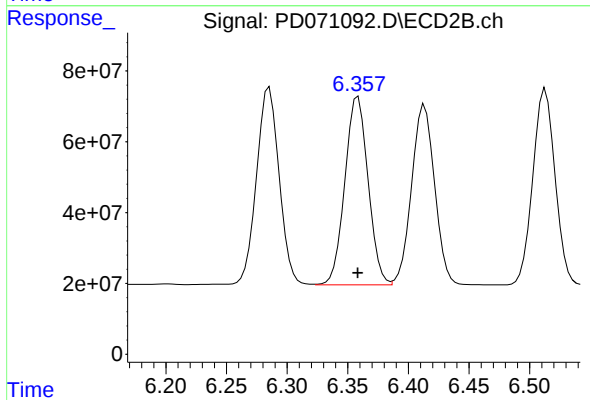
#11 alpha-Chlordane

R.T.: 5.484 min
Delta R.T.: 0.005 min
Response: 172250239
Conc: 45.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

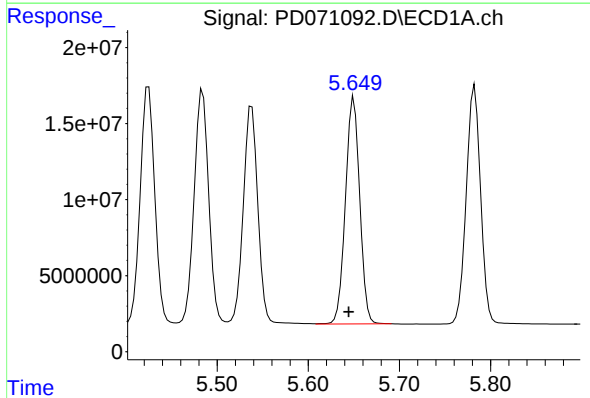
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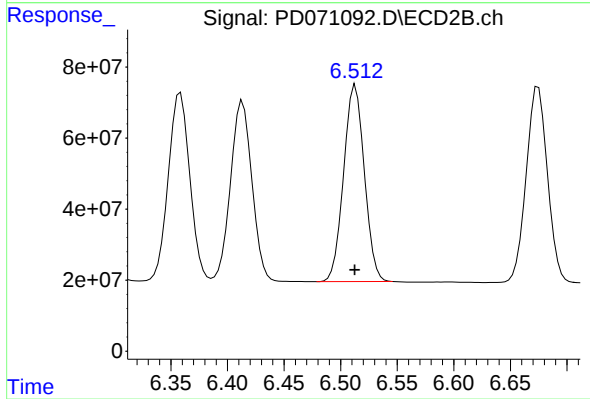
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 707537760
Conc: 45.98 ng/ml



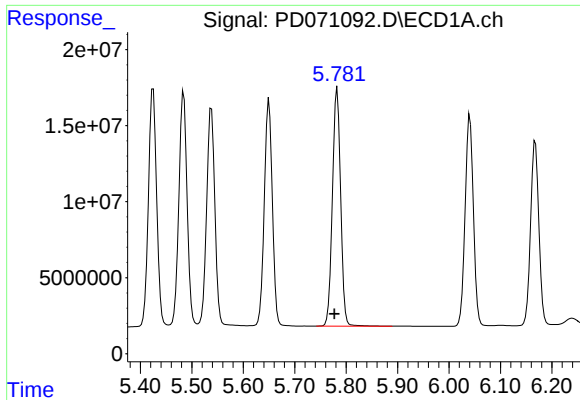
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: 0.006 min
Response: 162139361
Conc: 46.04 ng/ml



#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 705436249
Conc: 47.00 ng/ml



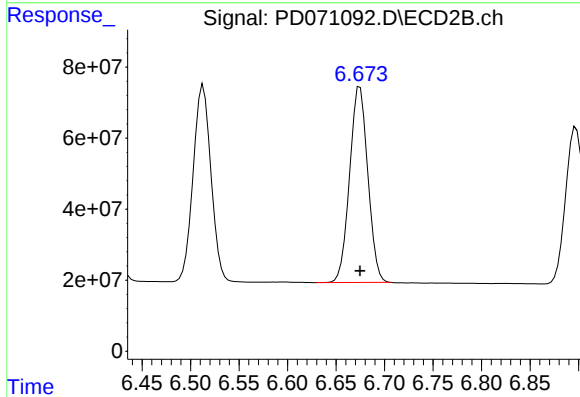
#13 Dieldrin

R.T.: 5.783 min
Delta R.T.: 0.005 min
Response: 173813449
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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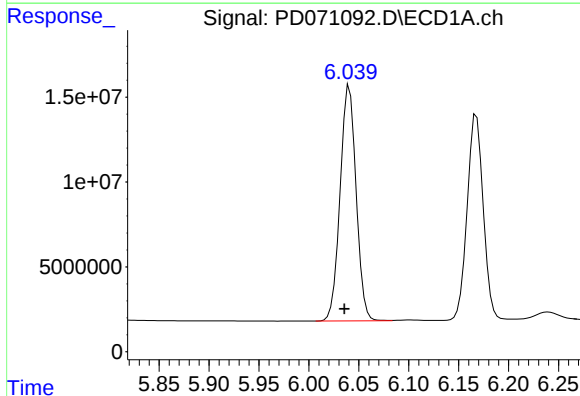
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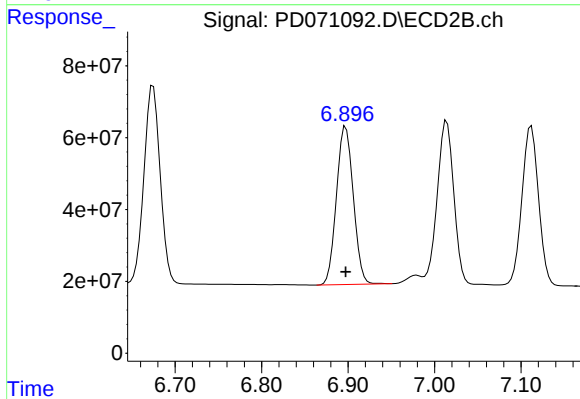
#13 Dieldrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 719823698
Conc: 47.11 ng/ml



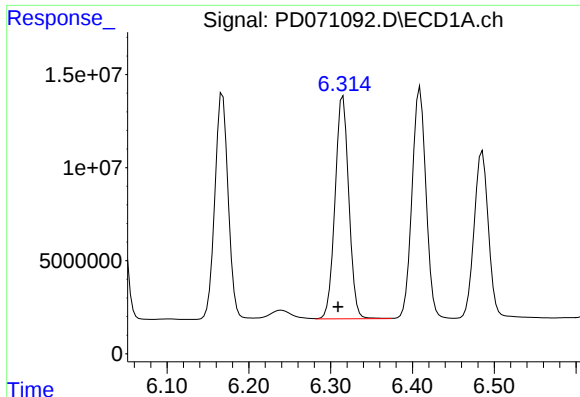
#14 Endrin

R.T.: 6.041 min
Delta R.T.: 0.005 min
Response: 155080487
Conc: 49.66 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 593011967
Conc: 57.17 ng/ml



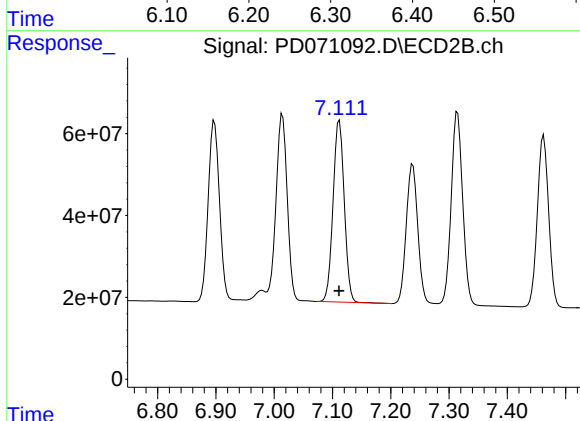
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.006 min
Response: 140050332
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
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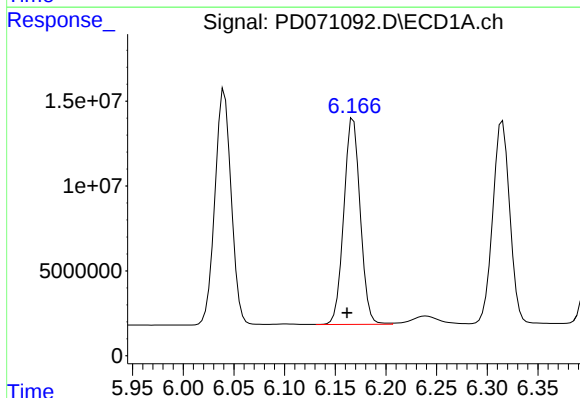
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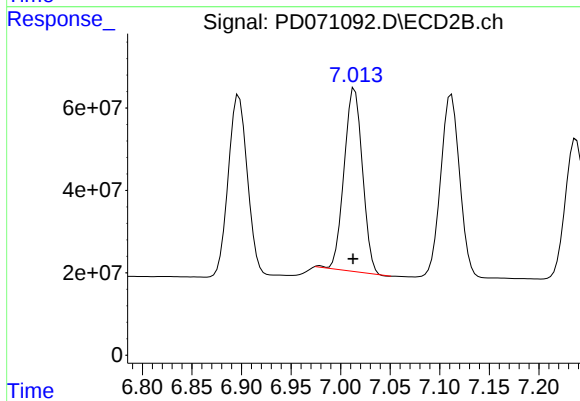
#15 Endosulfan II

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 594242089
Conc: 47.47 ng/ml



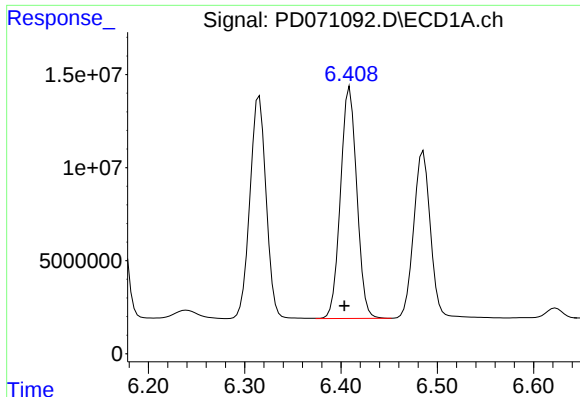
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.006 min
Response: 136820257
Conc: 46.62 ng/ml



#16 4,4'-DDD

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 569307375
Conc: 45.77 ng/ml



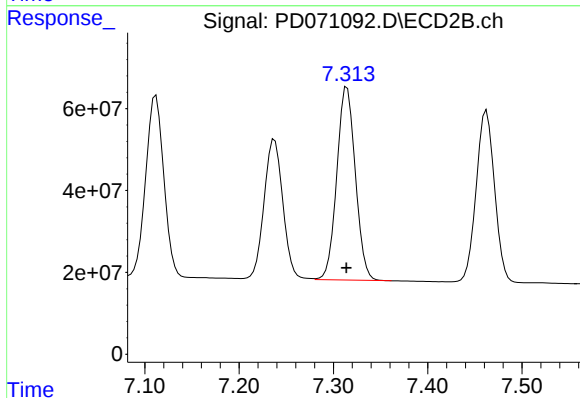
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.006 min
Response: 145811058
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

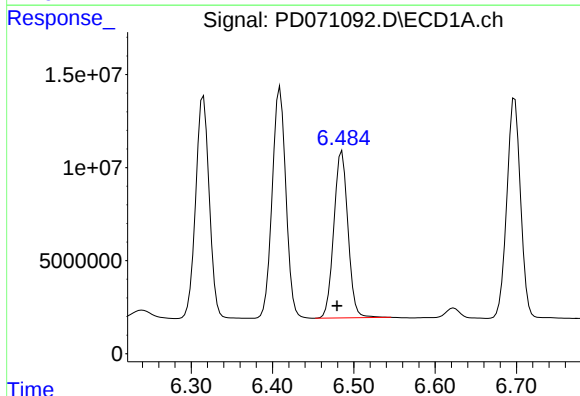
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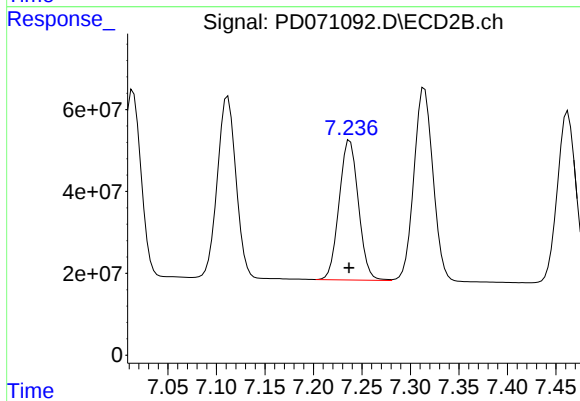
#17 4,4'-DDT

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 645383669
Conc: 48.19 ng/ml



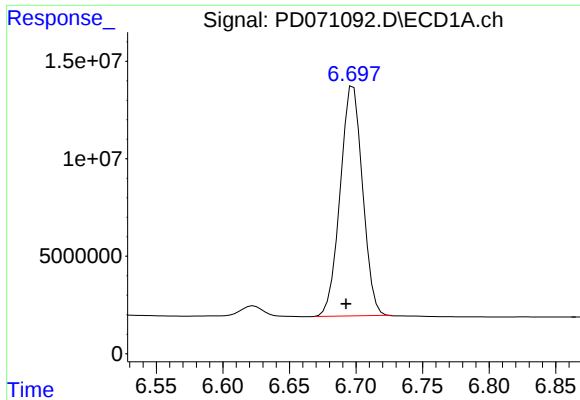
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.006 min
Response: 108166241
Conc: 45.10 ng/ml



#18 Endrin aldehyde

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 472547437
Conc: 46.86 ng/ml



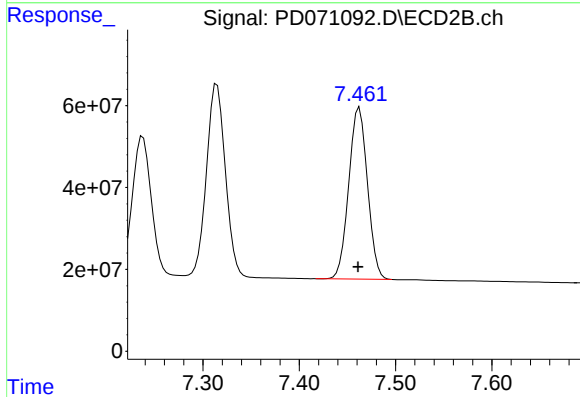
#19 Endosulfan Sulfate

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 137946763
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

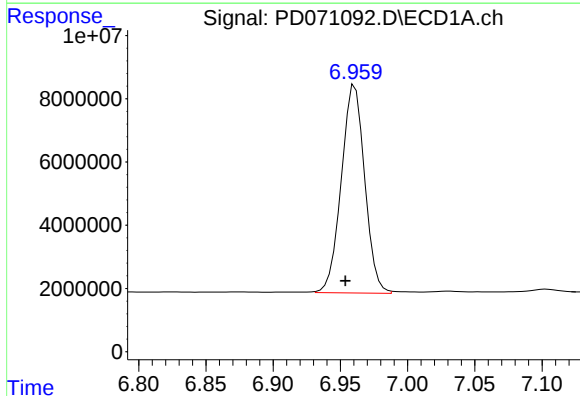
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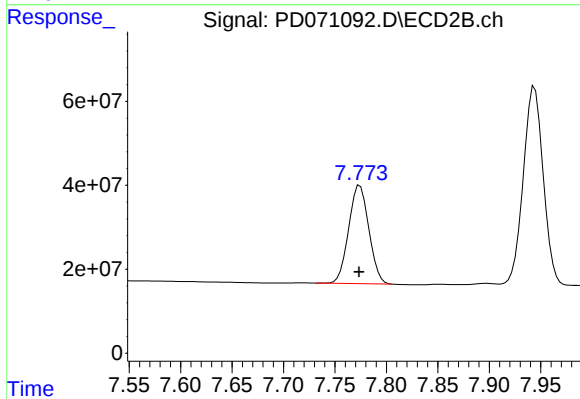
#19 Endosulfan Sulfate

R.T.: 7.462 min
Delta R.T.: 0.001 min
Response: 565392150
Conc: 46.79 ng/ml



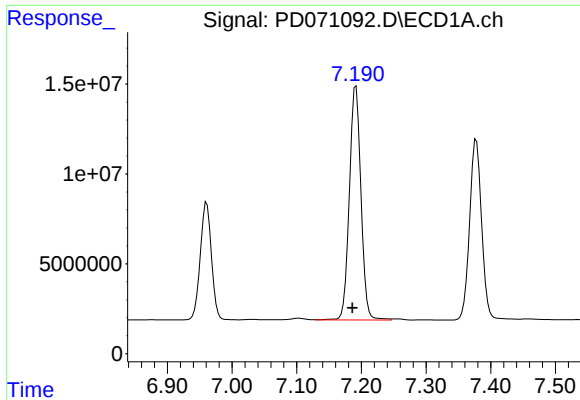
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: 0.006 min
Response: 79294999
Conc: 47.97 ng/ml m



#20 Methoxychlor

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 319715212
Conc: 46.53 ng/ml



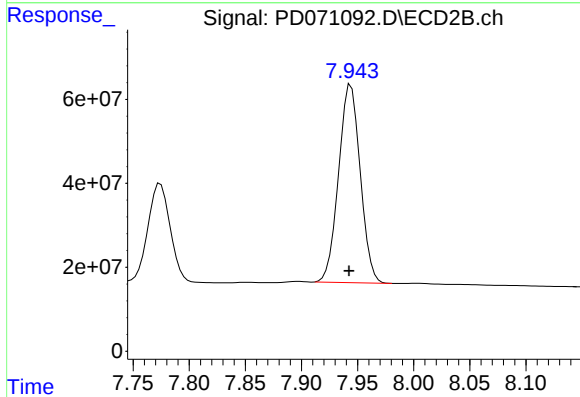
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.005 min
Response: 162434385
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146357BS

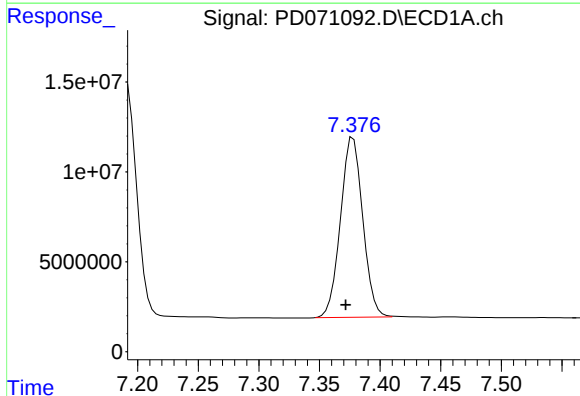
Manual Integrations
APPROVED

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



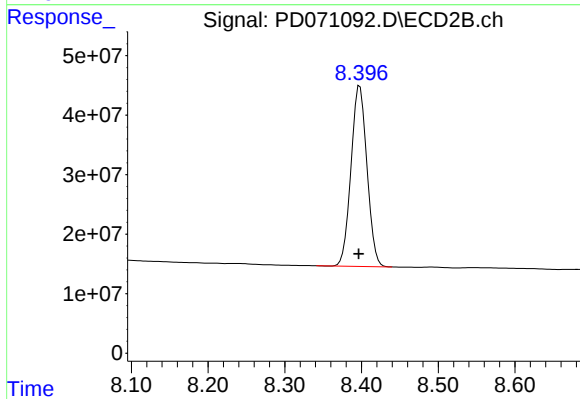
#21 Endrin ketone

R.T.: 7.944 min
Delta R.T.: 0.002 min
Response: 633456724
Conc: 45.77 ng/ml



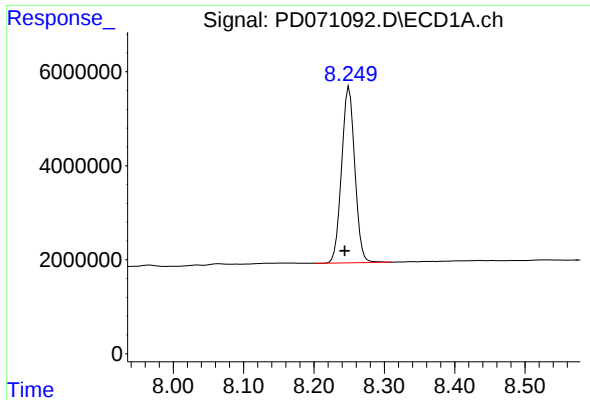
#22 Mirex

R.T.: 7.376 min
Delta R.T.: 0.005 min
Response: 127910032
Conc: 46.14 ng/ml m



#22 Mirex

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 441711950
Conc: 48.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: 0.006 min
Response: 48908601
Conc: 16.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

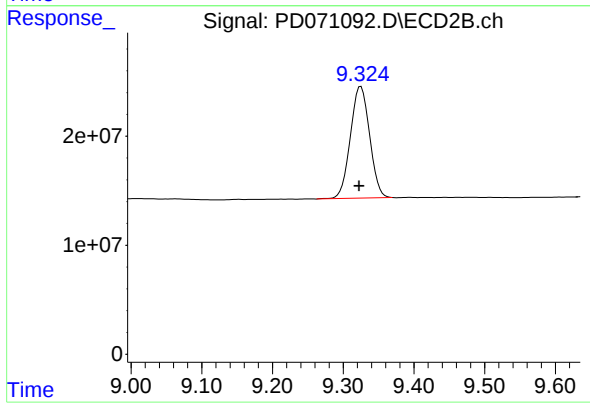
PB146357BS

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#28 Decachlorobiphenyl

R.T.: 9.325 min
Delta R.T.: 0.003 min
Response: 193753163
Conc: 16.99 ng/ml