

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052022\
 Data File : PD069713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 18:34
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:21:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Fri May 20 02:05:03 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...	3.444	4.171	5153026	52368769	5.142	5.478m
28) SA Decachlor...	8.199	9.371	6103909	33673298	5.659	5.619
Target Compounds						
2) A alpha-BHC	3.882	4.569	6909371	70265202	4.626	5.038
3) MA gamma-BHC...	4.165	4.860	7761893	68867787	5.020m	5.377
4) MA Heptachlor	4.463	5.386	6957182	68056573	4.967	5.474m
5) MB Aldrin	4.710	5.700	6452933	67394833	4.790	5.594
6) B beta-BHC	4.416	5.024	3735548	30434590	5.735	5.421
7) B delta-BHC	4.620	5.248	6501573	38449810	4.655	4.260m
8) B Heptachlo...	5.155	6.087	6426932	42323785	5.076	4.740m
9) A Endosulfan I	5.493	6.451	6021582	56042041	5.077	5.654
10) B gamma-Chl...	5.380	6.325	6521404	59915274	5.099	5.598
11) B alpha-Chl...	5.439	6.400	6467303	59412468	5.111	5.661
12) B 4,4'-DDE	5.605	6.550	5489662	54526708	4.743	5.493
13) MA Dieldrin	5.737	6.709	6042420	56363120	4.888	5.505
14) MA Endrin	5.995	6.929	5463176	43395468	4.917	5.339
15) B Endosulfa...	6.267	7.135	5582251	48383879	5.314m	5.882
16) A 4,4'-DDD	6.122	7.041	4844105	44993094	4.866	5.553
17) MA 4,4'-DDT	6.363	7.344	4107707	44184018	4.279	5.373 #
18) B Endrin al...	6.440	7.259	4766326	35220132	5.543	5.521
19) B Endosulfa...	6.651	7.484	5766686	44713550	5.243	5.597
20) A Methoxychlor	6.913	7.798	2830087	22977465	4.910	5.572
21) B Endrin ke...	7.145	7.959	6424301	46885354	5.128	5.612
22) Mirex	7.328	8.426	5765392	33471305	5.760	5.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052022\
 Data File : PD069713.D
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 Acq On : 19 May 2022 18:34
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

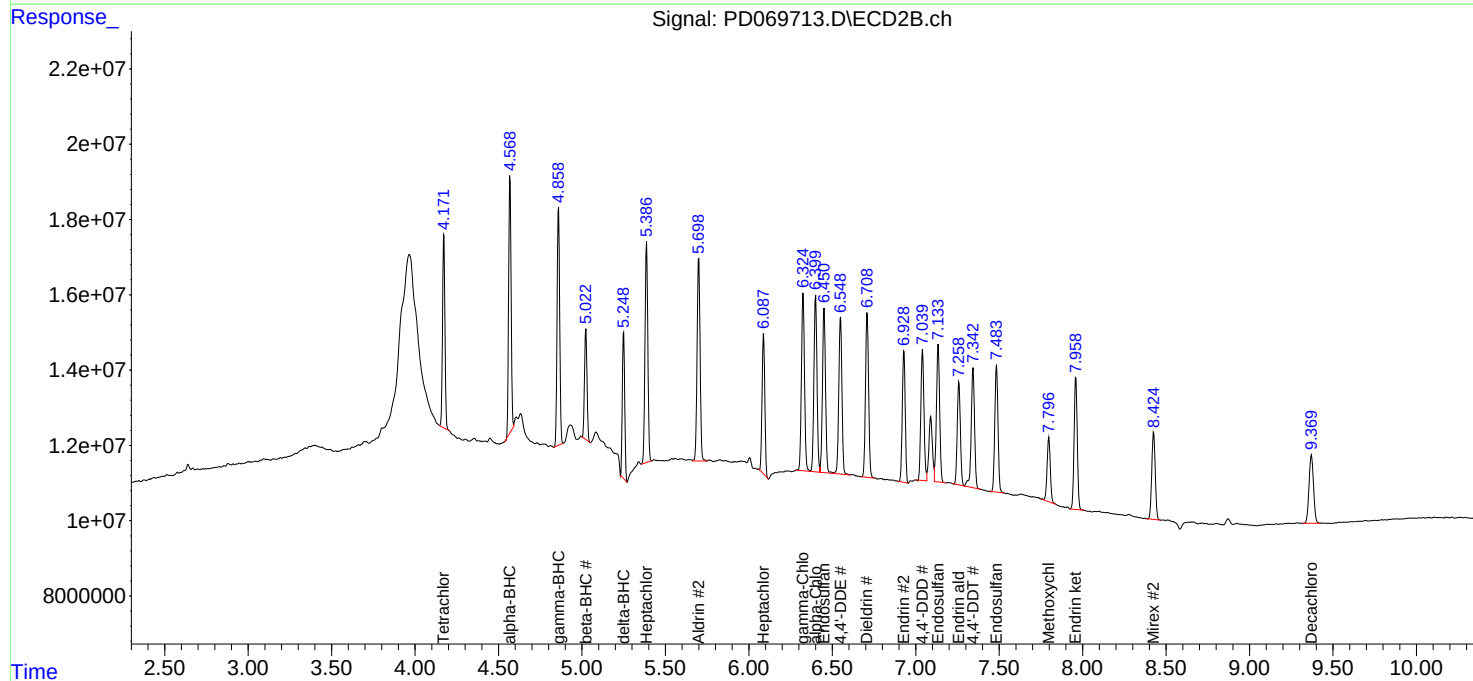
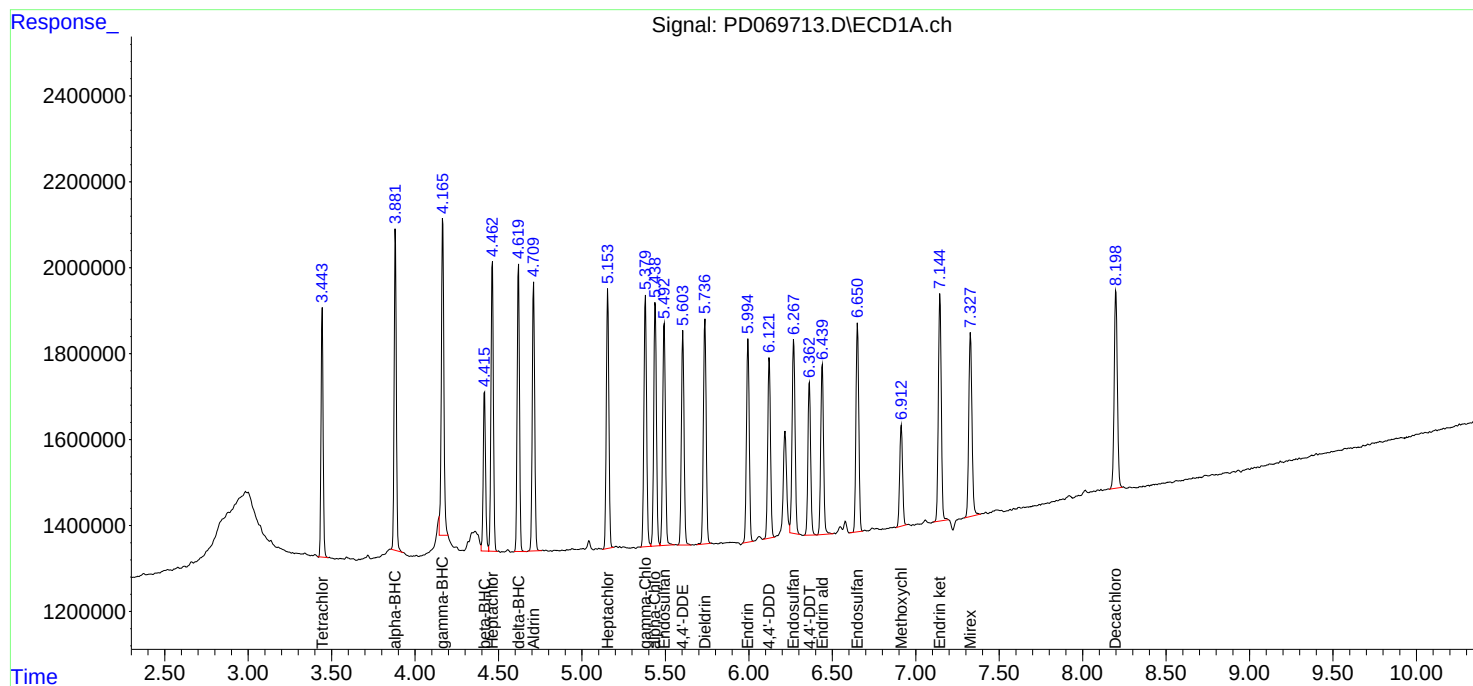
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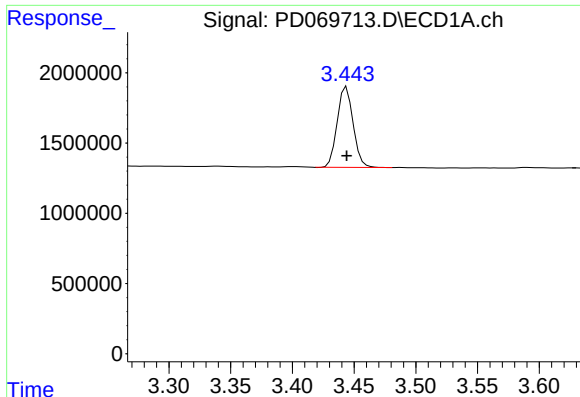
Reviewed By :Abdul Mirza 05/24/2022

Supervised By :Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:21:00 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





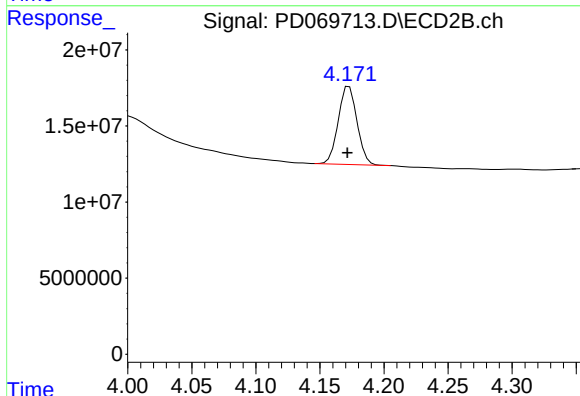
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 5153026
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

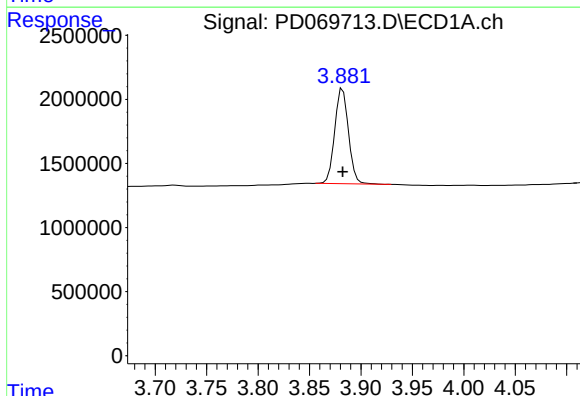
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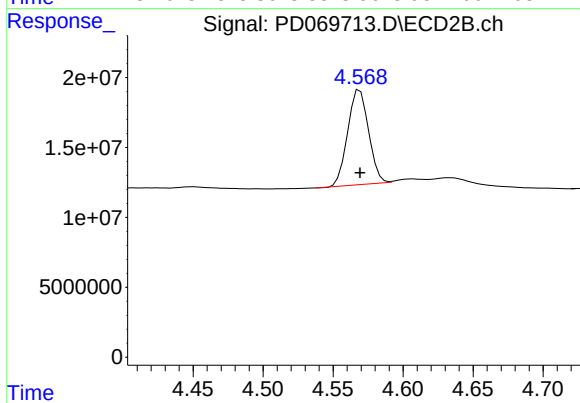
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 52368769
Conc: 5.48 ng/ml m



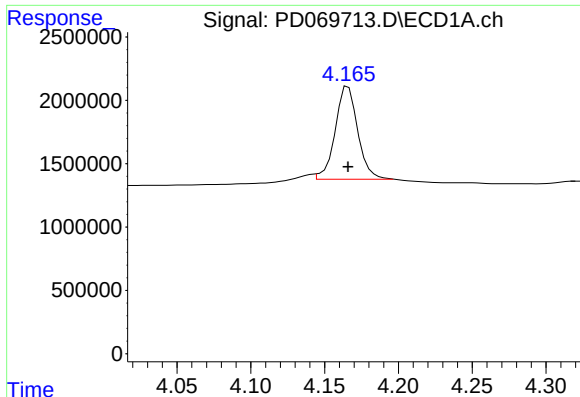
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 6909371
Conc: 4.63 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 70265202
Conc: 5.04 ng/ml



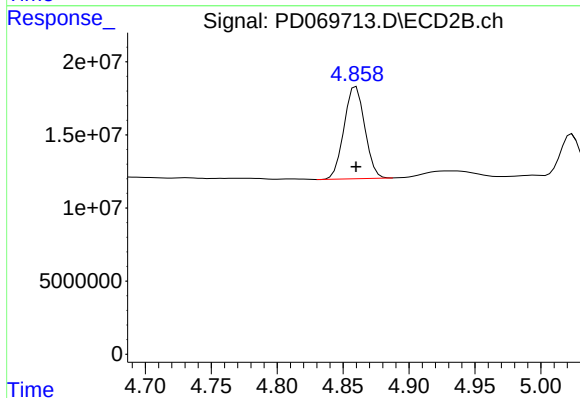
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.001 min
Response: 7761893
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

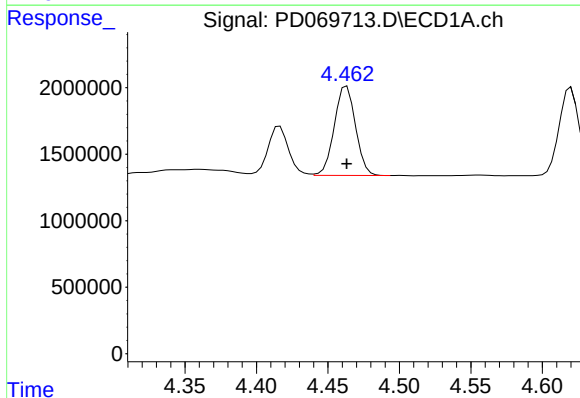
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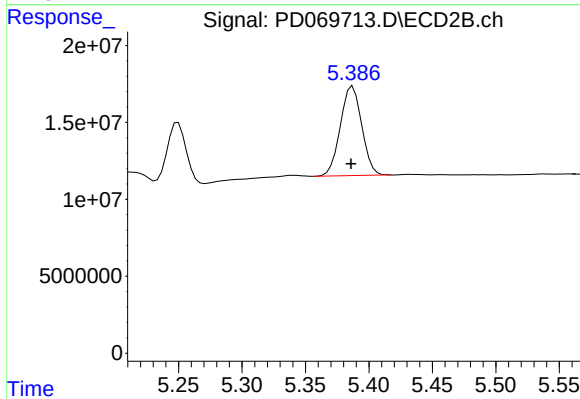
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 68867787
Conc: 5.38 ng/ml



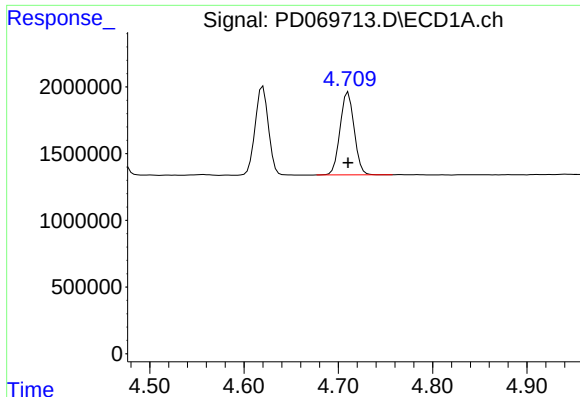
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 6957182
Conc: 4.97 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 68056573
Conc: 5.47 ng/ml m



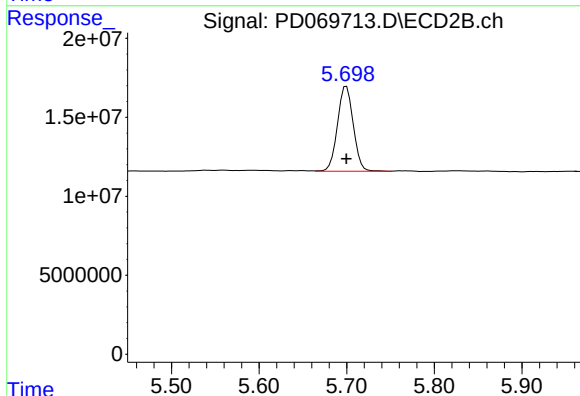
#5 Aldrin

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 6452933
Conc: 4.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

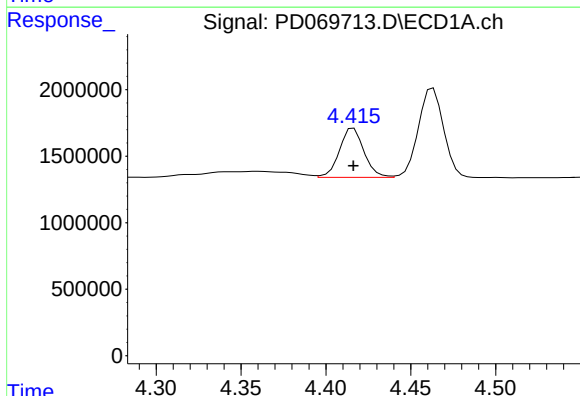
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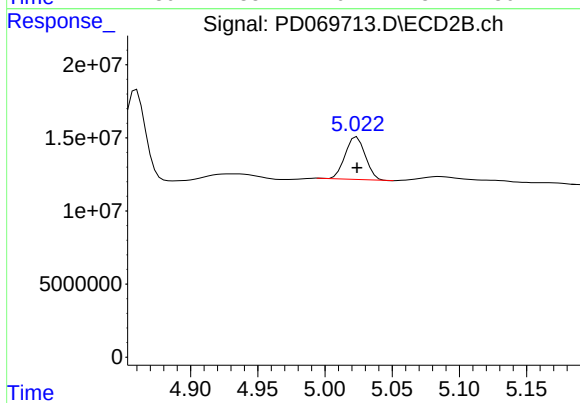
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 67394833
Conc: 5.59 ng/ml



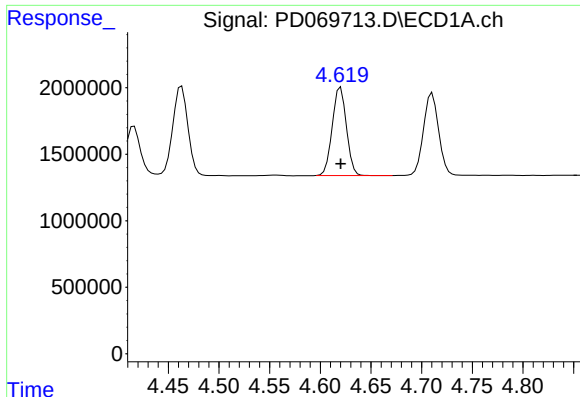
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 3735548
Conc: 5.74 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 30434590
Conc: 5.42 ng/ml



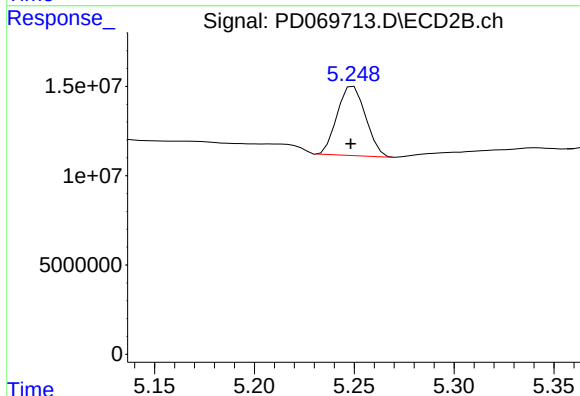
#7 delta-BHC

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 6501573
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

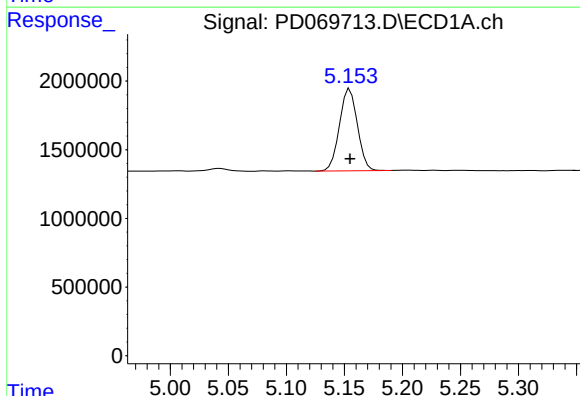
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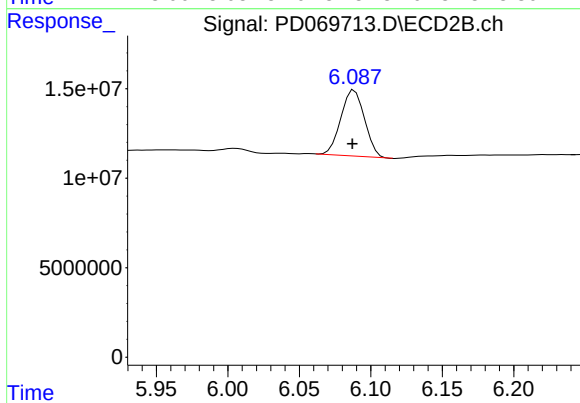
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 38449810
Conc: 4.26 ng/ml m



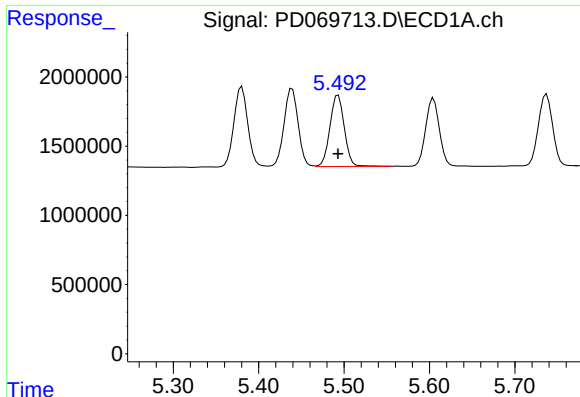
#8 Heptachlor epoxide

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 6426932
Conc: 5.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 42323785
Conc: 4.74 ng/ml m



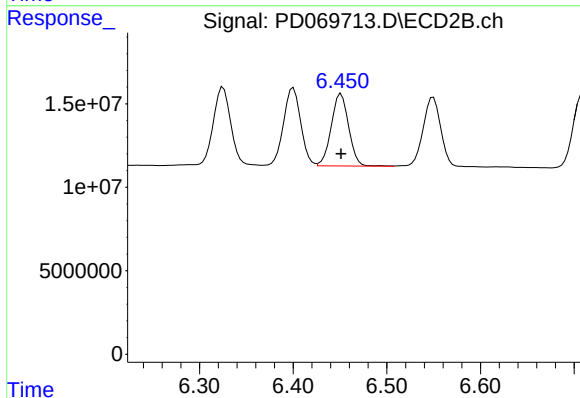
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 6021582
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

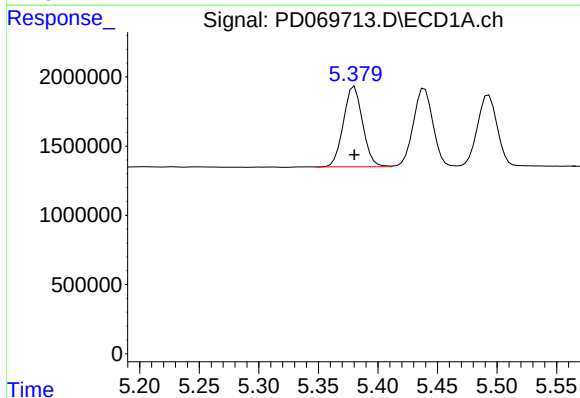
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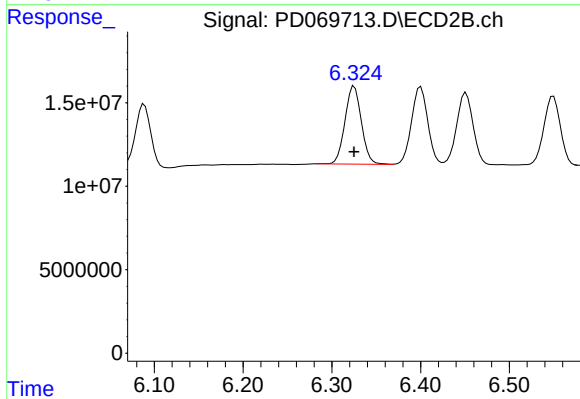
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 56042041
Conc: 5.65 ng/ml



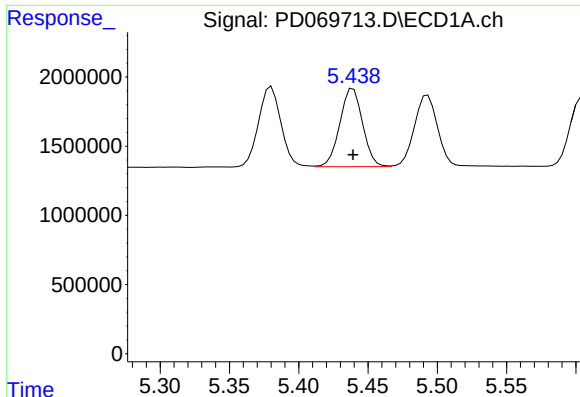
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 6521404
Conc: 5.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 59915274
Conc: 5.60 ng/ml



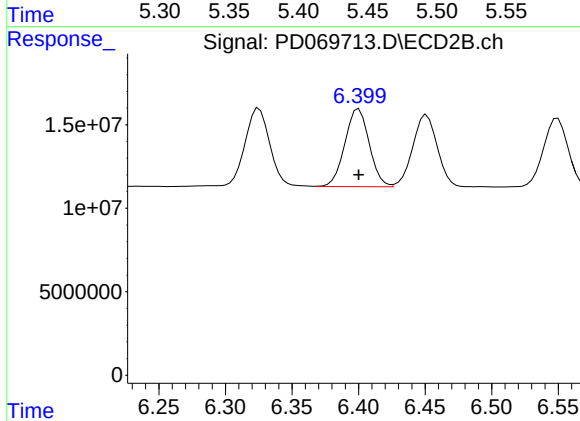
#11 alpha-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 6467303
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

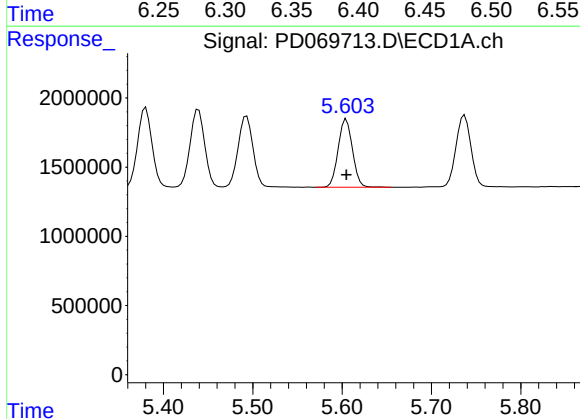
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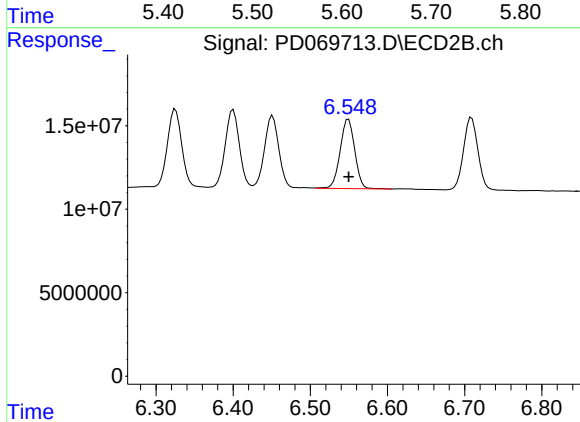
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 59412468
Conc: 5.66 ng/ml



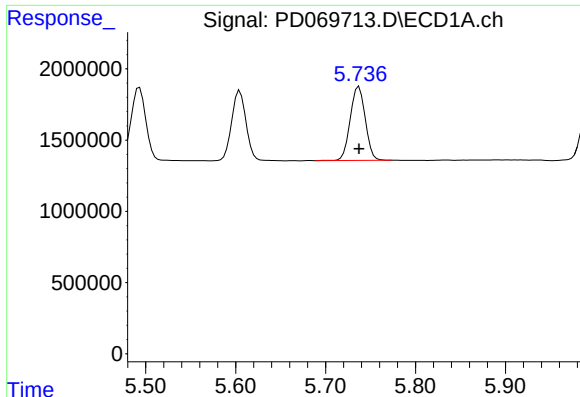
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 5489662
Conc: 4.74 ng/ml



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 54526708
Conc: 5.49 ng/ml



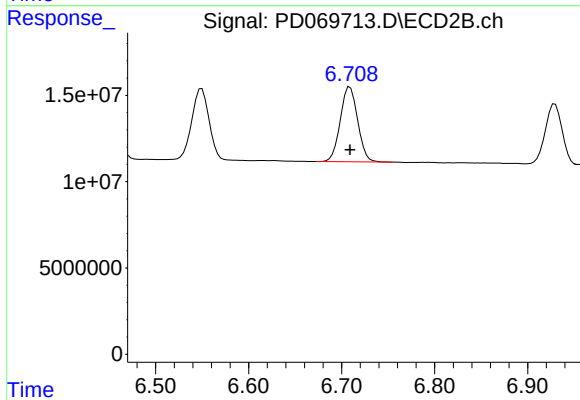
#13 Dieldrin

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 6042420
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

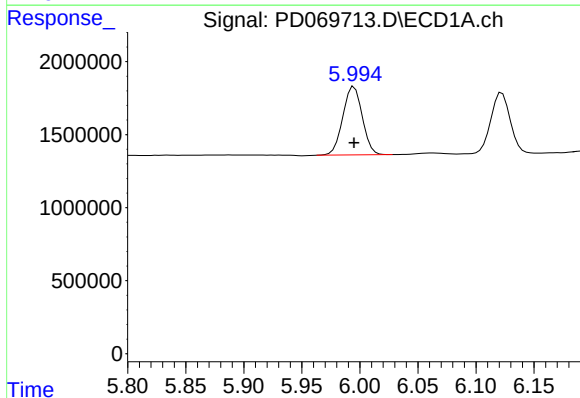
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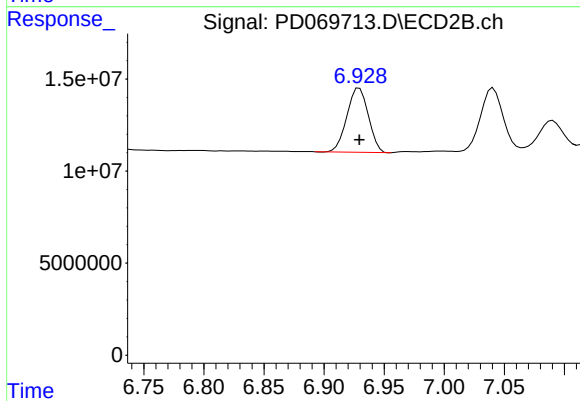
#13 Dieldrin

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 56363120
Conc: 5.51 ng/ml



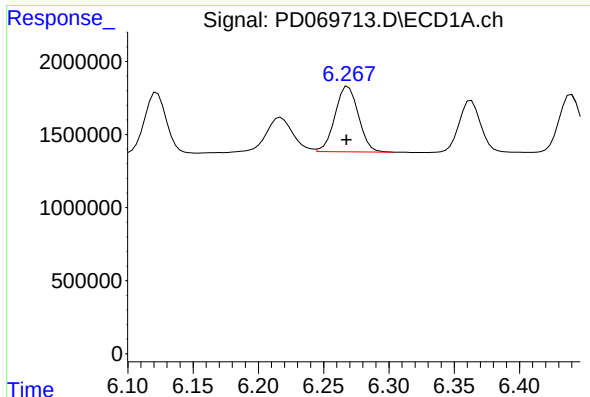
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 5463176
Conc: 4.92 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 43395468
Conc: 5.34 ng/ml



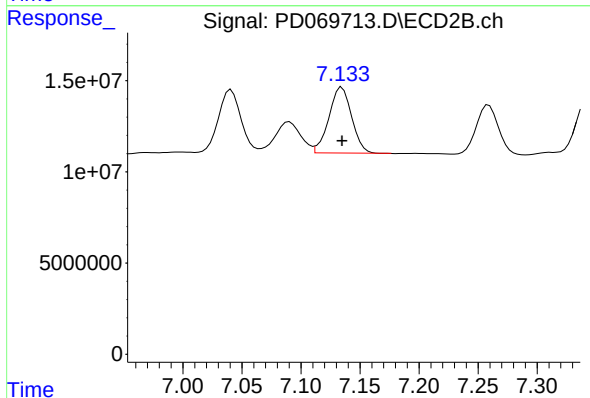
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 5582251
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

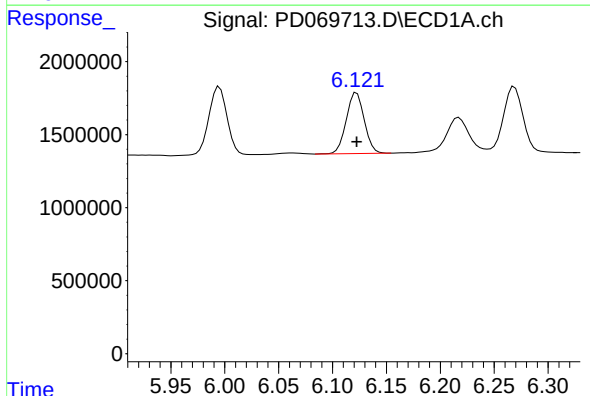
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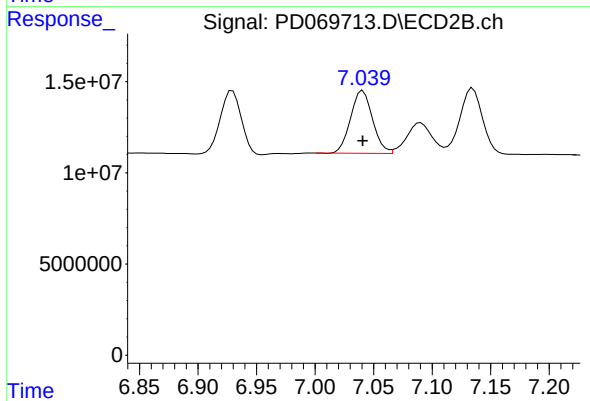
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 48383879
Conc: 5.88 ng/ml



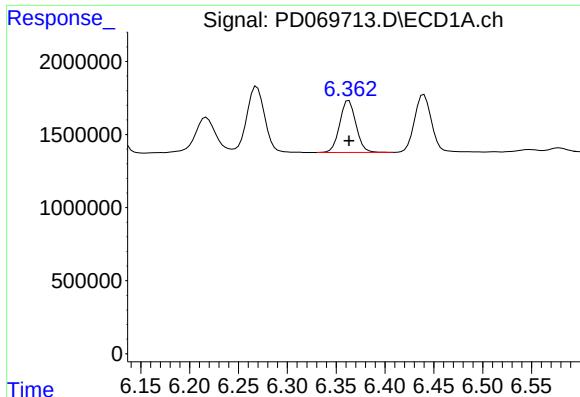
#16 4,4'-DDD

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 4844105
Conc: 4.87 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 44993094
Conc: 5.55 ng/ml



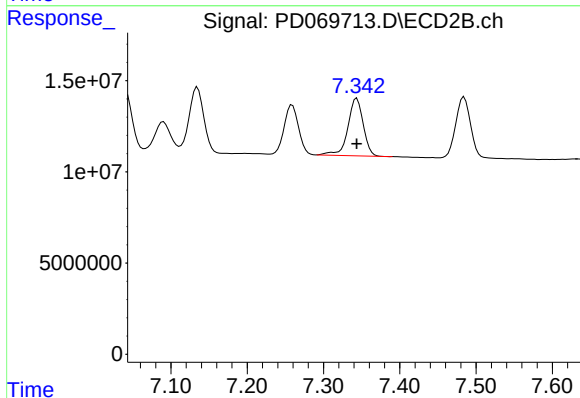
#17 4,4'-DDT

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 4107707
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

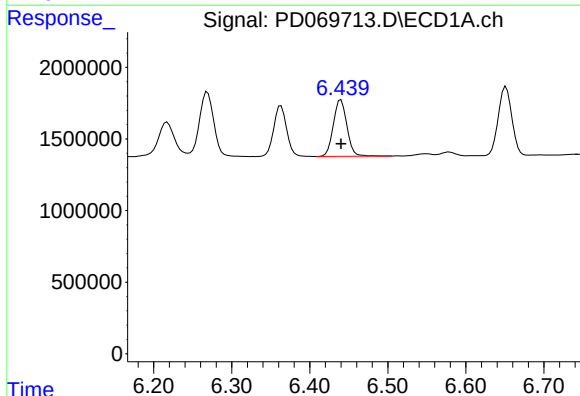
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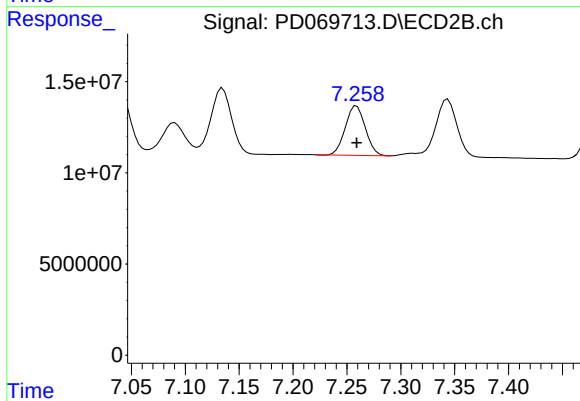
#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 44184018
Conc: 5.37 ng/ml



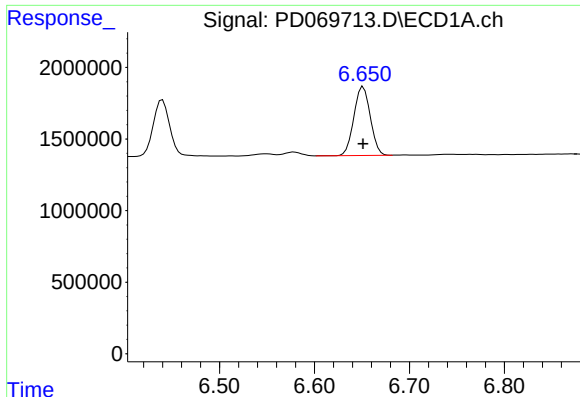
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 4766326
Conc: 5.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 35220132
Conc: 5.52 ng/ml



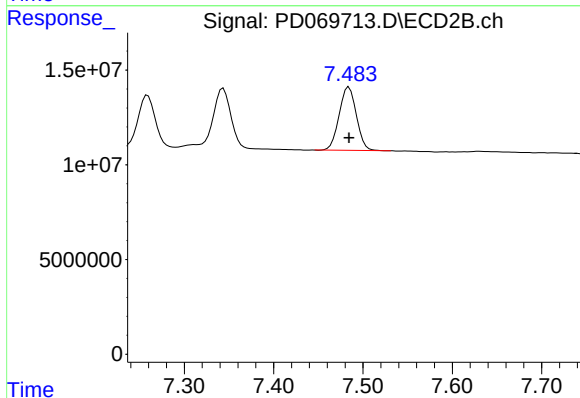
#19 Endosulfan Sulfate

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 5766686
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

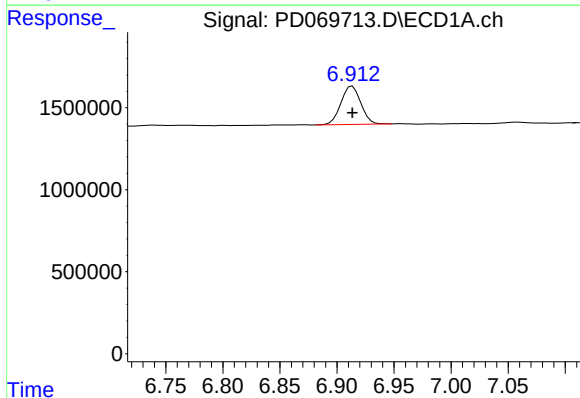
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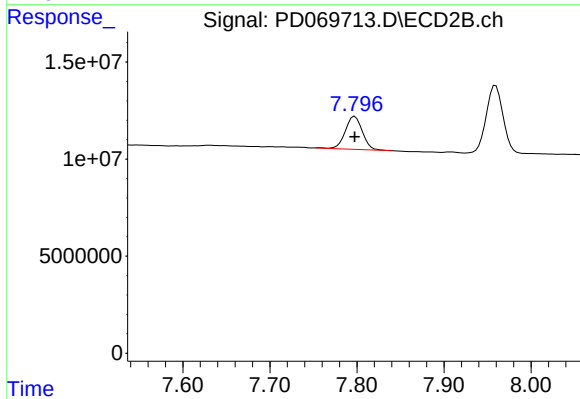
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 44713550
Conc: 5.60 ng/ml



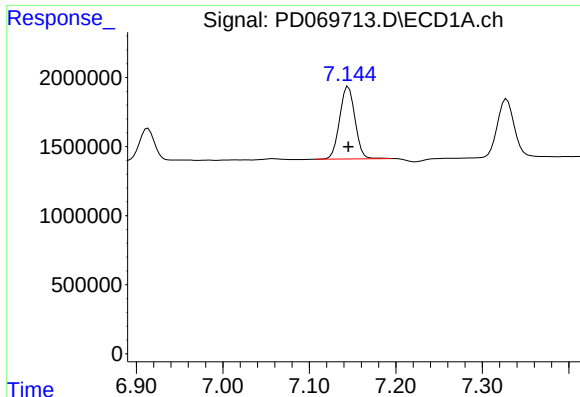
#20 Methoxychlor

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 2830087
Conc: 4.91 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 22977465
Conc: 5.57 ng/ml



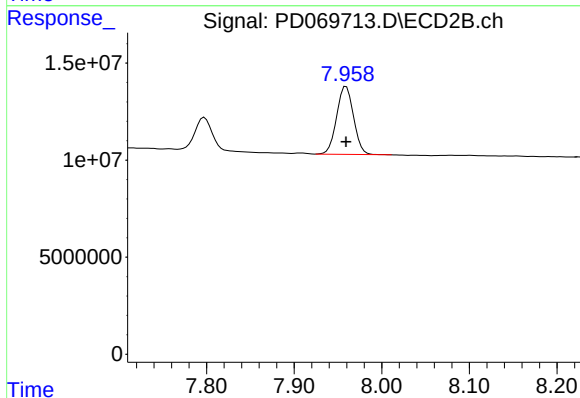
#21 Endrin ketone

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 6424301
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

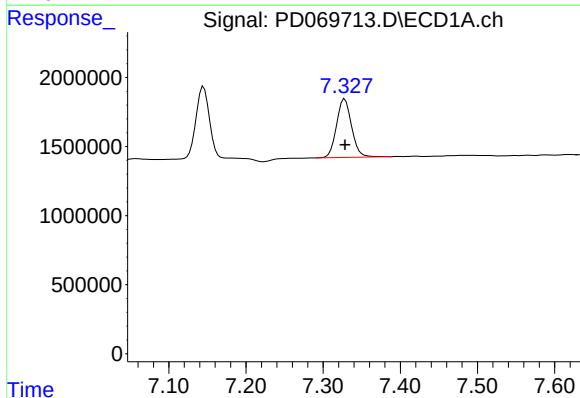
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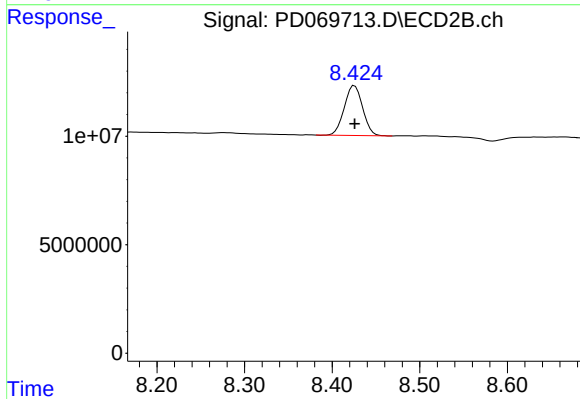
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 46885354
Conc: 5.61 ng/ml



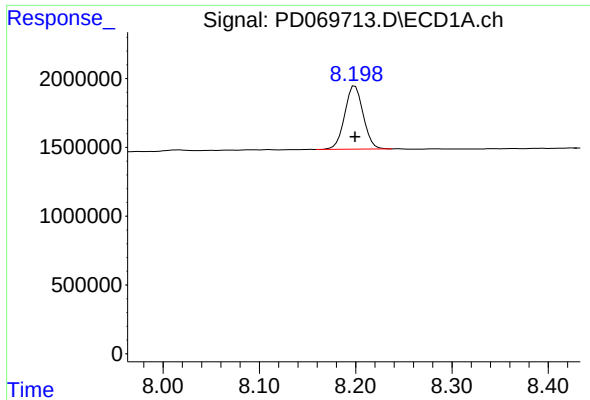
#22 Mirex

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 5765392
Conc: 5.76 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 33471305
Conc: 5.70 ng/ml



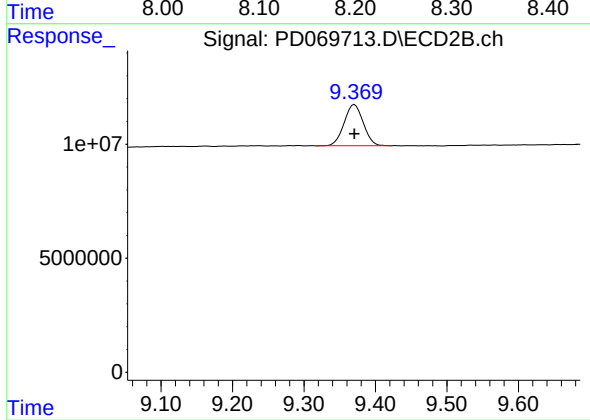
#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 6103909
Conc: 5.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/24/2022
Supervised By :Ankita Jodhani 05/24/2022



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 33673298
Conc: 5.62 ng/ml