

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 22:40
 Operator : AR\AJ
 Sample : 01445-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 JPP-26-020323MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/08/2023
 Supervised By :Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 03:48:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.554	2.776	36433596	18667434	15.587	14.663
2) SA Decachlor...	9.085f	7.930	86567382	24465480	30.719	21.028 #
Target Compounds						
2) A alpha-BHC	4.010	3.280	164.8E6	69363271	41.486	40.710
3) MA gamma-BHC...	4.342	3.611	157.3E6	94029295	42.836m	62.512 #
4) MA Heptachlor	4.935	3.952	163.0E6	62587531	43.906m	46.739
5) MB Aldrin	5.280	4.234	149.3E6	63113608	41.407	39.074
6) B beta-BHC	4.536	3.905	46481187	25215916	29.962m	38.049 #
7) B delta-BHC	4.787	4.137	137.8E6	65313702	40.946	42.730
8) B Heptachlo...	5.707	4.736	125.9E6	57109076	39.464	42.443
9) A Endosulfan I	6.093	5.109	123.4E6	32928417	40.171	24.490 #
10) B gamma-Chl...	5.961	4.988	135.0E6	56508394	40.999m	38.182
11) B alpha-Chl...	6.042	5.052	153.3E6	56763012	46.468	38.163
12) B 4,4'-DDE	6.214	5.242	99574266	57625120	32.968	43.186 #
13) MA Dieldrin	6.370	5.373	129.6E6	64490914	40.644	49.199m
14) MA Endrin	6.601	5.648	116.4E6	51405887	42.926	46.227
15) B Endosulfa...	6.816	5.942	205.1E6	49591139	77.462	42.581 #
16) A 4,4'-DDD	6.731	5.795	125.1E6	35676822	50.705	34.625m#
17) MA 4,4'-DDT	7.047	6.048	107.2E6	38346142	38.522m	37.228
18) B Endrin al...	6.948	6.121	89880232	34381254	41.433	38.981
19) B Endosulfa...	7.182	6.344	125.3E6	46860190	46.797	41.629
20) A Methoxychlor	7.521	6.626	40084579	15280918	25.876m	29.195
21) B Endrin ke...	7.669	6.849	71970666	51658240	23.801m	40.318m#
22) Mirex	8.147	7.036	63398926	33214679	27.591	31.626

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
Data File : PD073870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2023 22:40
Operator : AR\AJ
Sample : 01445-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

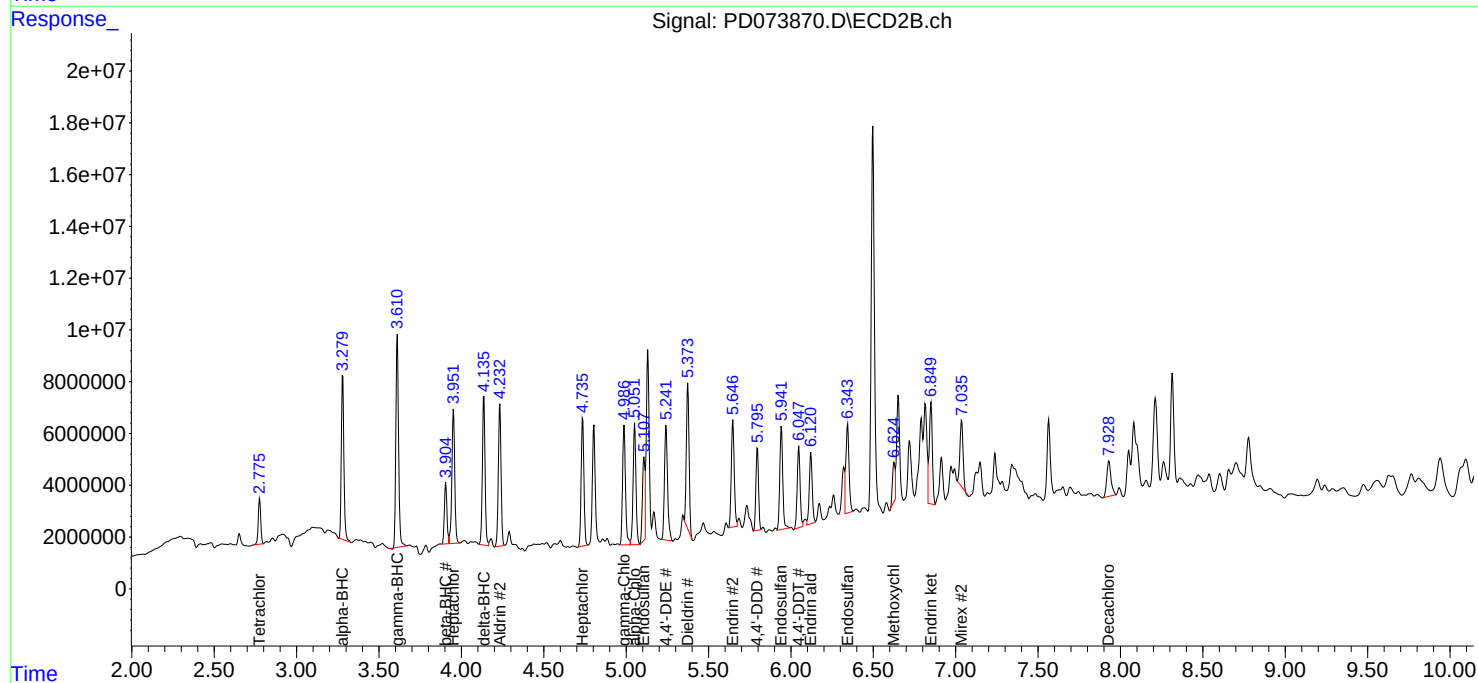
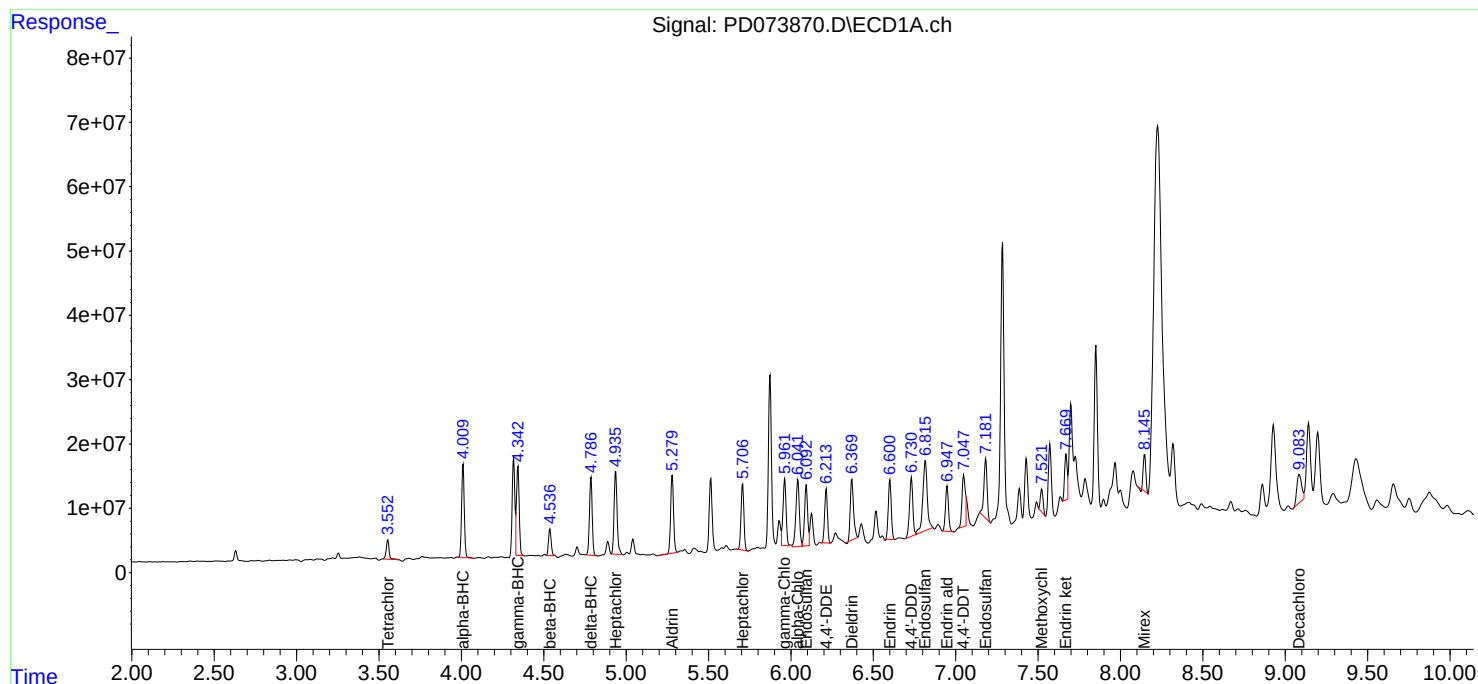
Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

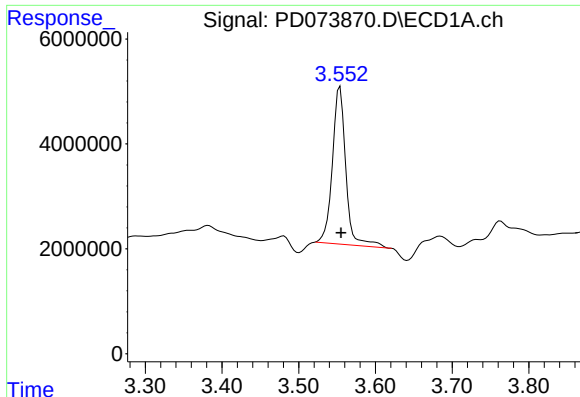
Manual Integrations
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Supervised By :Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 03:48:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
Quant Title : GC Extractables
QLast Update : Thu Jan 19 02:45:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





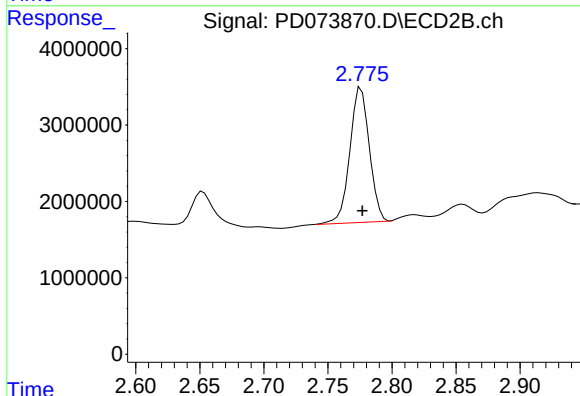
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 36433596
Conc: 15.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

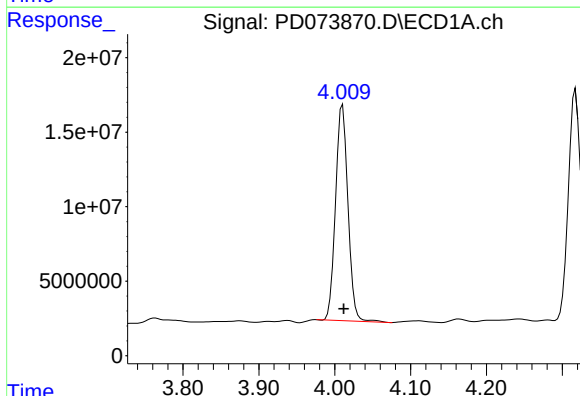
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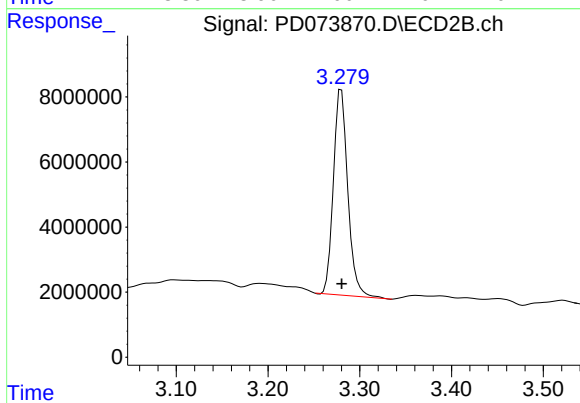
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 18667434
Conc: 14.66 ng/ml



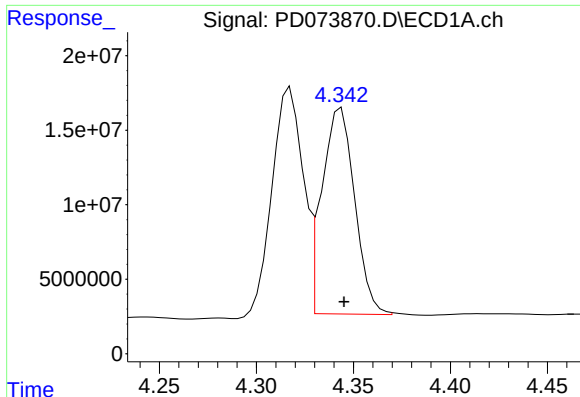
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.001 min
Response: 164775643
Conc: 41.49 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 69363271
Conc: 40.71 ng/ml



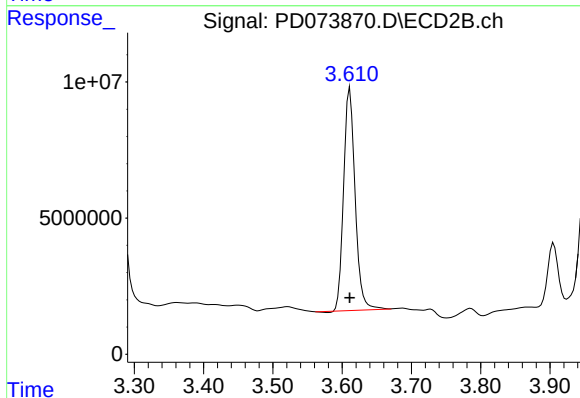
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: -0.003 min
Response: 157274877
Conc: 42.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

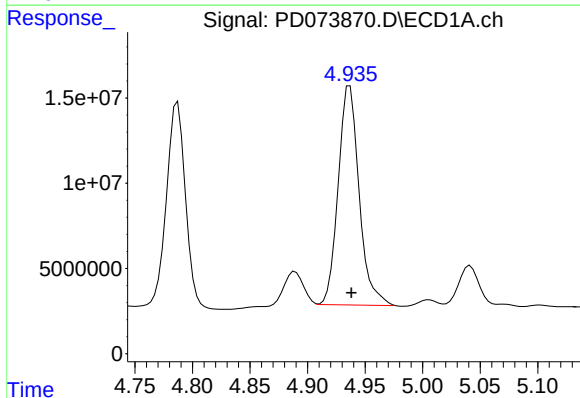
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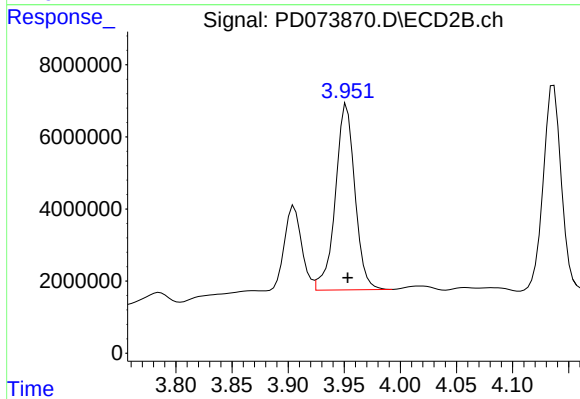
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 94029295
Conc: 62.51 ng/ml



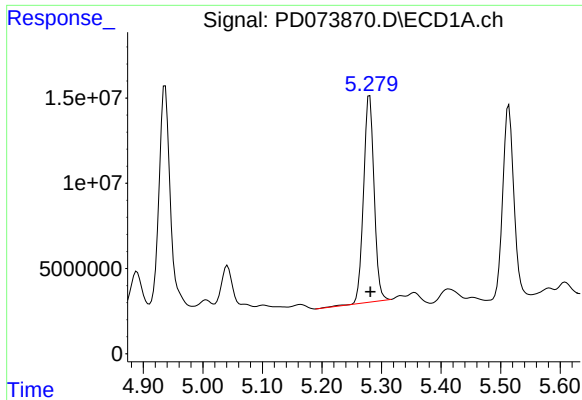
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 163040716
Conc: 43.91 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 62587531
Conc: 46.74 ng/ml



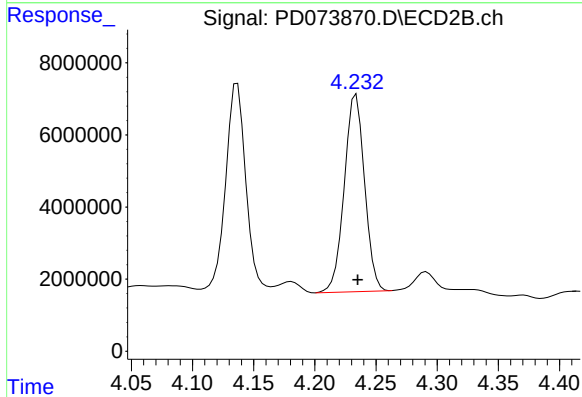
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 149263281
Conc: 41.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

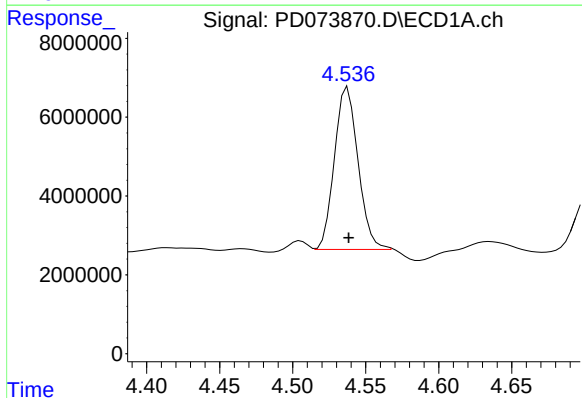
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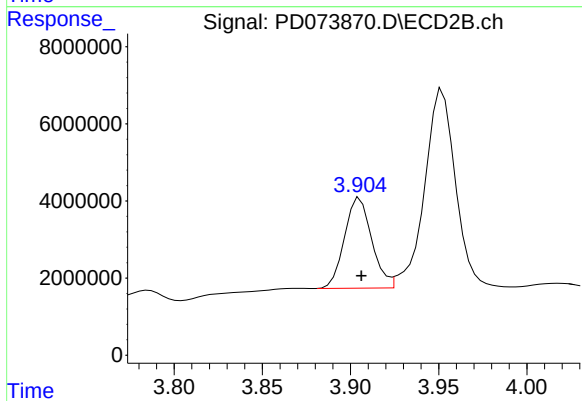
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.001 min
Response: 63113608
Conc: 39.07 ng/ml



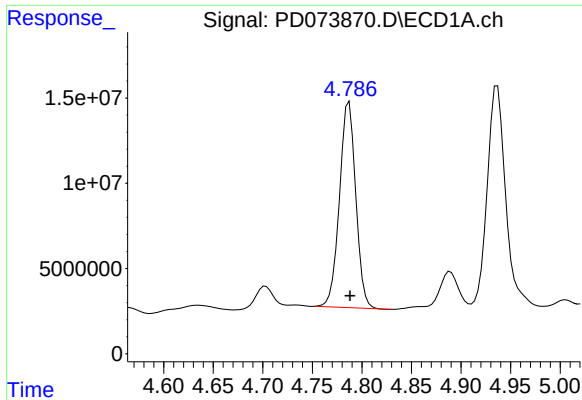
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 46481187
Conc: 29.96 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 25215916
Conc: 38.05 ng/ml



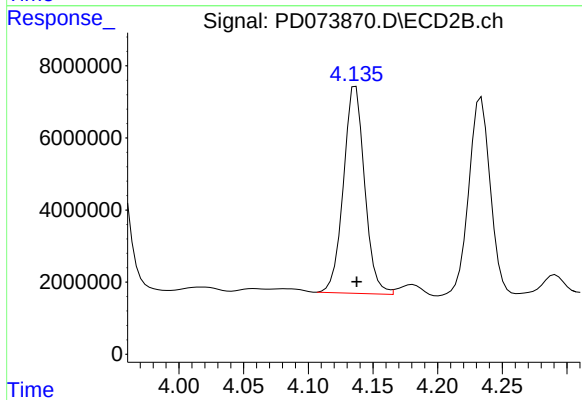
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 137786863
Conc: 40.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

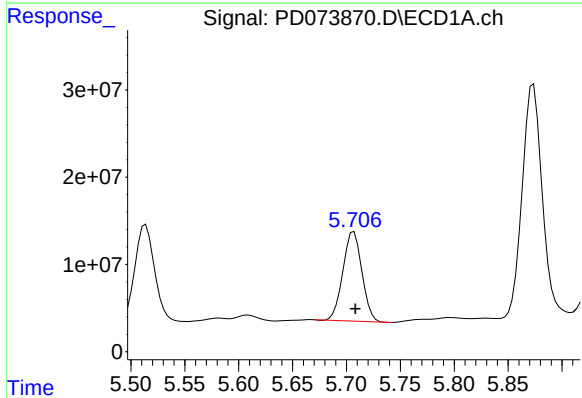
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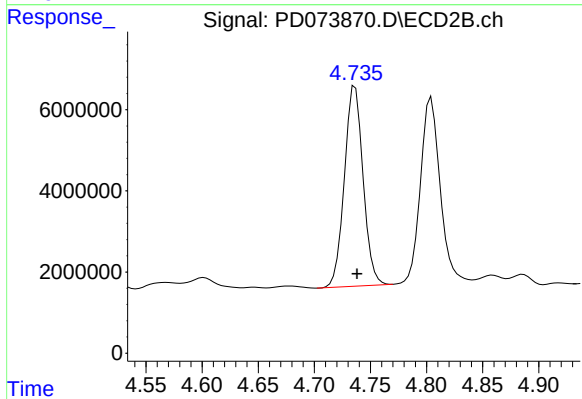
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 65313702
Conc: 42.73 ng/ml



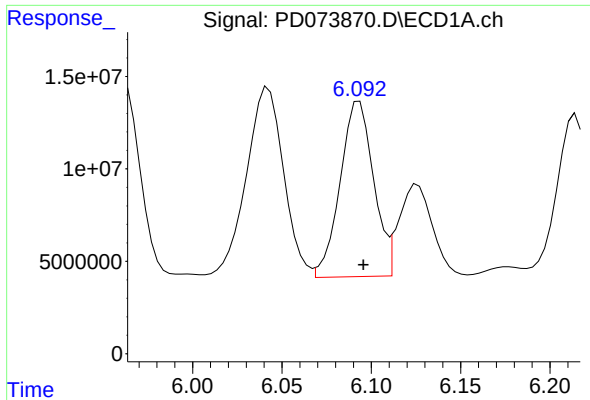
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 125945225
Conc: 39.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 57109076
Conc: 42.44 ng/ml



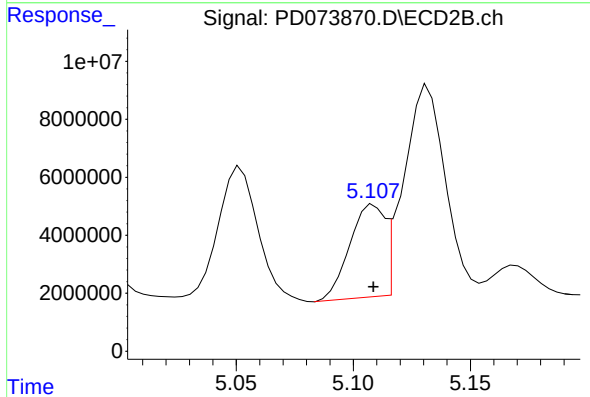
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 123352065
Conc: 40.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

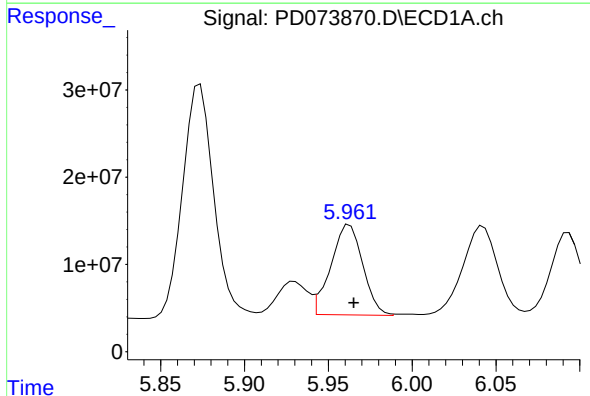
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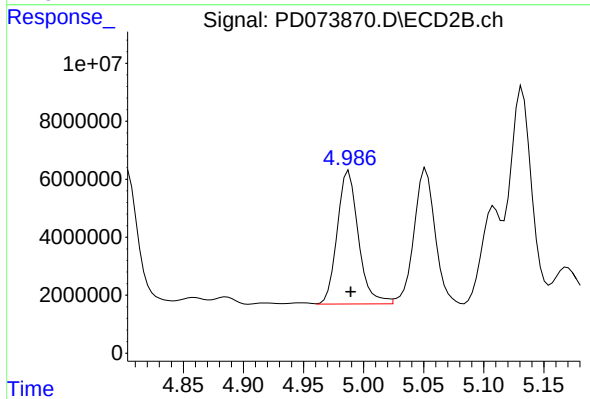
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 32928417
Conc: 24.49 ng/ml



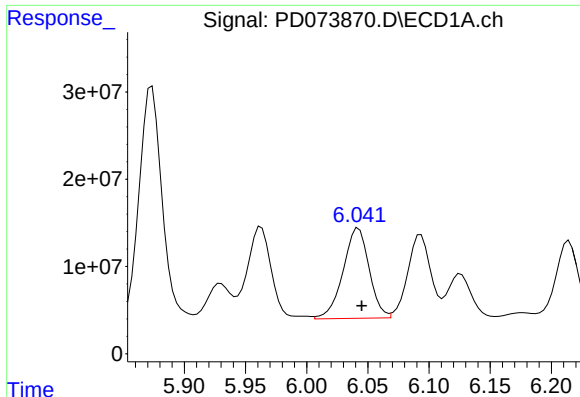
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 134987018
Conc: 41.00 ng/ml m



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 56508394
Conc: 38.18 ng/ml



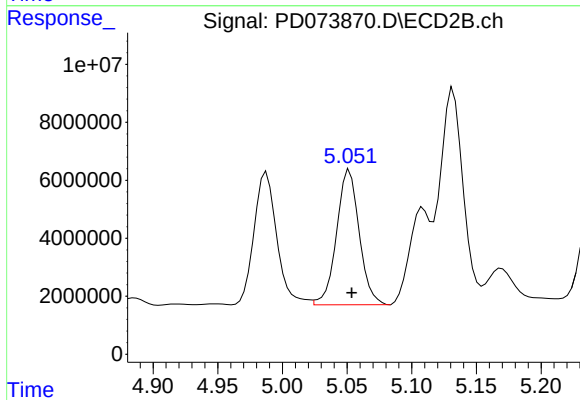
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 153290060
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

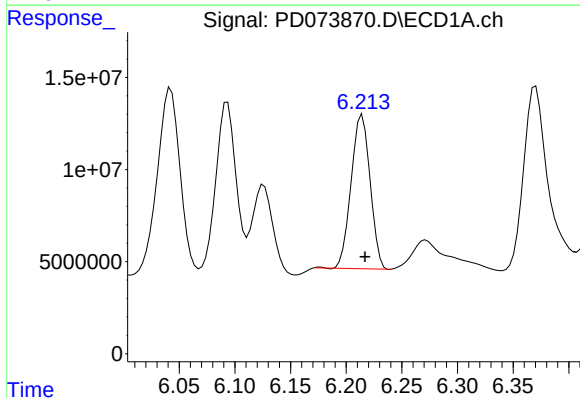
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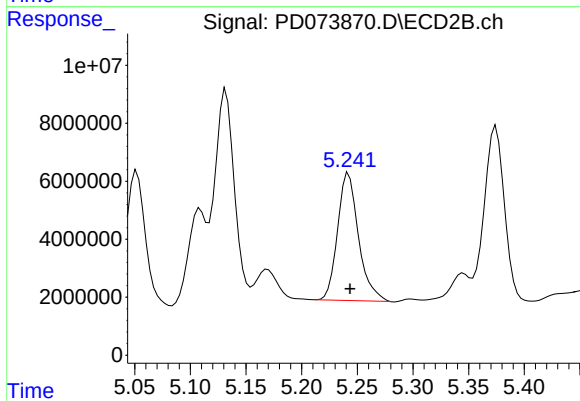
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 56763012
Conc: 38.16 ng/ml



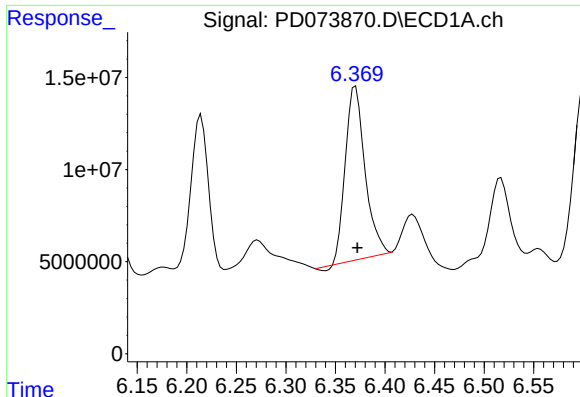
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 99574266
Conc: 32.97 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 57625120
Conc: 43.19 ng/ml



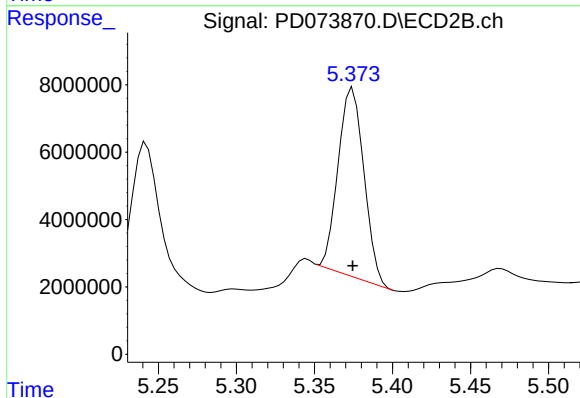
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 129594426
Conc: 40.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

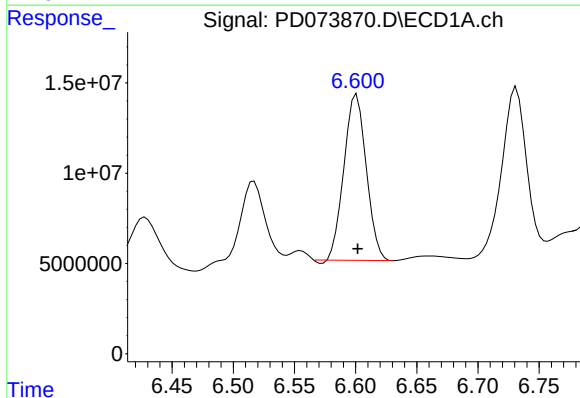
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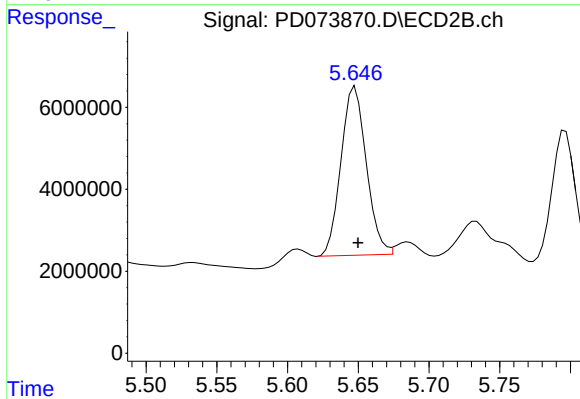
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.001 min
Response: 64490914
Conc: 49.20 ng/ml m



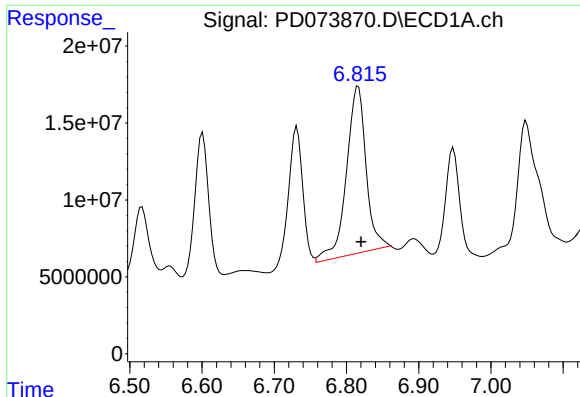
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 116372798
Conc: 42.93 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 51405887
Conc: 46.23 ng/ml



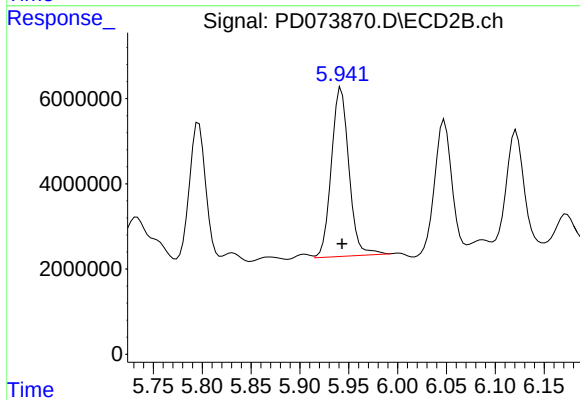
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: -0.004 min
Response: 205127927
Conc: 77.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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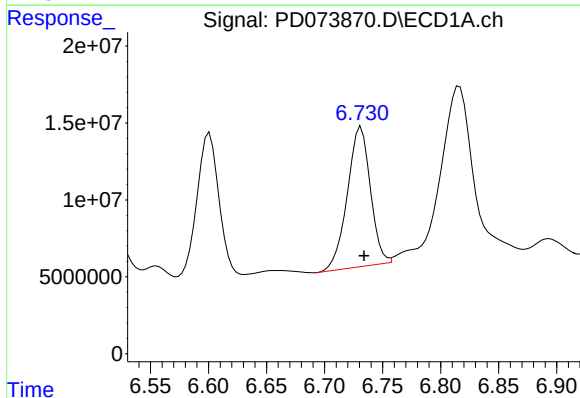
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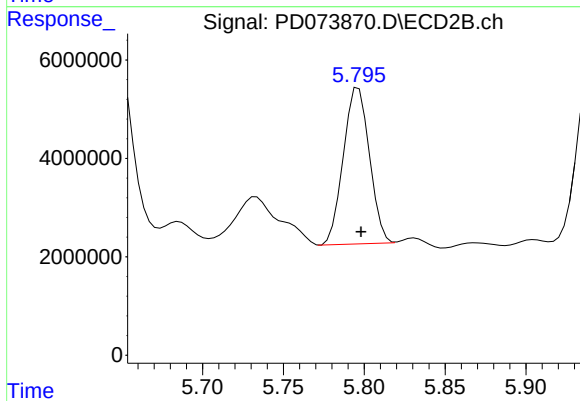
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 49591139
Conc: 42.58 ng/ml



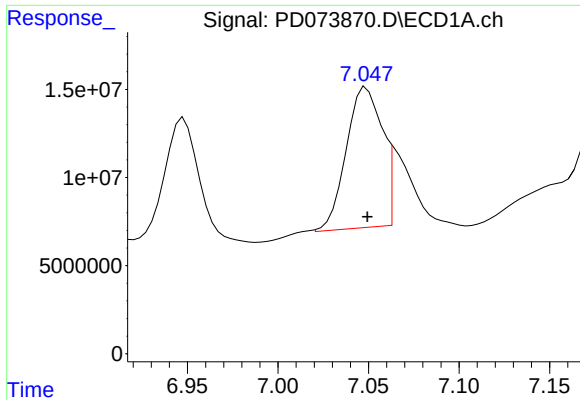
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 125053753
Conc: 50.70 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: -0.003 min
Response: 35676822
Conc: 34.63 ng/ml m



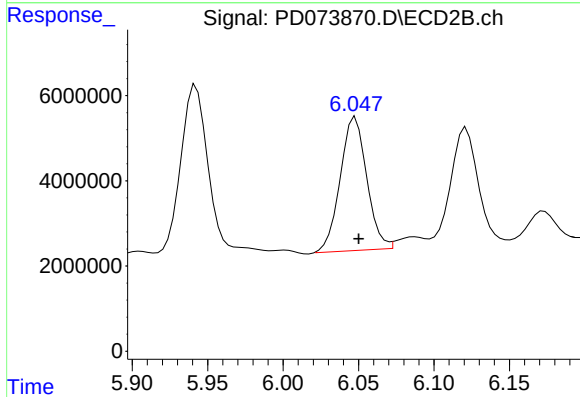
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 107248936
Conc: 38.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

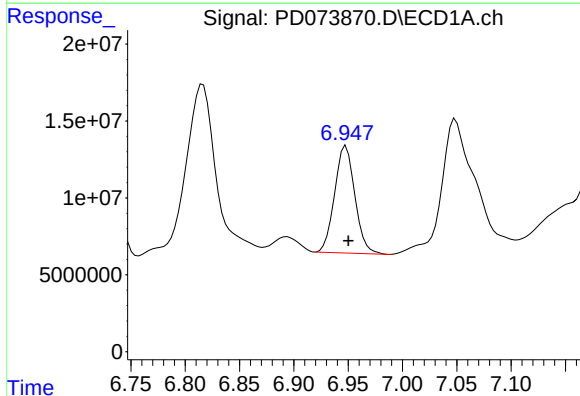
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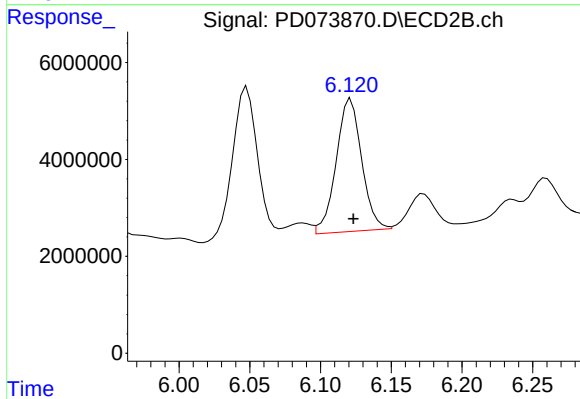
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 38346142
Conc: 37.23 ng/ml



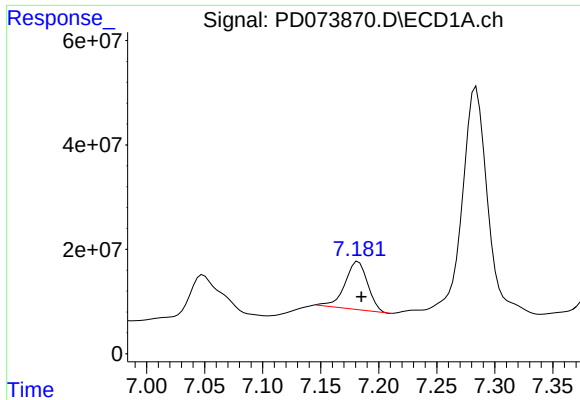
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 89880232
Conc: 41.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 34381254
Conc: 38.98 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 125301967
Conc: 46.80 ng/ml

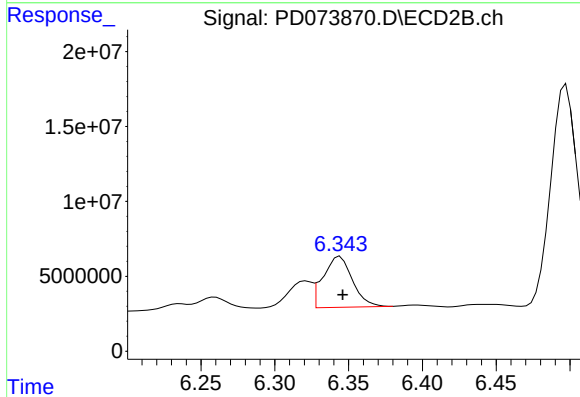
Instrument :

ECD_D

ClientSampleId :
JPP-26-020323MSD

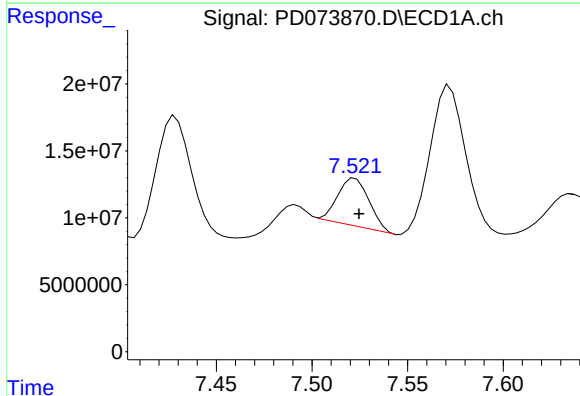
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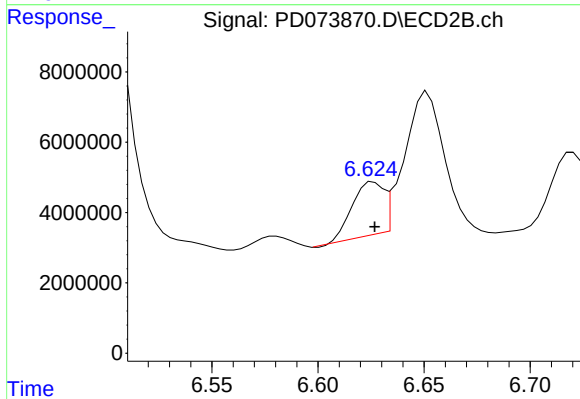
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 46860190
Conc: 41.63 ng/ml



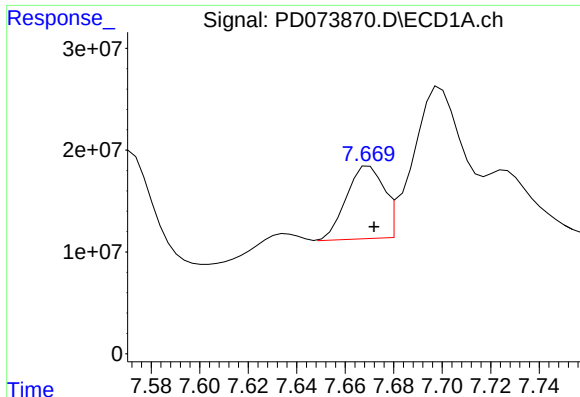
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 40084579
Conc: 25.88 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 15280918
Conc: 29.20 ng/ml



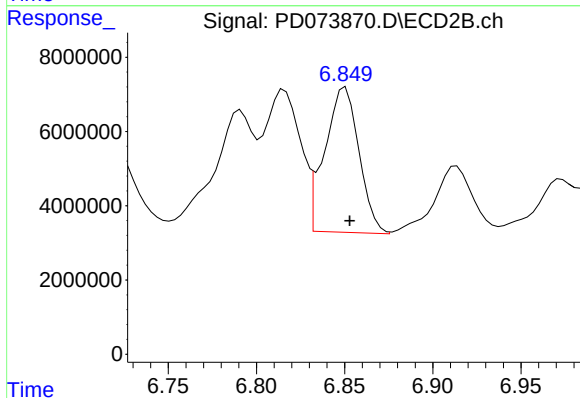
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: -0.003 min
Response: 71970666
Conc: 23.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

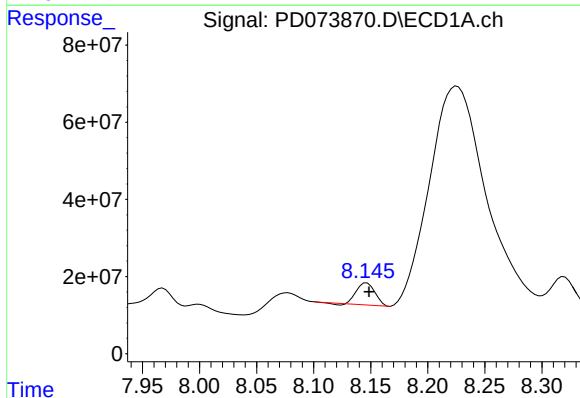
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/08/2023
Supervised By :Ankita Jodhani 02/08/2023



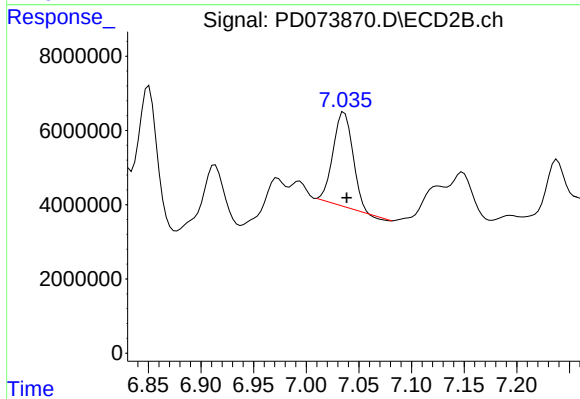
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.004 min
Response: 51658240
Conc: 40.32 ng/ml m



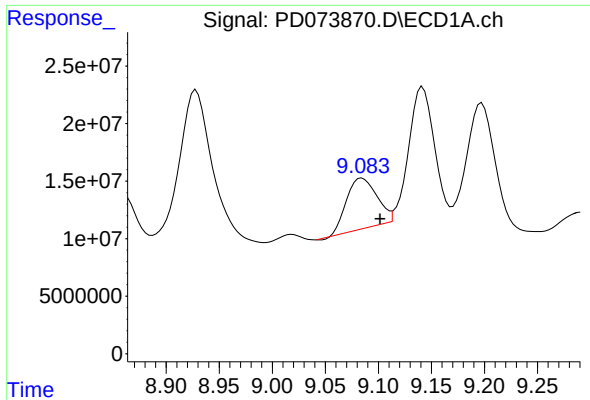
#22 Mirex

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 63398926
Conc: 27.59 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 33214679
Conc: 31.63 ng/ml



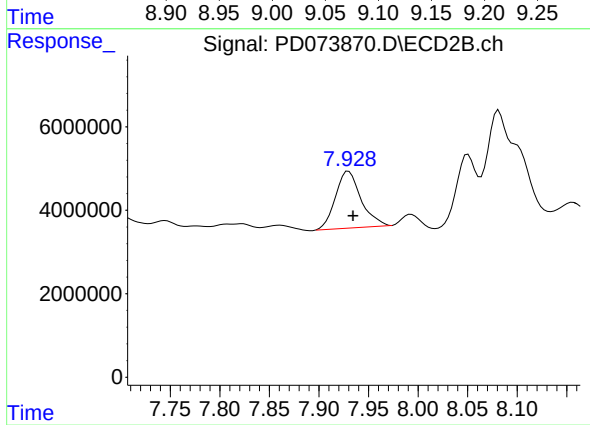
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.017 min
Response: 86567382
Conc: 30.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MSD

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#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 24465480
Conc: 21.03 ng/ml