

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
 Data File : PD071071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 21:24
 Operator : AR\AJ
 Sample : N3776-01MSD 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11966MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:50:49 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 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...	3.474	4.125	6573684	65635198	2.268	2.270
28) SA Decachlor...	8.239	9.312	9760606	17652549	3.195m	1.548m#
Target Compounds						
2) A alpha-BHC	3.914	4.531	21055198	244.3E6	4.799m	6.446 #
3) MA gamma-BHC...	4.200	4.824	28872249	214.3E6	6.649m	7.176
4) MA Heptachlor	4.498	5.339	19558181	124.3E6	4.697m	5.629m
5) MB Aldrin	4.748	5.652	20549701	104.1E6	4.917	5.621m
6) B beta-BHC	4.450	5.006	9444917	75433481	5.651	5.624m
7) B delta-BHC	4.654	5.224	20108075	140.9E6	5.080	5.960
8) B Heptachlo...	5.193	6.047	17329867	83994251	4.626	5.555m
9) A Endosulfan I	5.535	6.411	10592148	89043038	3.034	6.134m#
10) B gamma-Chl...	5.420	6.286	19583617	52126189	5.036	3.305m#
11) B alpha-Chl...	5.479	6.356	20225980	91555726	5.290	5.950m
12) B 4,4'-DDE	5.643	6.512	15145073	84504396	4.301m	5.630m#
13) MA Dieldrin	5.778	6.673	36538535	67646882	9.727	4.427m#
14) MA Endrin	6.035	6.897	19685524	70163030	6.304	6.765
15) B Endosulfa...	6.309	7.111	19084242	82029602	6.344	6.553
16) A 4,4'-DDD	6.162	7.012	12871099	93406246	4.385	7.510m#
17) MA 4,4'-DDT	6.403	7.313	13514283	79565459	4.415	5.941m#
18) B Endrin al...	6.479	7.235	12673094	55487965	5.284	5.502m
19) B Endosulfa...	6.691	7.461	13075234	62337556	4.389m	5.159
20) A Methoxychlor	6.954	7.773	5698842	40149426	3.447	5.843 #
21) B Endrin ke...	7.185	7.942	14815820	82133167	4.277	5.935m#
22) Mirex	7.370	8.397	11001700	49149355	3.968m	5.348m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
Data File : PD071071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 21:24
Operator : AR\AJ
Sample : N3776-01MSD 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

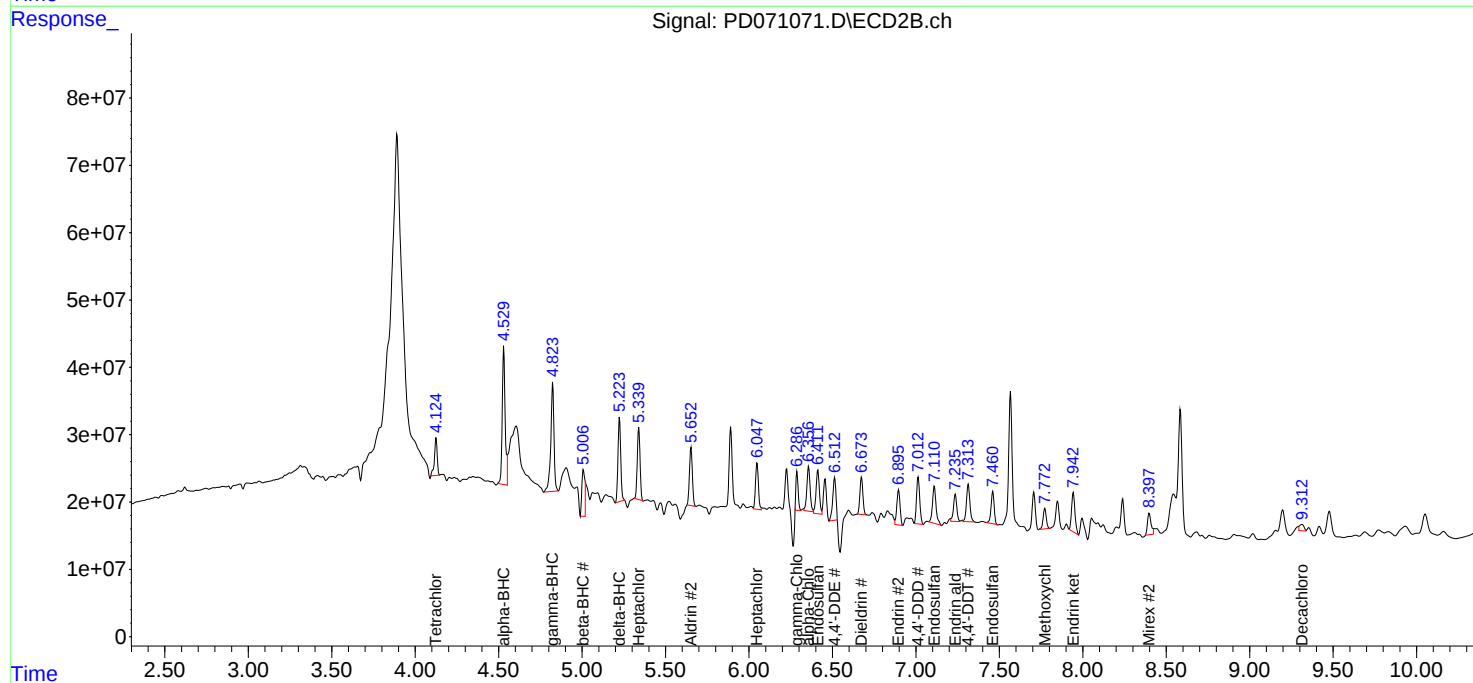
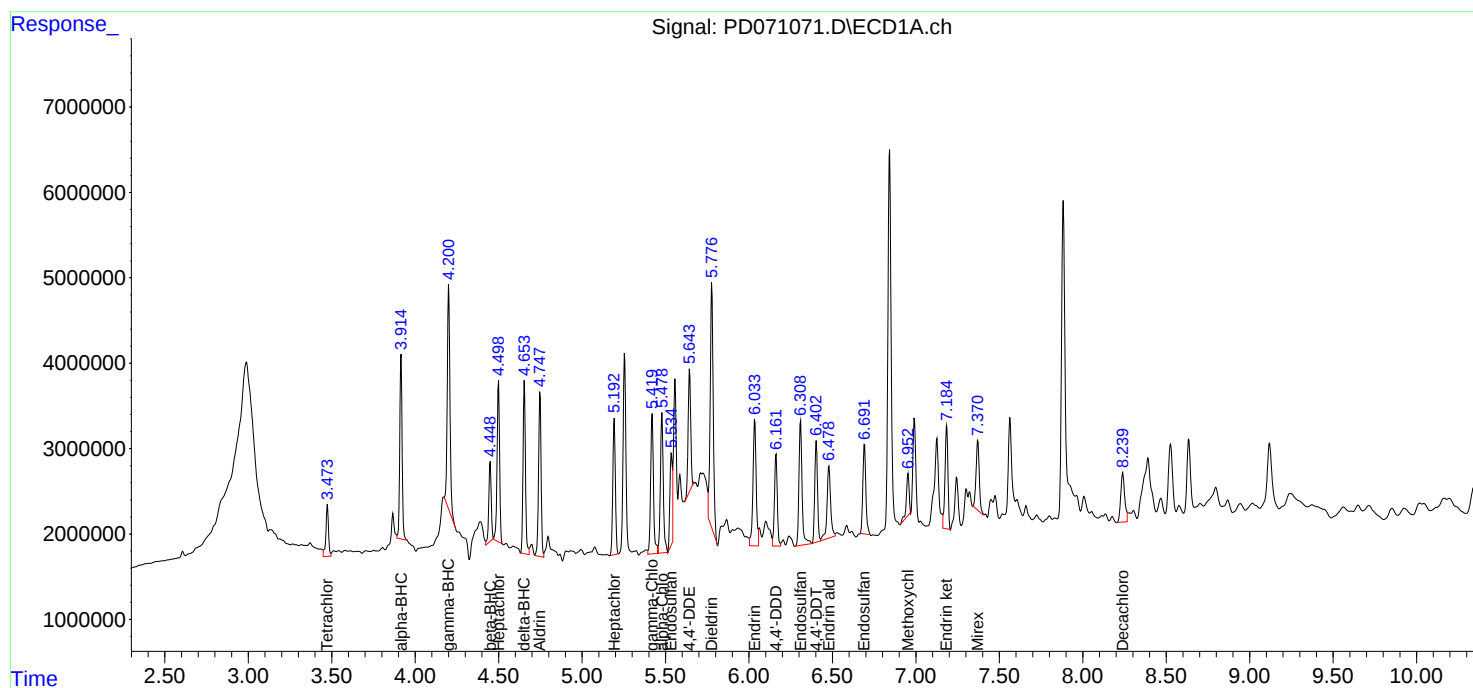
Instrument :
ECD_D
ClientSampleId :
72-11966MSD

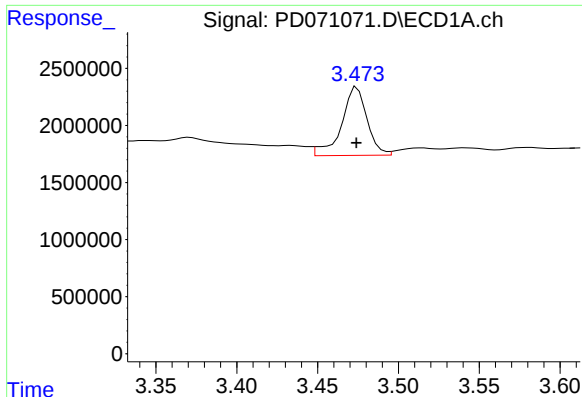
Manual Integrations
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Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 23:50:49 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





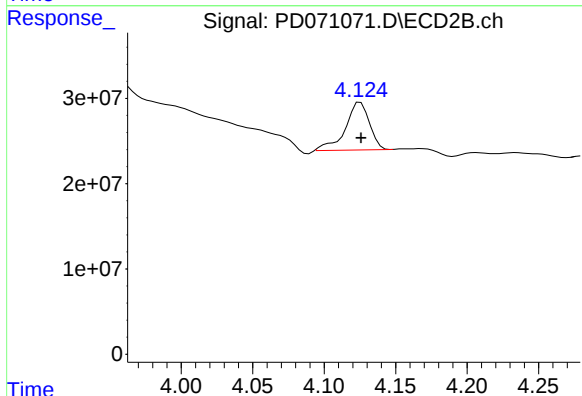
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 6573684
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

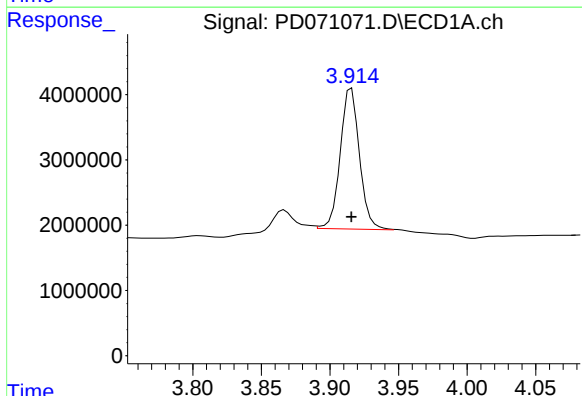
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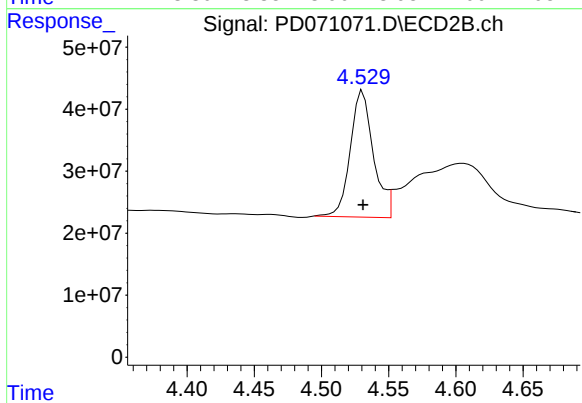
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 65635198
Conc: 2.27 ng/ml



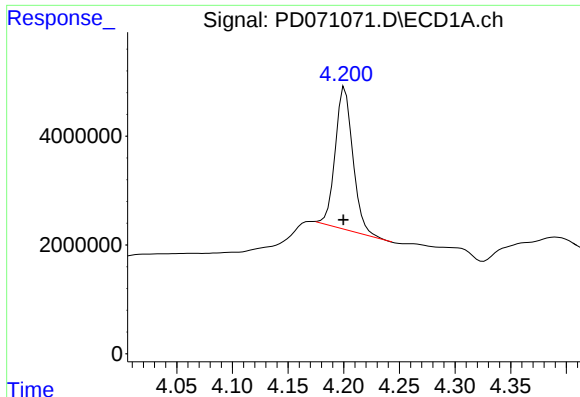
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 21055198
Conc: 4.80 ng/ml m



#2 alpha-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 244325374
Conc: 6.45 ng/ml



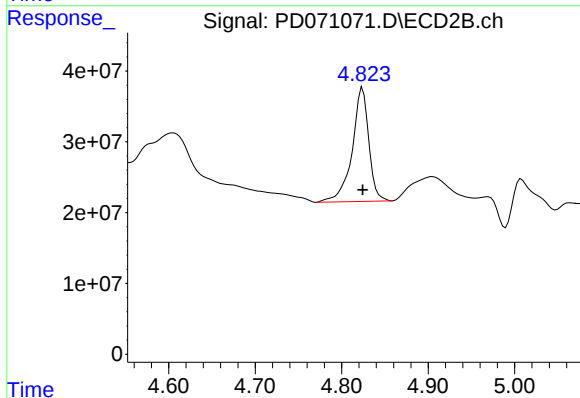
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 28872249
Conc: 6.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

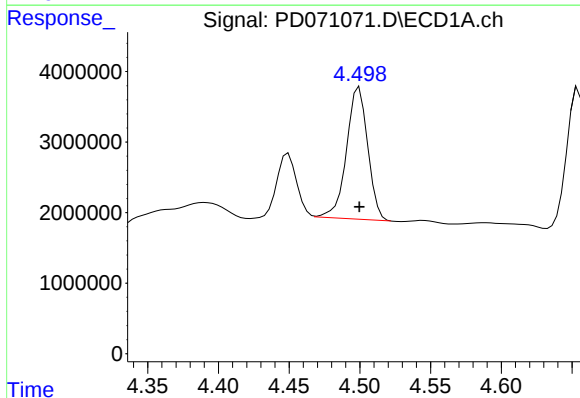
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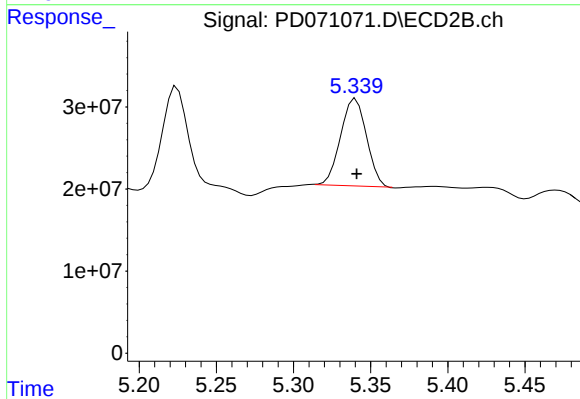
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 214339078
Conc: 7.18 ng/ml



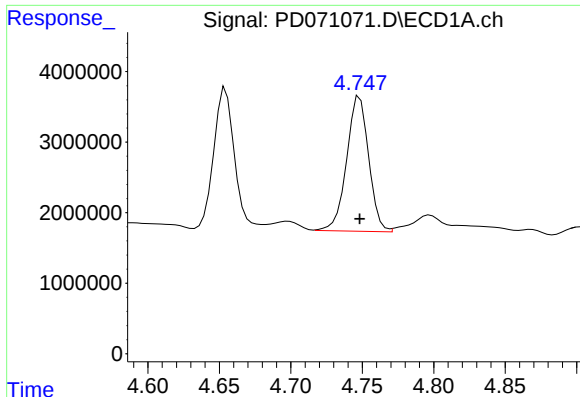
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 19558181
Conc: 4.70 ng/ml m



#4 Heptachlor

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 124344995
Conc: 5.63 ng/ml m



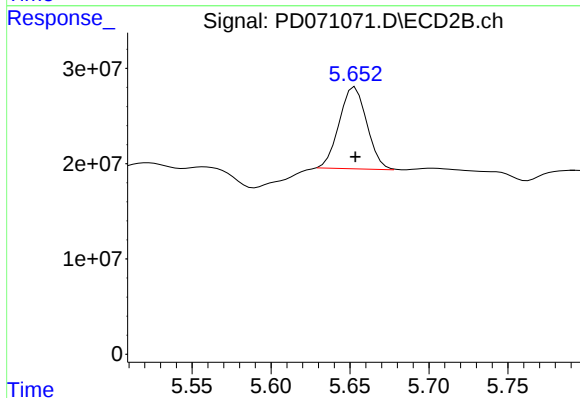
#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 20549701
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

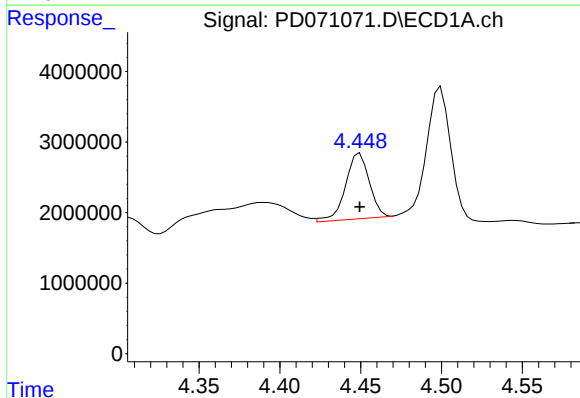
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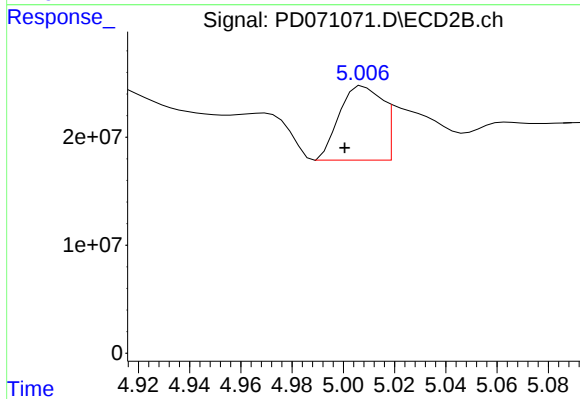
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 104056520
Conc: 5.62 ng/ml m



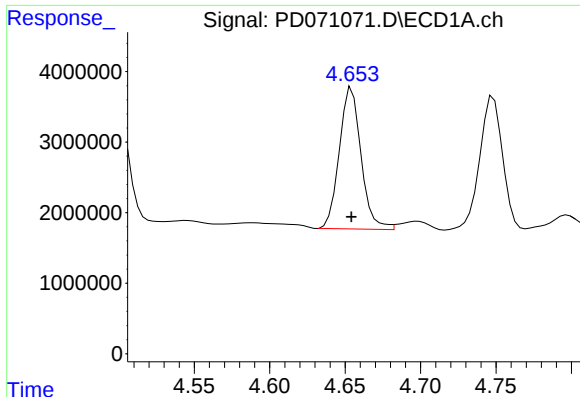
#6 beta-BHC

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 9444917
Conc: 5.65 ng/ml



#6 beta-BHC

R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 75433481
Conc: 5.62 ng/ml m



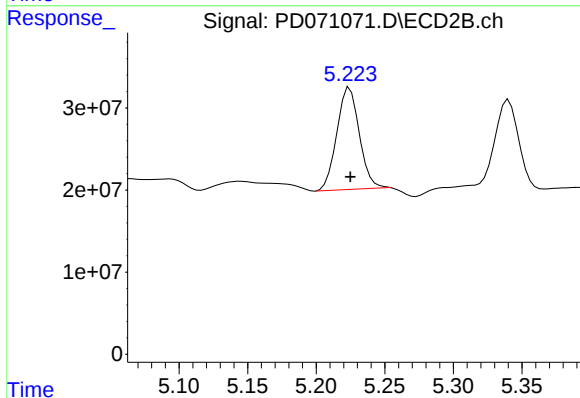
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 20108075
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

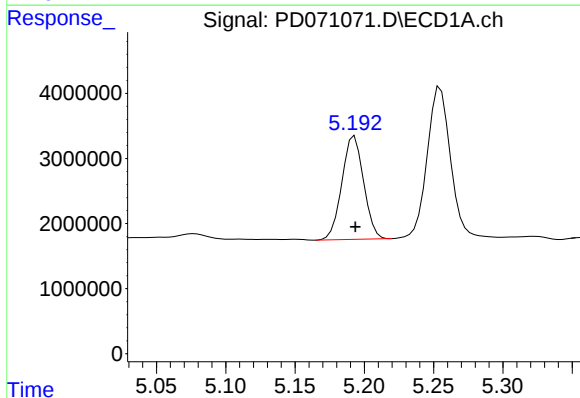
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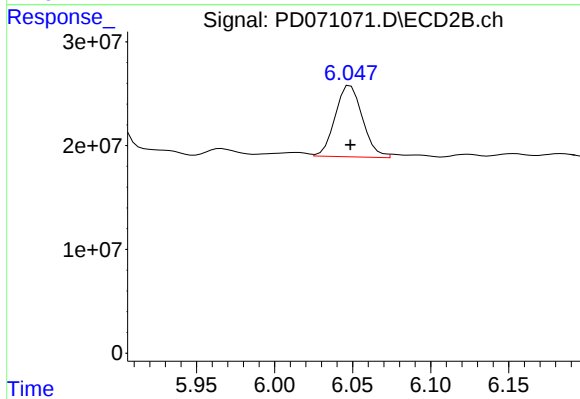
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 140907338
Conc: 5.96 ng/ml



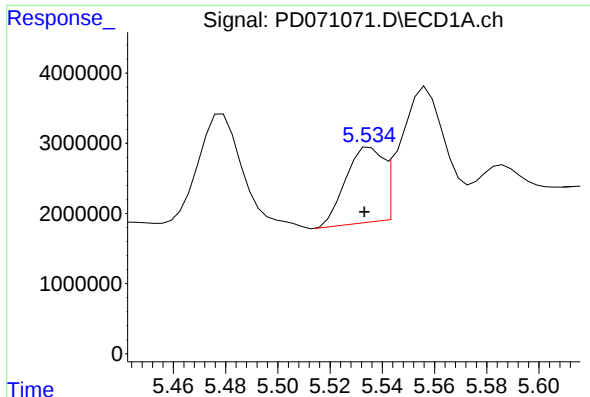
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 17329867
Conc: 4.63 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 83994251
Conc: 5.56 ng/ml m



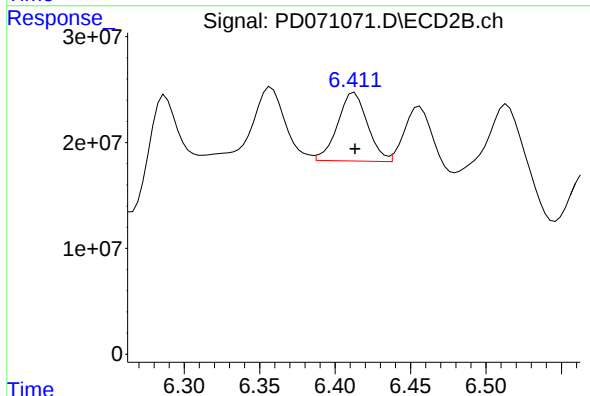
#9 Endosulfan I

R.T.: 5.535 min
Delta R.T.: 0.002 min
Response: 10592148
Conc: 3.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

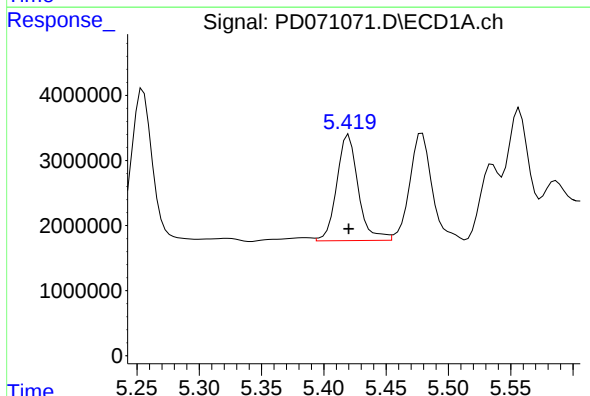
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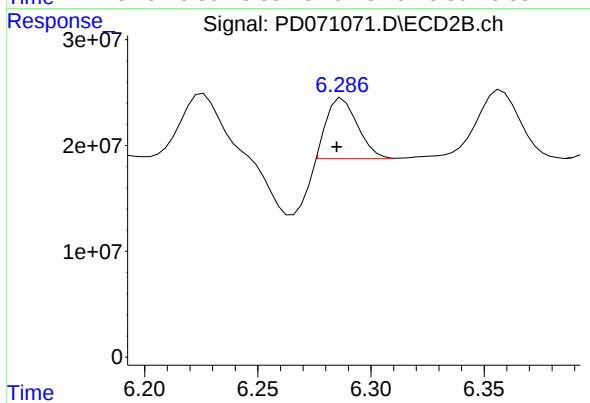
#9 Endosulfan I

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 89043038
Conc: 6.13 ng/ml m



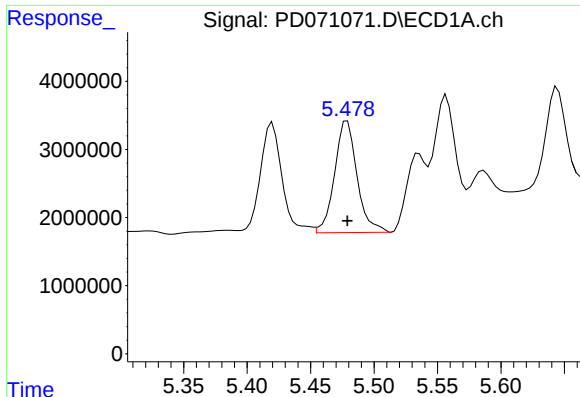
#10 gamma-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 19583617
Conc: 5.04 ng/ml



#10 gamma-Chlordane

R.T.: 6.286 min
Delta R.T.: 0.001 min
Response: 52126189
Conc: 3.31 ng/ml m



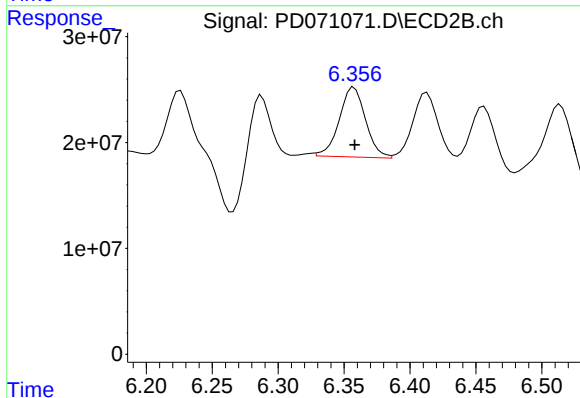
#11 alpha-Chlordane

R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 20225980
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

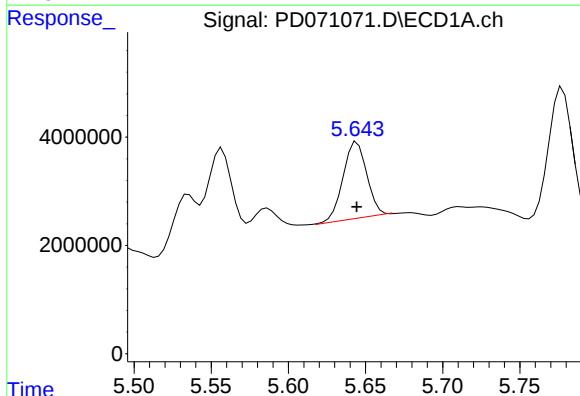
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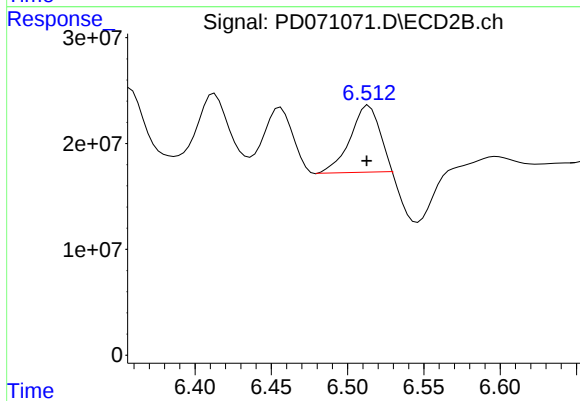
#11 alpha-Chlordane

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 91555726
Conc: 5.95 ng/ml m



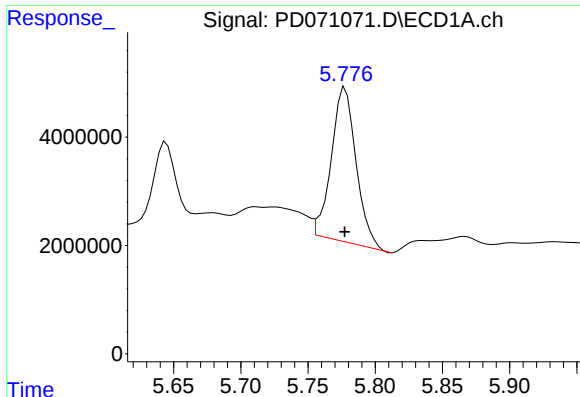
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 15145073
Conc: 4.30 ng/ml m



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 84504396
Conc: 5.63 ng/ml m



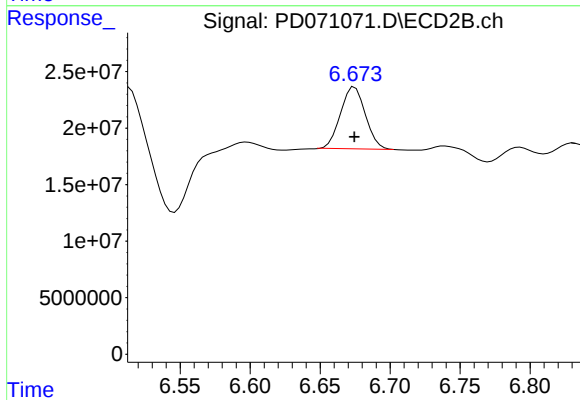
#13 Dieldrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 36538535
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

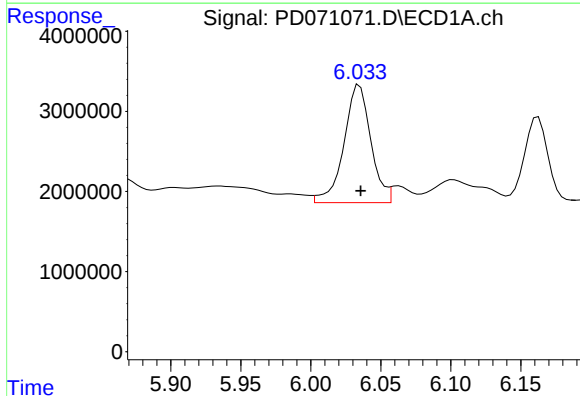
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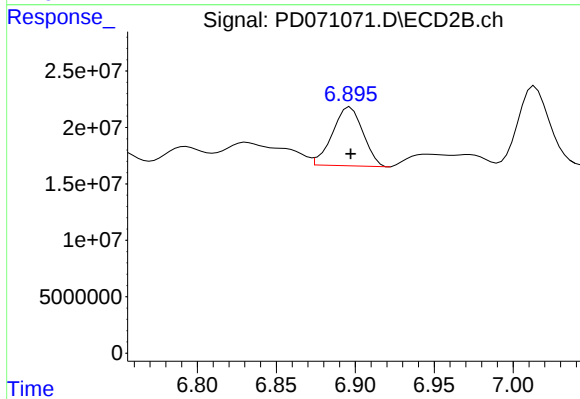
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 67646882
Conc: 4.43 ng/ml m



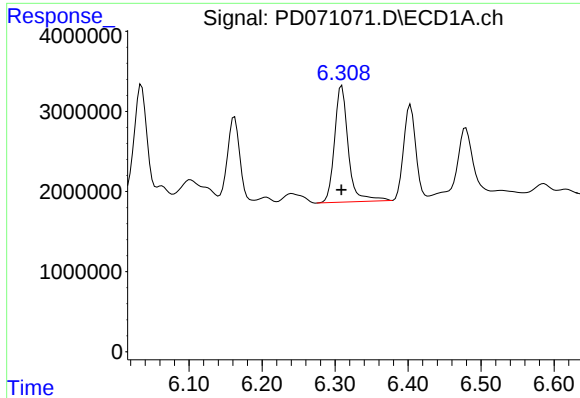
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 19685524
Conc: 6.30 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 70163030
Conc: 6.76 ng/ml



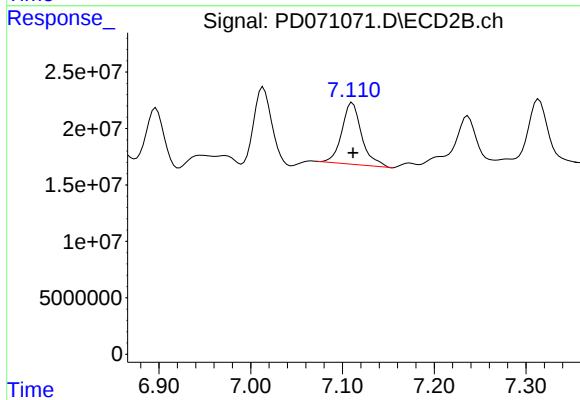
#15 Endosulfan II

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 19084242
Conc: 6.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

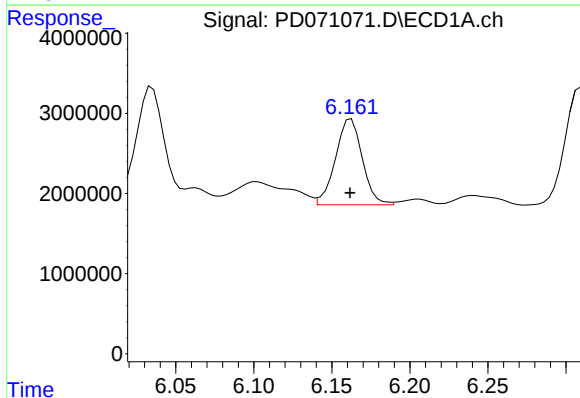
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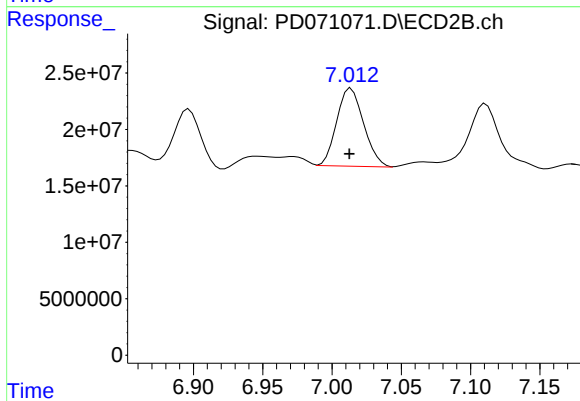
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 82029602
Conc: 6.55 ng/ml



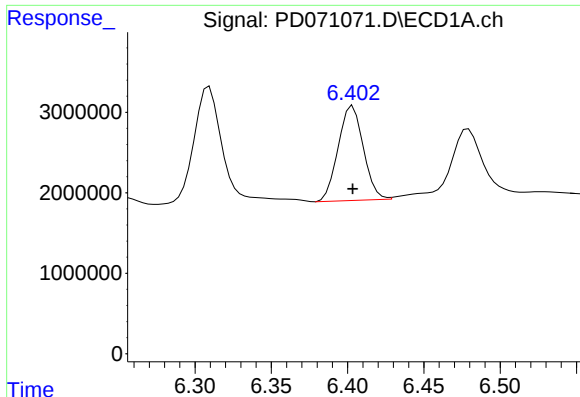
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 12871099
Conc: 4.39 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 93406246
Conc: 7.51 ng/ml m



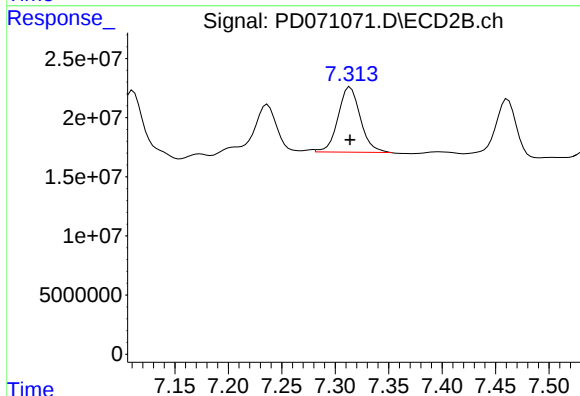
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 13514283
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

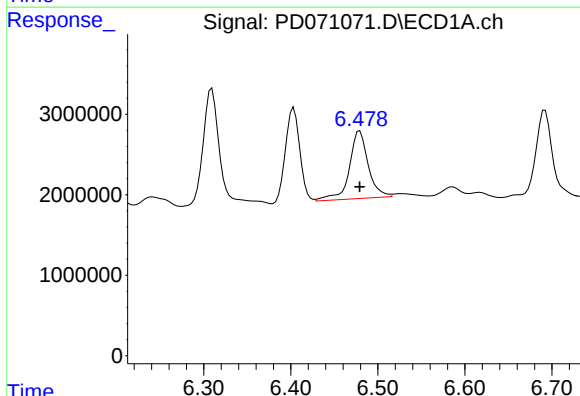
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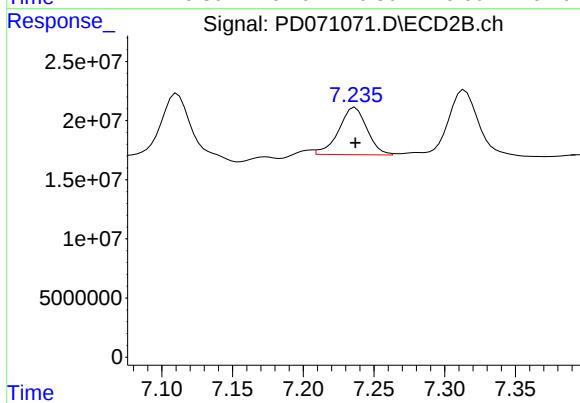
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 79565459
Conc: 5.94 ng/ml m



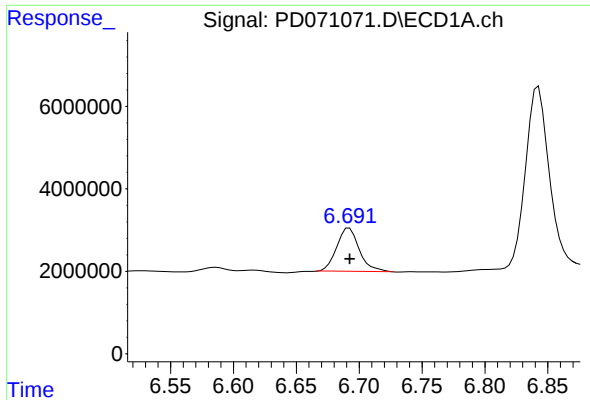
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 12673094
Conc: 5.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 55487965
Conc: 5.50 ng/ml m



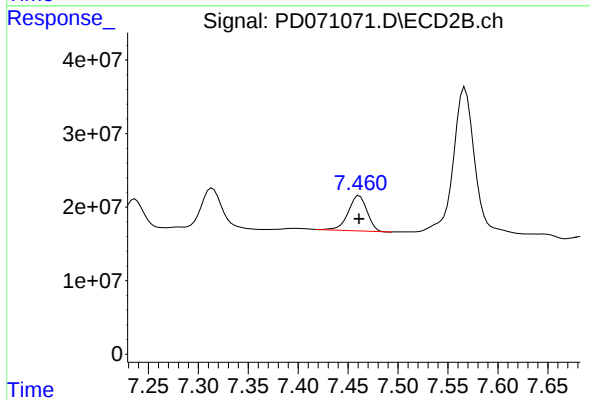
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 13075234
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

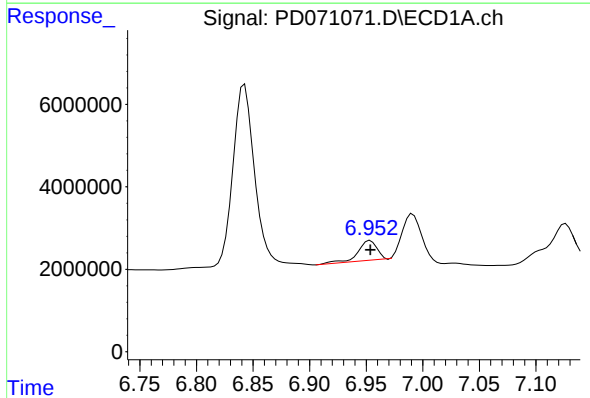
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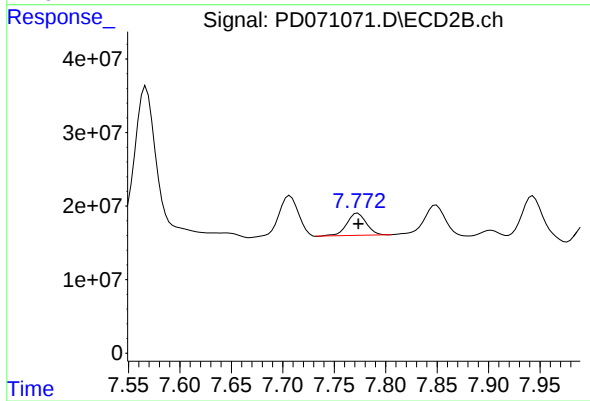
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 62337556
Conc: 5.16 ng/ml



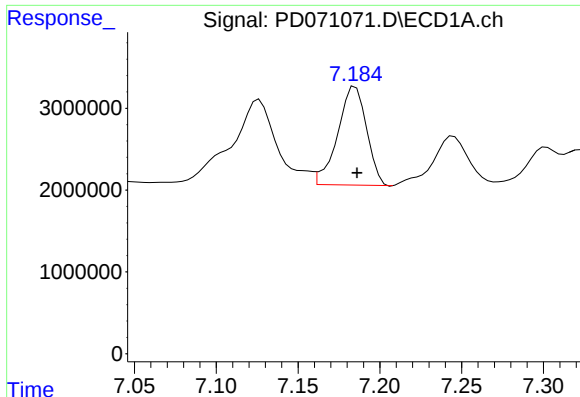
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 5698842
Conc: 3.45 ng/ml



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 40149426
Conc: 5.84 ng/ml



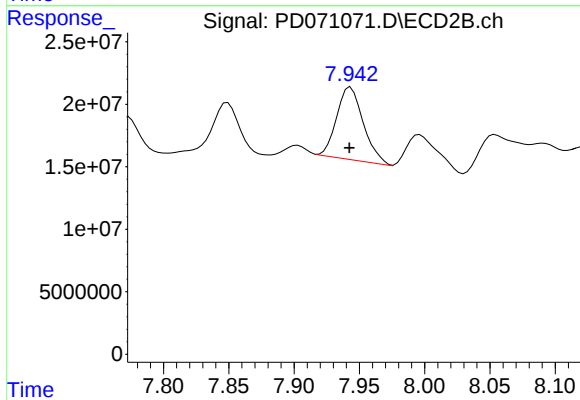
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 14815820
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

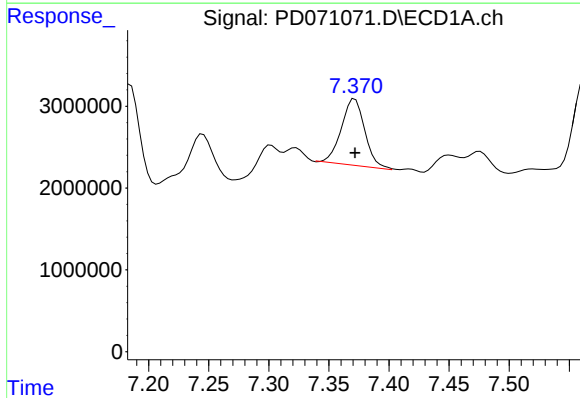
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



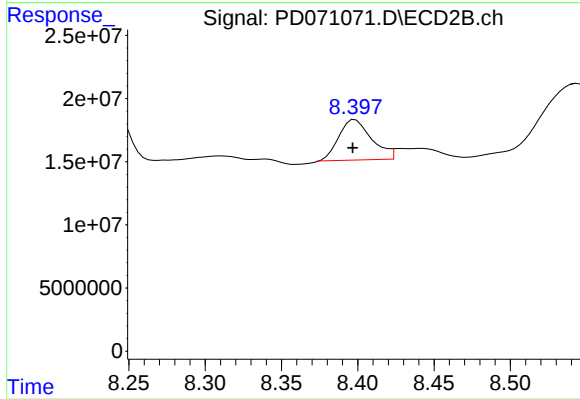
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 82133167
Conc: 5.93 ng/ml m



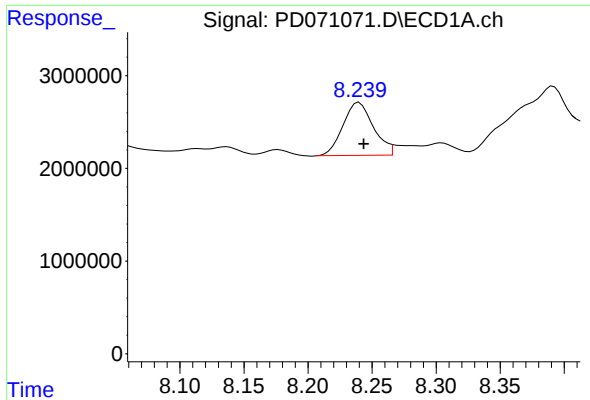
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 11001700
Conc: 3.97 ng/ml m



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 49149355
Conc: 5.35 ng/ml m



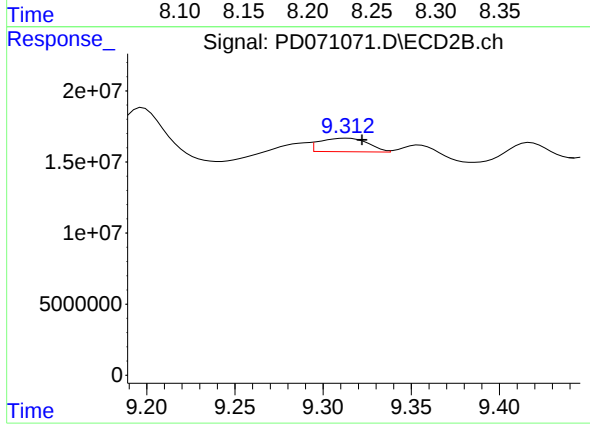
#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: -0.005 min
Response: 9760606
Conc: 3.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.312 min
Delta R.T.: -0.010 min
Response: 17652549
Conc: 1.55 ng/ml m