

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 12:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:29:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.766	155.3E6	76568816	47.400	48.201
28)	SA Decachlor...	9.090	7.909	171.1E6	66744413	48.130	53.034
Target Compounds							
2)	A alpha-BHC	4.008	3.268	283.1E6	116.1E6	48.871	48.185
3)	MA gamma-BHC...	4.341	3.598	256.1E6	106.0E6	48.921	47.626
4)	MA Heptachlor	4.932	3.938	262.0E6	106.0E6	47.633	46.647
5)	MB Aldrin	5.275	4.218	257.1E6	103.0E6	48.094	46.484
6)	B beta-BHC	4.537	3.895	102.2E6	43130888	48.773	48.500
7)	B delta-BHC	4.786	4.125	255.7E6	103.8E6	49.752	49.374
8)	B Heptachlo...	5.702	4.720	225.8E6	92675921	46.868	46.355
9)	A Endosulfan I	6.089	5.091	213.0E6	86775369	47.749	46.338
10)	B gamma-Chl...	5.959	4.971	233.3E6	93497785	47.977	46.956
11)	B alpha-Chl...	6.038	5.035	229.2E6	92386525	47.714	46.491
12)	B 4,4'-DDE	6.210	5.224	209.7E6	81172667	49.410	52.810
13)	MA Dieldrin	6.364	5.356	225.2E6	92431708	48.142	46.927
14)	MA Endrin	6.594	5.632	183.3E6	81294926	46.050	46.057
15)	B Endosulfa...	6.814	5.926	179.8E6	74463702	48.425	47.988
16)	A 4,4'-DDD	6.728	5.780	173.1E6	67525135	51.511	55.871
17)	MA 4,4'-DDT	7.043	6.031	172.3E6	66341732	49.007	54.815
18)	B Endrin al...	6.942	6.106	139.5E6	58514005	50.896m	51.201
19)	B Endosulfa...	7.179	6.328	179.0E6	75387711	48.454	49.616
20)	A Methoxychlor	7.518	6.607	90074630	34797730	47.128	54.490
21)	B Endrin ke...	7.665	6.836	205.3E6	88031546	49.189	50.365
22)	Mirex	8.140	7.017	147.0E6	67968258	46.535	45.854

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 12:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

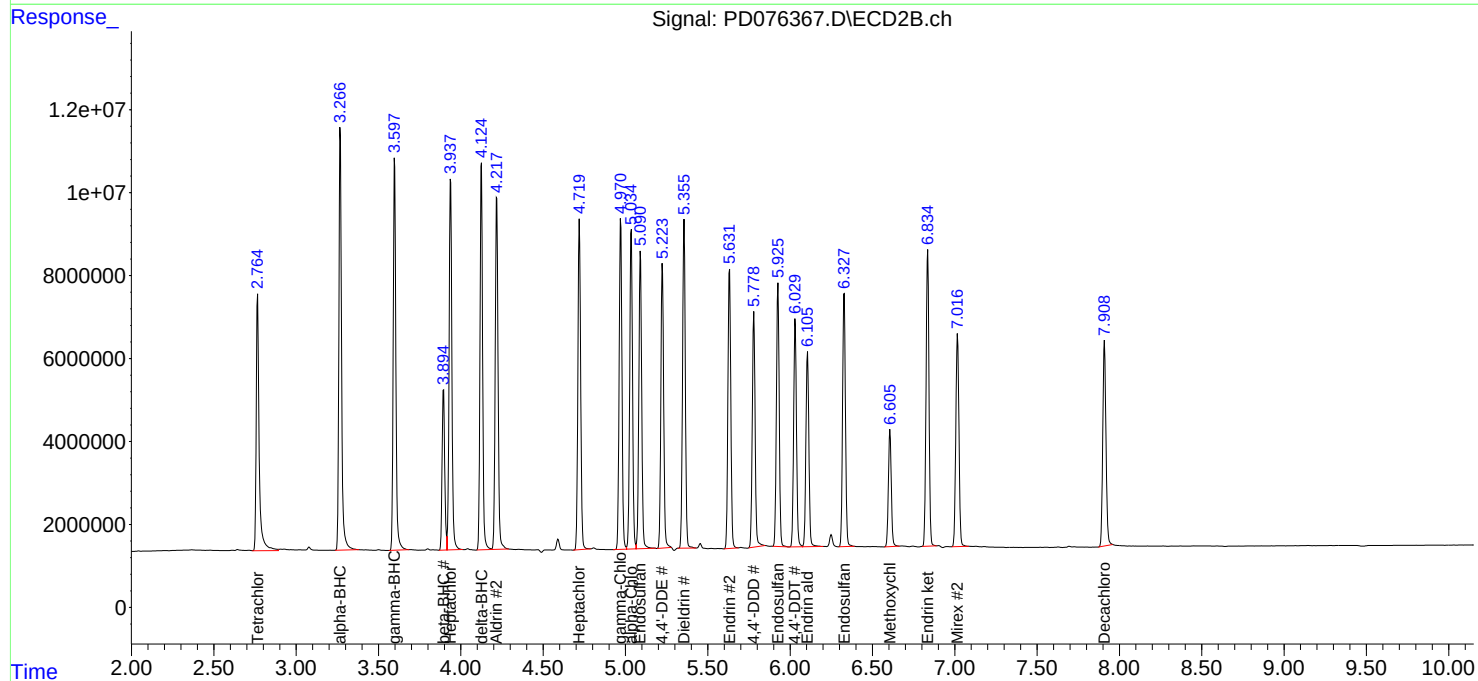
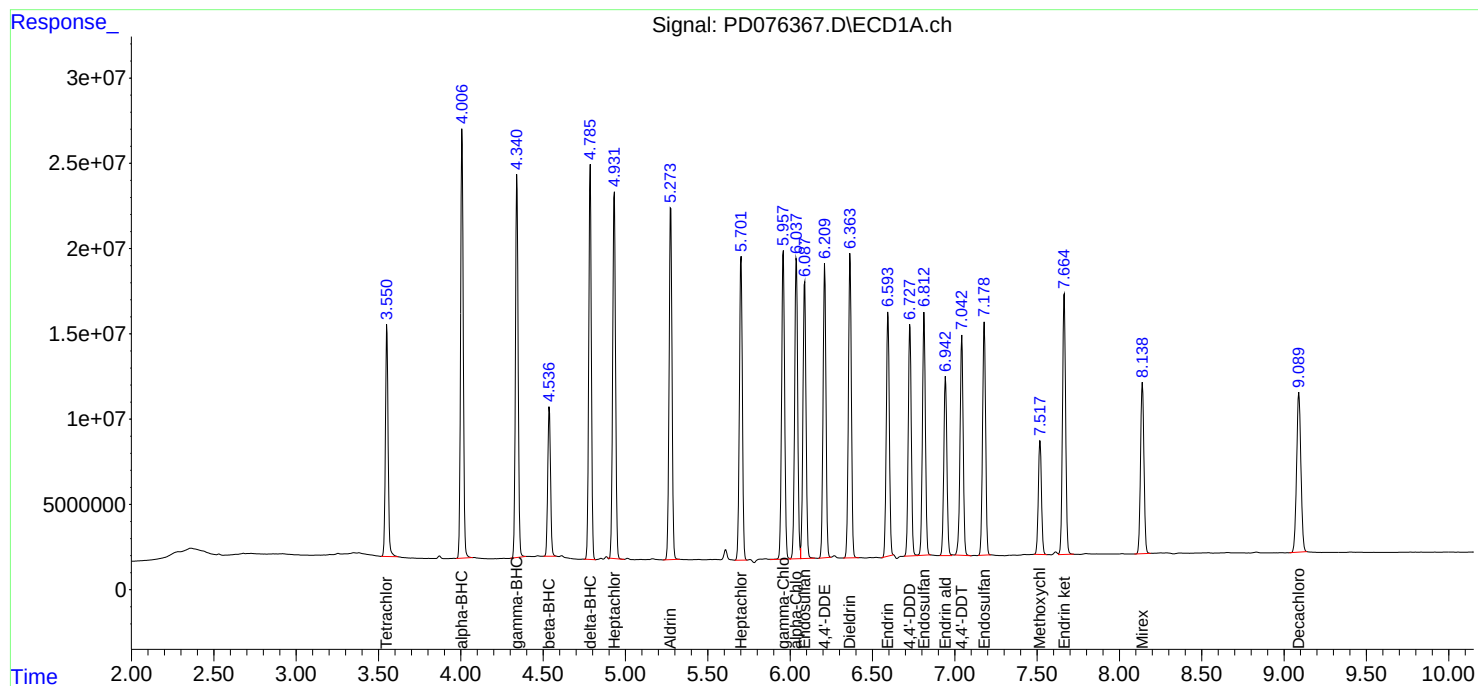
APPROVED

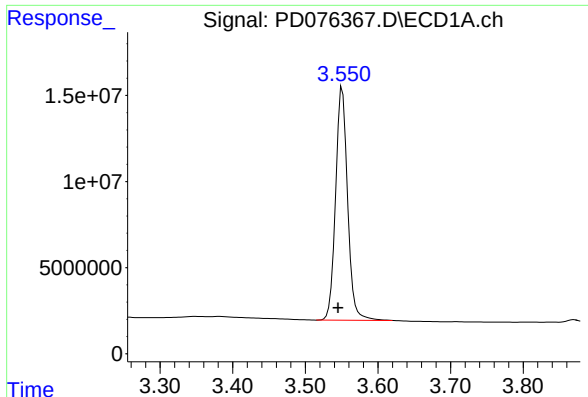
Reviewed By :Abdul Mirza 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:29:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





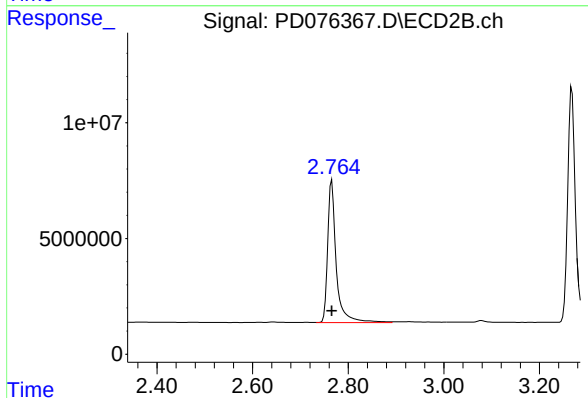
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 155298767
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

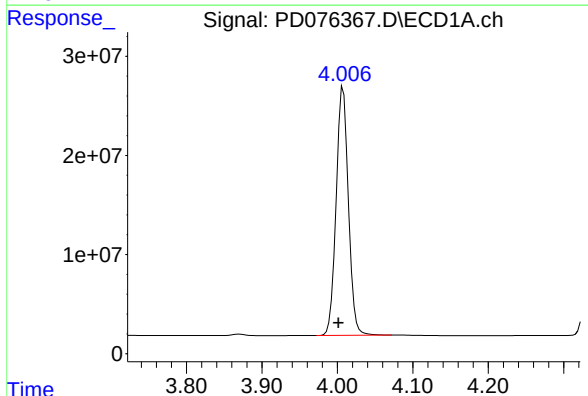
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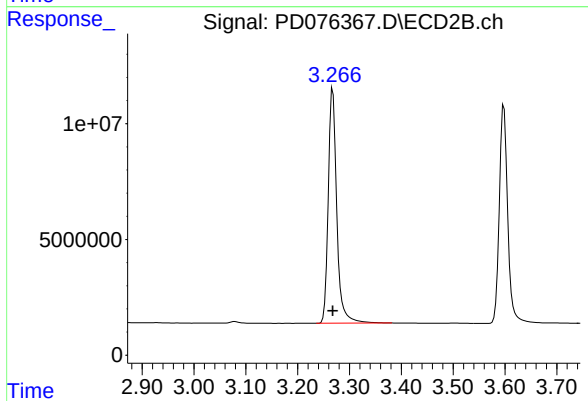
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 76568816
Conc: 48.20 ng/ml



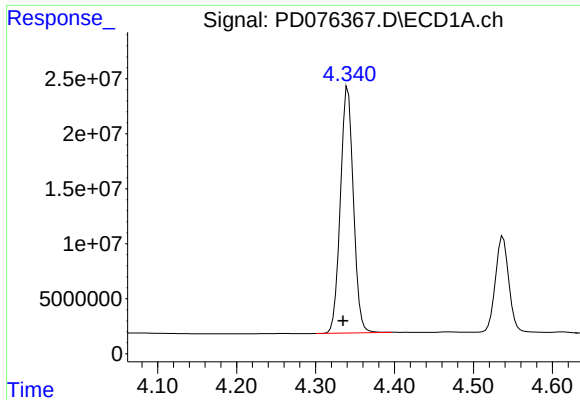
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 283061103
Conc: 48.87 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 116097797
Conc: 48.18 ng/ml



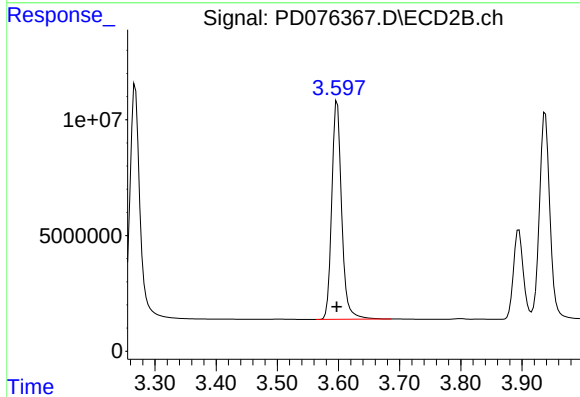
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 256128413
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

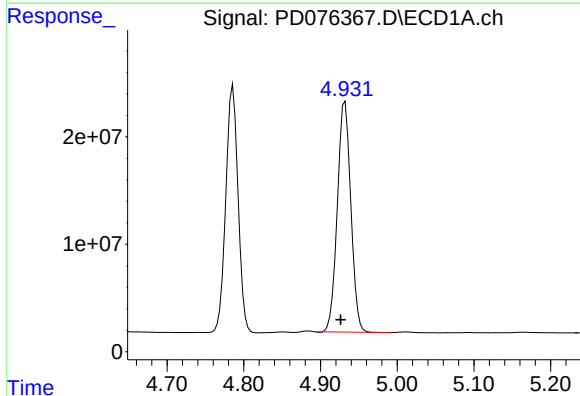
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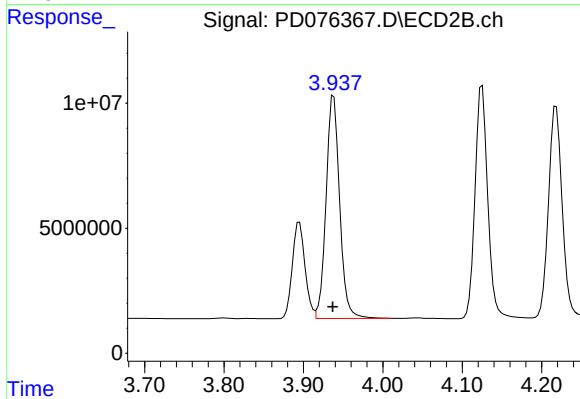
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 106030102
Conc: 47.63 ng/ml



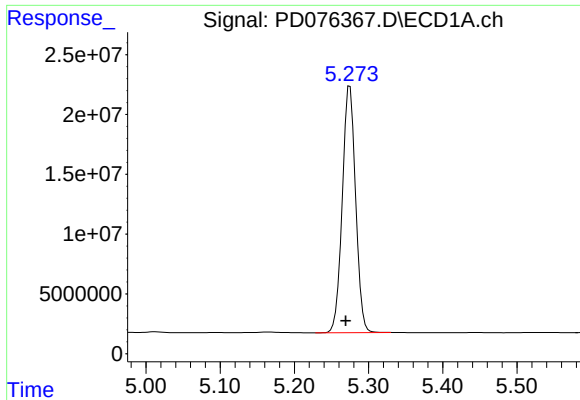
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.006 min
Response: 261983693
Conc: 47.63 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: 0.001 min
Response: 105957334
Conc: 46.65 ng/ml



#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.006 min
Response: 257124091
Conc: 48.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

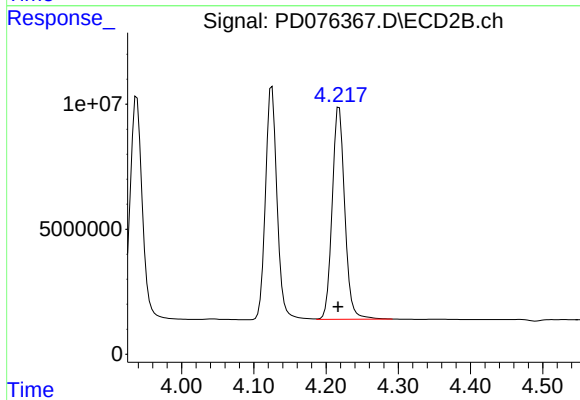
PSTDCCC050

Manual Integrations

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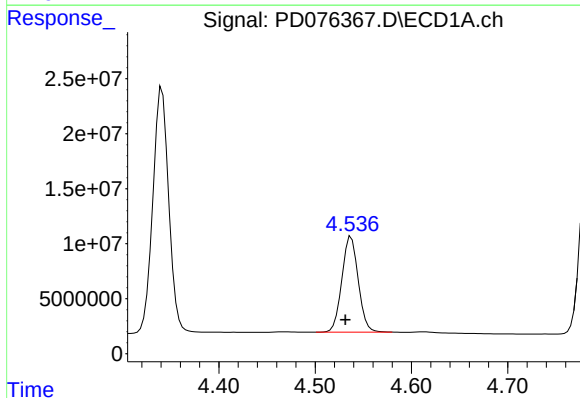
Reviewed By :Abdul Mirza 07/07/2023

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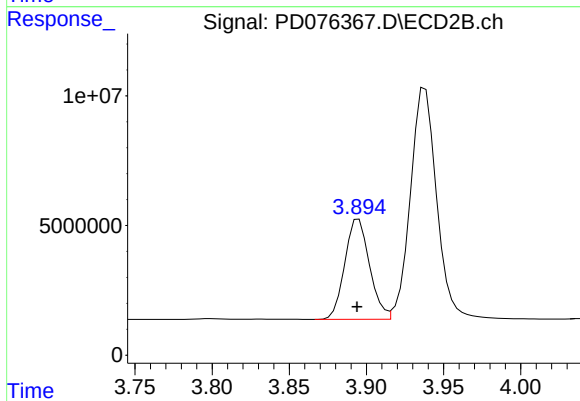
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 103022714
Conc: 46.48 ng/ml



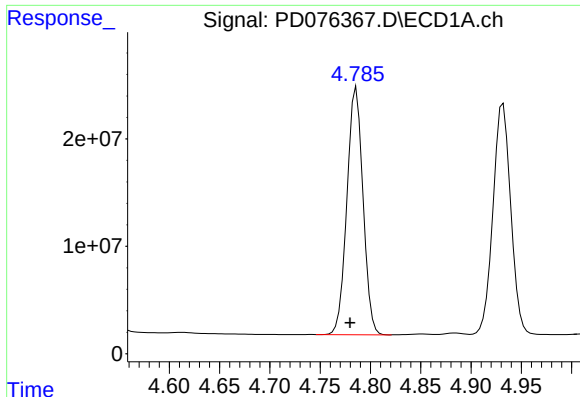
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.006 min
Response: 102229714
Conc: 48.77 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.001 min
Response: 43130888
Conc: 48.50 ng/ml



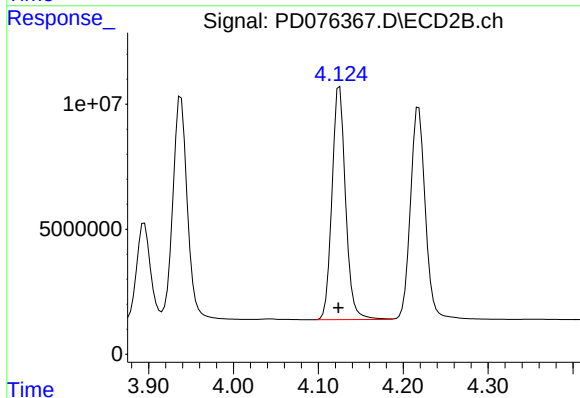
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.006 min
Response: 255711885
Conc: 49.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

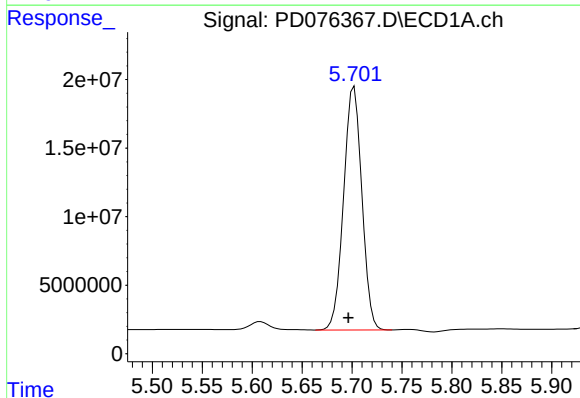
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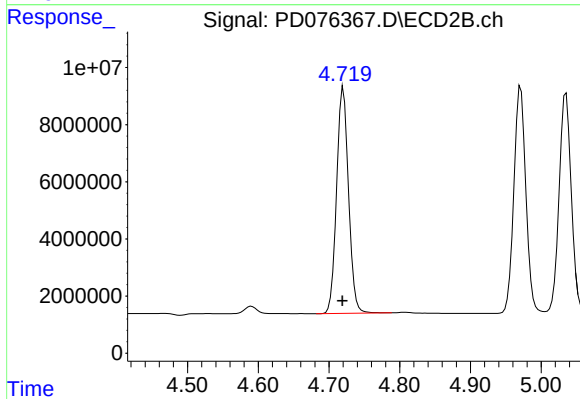
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: 0.001 min
Response: 103815235
Conc: 49.37 ng/ml



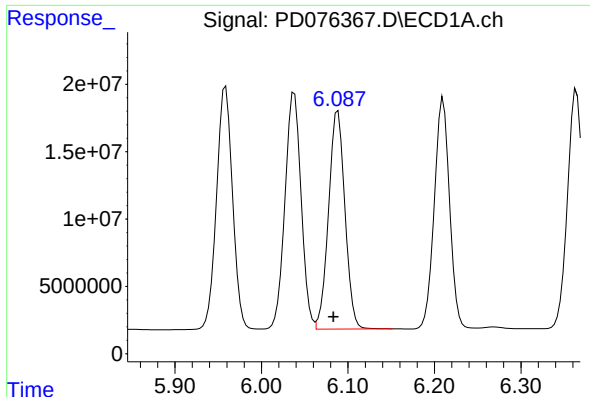
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.006 min
Response: 225822786
Conc: 46.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 92675921
Conc: 46.36 ng/ml



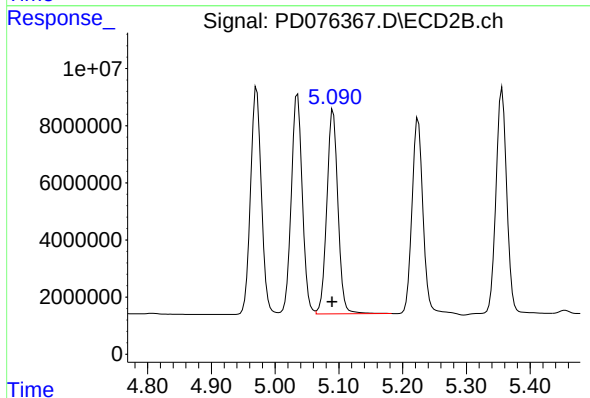
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.006 min
Response: 213008414
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

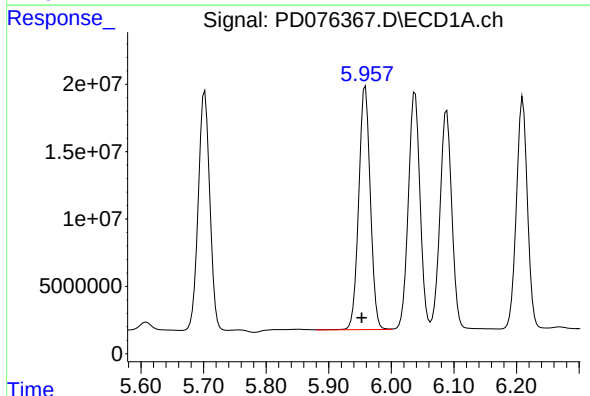
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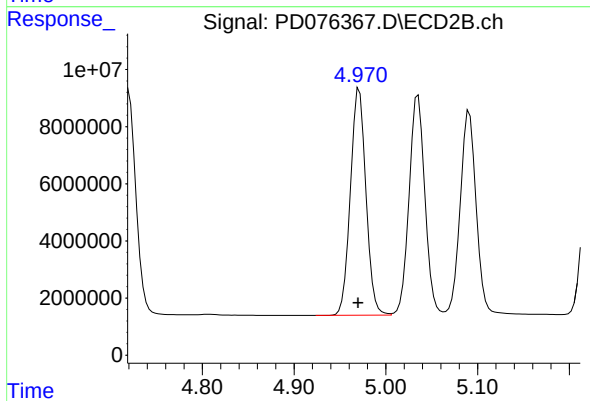
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 86775369
Conc: 46.34 ng/ml



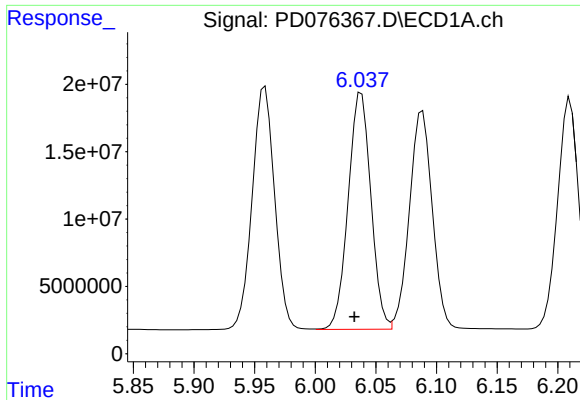
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.006 min
Response: 233317711
Conc: 47.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.002 min
Response: 93497785
Conc: 46.96 ng/ml



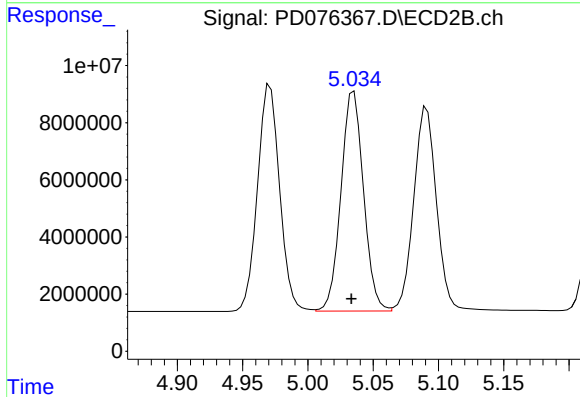
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.006 min
Response: 229230602
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

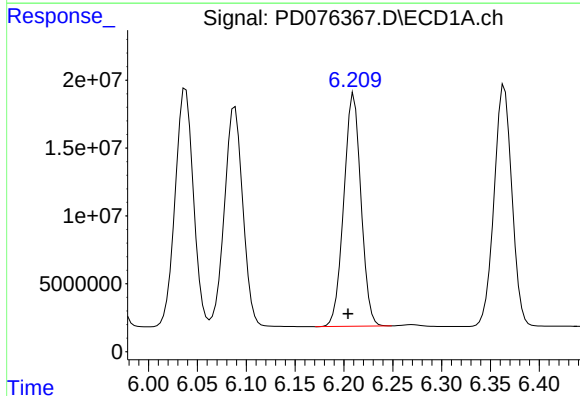
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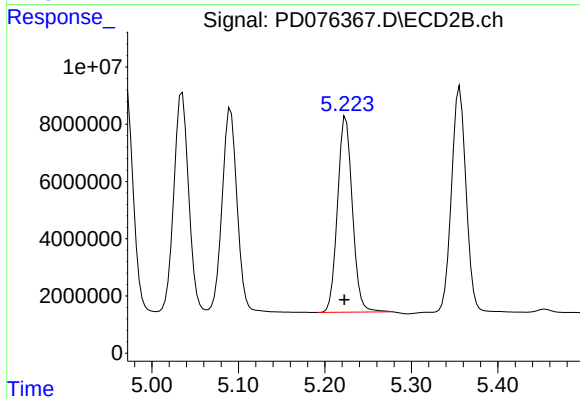
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.002 min
Response: 92386525
Conc: 46.49 ng/ml



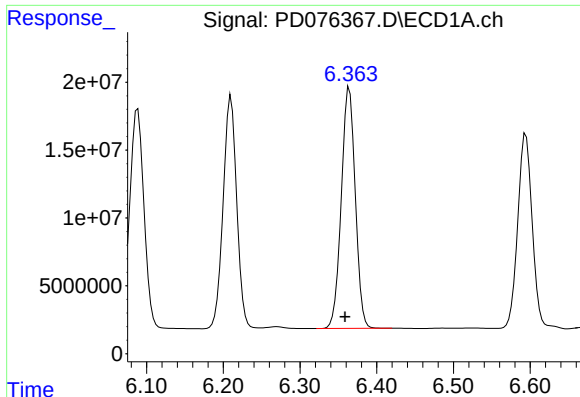
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.006 min
Response: 209736315
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 81172667
Conc: 52.81 ng/ml



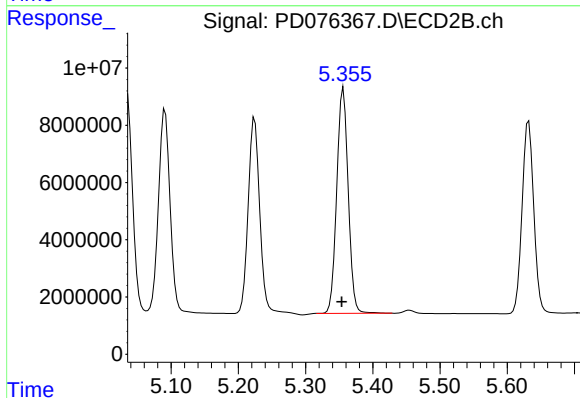
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.006 min
Response: 225211458
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

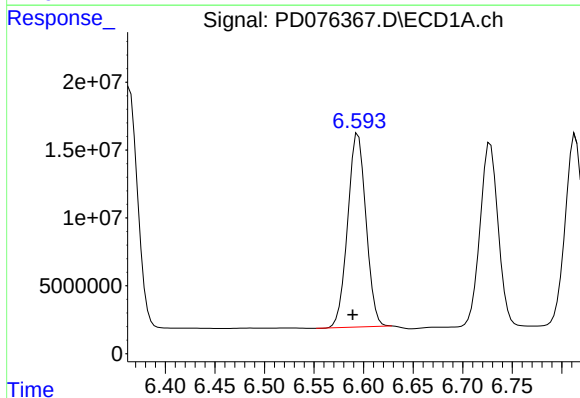
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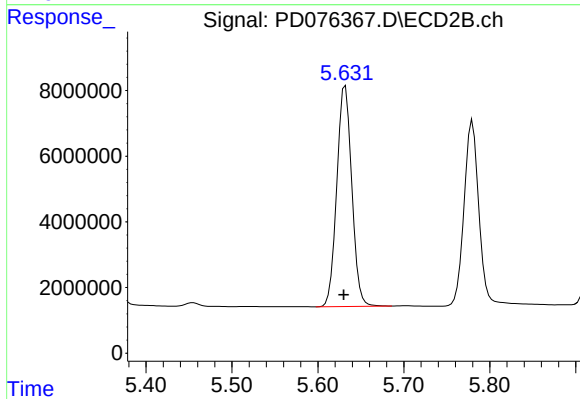
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 92431708
Conc: 46.93 ng/ml



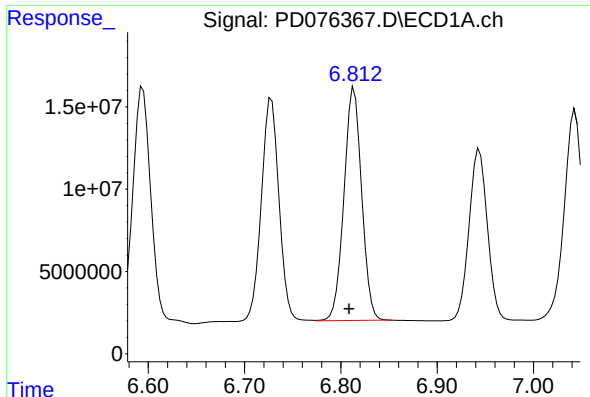
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.005 min
Response: 183342477
Conc: 46.05 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 81294926
Conc: 46.06 ng/ml



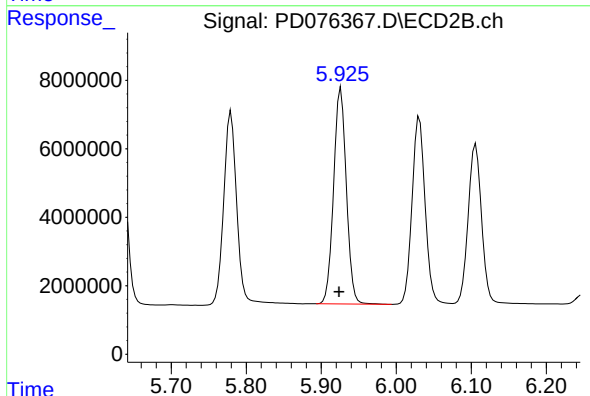
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.005 min
Response: 179829976
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

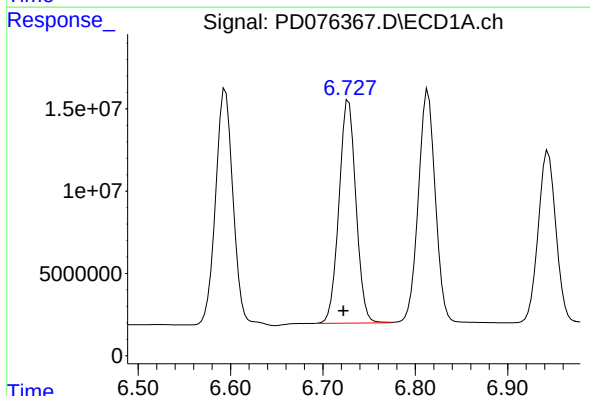
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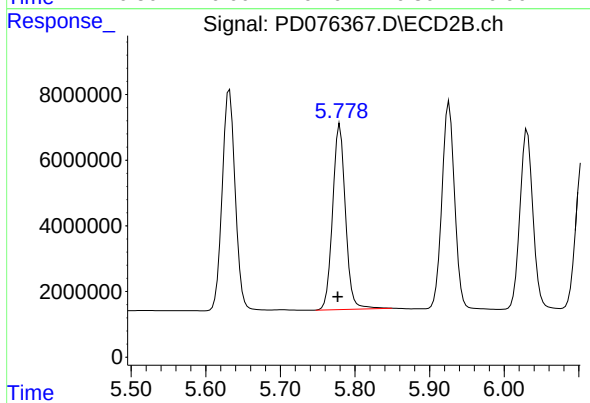
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 74463702
Conc: 47.99 ng/ml



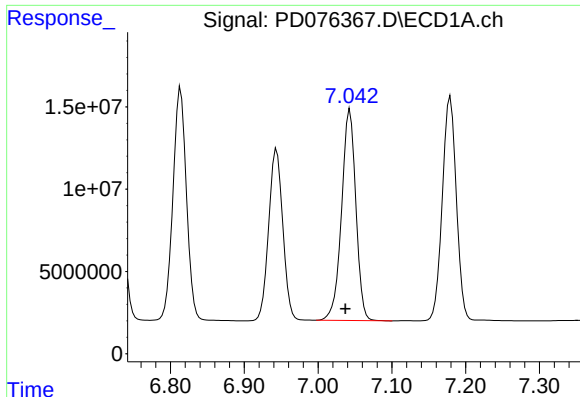
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.006 min
Response: 173057652
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 67525135
Conc: 55.87 ng/ml



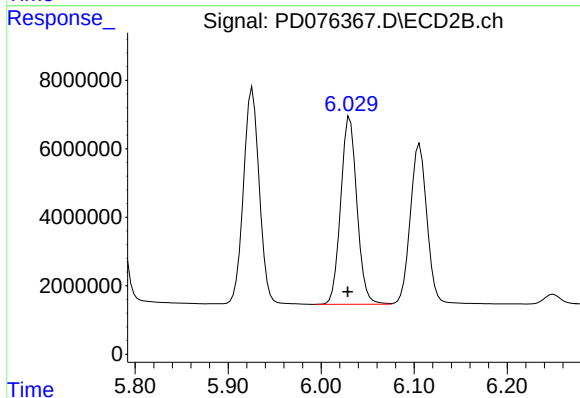
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.006 min
Response: 172310197
Conc: 49.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

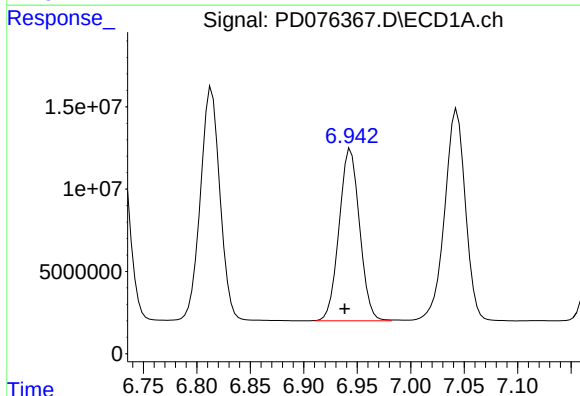
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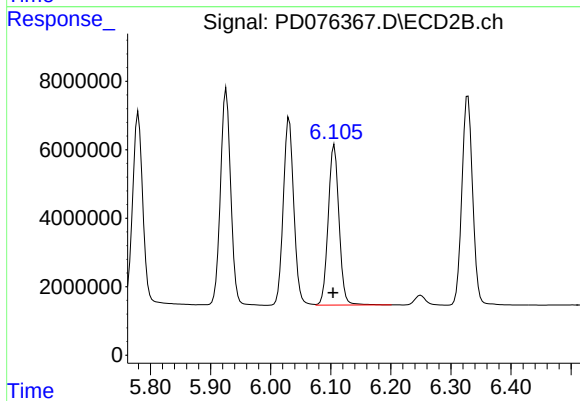
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 66341732
Conc: 54.81 ng/ml



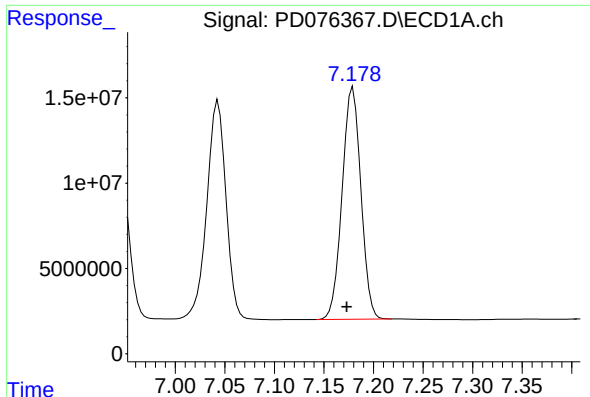
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 139502650
Conc: 50.90 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 58514005
Conc: 51.20 ng/ml



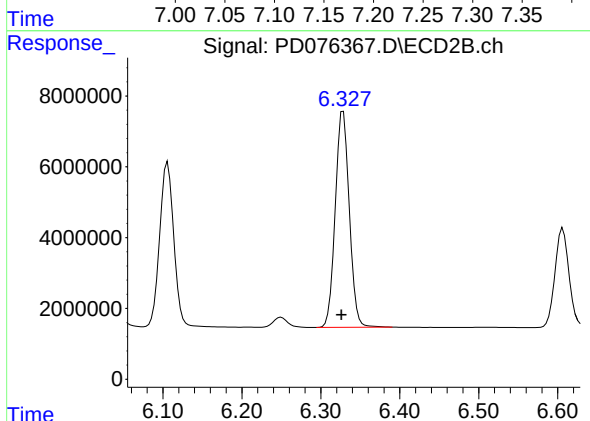
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.006 min
Response: 179030389
Conc: 48.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

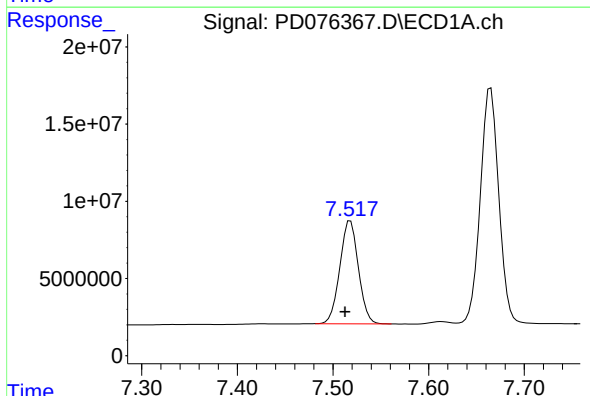
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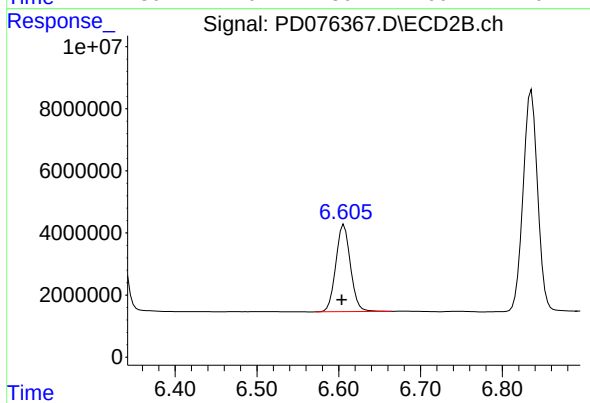
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 75387711
Conc: 49.62 ng/ml



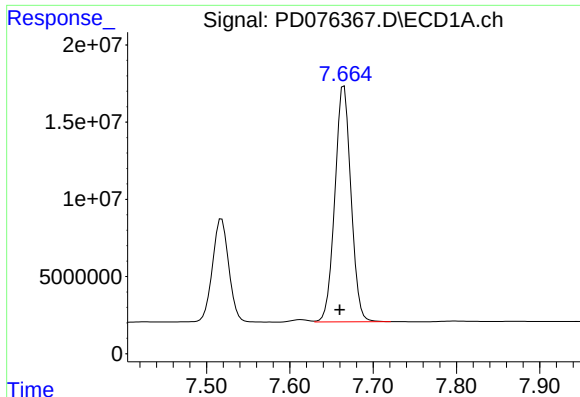
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.006 min
Response: 90074630
Conc: 47.13 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 34797730
Conc: 54.49 ng/ml



#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.005 min
Response: 205349922
Conc: 49.19 ng/ml

Instrument :

ECD_D

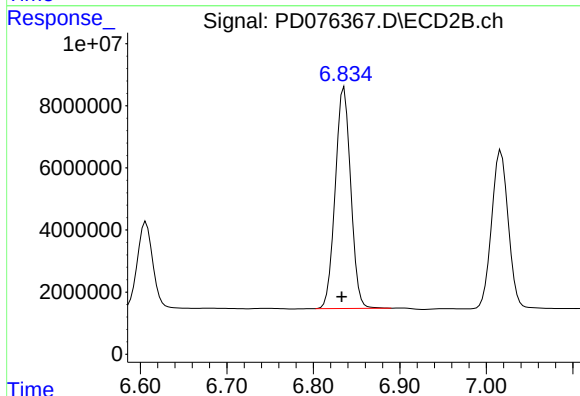
ClientSampleId :

PSTDCCC050

Manual Integrations

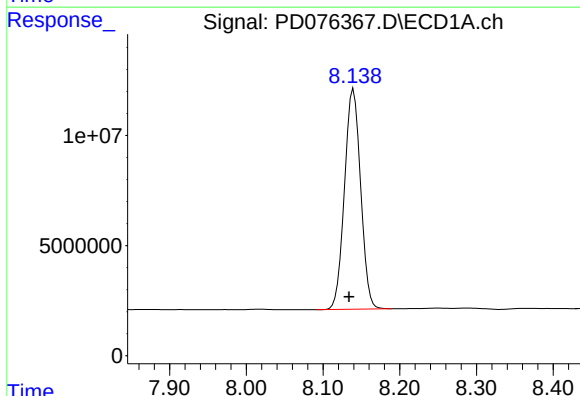
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Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023



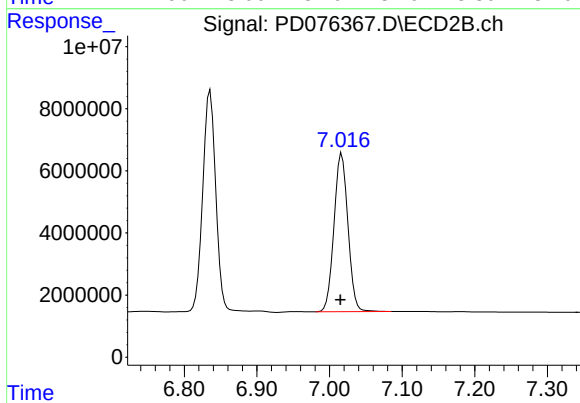
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 88031546
Conc: 50.37 ng/ml



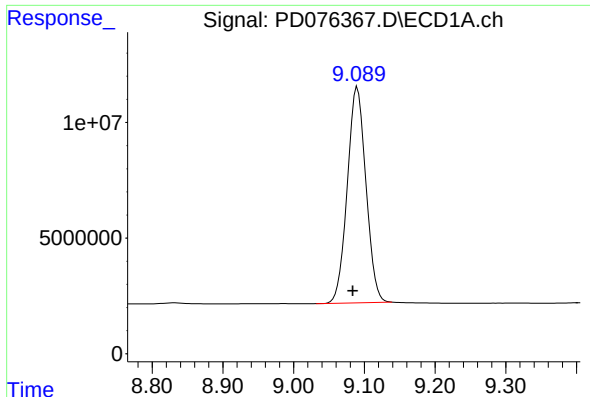
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.005 min
Response: 147041970
Conc: 46.54 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 67968258
Conc: 45.85 ng/ml



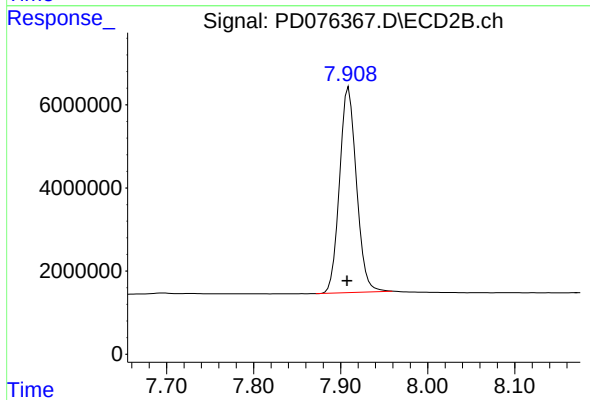
#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.007 min
Response: 171129087
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/07/2023



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.002 min
Response: 66744413
Conc: 53.03 ng/ml