

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
 Data File : PD070019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 14:12
 Operator : AR\AJ
 Sample : N2988-03MSD 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P015-SS002-0006-01MSD

Manual Integrations
 APPROVED

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 04 00:34:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.442	4.169	1800942	16251220	1.692	1.844
2) SA Decachlor...	8.194	9.365	1862475	14303807	1.708	2.645 #
Target Compounds						
2) A alpha-BHC	3.881	4.566	8978230	83321664	5.479	6.363
3) MA gamma-BHC...	4.165	4.856	12117969	86032329	7.021	6.974
4) MA Heptachlor	4.462	5.383	9089188	89852307	6.088	7.718 #
5) MB Aldrin	4.708	5.696	9758930	97155129	6.734	8.422 #
6) B beta-BHC	4.415	5.020	4768632	39004503	6.852	7.425
7) B delta-BHC	4.618	5.245	8139311	52897790	5.342	5.560m
8) B Heptachlo...	5.152	6.083	8544934	52136703	6.399	6.626m
9) A Endosulfan I	5.490	6.447	7817109	69368068	6.239	7.606
10) B gamma-Chl...	5.378	6.319	10568195	96248463	7.810	9.712m
11) B alpha-Chl...	5.437	6.396	9574677	123.9E6	7.192	12.746 #
12) B 4,4'-DDE	5.602	6.546	7116485	68580073	5.617	7.580 #
13) MA Dieldrin	5.734	6.704	12049299	116.0E6	9.154	12.298m#
14) MA Endrin	5.991	6.924	8544595	60947261	7.400	9.030
15) B Endosulfa...	6.266	7.128	8241917	66223910	7.410	8.916m
16) A 4,4'-DDD	6.119	7.040	6527743	91644972	6.033	12.376 #
17) MA 4,4'-DDT	6.355	7.340	14146956	55040695	14.274m	7.521 #
18) B Endrin al...	6.437	7.253	9230687	51080518	10.743	8.896m
19) B Endosulfa...	6.646	7.478	13063577	56845702	11.333	7.710m#
20) A Methoxychlor	6.901	7.791	3672881	47679613	6.474m	13.372m#
21) B Endrin ke...	7.140	7.955	9348370	55801404	7.015m	7.009
22) Mirex	7.324	8.419	7058525	42680669	7.020	7.989m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
Data File : PD070019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2022 14:12
Operator : AR\AJ
Sample : N2988-03MSD 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

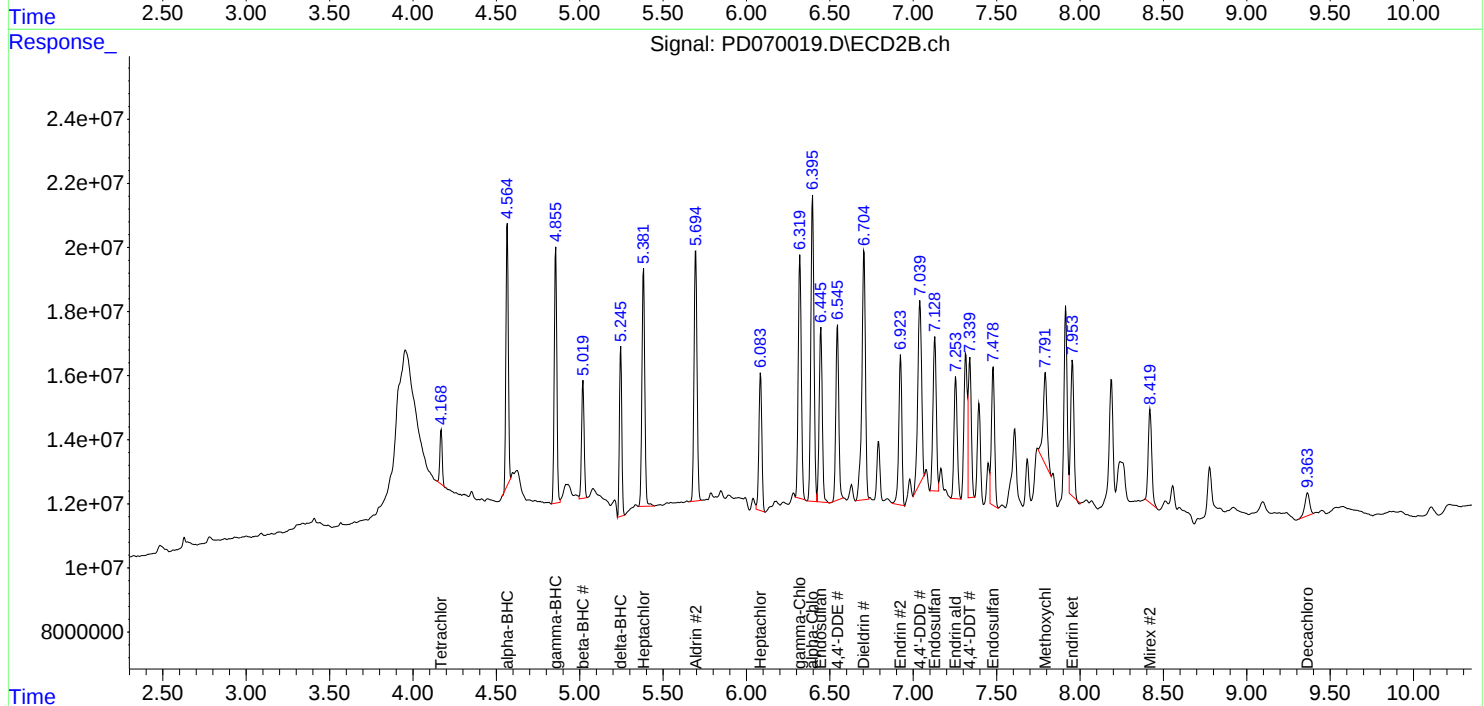
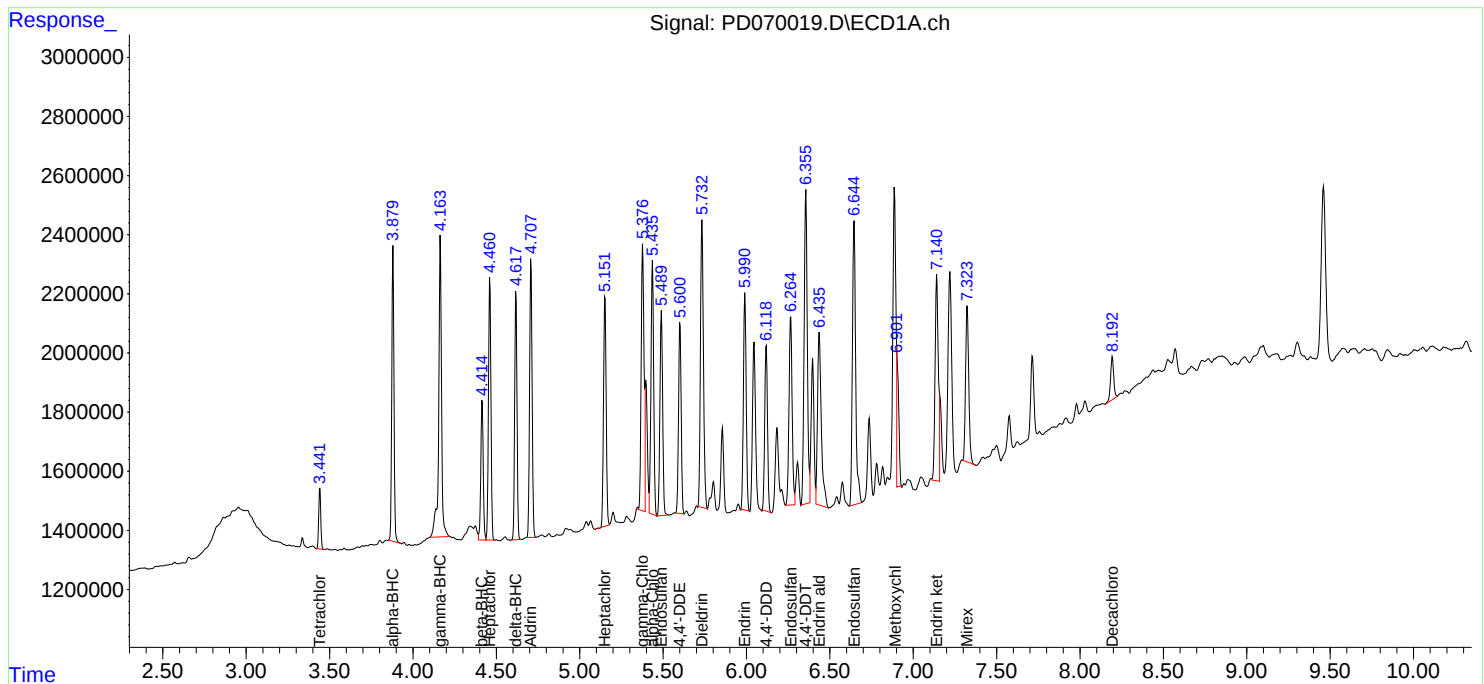
Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

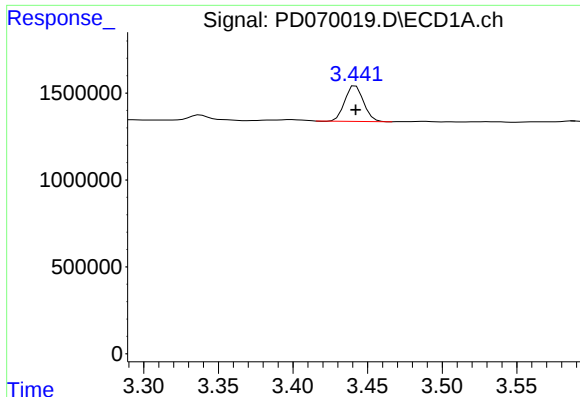
Manual Integrations
APPROVED

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 04 00:34:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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





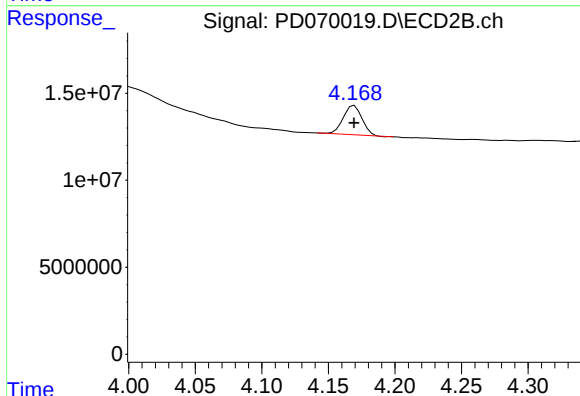
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1800942
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

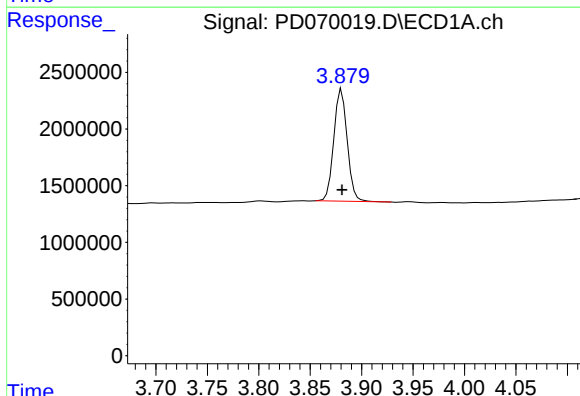
Manual Integrations
APPROVED

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



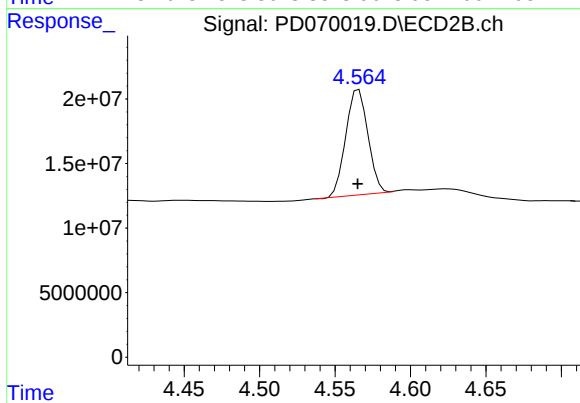
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 16251220
Conc: 1.84 ng/ml



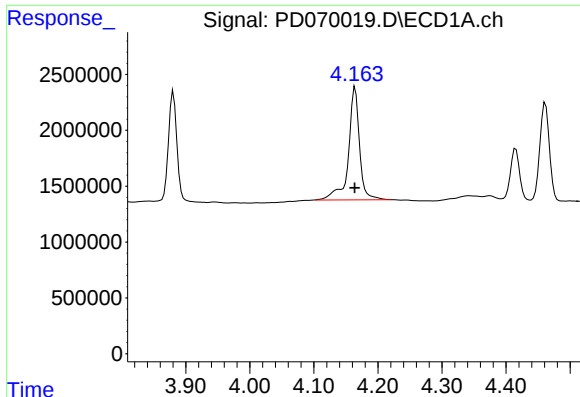
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 8978230
Conc: 5.48 ng/ml



#2 alpha-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 83321664
Conc: 6.36 ng/ml



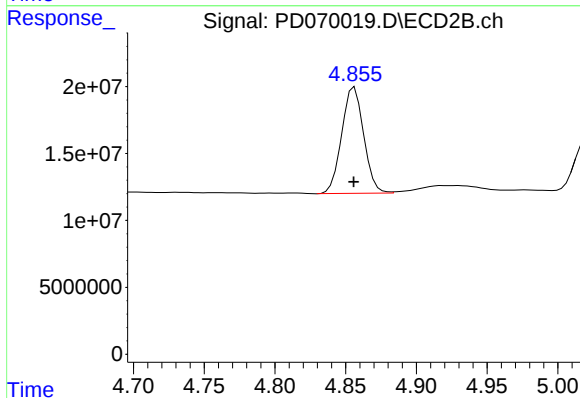
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 12117969
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

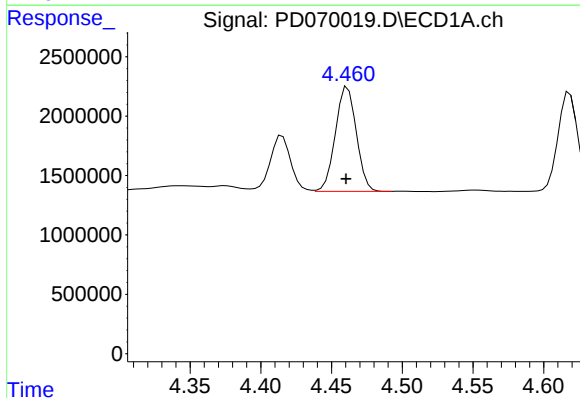
Manual Integrations
APPROVED

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



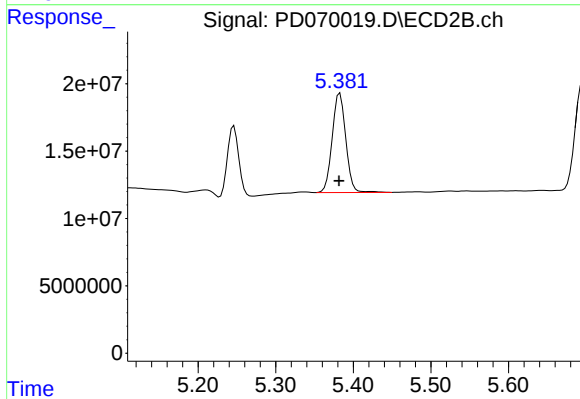
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 86032329
Conc: 6.97 ng/ml



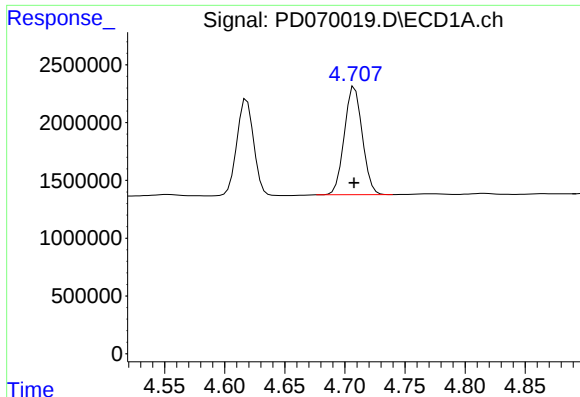
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: 0.001 min
Response: 9089188
Conc: 6.09 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 89852307
Conc: 7.72 ng/ml



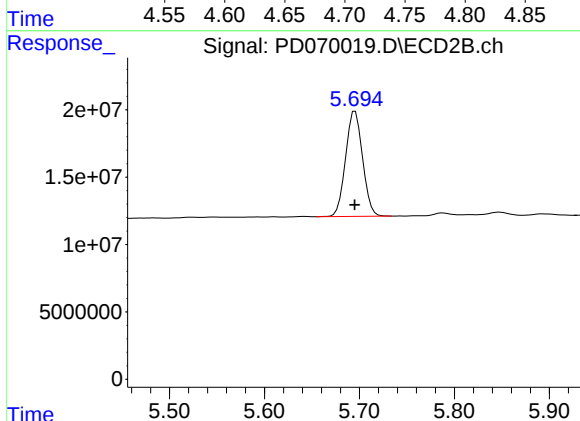
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 9758930
Conc: 6.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

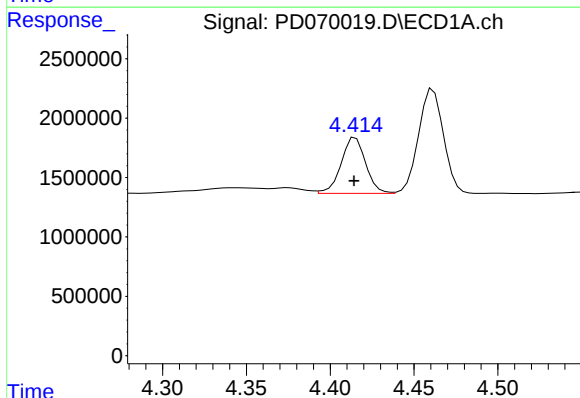
Manual Integrations
APPROVED

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



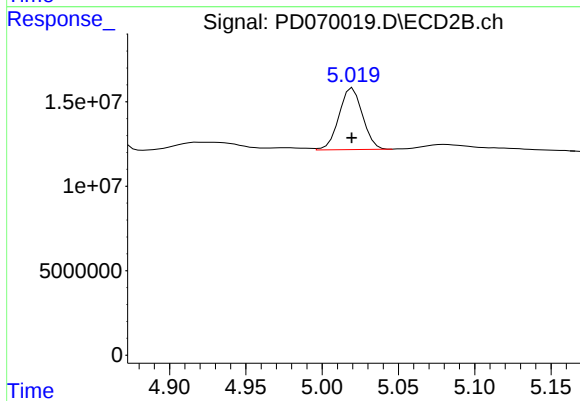
#5 Aldrin

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 97155129
Conc: 8.42 ng/ml



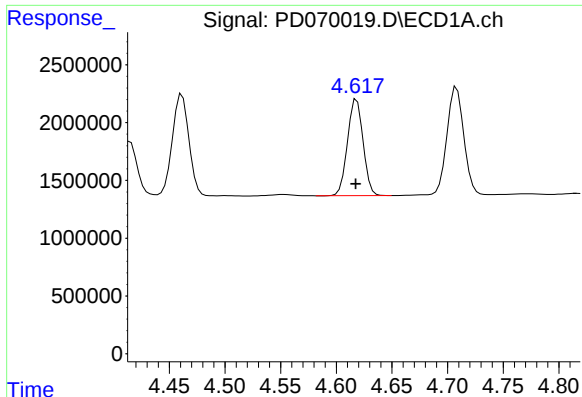
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 4768632
Conc: 6.85 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 39004503
Conc: 7.43 ng/ml



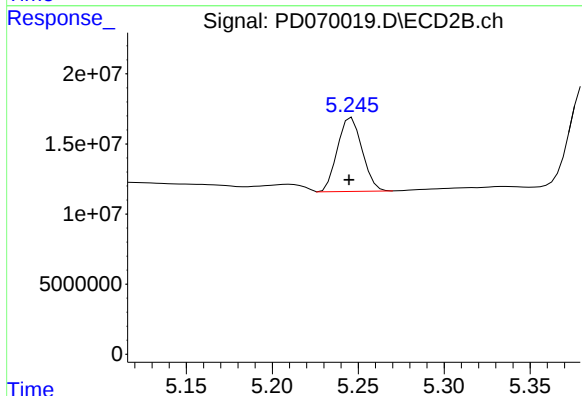
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 8139311
Conc: 5.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

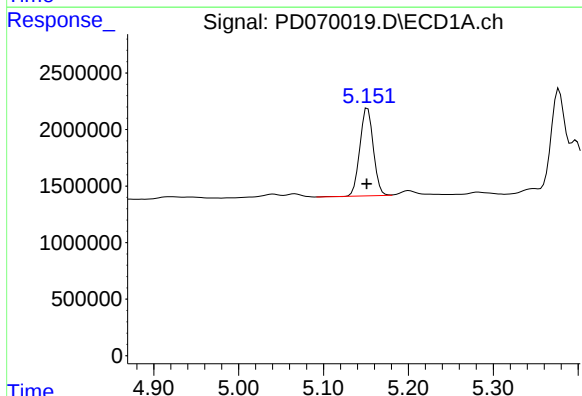
Manual Integrations
APPROVED

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



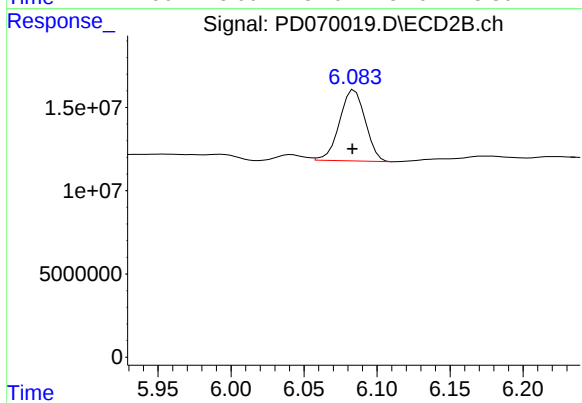
#7 delta-BHC

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 52897790
Conc: 5.56 ng/ml m



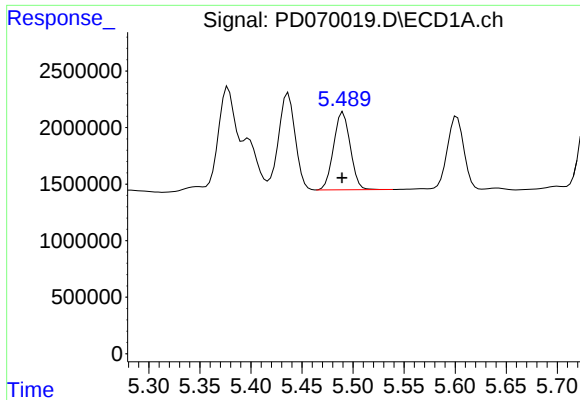
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.001 min
Response: 8544934
Conc: 6.40 ng/ml



#8 Heptachlor epoxide

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 52136703
Conc: 6.63 ng/ml m



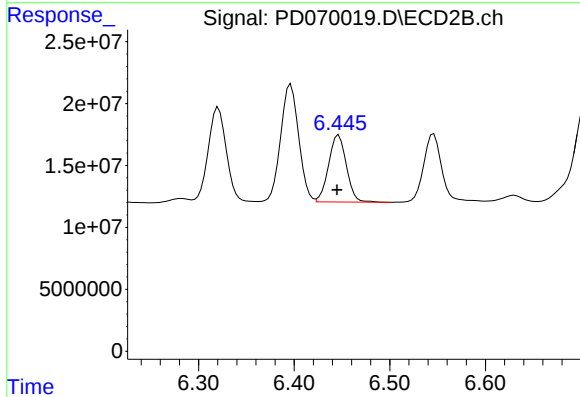
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 7817109
Conc: 6.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

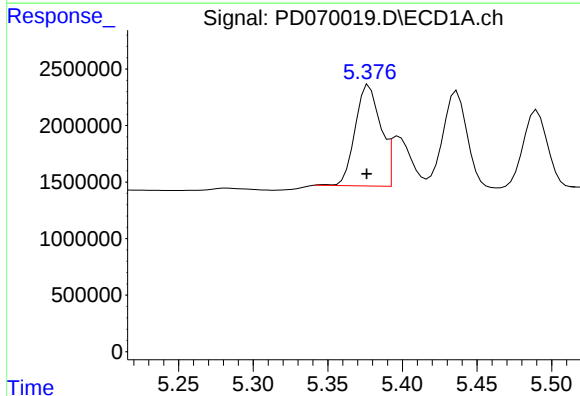
Manual Integrations
APPROVED

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



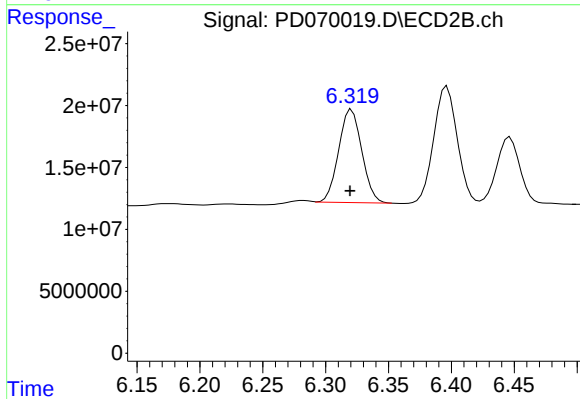
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.001 min
Response: 69368068
Conc: 7.61 ng/ml



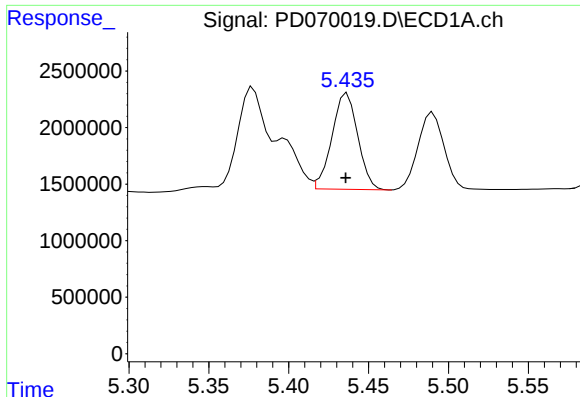
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 10568195
Conc: 7.81 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 96248463
Conc: 9.71 ng/ml m



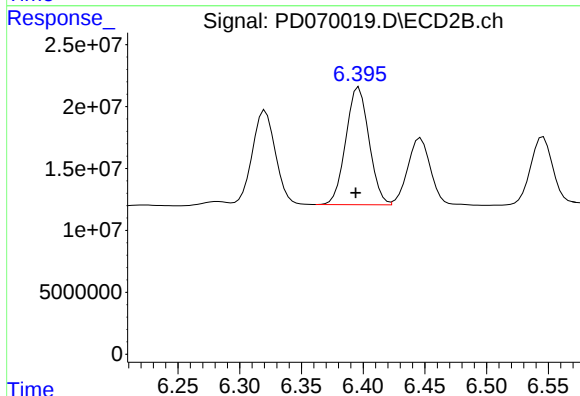
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 9574677
Conc: 7.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

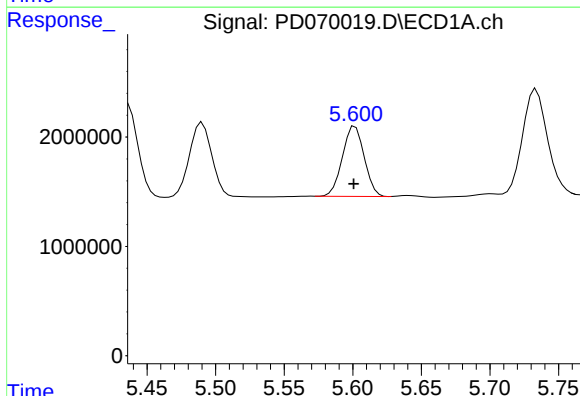
Manual Integrations
APPROVED

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



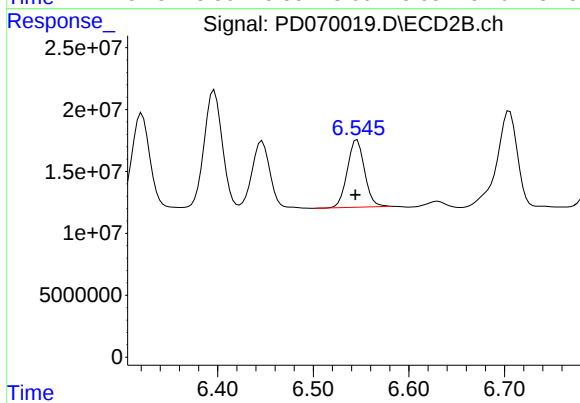
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.003 min
Response: 123876525
Conc: 12.75 ng/ml



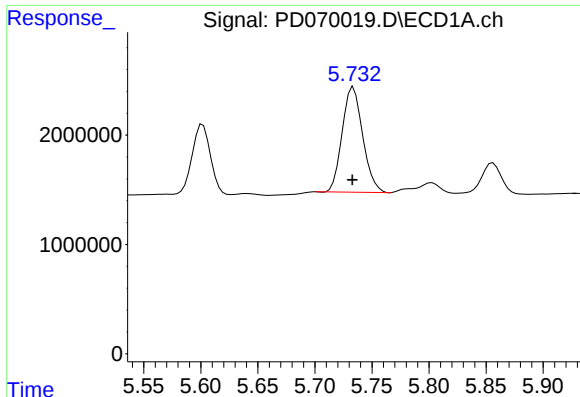
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 7116485
Conc: 5.62 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.002 min
Response: 68580073
Conc: 7.58 ng/ml



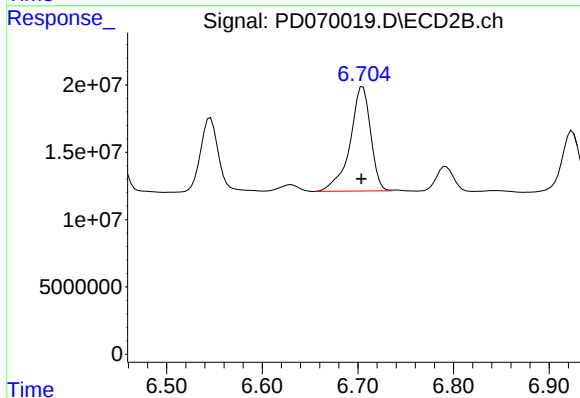
#13 Dieldrin

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 12049299
Conc: 9.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

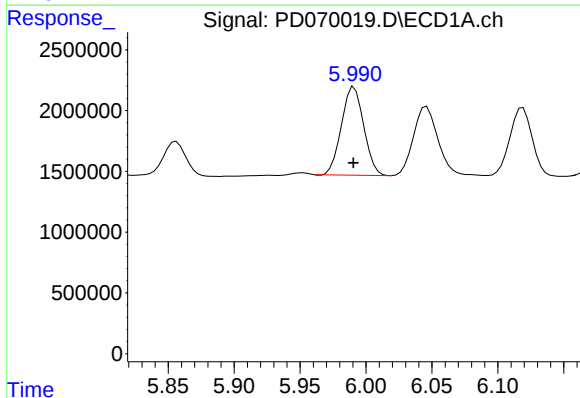
Manual Integrations
APPROVED

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



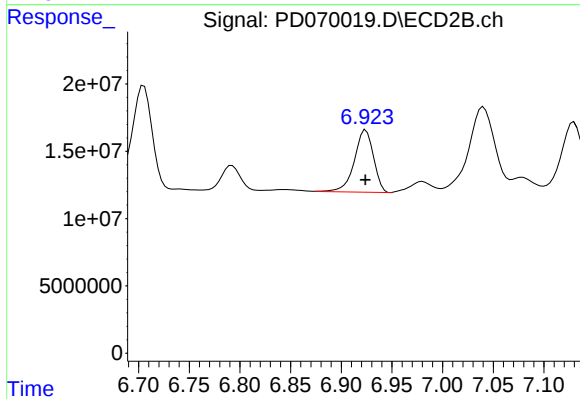
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 116026467
Conc: 12.30 ng/ml m



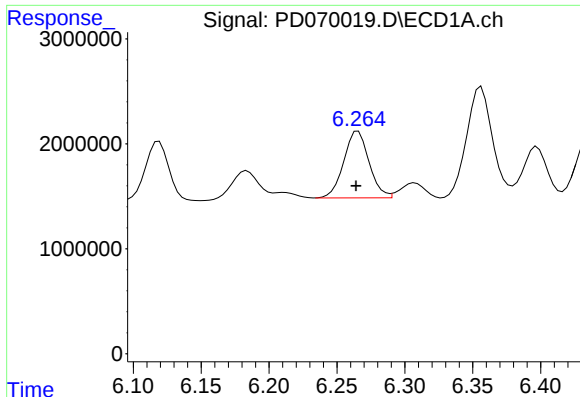
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8544595
Conc: 7.40 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 60947261
Conc: 9.03 ng/ml



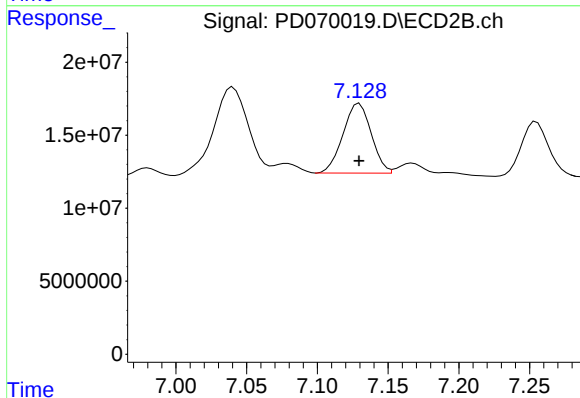
#15 Endosulfan II

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 8241917
Conc: 7.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

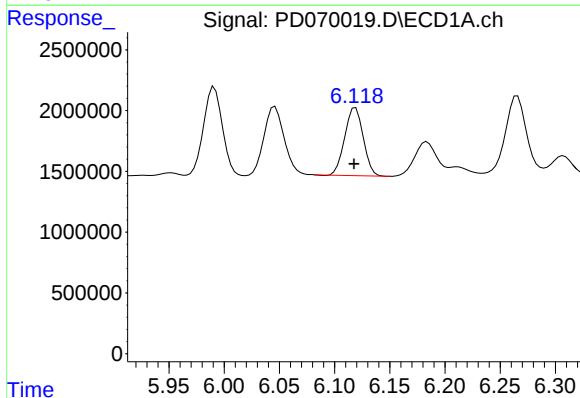
Manual Integrations
APPROVED

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



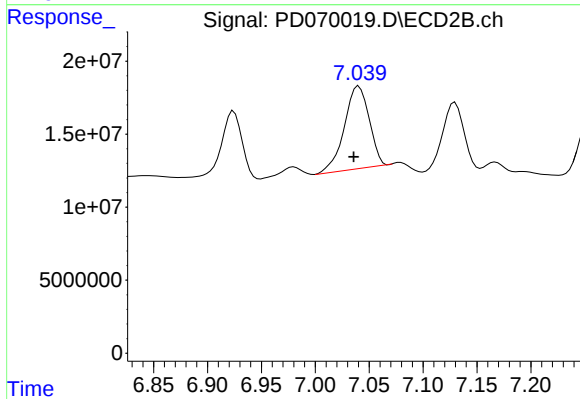
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: -0.001 min
Response: 66223910
Conc: 8.92 ng/ml m



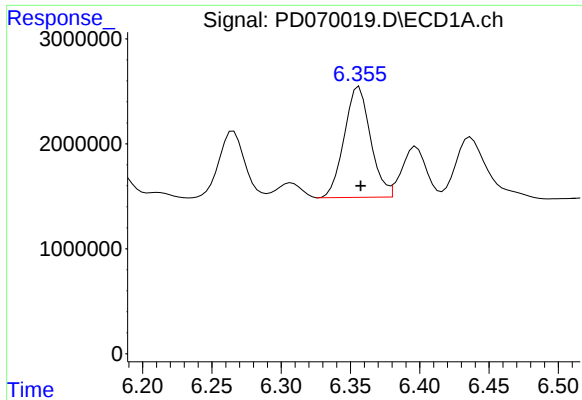
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 6527743
Conc: 6.03 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: 0.005 min
Response: 91644972
Conc: 12.38 ng/ml



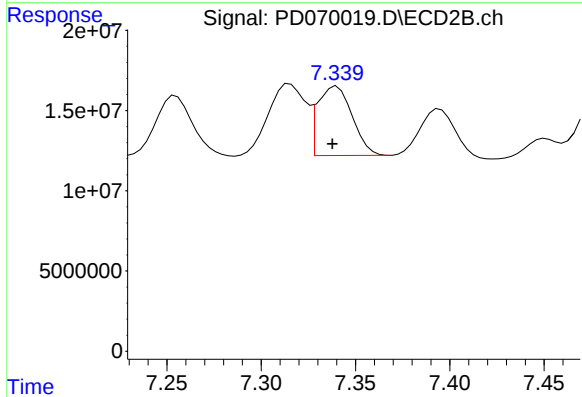
#17 4,4'-DDT

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 14146956
Conc: 14.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

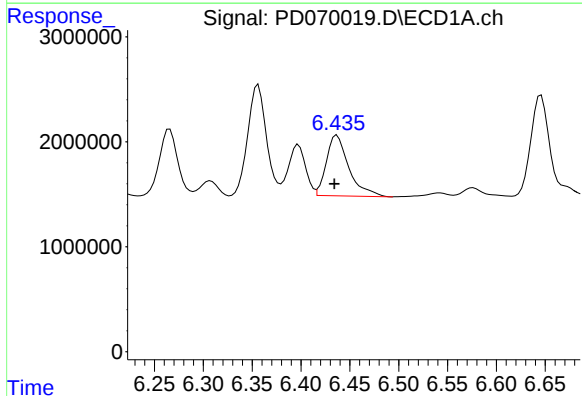
Manual Integrations
APPROVED

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



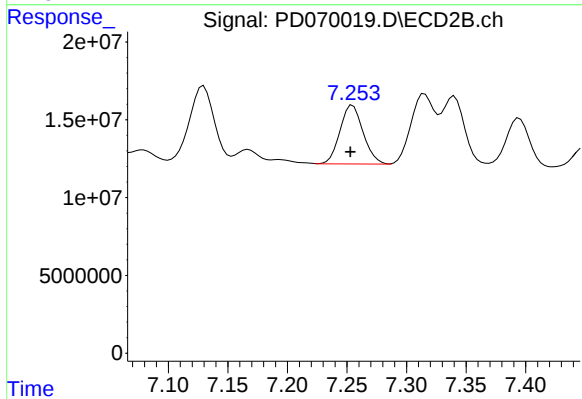
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 55040695
Conc: 7.52 ng/ml



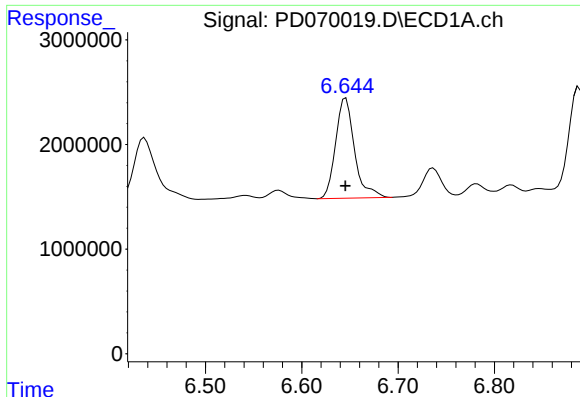
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: 0.003 min
Response: 9230687
Conc: 10.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 51080518
Conc: 8.90 ng/ml m



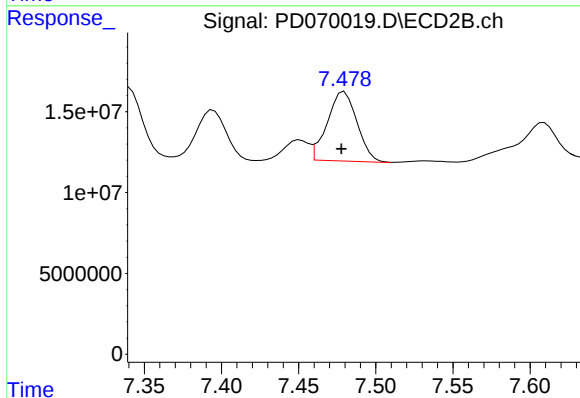
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 13063577
Conc: 11.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

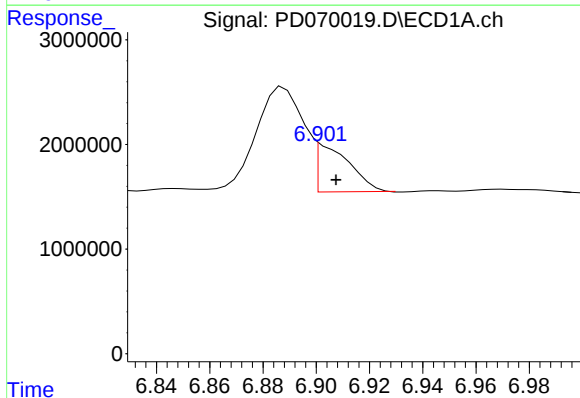
Manual Integrations
APPROVED

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



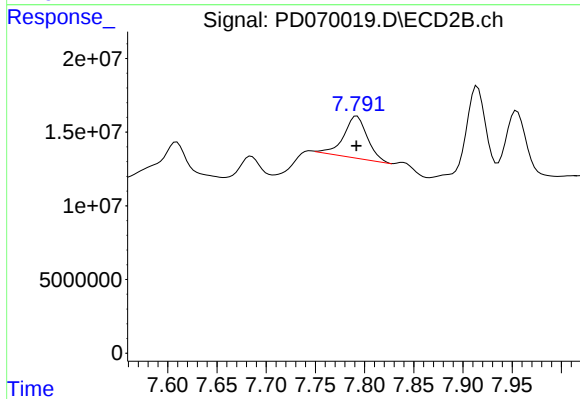
#19 Endosulfan Sulfate

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 56845702
Conc: 7.71 ng/ml m



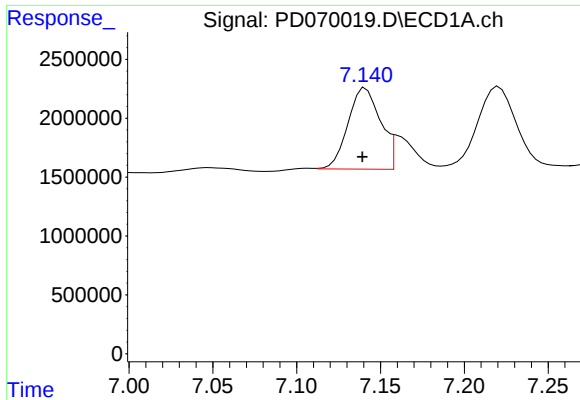
#20 Methoxychlor

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 3672881
Conc: 6.47 ng/ml m



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 47679613
Conc: 13.37 ng/ml m



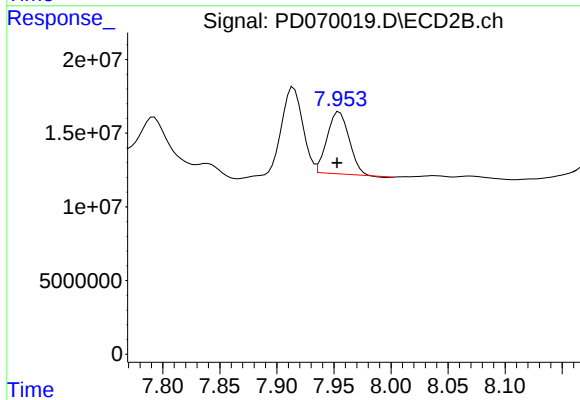
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 9348370
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

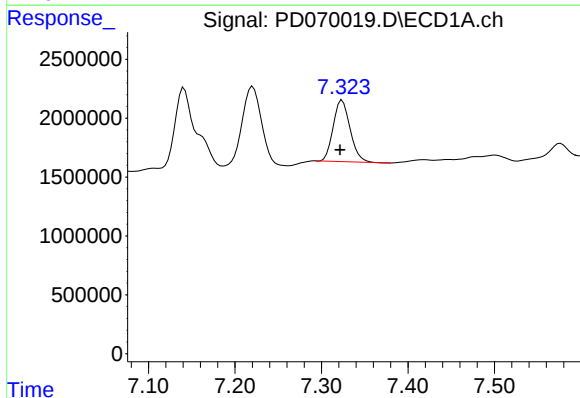
Manual Integrations
APPROVED

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



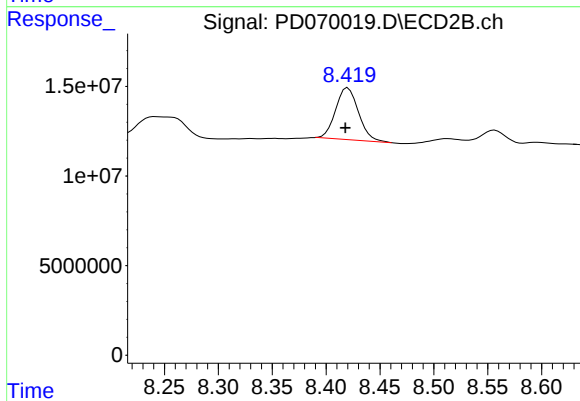
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 55801404
Conc: 7.01 ng/ml



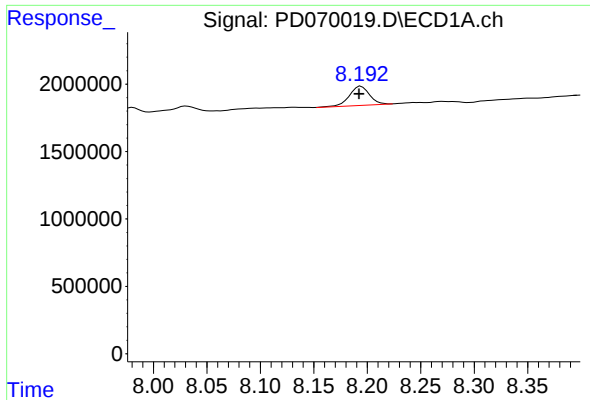
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.003 min
Response: 7058525
Conc: 7.02 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 42680669
Conc: 7.99 ng/ml m



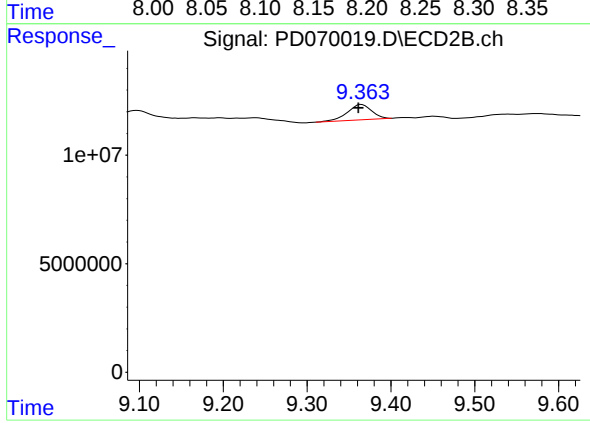
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 1862475
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
P015-SS002-0006-01MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: 0.004 min
Response: 14303807
Conc: 2.64 ng/ml