

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 14:32
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD100522

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 14:49:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 12:38:42 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...	2.750	3.494	123.5E6	1736.2E6	49.206	47.893
28)	SA Decachlor...	7.927	8.988	125.9E6	501.6E6	49.400	49.920
Target Compounds							
2)	A alpha-BHC	3.256	3.958	205.7E6	2440.7E6	51.380	48.010
3)	MA gamma-BHC...	3.588	4.292	183.4E6	1898.4E6	50.754	45.795
4)	MA Heptachlor	3.932	4.867	189.3E6	1455.4E6	50.390	48.347
5)	MB Aldrin	4.213	5.208	178.1E6	1172.9E6	50.375	48.600
6)	B beta-BHC	3.887	4.500	77088850	757.5E6	49.858	45.458
7)	B delta-BHC	4.119	4.746	184.6E6	1430.5E6	50.641	48.311
8)	B Heptachlo...	4.719	5.639	153.8E6	900.1E6	48.257	47.403
9)	A Endosulfan I	5.091	6.025	147.1E6	831.5E6	49.533	48.994
10)	B gamma-Chl...	4.972	5.893	163.2E6	911.9E6	49.768	49.194
11)	B alpha-Chl...	5.036	5.971	158.9E6	876.7E6	49.496	48.842
12)	B 4,4'-DDE	5.229	6.146	148.2E6	869.4E6	48.709	48.876
13)	MA Dieldrin	5.356	6.301	157.2E6	866.8E6	49.907m	49.750m
14)	MA Endrin	5.634	6.534	135.3E6	680.5E6	49.867	48.167
15)	B Endosulfa...	5.929	6.761	129.5E6	672.6E6	50.677	49.812
16)	A 4,4'-DDD	5.786	6.669	131.4E6	716.3E6	50.325	51.534
17)	MA 4,4'-DDT	6.039	6.980	132.6E6	716.6E6	50.592	50.795
18)	B Endrin al...	6.111	6.892	106.6E6	552.3E6	50.057	50.927
19)	B Endosulfa...	6.334	7.124	135.0E6	640.6E6	49.914	50.588
20)	A Methoxychlor	6.618	7.458	75715167	348.5E6	49.059	50.208
21)	B Endrin ke...	6.842	7.614	160.2E6	718.1E6	50.372	51.226
22)	Mirex	7.025	8.074	111.3E6	468.3E6	47.807	50.457

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

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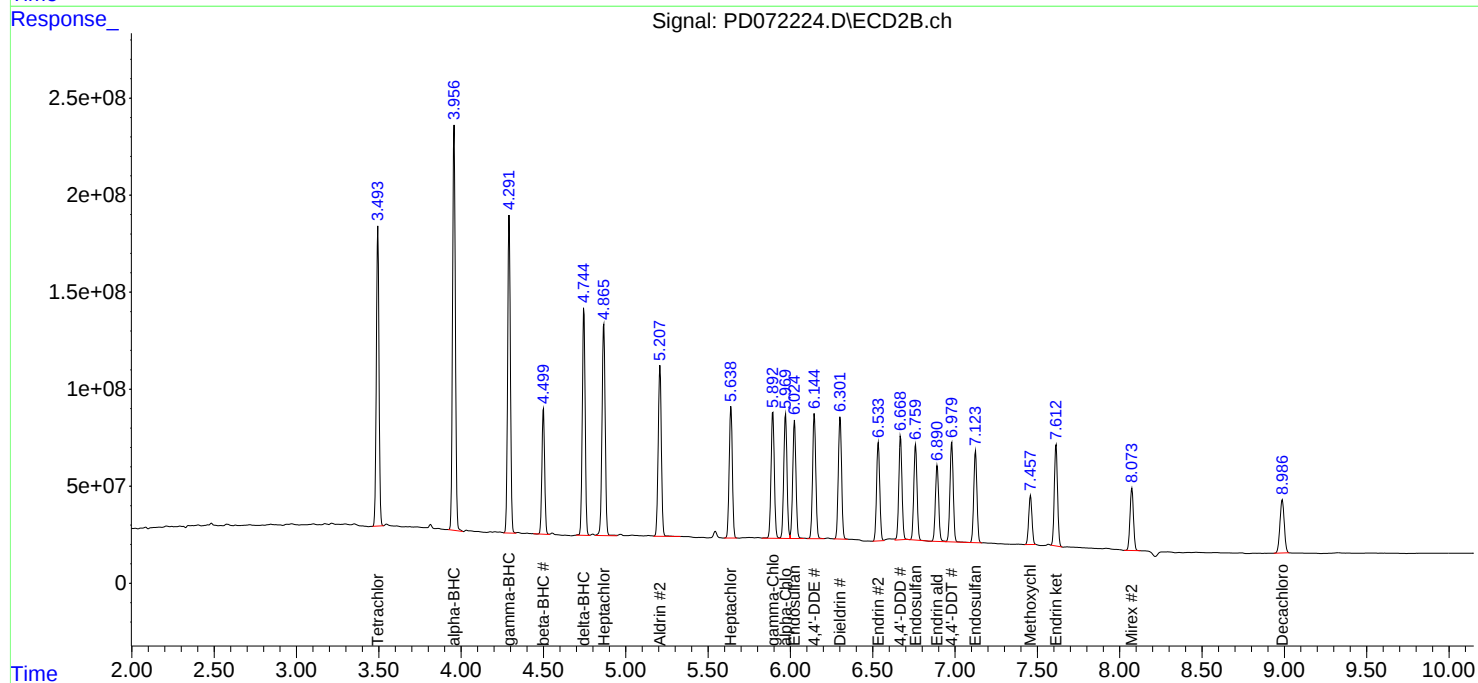
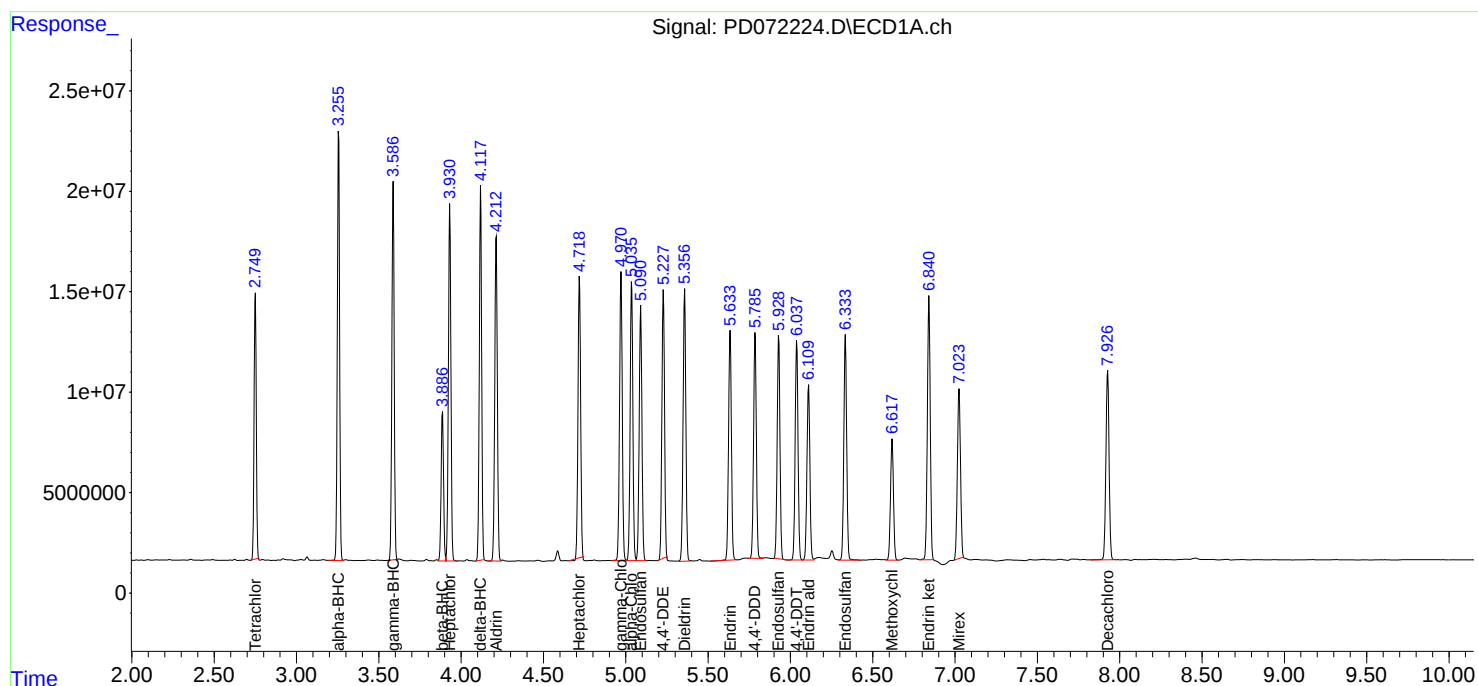
Manual Integrations

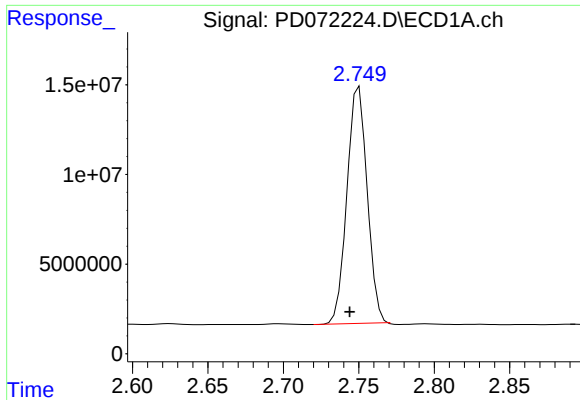
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 14:49:50 2022
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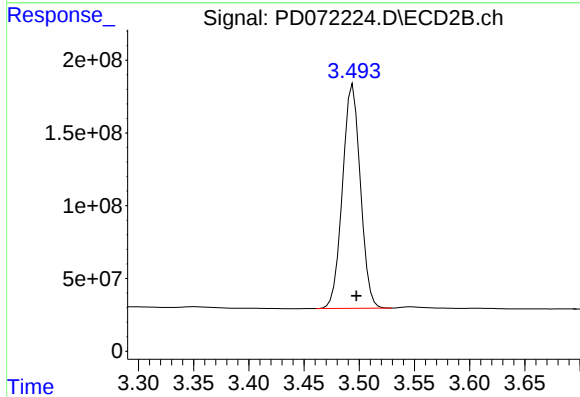
#1 Tetrachloro-m-xylene

R.T.: 2.750 min
Delta R.T.: 0.006 min
Response: 123486912
Conc: 49.21 ng/ml

Instrument :
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ICVPD100522

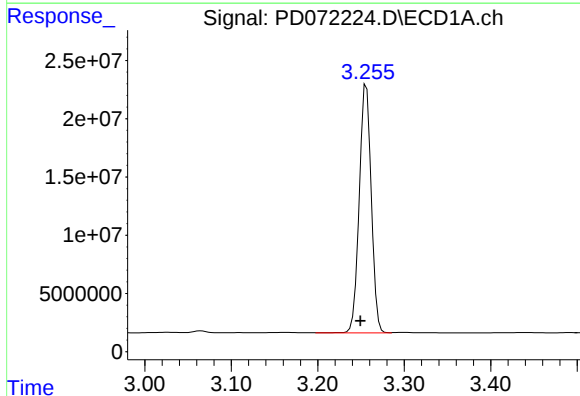
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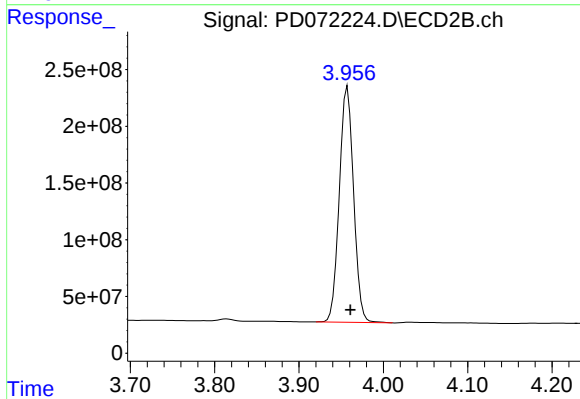
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: -0.003 min
Response: 1736157309
Conc: 47.89 ng/ml



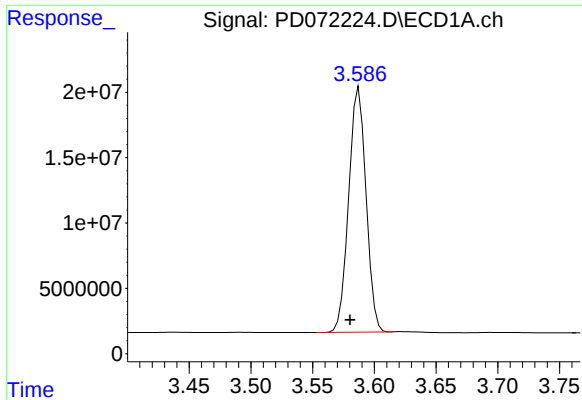
#2 alpha-BHC

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 205657812
Conc: 51.38 ng/ml



#2 alpha-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 2440668654
Conc: 48.01 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.007 min
Response: 183352647
Conc: 50.75 ng/ml

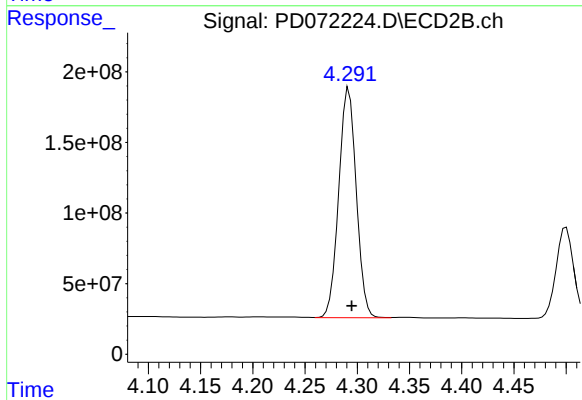
Instrument :

ECD_D

ClientSampleId :
ICVPD100522

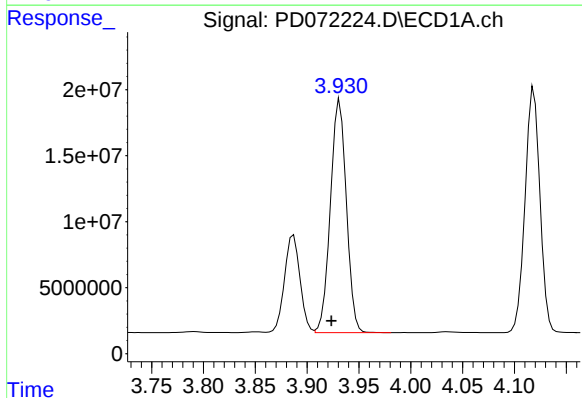
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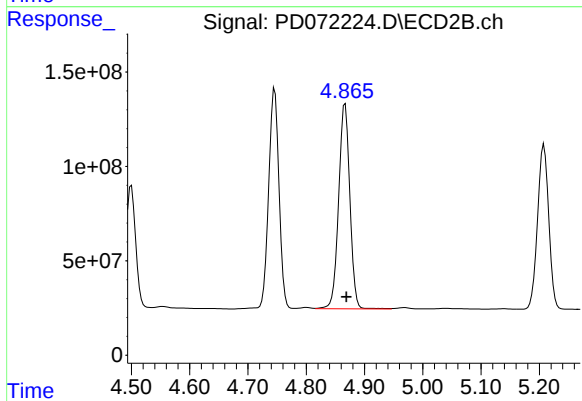
#3 gamma-BHC (Lindane)

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 1898445882
Conc: 45.80 ng/ml



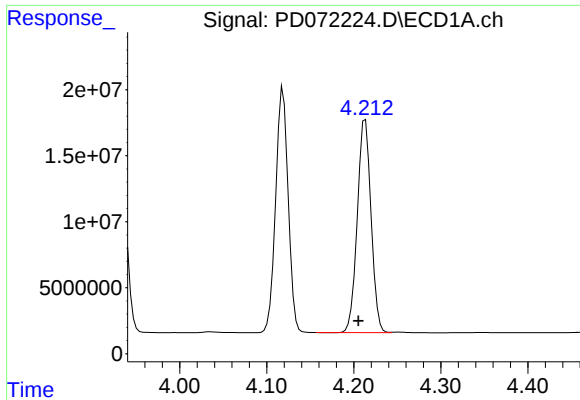
#4 Heptachlor

R.T.: 3.932 min
Delta R.T.: 0.008 min
Response: 189281721
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1455354661
Conc: 48.35 ng/ml



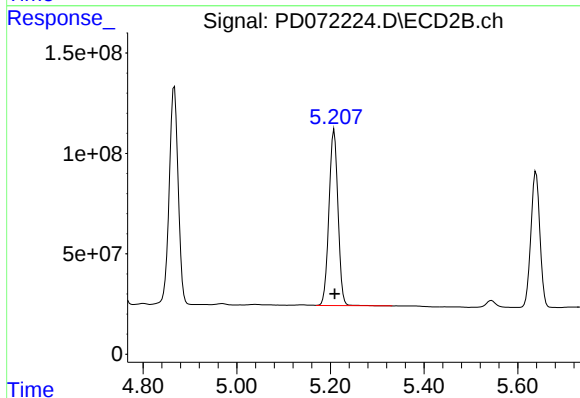
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.008 min
Response: 178137303
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD100522

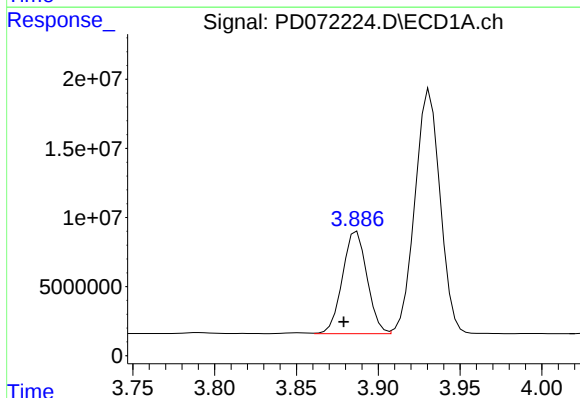
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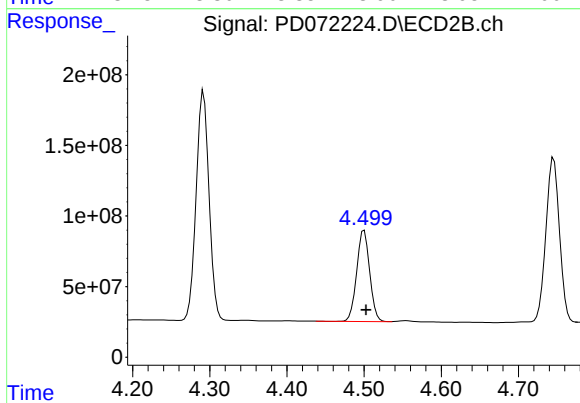
#5 Aldrin

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 1172912287
Conc: 48.60 ng/ml



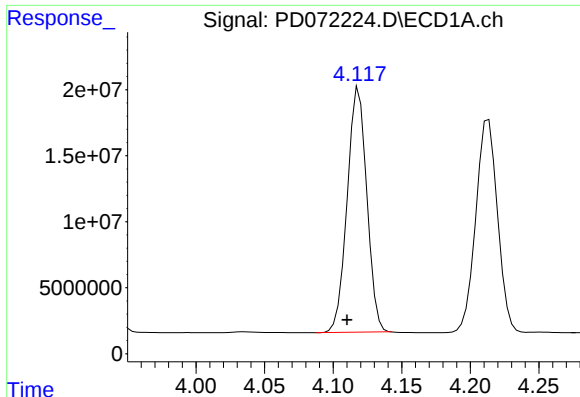
#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: 0.008 min
Response: 77088850
Conc: 49.86 ng/ml



#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 757543373
Conc: 45.46 ng/ml



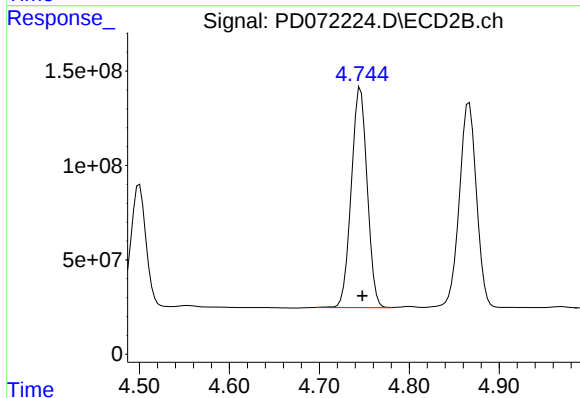
#7 delta-BHC

R.T.: 4.119 min
Delta R.T.: 0.009 min
Response: 184586429
Conc: 50.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD100522

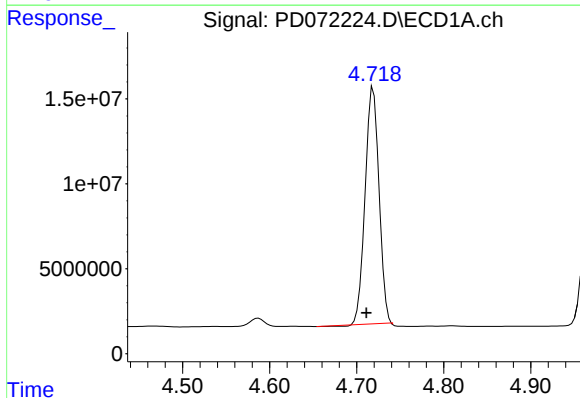
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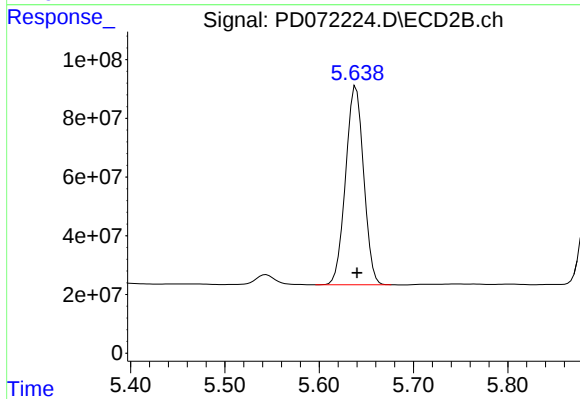
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 1430487250
Conc: 48.31 ng/ml



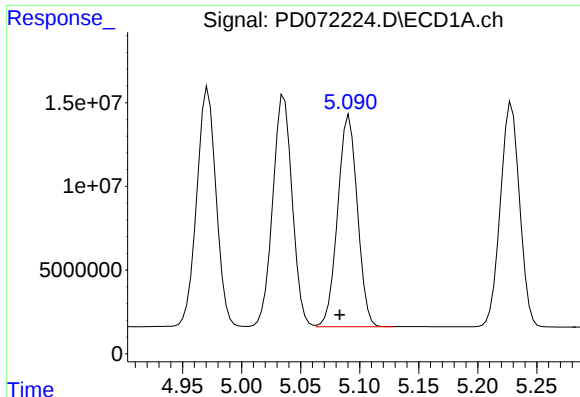
#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.008 min
Response: 153829768
Conc: 48.26 ng/ml



#8 Heptachlor epoxide

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 900130368
Conc: 47.40 ng/ml



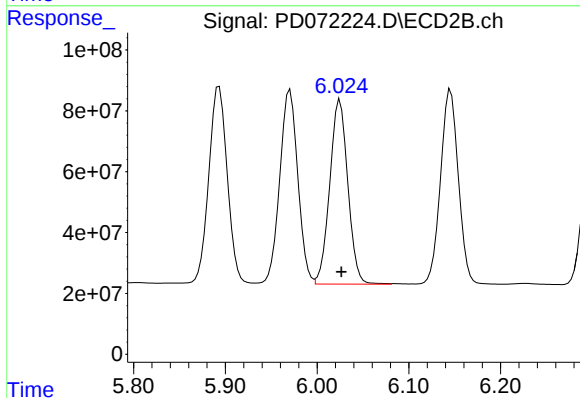
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.008 min
Response: 147104621
Conc: 49.53 ng/ml

Instrument :
ECD_D
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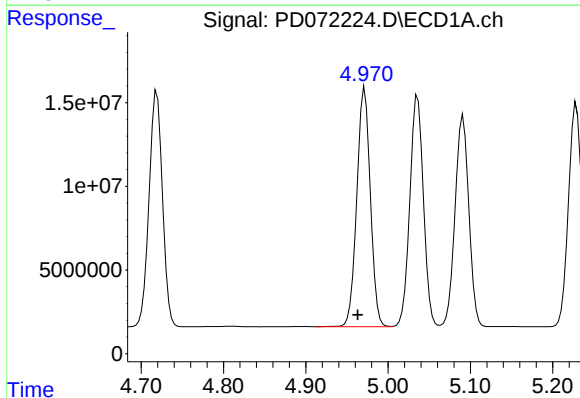
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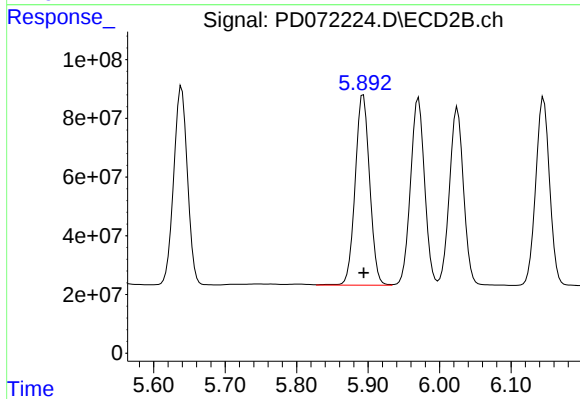
#9 Endosulfan I

R.T.: 6.025 min
Delta R.T.: -0.001 min
Response: 831526954
Conc: 48.99 ng/ml



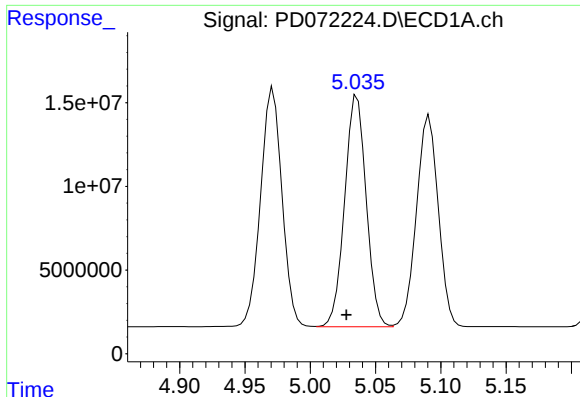
#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.008 min
Response: 163217055
Conc: 49.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 911891162
Conc: 49.19 ng/ml



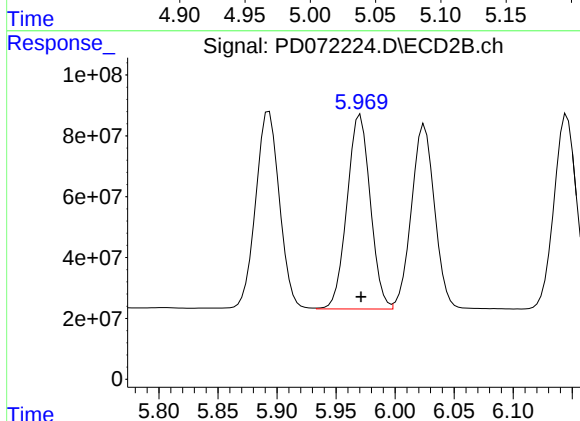
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.008 min
Response: 158860514
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD100522

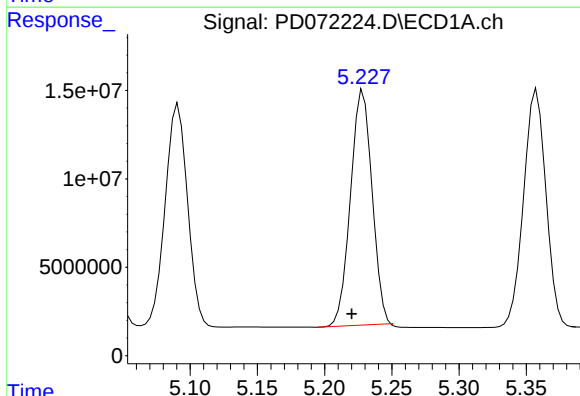
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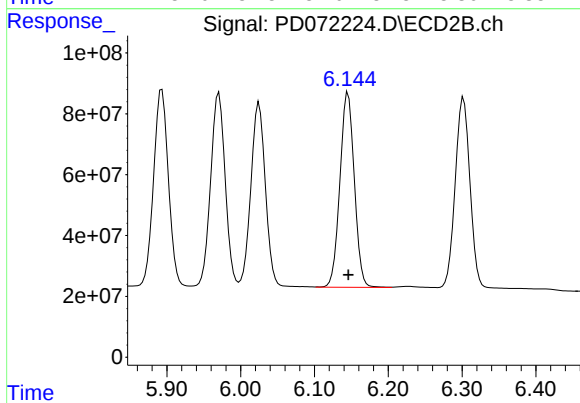
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 876686563
Conc: 48.84 ng/ml



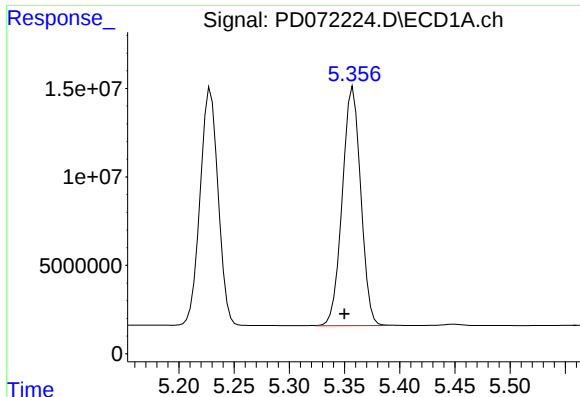
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.008 min
Response: 148240076
Conc: 48.71 ng/ml



#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 869404607
Conc: 48.88 ng/ml



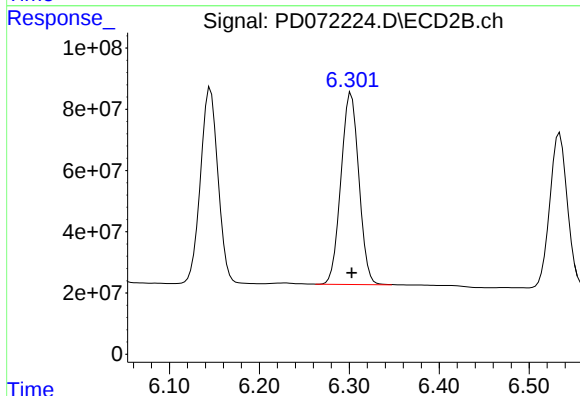
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.007 min
Response: 157227716
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
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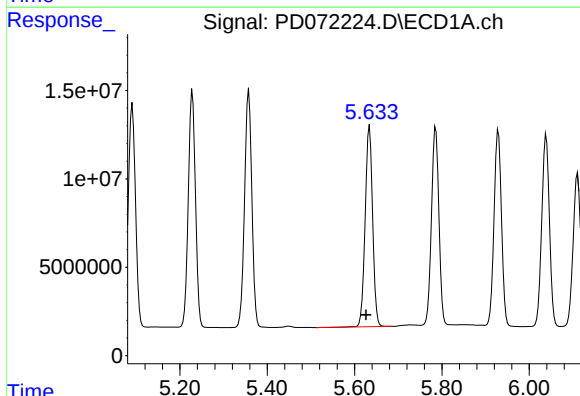
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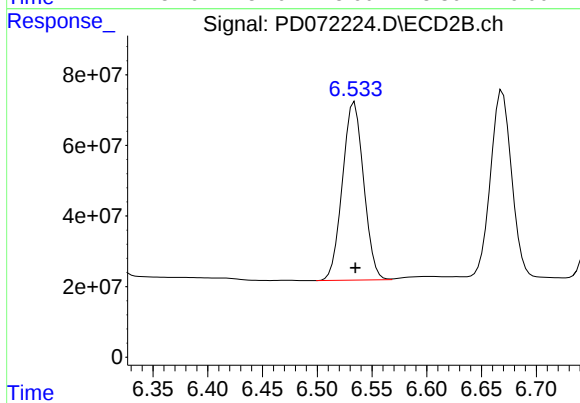
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 866760313
Conc: 49.75 ng/ml m



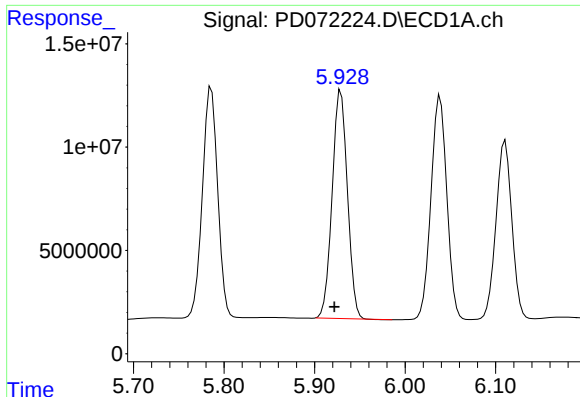
#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.008 min
Response: 135325800
Conc: 49.87 ng/ml



#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 680464827
Conc: 48.17 ng/ml



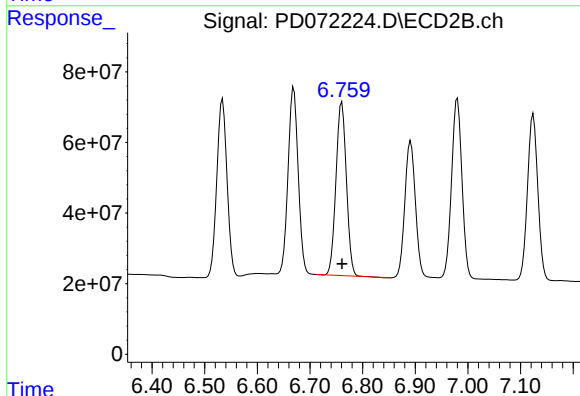
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.007 min
Response: 129453570
Conc: 50.68 ng/ml

Instrument :
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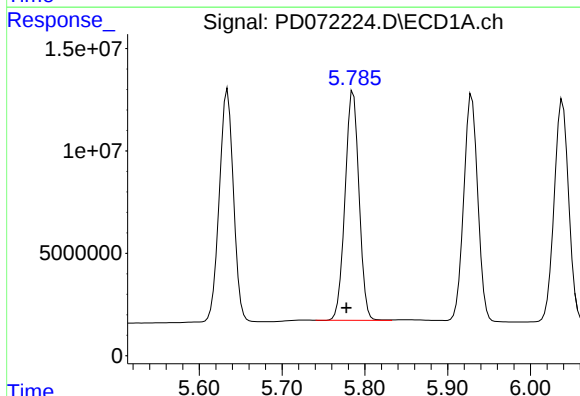
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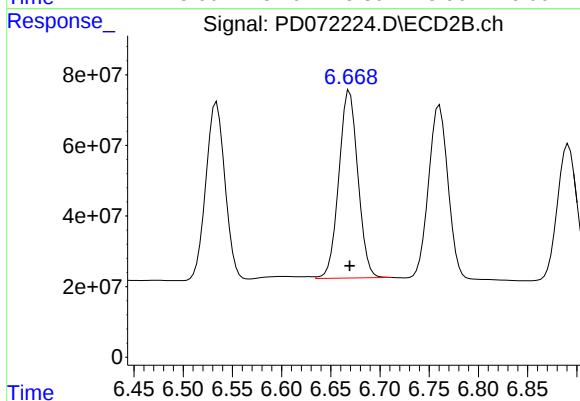
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 672559080
Conc: 49.81 ng/ml



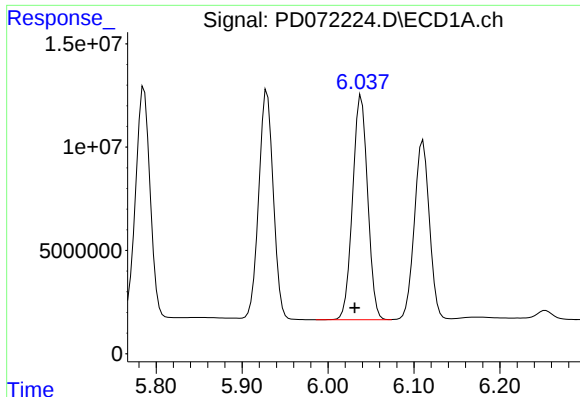
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.008 min
Response: 131363343
Conc: 50.32 ng/ml



#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 716308454
Conc: 51.53 ng/ml



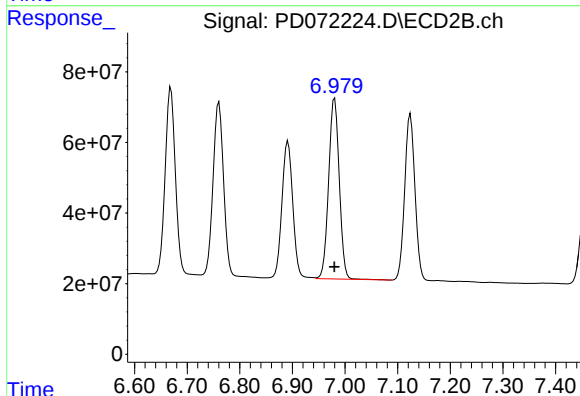
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.008 min
Response: 132609795
Conc: 50.59 ng/ml

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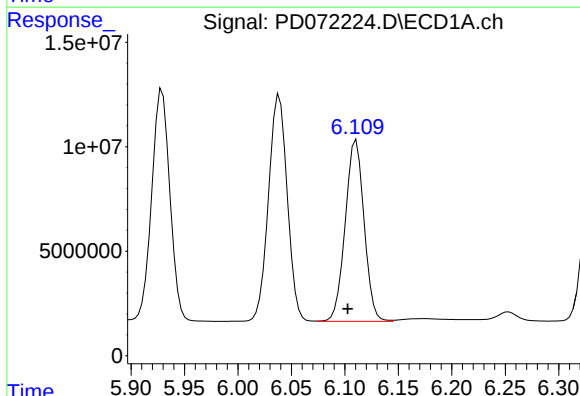
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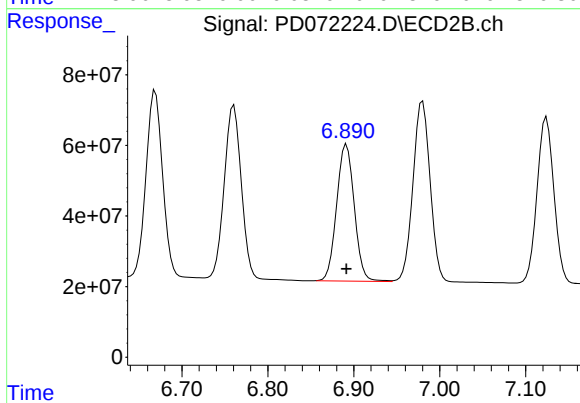
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 716619657
Conc: 50.80 ng/ml



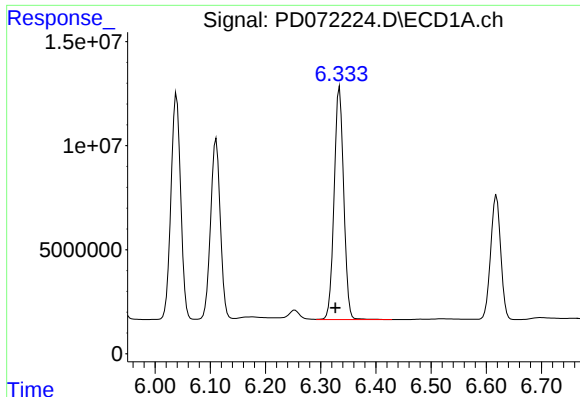
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.008 min
Response: 106607989
Conc: 50.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 552310969
Conc: 50.93 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.007 min
Response: 134977135
Conc: 49.91 ng/ml

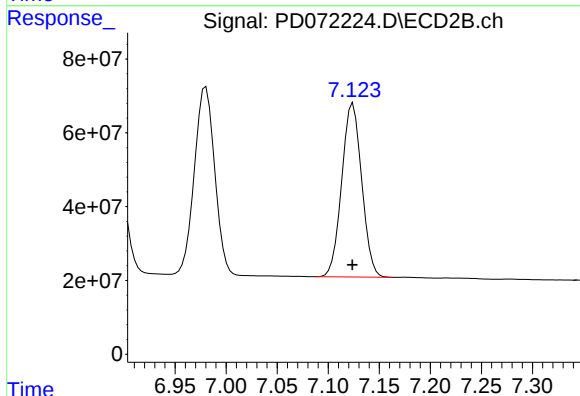
Instrument :

ECD_D

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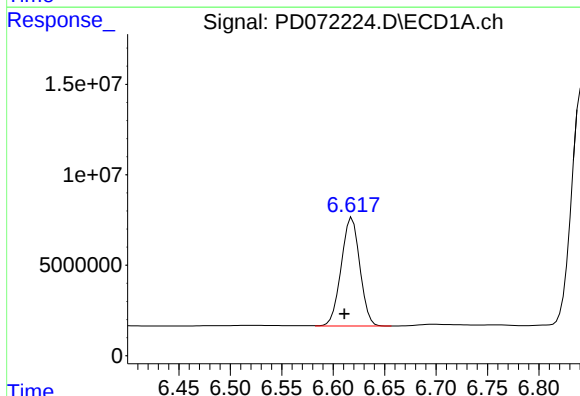
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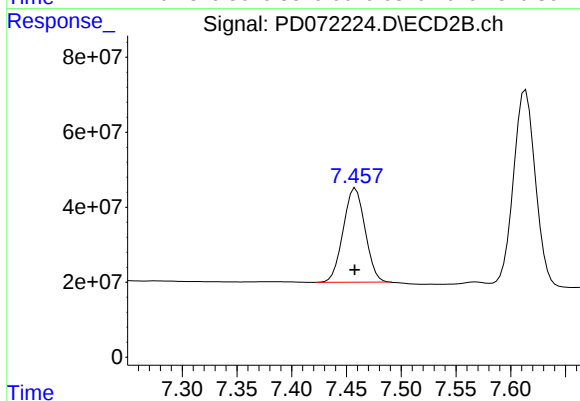
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 640553398
Conc: 50.59 ng/ml



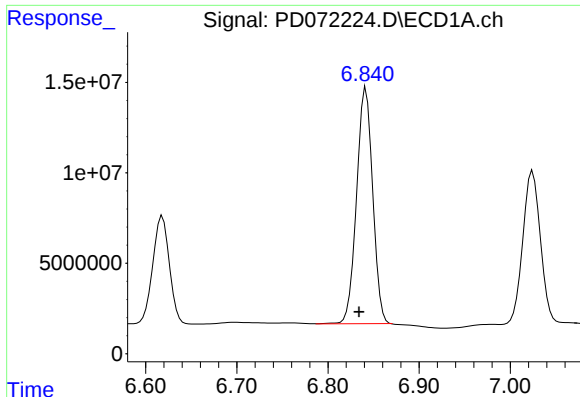
#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: 0.008 min
Response: 75715167
Conc: 49.06 ng/ml



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 348453396
Conc: 50.21 ng/ml



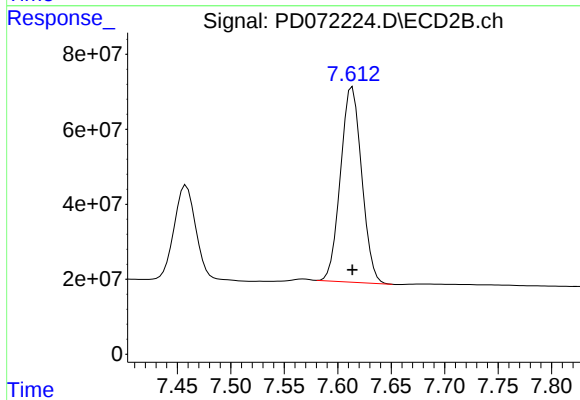
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.008 min
Response: 160223575
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD100522

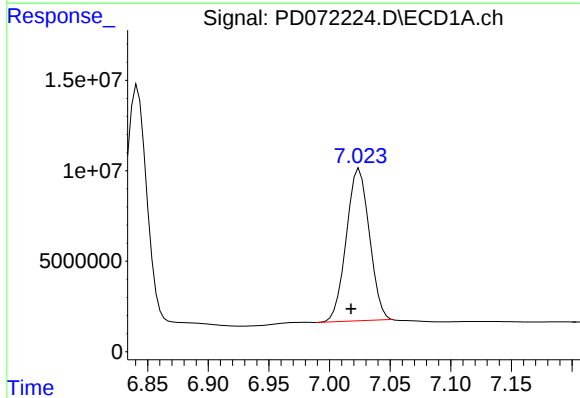
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



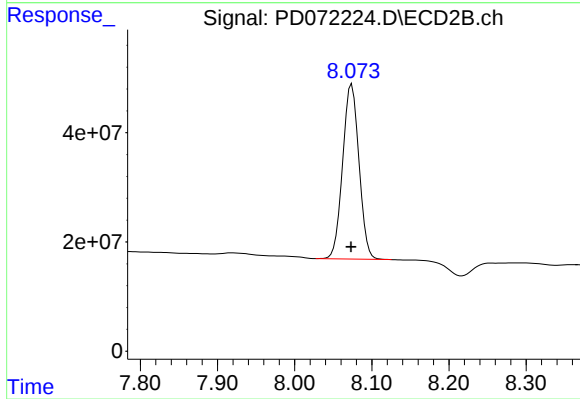
#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 718064516
Conc: 51.23 ng/ml



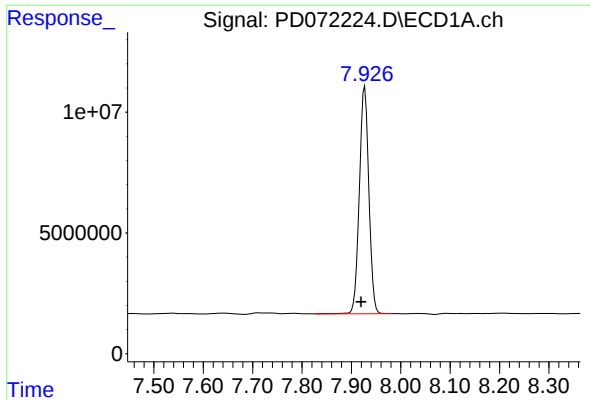
#22 Mirex

R.T.: 7.025 min
Delta R.T.: 0.007 min
Response: 111250024
Conc: 47.81 ng/ml



#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.001 min
Response: 468342061
Conc: 50.46 ng/ml



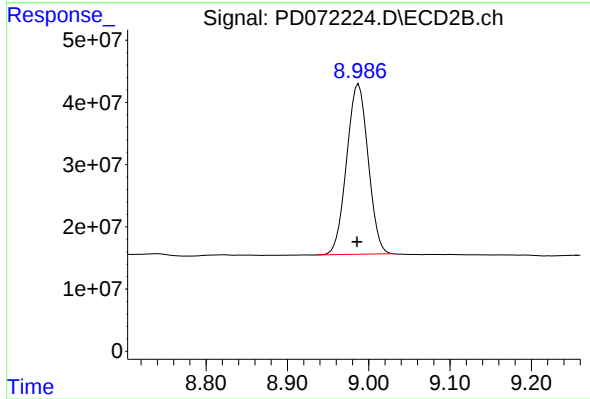
#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.007 min
Response: 125930852
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD100522

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.988 min
Delta R.T.: 0.002 min
Response: 501551030
Conc: 49.92 ng/ml