

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 15:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2022
 Supervised By : Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:20:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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...	2.694	3.455	118.4E6	4311.8E6	56.510	43.843
28)	SA Decachlor...	7.820	8.902	135.5E6	915.0E6	55.982	51.906
Target Compounds							
2)	A alpha-BHC	3.197	3.919	206.9E6	5662.4E6	59.812	42.365 #
3)	MA gamma-BHC...	3.527	4.253	157.9E6	4304.6E6	57.412	43.626
4)	MA Heptachlor	3.859	4.818	179.3E6	2835.1E6	57.321	44.489
5)	MB Aldrin	4.137	5.156	176.1E6	2480.3E6	56.828	45.014
6)	B beta-BHC	3.829	4.468	69724521	1533.9E6	54.906	45.267
7)	B delta-BHC	4.058	4.712	181.1E6	2992.8E6	57.511	45.105
8)	B Heptachlo...	4.642	5.588	156.6E6	2136.9E6	56.483	47.935
9)	A Endosulfan I	5.011	5.973	148.6E6	1929.0E6	56.134	46.464
10)	B gamma-Chl...	4.891	5.840	159.0E6	2031.5E6	55.712	45.449m
11)	B alpha-Chl...	4.954	5.917	158.3E6	2012.5E6	56.203	45.988
12)	B 4,4'-DDE	5.142	6.091	157.3E6	2007.8E6	58.074	47.510
13)	MA Dieldrin	5.277	6.248	158.7E6	2058.0E6	56.249	48.988m
14)	MA Endrin	5.553	6.481	146.0E6	1441.5E6	56.876	43.877
15)	B Endosulfa...	5.850	6.712	131.7E6	1496.3E6	55.731m	47.103
16)	A 4,4'-DDD	5.700	6.615	130.9E6	1467.1E6	58.017	46.956
17)	MA 4,4'-DDT	5.947	6.923	132.5E6	1547.7E6	59.815m	51.215
18)	B Endrin al...	6.033	6.842	102.8E6	1159.4E6	54.607	49.458
19)	B Endosulfa...	6.256	7.075	133.4E6	1390.3E6	56.132	50.814
20)	A Methoxychlor	6.532	7.403	75793184	710.9E6	56.867	52.520
21)	B Endrin ke...	6.765	7.564	159.0E6	1432.3E6	58.529m	52.166
22)	Mirex	6.930	8.011	115.0E6	890.7E6	55.307	50.923

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

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 Acq On : 20 Dec 2022 15:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

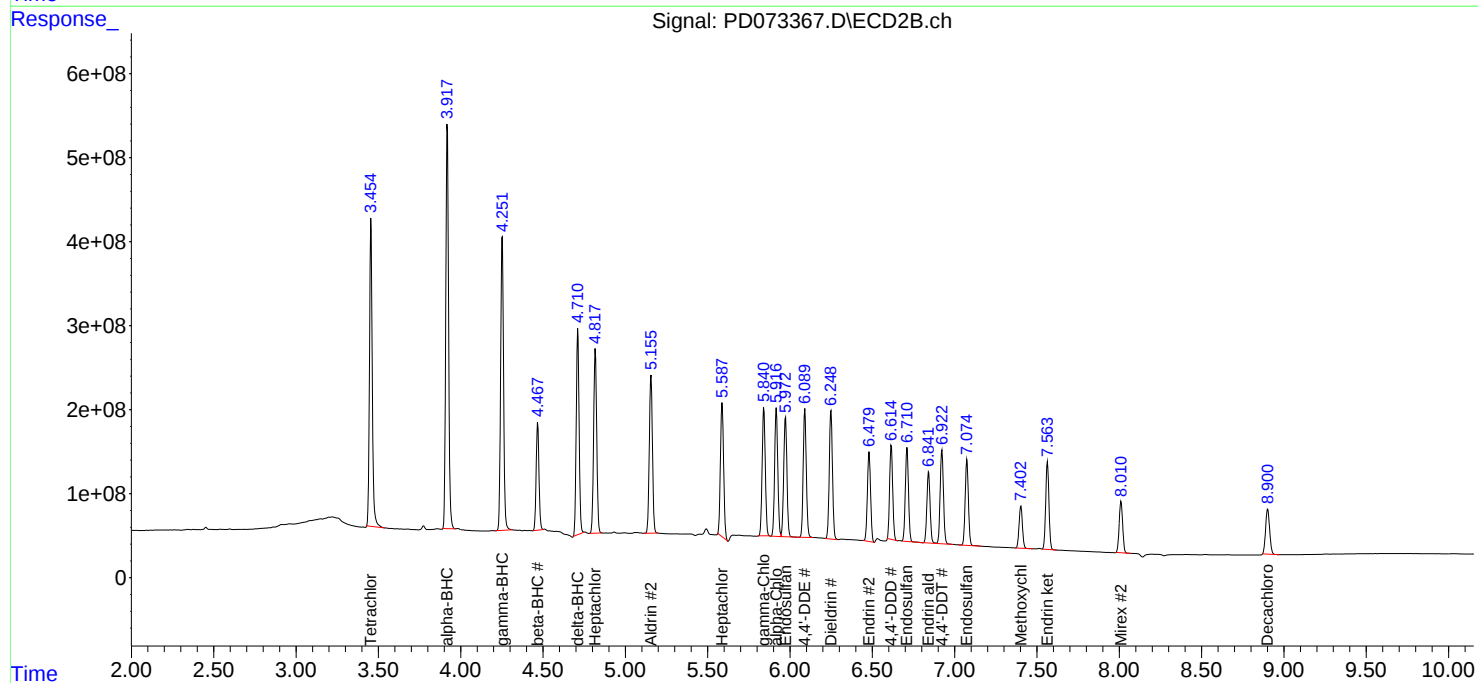
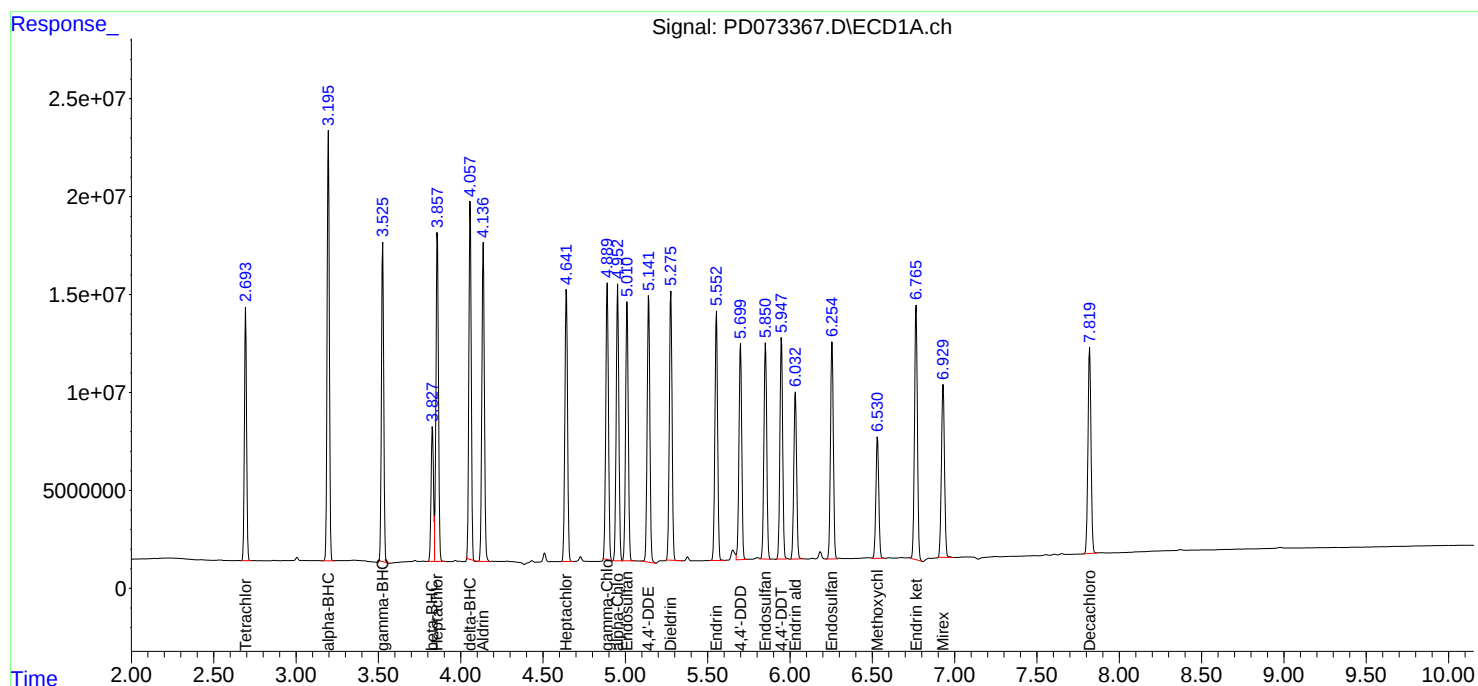
Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

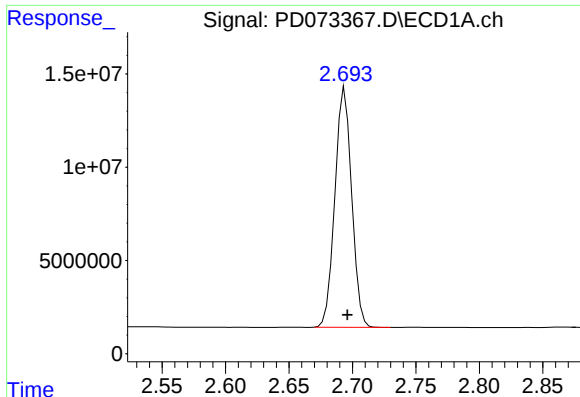
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:20:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
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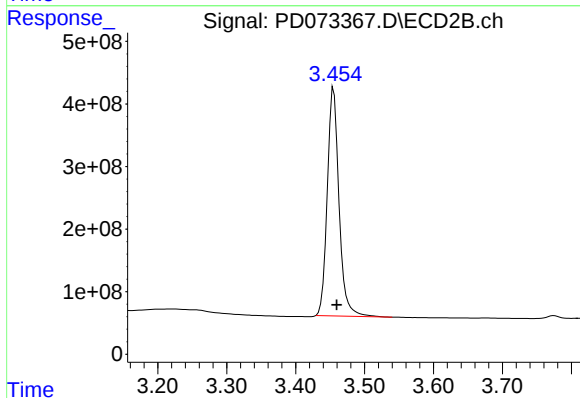
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 118435025
Conc: 56.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

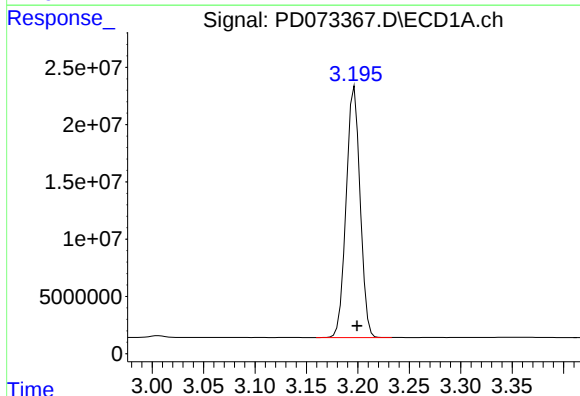
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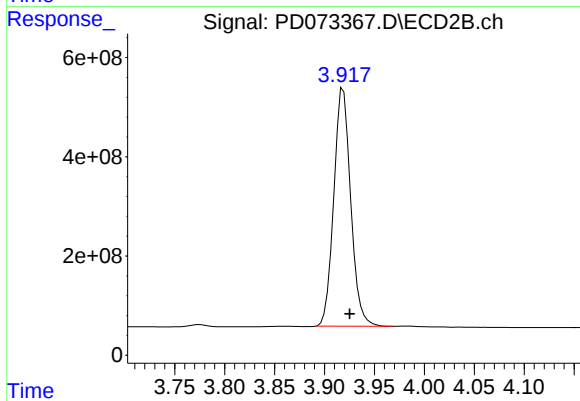
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 4311848804
Conc: 43.84 ng/ml



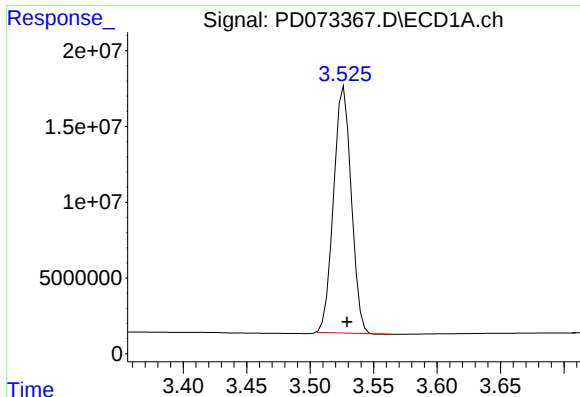
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 206883657
Conc: 59.81 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.007 min
Response: 5662438619
Conc: 42.37 ng/ml



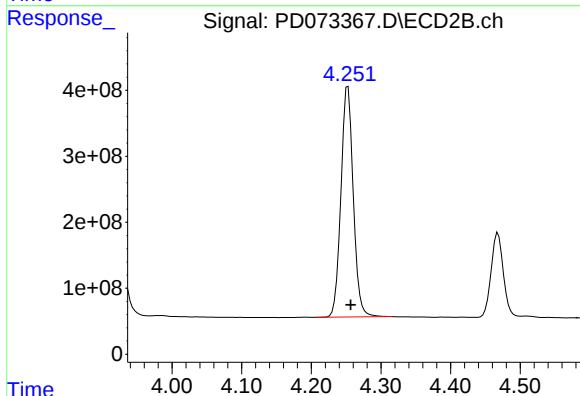
#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 157866227
Conc: 57.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

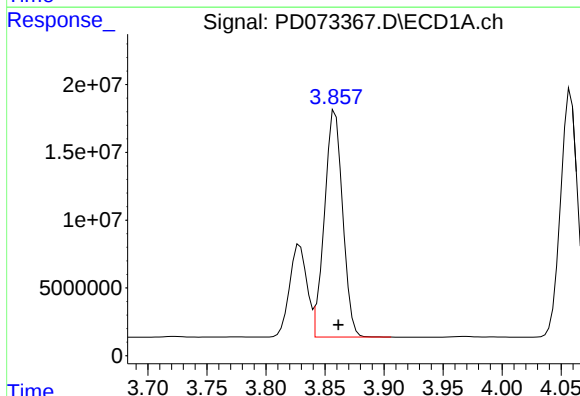
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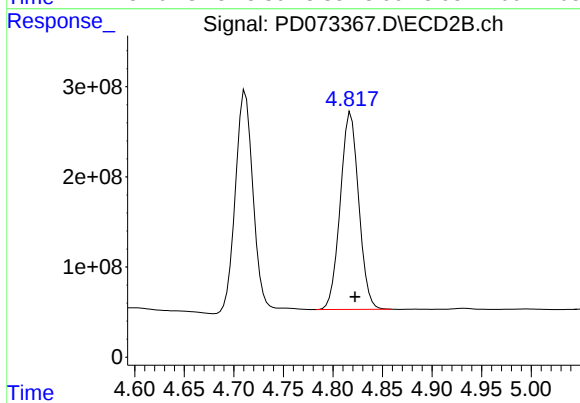
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 4304582783
Conc: 43.63 ng/ml



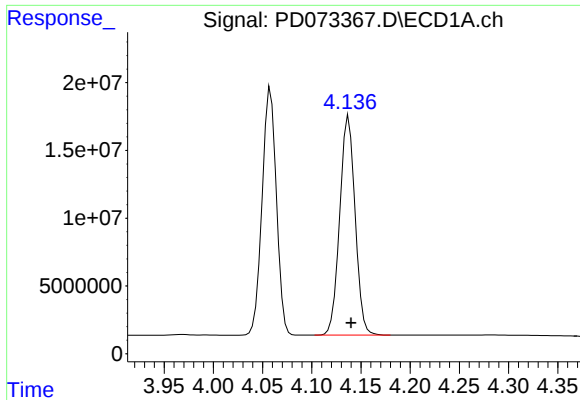
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 179313885
Conc: 57.32 ng/ml



#4 Heptachlor

R.T.: 4.818 min
Delta R.T.: -0.004 min
Response: 2835087516
Conc: 44.49 ng/ml



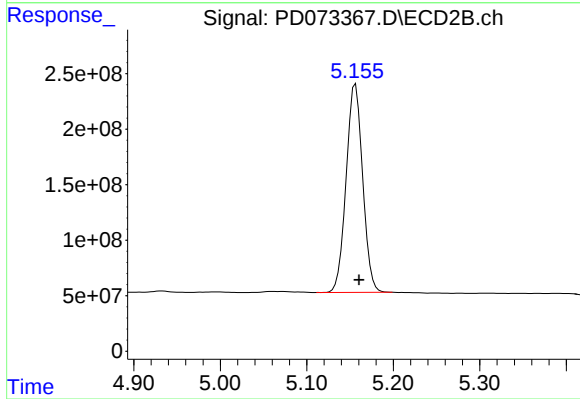
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 176060898
Conc: 56.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

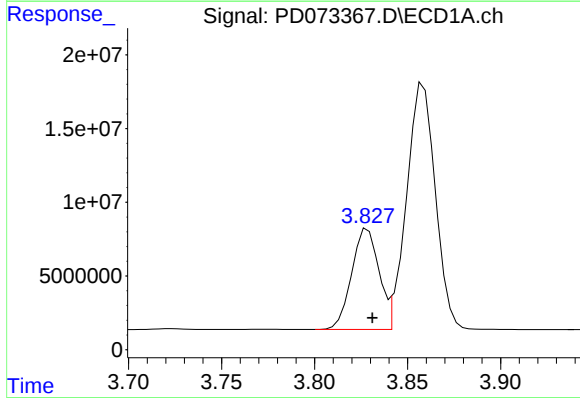
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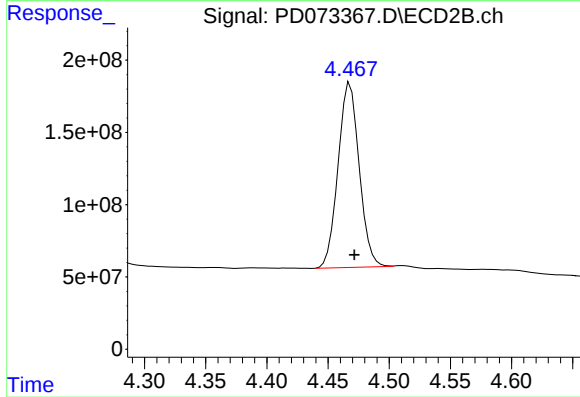
#5 Aldrin

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 2480252216
Conc: 45.01 ng/ml



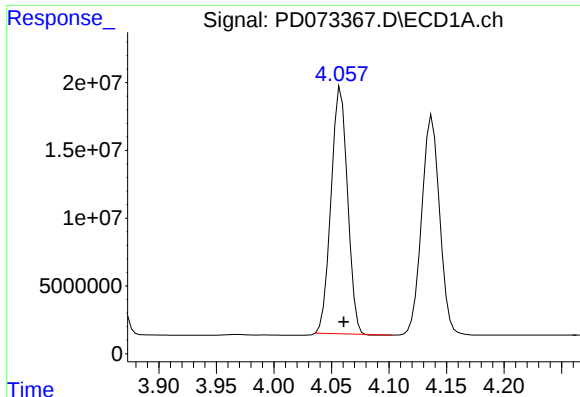
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 69724521
Conc: 54.91 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1533889520
Conc: 45.27 ng/ml



#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 181070789
Conc: 57.51 ng/ml

Instrument :

ECD_D

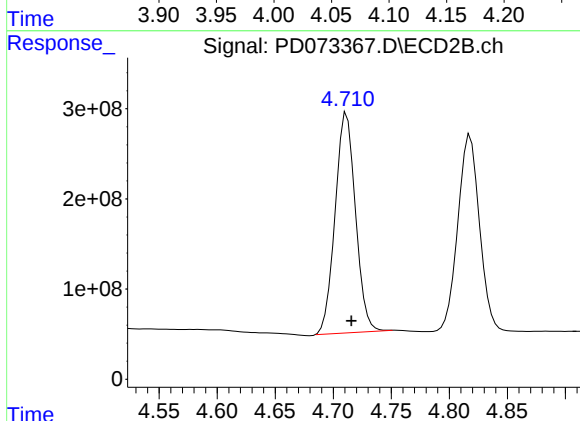
ClientSampleId :

PSTDCCC050

Manual Integrations

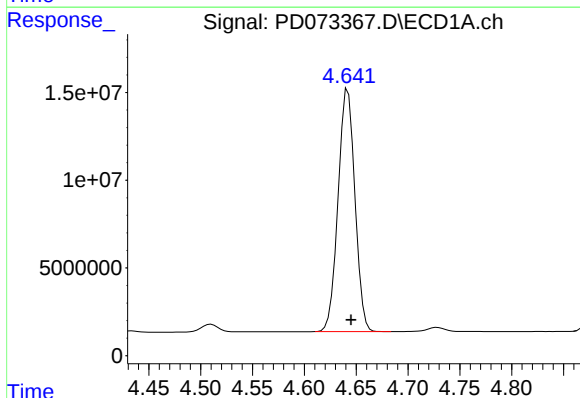
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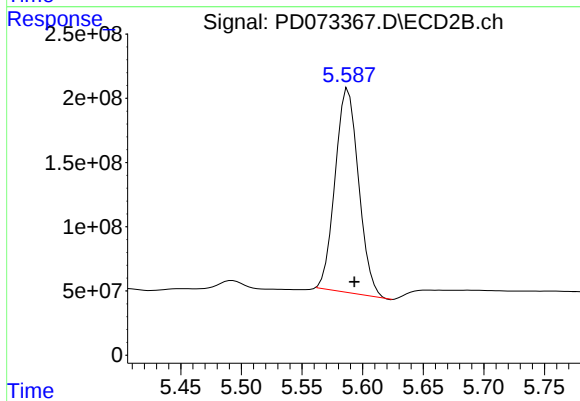
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.004 min
Response: 2992849330
Conc: 45.10 ng/ml



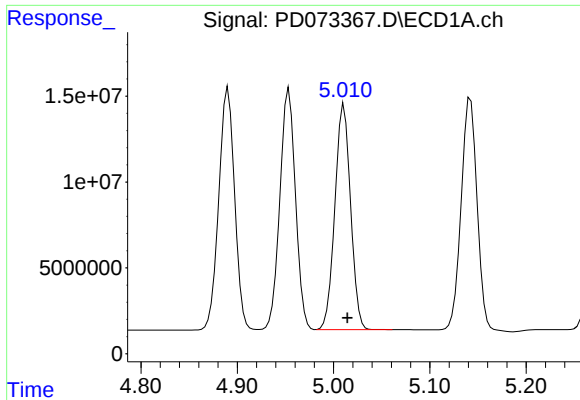
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 156550476
Conc: 56.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 2136891072
Conc: 47.93 ng/ml



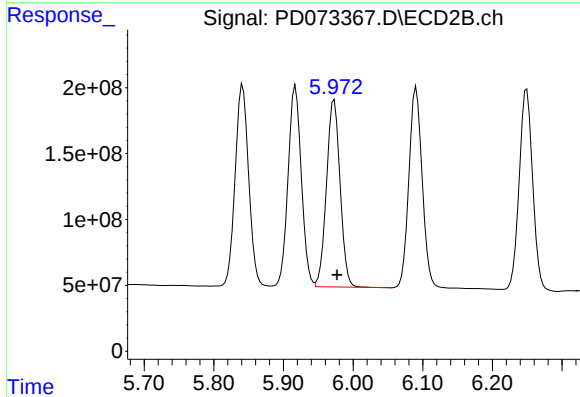
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 148561604
Conc: 56.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

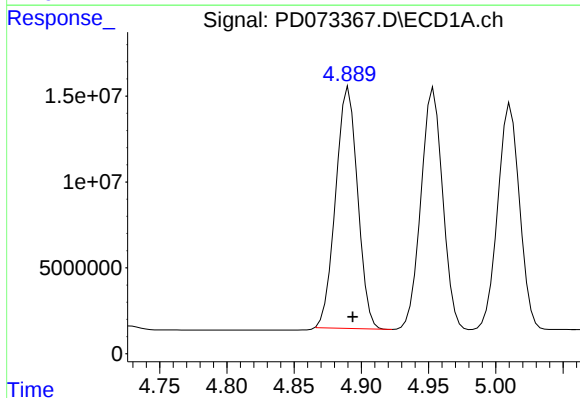
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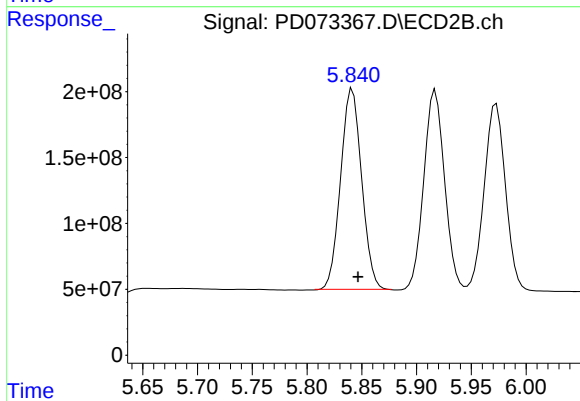
#9 Endosulfan I

R.T.: 5.973 min
Delta R.T.: -0.004 min
Response: 1929024486
Conc: 46.46 ng/ml



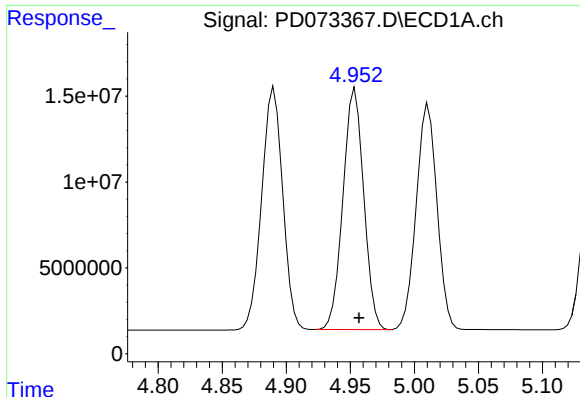
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 158967290
Conc: 55.71 ng/ml



#10 gamma-Chlordane

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 2031539350
Conc: 45.45 ng/ml m



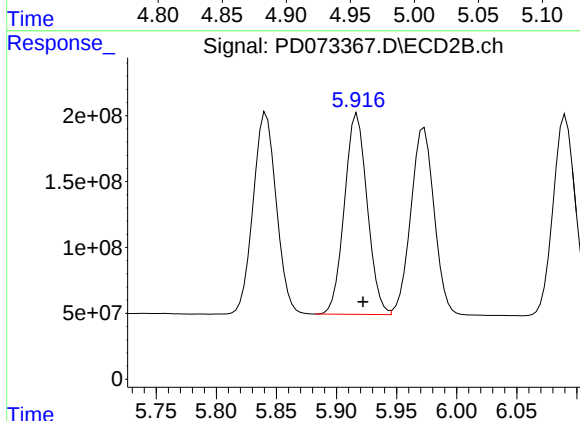
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 158336771
Conc: 56.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

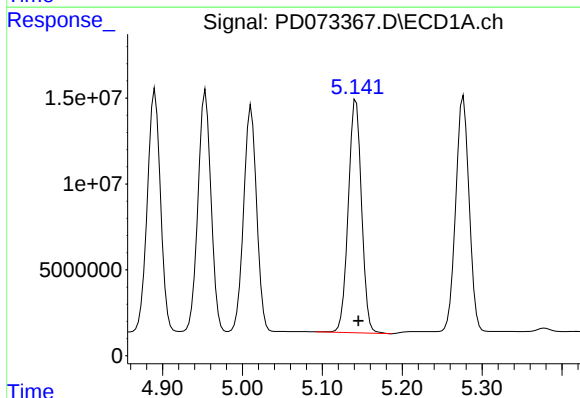
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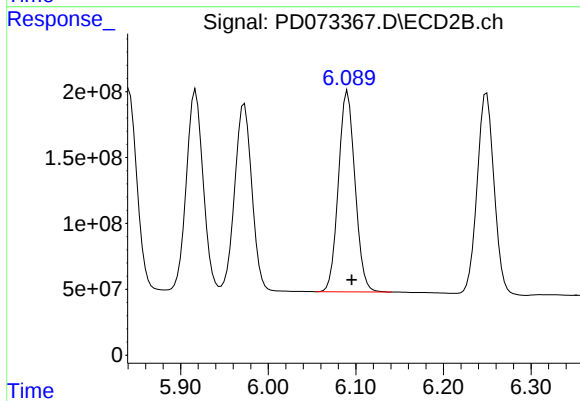
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.005 min
Response: 2012517103
Conc: 45.99 ng/ml



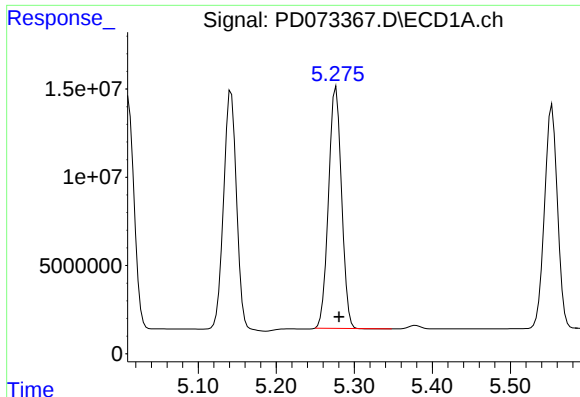
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 157252077
Conc: 58.07 ng/ml



#12 4,4'-DDE

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 2007820536
Conc: 47.51 ng/ml



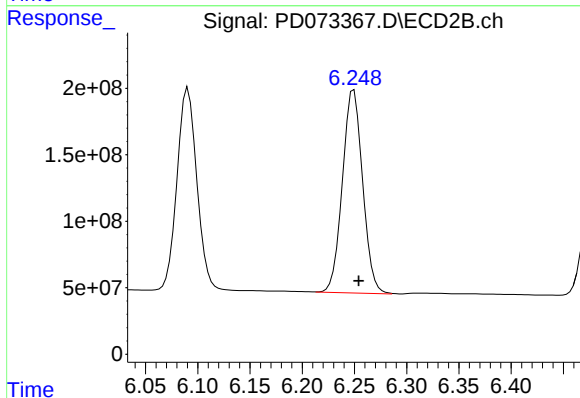
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 158734909
Conc: 56.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
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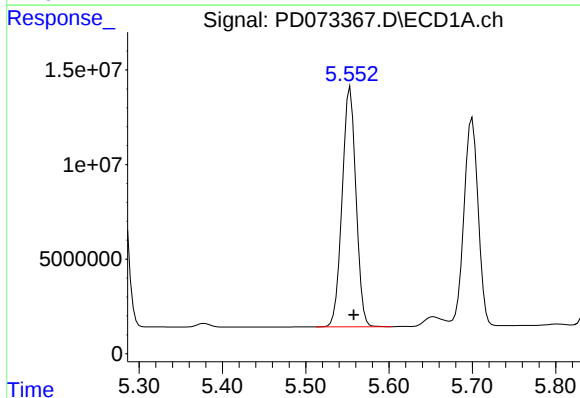
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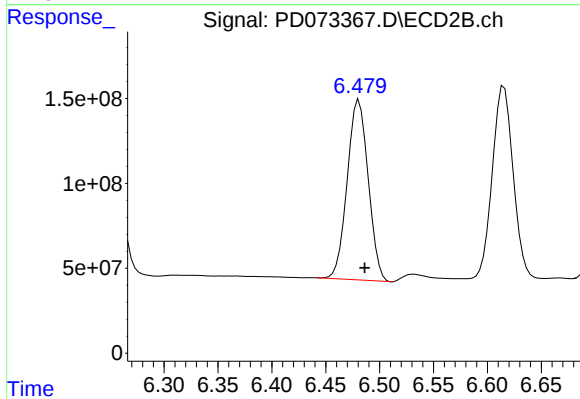
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 2057976413
Conc: 48.99 ng/ml m



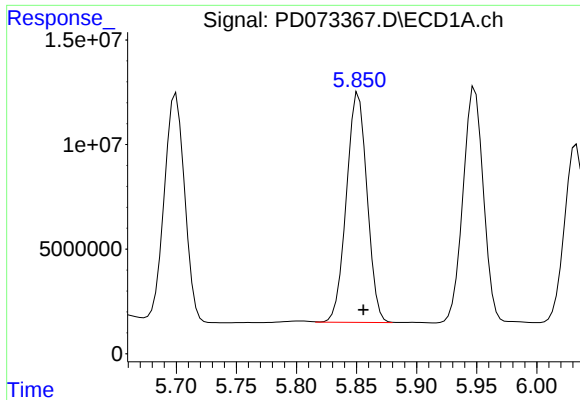
#14 Endrin

R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 146039271
Conc: 56.88 ng/ml



#14 Endrin

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1441517203
Conc: 43.88 ng/ml



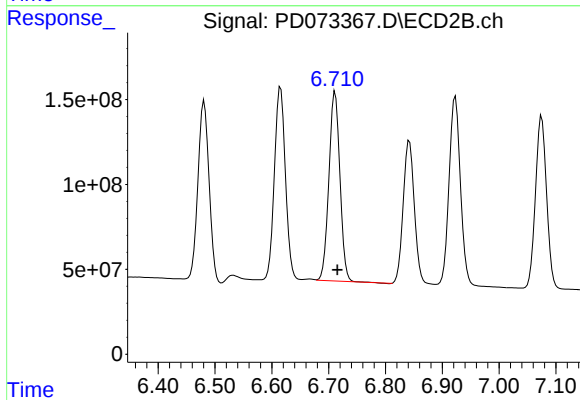
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: -0.006 min
Response: 131670862
Conc: 55.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

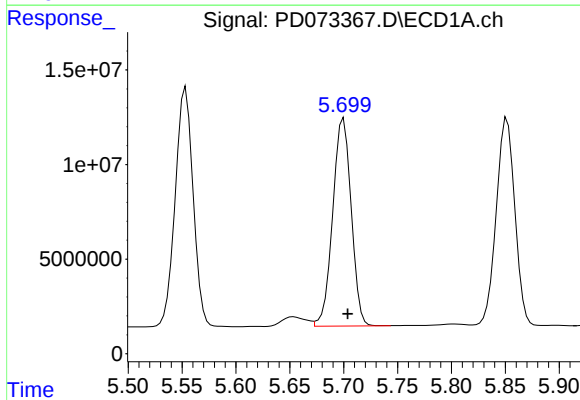
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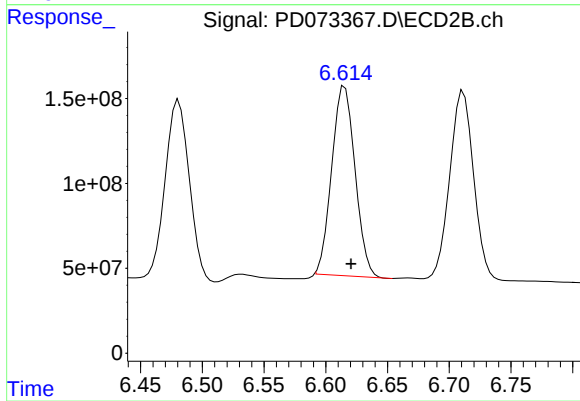
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 1496331946
Conc: 47.10 ng/ml



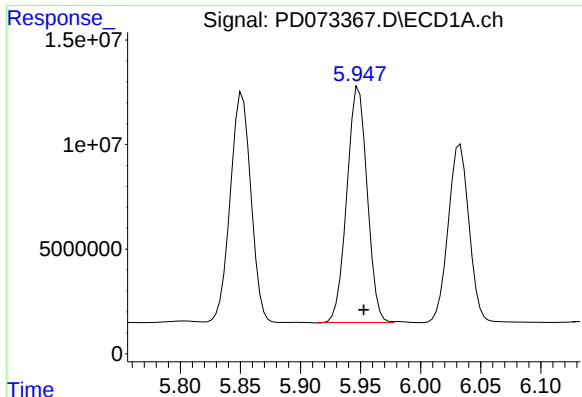
#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 130855442
Conc: 58.02 ng/ml



#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.005 min
Response: 1467066279
Conc: 46.96 ng/ml



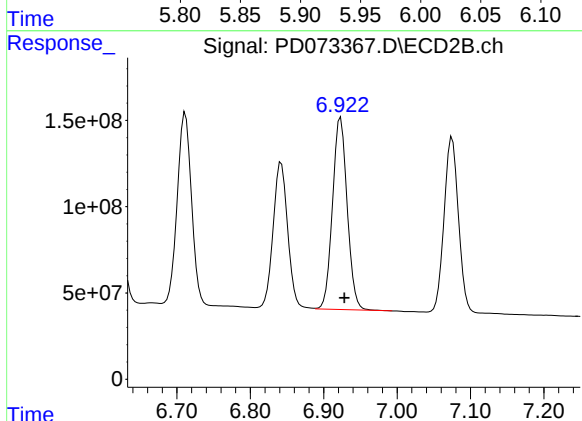
#17 4,4'-DDT

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 132500107
Conc: 59.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

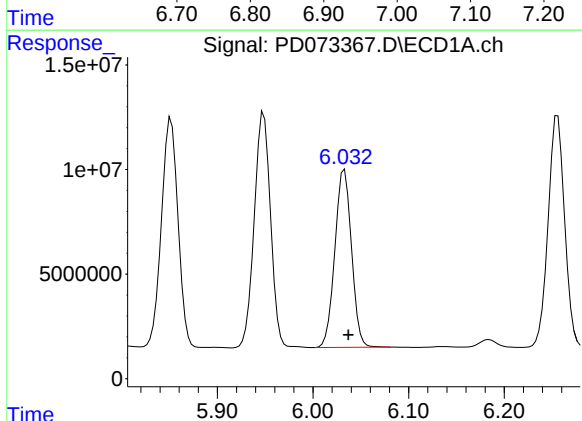
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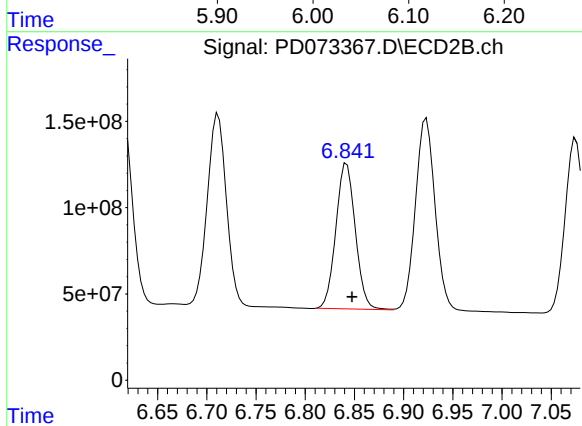
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1547674123
Conc: 51.21 ng/ml



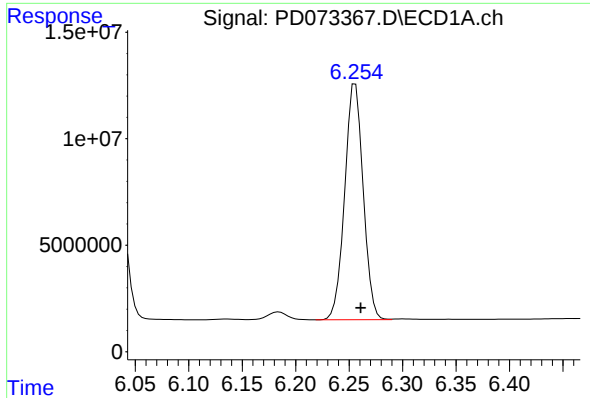
#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.004 min
Response: 102787552
Conc: 54.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 1159448132
Conc: 49.46 ng/ml



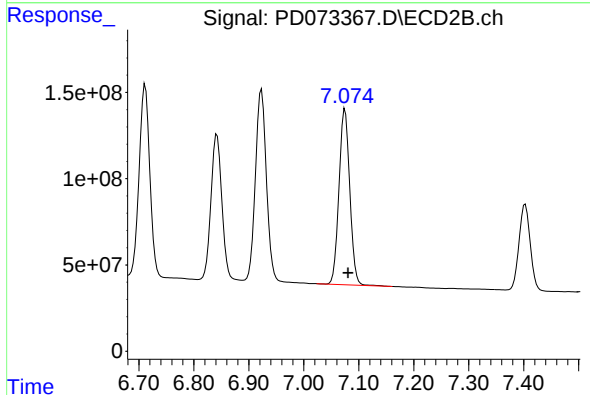
#19 Endosulfan Sulfate

R.T.: 6.256 min
Delta R.T.: -0.005 min
Response: 133416726
Conc: 56.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

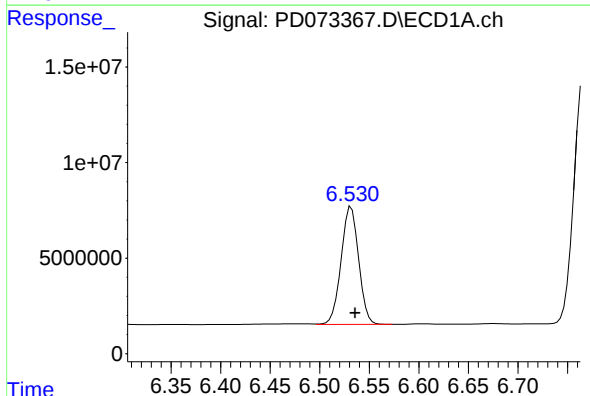
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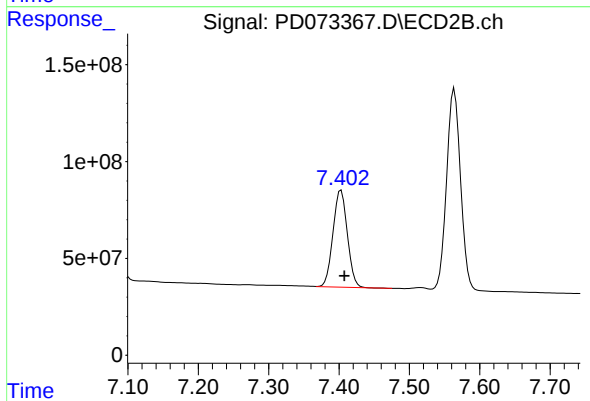
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: -0.006 min
Response: 1390265322
Conc: 50.81 ng/ml



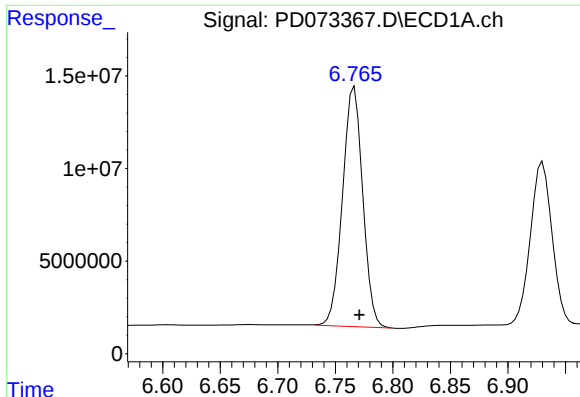
#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 75793184
Conc: 56.87 ng/ml



#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 710882184
Conc: 52.52 ng/ml



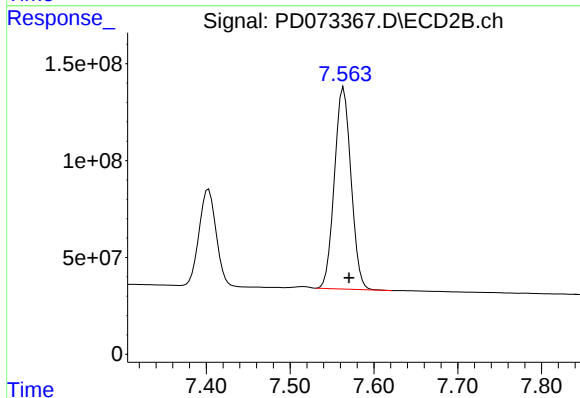
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 159049199
Conc: 58.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

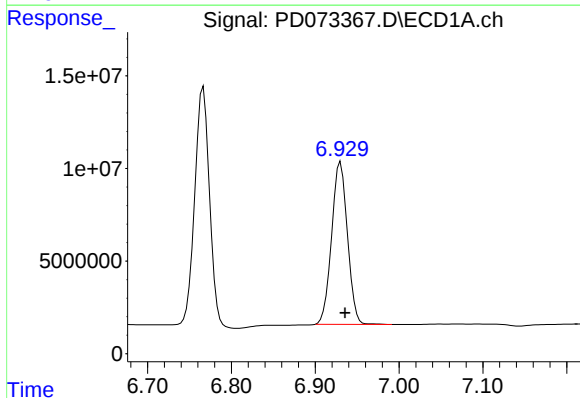
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



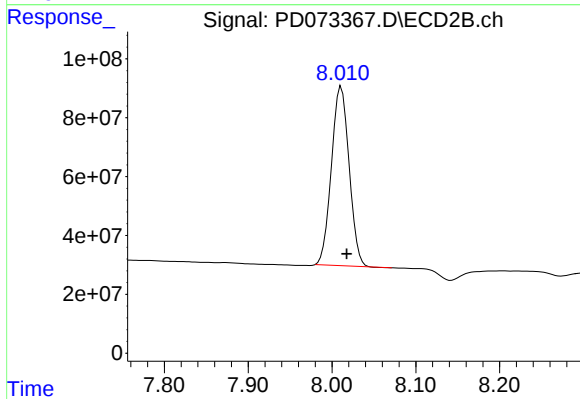
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 1432298193
Conc: 52.17 ng/ml



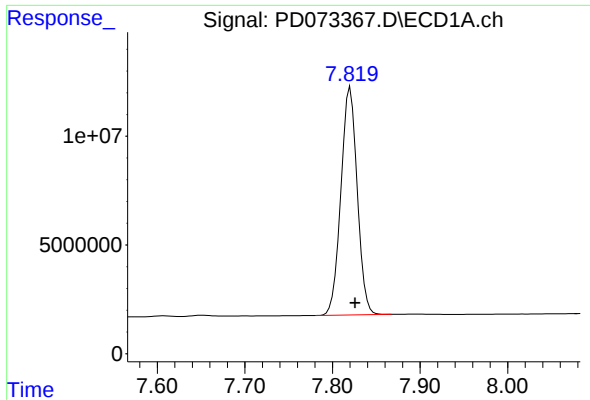
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.005 min
Response: 114963280
Conc: 55.31 ng/ml



#22 Mirex

R.T.: 8.011 min
Delta R.T.: -0.007 min
Response: 890675541
Conc: 50.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.006 min
Response: 135544271
Conc: 55.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

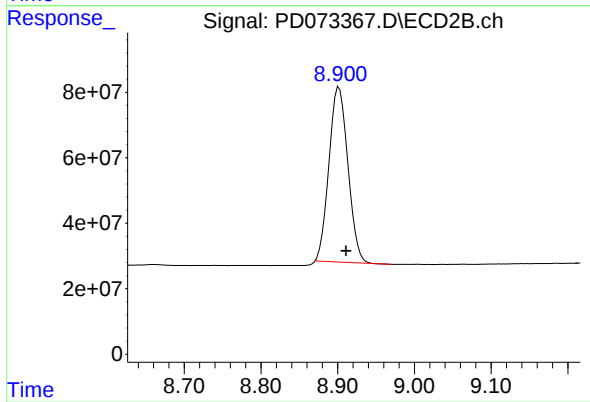
PSTDCCC050

Manual Integrations

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Supervised By :Ankita Jodhani 12/21/2022



#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.009 min
Response: 914972550
Conc: 51.91 ng/ml