

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 17:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 20:19:44 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...	3.569	2.803	72859010	117.3E6	45.126	50.674
28)	SA Decachlor...	9.118	7.949	90249860	125.5E6	44.989	51.488
Target Compounds							
2)	A alpha-BHC	4.026	3.306	123.1E6	182.7E6	46.232	52.689
3)	MA gamma-BHC...	4.359	3.636	119.0E6	178.8E6	45.790	52.641
4)	MA Heptachlor	4.953	3.978	117.8E6	165.5E6	44.051	54.191
5)	MB Aldrin	5.296	4.259	117.6E6	171.5E6	45.642	52.431
6)	B beta-BHC	4.553	3.930	48685509	73403444	45.433	52.092
7)	B delta-BHC	4.801	4.162	122.7E6	182.2E6	45.831m	54.406
8)	B Heptachlo...	5.722	4.760	105.9E6	156.1E6	45.185	52.642
9)	A Endosulfan I	6.109	5.129	98526155	139.2E6	45.447	52.561m
10)	B gamma-Chl...	5.979	5.010	104.1E6	152.6E6	45.419	53.175m
11)	B alpha-Chl...	6.058	5.074	103.5E6	149.3E6	45.383	52.013m
12)	B 4,4'-DDE	6.229	5.264	97051745	143.3E6	45.929	53.835
13)	MA Dieldrin	6.385	5.396	106.6E6	158.6E6	45.767	53.407
14)	MA Endrin	6.615	5.670	88570997	136.6E6	45.477	53.387
15)	B Endosulfa...	6.833	5.963	92041185	133.1E6	45.126	53.315
16)	A 4,4'-DDD	6.746	5.818	80501796	122.2E6	45.793	53.516
17)	MA 4,4'-DDT	7.061	6.070	84170237	122.2E6	44.448	53.362
18)	B Endrin al...	6.961	6.143	70760920	100.8E6	45.820m	54.211
19)	B Endosulfa...	7.197	6.365	89327582	125.2E6	44.930	53.632
20)	A Methoxychlor	7.535	6.645	47671098	69825668	43.504	51.432
21)	B Endrin ke...	7.683	6.871	99948686	150.1E6	45.844	53.686
22)	Mirex	8.161	7.055	74837184	112.4E6	44.213	52.609m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 17:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

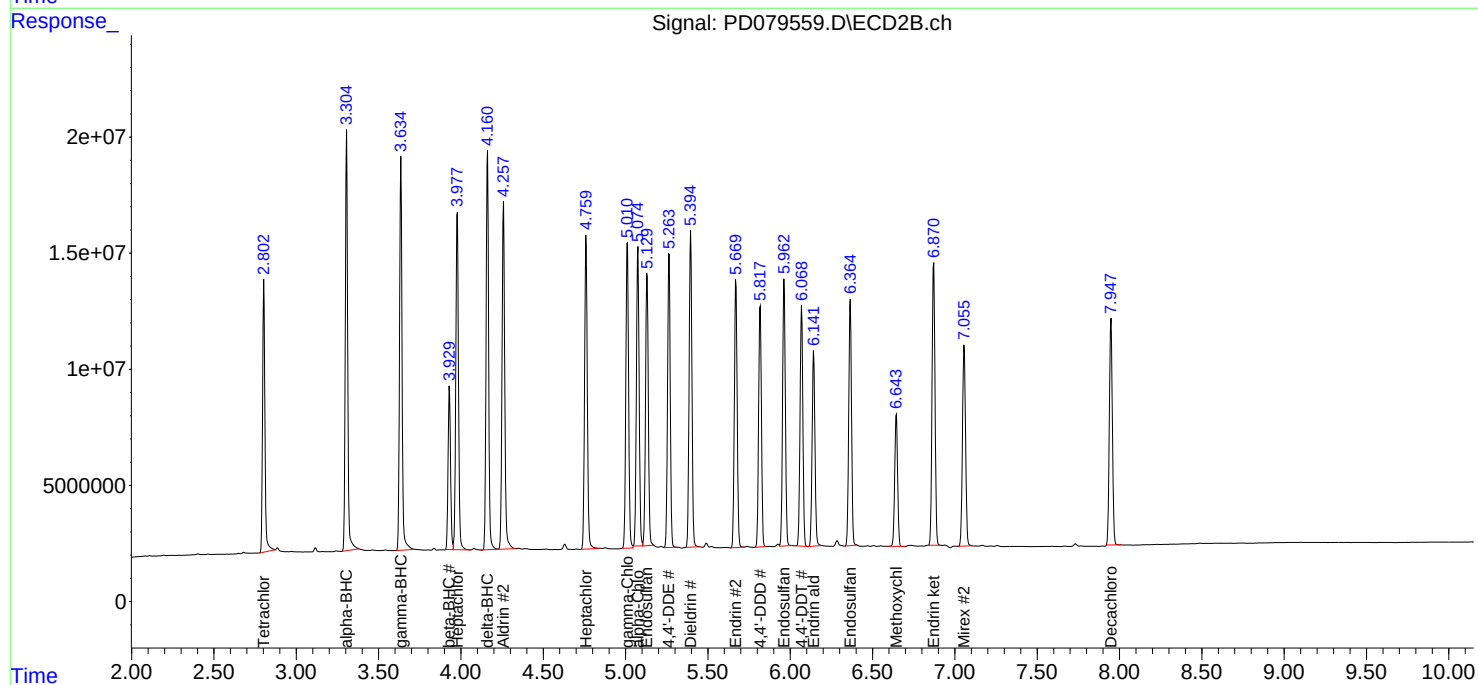
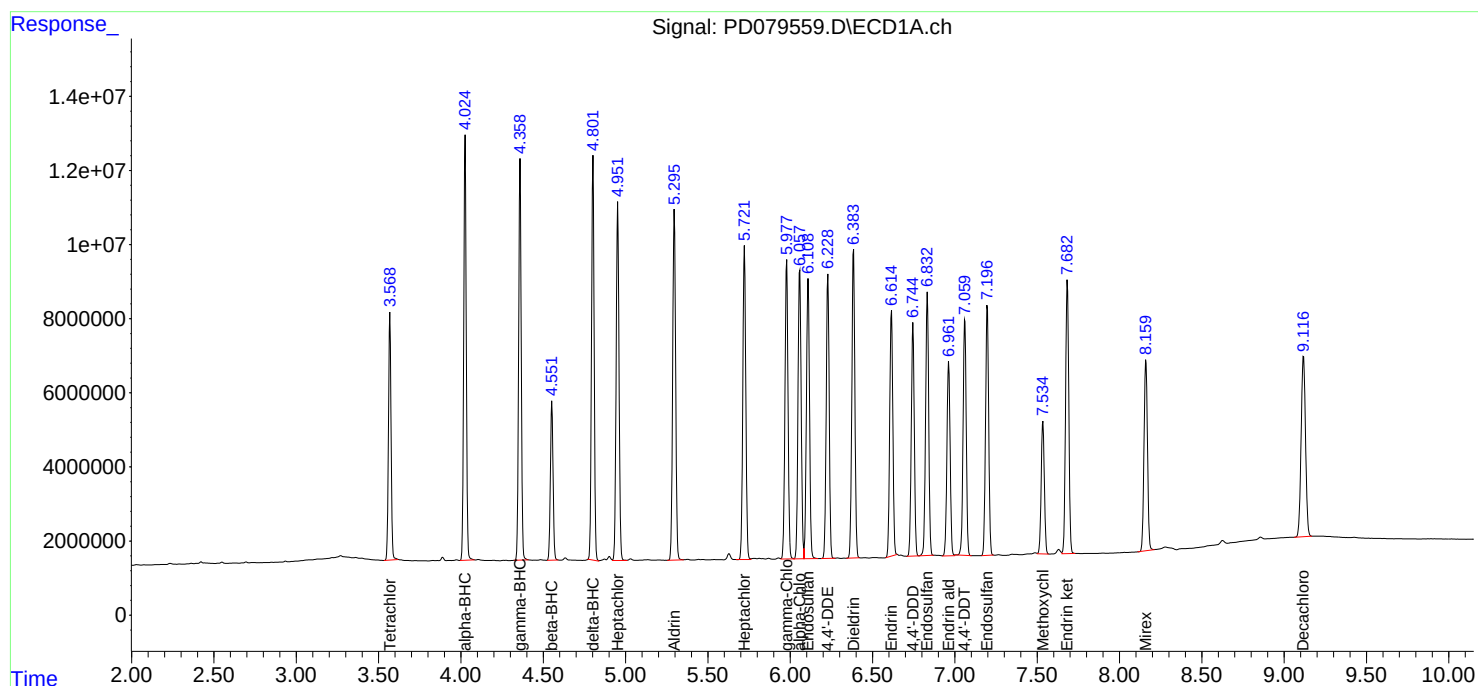
APPROVED

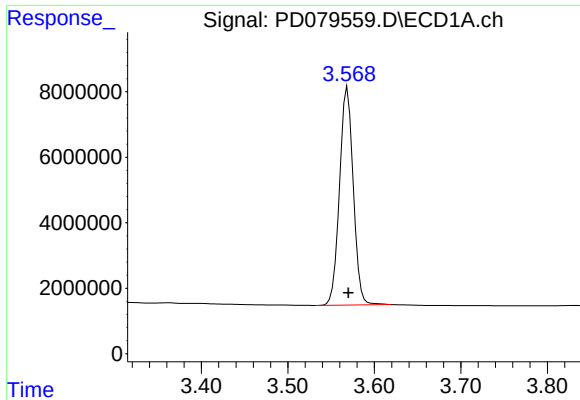
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 20:19:44 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





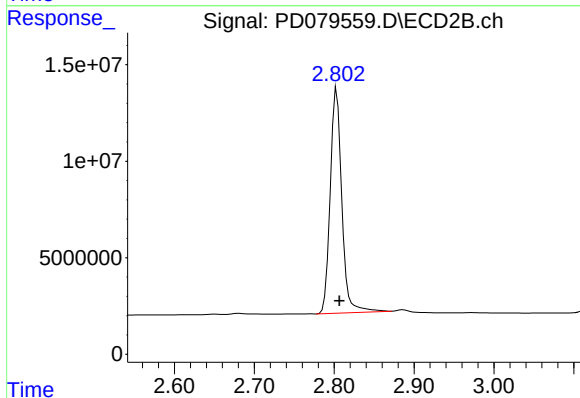
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 72859010
Conc: 45.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

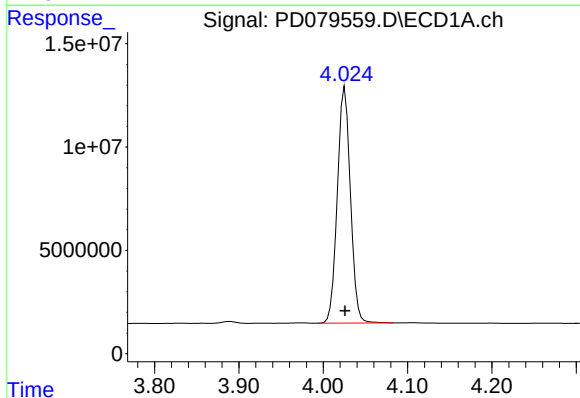
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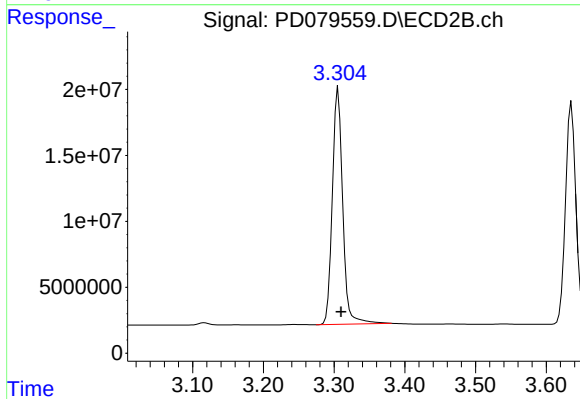
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 117324013
Conc: 50.67 ng/ml



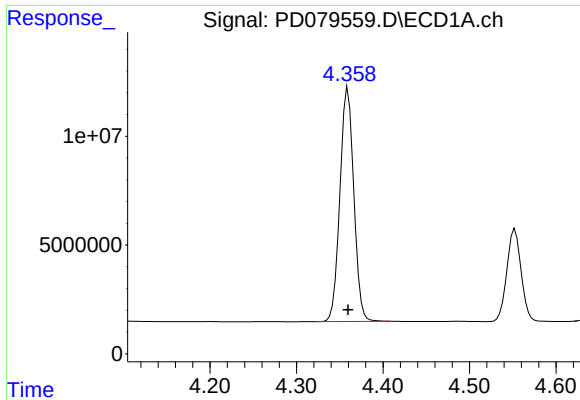
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 123073836
Conc: 46.23 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 182693809
Conc: 52.69 ng/ml



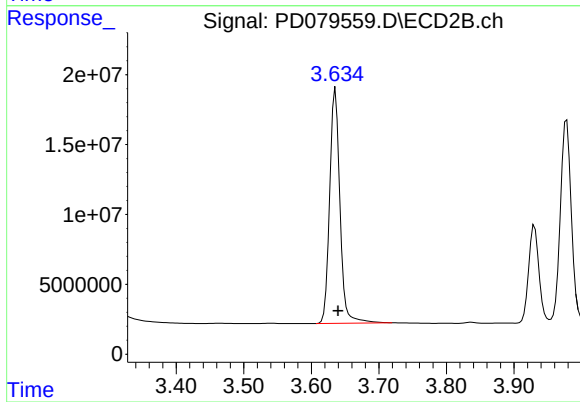
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 118999846
Conc: 45.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

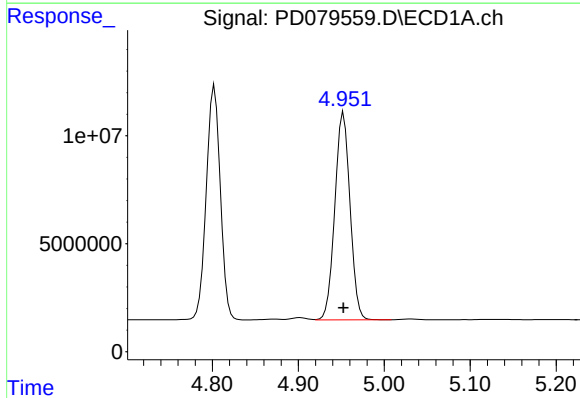
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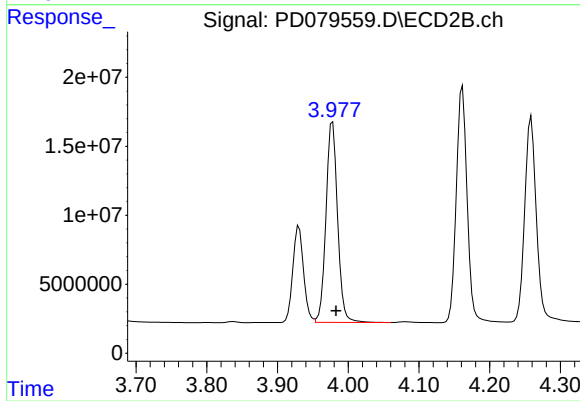
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 178758978
Conc: 52.64 ng/ml



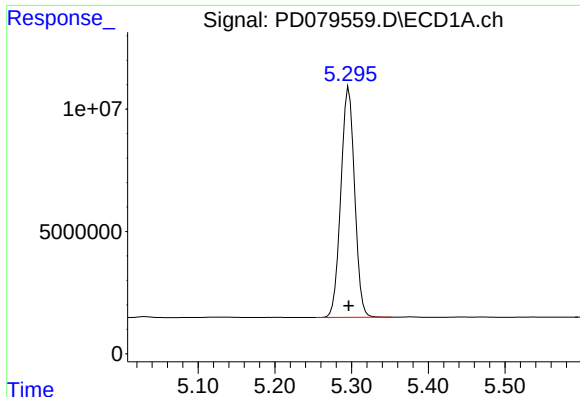
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 117832473
Conc: 44.05 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 165507061
Conc: 54.19 ng/ml



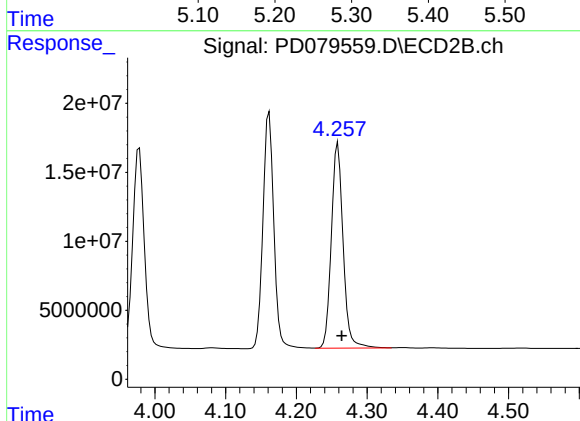
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 117610745
Conc: 45.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

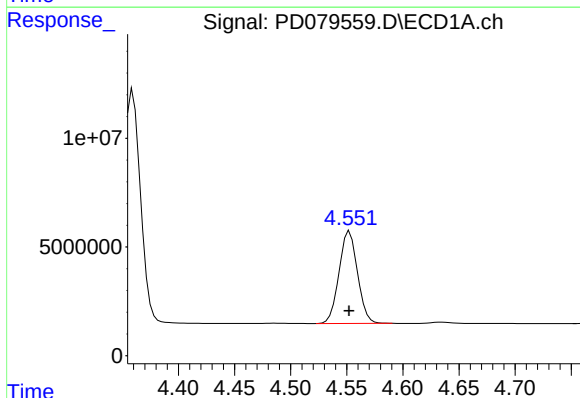
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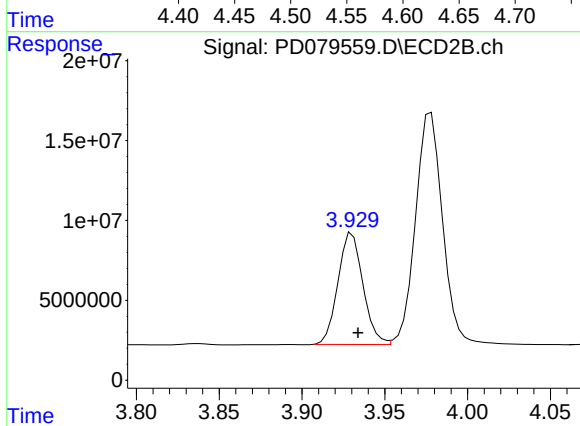
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.006 min
Response: 171518949
Conc: 52.43 ng/ml



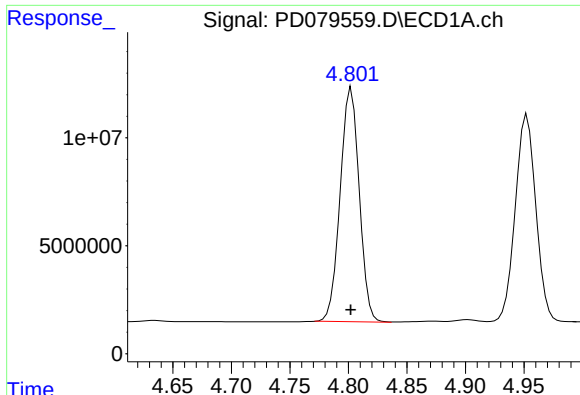
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 48685509
Conc: 45.43 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 73403444
Conc: 52.09 ng/ml



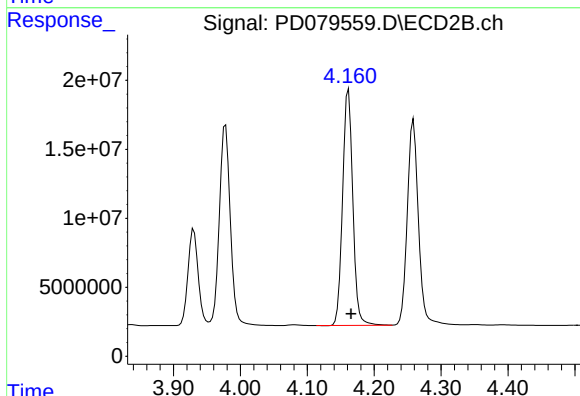
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 122691712
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

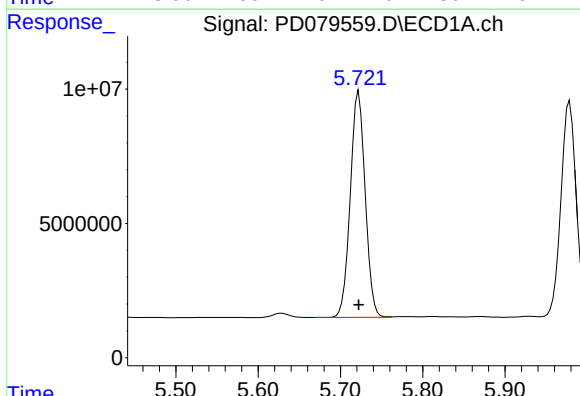
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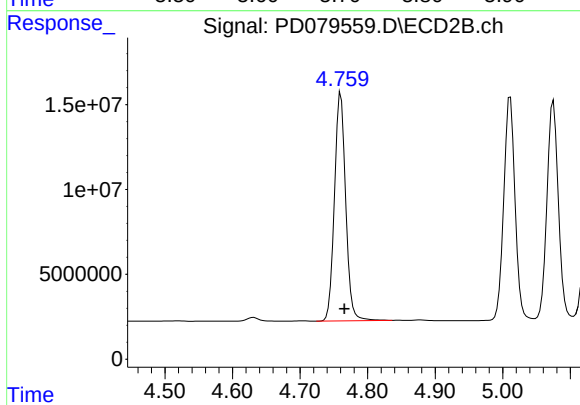
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 182162927
Conc: 54.41 ng/ml



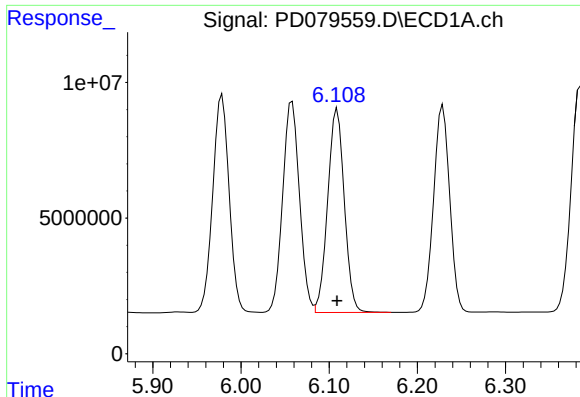
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 105898421
Conc: 45.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 156068164
Conc: 52.64 ng/ml



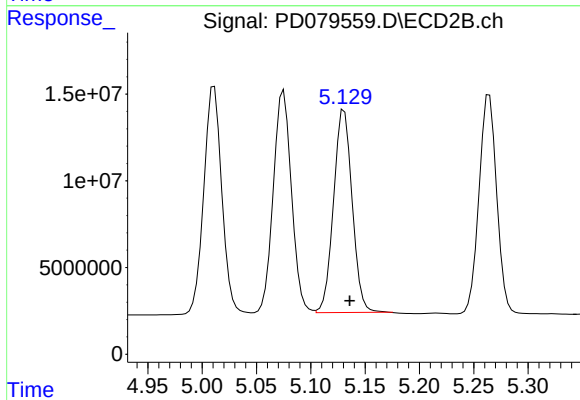
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 98526155
Conc: 45.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

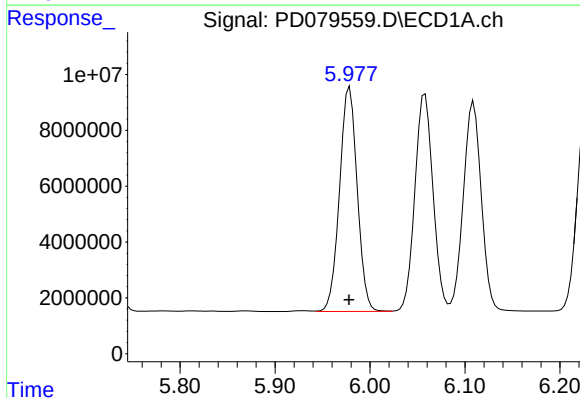
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Supervised By :Ankita Jodhani 11/09/2023



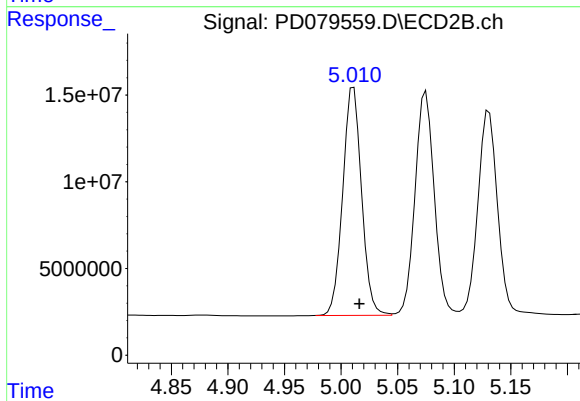
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 139165504
Conc: 52.56 ng/ml m



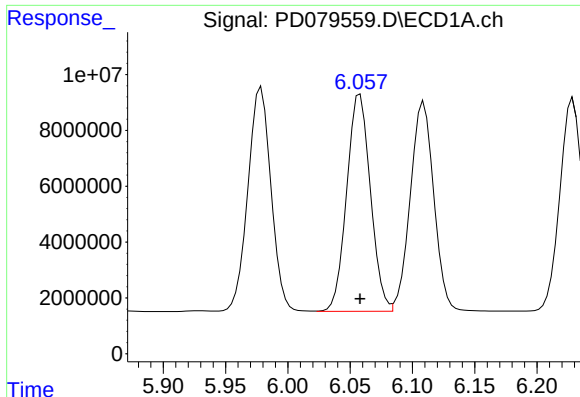
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 104133029
Conc: 45.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.007 min
Response: 152583093
Conc: 53.18 ng/ml m



#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 103481713
Conc: 45.38 ng/ml

Instrument :

ECD_D

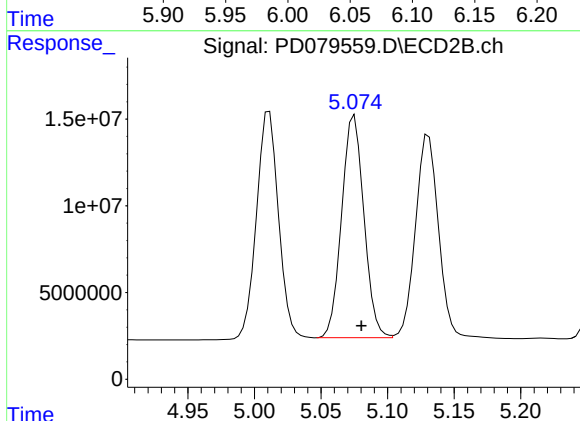
ClientSampleId :

PSTDCCC050

Manual Integrations

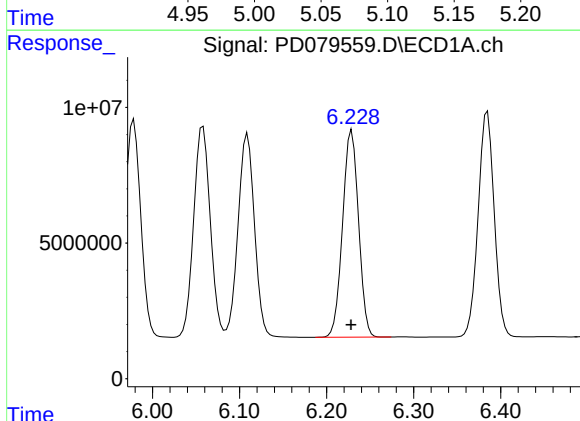
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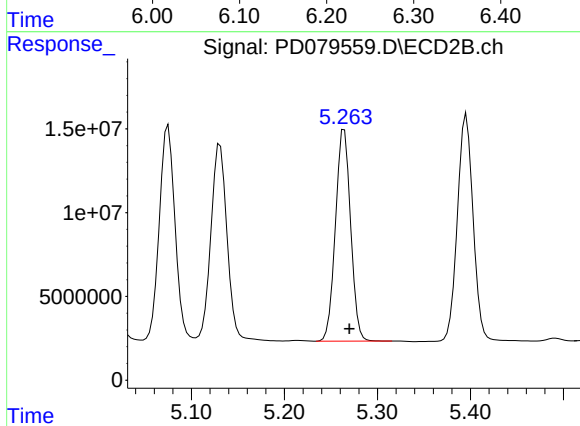
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 149270417
Conc: 52.01 ng/ml m



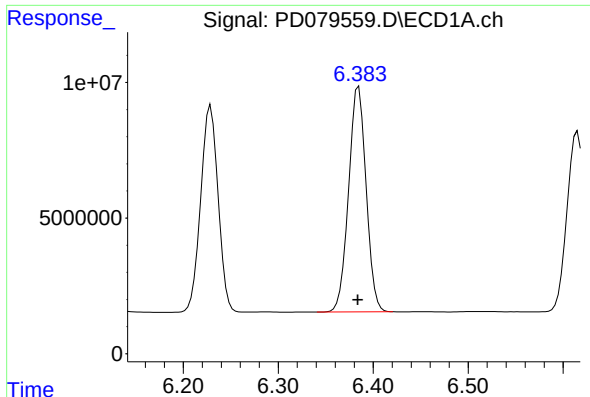
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 97051745
Conc: 45.93 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 143330157
Conc: 53.84 ng/ml



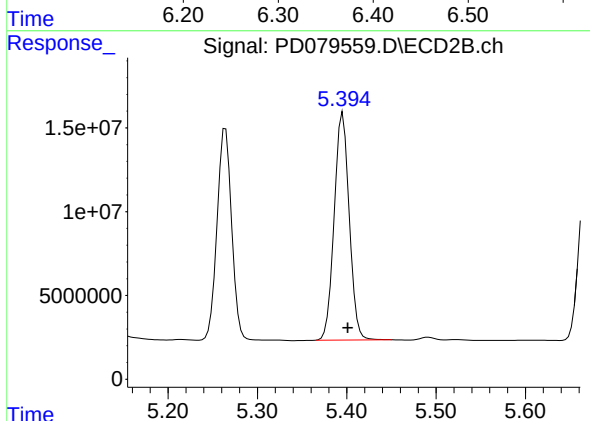
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 106583584
Conc: 45.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

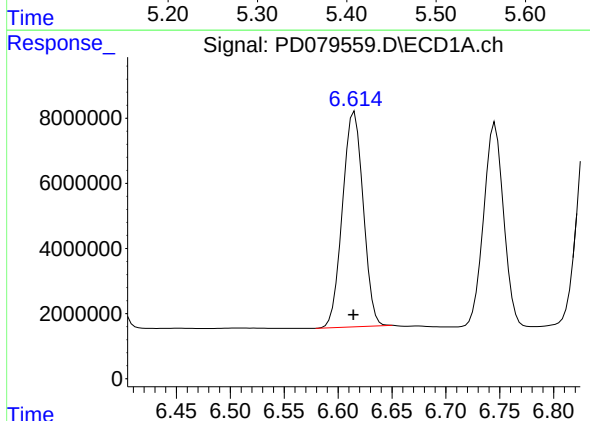
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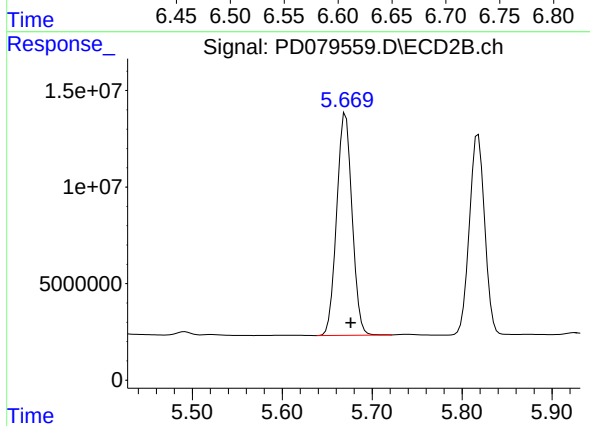
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 158612008
Conc: 53.41 ng/ml



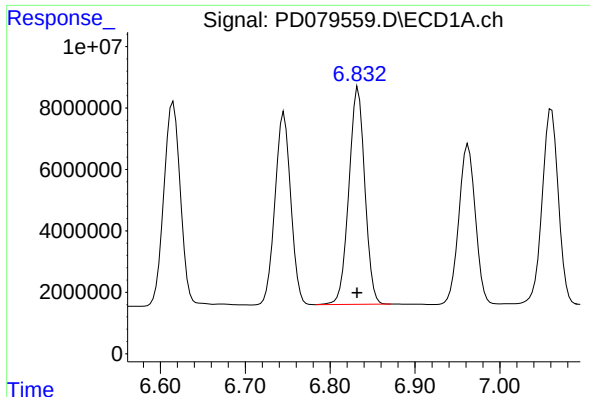
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 88570997
Conc: 45.48 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 136624754
Conc: 53.39 ng/ml



#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 92041185
Conc: 45.13 ng/ml

Instrument :

ECD_D

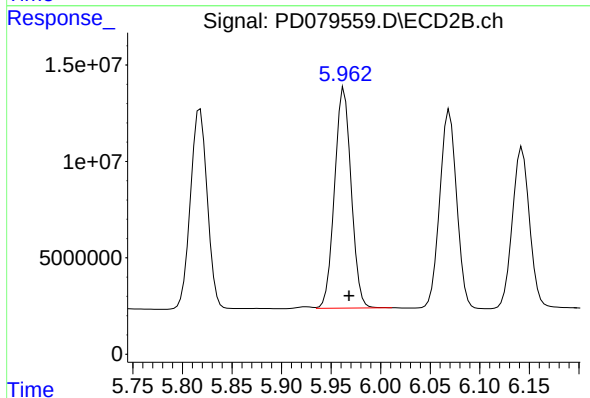
ClientSampleId :

PSTDCCC050

Manual Integrations

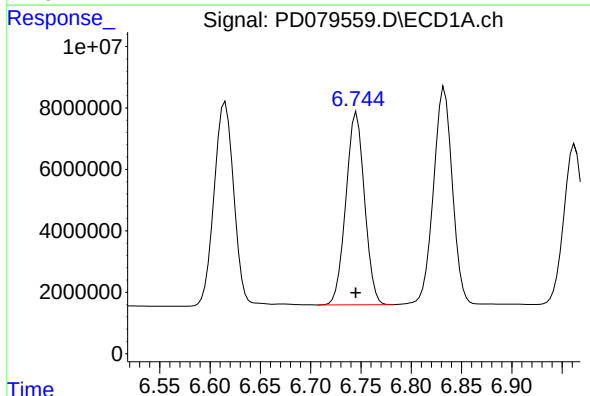
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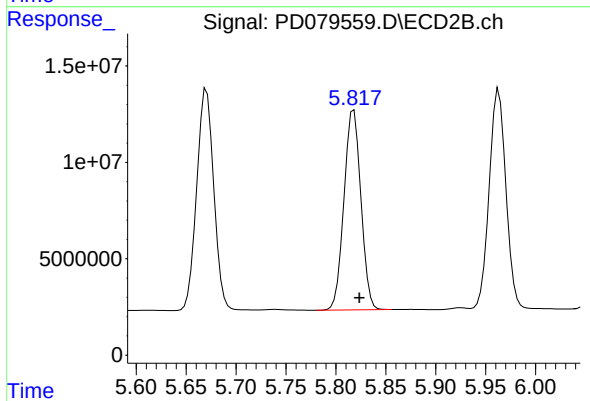
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 133101326
Conc: 53.31 ng/ml



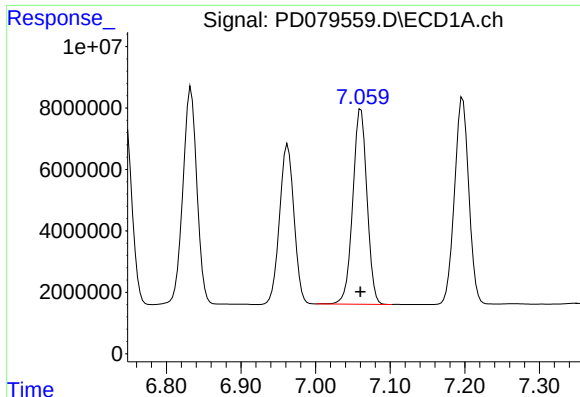
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 80501796
Conc: 45.79 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 122243465
Conc: 53.52 ng/ml



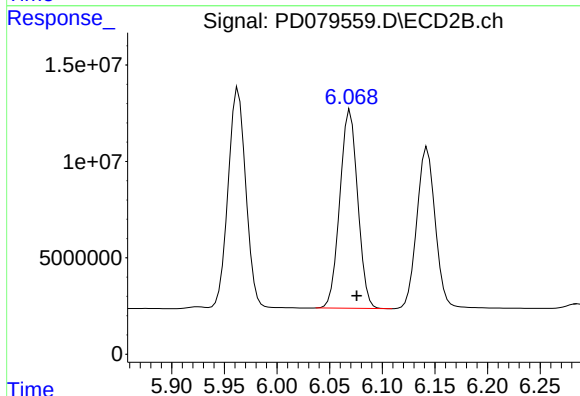
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 84170237
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

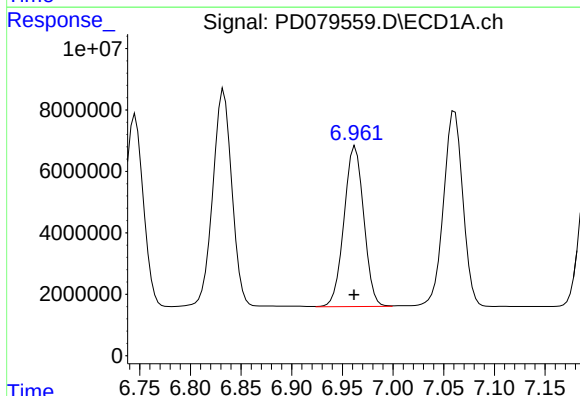
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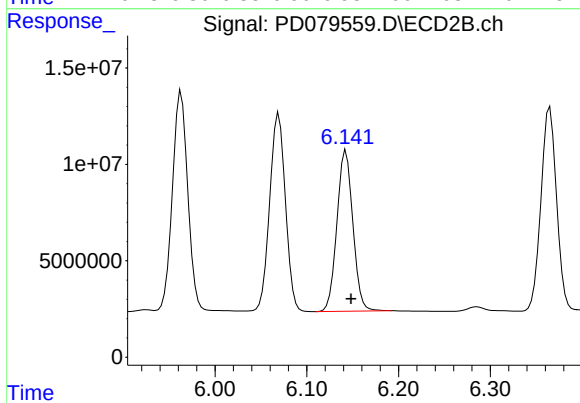
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 122166483
Conc: 53.36 ng/ml



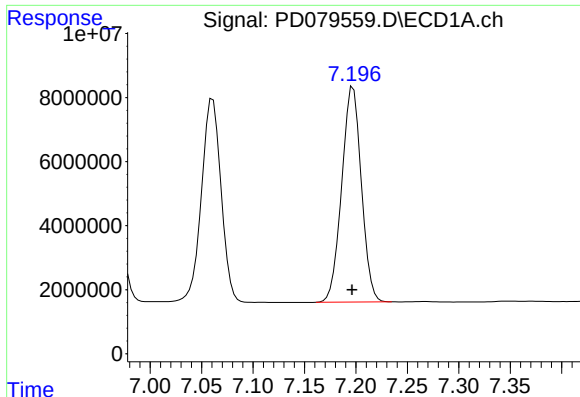
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 70760920
Conc: 45.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 100794182
Conc: 54.21 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 89327582
Conc: 44.93 ng/ml

Instrument :

ECD_D

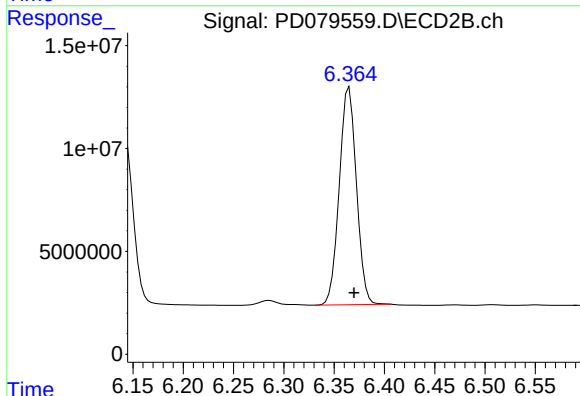
ClientSampleId :

PSTDCCC050

Manual Integrations

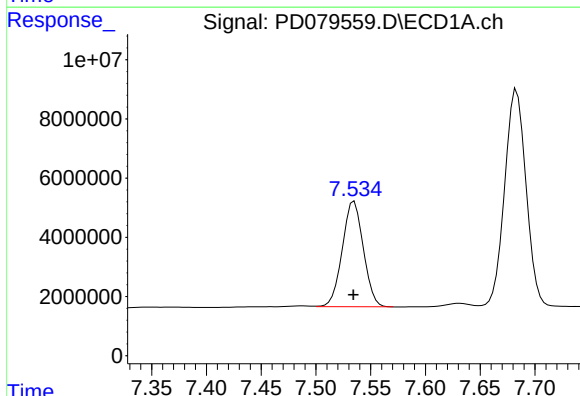
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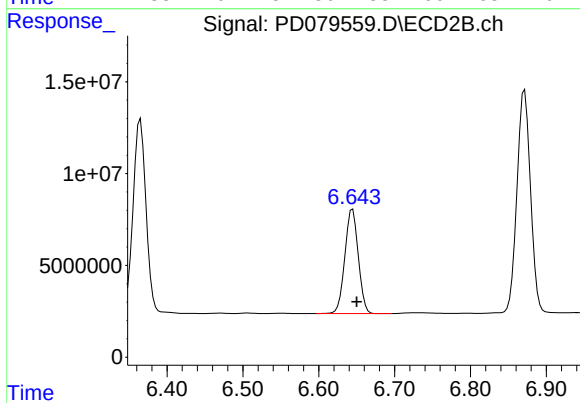
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 125221354
Conc: 53.63 ng/ml



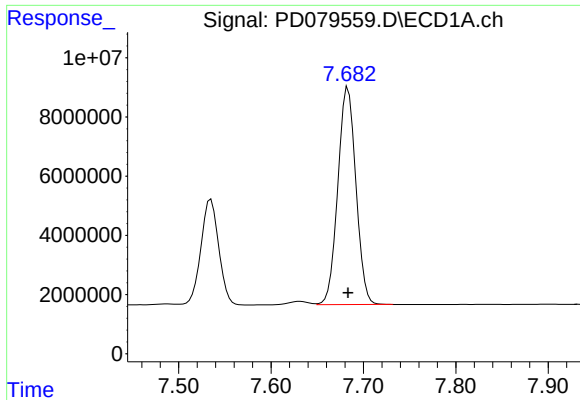
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 47671098
Conc: 43.50 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 69825668
Conc: 51.43 ng/ml



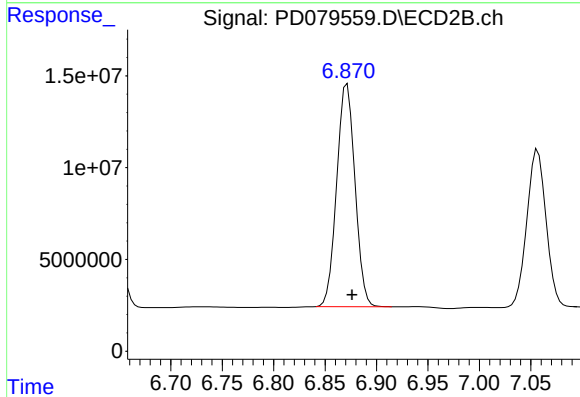
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 99948686
Conc: 45.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

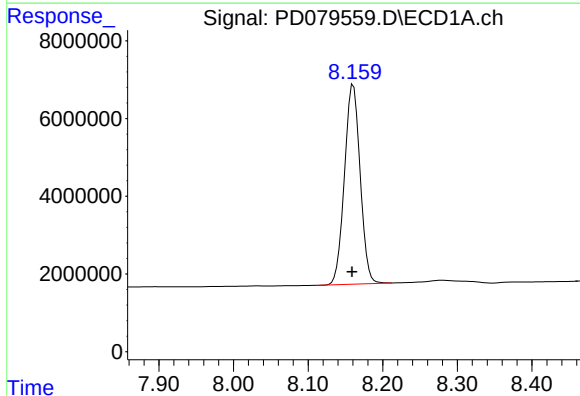
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Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



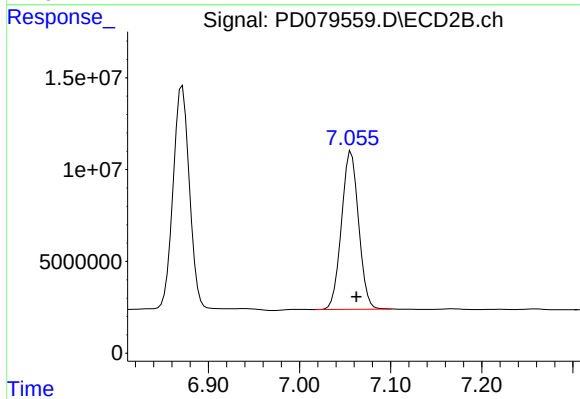
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 150093046
Conc: 53.69 ng/ml



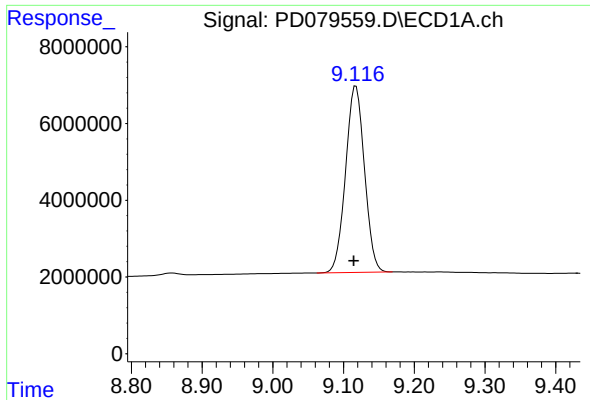
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 74837184
Conc: 44.21 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: -0.007 min
Response: 112390812
Conc: 52.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.003 min
Response: 90249860
Conc: 44.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

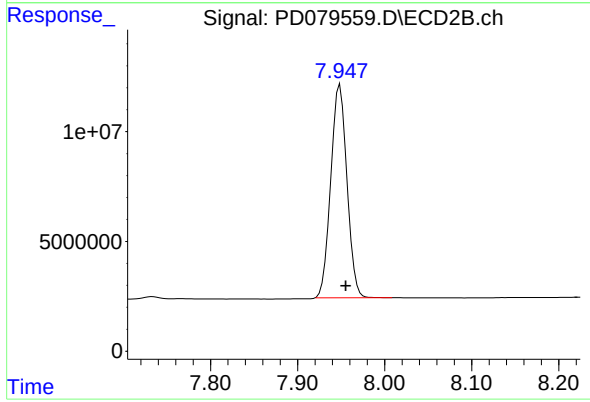
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 125501200
Conc: 51.49 ng/ml