

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
 Data File : PD071131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 16:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2022
 Supervised By : Ankita Jodhani 07/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 17:09:58 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...	3.480	4.126	144.9E6	1405.1E6	50.010	48.599
28)	SA Decachlor...	8.251	9.326	125.8E6	432.6E6	41.181m	37.933
Target Compounds							
2)	A alpha-BHC	3.922	4.531	226.7E6	1785.2E6	51.678	47.099
3)	MA gamma-BHC...	4.207	4.825	204.7E6	1526.4E6	47.142	51.106
4)	MA Heptachlor	4.505	5.341	216.3E6	1015.3E6	51.958m	45.965
5)	MB Aldrin	4.756	5.653	213.0E6	872.8E6	50.976	47.145
6)	B beta-BHC	4.457	5.001	82828724	565.1E6	49.557	42.129
7)	B delta-BHC	4.662	5.226	206.8E6	956.2E6	52.249	40.444
8)	B Heptachlo...	5.201	6.049	186.8E6	674.6E6	49.871	44.617
9)	A Endosulfan I	5.542	6.413	175.5E6	685.9E6	50.253	47.249
10)	B gamma-Chl...	5.429	6.285	197.2E6	723.6E6	50.704	45.882m
11)	B alpha-Chl...	5.487	6.358	190.3E6	746.1E6	49.782	48.488
12)	B 4,4'-DDE	5.653	6.514	176.6E6	701.0E6	50.158	46.700
13)	MA Dieldrin	5.786	6.676	187.2E6	677.1E6	49.843	44.314
14)	MA Endrin	6.044	6.898	161.3E6	401.0E6	51.652	38.665 #
15)	B Endosulfa...	6.319	7.113	139.8E6	572.7E6	46.477	45.746
16)	A 4,4'-DDD	6.171	7.012	142.3E6	550.2E6	48.474	44.237m
17)	MA 4,4'-DDT	6.412	7.316	142.5E6	596.2E6	46.564	44.517
18)	B Endrin al...	6.488	7.238	103.1E6	441.8E6	42.968	43.809
19)	B Endosulfa...	6.700	7.463	140.2E6	523.7E6	47.053m	43.338
20)	A Methoxychlor	6.961	7.775	71989566	287.4E6	43.547m	41.821
21)	B Endrin ke...	7.193	7.945	153.5E6	587.6E6	44.317m	42.456
22)	Mirex	7.379	8.397	123.2E6	378.6E6	44.447m	41.194m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
 Data File : PD071131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 16:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

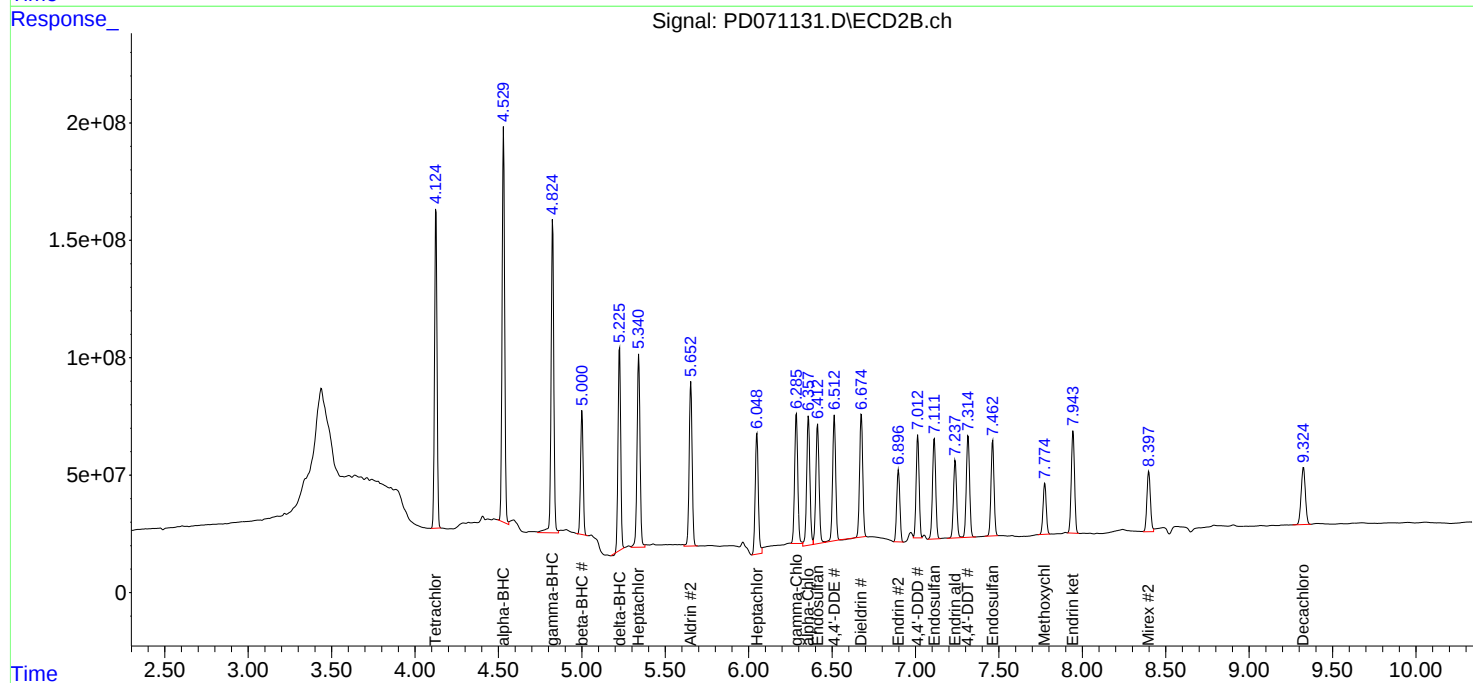
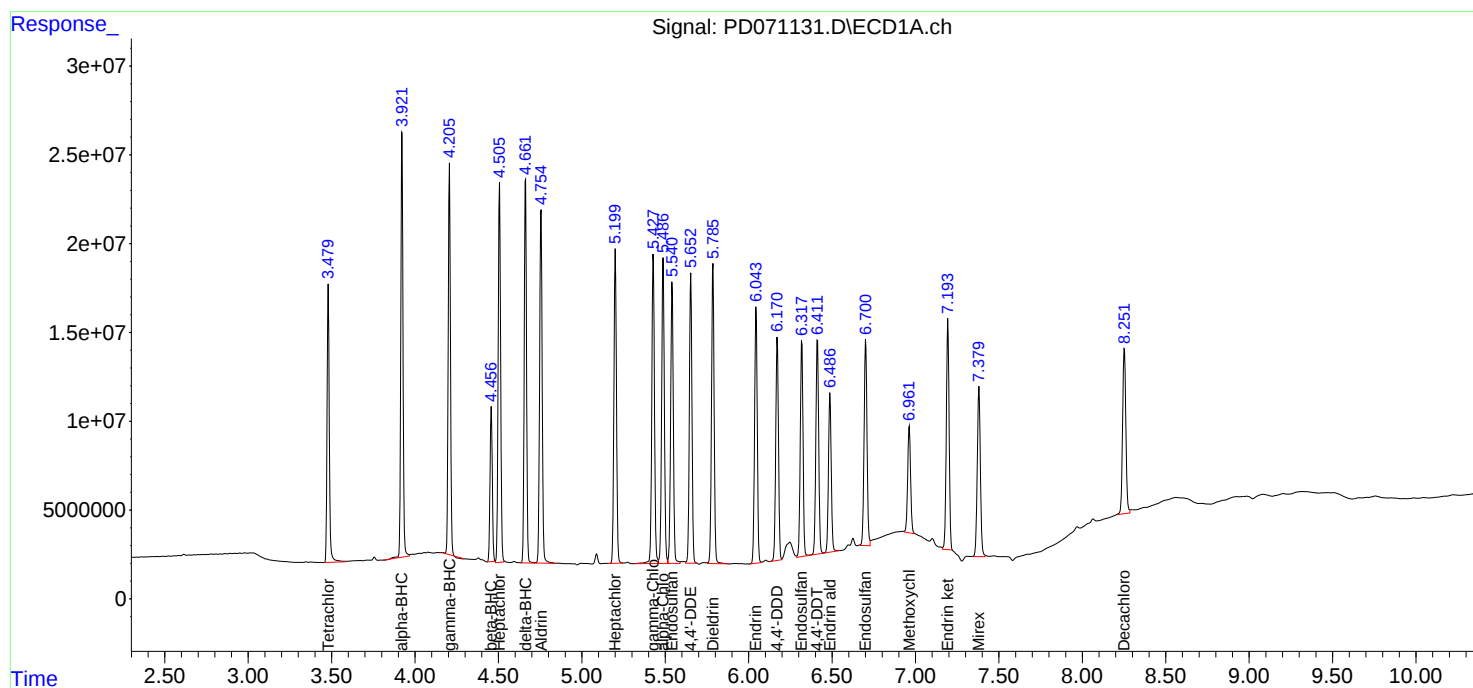
Manual Integrations

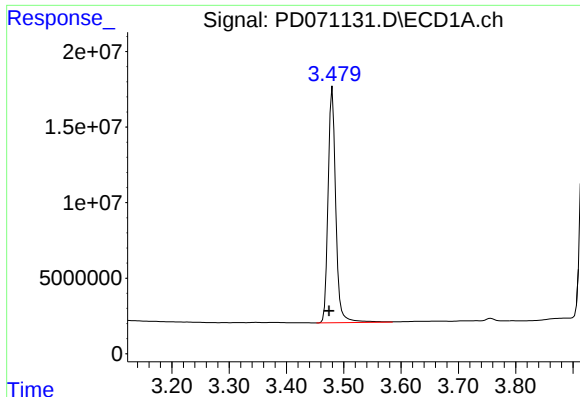
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Reviewed By :Abdul Mirza 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 17:09:58 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.: 3.480 min
Delta R.T.: 0.006 min
Response: 144923379
Conc: 50.01 ng/ml

Instrument :

ECD_D

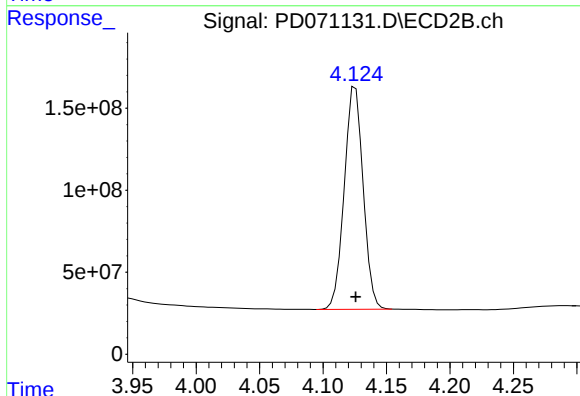
ClientSampleId :

PSTDCCC050

Manual Integrations

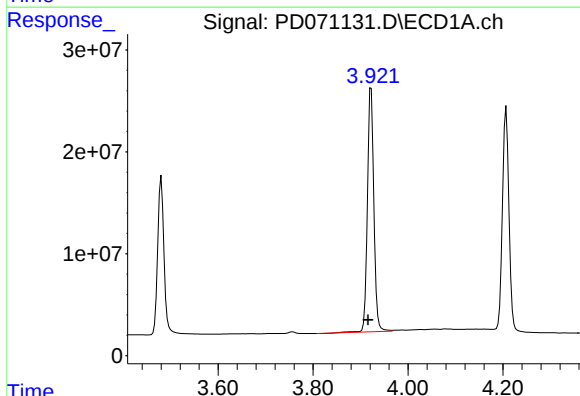
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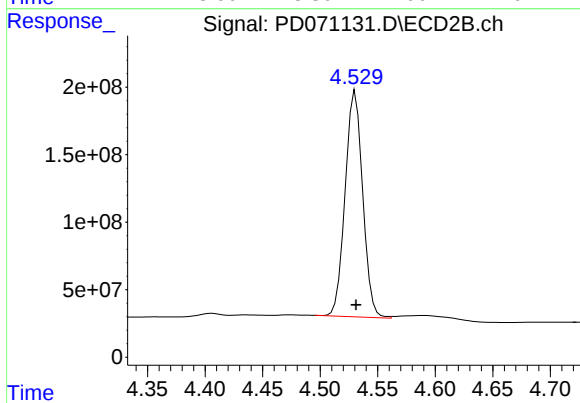
#1 Tetrachloro-m-xylene

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 1405116560
Conc: 48.60 ng/ml



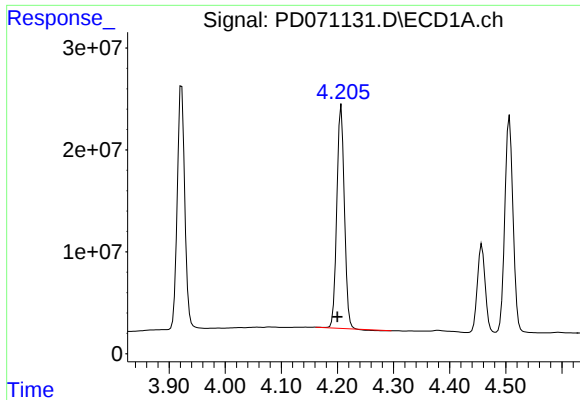
#2 alpha-BHC

R.T.: 3.922 min
Delta R.T.: 0.007 min
Response: 226723551
Conc: 51.68 ng/ml



#2 alpha-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 1785204116
Conc: 47.10 ng/ml



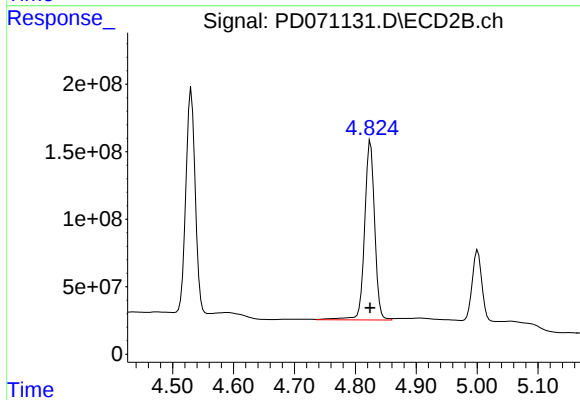
#3 gamma-BHC (Lindane)

R.T.: 4.207 min
Delta R.T.: 0.007 min
Response: 204693010
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

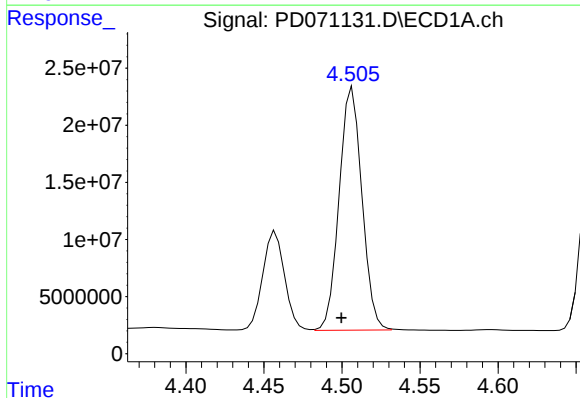
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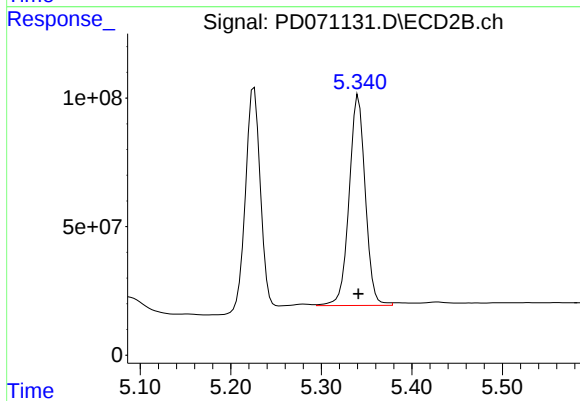
#3 gamma-BHC (Lindane)

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 1526392324
Conc: 51.11 ng/ml



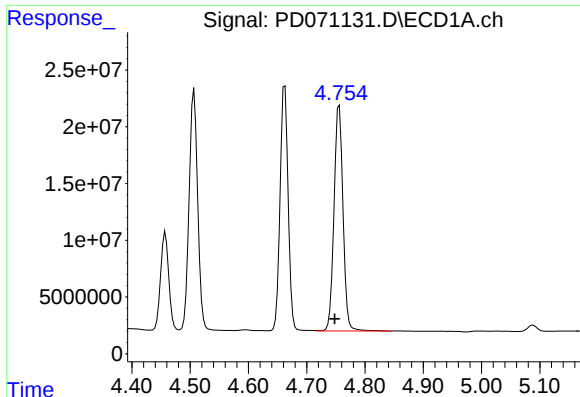
#4 Heptachlor

R.T.: 4.505 min
Delta R.T.: 0.006 min
Response: 216331426
Conc: 51.96 ng/ml m



#4 Heptachlor

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 1015337951
Conc: 45.96 ng/ml



#5 Aldrin

R.T.: 4.756 min
Delta R.T.: 0.008 min
Response: 213029581
Conc: 50.98 ng/ml

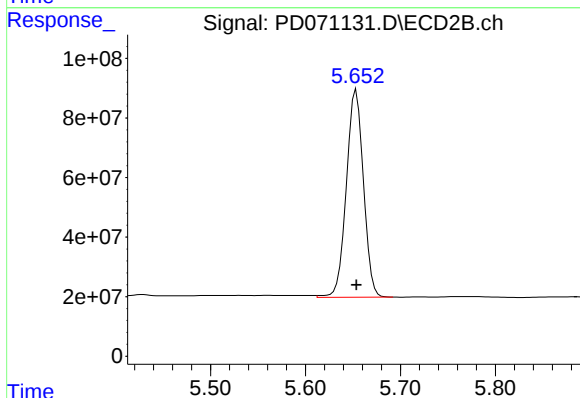
Instrument :

ECD_D

ClientSampleId :
PSTDCCC050

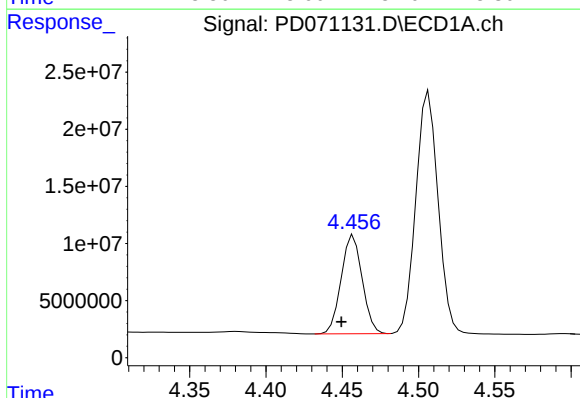
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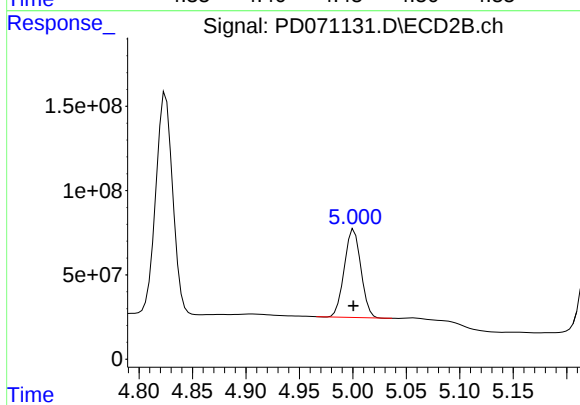
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 872784194
Conc: 47.14 ng/ml



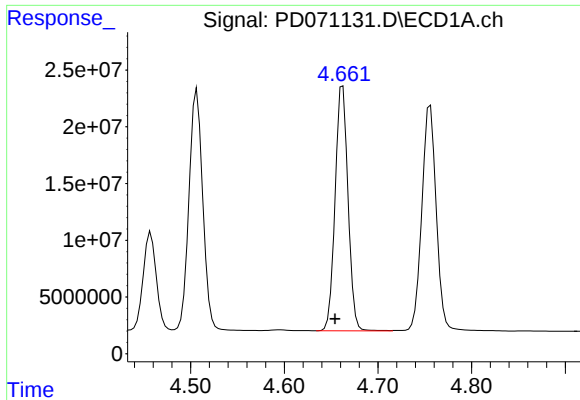
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: 0.008 min
Response: 82828724
Conc: 49.56 ng/ml



#6 beta-BHC

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 565098965
Conc: 42.13 ng/ml



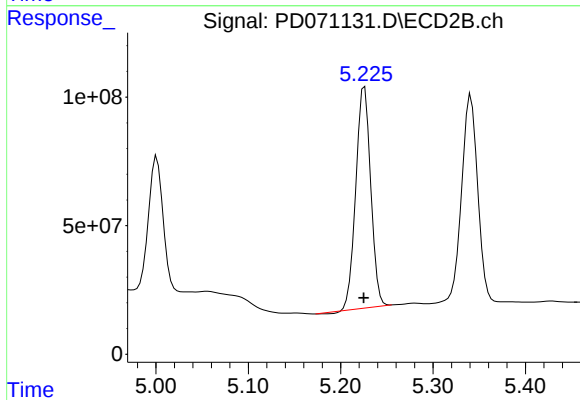
#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: 0.008 min
Response: 206798514
Conc: 52.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

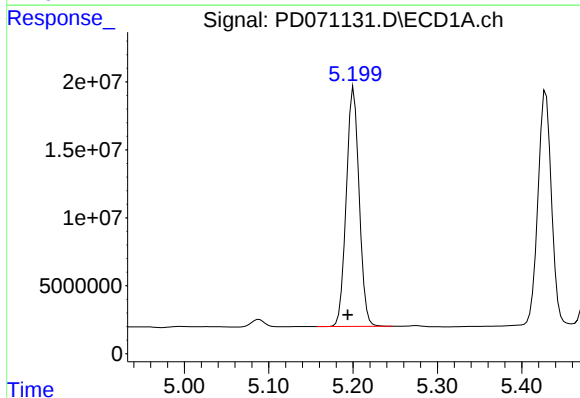
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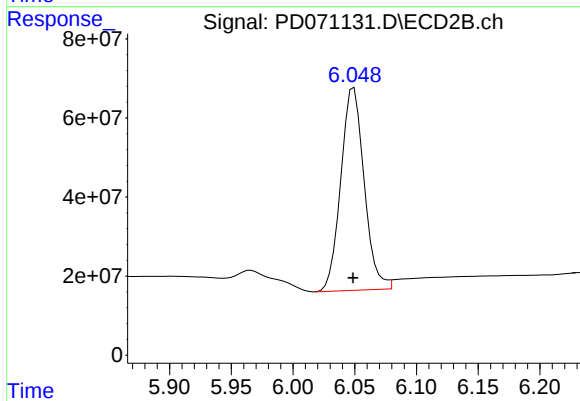
#7 delta-BHC

R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 956249105
Conc: 40.44 ng/ml



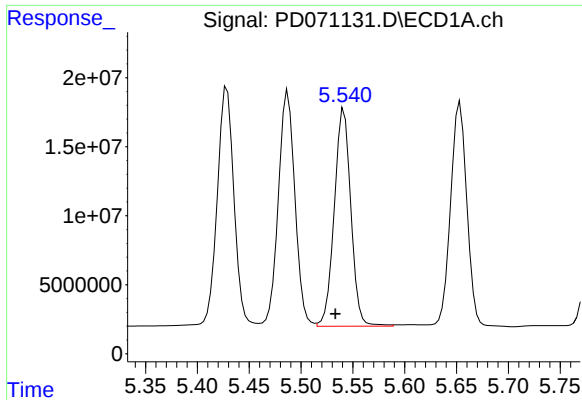
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.007 min
Response: 186808683
Conc: 49.87 ng/ml



#8 Heptachlor epoxide

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 674571670
Conc: 44.62 ng/ml



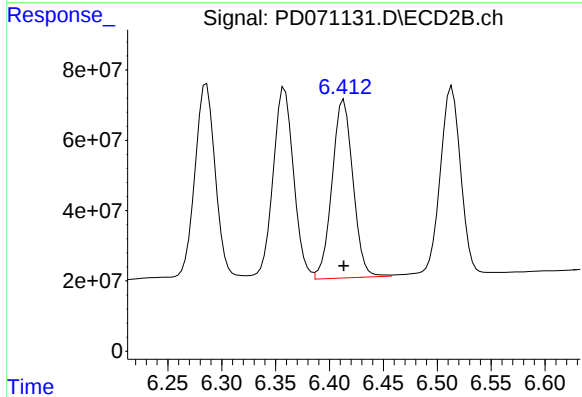
#9 Endosulfan I

R.T.: 5.542 min
Delta R.T.: 0.008 min
Response: 175466131
Conc: 50.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

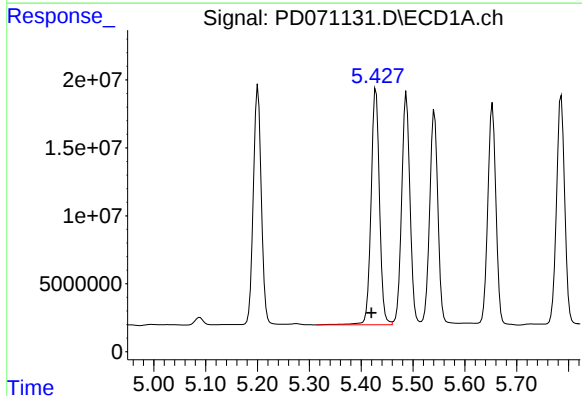
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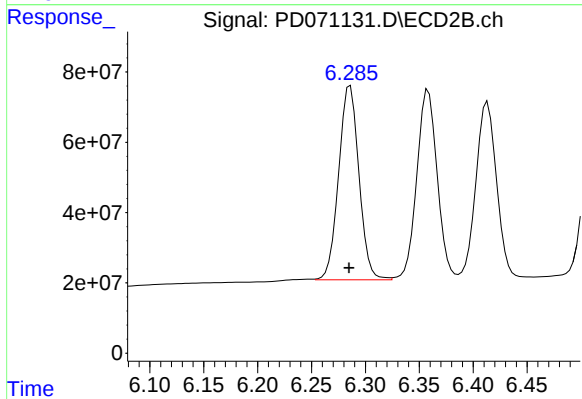
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 685897373
Conc: 47.25 ng/ml



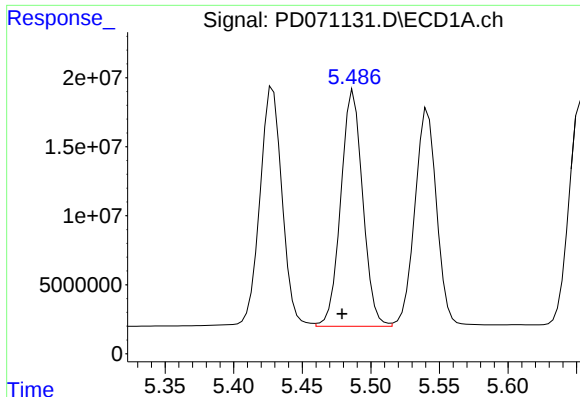
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: 0.009 min
Response: 197156791
Conc: 50.70 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 723629066
Conc: 45.88 ng/ml m



#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: 0.008 min
Response: 190334801
Conc: 49.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

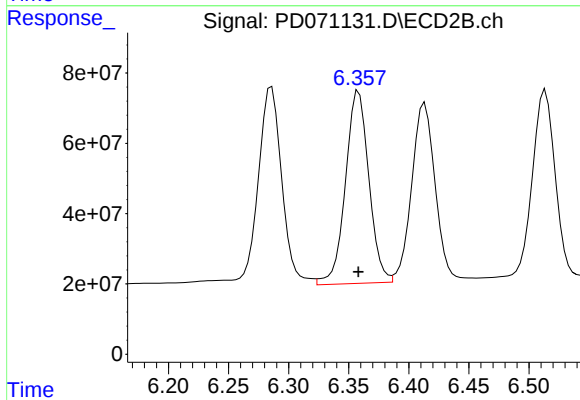
PSTDCCC050

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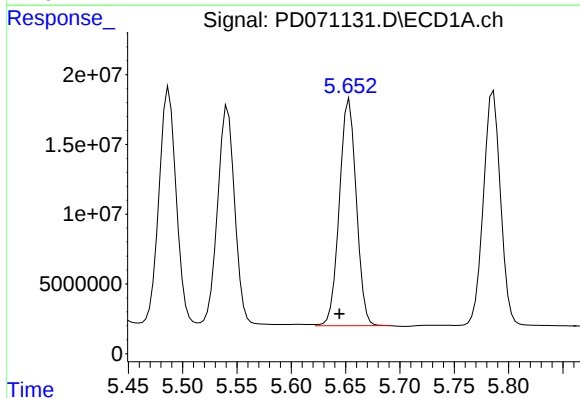
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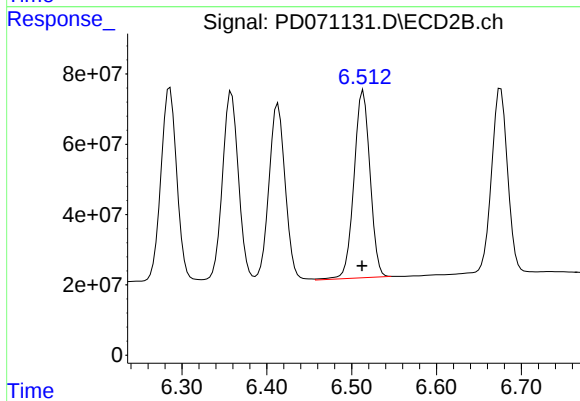
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 746081074
Conc: 48.49 ng/ml



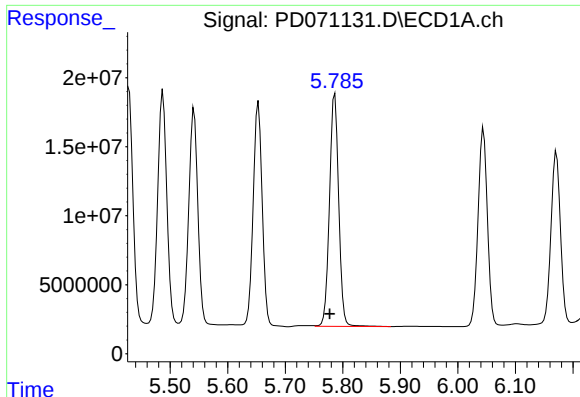
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.009 min
Response: 176640243
Conc: 50.16 ng/ml



#12 4,4'-DDE

R.T.: 6.514 min
Delta R.T.: 0.001 min
Response: 700984044
Conc: 46.70 ng/ml



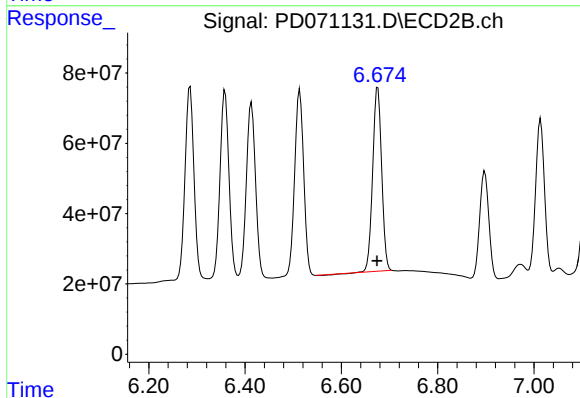
#13 Dieldrin

R.T.: 5.786 min
Delta R.T.: 0.009 min
Response: 187235769
Conc: 49.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

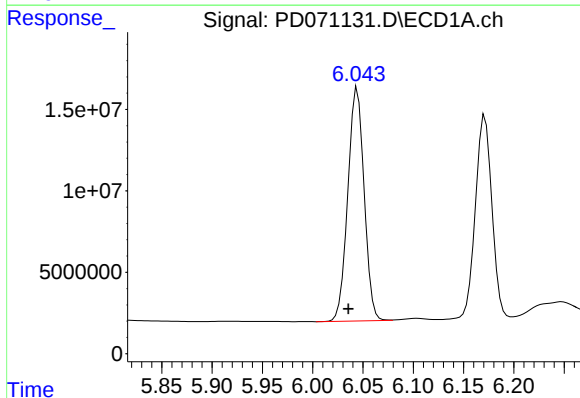
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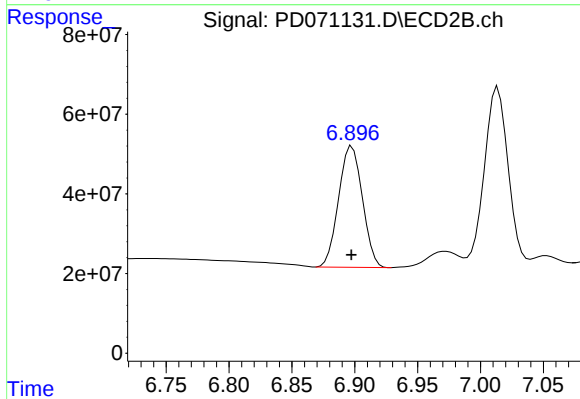
#13 Dieldrin

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 677126742
Conc: 44.31 ng/ml



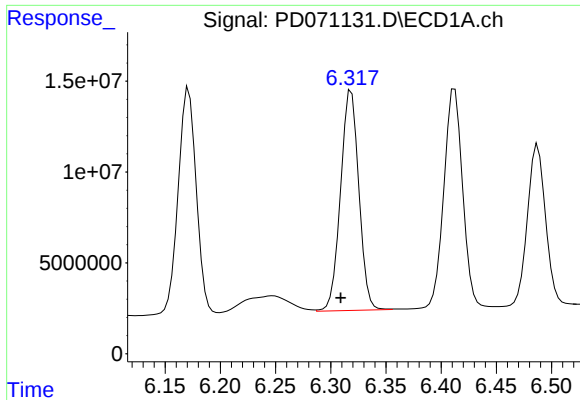
#14 Endrin

R.T.: 6.044 min
Delta R.T.: 0.009 min
Response: 161296530
Conc: 51.65 ng/ml



#14 Endrin

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 401037396
Conc: 38.66 ng/ml



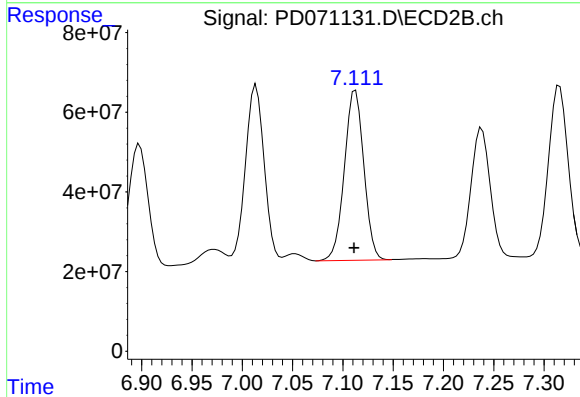
#15 Endosulfan II

R.T.: 6.319 min
Delta R.T.: 0.010 min
Response: 139807704
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

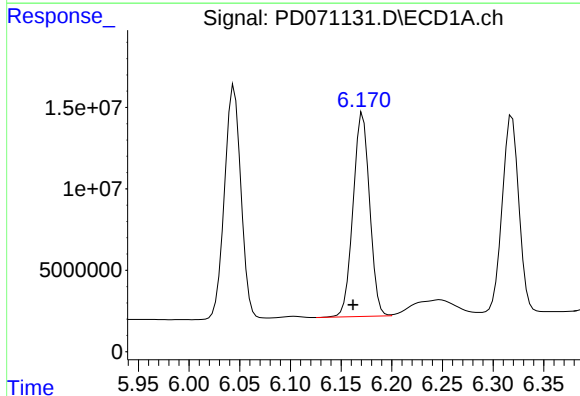
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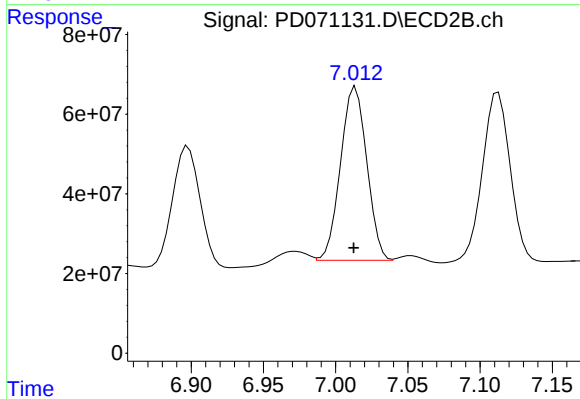
#15 Endosulfan II

R.T.: 7.113 min
Delta R.T.: 0.001 min
Response: 572662443
Conc: 45.75 ng/ml



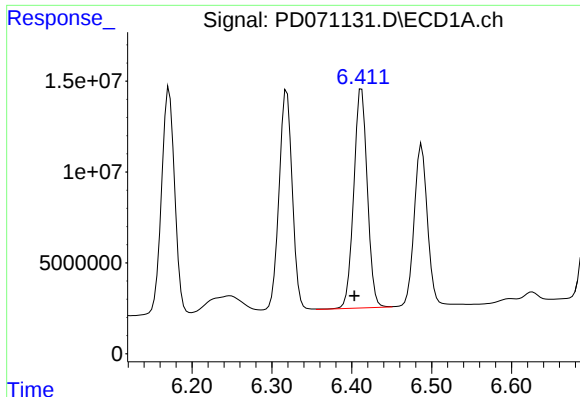
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: 0.010 min
Response: 142270287
Conc: 48.47 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 550222431
Conc: 44.24 ng/ml m



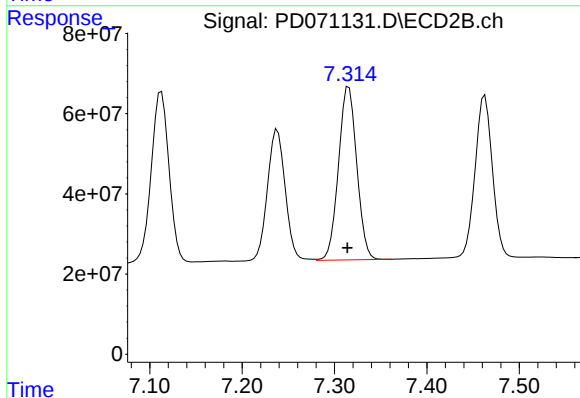
#17 4,4'-DDT

R.T.: 6.412 min
Delta R.T.: 0.009 min
Response: 142537458
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

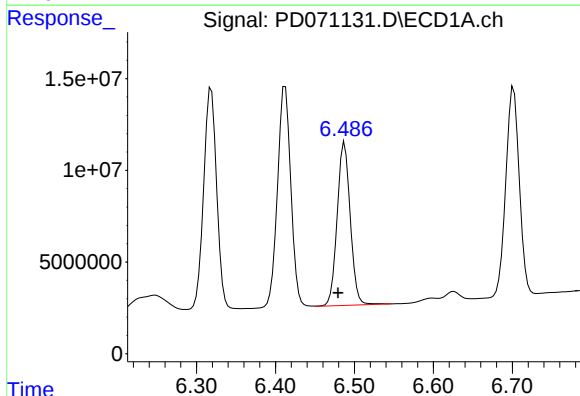
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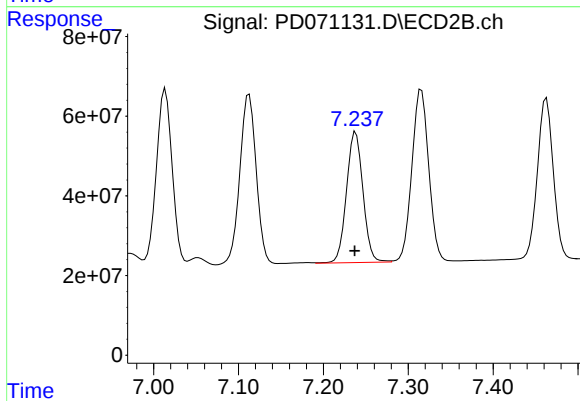
#17 4,4'-DDT

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 596240086
Conc: 44.52 ng/ml



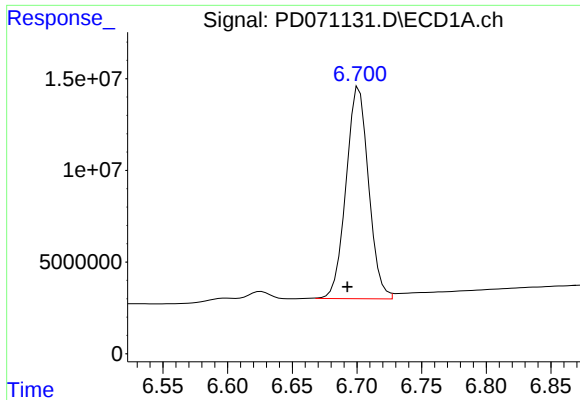
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.008 min
Response: 103059284
Conc: 42.97 ng/ml



#18 Endrin aldehyde

R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 441779997
Conc: 43.81 ng/ml



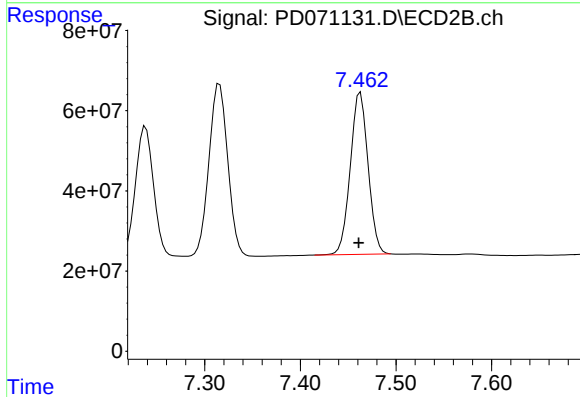
#19 Endosulfan Sulfate

R.T.: 6.700 min
Delta R.T.: 0.008 min
Response: 140167845
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
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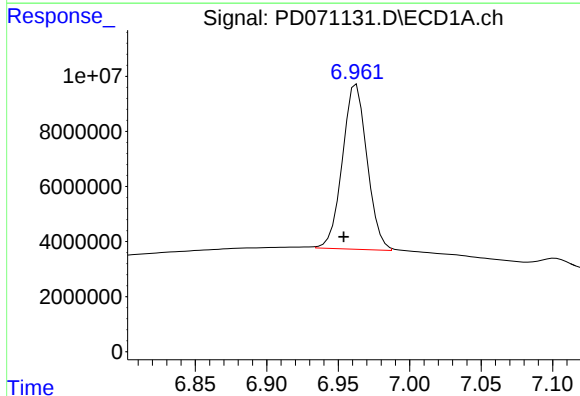
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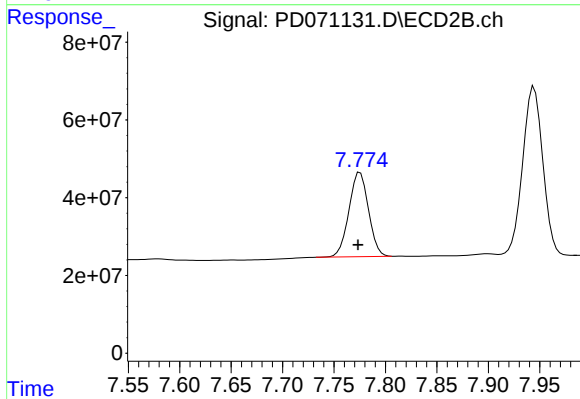
#19 Endosulfan Sulfate

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 523653728
Conc: 43.34 ng/ml



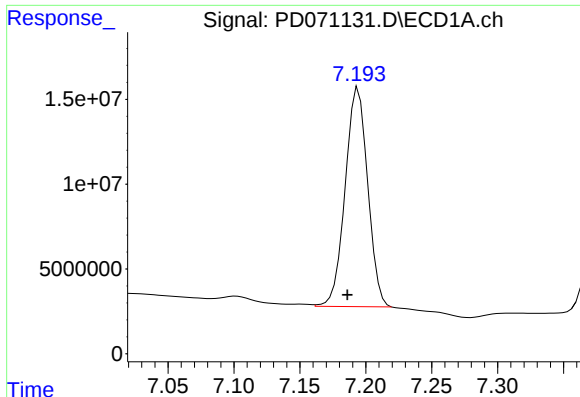
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: 0.008 min
Response: 71989566
Conc: 43.55 ng/ml m



#20 Methoxychlor

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 287371579
Conc: 41.82 ng/ml



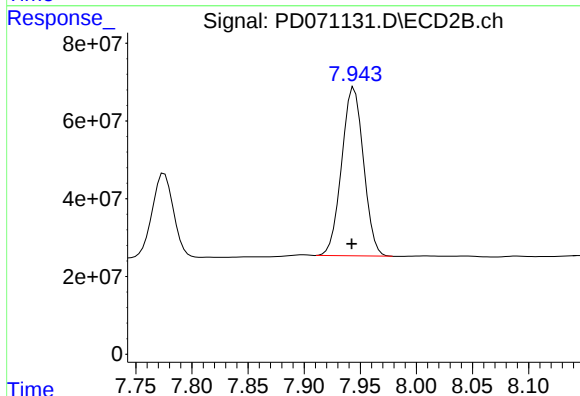
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.007 min
Response: 153507588
Conc: 44.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

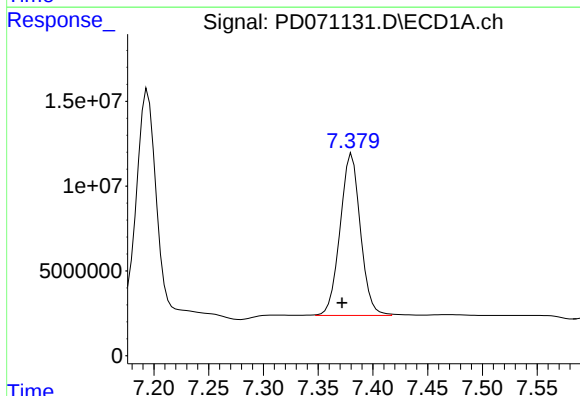
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2022
Supervised By :Ankita Jodhani 07/25/2022



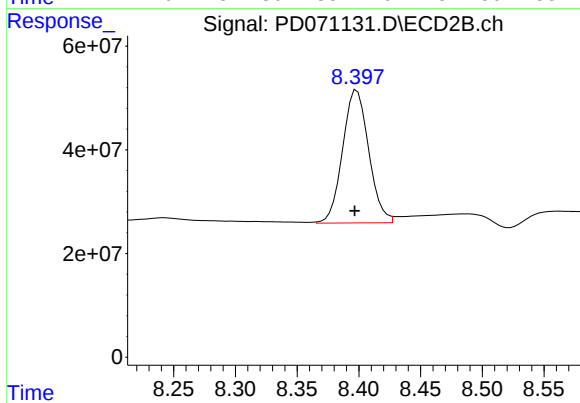
#21 Endrin ketone

R.T.: 7.945 min
Delta R.T.: 0.002 min
Response: 587583782
Conc: 42.46 ng/ml



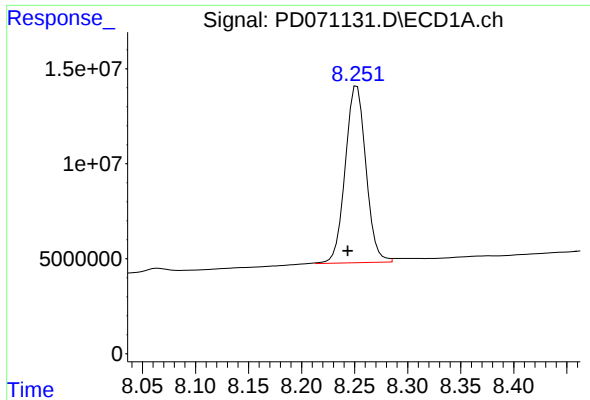
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.008 min
Response: 123227842
Conc: 44.45 ng/ml m



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 378554695
Conc: 41.19 ng/ml m



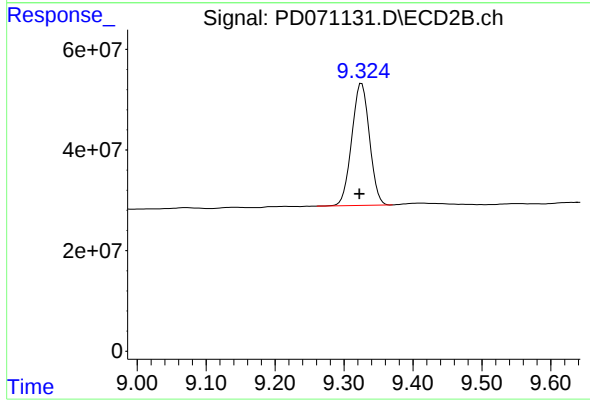
#28 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: 0.007 min
Response: 125821709
Conc: 41.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2022
Supervised By :Ankita Jodhani 07/25/2022



#28 Decachlorobiphenyl

R.T.: 9.326 min
Delta R.T.: 0.003 min
Response: 432625542
Conc: 37.93 ng/ml