

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102122\
 Data File : PD072557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2022
 Supervised By : Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:50:41 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 x 0.2 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...	2.713	3.466	122.4E6	1735.8E6	49.135m	52.193
28)	SA Decachlor...	7.849	8.925	108.4E6	460.0E6	48.182	51.133
Target Compounds							
2)	A alpha-BHC	3.220	3.931	199.7E6	2351.0E6	50.710	51.344
3)	MA gamma-BHC...	3.549	4.265	178.3E6	1833.6E6	54.665m	49.822
4)	MA Heptachlor	3.884	4.832	179.5E6	1296.9E6	50.179	49.593
5)	MB Aldrin	4.163	5.170	174.8E6	1046.7E6	50.621	49.633
6)	B beta-BHC	3.853	4.480	71096768	704.4E6	50.661	49.556
7)	B delta-BHC	4.083	4.724	180.8E6	1449.6E6	50.805	51.181
8)	B Heptachlo...	4.669	5.603	157.6E6	887.6E6	51.342	51.012
9)	A Endosulfan I	5.038	5.987	147.5E6	781.0E6	51.212	51.194
10)	B gamma-Chl...	4.917	5.857	161.7E6	840.3E6	51.008	51.005
11)	B alpha-Chl...	4.981	5.932	158.0E6	818.3E6	50.920	50.703
12)	B 4,4'-DDE	5.170	6.106	153.1E6	786.7E6	51.253	51.409
13)	MA Dieldrin	5.304	6.265	152.2E6	814.4E6	49.799	51.535
14)	MA Endrin	5.581	6.497	135.9E6	649.1E6	50.066	48.601
15)	B Endosulfa...	5.878	6.727	123.1E6	632.3E6	50.346m	51.440
16)	A 4,4'-DDD	5.729	6.631	126.1E6	641.5E6	51.370	52.067
17)	MA 4,4'-DDT	5.977	6.939	119.0E6	633.9E6	50.799	53.176
18)	B Endrin al...	6.061	6.859	98785625	503.2E6	50.226	52.132
19)	B Endosulfa...	6.284	7.091	124.7E6	594.6E6	49.593	52.454
20)	A Methoxychlor	6.560	7.419	65899823	316.6E6	48.986	53.468
21)	B Endrin ke...	6.795	7.580	137.8E6	641.9E6	46.114	51.440
22)	Mirex	6.959	8.028	105.1E6	425.4E6	49.412	51.178

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

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Acq On : 21 Oct 2022 10:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

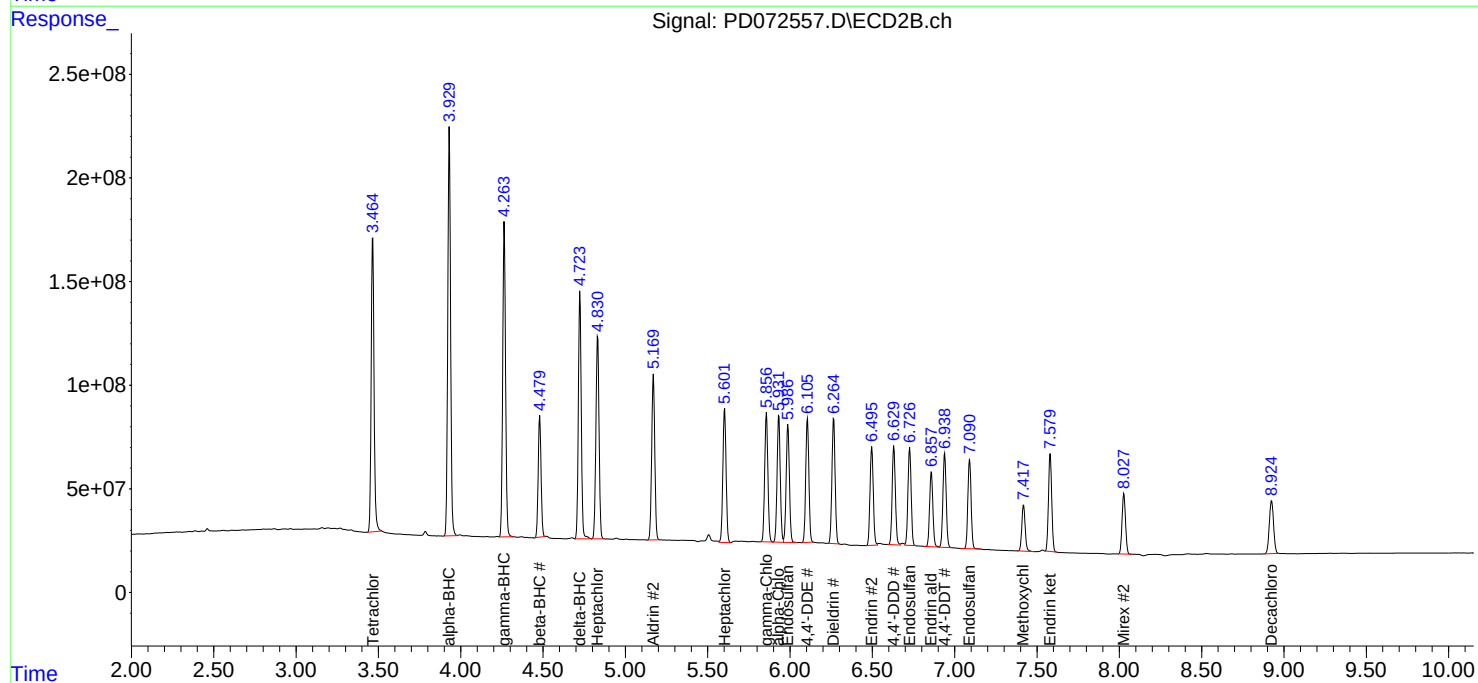
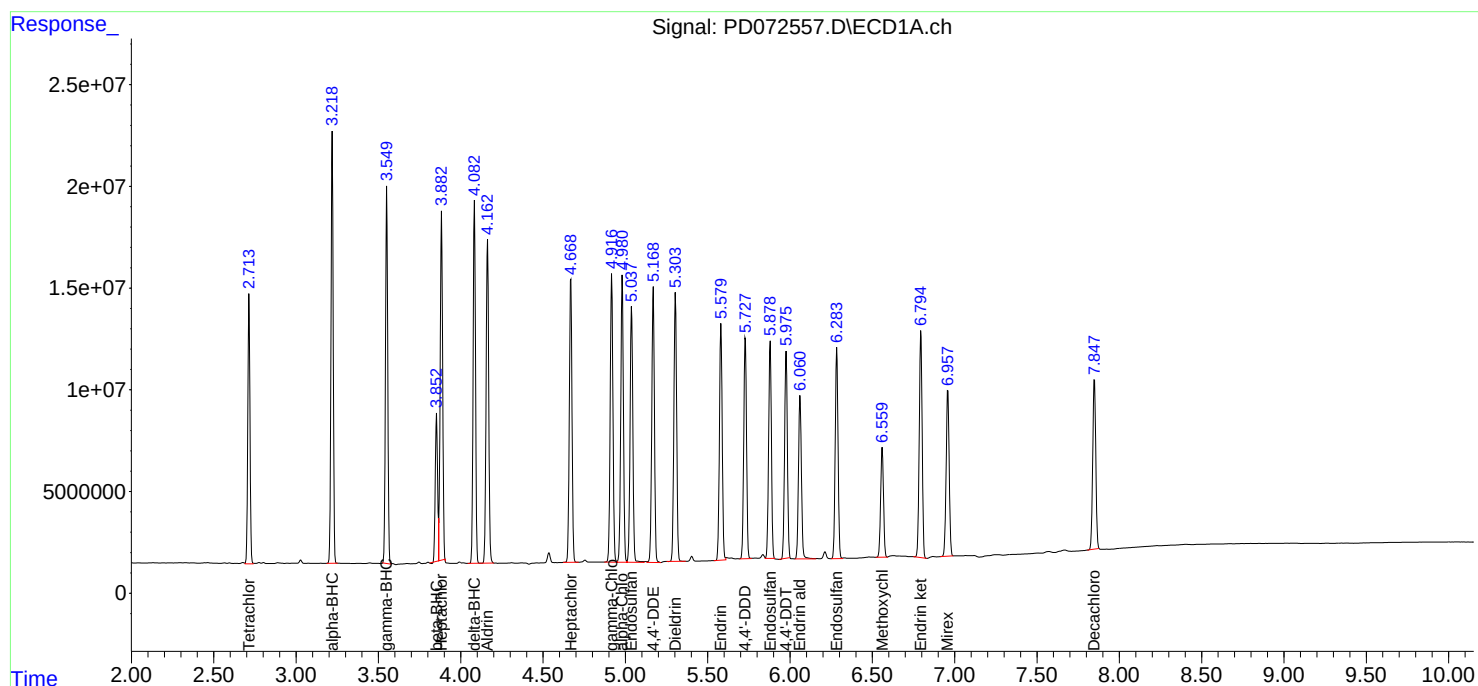
Manual Integrations

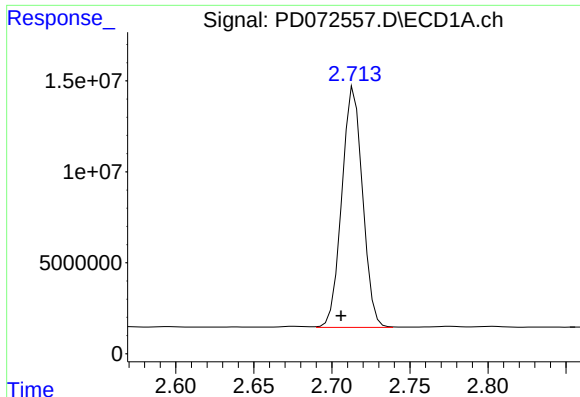
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Reviewed By :Abdul Mirza 10/24/2022
Supervised By :Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:50:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 04:17:06 2022
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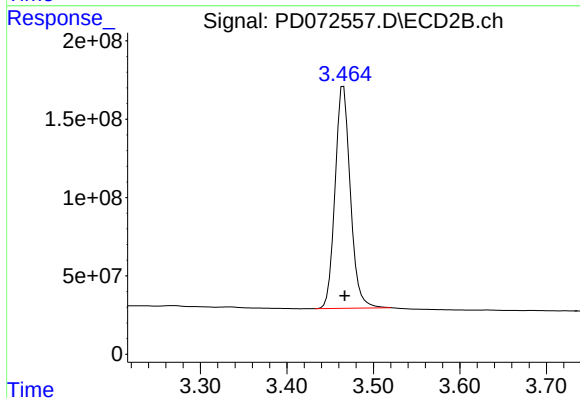
#1 Tetrachloro-m-xylene

R.T.: 2.713 min
Delta R.T.: 0.007 min
Response: 122426492
Conc: 49.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

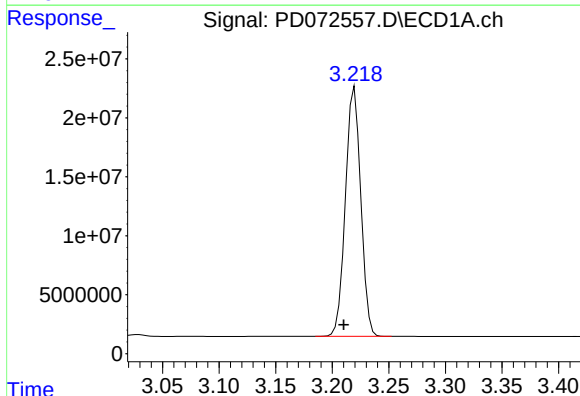
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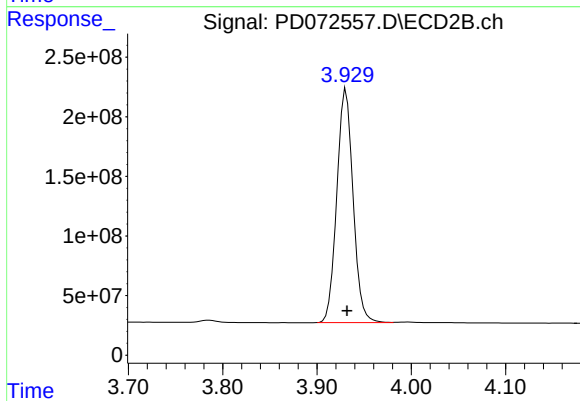
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: -0.001 min
Response: 1735803485
Conc: 52.19 ng/ml



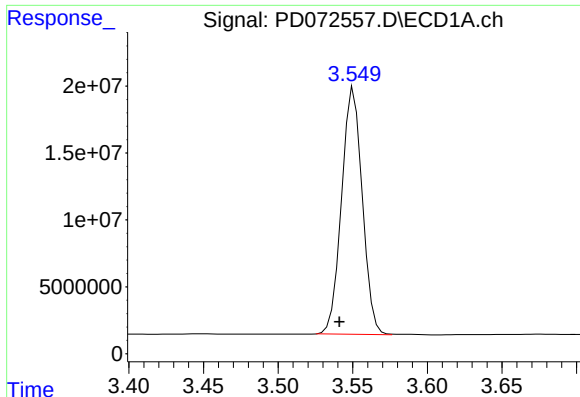
#2 alpha-BHC

R.T.: 3.220 min
Delta R.T.: 0.010 min
Response: 199692264
Conc: 50.71 ng/ml



#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 2350980987
Conc: 51.34 ng/ml



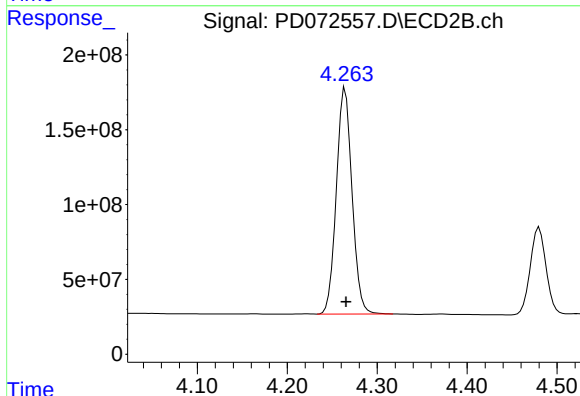
#3 gamma-BHC (Lindane)

R.T.: 3.549 min
Delta R.T.: 0.008 min
Response: 178346643
Conc: 54.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

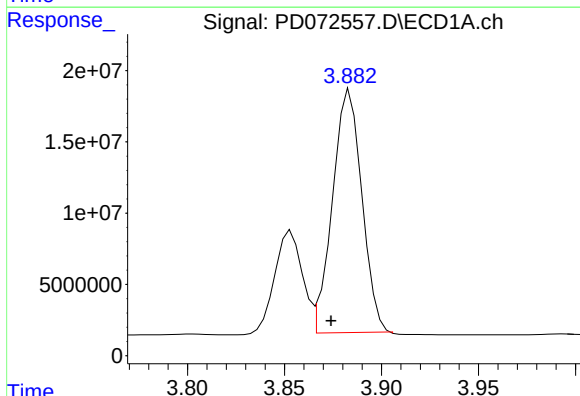
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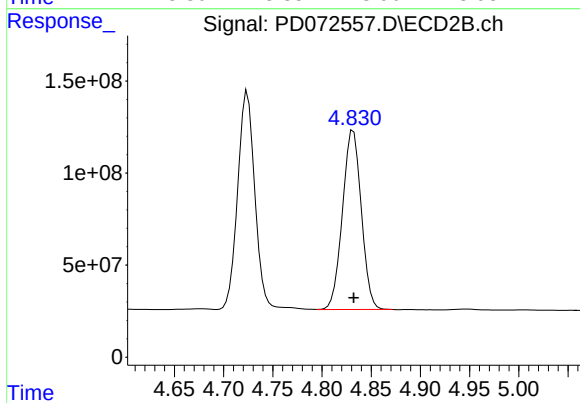
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1833570999
Conc: 49.82 ng/ml



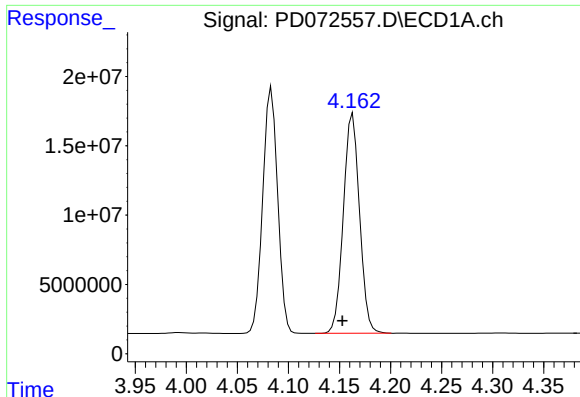
#4 Heptachlor

R.T.: 3.884 min
Delta R.T.: 0.010 min
Response: 179523872
Conc: 50.18 ng/ml



#4 Heptachlor

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 1296874119
Conc: 49.59 ng/ml



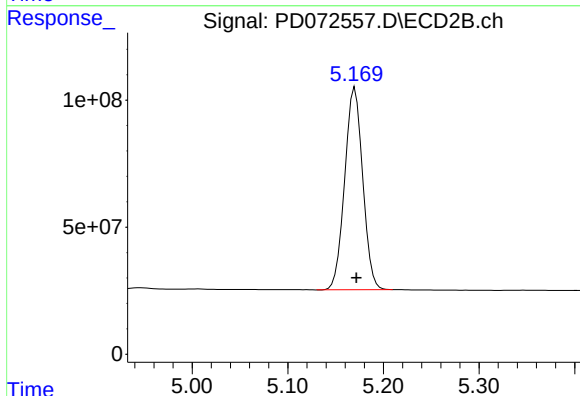
#5 Aldrin

R.T.: 4.163 min
Delta R.T.: 0.010 min
Response: 174798385
Conc: 50.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

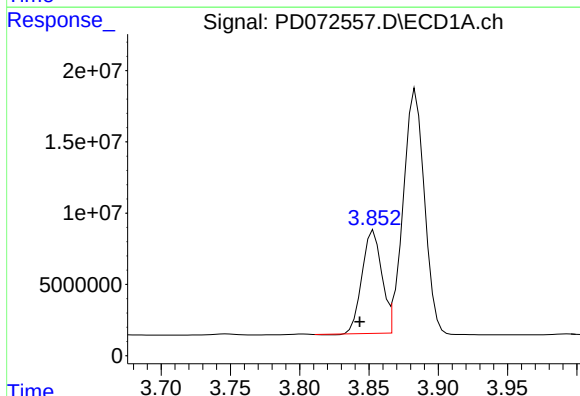
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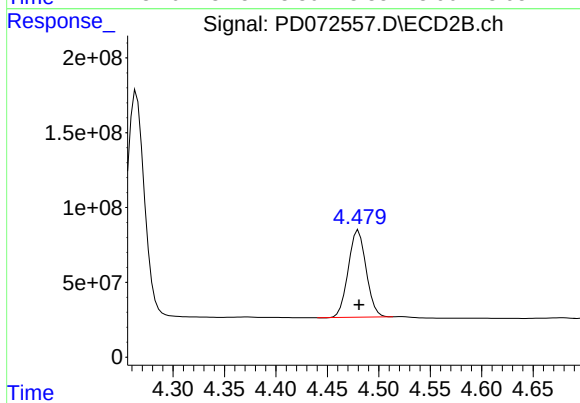
#5 Aldrin

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 1046678145
Conc: 49.63 ng/ml



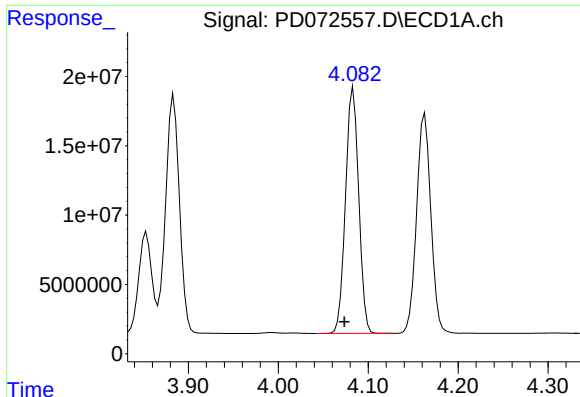
#6 beta-BHC

R.T.: 3.853 min
Delta R.T.: 0.010 min
Response: 71096768
Conc: 50.66 ng/ml



#6 beta-BHC

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 704381687
Conc: 49.56 ng/ml



#7 delta-BHC

R.T.: 4.083 min
Delta R.T.: 0.010 min
Response: 180766478
Conc: 50.81 ng/ml

Instrument :

ECD_D

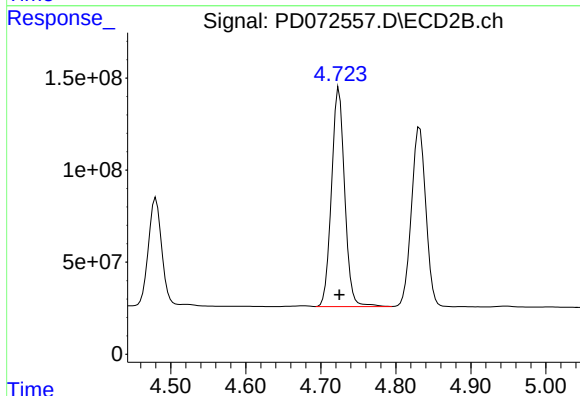
ClientSampleId :

PSTDCCC050

Manual Integrations

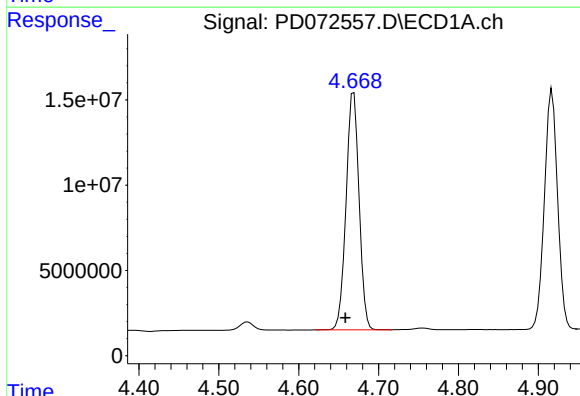
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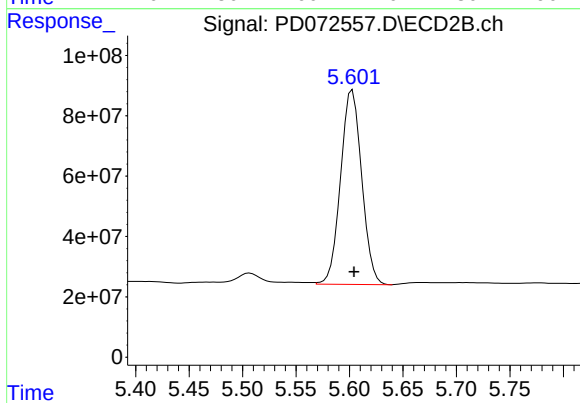
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1449633156
Conc: 51.18 ng/ml



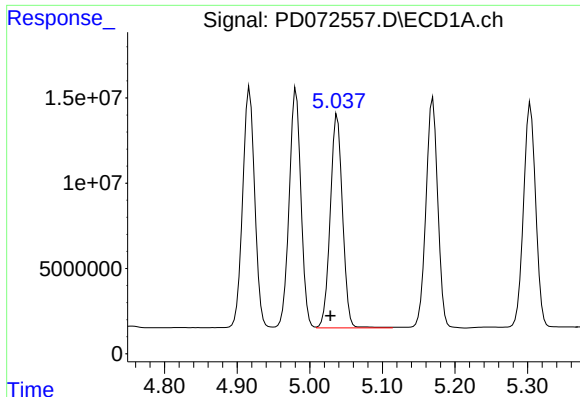
#8 Heptachlor epoxide

R.T.: 4.669 min
Delta R.T.: 0.010 min
Response: 157617392
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 887605460
Conc: 51.01 ng/ml



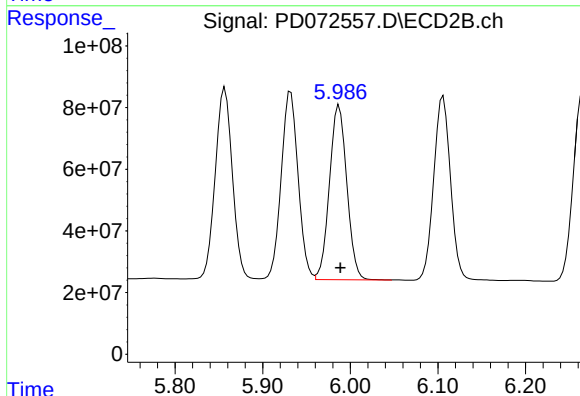
#9 Endosulfan I

R.T.: 5.038 min
Delta R.T.: 0.010 min
Response: 147548783
Conc: 51.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

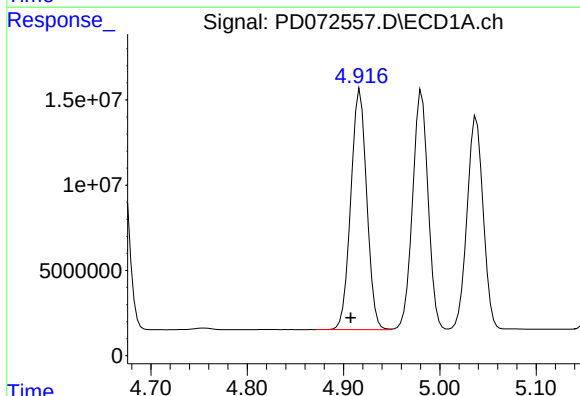
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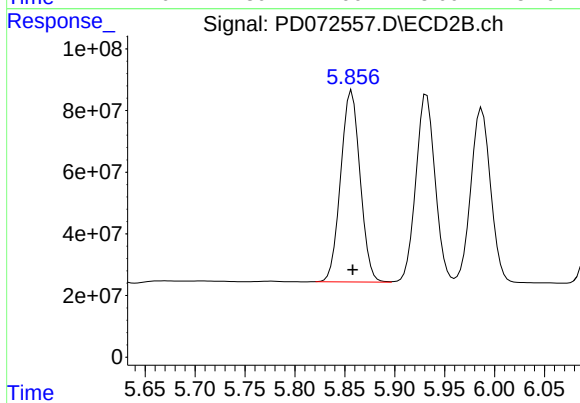
#9 Endosulfan I

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 781006210
Conc: 51.19 ng/ml



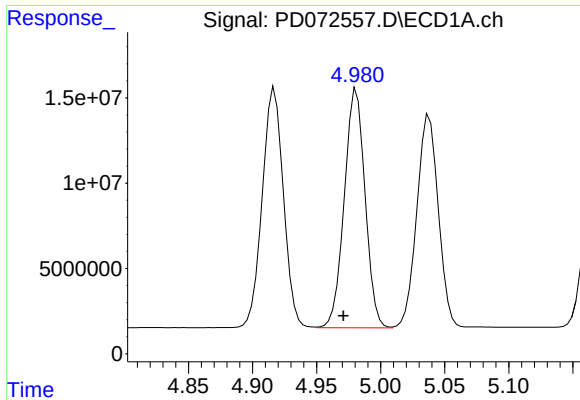
#10 gamma-Chlordane

R.T.: 4.917 min
Delta R.T.: 0.009 min
Response: 161697584
Conc: 51.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 840318655
Conc: 51.01 ng/ml



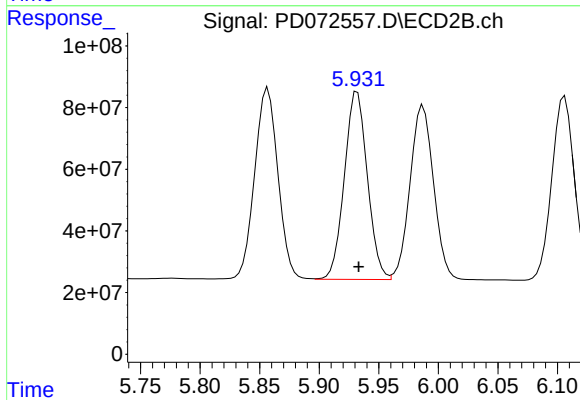
#11 alpha-Chlordane

R.T.: 4.981 min
Delta R.T.: 0.010 min
Response: 157971748
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

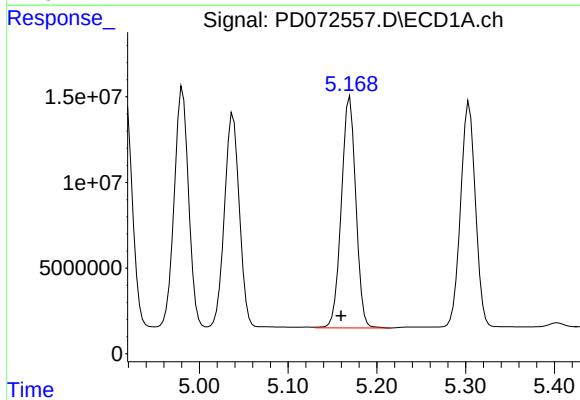
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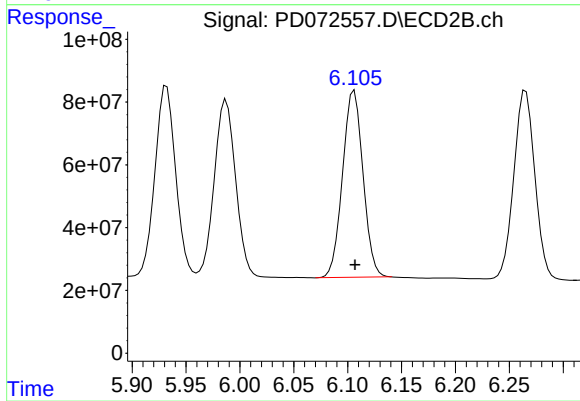
#11 alpha-Chlordane

R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 818285403
Conc: 50.70 ng/ml



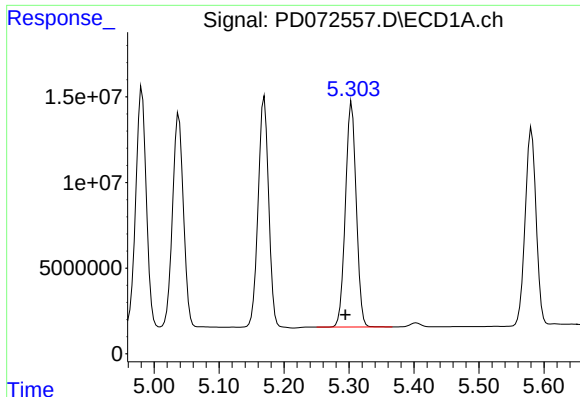
#12 4,4'-DDE

R.T.: 5.170 min
Delta R.T.: 0.010 min
Response: 153109134
Conc: 51.25 ng/ml



#12 4,4'-DDE

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 786732019
Conc: 51.41 ng/ml



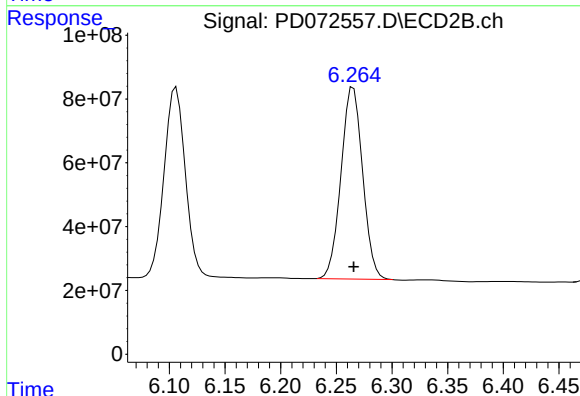
#13 Dieldrin

R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 152168077
Conc: 49.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

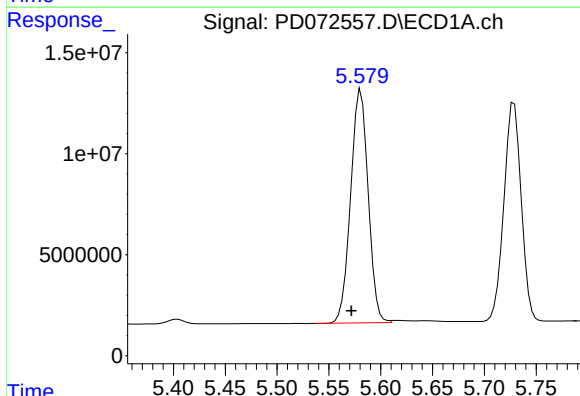
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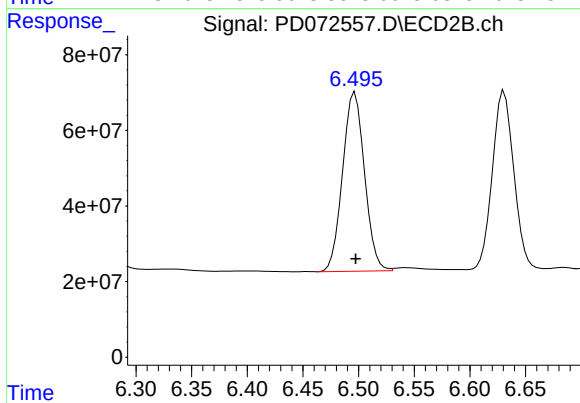
#13 Dieldrin

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 814356858
Conc: 51.53 ng/ml



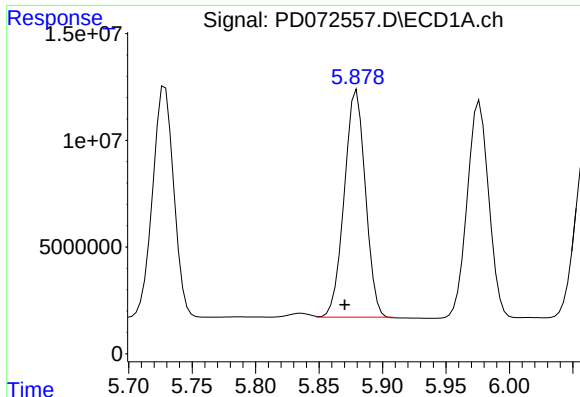
#14 Endrin

R.T.: 5.581 min
Delta R.T.: 0.009 min
Response: 135938663
Conc: 50.07 ng/ml



#14 Endrin

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 649097708
Conc: 48.60 ng/ml



#15 Endosulfan II

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 123103324
Conc: 50.35 ng/ml

Instrument :

ECD_D

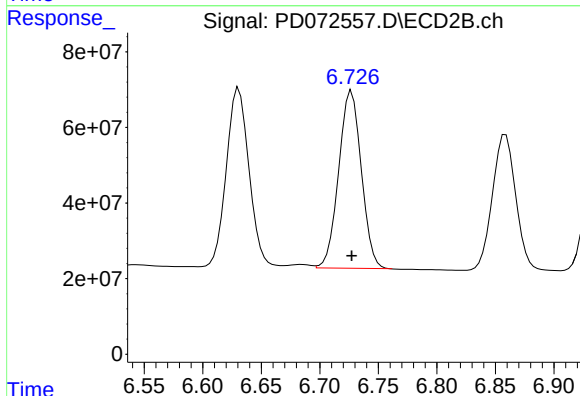
ClientSampleId :

PSTDCCC050

Manual Integrations

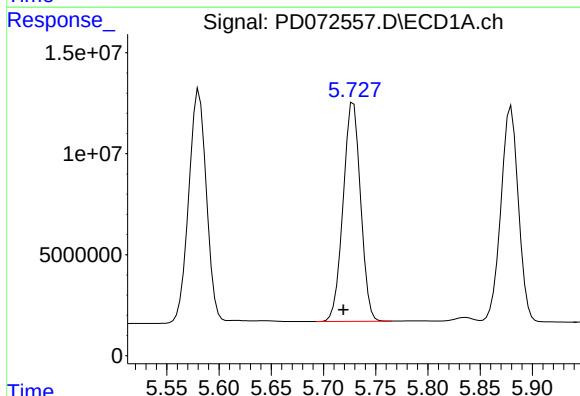
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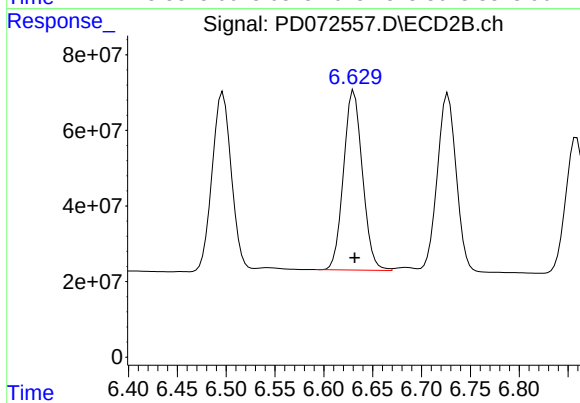
#15 Endosulfan II

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 632287245
Conc: 51.44 ng/ml



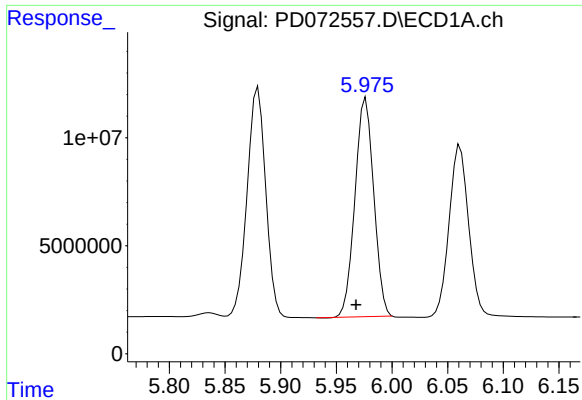
#16 4,4'-DDD

R.T.: 5.729 min
Delta R.T.: 0.010 min
Response: 126051287
Conc: 51.37 ng/ml



#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 641543102
Conc: 52.07 ng/ml



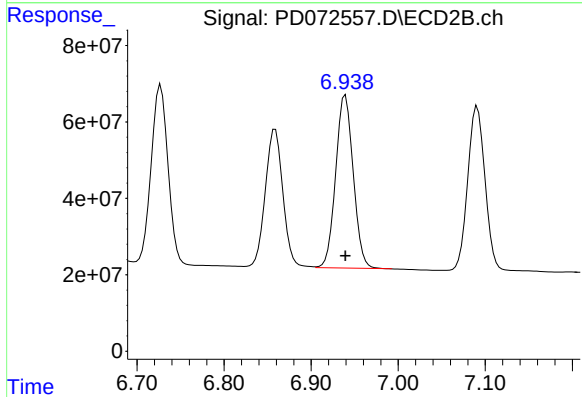
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.009 min
Response: 118979887
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

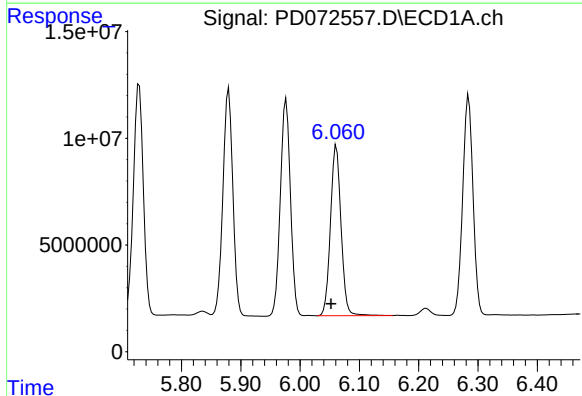
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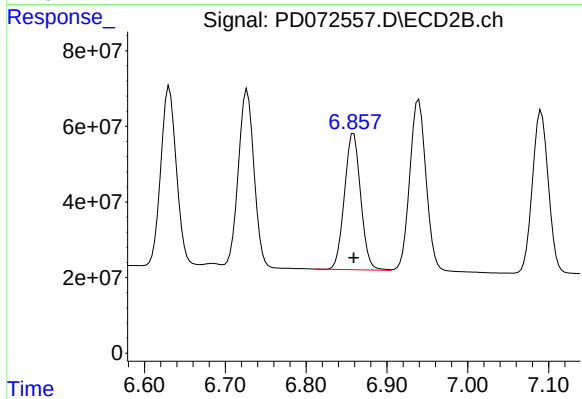
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 633929718
Conc: 53.18 ng/ml



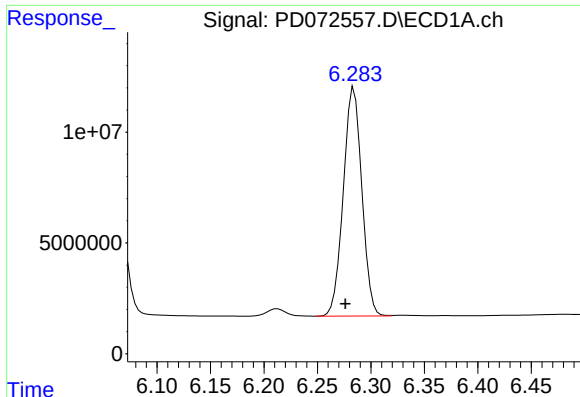
#18 Endrin aldehyde

R.T.: 6.061 min
Delta R.T.: 0.009 min
Response: 98785625
Conc: 50.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 503158900
Conc: 52.13 ng/ml



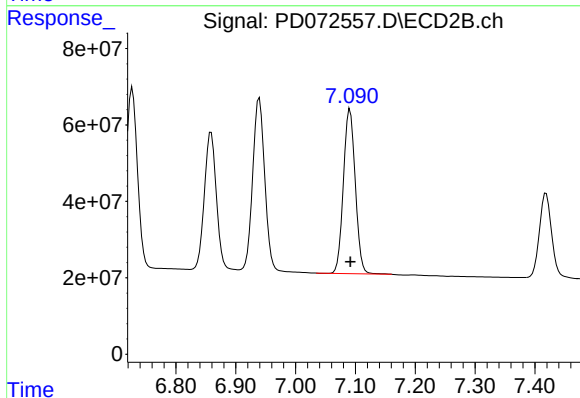
#19 Endosulfan Sulfate

R.T.: 6.284 min
Delta R.T.: 0.008 min
Response: 124689595
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

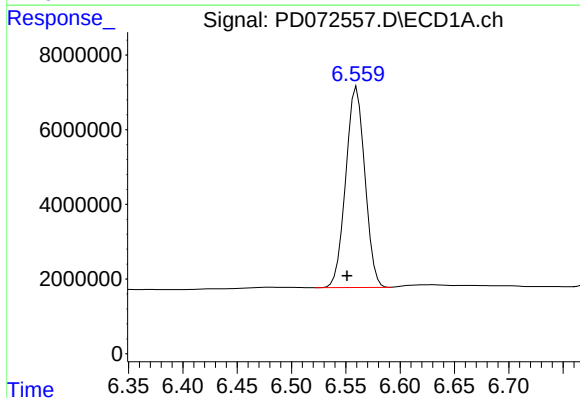
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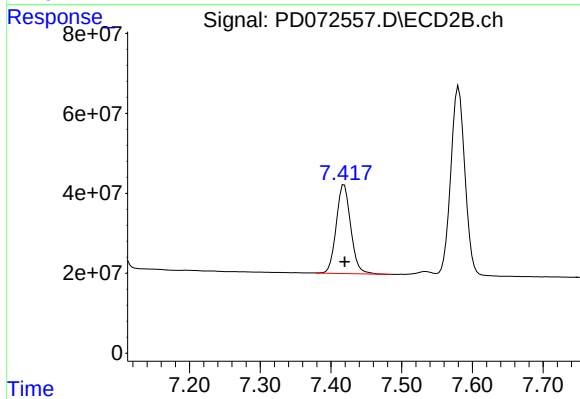
#19 Endosulfan Sulfate

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 594580756
Conc: 52.45 ng/ml



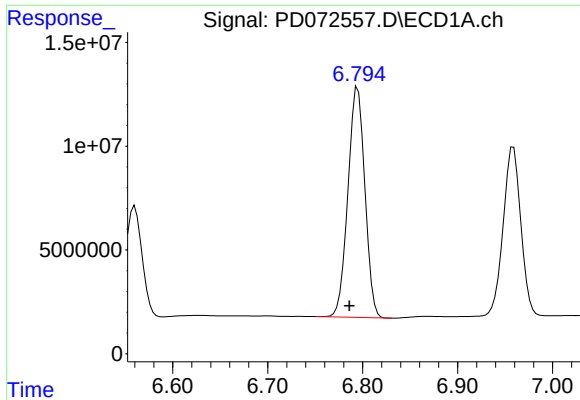
#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.009 min
Response: 65899823
Conc: 48.99 ng/ml



#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 316596653
Conc: 53.47 ng/ml



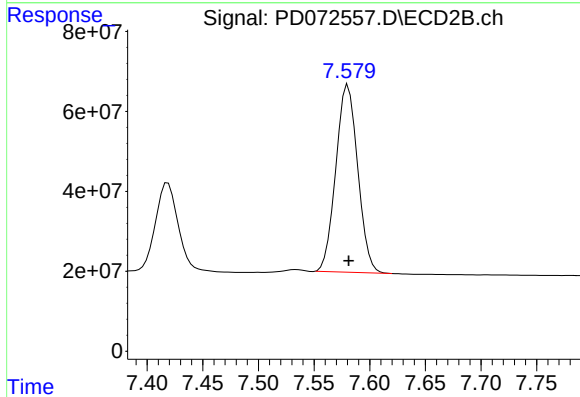
#21 Endrin ketone

R.T.: 6.795 min
Delta R.T.: 0.009 min
Response: 137754534
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

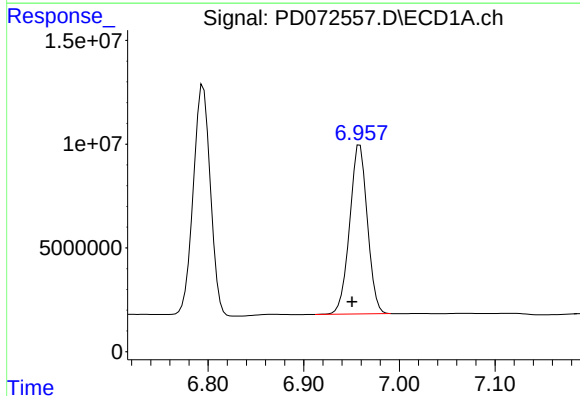
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APPROVED

Reviewed By :Abdul Mirza 10/24/2022
Supervised By :Ankita Jodhani 10/24/2022



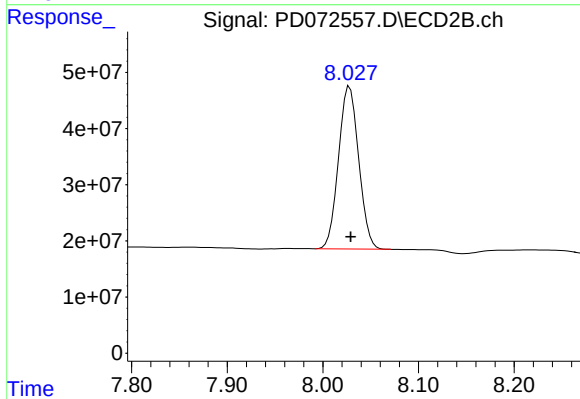
#21 Endrin ketone

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 641875928
Conc: 51.44 ng/ml



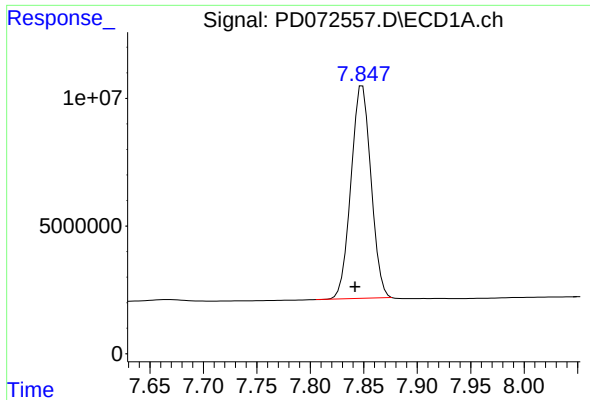
#22 Mirex

R.T.: 6.959 min
Delta R.T.: 0.008 min
Response: 105104762
Conc: 49.41 ng/ml



#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.001 min
Response: 425426642
Conc: 51.18 ng/ml



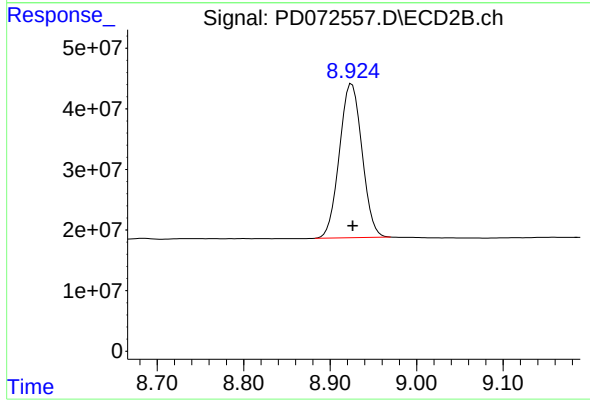
#28 Decachlorobiphenyl

R.T.: 7.849 min
Delta R.T.: 0.007 min
Response: 108446103
Conc: 48.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.925 min
Delta R.T.: 0.000 min
Response: 460038486
Conc: 51.13 ng/ml