

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 16:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:09:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.574	2.802	73432956	119.2E6	45.481	51.466
28) SA Decachlor...	9.124	7.950	93425776	128.3E6	46.573	52.623
Target Compounds						
2) A alpha-BHC	4.032	3.305	125.4E6	186.3E6	47.124	53.738
3) MA gamma-BHC...	4.365	3.635	121.3E6	182.3E6	46.682	53.679
4) MA Heptachlor	4.959	3.978	119.4E6	169.5E6	44.645	55.514
5) MB Aldrin	5.303	4.259	119.5E6	175.2E6	46.384	53.554
6) B beta-BHC	4.559	3.930	49086708	74531784	45.807	52.893
7) B delta-BHC	4.808	4.161	124.1E6	185.4E6	46.361	55.385
8) B Heptachlo...	5.728	4.760	108.0E6	159.4E6	46.074	53.780
9) A Endosulfan I	6.115	5.129	100.5E6	141.0E6	46.337	53.244m
10) B gamma-Chl...	5.984	5.009	106.4E6	156.4E6	46.397	54.517m
11) B alpha-Chl...	6.064	5.074	105.8E6	153.2E6	46.411	53.388m
12) B 4,4'-DDE	6.235	5.264	99278820	146.7E6	46.983	55.108
13) MA Dieldrin	6.391	5.395	108.6E6	162.0E6	46.611	54.563
14) MA Endrin	6.620	5.671	86416469	135.6E6	44.371	53.001
15) B Endosulfa...	6.838	5.964	94161790	136.6E6	46.166	54.717
16) A 4,4'-DDD	6.751	5.818	82848857	126.8E6	47.128	55.526
17) MA 4,4'-DDT	7.067	6.070	84829332	124.3E6	44.796	54.300
18) B Endrin al...	6.968	6.143	70315169	103.9E6	45.532	55.861
19) B Endosulfa...	7.202	6.366	91320506	129.0E6	45.933	55.235
20) A Methoxychlor	7.540	6.645	47525025	70213141	43.371	51.717
21) B Endrin ke...	7.689	6.872	103.0E6	156.7E6	47.239	56.033
22) Mirex	8.166	7.058	76149158	114.8E6	44.988	53.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 16:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

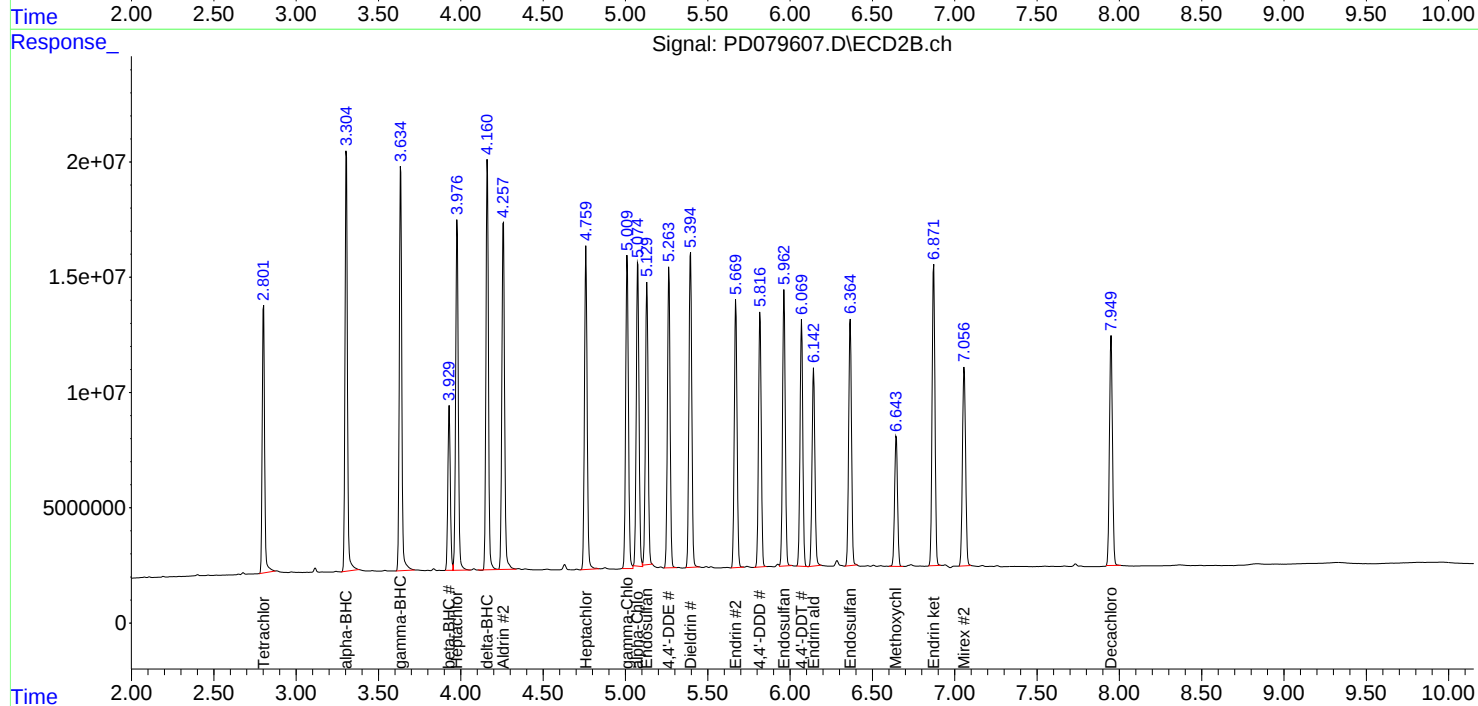
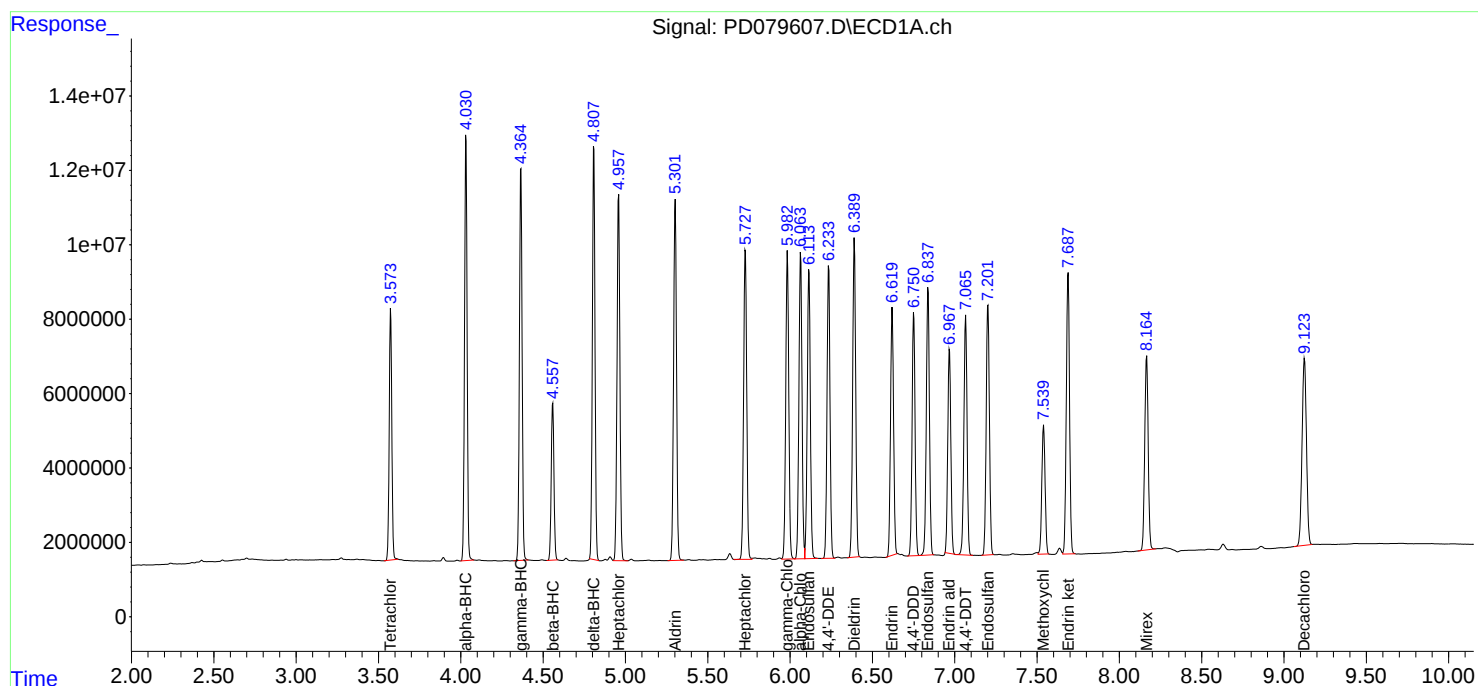
APPROVED

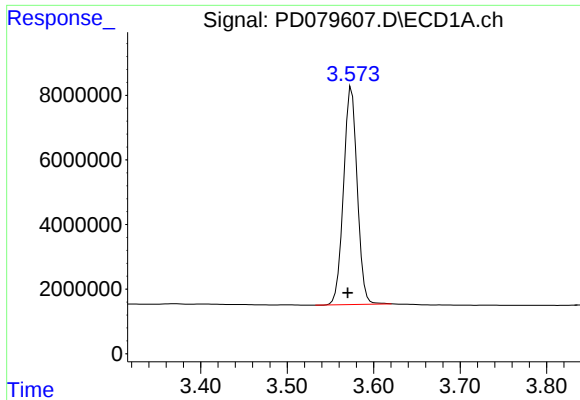
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:09:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





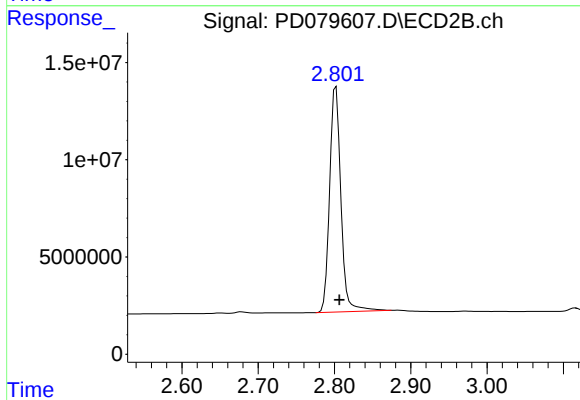
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.004 min
Response: 73432956
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

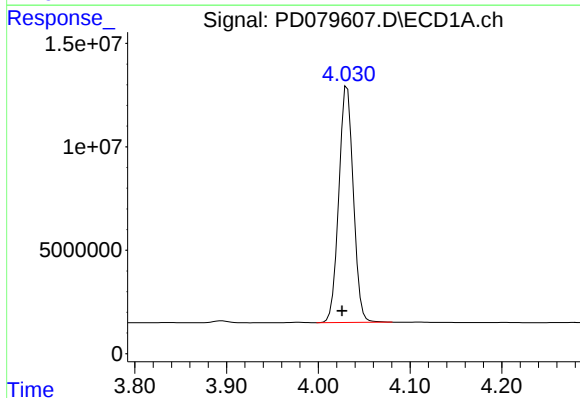
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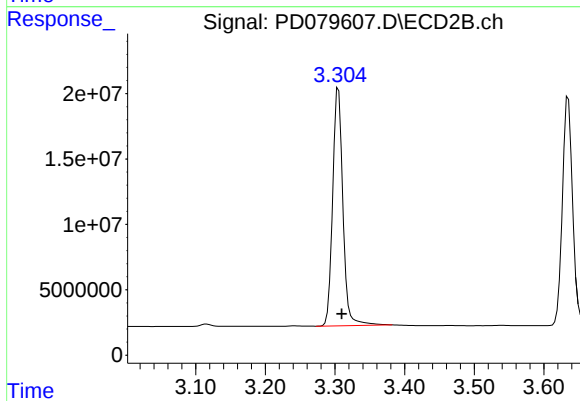
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: -0.004 min
Response: 119158805
Conc: 51.47 ng/ml



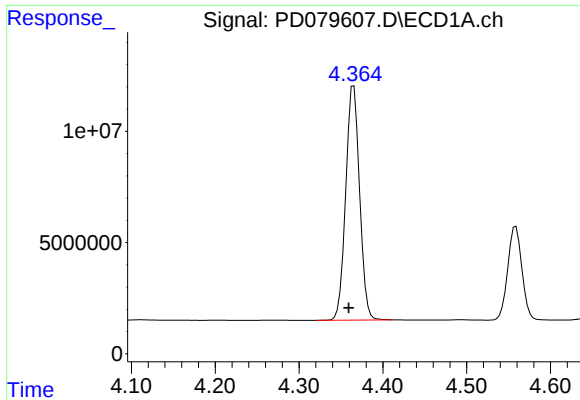
#2 alpha-BHC

R.T.: 4.032 min
Delta R.T.: 0.006 min
Response: 125446941
Conc: 47.12 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.005 min
Response: 186333839
Conc: 53.74 ng/ml



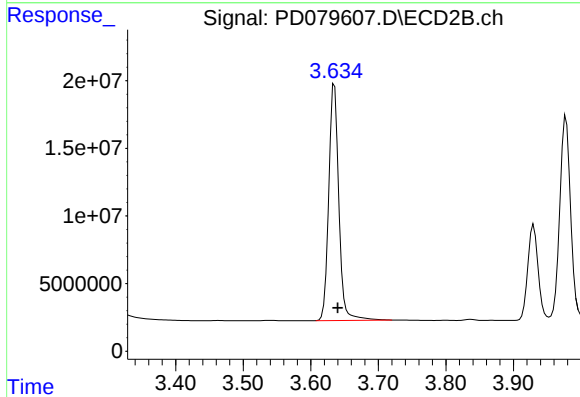
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.006 min
Response: 121318442
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

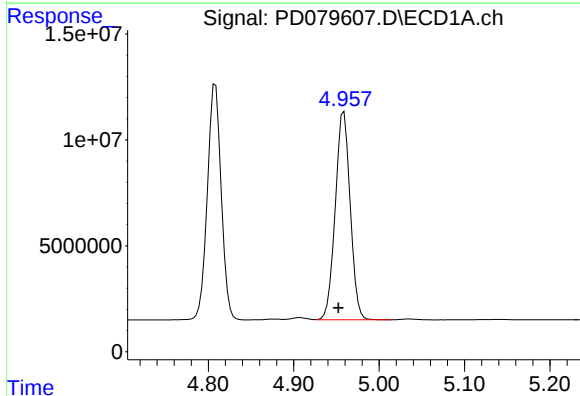
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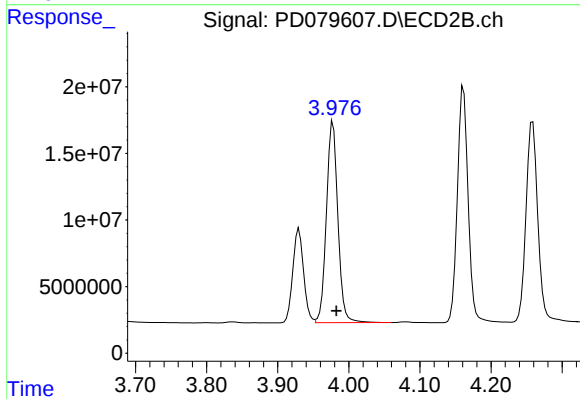
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.005 min
Response: 182282332
Conc: 53.68 ng/ml



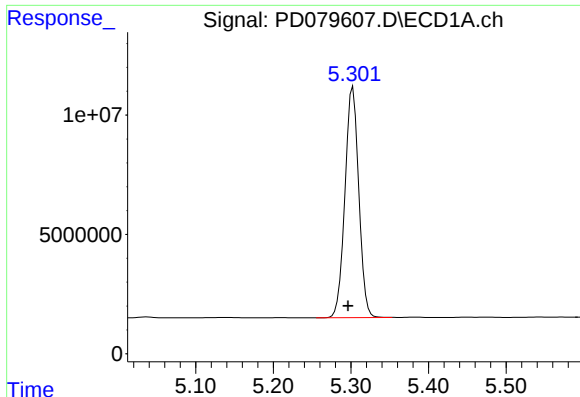
#4 Heptachlor

R.T.: 4.959 min
Delta R.T.: 0.006 min
Response: 119423107
Conc: 44.65 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 169546943
Conc: 55.51 ng/ml



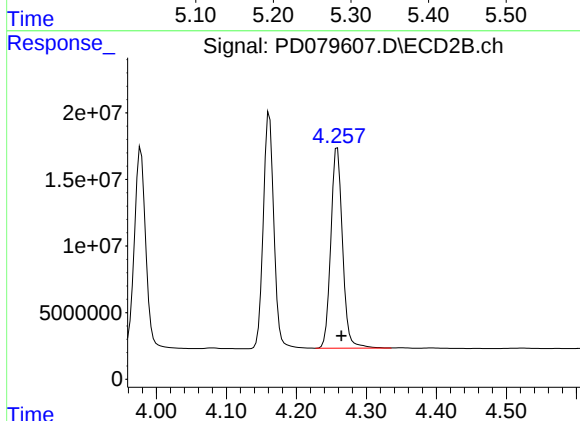
#5 Aldrin

R.T.: 5.303 min
Delta R.T.: 0.006 min
Response: 119521158
Conc: 46.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

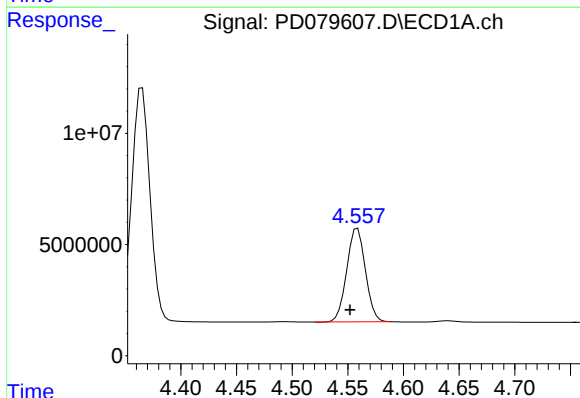
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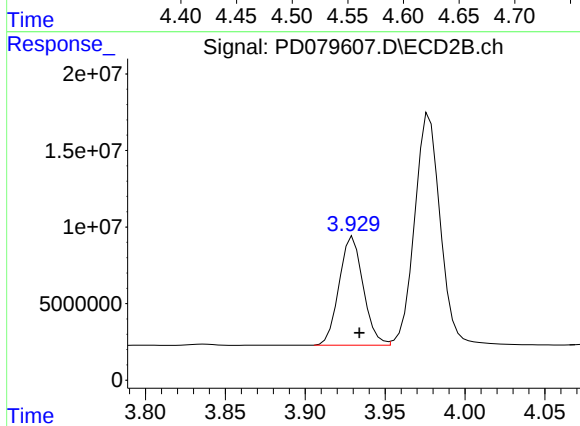
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.006 min
Response: 175192969
Conc: 53.55 ng/ml



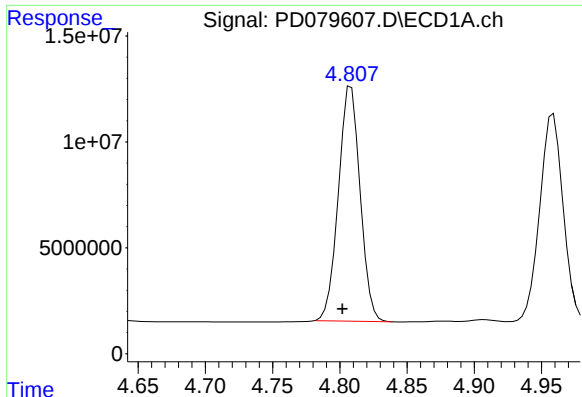
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: 0.007 min
Response: 49086708
Conc: 45.81 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 74531784
Conc: 52.89 ng/ml



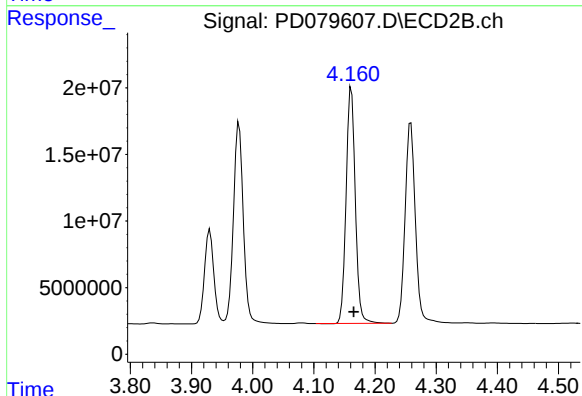
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.006 min
Response: 124112076
Conc: 46.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

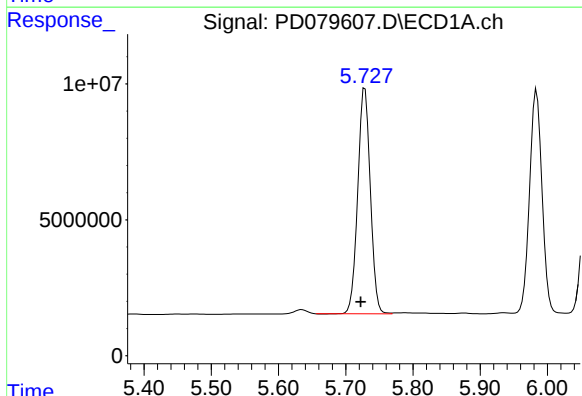
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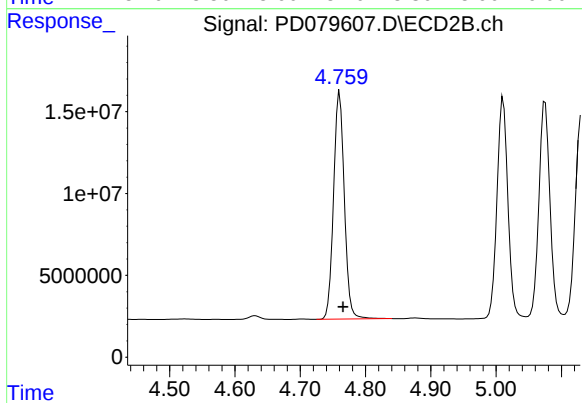
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: -0.004 min
Response: 185443022
Conc: 55.39 ng/ml



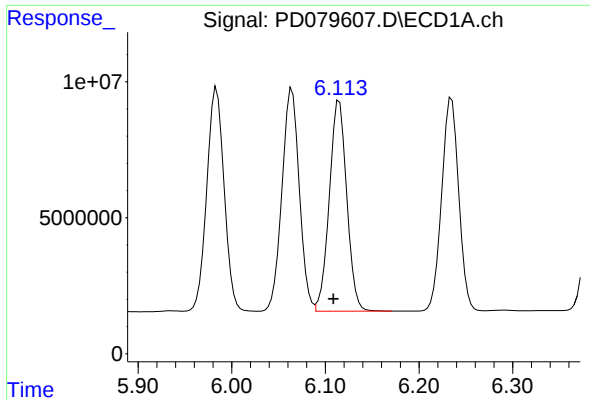
#8 Heptachlor epoxide

R.T.: 5.728 min
Delta R.T.: 0.006 min
Response: 107982742
Conc: 46.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 159442036
Conc: 53.78 ng/ml



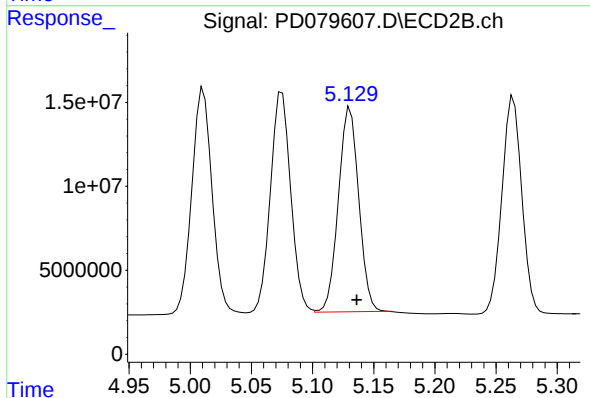
#9 Endosulfan I

R.T.: 6.115 min
Delta R.T.: 0.006 min
Response: 100456156
Conc: 46.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

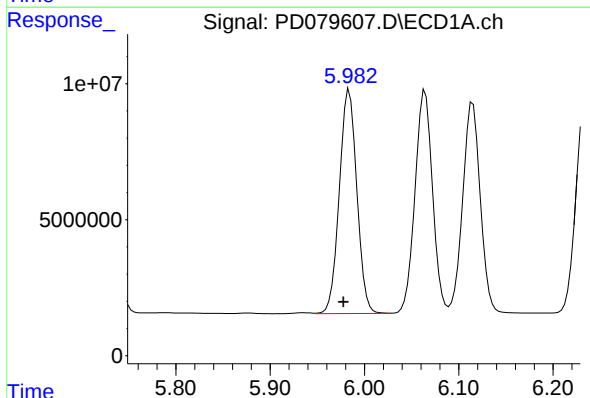
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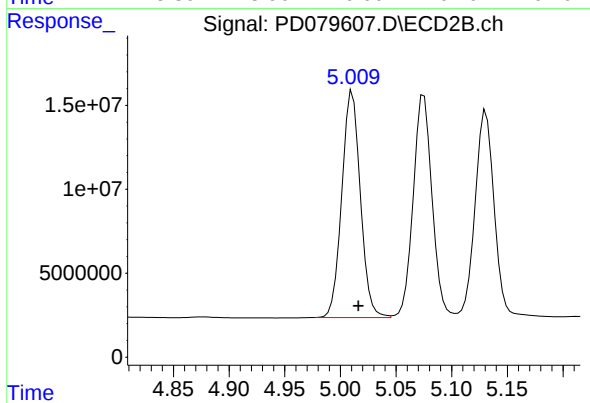
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 140973200
Conc: 53.24 ng/ml m



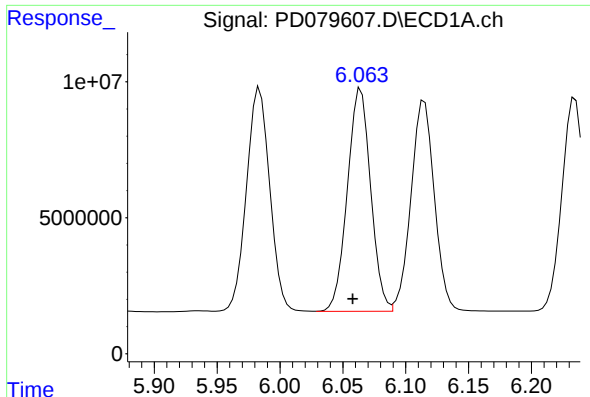
#10 gamma-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.006 min
Response: 106376205
Conc: 46.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 156434435
Conc: 54.52 ng/ml m



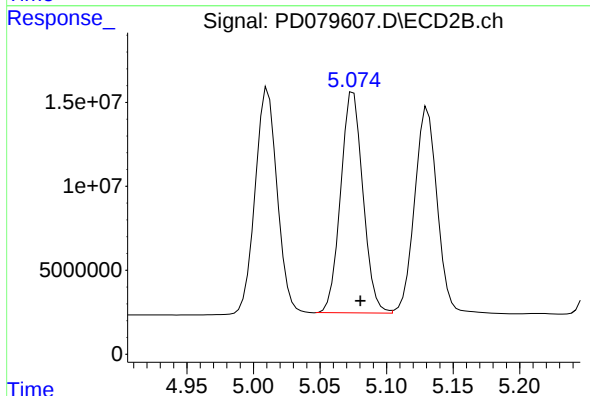
#11 alpha-Chlordane

R.T.: 6.064 min
Delta R.T.: 0.007 min
Response: 105827405
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

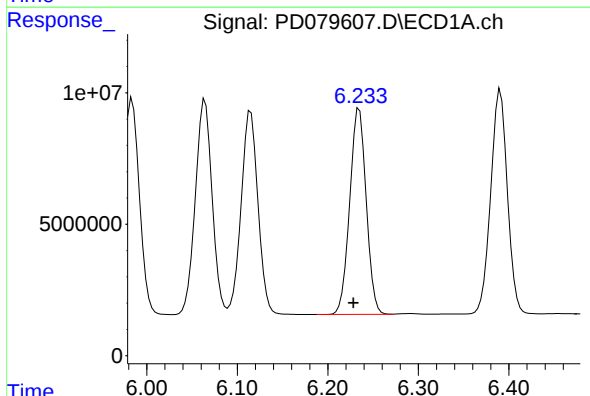
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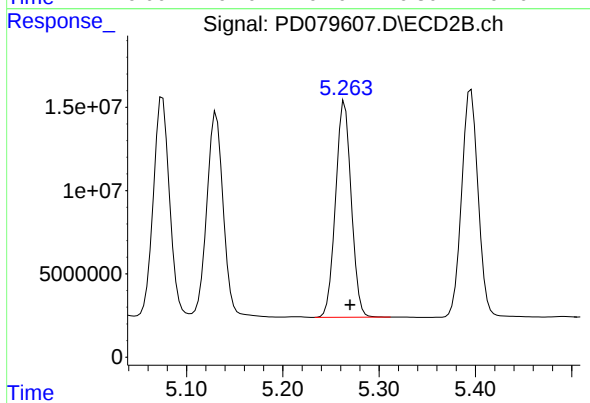
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 153216004
Conc: 53.39 ng/ml m



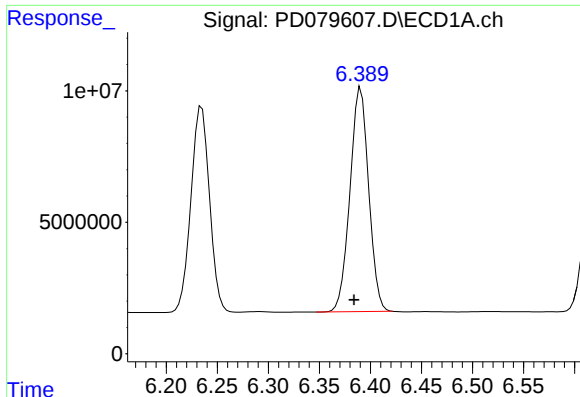
#12 4,4'-DDE

R.T.: 6.235 min
Delta R.T.: 0.007 min
Response: 99278820
Conc: 46.98 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 146718625
Conc: 55.11 ng/ml



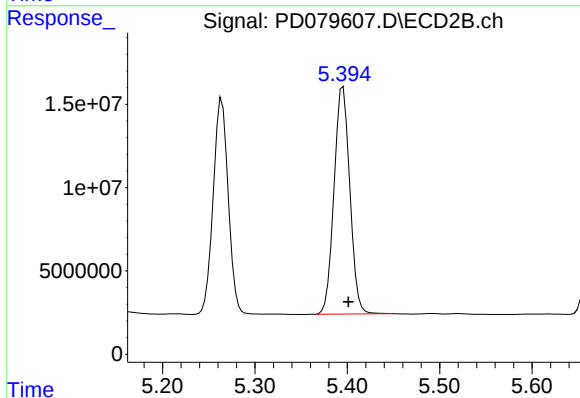
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.007 min
Response: 108550096
Conc: 46.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

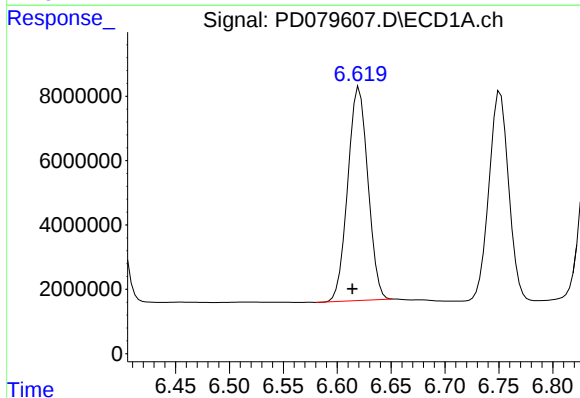
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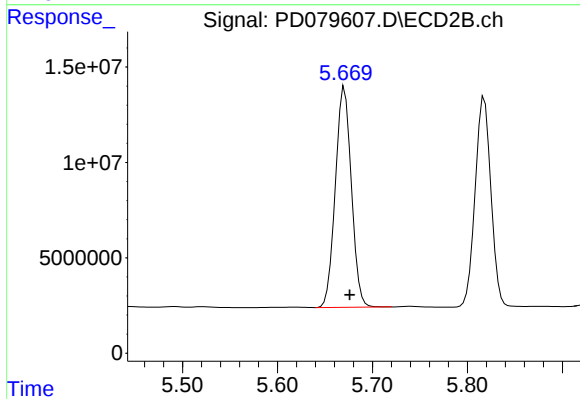
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 162046611
Conc: 54.56 ng/ml



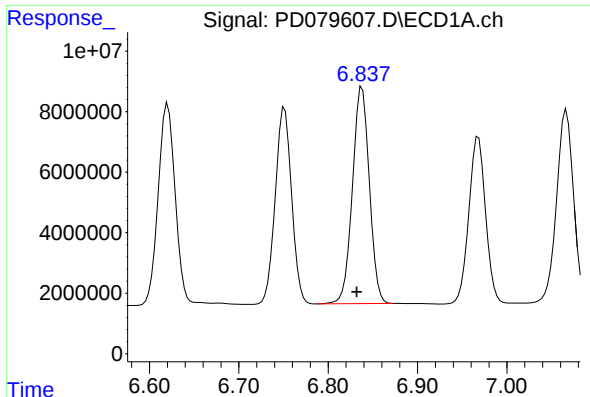
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 86416469
Conc: 44.37 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 135636770
Conc: 53.00 ng/ml



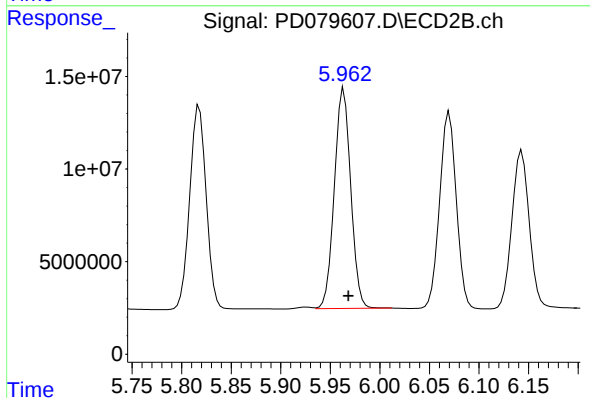
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.006 min
Response: 94161790
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

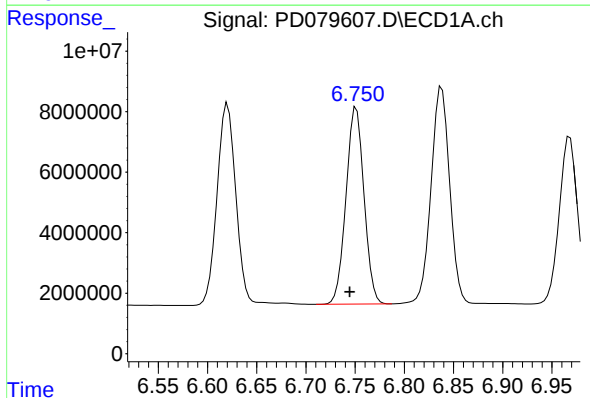
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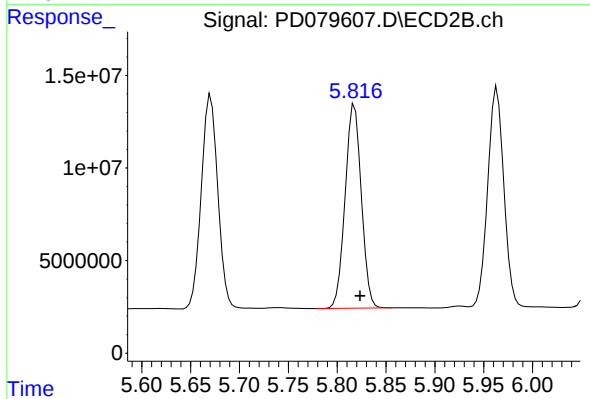
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 136602598
Conc: 54.72 ng/ml



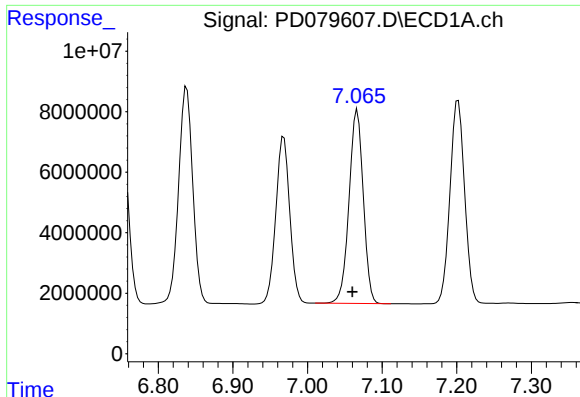
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: 0.006 min
Response: 82848857
Conc: 47.13 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 126835184
Conc: 55.53 ng/ml



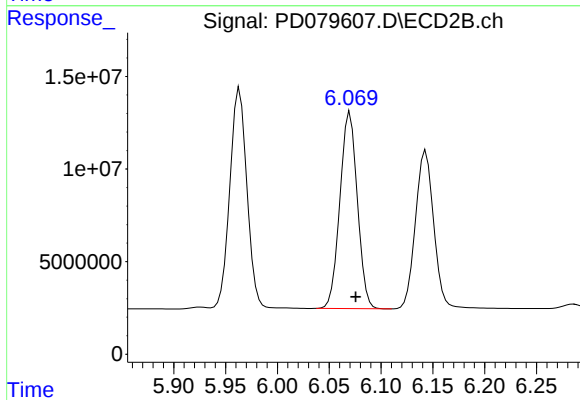
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: 0.007 min
Response: 84829332
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

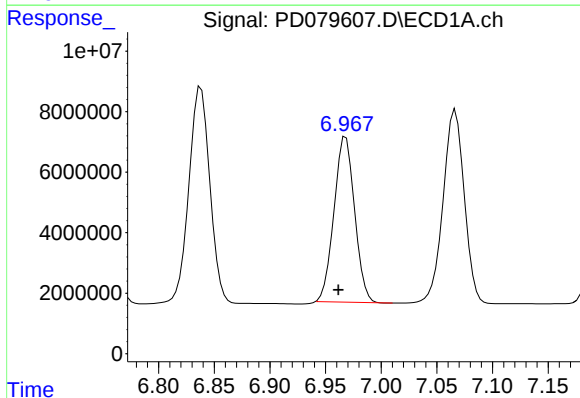
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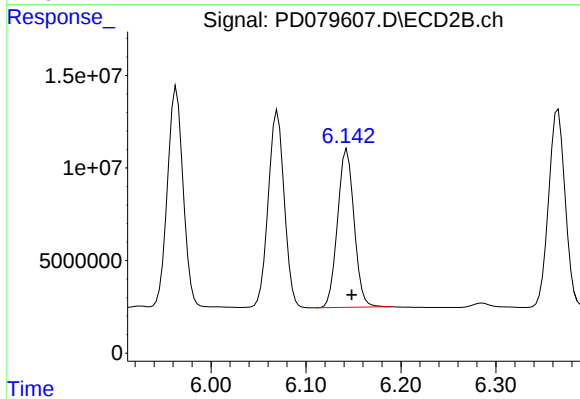
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 124313631
Conc: 54.30 ng/ml



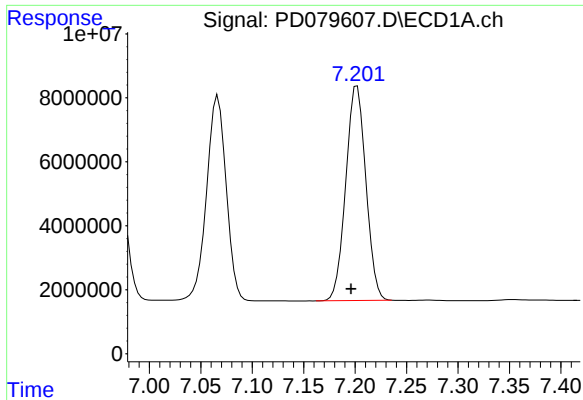
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: 0.007 min
Response: 70315169
Conc: 45.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 103863773
Conc: 55.86 ng/ml



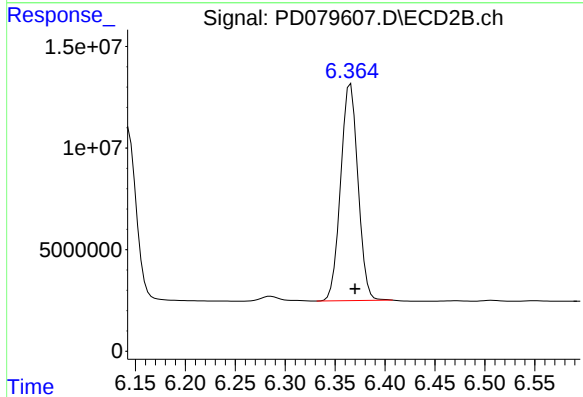
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.006 min
Response: 91320506
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

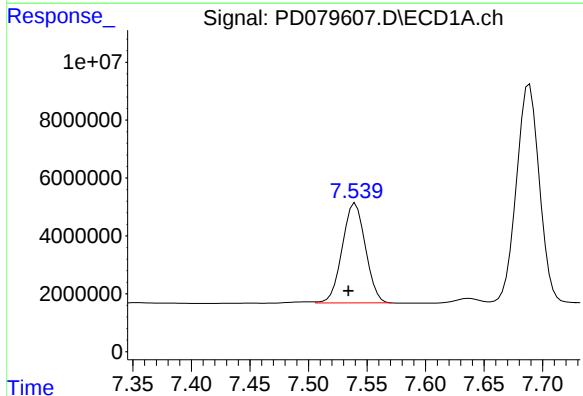
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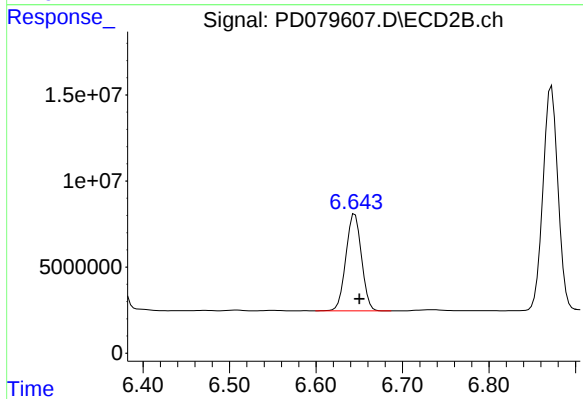
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 128964362
Conc: 55.24 ng/ml



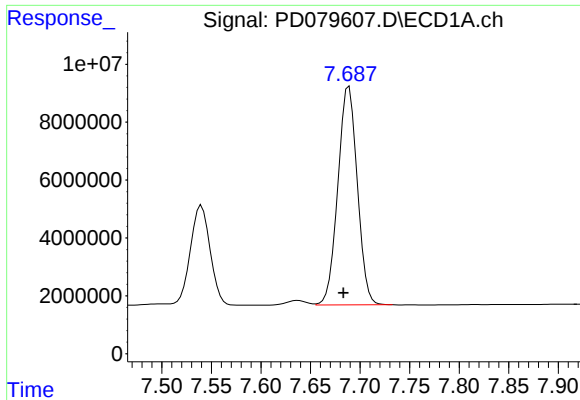
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.006 min
Response: 47525025
Conc: 43.37 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 70213141
Conc: 51.72 ng/ml



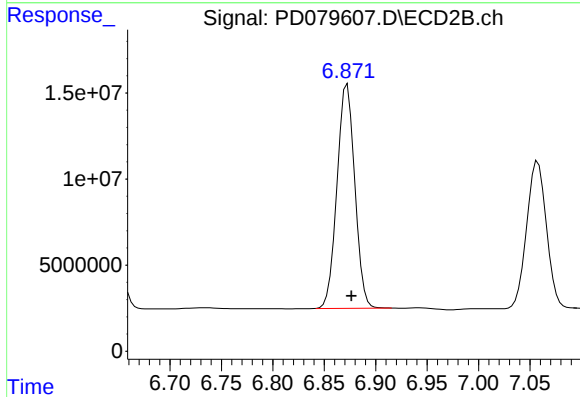
#21 Endrin ketone

R.T.: 7.689 min
Delta R.T.: 0.006 min
Response: 102988954
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

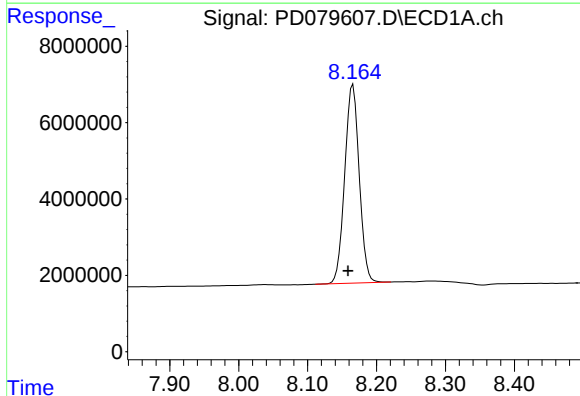
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



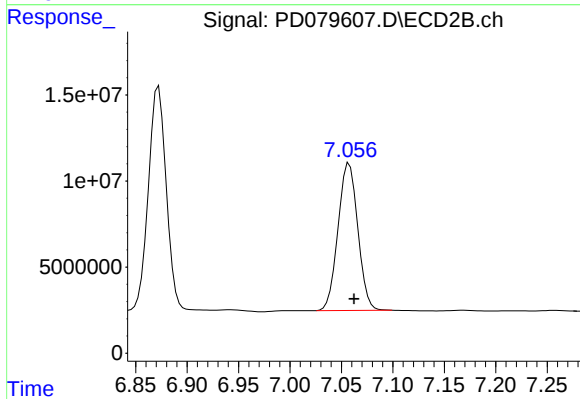
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 156653516
Conc: 56.03 ng/ml



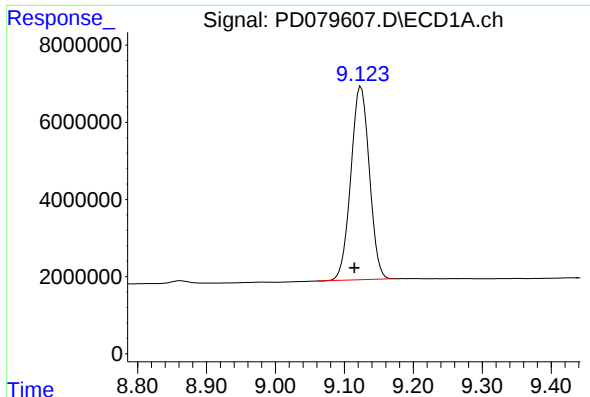
#22 Mirex

R.T.: 8.166 min
Delta R.T.: 0.007 min
Response: 76149158
Conc: 44.99 ng/ml



#22 Mirex

R.T.: 7.058 min
Delta R.T.: -0.005 min
Response: 114750366
Conc: 53.71 ng/ml



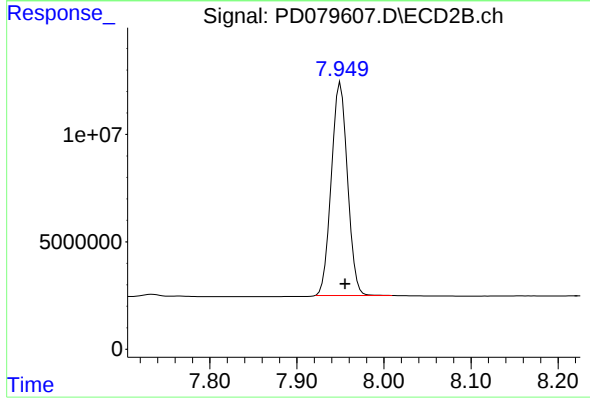
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.009 min
Response: 93425776
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.005 min
Response: 128268983
Conc: 52.62 ng/ml