

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD070002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 02:20
 Operator : AR\AJ
 Sample : N2986-07MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P027-SS001-1824-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2022
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:44:12 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...	3.441	4.168	19654470	188.4E6	18.469	21.377
28) SA Decachlor...	8.195	9.364	17848535	105.3E6	16.364	19.478
Target Compounds						
2) A alpha-BHC	3.880	4.564	89850015	795.8E6	54.829	60.770
3) MA gamma-BHC...	4.164	4.855	84055655	728.0E6	48.702	59.016
4) MA Heptachlor	4.460	5.382	79256561	688.0E6	53.088	59.096
5) MB Aldrin	4.708	5.695	80325601	695.2E6	55.426	60.267
6) B beta-BHC	4.414	5.019	35350856	313.0E6	50.793	59.579
7) B delta-BHC	4.618	5.244	79474066	638.6E6	52.162	67.126 #
8) B Heptachlo...	5.152	6.082	73542906	607.1E6	55.072	77.155 #
9) A Endosulfan I	5.490	6.445	67798577	545.7E6	54.109	59.827
10) B gamma-Chl...	5.376	6.318	73479554	598.8E6	54.303m	60.427m
11) B alpha-Chl...	5.436	6.395	72370249	584.2E6	54.360	60.106
12) B 4,4'-DDE	5.602	6.545	70834055	574.6E6	55.909	63.503
13) MA Dieldrin	5.733	6.702	88467453	738.4E6	67.208m	78.267m
14) MA Endrin	5.991	6.924	68820398	455.8E6	59.602	67.532
15) B Endosulfa...	6.265	7.128	62793651	514.5E6	56.452	69.271m
16) A 4,4'-DDD	6.119	7.039	61166612	740.5E6	56.531	99.994m#
17) MA 4,4'-DDT	6.355	7.339	107.4E6	405.5E6	108.406m	55.411 #
18) B Endrin al...	6.436	7.253	62556066	411.7E6	72.808	71.704m
19) B Endosulfa...	6.646	7.477	96566805	437.2E6	83.773	59.302m#
20) A Methoxychlor	6.900	7.791	26607250	205.6E6	46.901m	57.667m
21) B Endrin ke...	7.140	7.954	77559306	490.8E6	58.203m	61.647
22) Mirex	7.324	8.420	52751823	318.0E6	52.462	59.521

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
Data File : PD070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2022 02:20
Operator : AR\AJ
Sample : N2986-07MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

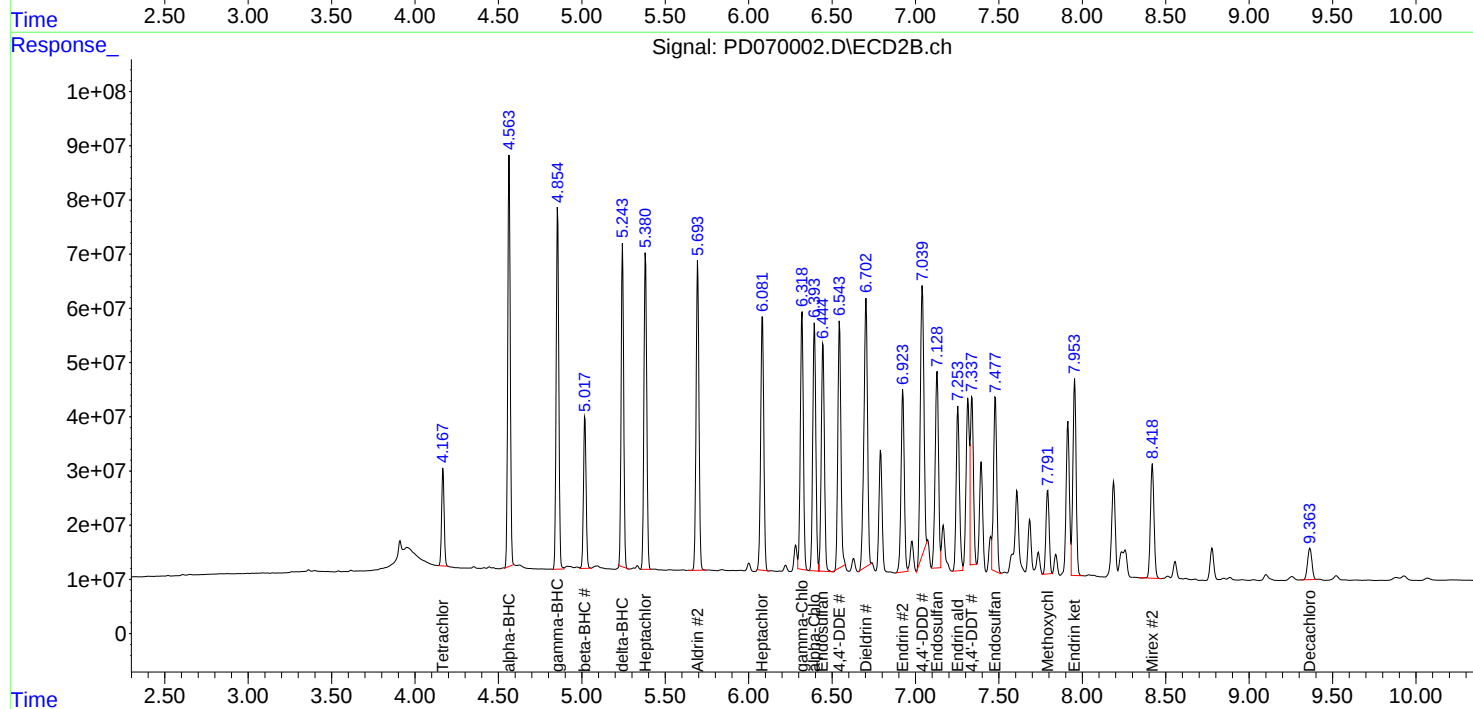
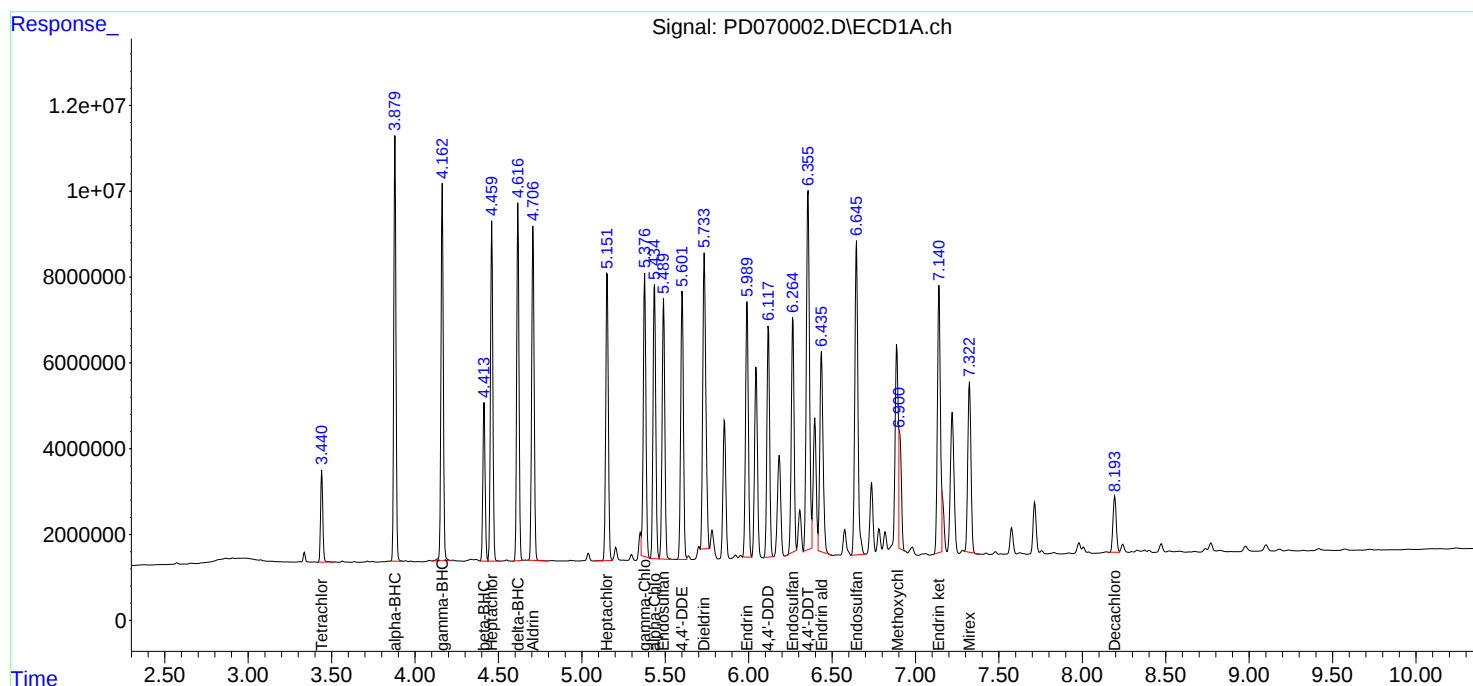
Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

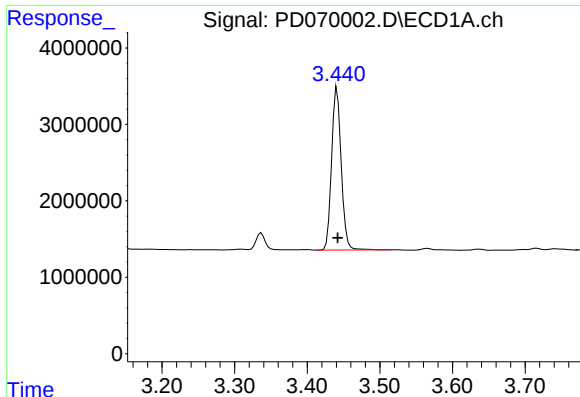
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 05:44:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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





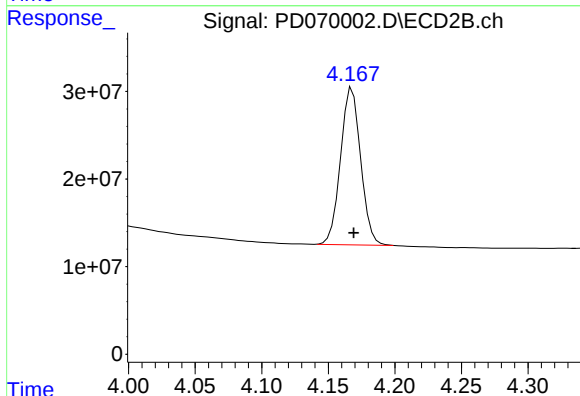
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 19654470
Conc: 18.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

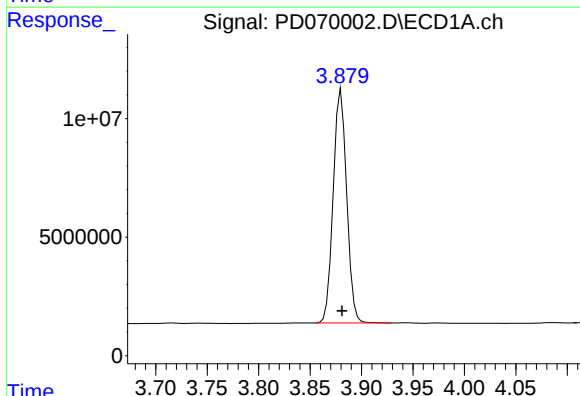
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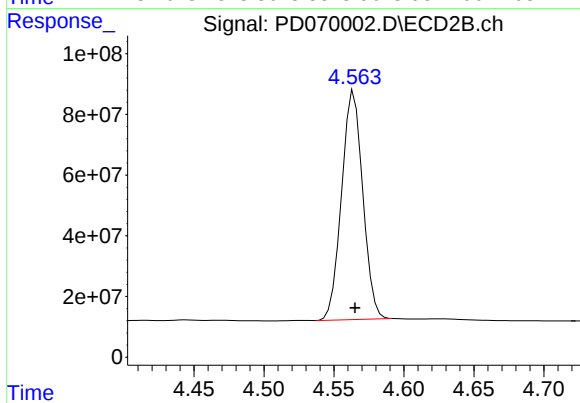
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: -0.001 min
Response: 188364417
Conc: 21.38 ng/ml



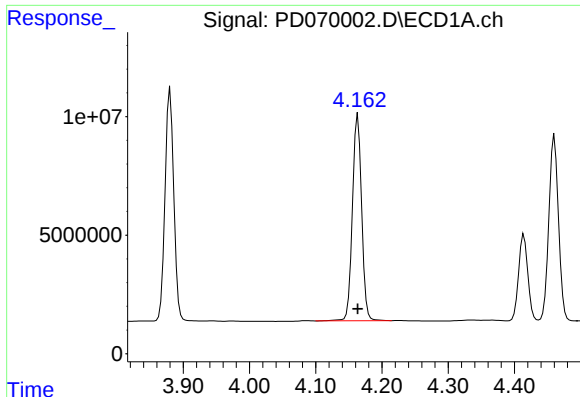
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 89850015
Conc: 54.83 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 795782898
Conc: 60.77 ng/ml



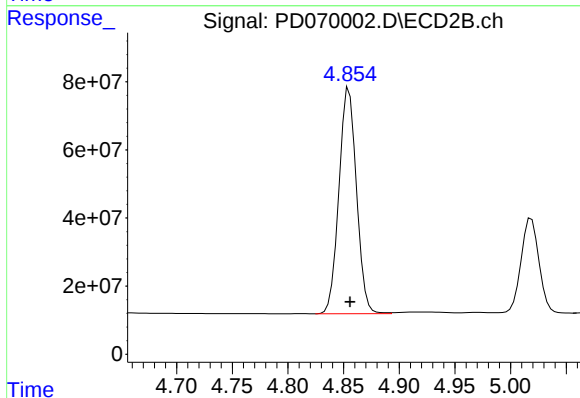
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 84055655
Conc: 48.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

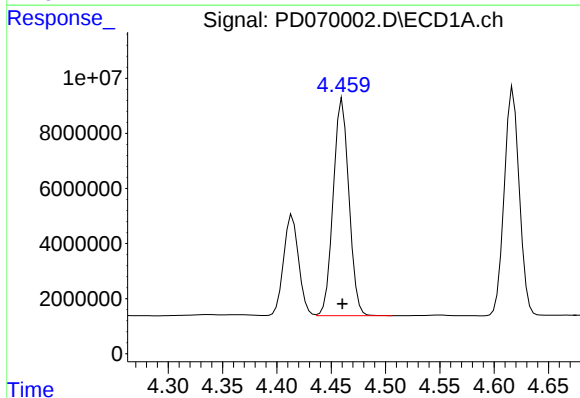
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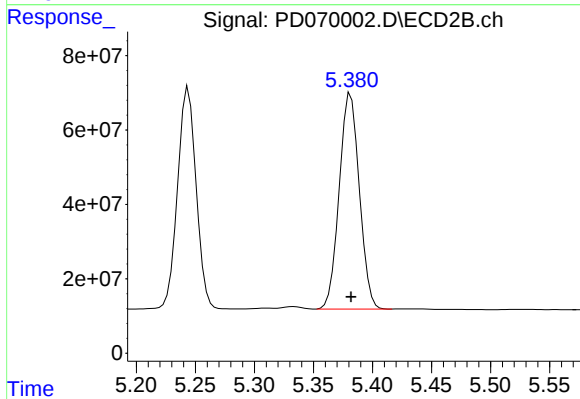
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 728023466
Conc: 59.02 ng/ml



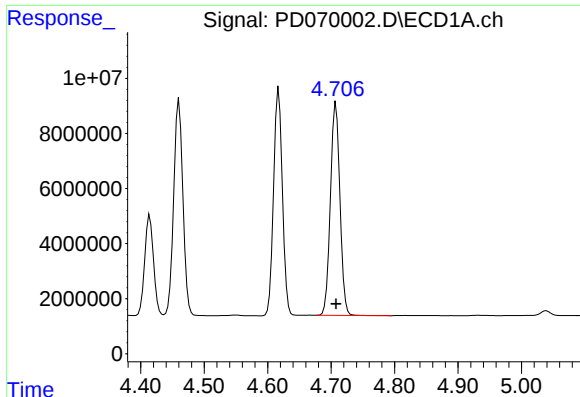
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 79256561
Conc: 53.09 ng/ml



#4 Heptachlor

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 687973338
Conc: 59.10 ng/ml



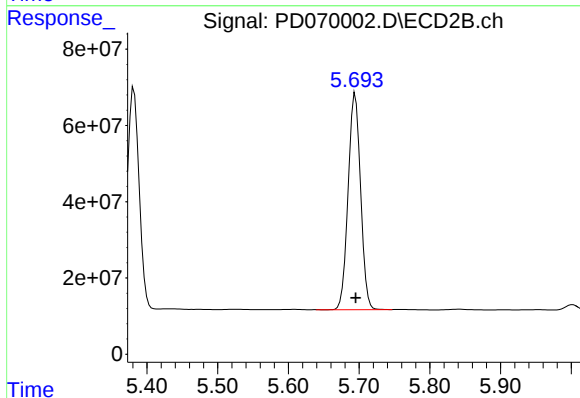
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 80325601
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

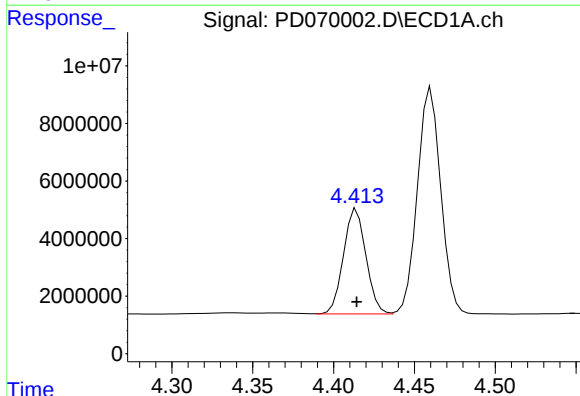
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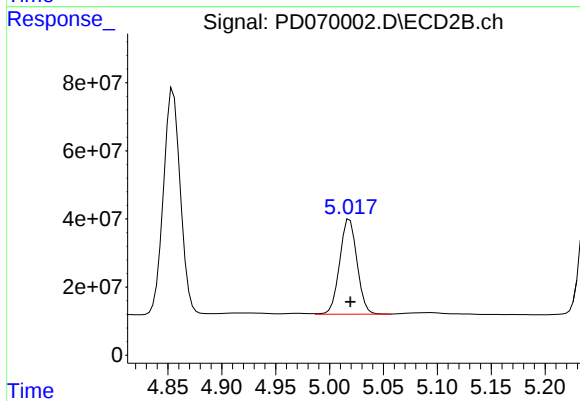
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 695237558
Conc: 60.27 ng/ml



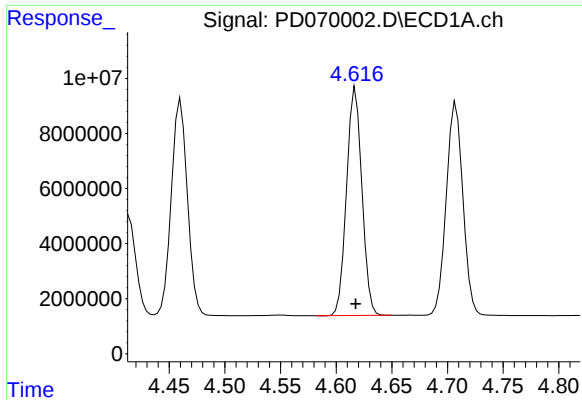
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 35350856
Conc: 50.79 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 312965899
Conc: 59.58 ng/ml



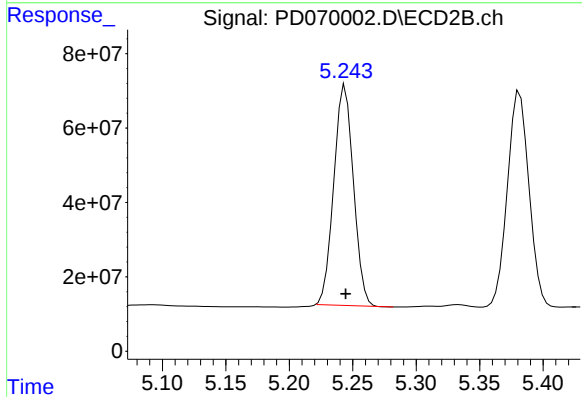
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 79474066
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

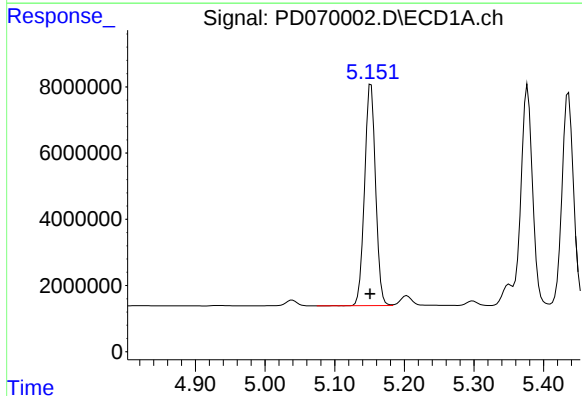
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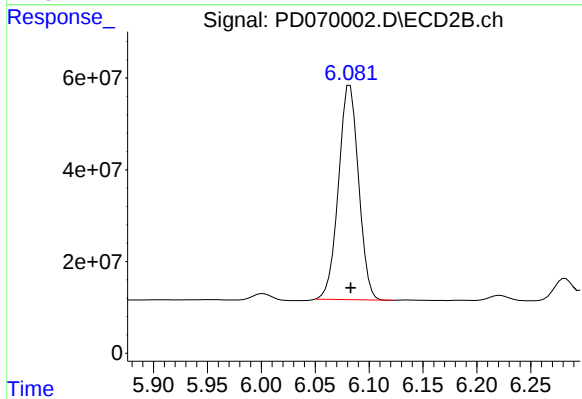
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 638583935
Conc: 67.13 ng/ml



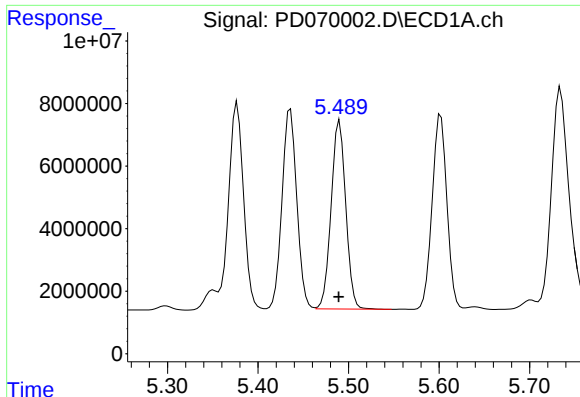
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.001 min
Response: 73542906
Conc: 55.07 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 607123074
Conc: 77.15 ng/ml



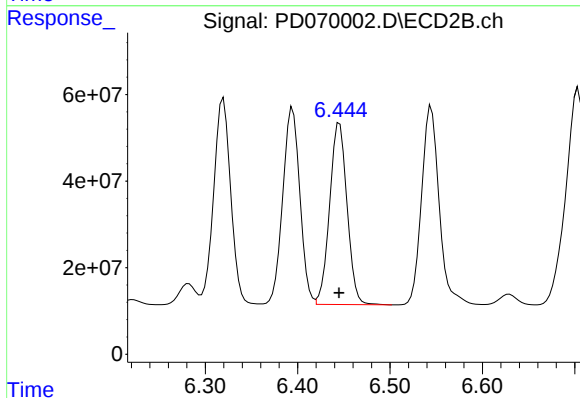
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 67798577
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

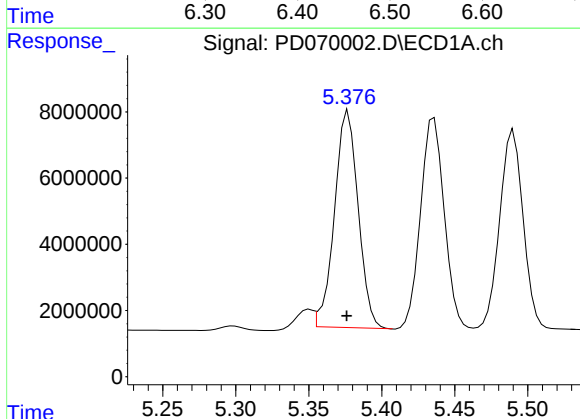
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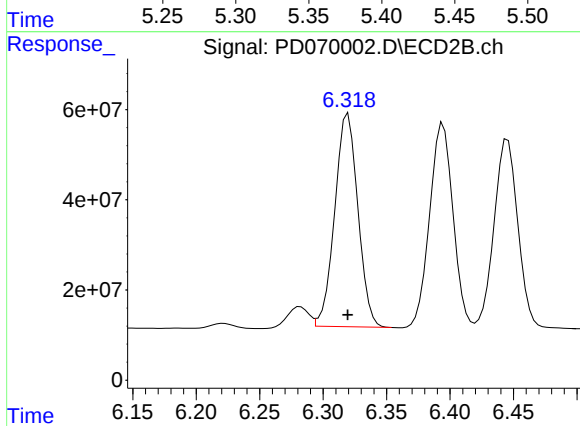
#9 Endosulfan I

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 545653464
Conc: 59.83 ng/ml



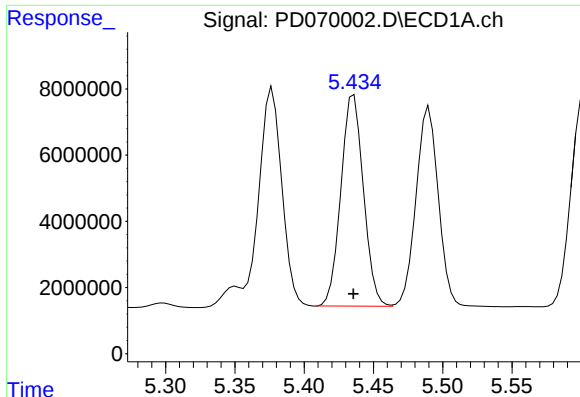
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 73479554
Conc: 54.30 ng/ml m



#10 gamma-Chlordane

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 598837476
Conc: 60.43 ng/ml m



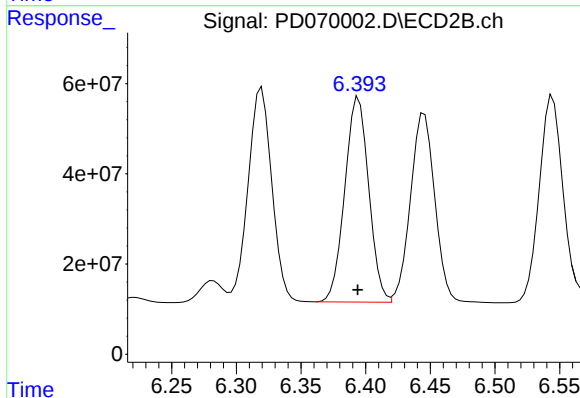
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 72370249
Conc: 54.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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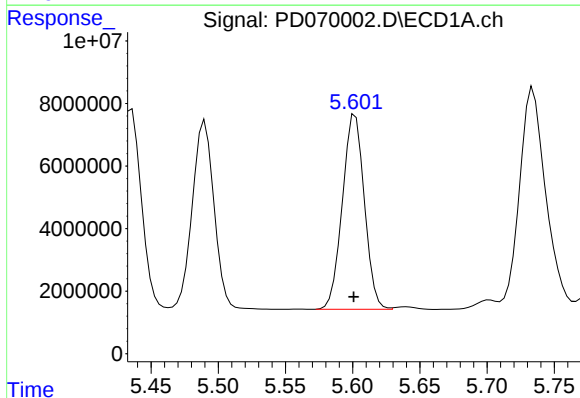
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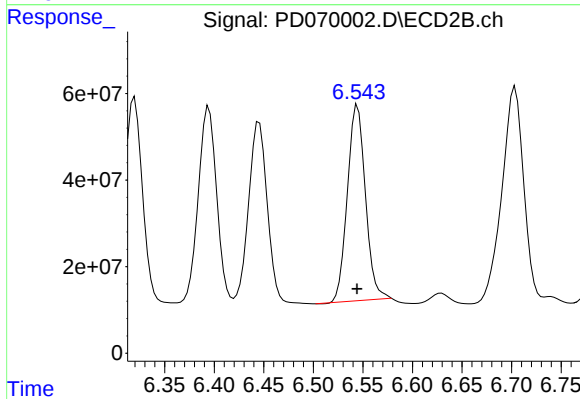
#11 alpha-Chlordane

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 584157621
Conc: 60.11 ng/ml



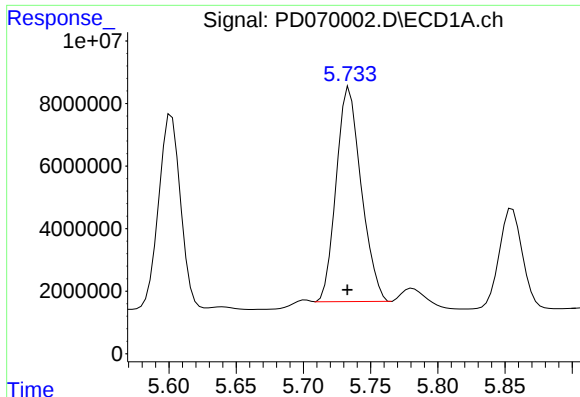
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 70834055
Conc: 55.91 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 574566248
Conc: 63.50 ng/ml



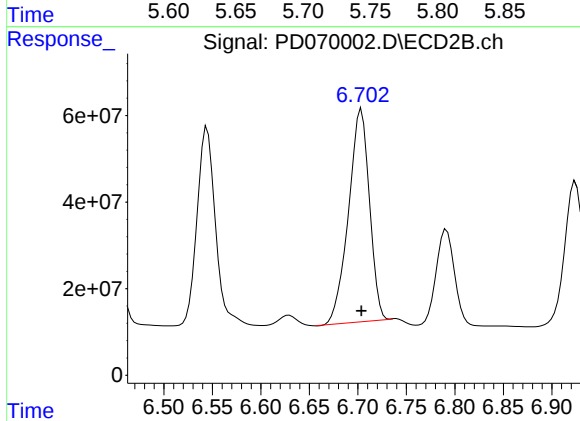
#13 Dieldrin

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 88467453
Conc: 67.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

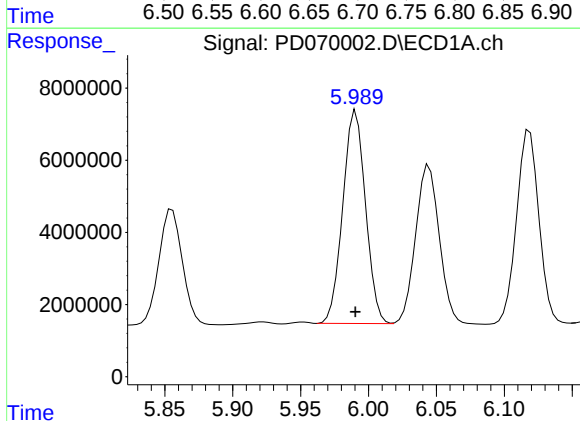
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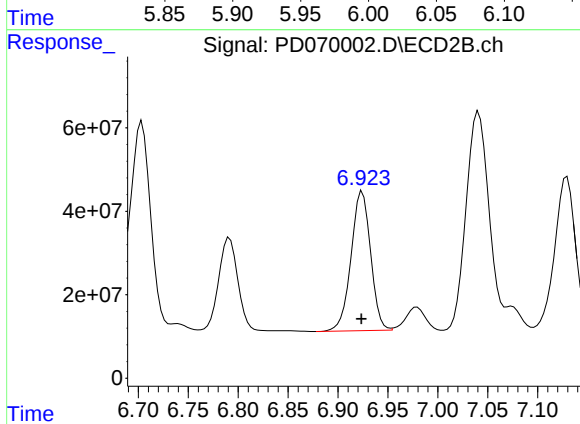
#13 Dieldrin

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 738396904
Conc: 78.27 ng/ml m



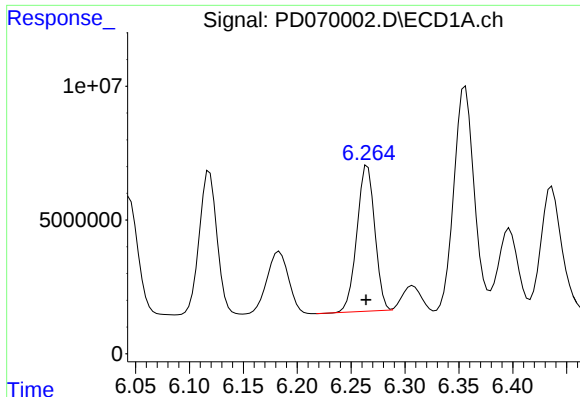
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 68820398
Conc: 59.60 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 455787800
Conc: 67.53 ng/ml



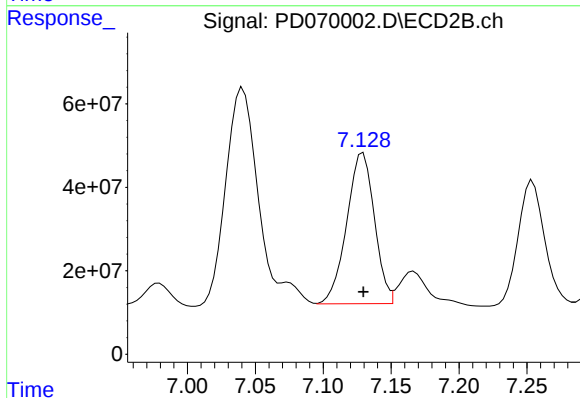
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 62793651
Conc: 56.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
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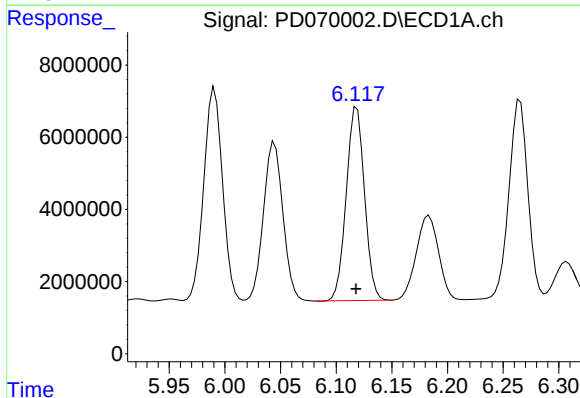
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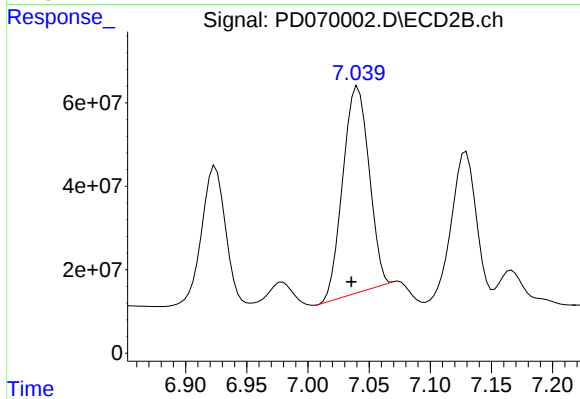
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 514537994
Conc: 69.27 ng/ml m



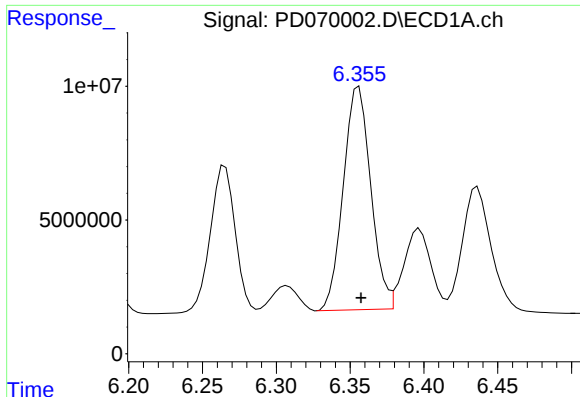
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 61166612
Conc: 56.53 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: 0.004 min
Response: 740485900
Conc: 99.99 ng/ml m



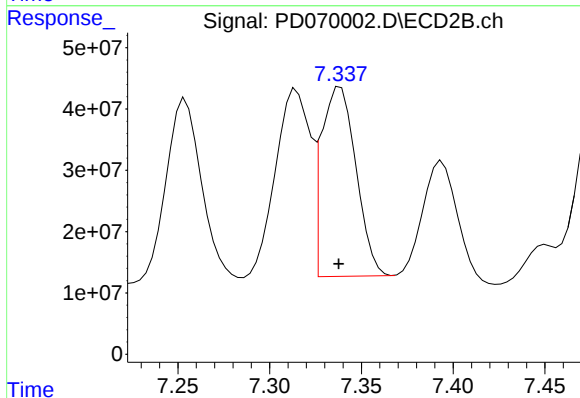
#17 4,4'-DDT

R.T.: 6.355 min
Delta R.T.: -0.003 min
Response: 107438081
Conc: 108.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

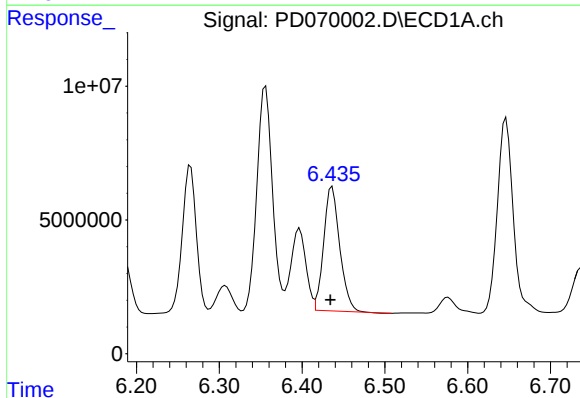
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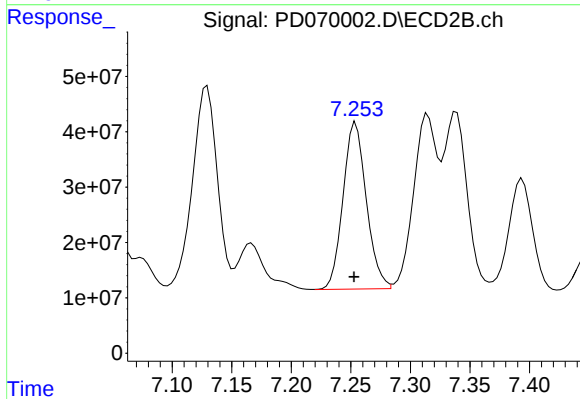
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 405501673
Conc: 55.41 ng/ml



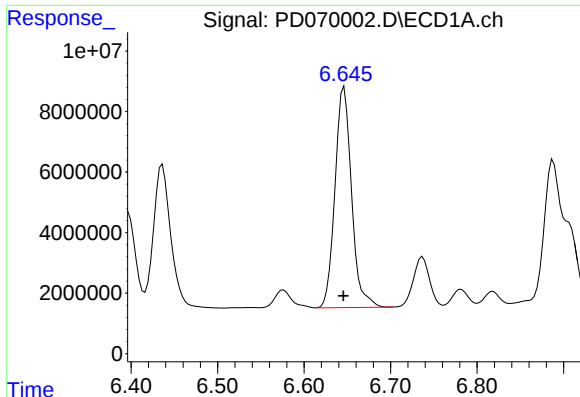
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 62556066
Conc: 72.81 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 411707025
Conc: 71.70 ng/ml m



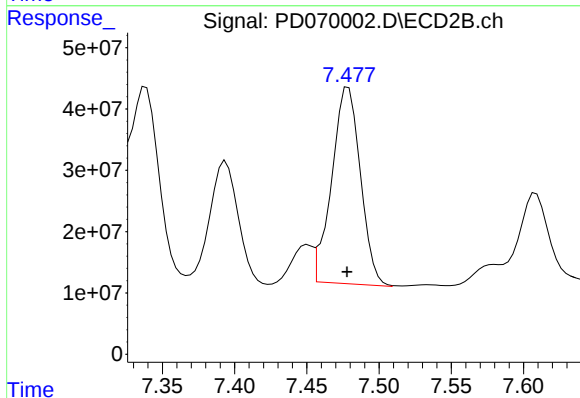
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 96566805
Conc: 83.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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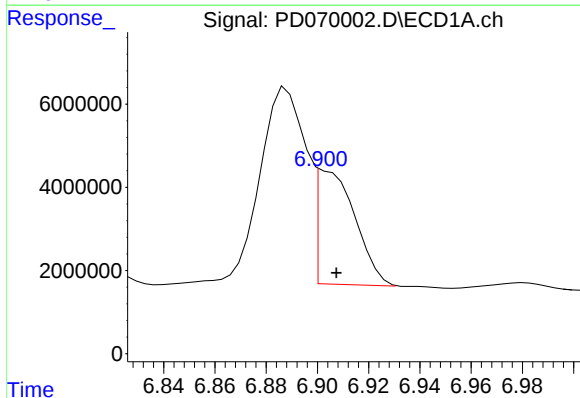
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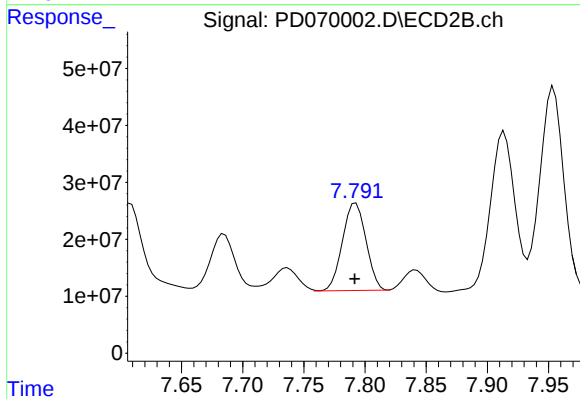
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 437237799
Conc: 59.30 ng/ml m



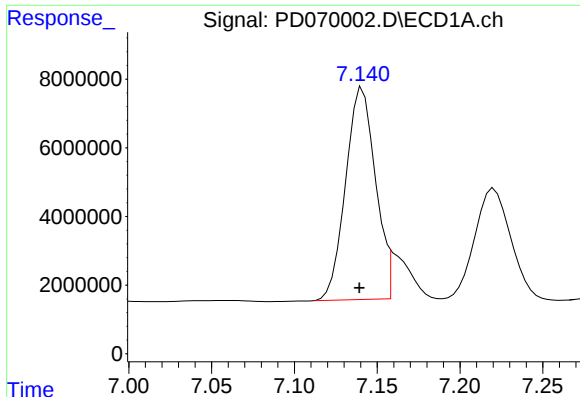
#20 Methoxychlor

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 26607250
Conc: 46.90 ng/ml m



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 205620226
Conc: 57.67 ng/ml m



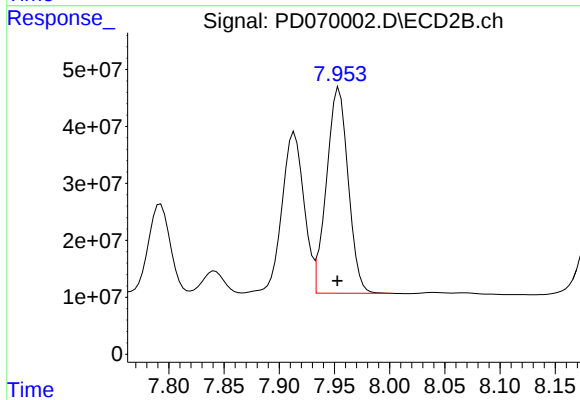
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 77559306
Conc: 58.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

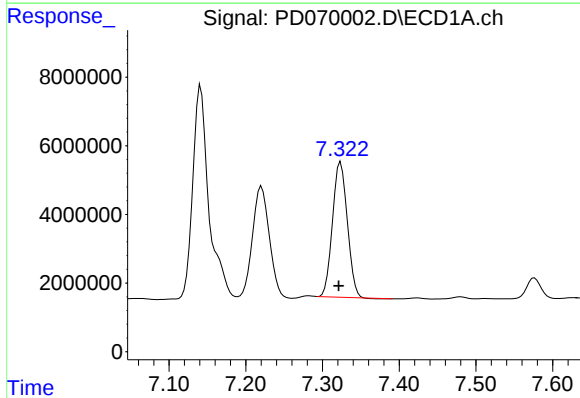
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022



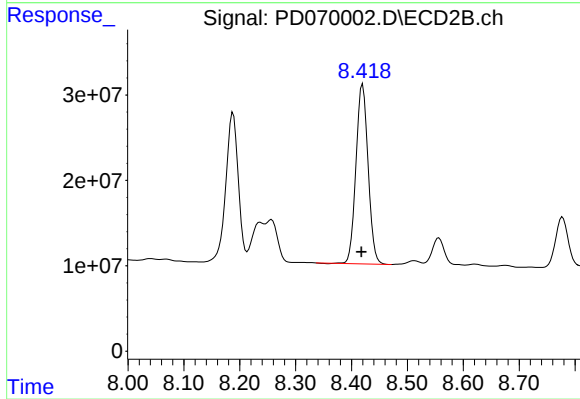
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.002 min
Response: 490784621
Conc: 61.65 ng/ml



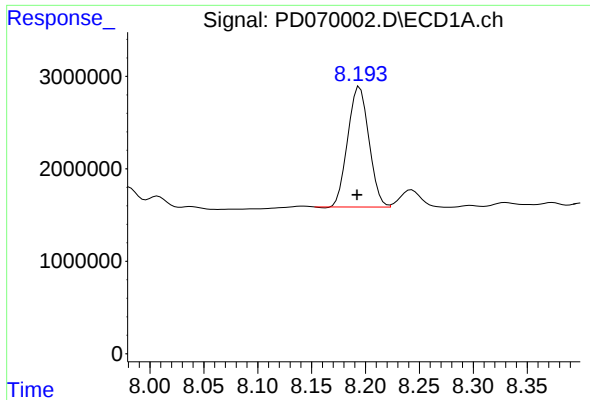
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.002 min
Response: 52751823
Conc: 52.46 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 317974466
Conc: 59.52 ng/ml



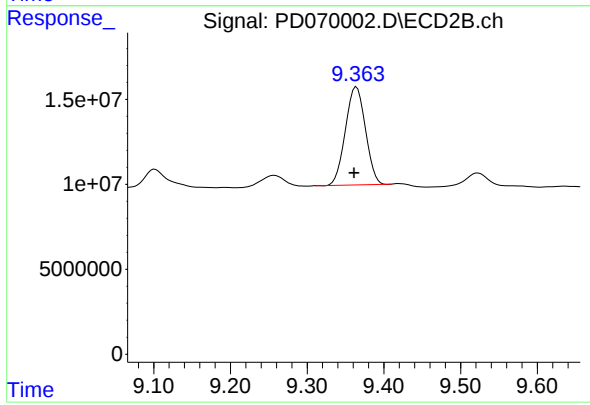
#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 17848535
Conc: 16.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
P027-SS001-1824-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 105336350
Conc: 19.48 ng/ml