

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100722\
 Data File : PD072288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 15:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 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...	2.743	3.497	120.6E6	1659.1E6	48.064	45.766
28)	SA Decachlor...	7.918	8.986	110.2E6	498.4E6	43.210	49.606
Target Compounds							
2)	A alpha-BHC	3.248	3.960	198.1E6	2316.6E6	49.490	45.569
3)	MA gamma-BHC...	3.579	4.294	177.5E6	1837.1E6	49.134	44.317
4)	MA Heptachlor	3.923	4.869	179.0E6	1278.7E6	47.666	42.479
5)	MB Aldrin	4.204	5.210	175.9E6	1052.6E6	49.737	43.615
6)	B beta-BHC	3.878	4.502	74158975	743.6E6	47.939	44.623
7)	B delta-BHC	4.109	4.748	178.7E6	1352.1E6	49.036	45.665
8)	B Heptachlo...	4.710	5.641	153.8E6	888.2E6	48.235	46.775
9)	A Endosulfan I	5.082	6.027	138.5E6	790.6E6	46.622	46.581
10)	B gamma-Chl...	4.963	5.895	156.7E6	859.9E6	47.782	46.391
11)	B alpha-Chl...	5.027	5.972	152.9E6	825.7E6	47.637	46.004
12)	B 4,4'-DDE	5.220	6.147	146.2E6	815.5E6	48.035	45.849
13)	MA Dieldrin	5.349	6.303	149.1E6	838.8E6	47.331	48.147
14)	MA Endrin	5.625	6.535	125.9E6	660.4E6	46.408	46.744
15)	B Endosulfa...	5.919	6.761	123.1E6	654.8E6	48.199m	48.497
16)	A 4,4'-DDD	5.776	6.670	129.5E6	712.4E6	49.623	51.256
17)	MA 4,4'-DDT	6.029	6.981	119.9E6	646.8E6	45.738	45.844
18)	B Endrin al...	6.101	6.892	99825360	514.7E6	46.873	47.463
19)	B Endosulfa...	6.325	7.124	126.3E6	610.5E6	46.718	48.217
20)	A Methoxychlor	6.609	7.458	67803995	327.4E6	43.933	47.174
21)	B Endrin ke...	6.833	7.614	153.6E6	695.8E6	48.303	49.640
22)	Mirex	7.017	8.074	105.9E6	459.4E6	45.528	49.488

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

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 Operator : AR\AJ
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Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

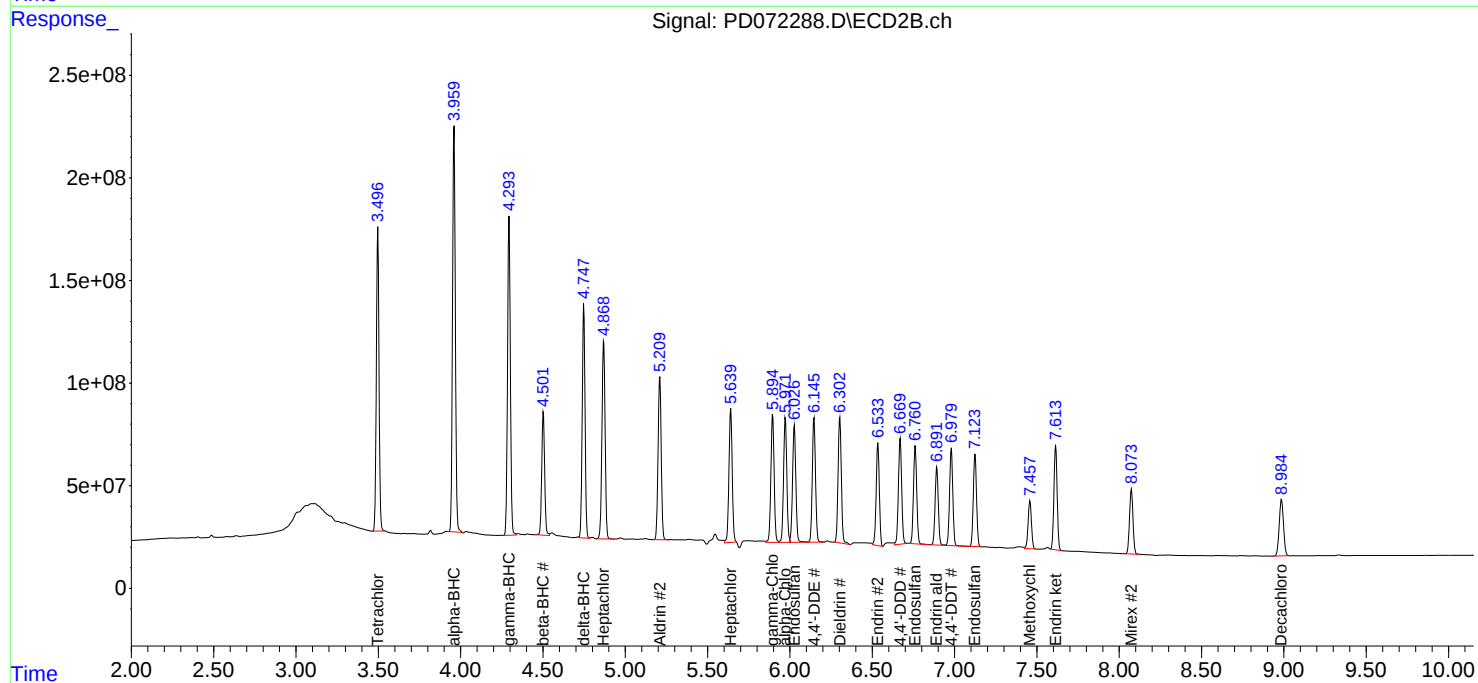
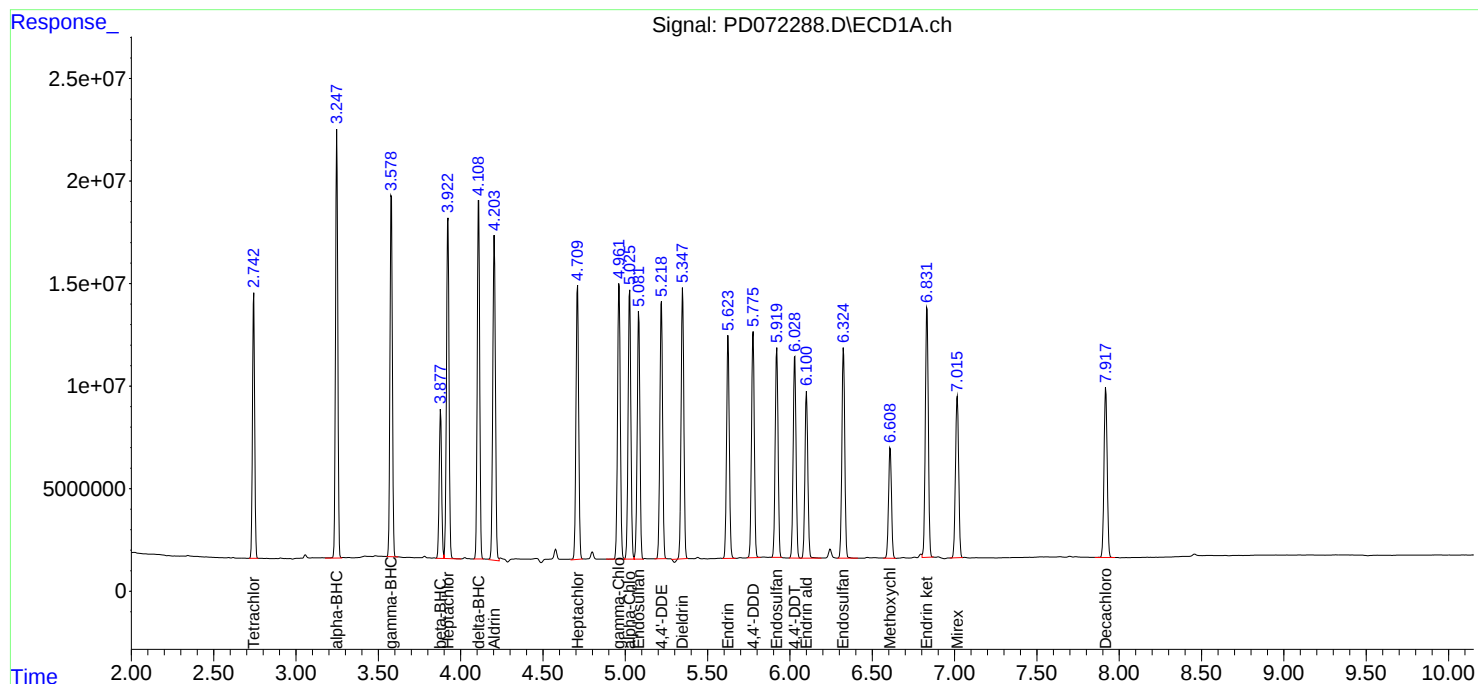
Manual Integrations

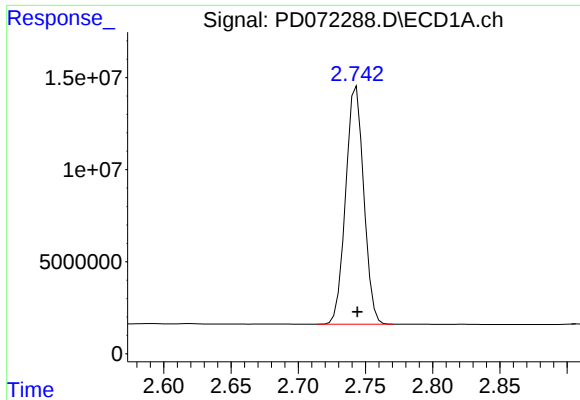
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
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 Signal #1 Phase : ZB-MR2 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





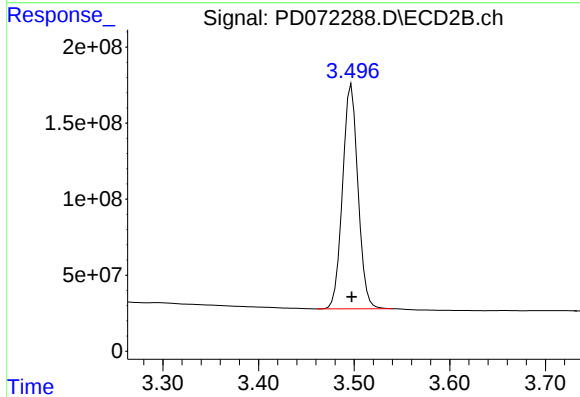
#1 Tetrachloro-m-xylene

R.T.: 2.743 min
Delta R.T.: 0.000 min
Response: 120621211
Conc: 48.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

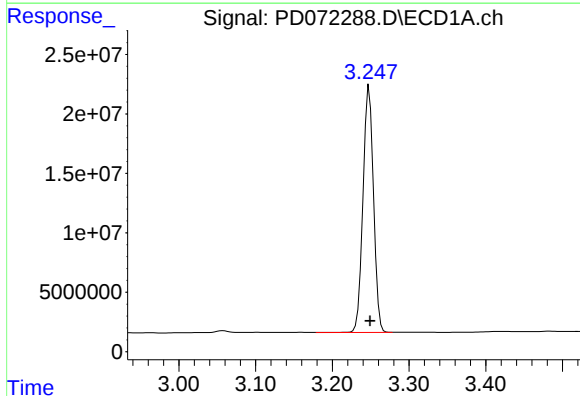
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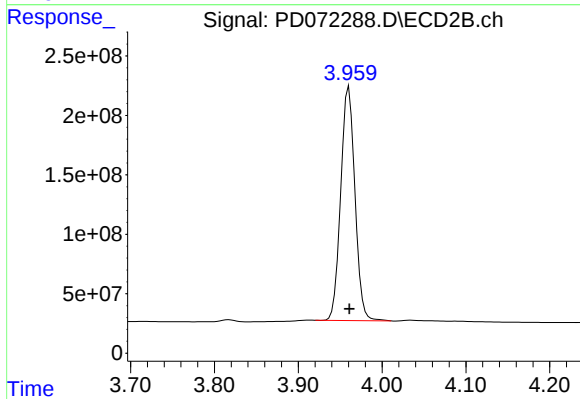
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 1659067321
Conc: 45.77 ng/ml



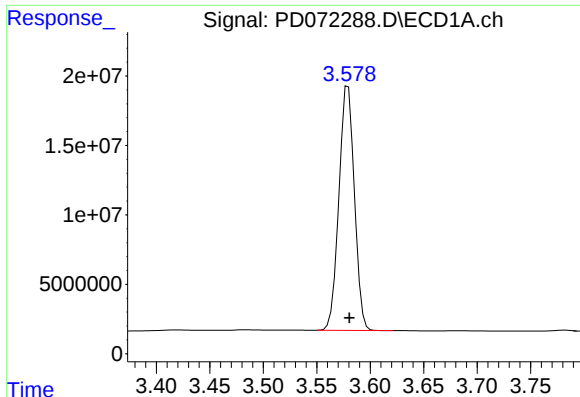
#2 alpha-BHC

R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 198092341
Conc: 49.49 ng/ml



#2 alpha-BHC

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 2316602938
Conc: 45.57 ng/ml



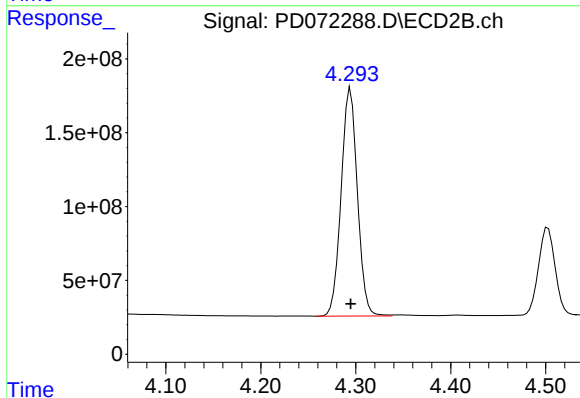
#3 gamma-BHC (Lindane)

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 177500476
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

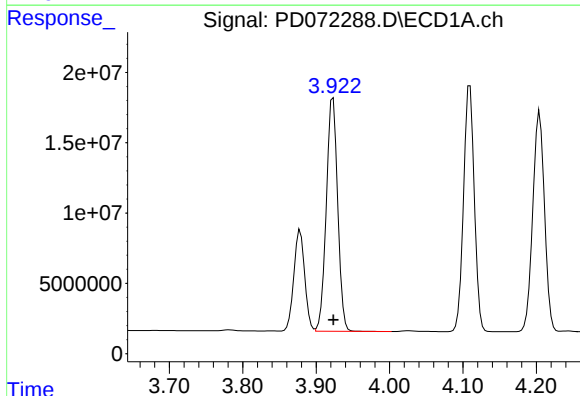
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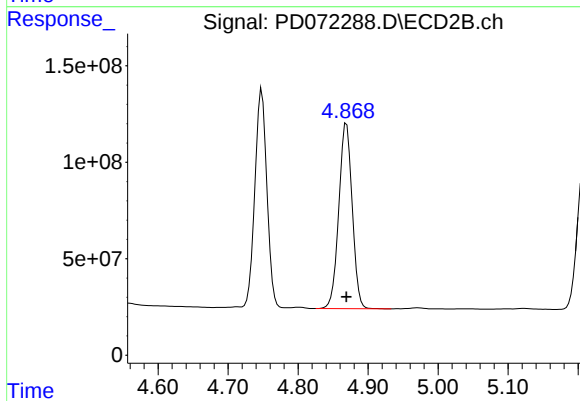
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 1837142929
Conc: 44.32 ng/ml



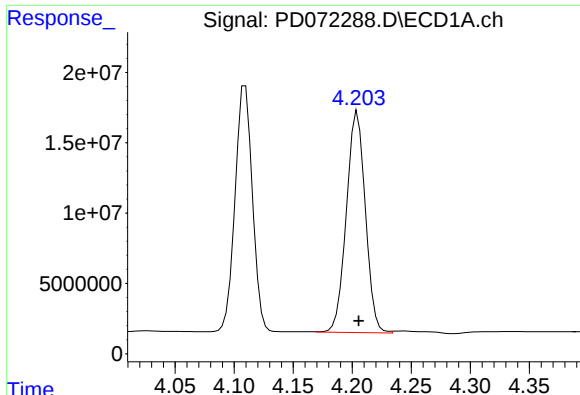
#4 Heptachlor

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 179047132
Conc: 47.67 ng/ml



#4 Heptachlor

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1278731295
Conc: 42.48 ng/ml



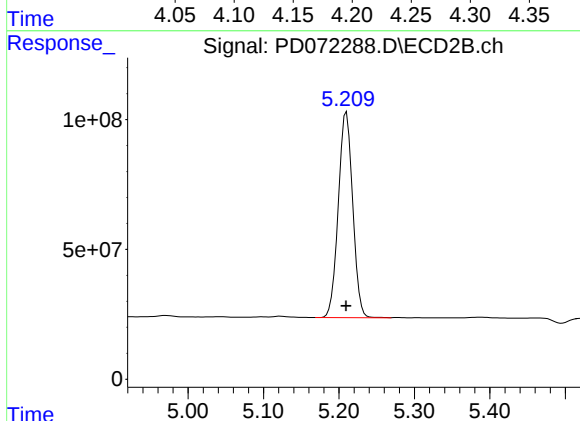
#5 Aldrin

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 175880746
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

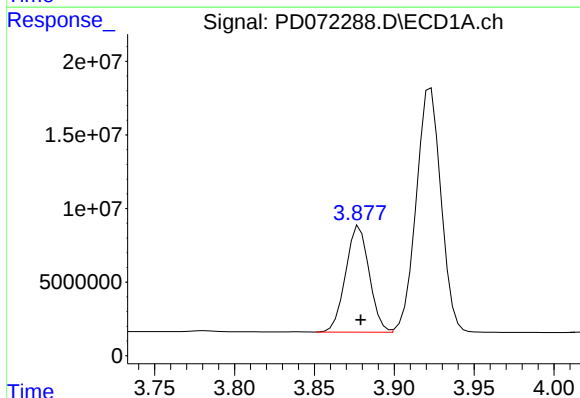
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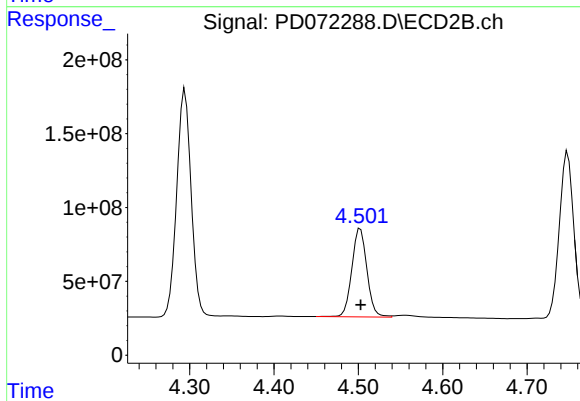
#5 Aldrin

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 1052586784
Conc: 43.61 ng/ml



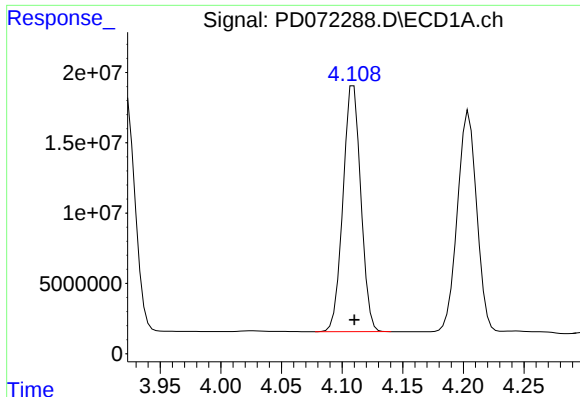
#6 beta-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 74158975
Conc: 47.94 ng/ml



#6 beta-BHC

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 743629730
Conc: 44.62 ng/ml



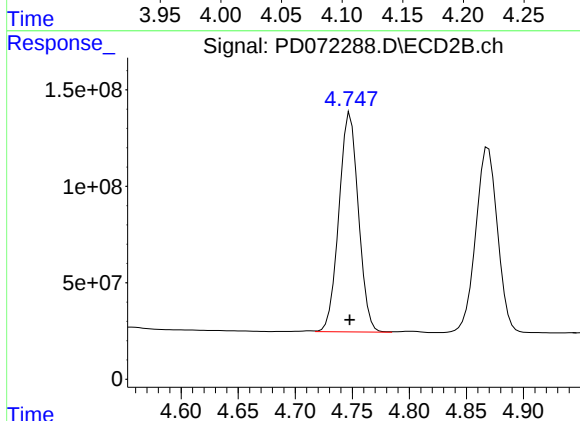
#7 delta-BHC

R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 178738805
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

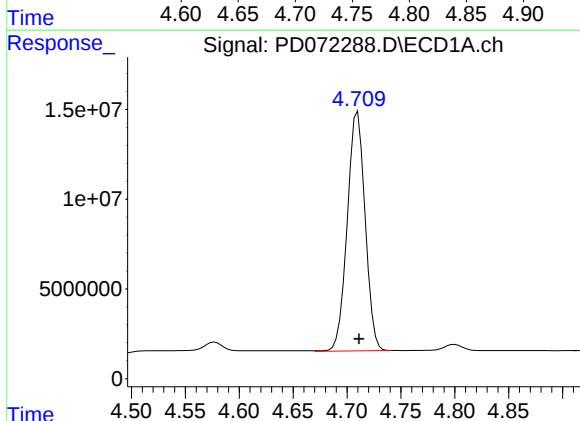
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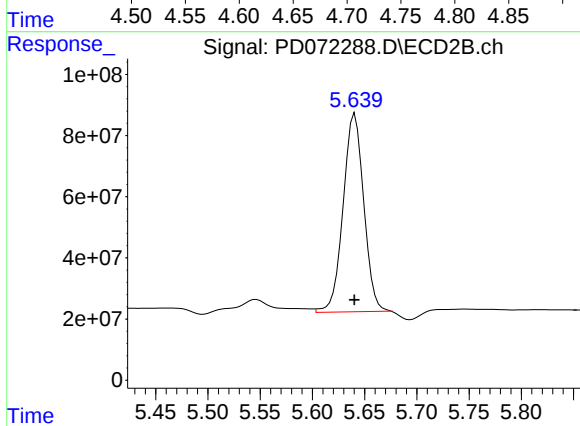
#7 delta-BHC

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 1352146264
Conc: 45.67 ng/ml



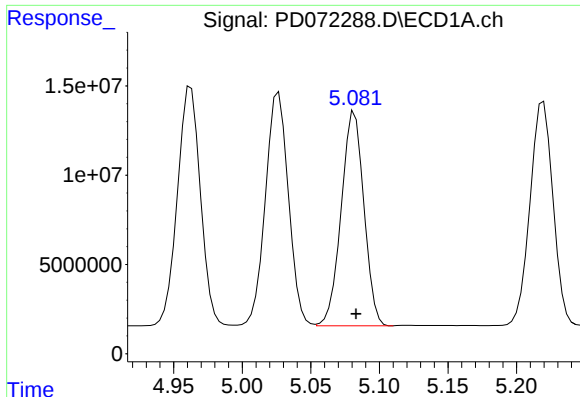
#8 Heptachlor epoxide

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 153759825
Conc: 48.24 ng/ml



#8 Heptachlor epoxide

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 888200641
Conc: 46.77 ng/ml



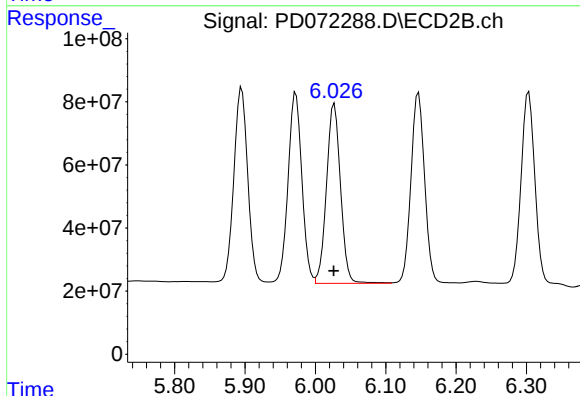
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 138457770
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

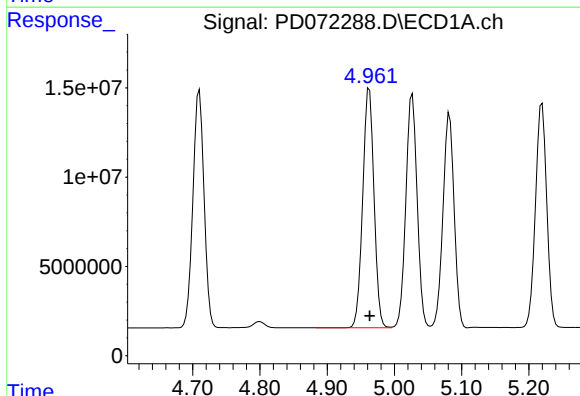
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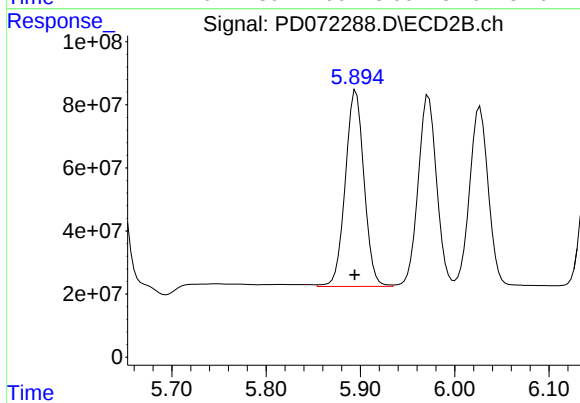
#9 Endosulfan I

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 790586248
Conc: 46.58 ng/ml



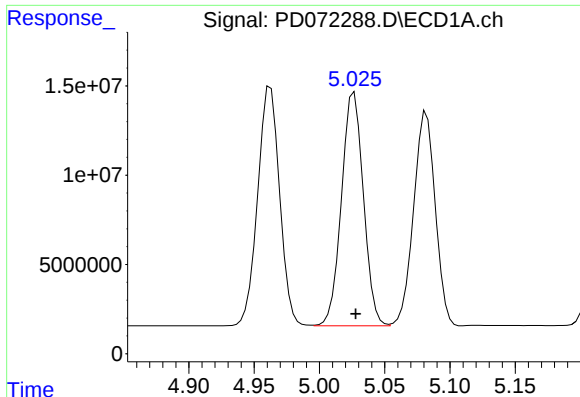
#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 156702474
Conc: 47.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.001 min
Response: 859930162
Conc: 46.39 ng/ml



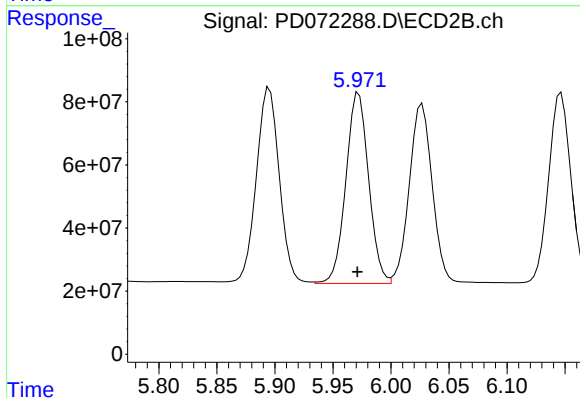
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: -0.001 min
Response: 152894280
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

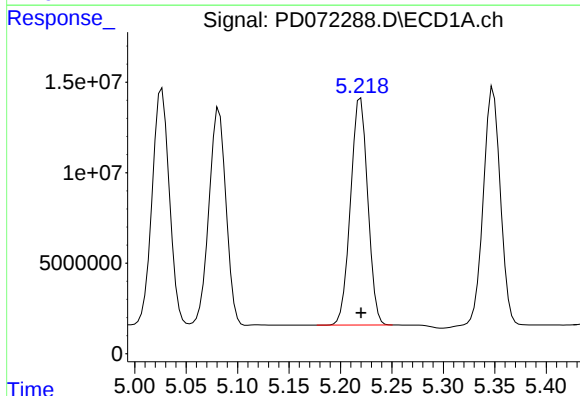
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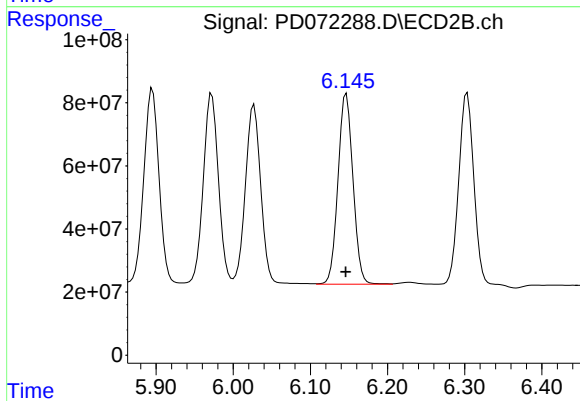
#11 alpha-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 825739673
Conc: 46.00 ng/ml



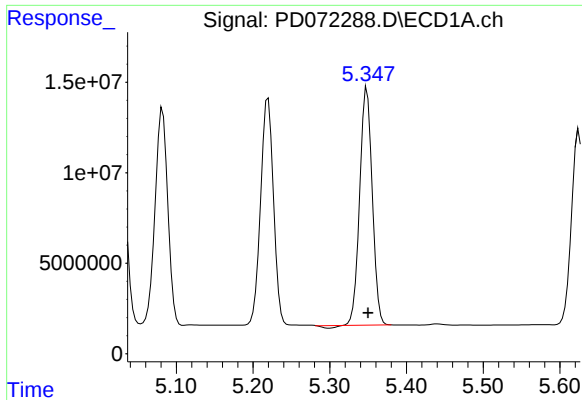
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 146187882
Conc: 48.03 ng/ml



#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 815549875
Conc: 45.85 ng/ml



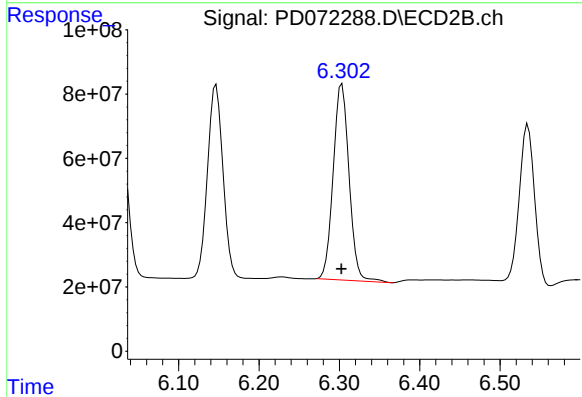
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 149112802
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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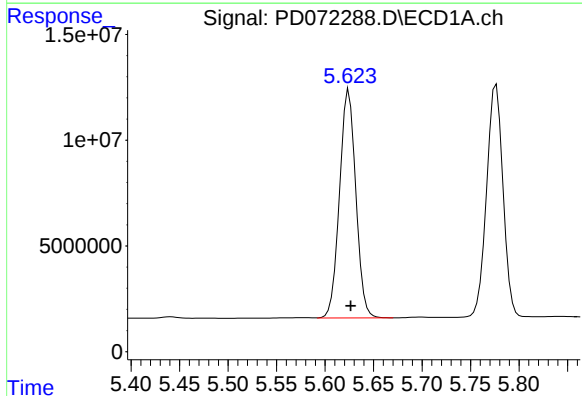
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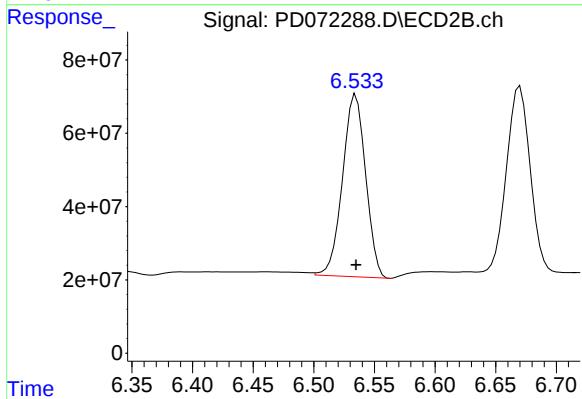
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 838831631
Conc: 48.15 ng/ml



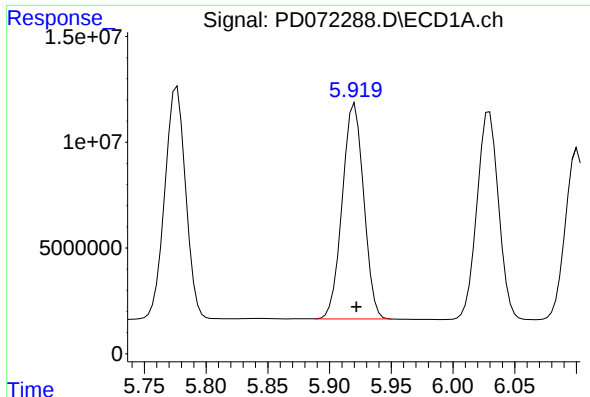
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 125940174
Conc: 46.41 ng/ml



#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 660362933
Conc: 46.74 ng/ml



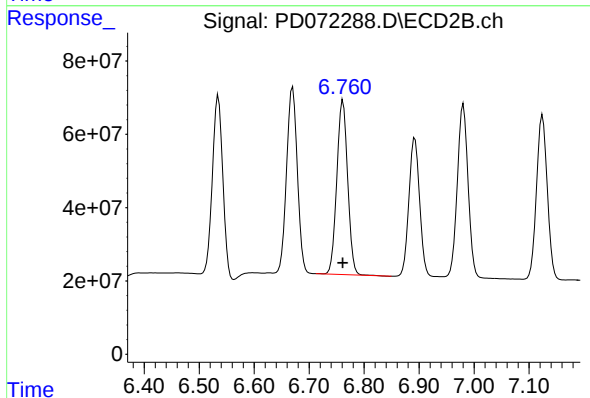
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 123125011
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

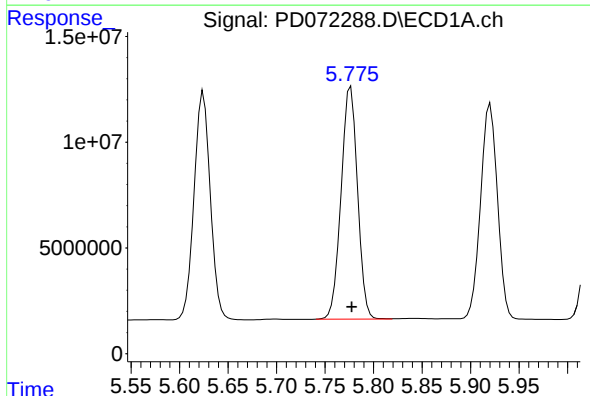
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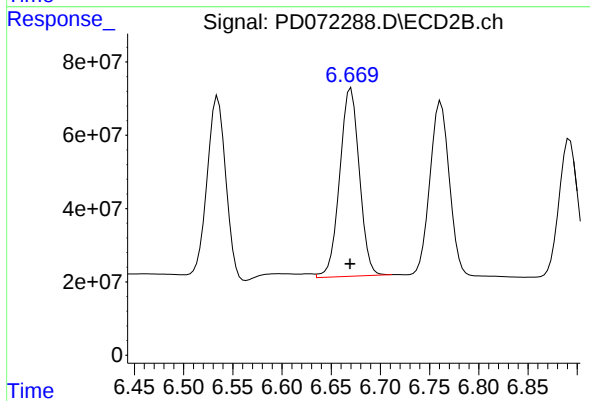
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 654800252
Conc: 48.50 ng/ml



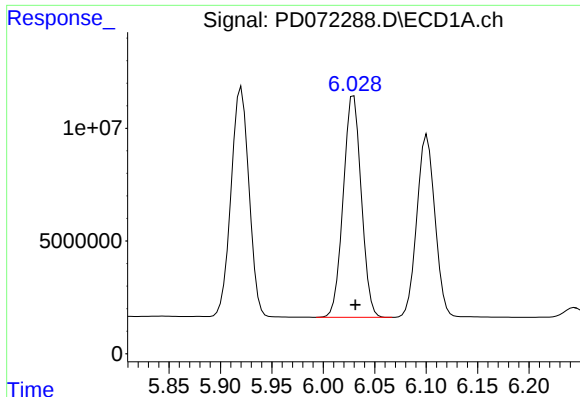
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 129530353
Conc: 49.62 ng/ml



#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 712448104
Conc: 51.26 ng/ml



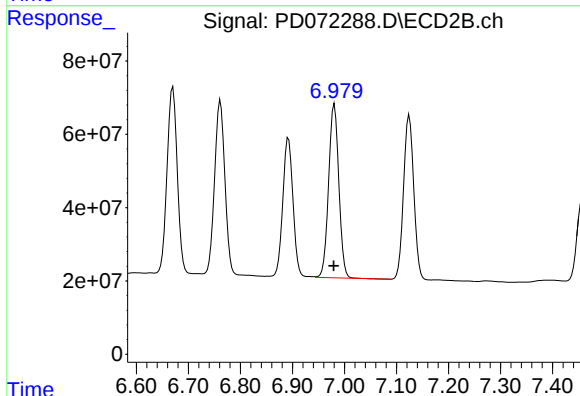
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 119886278
Conc: 45.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

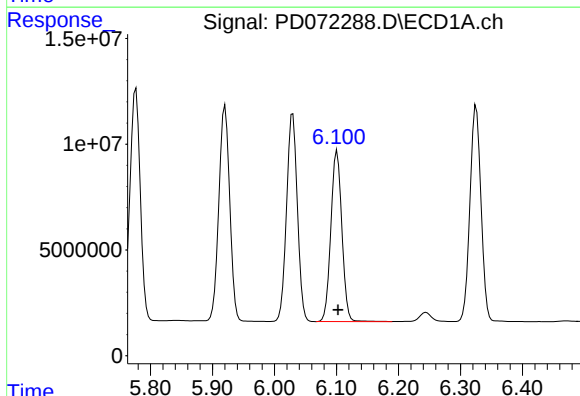
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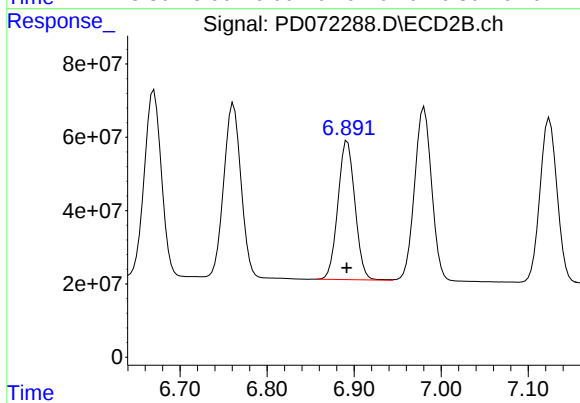
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 646768021
Conc: 45.84 ng/ml



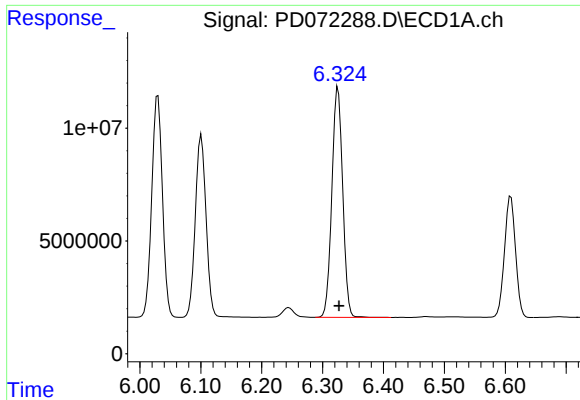
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 99825360
Conc: 46.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 514743717
Conc: 47.46 ng/ml



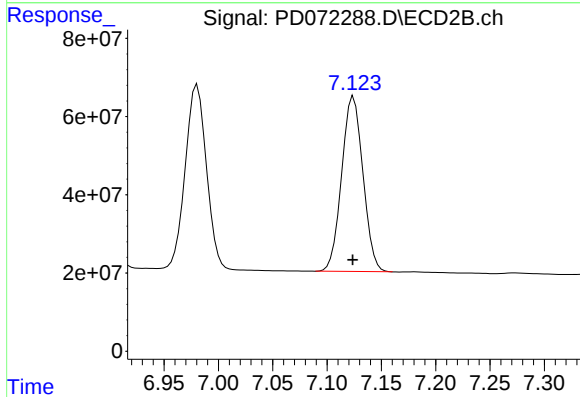
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.001 min
Response: 126334938
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

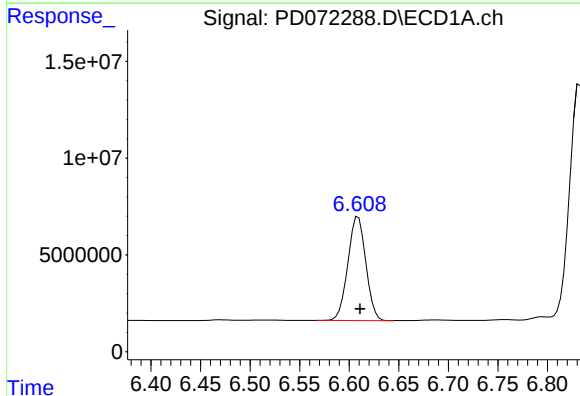
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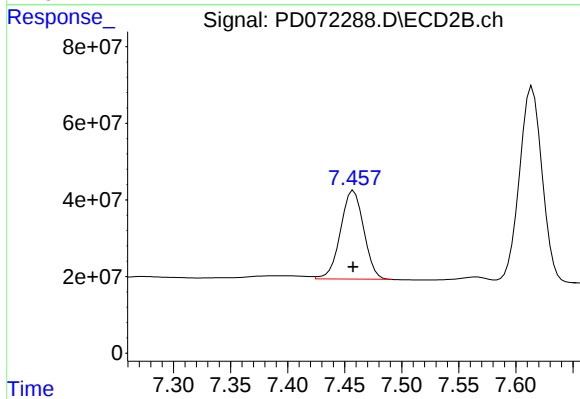
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 610539717
Conc: 48.22 ng/ml



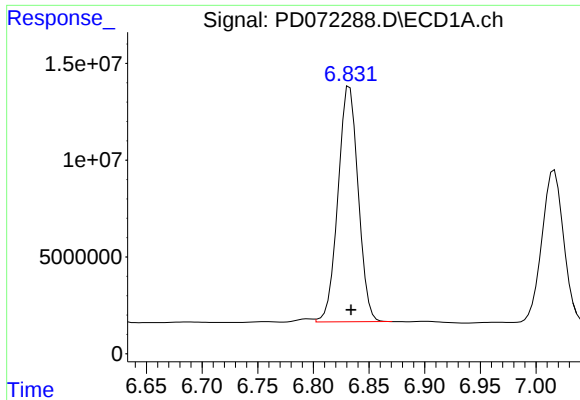
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.002 min
Response: 67803995
Conc: 43.93 ng/ml



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 327402765
Conc: 47.17 ng/ml



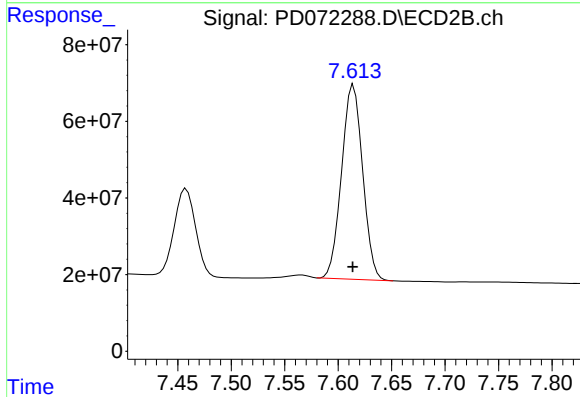
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 153641881
Conc: 48.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

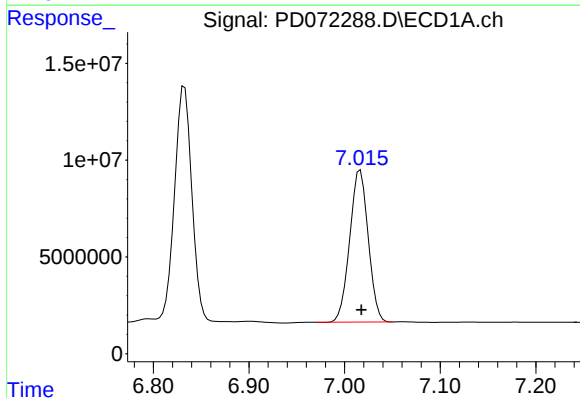
Manual Integrations
APPROVED

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



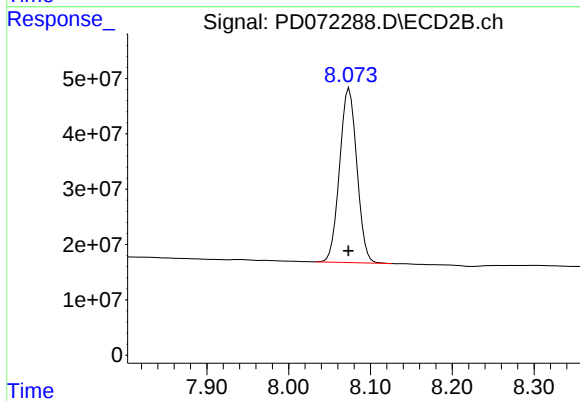
#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 695831391
Conc: 49.64 ng/ml



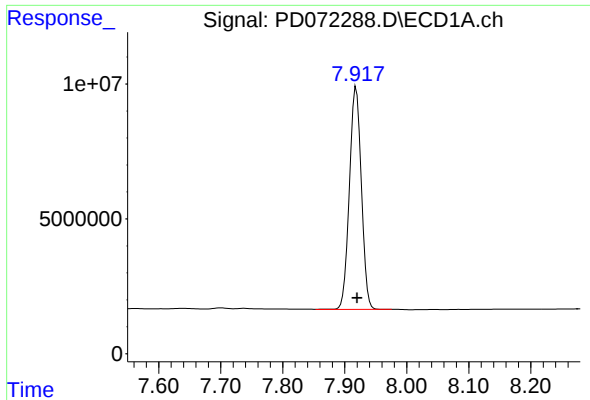
#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 105947716
Conc: 45.53 ng/ml



#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.001 min
Response: 459353471
Conc: 49.49 ng/ml



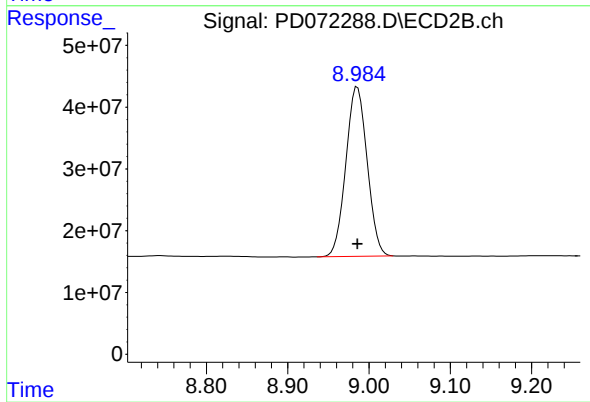
#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.001 min
Response: 110150581
Conc: 43.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 10/10/2022



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 498391907
Conc: 49.61 ng/ml