

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
 Data File : PD070138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2022 20:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:29:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.441	4.168	54855897	489.1E6	50.528	50.109
28)	SA Decachlor...	8.191	9.361	55846727	311.6E6	50.217	50.660
Target Compounds							
2)	A alpha-BHC	3.879	4.565	84516418	747.3E6	51.673	51.273
3)	MA gamma-BHC...	4.162	4.855	78457368	685.1E6	50.952	50.769
4)	MA Heptachlor	4.459	5.381	77616731	674.2E6	50.193	51.507
5)	MB Aldrin	4.706	5.693	75204558	657.5E6	51.136	51.398
6)	B beta-BHC	4.413	5.018	35084686	307.2E6	48.767	50.454
7)	B delta-BHC	4.617	5.244	79862425	617.3E6	51.588	68.006 #
8)	B Heptachlo...	5.150	6.082	69609811	561.5E6	50.763	68.160 #
9)	A Endosulfan I	5.488	6.444	65409362	538.7E6	49.970	50.869
10)	B gamma-Chl...	5.375	6.319	70413007	589.2E6	50.675	51.261
11)	B alpha-Chl...	5.434	6.393	69659381	570.0E6	50.308	50.419
12)	B 4,4'-DDE	5.600	6.543	64765082	537.0E6	51.786	51.221
13)	MA Dieldrin	5.731	6.703	68767958	559.6E6	51.061	51.195
14)	MA Endrin	5.989	6.922	58499702	429.0E6	48.576	51.106
15)	B Endosulfa...	6.263	7.128	57611157	431.1E6	51.027	50.990
16)	A 4,4'-DDD	6.116	7.035	56497119	442.1E6	52.019	52.570
17)	MA 4,4'-DDT	6.356	7.337	54575534	426.9E6	51.443	49.733
18)	B Endrin al...	6.432	7.251	47537623	350.5E6	51.368	51.080m
19)	B Endosulfa...	6.646	7.477	60443655	428.3E6	51.071	51.425
20)	A Methoxychlor	6.907	7.791	31664028	216.4E6	51.359	51.317
21)	B Endrin ke...	7.138	7.952	70896524	452.5E6	52.669	52.149
22)	Mirex	7.321	8.417	53206765	307.5E6	50.947	50.049

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

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PSTDCCC050

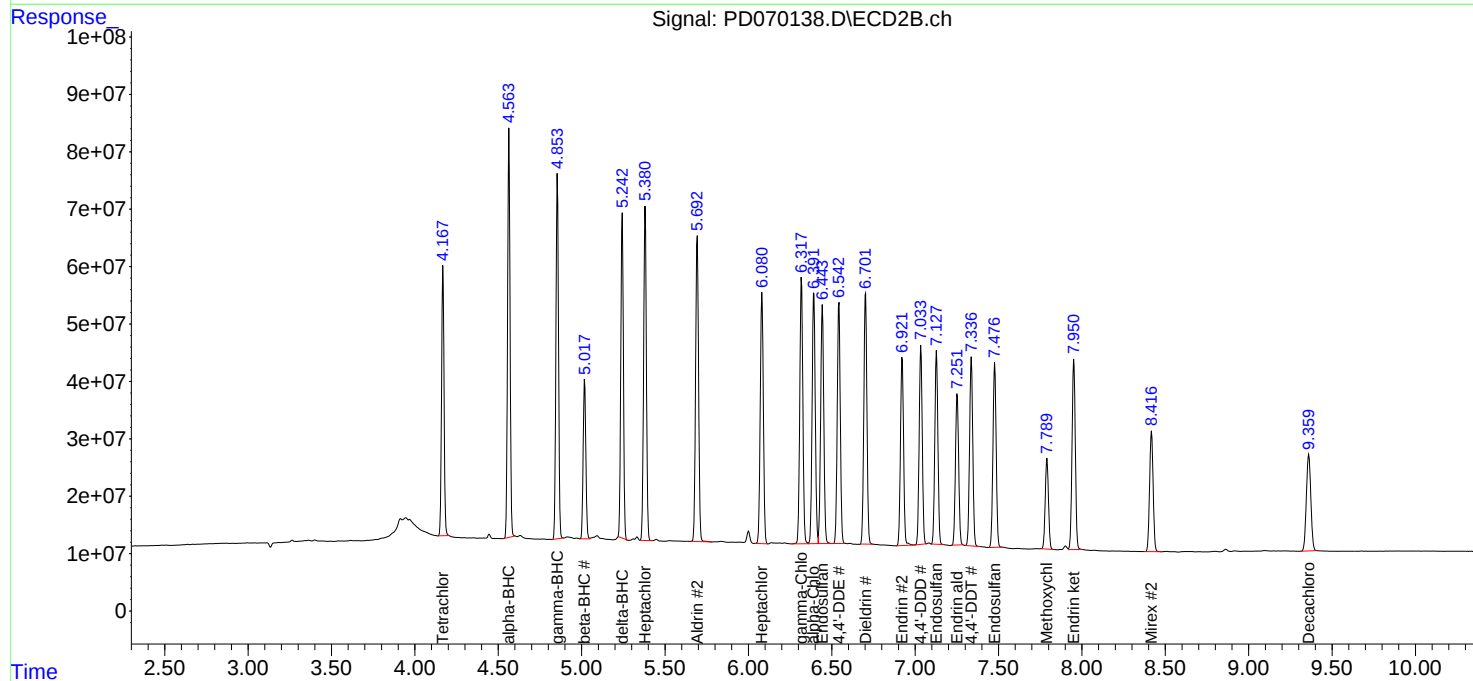
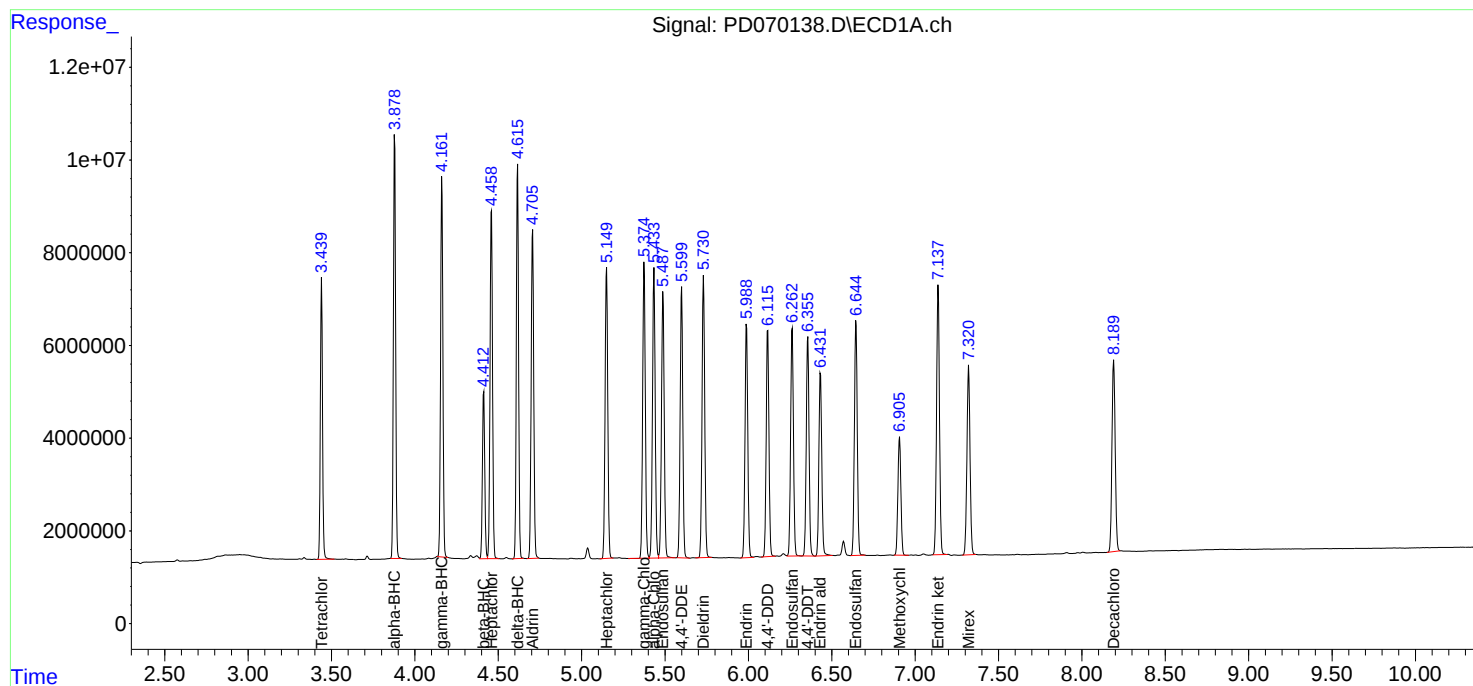
Manual Integrations

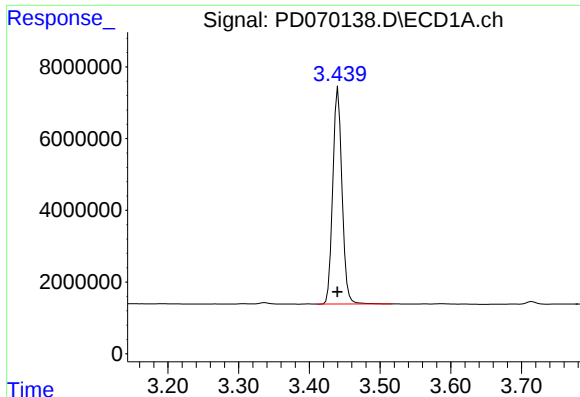
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:29:17 2022
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 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





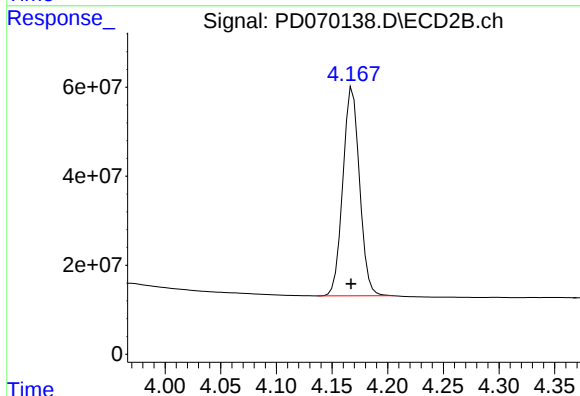
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 54855897
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

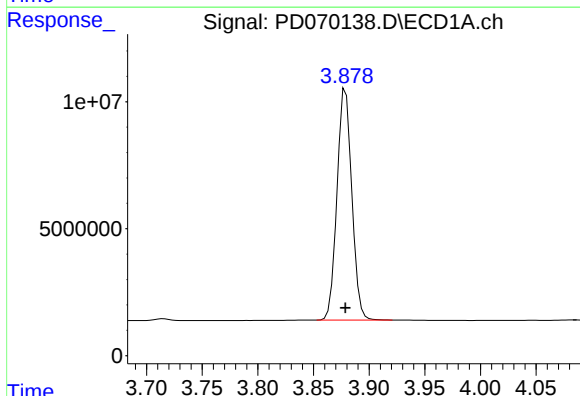
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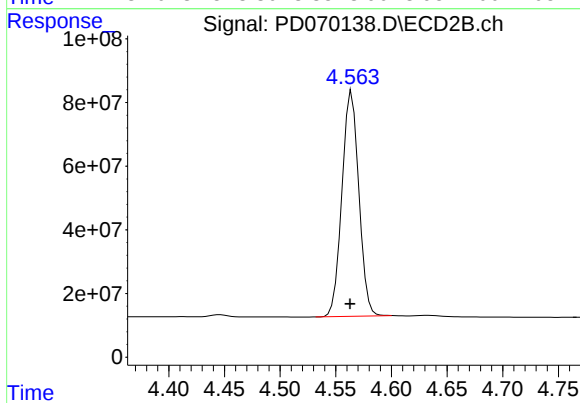
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 489129446
Conc: 50.11 ng/ml



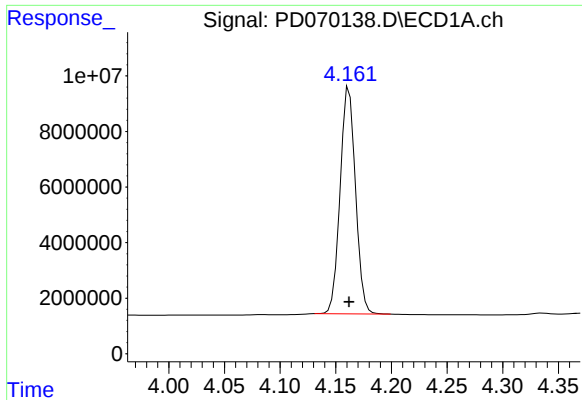
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 84516418
Conc: 51.67 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 747267681
Conc: 51.27 ng/ml



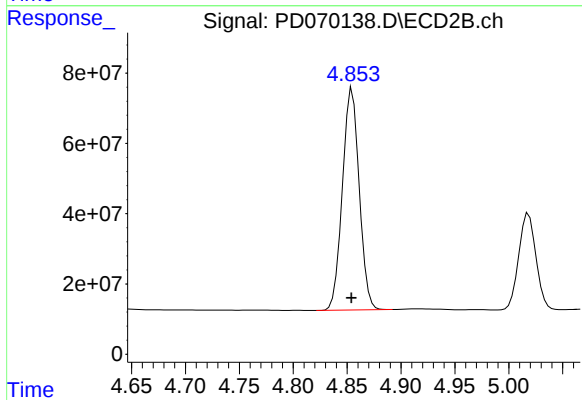
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 78457368
Conc: 50.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

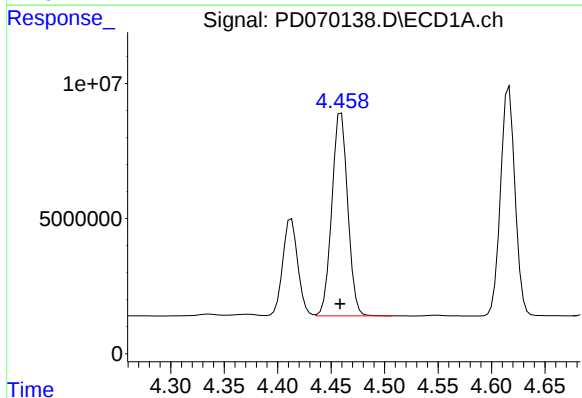
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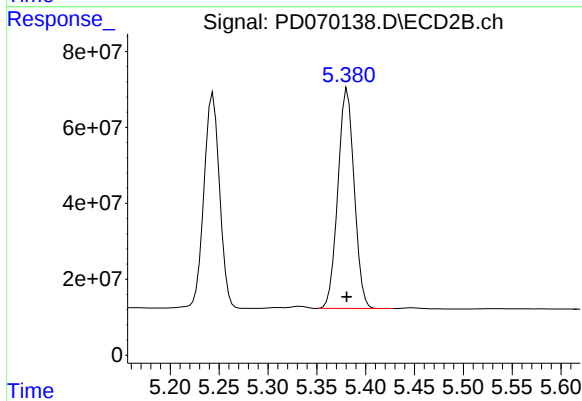
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 685063478
Conc: 50.77 ng/ml



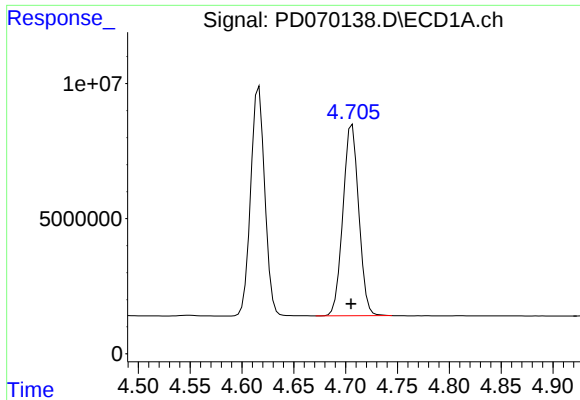
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 77616731
Conc: 50.19 ng/ml



#4 Heptachlor

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 674221176
Conc: 51.51 ng/ml



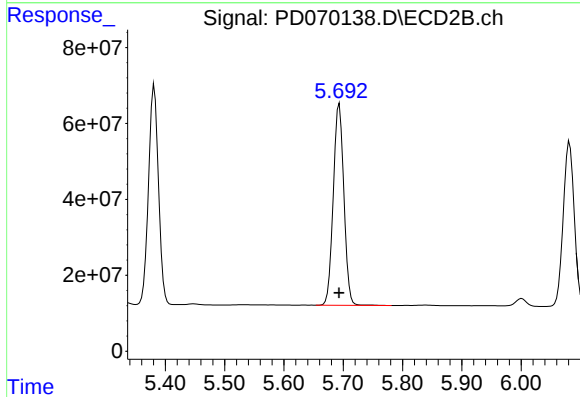
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 75204558
Conc: 51.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

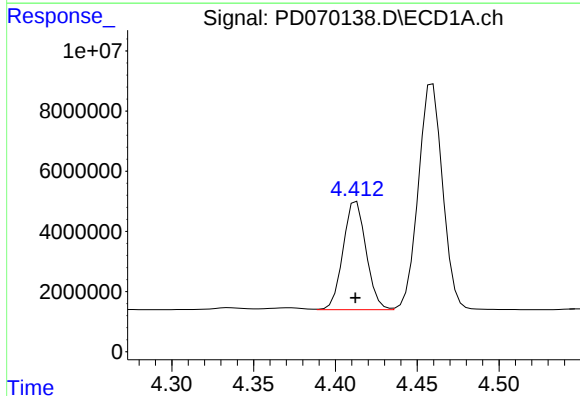
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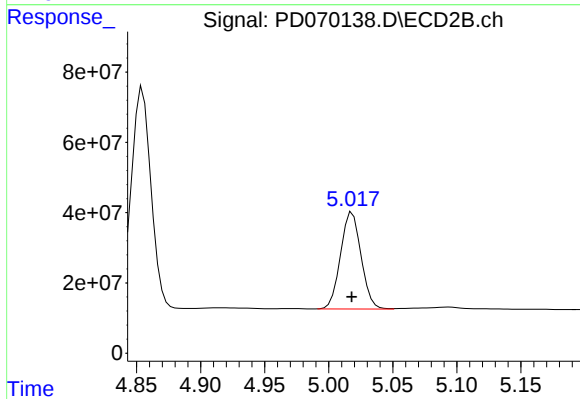
#5 Aldrin

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 657477330
Conc: 51.40 ng/ml



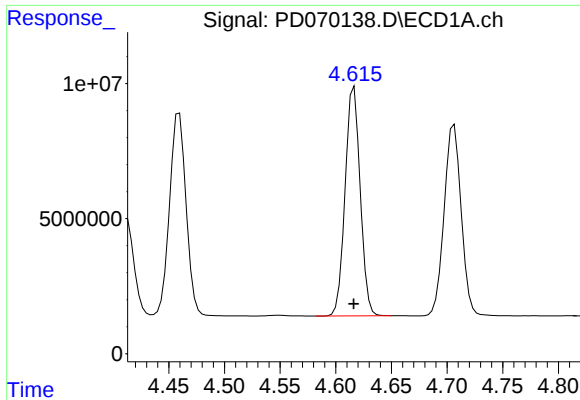
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 35084686
Conc: 48.77 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 307173592
Conc: 50.45 ng/ml



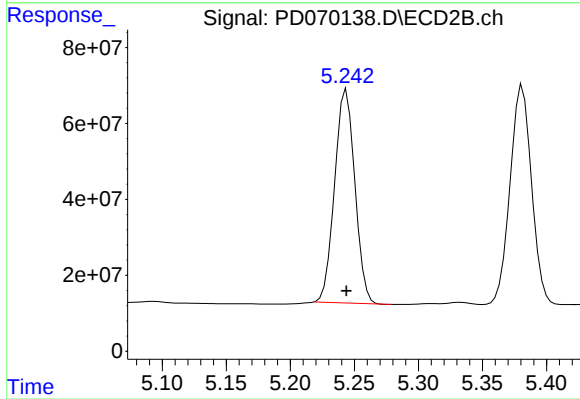
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 79862425
Conc: 51.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

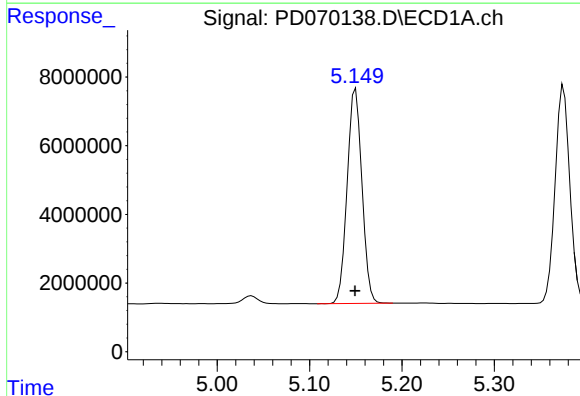
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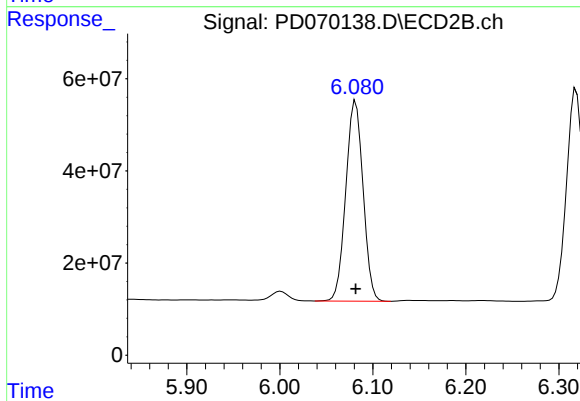
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 617320066
Conc: 68.01 ng/ml



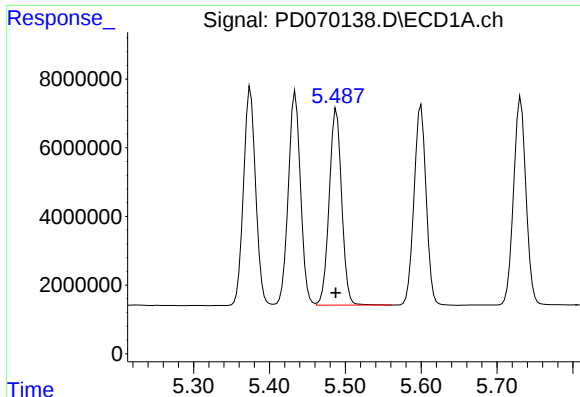
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 69609811
Conc: 50.76 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 561522888
Conc: 68.16 ng/ml



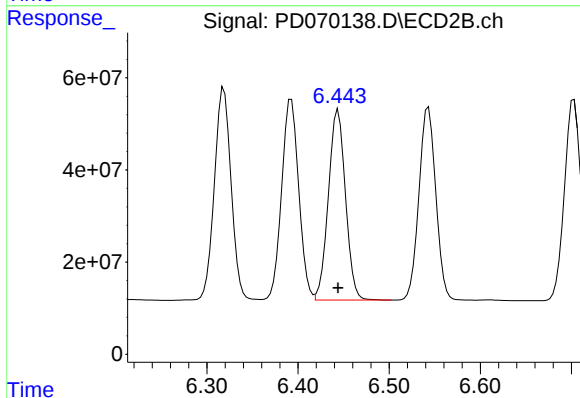
#9 Endosulfan I

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 65409362
Conc: 49.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

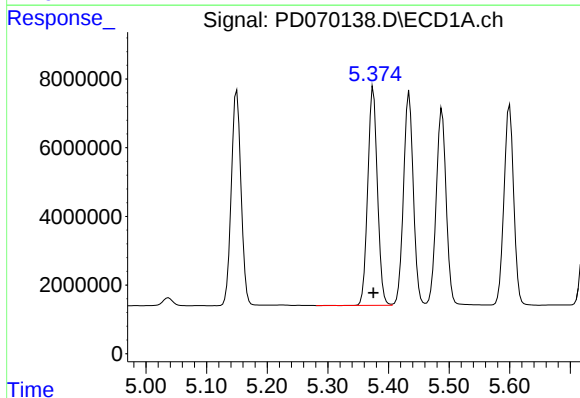
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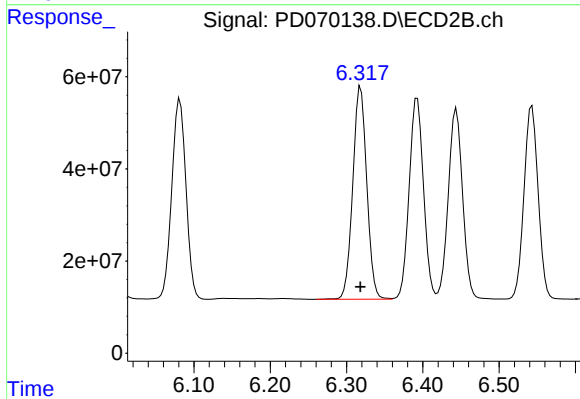
#9 Endosulfan I

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 538691551
Conc: 50.87 ng/ml



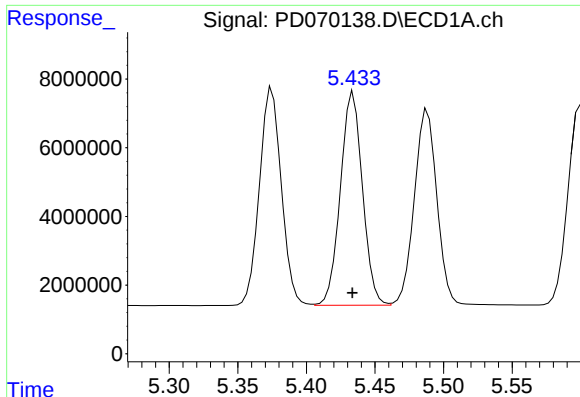
#10 gamma-Chlordane

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 70413007
Conc: 50.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 589182468
Conc: 51.26 ng/ml



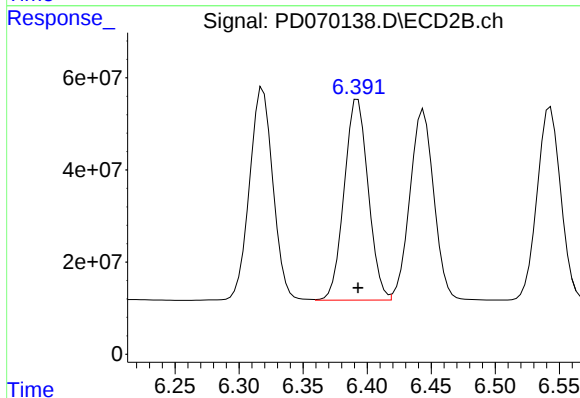
#11 alpha-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 69659381
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

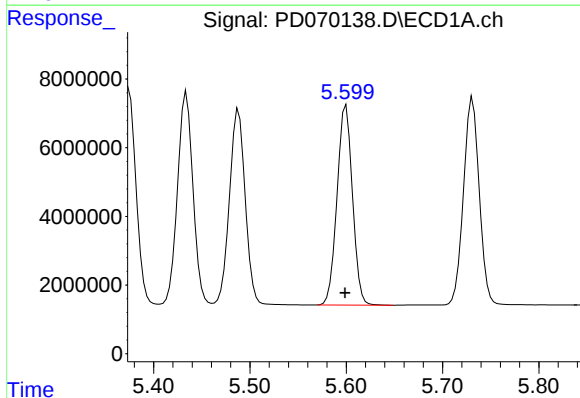
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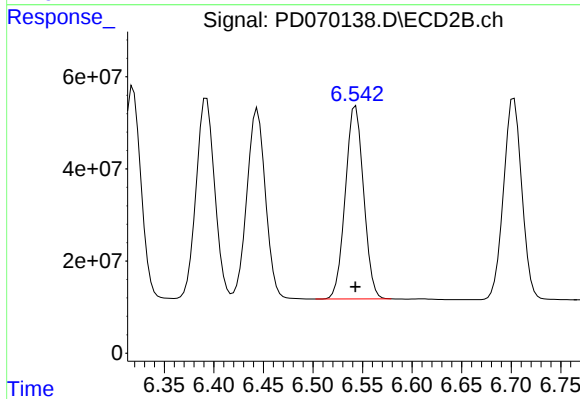
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 569967325
Conc: 50.42 ng/ml



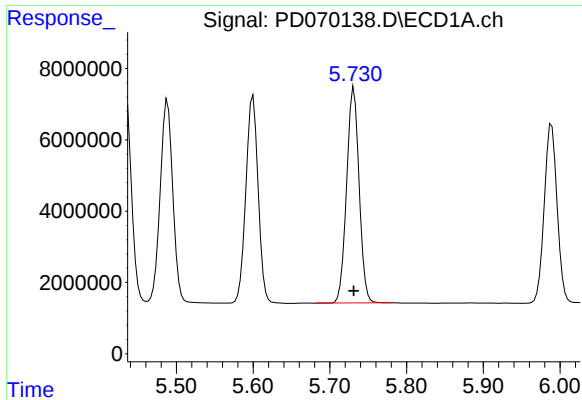
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.001 min
Response: 64765082
Conc: 51.79 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 537020828
Conc: 51.22 ng/ml



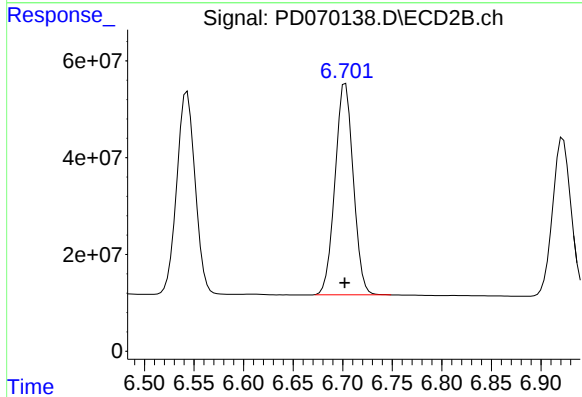
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 68767958
Conc: 51.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

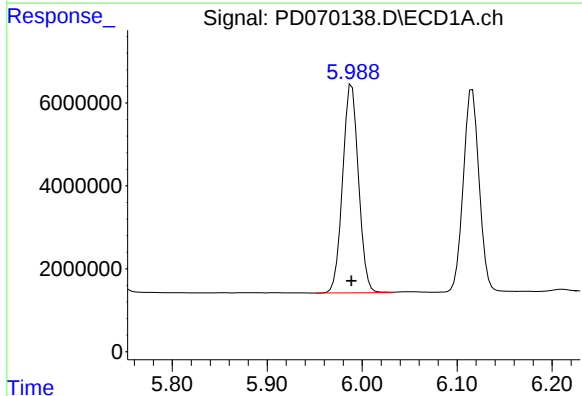
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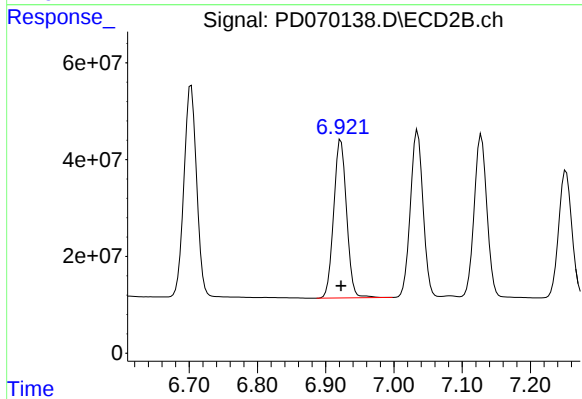
#13 Dieldrin

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 559595039
Conc: 51.19 ng/ml



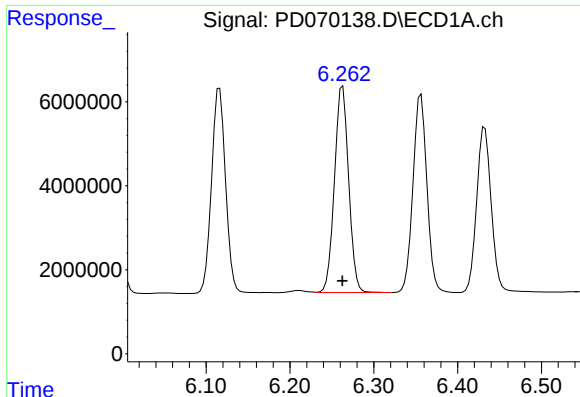
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 58499702
Conc: 48.58 ng/ml



#14 Endrin

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 428981263
Conc: 51.11 ng/ml



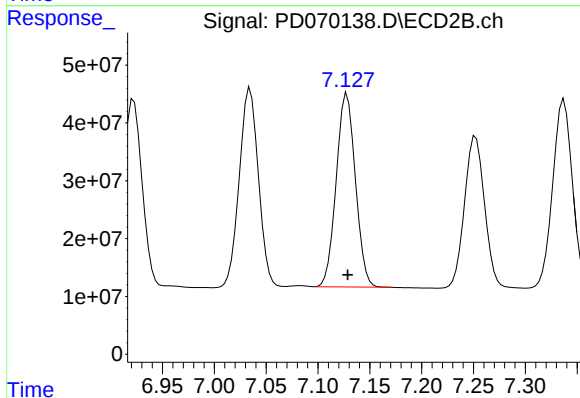
#15 Endosulfan II

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 57611157
Conc: 51.03 ng/ml

Instrument :
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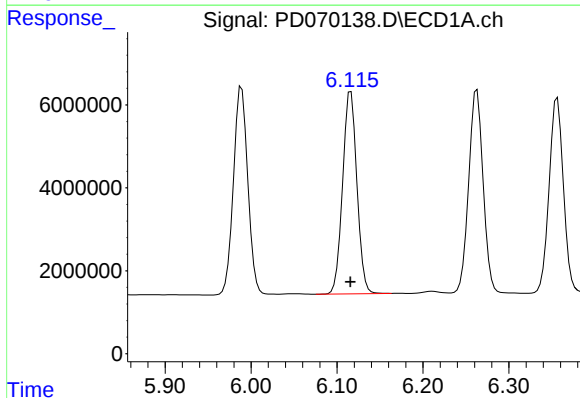
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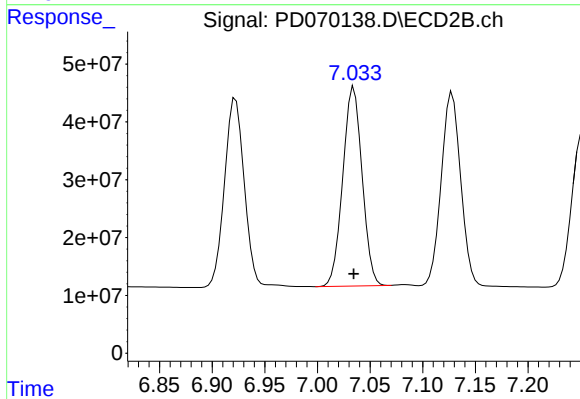
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 431095058
Conc: 50.99 ng/ml



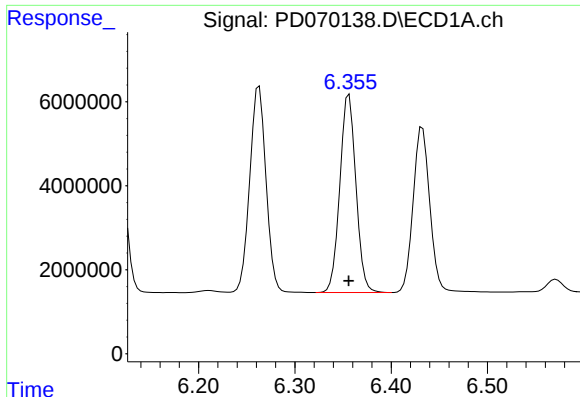
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 56497119
Conc: 52.02 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 442142170
Conc: 52.57 ng/ml



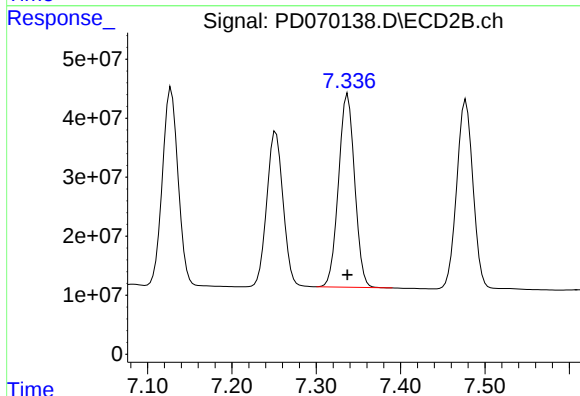
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 54575534
Conc: 51.44 ng/ml

Instrument :
ECD_D
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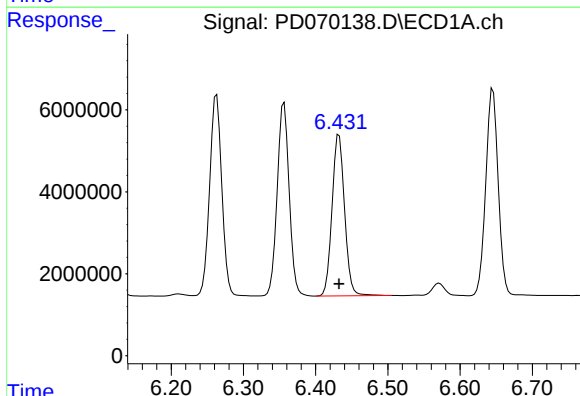
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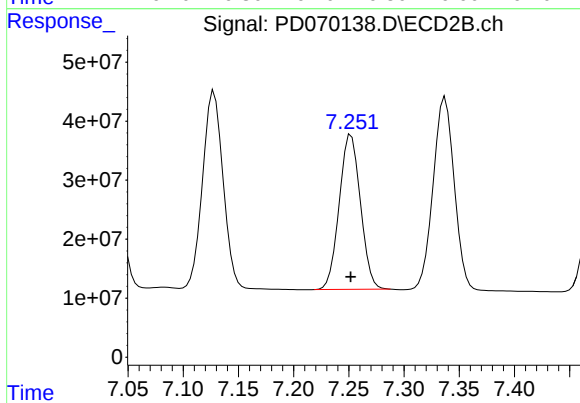
#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 426860631
Conc: 49.73 ng/ml



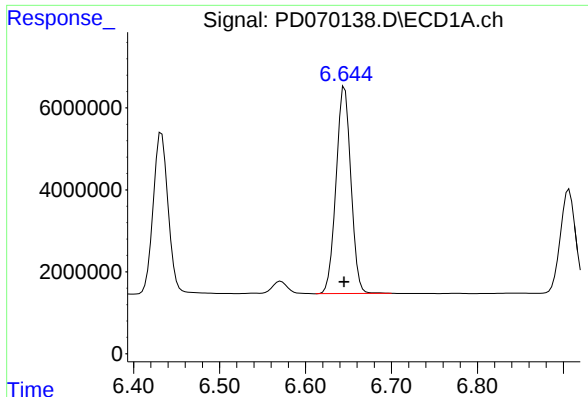
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 47537623
Conc: 51.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.251 min
Delta R.T.: -0.001 min
Response: 350542381
Conc: 51.08 ng/ml m



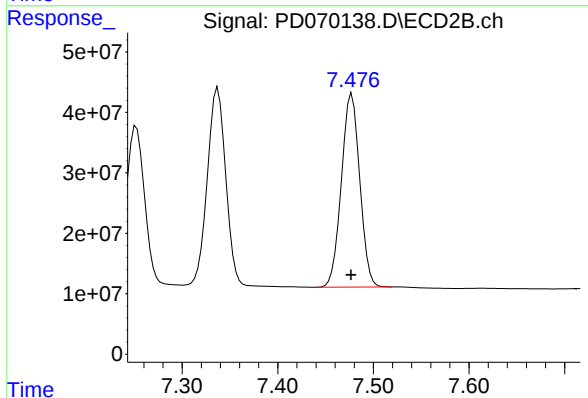
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 60443655
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

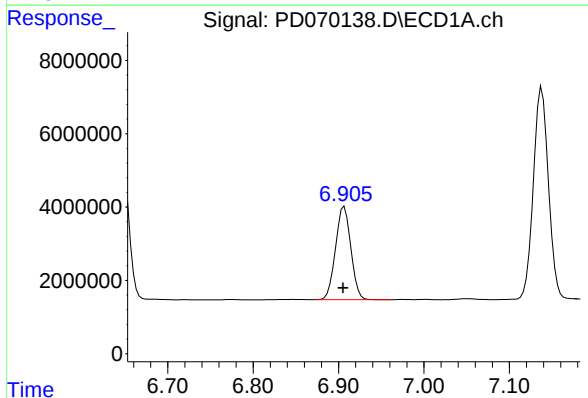
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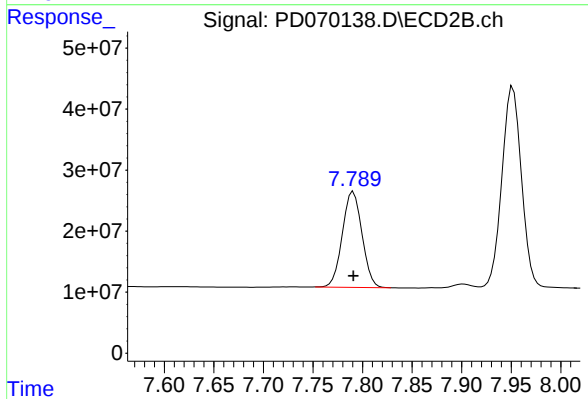
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 428344807
Conc: 51.43 ng/ml



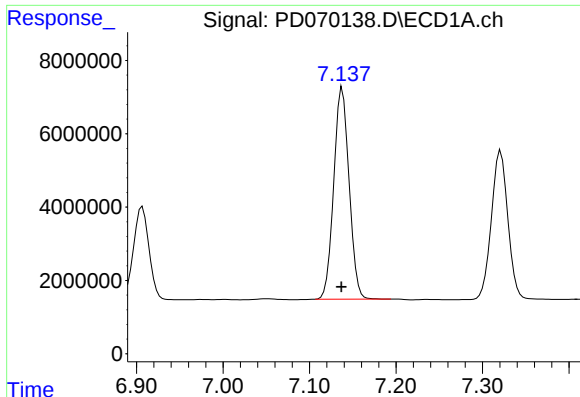
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: 0.001 min
Response: 31664028
Conc: 51.36 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 216384477
Conc: 51.32 ng/ml



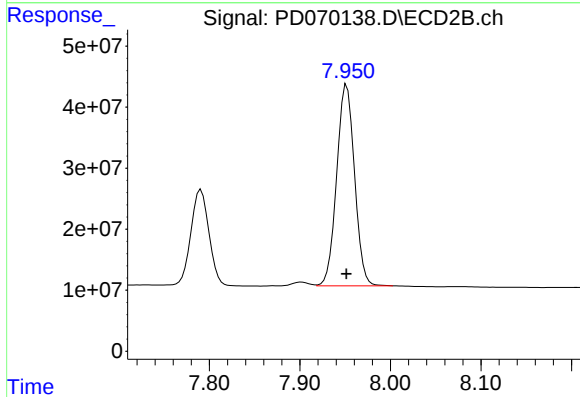
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 70896524
Conc: 52.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

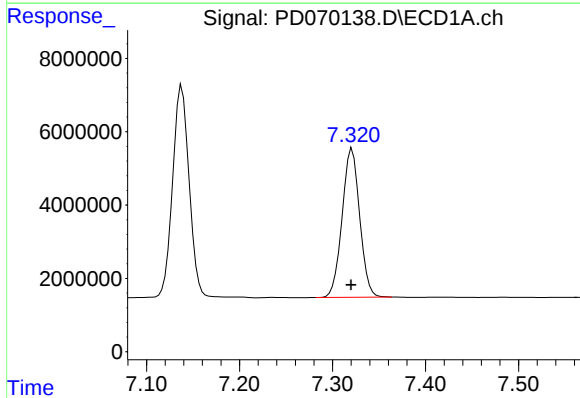
Manual Integrations
APPROVED

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



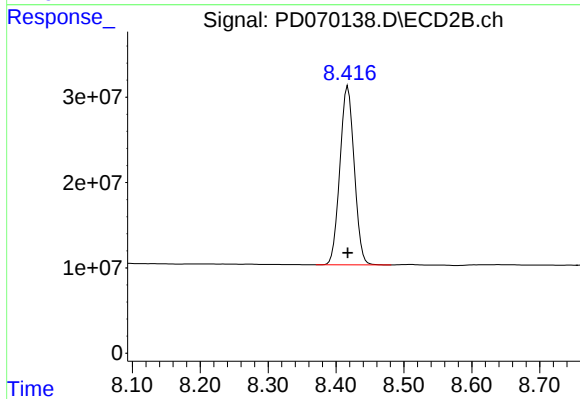
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 452498469
Conc: 52.15 ng/ml



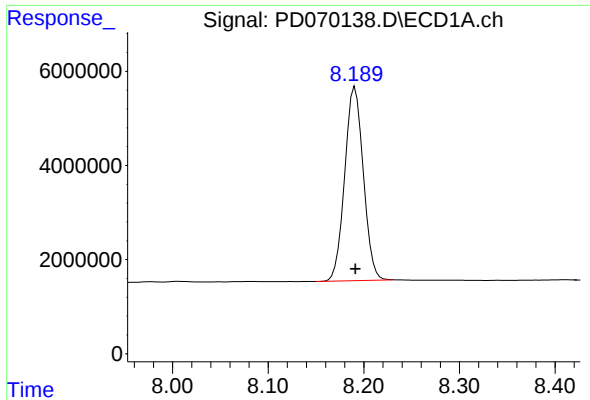
#22 Mirex

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 53206765
Conc: 50.95 ng/ml



#22 Mirex

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 307451897
Conc: 50.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 55846727
Conc: 50.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

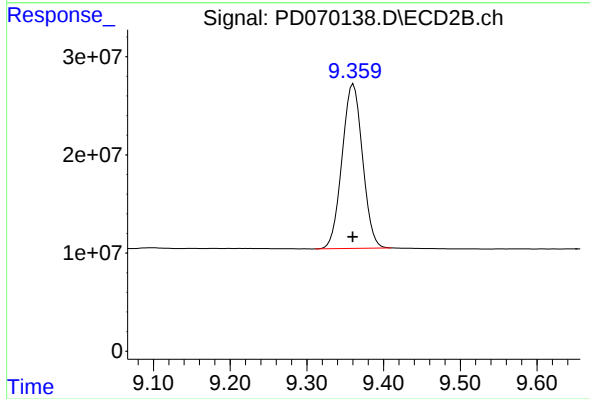
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.001 min
Response: 311589117
Conc: 50.66 ng/ml