

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102522\
 Data File : PD072611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 10:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2022
 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:44:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 04:17:06 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...	2.714	3.466	115.8E6	1874.1E6	46.479	56.351
28)	SA Decachlor...	7.847	8.924	99333512	455.0E6	44.134	50.576
Target Compounds							
2)	A alpha-BHC	3.219	3.931	200.4E6	2511.0E6	50.887	54.838
3)	MA gamma-BHC...	3.548	4.265	181.5E6	1919.4E6	55.632m	52.154
4)	MA Heptachlor	3.883	4.832	178.6E6	1331.9E6	49.926	50.934
5)	MB Aldrin	4.162	5.171	175.6E6	1122.4E6	50.860	53.226
6)	B beta-BHC	3.852	4.480	72949652	737.1E6	52.031	51.858
7)	B delta-BHC	4.082	4.725	182.1E6	1504.9E6	51.193	53.133
8)	B Heptachlo...	4.668	5.604	155.8E6	939.4E6	50.744	53.986
9)	A Endosulfan I	5.037	5.988	144.6E6	841.9E6	50.202	55.187
10)	B gamma-Chl...	4.916	5.857	158.9E6	908.4E6	50.131	55.136
11)	B alpha-Chl...	4.980	5.933	155.0E6	883.1E6	49.977	54.722
12)	B 4,4'-DDE	5.169	6.106	149.5E6	864.7E6	50.059	56.503
13)	MA Dieldrin	5.303	6.265	152.7E6	874.1E6	49.974	55.314
14)	MA Endrin	5.580	6.497	126.0E6	678.7E6	46.400	50.821
15)	B Endosulfa...	5.877	6.727	119.7E6	660.5E6	48.960	53.732
16)	A 4,4'-DDD	5.727	6.631	126.1E6	709.7E6	51.409	57.599
17)	MA 4,4'-DDT	5.975	6.939	109.9E6	639.1E6	46.919	53.612
18)	B Endrin al...	6.060	6.858	94283994	518.5E6	47.937	53.722
19)	B Endosulfa...	6.283	7.091	119.0E6	619.5E6	47.342	54.656
20)	A Methoxychlor	6.558	7.418	59285206	301.6E6	44.069	50.932
21)	B Endrin ke...	6.793	7.581	142.0E6	670.0E6	47.525	53.696
22)	Mirex	6.957	8.029	96364139	418.4E6	45.303	50.330

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

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 Data File : PD072611.D
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 Acq On : 25 Oct 2022 10:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

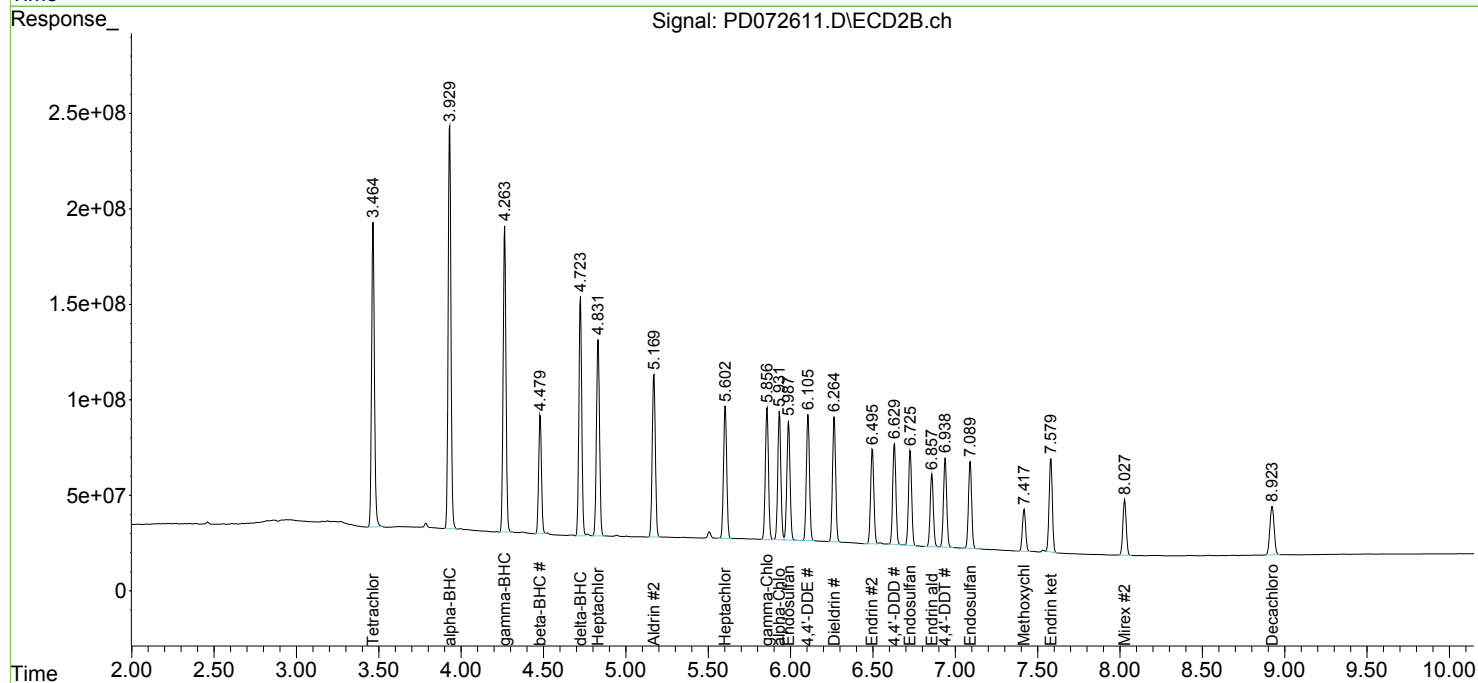
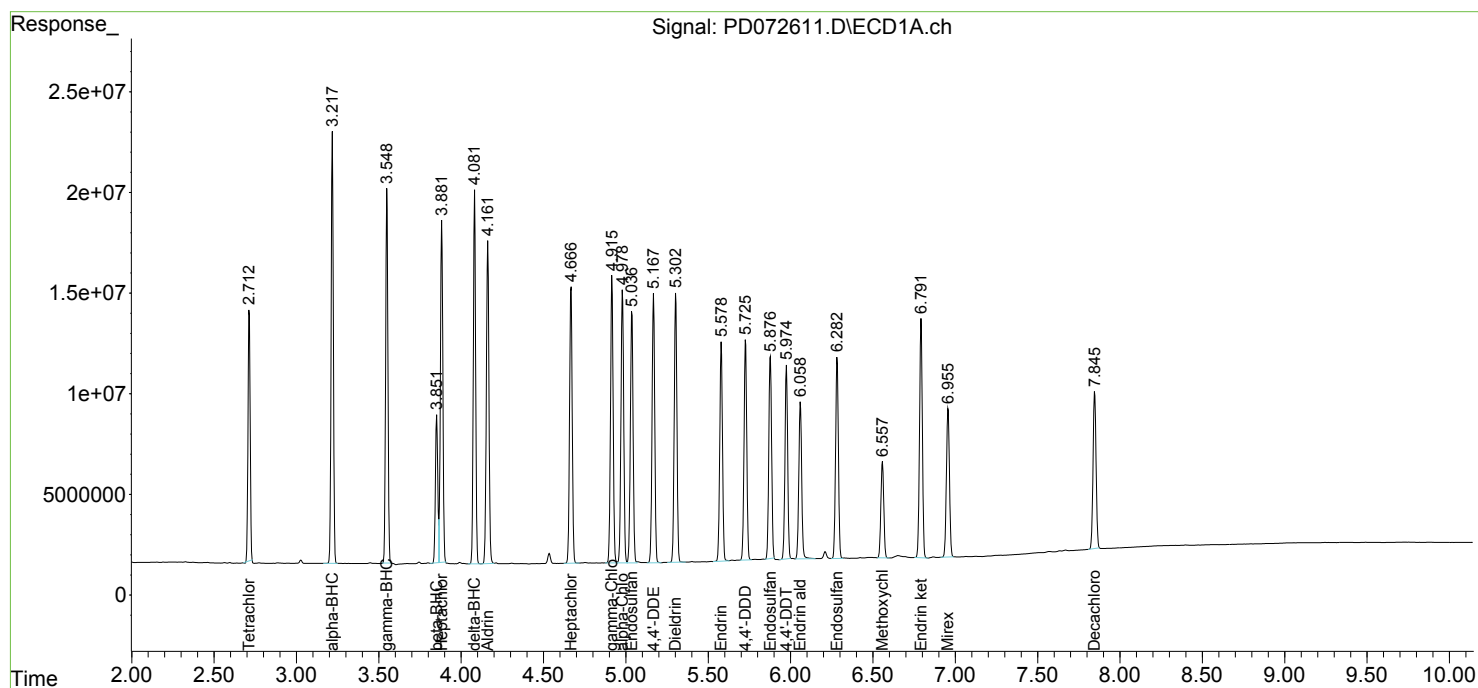
Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

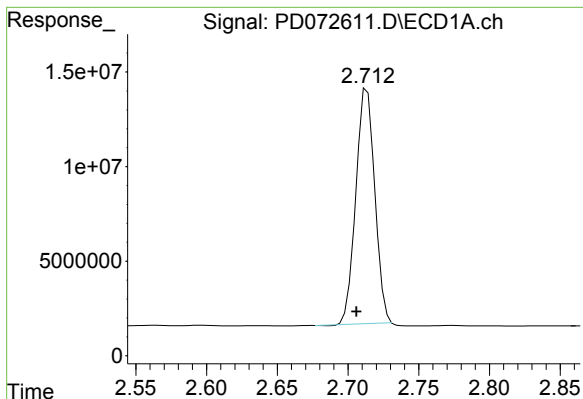
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:44:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
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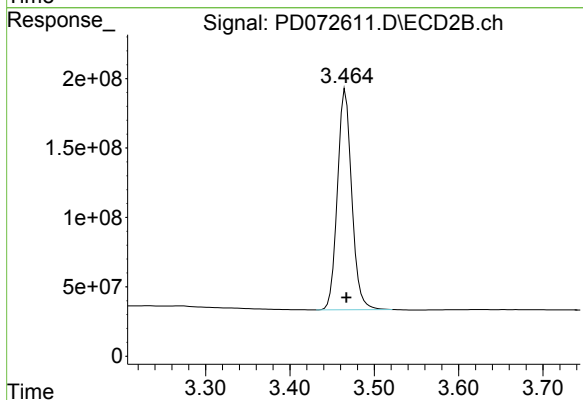
#1 Tetrachloro-m-xylene

R.T.: 2.714 min
Delta R.T.: 0.008 min
Response: 115807696
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

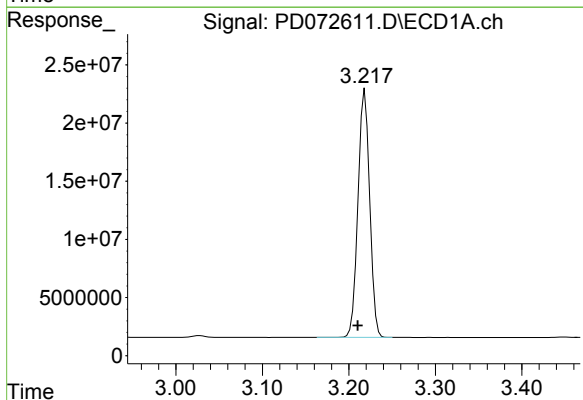
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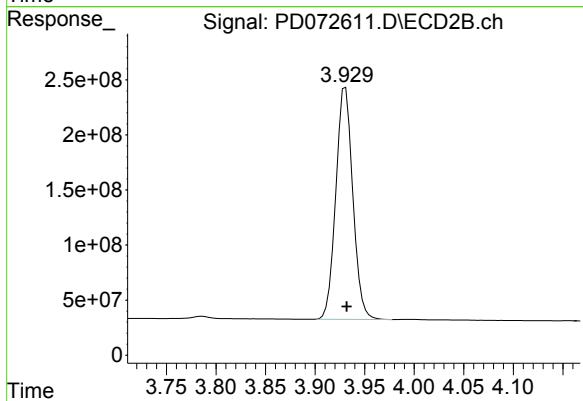
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: -0.001 min
Response: 1874086603
Conc: 56.35 ng/ml



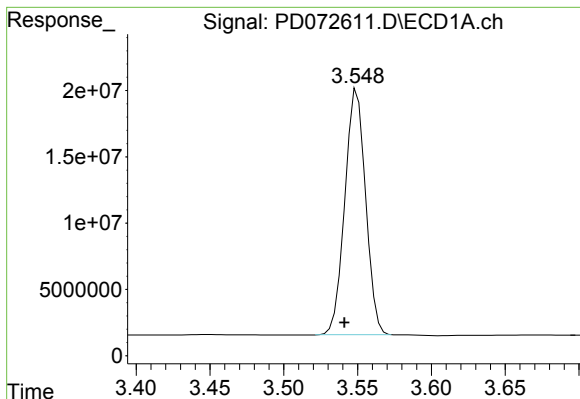
#2 alpha-BHC

R.T.: 3.219 min
Delta R.T.: 0.008 min
Response: 200390835
Conc: 50.89 ng/ml



#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 2510973909
Conc: 54.84 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.548 min
Delta R.T.: 0.007 min
Response: 181499347
Conc: 55.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

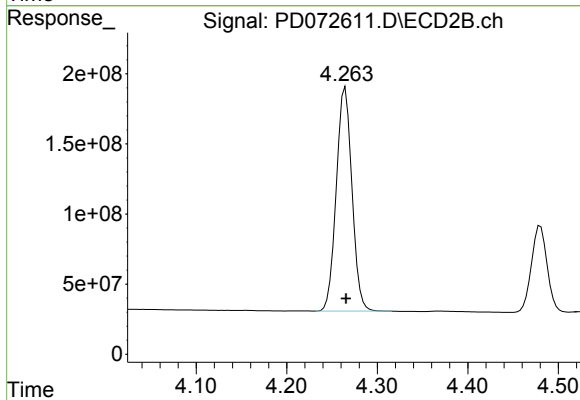
PSTDCCC050

Manual Integrations

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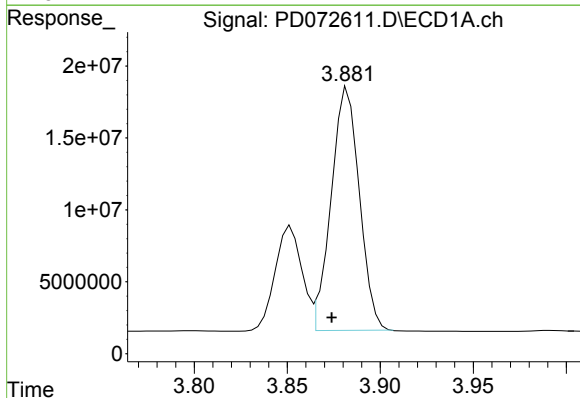
Reviewed By :Abdul Mirza 10/26/2022

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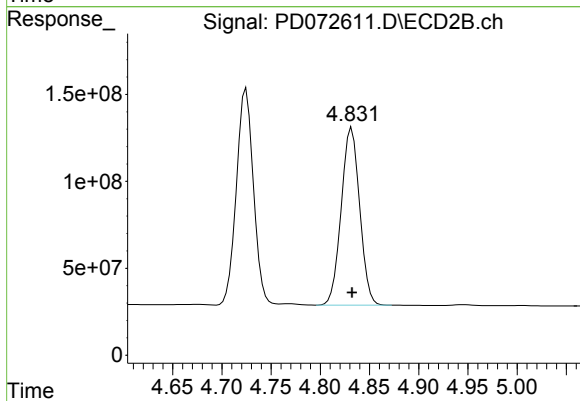
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1919387163
Conc: 52.15 ng/ml



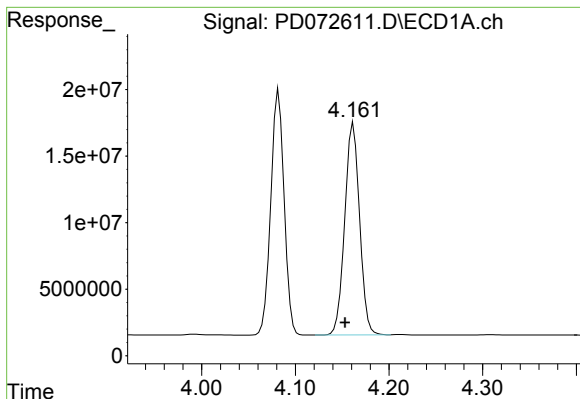
#4 Heptachlor

R.T.: 3.883 min
Delta R.T.: 0.009 min
Response: 178620366
Conc: 49.93 ng/ml



#4 Heptachlor

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 1331930550
Conc: 50.93 ng/ml



#5 Aldrin

R.T.: 4.162 min
Delta R.T.: 0.009 min
Response: 175625515
Conc: 50.86 ng/ml

Instrument :

ECD_D

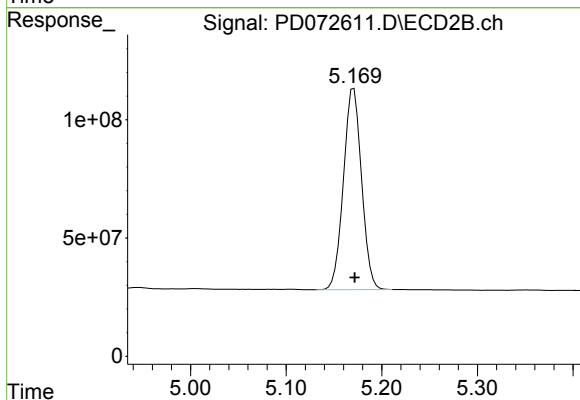
ClientSampleId :

PSTDCCC050

Manual Integrations

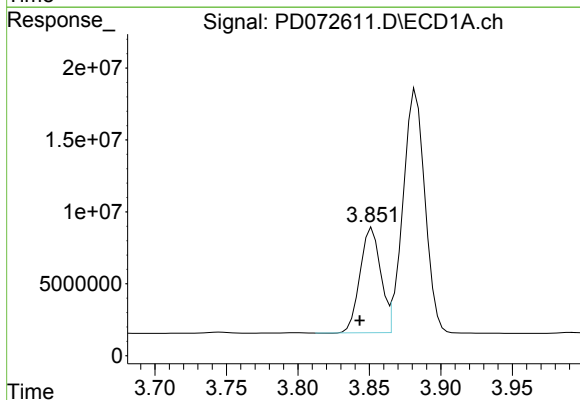
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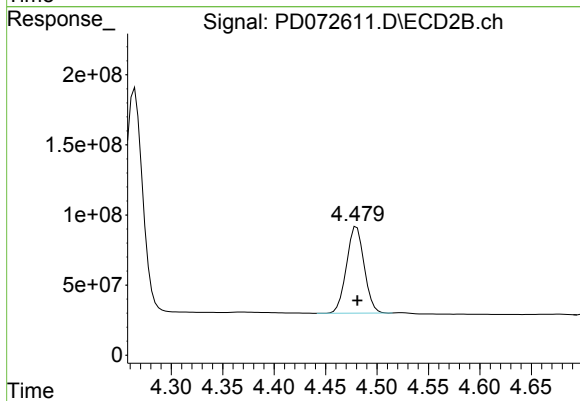
#5 Aldrin

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 1122435571
Conc: 53.23 ng/ml



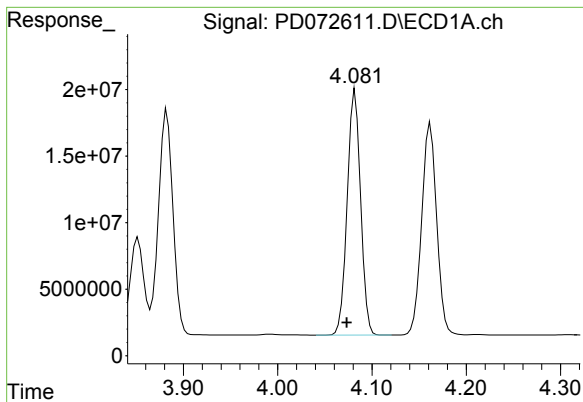
#6 beta-BHC

R.T.: 3.852 min
Delta R.T.: 0.009 min
Response: 72949652
Conc: 52.03 ng/ml



#6 beta-BHC

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 737102490
Conc: 51.86 ng/ml



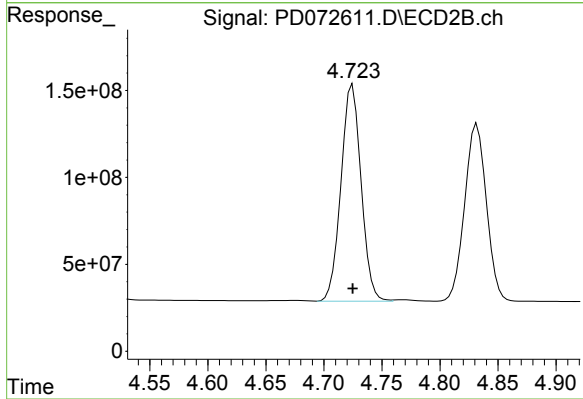
#7 delta-BHC

R.T.: 4.082 min
Delta R.T.: 0.009 min
Response: 182145657
Conc: 51.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

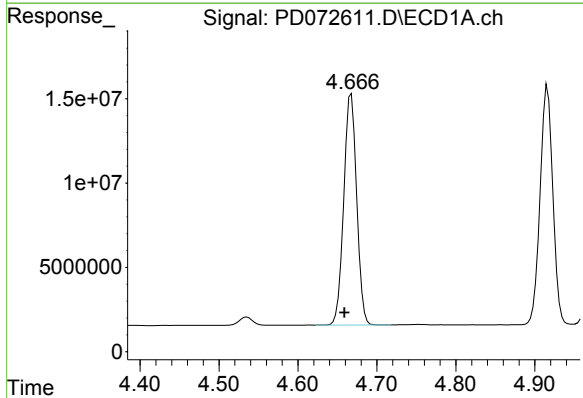
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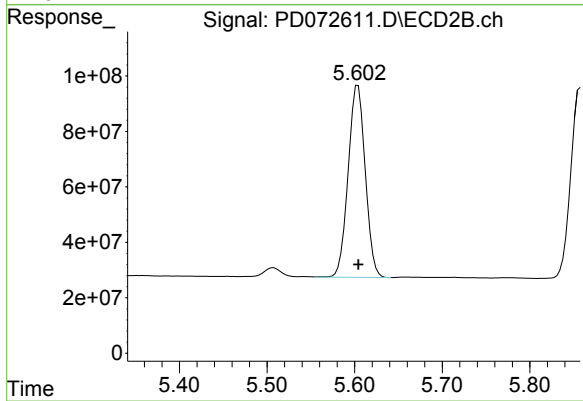
#7 delta-BHC

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 1504922020
Conc: 53.13 ng/ml



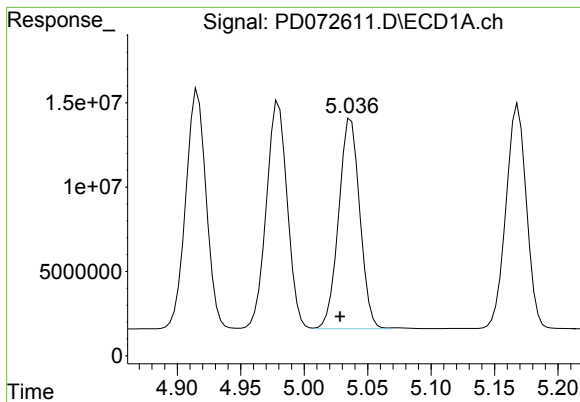
#8 Heptachlor epoxide

R.T.: 4.668 min
Delta R.T.: 0.009 min
Response: 155780898
Conc: 50.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 939359563
Conc: 53.99 ng/ml



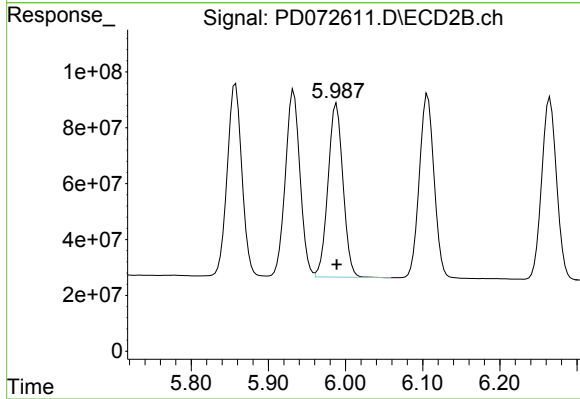
#9 Endosulfan I

R.T.: 5.037 min
Delta R.T.: 0.009 min
Response: 144640113
Conc: 50.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

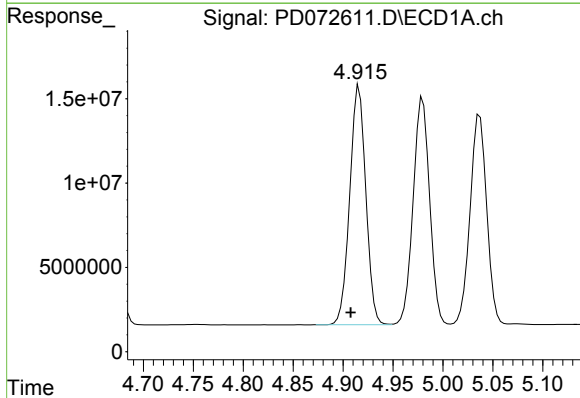
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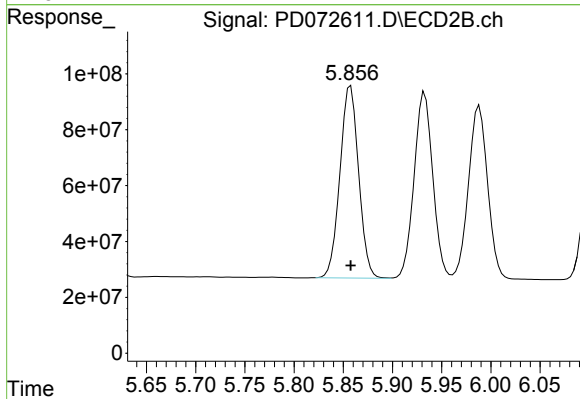
#9 Endosulfan I

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 841925726
Conc: 55.19 ng/ml



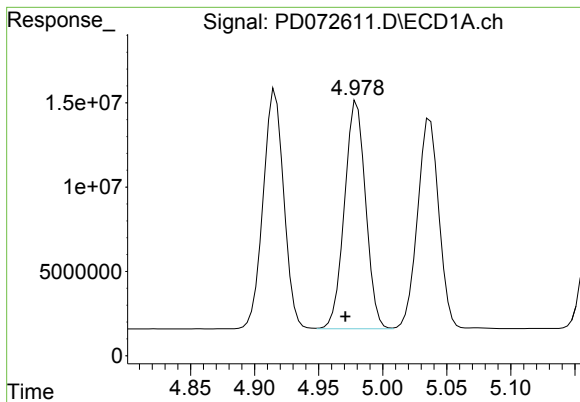
#10 gamma-Chlordane

R.T.: 4.916 min
Delta R.T.: 0.008 min
Response: 158920190
Conc: 50.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 908368241
Conc: 55.14 ng/ml



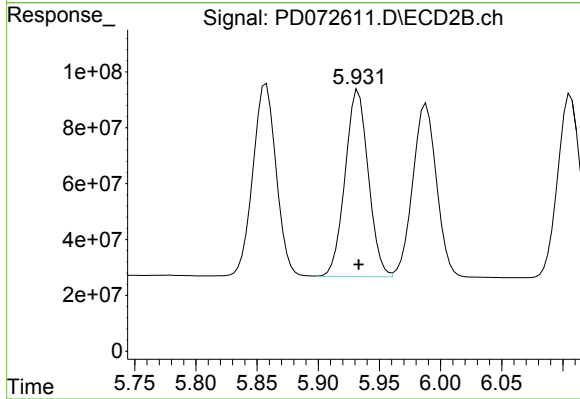
#11 alpha-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.009 min
Response: 155047803
Conc: 49.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

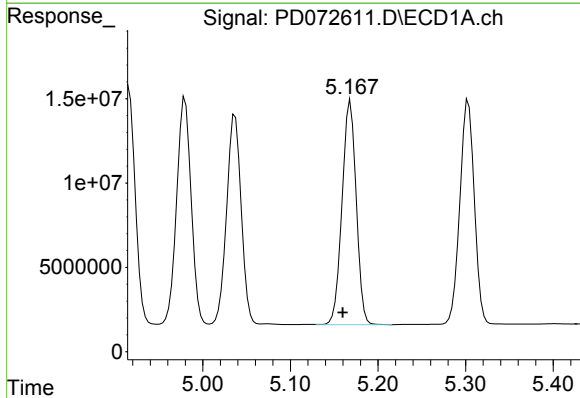
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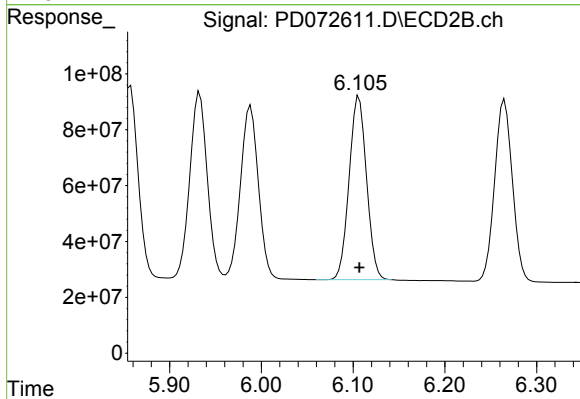
#11 alpha-Chlordane

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 883133234
Conc: 54.72 ng/ml



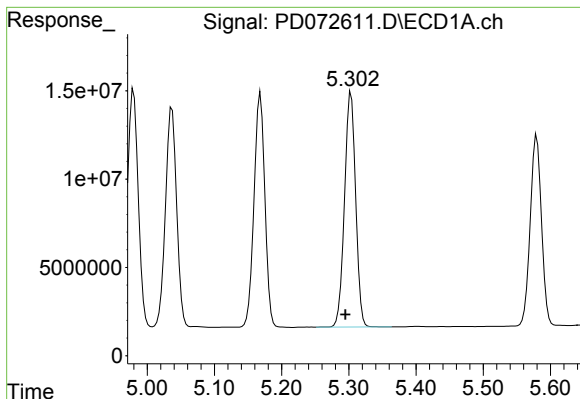
#12 4,4'-DDE

R.T.: 5.169 min
Delta R.T.: 0.009 min
Response: 149541391
Conc: 50.06 ng/ml



#12 4,4'-DDE

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 864696619
Conc: 56.50 ng/ml



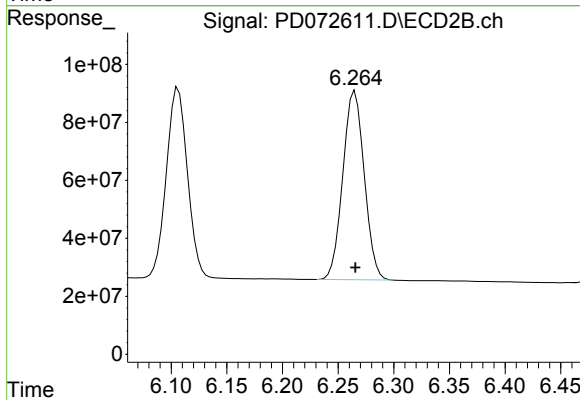
#13 Dieldrin

R.T.: 5.303 min
Delta R.T.: 0.009 min
Response: 152701712
Conc: 49.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

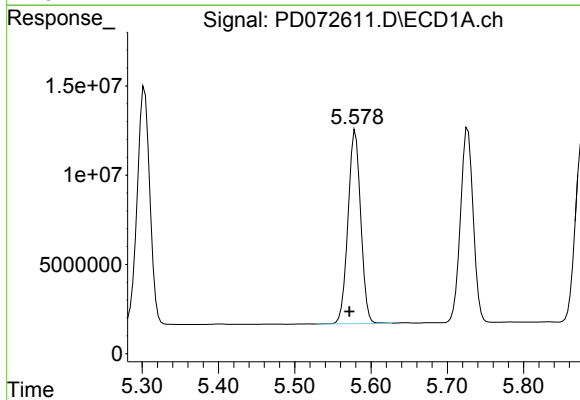
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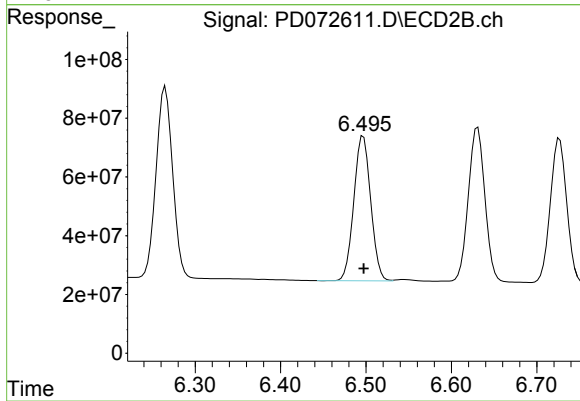
#13 Dieldrin

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 874068391
Conc: 55.31 ng/ml



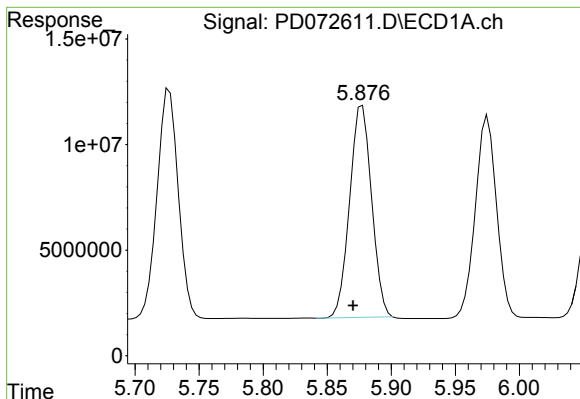
#14 Endrin

R.T.: 5.580 min
Delta R.T.: 0.008 min
Response: 125984528
Conc: 46.40 ng/ml



#14 Endrin

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 678736533
Conc: 50.82 ng/ml



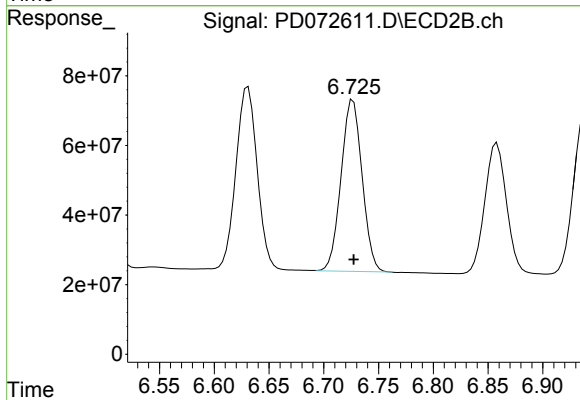
#15 Endosulfan II

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 119714041
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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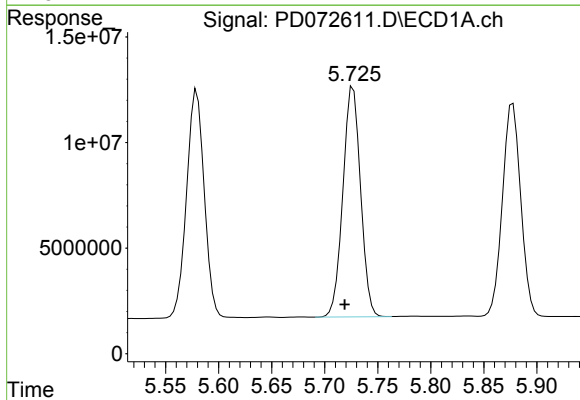
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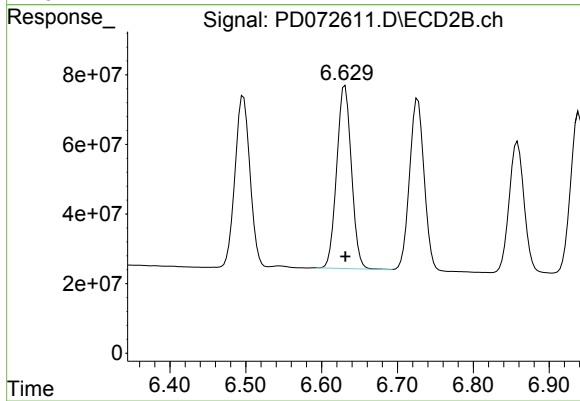
#15 Endosulfan II

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 660470106
Conc: 53.73 ng/ml



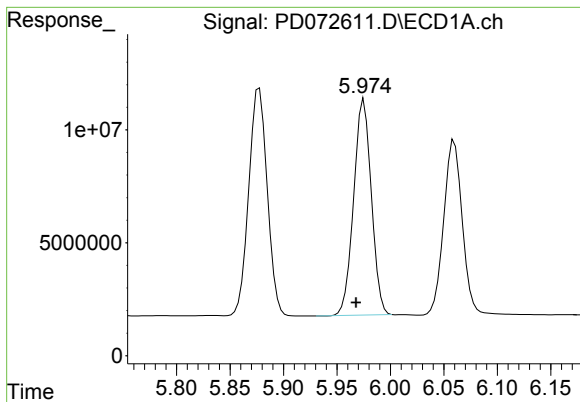
#16 4,4'-DDD

R.T.: 5.727 min
Delta R.T.: 0.008 min
Response: 126146736
Conc: 51.41 ng/ml



#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 709695378
Conc: 57.60 ng/ml



#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.007 min
Response: 109892527
Conc: 46.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

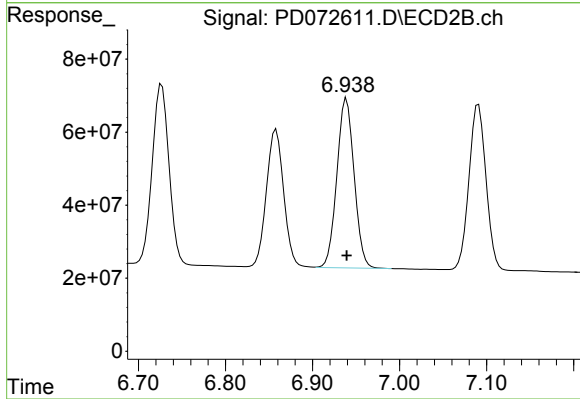
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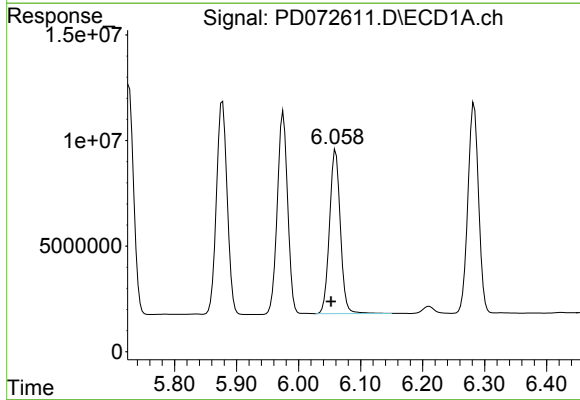
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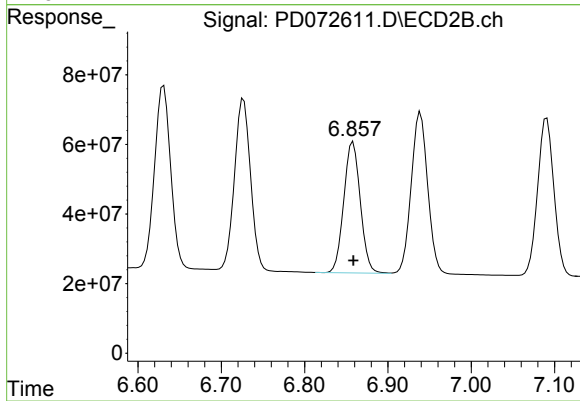
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 639131573
Conc: 53.61 ng/ml



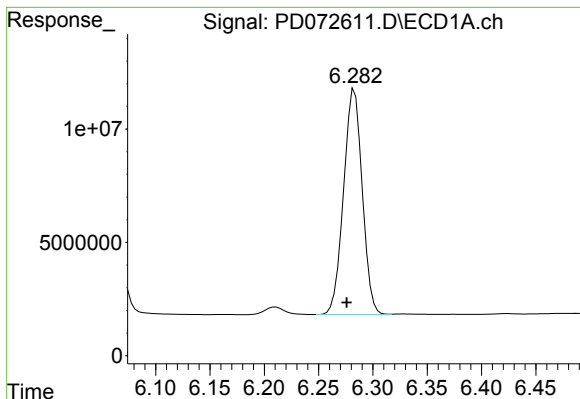
#18 Endrin aldehyde

R.T.: 6.060 min
Delta R.T.: 0.007 min
Response: 94283994
Conc: 47.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 518506637
Conc: 53.72 ng/ml



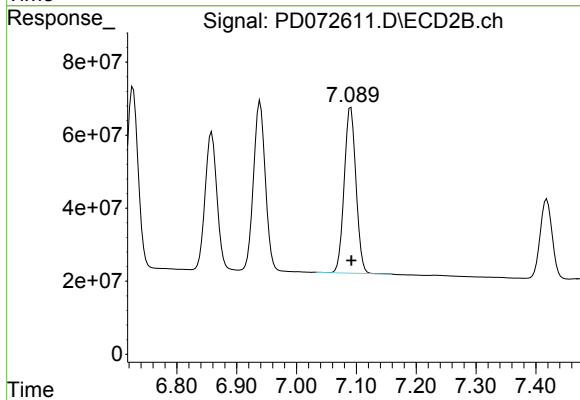
#19 Endosulfan Sulfate

R.T.: 6.283 min
Delta R.T.: 0.007 min
Response: 119029170
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

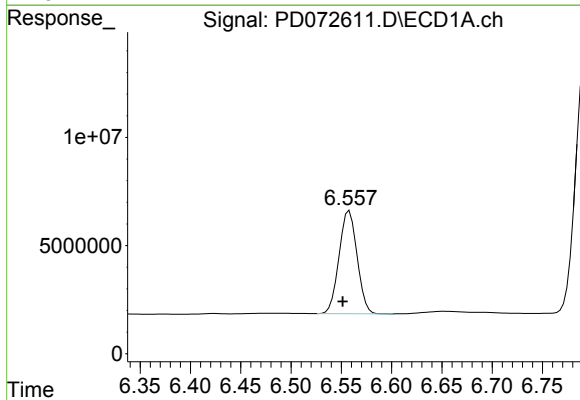
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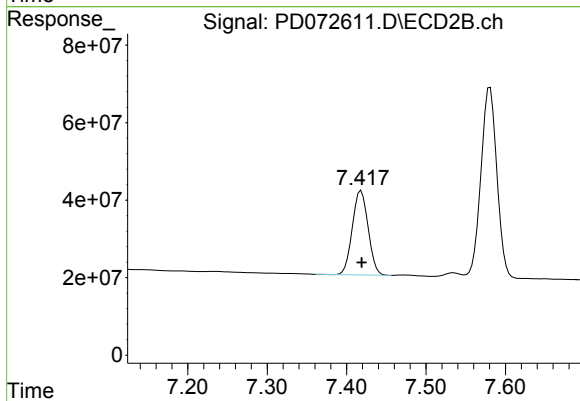
#19 Endosulfan Sulfate

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 619536898
Conc: 54.66 ng/ml



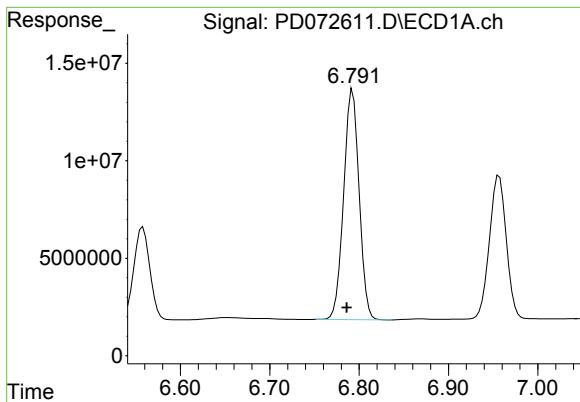
#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.007 min
Response: 59285206
Conc: 44.07 ng/ml



#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 301580765
Conc: 50.93 ng/ml



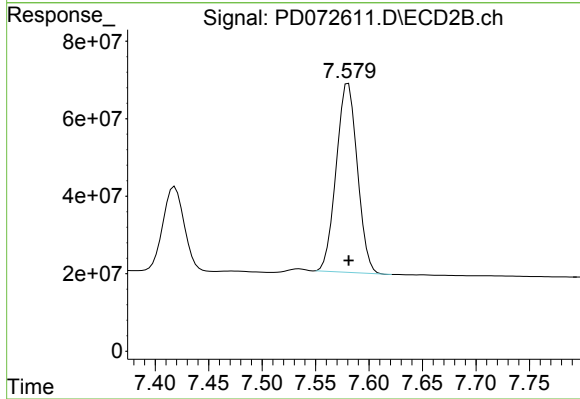
#21 Endrin ketone

R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 141971458
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

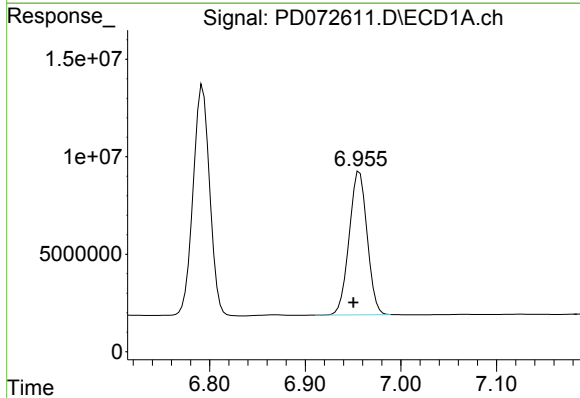
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2022
Supervised By :Ankita Jodhani 10/27/2022



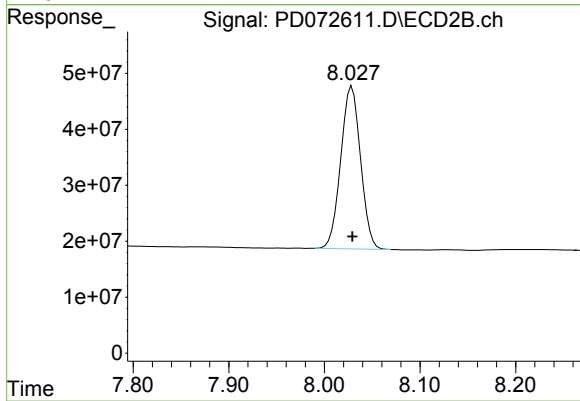
#21 Endrin ketone

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 670030664
Conc: 53.70 ng/ml



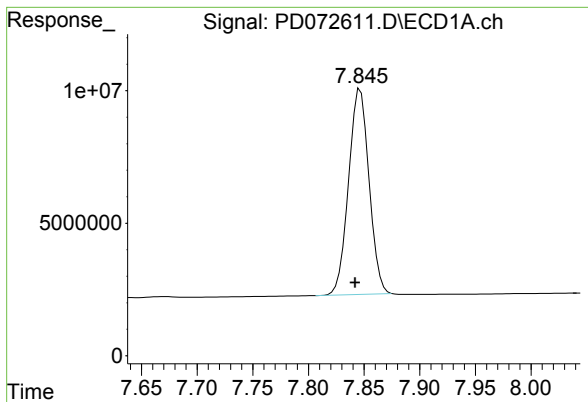
#22 Mirex

R.T.: 6.957 min
Delta R.T.: 0.006 min
Response: 96364139
Conc: 45.30 ng/ml



#22 Mirex

R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 418377897
Conc: 50.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: 0.005 min
Response: 99333512
Conc: 44.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

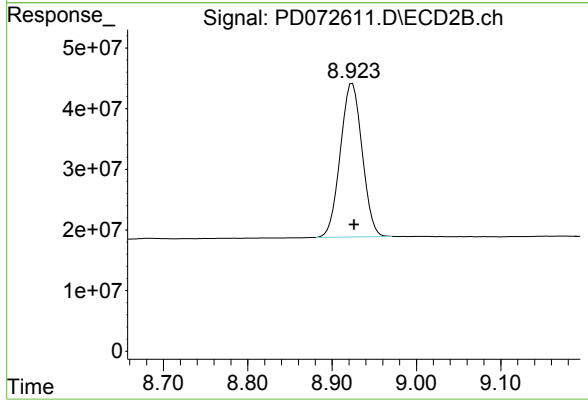
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.924 min
Delta R.T.: -0.002 min
Response: 455030281
Conc: 50.58 ng/ml