

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 23:54
 Operator : AR\AJ
 Sample : PB157001BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157001BS

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 09 04:10:30 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	2.804	24350935	38770132	15.082	16.745
28)	SA Decachlor...	9.116	7.949	33884383	45180703	16.891	18.536
Target Compounds							
2)	A alpha-BHC	4.026	3.307	103.0E6	151.2E6	38.691	43.595
3)	MA gamma-BHC...	4.359	3.636	100.5E6	148.2E6	38.667	43.630
4)	MA Heptachlor	4.952	3.979	101.7E6	138.0E6	38.035	45.180
5)	MB Aldrin	5.296	4.260	102.2E6	144.0E6	39.650	44.020
6)	B beta-BHC	4.552	3.931	41174629	59997831	38.424	42.579
7)	B delta-BHC	4.800	4.162	102.5E6	148.0E6	38.274m	44.188
8)	B Heptachlo...	5.721	4.761	93455667	132.9E6	39.875	44.825
9)	A Endosulfan I	6.108	5.130	87910246	118.9E6	40.550	44.902m
10)	B gamma-Chl...	5.977	5.010	92582271	129.3E6	40.381	45.075m
11)	B alpha-Chl...	6.058	5.075	91913482	127.0E6	40.309	44.245m
12)	B 4,4'-DDE	6.228	5.265	86476631	121.8E6	40.924	45.763
13)	MA Dieldrin	6.384	5.396	94730567	134.7E6	40.677	45.353
14)	MA Endrin	6.615	5.671	75736822	113.6E6	38.887	44.373
15)	B Endosulfa...	6.832	5.963	81374017	114.5E6	39.896	45.863
16)	A 4,4'-DDD	6.745	5.818	71912295	106.0E6	40.907	46.426
17)	MA 4,4'-DDT	7.060	6.069	74135254	103.2E6	39.149	45.093
18)	B Endrin al...	6.960	6.143	66124086	92361415	42.818m	49.675
19)	B Endosulfa...	7.196	6.365	80220209	108.4E6	40.349	46.421
20)	A Methoxychlor	7.534	6.645	42432136	58405750	38.723	43.020
21)	B Endrin ke...	7.683	6.872	90759353	132.3E6	41.630	47.313
22)	Mirex	8.160	7.056	78784850	112.5E6	46.545	52.643

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 23:54
Operator : AR\AJ
Sample : PB157001BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB157001BS

Manual Integrations

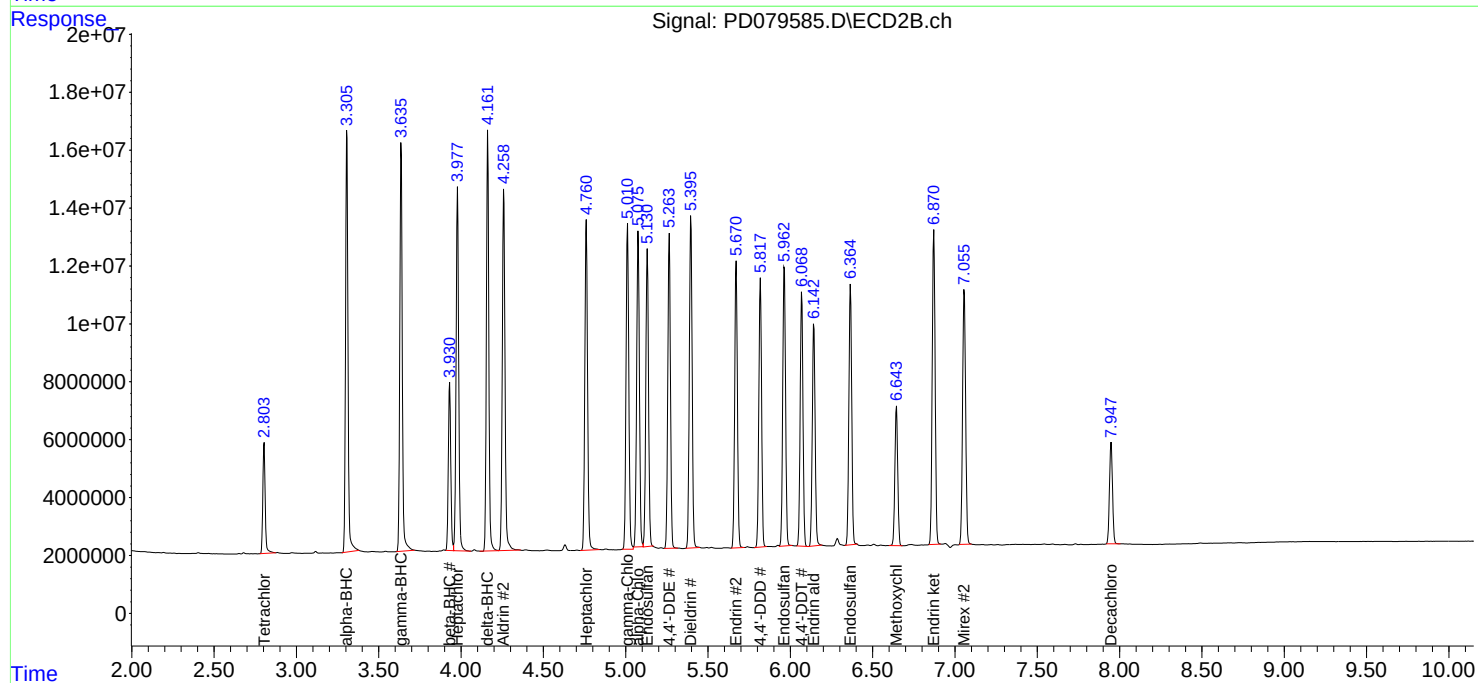
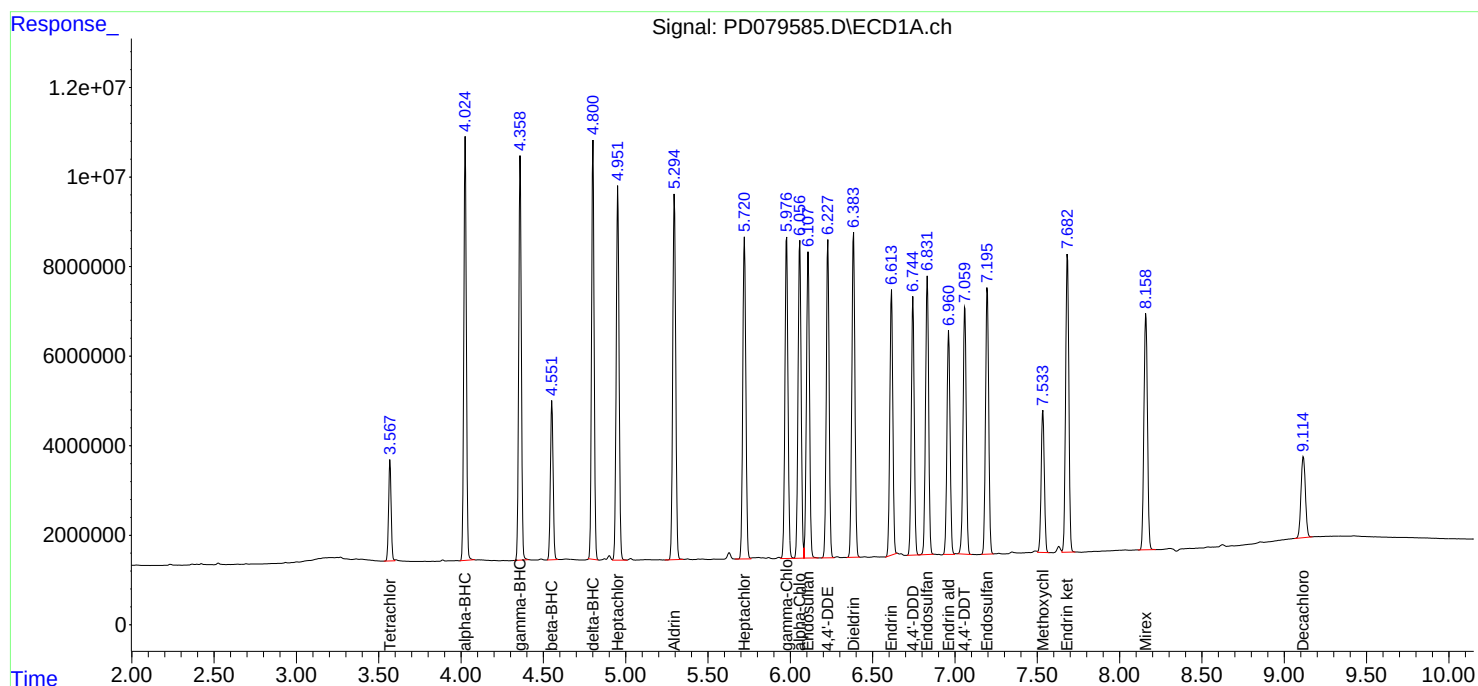
APPROVED

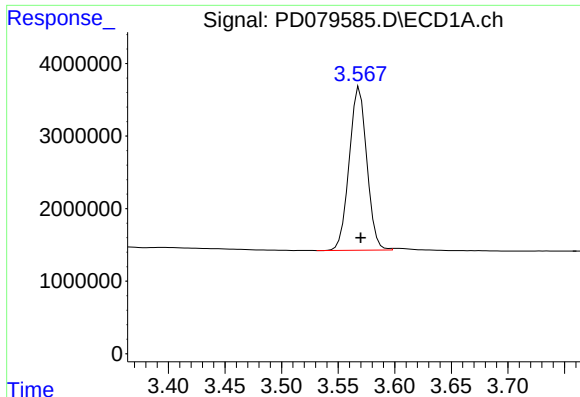
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 04:10:30 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





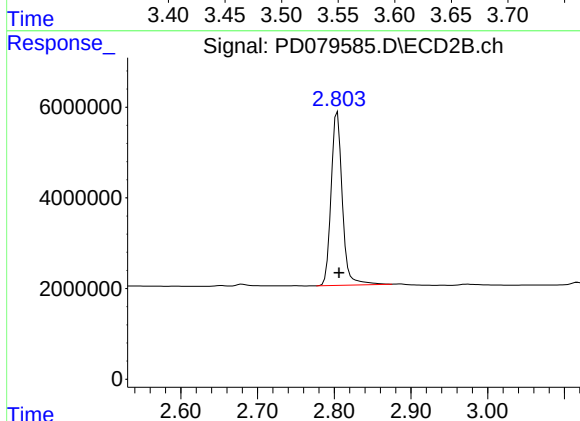
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 24350935
Conc: 15.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

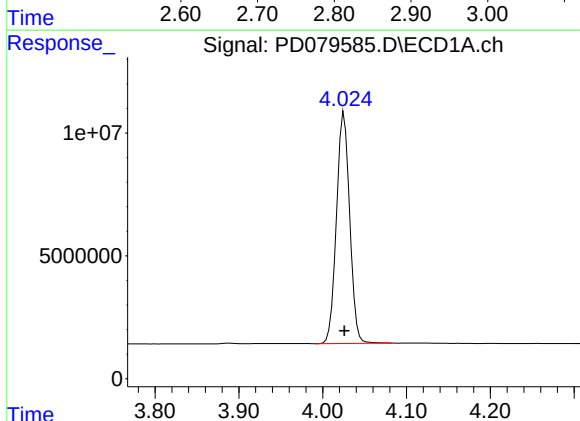
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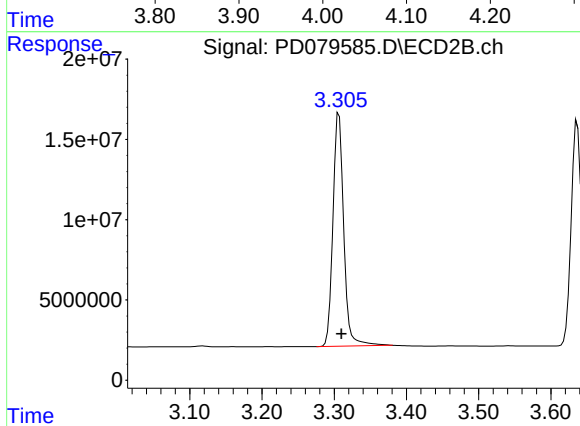
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.002 min
Response: 38770132
Conc: 16.75 ng/ml



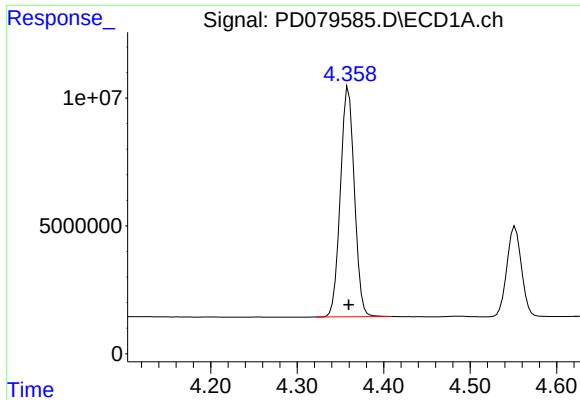
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 102998635
Conc: 38.69 ng/ml



#2 alpha-BHC

R.T.: 3.307 min
Delta R.T.: -0.003 min
Response: 151163420
Conc: 43.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 100488983
Conc: 38.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

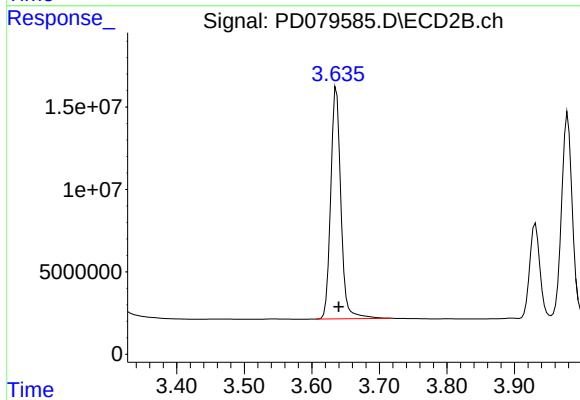
PB157001BS

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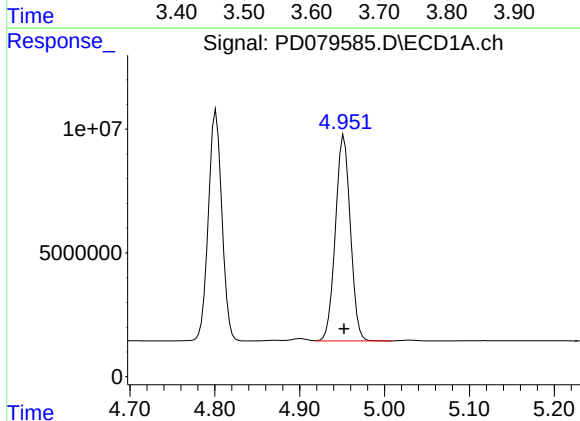
Reviewed By :Abdul Mirza 11/09/2023

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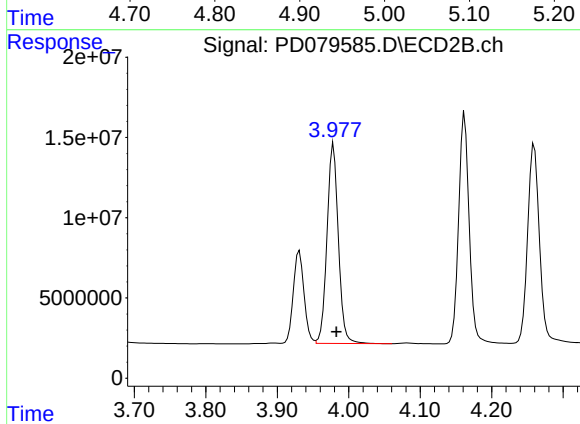
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 148159932
Conc: 43.63 ng/ml



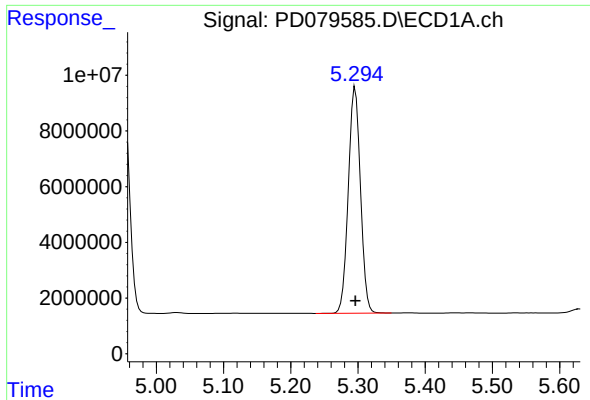
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 101742067
Conc: 38.04 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 137983979
Conc: 45.18 ng/ml



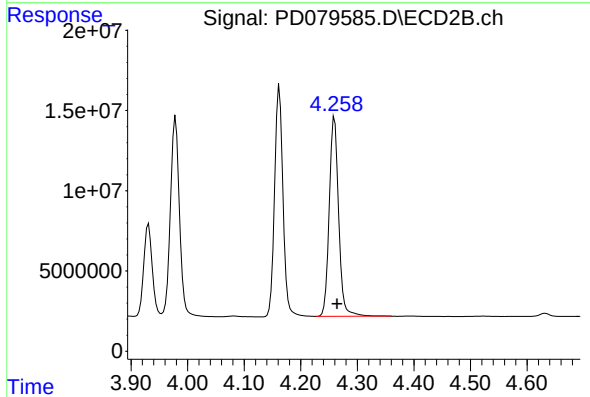
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 102170031
Conc: 39.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

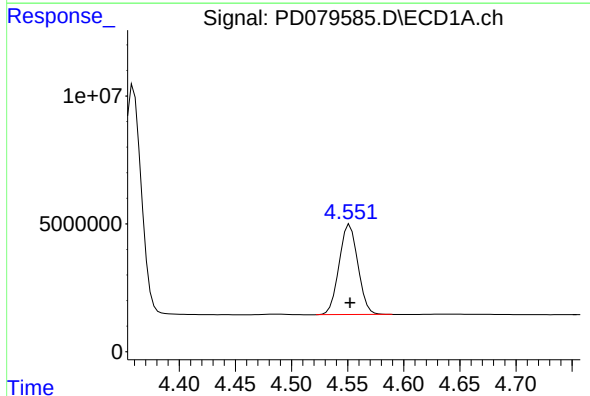
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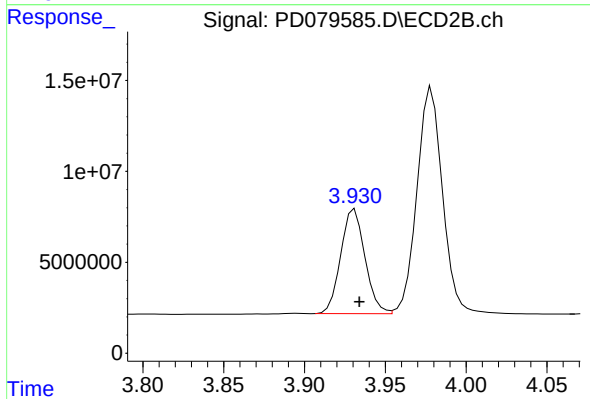
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: -0.005 min
Response: 144002757
Conc: 44.02 ng/ml



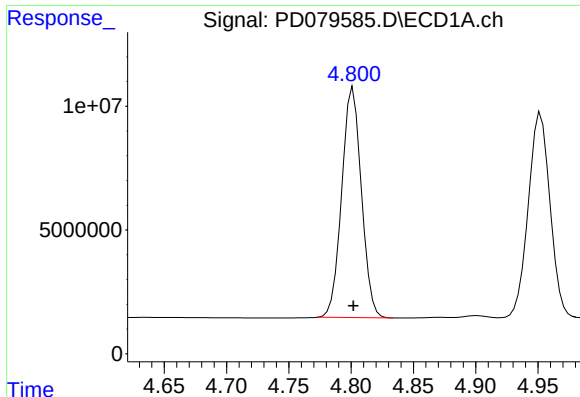
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 41174629
Conc: 38.42 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 59997831
Conc: 42.58 ng/ml



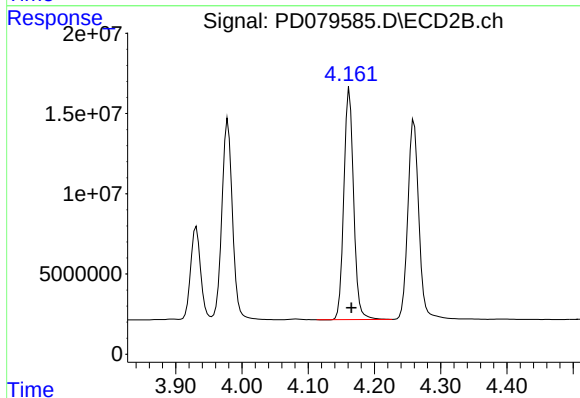
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 102462235
Conc: 38.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

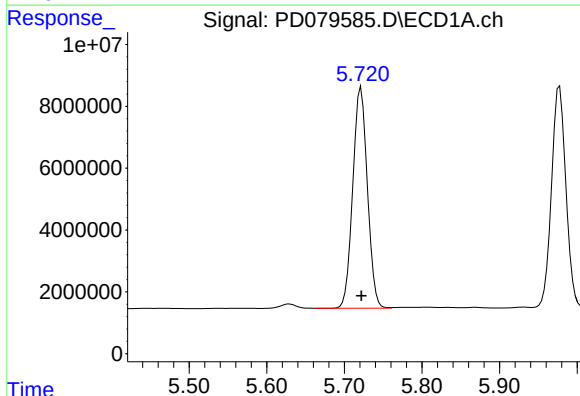
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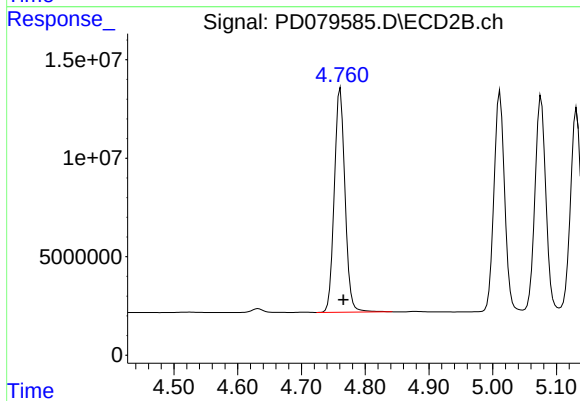
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 147951393
Conc: 44.19 ng/ml



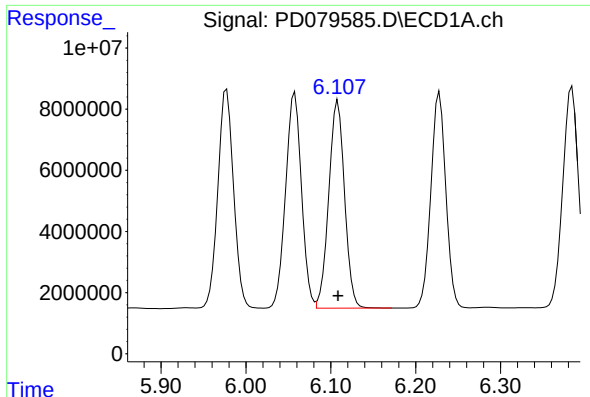
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 93455667
Conc: 39.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 132891496
Conc: 44.82 ng/ml



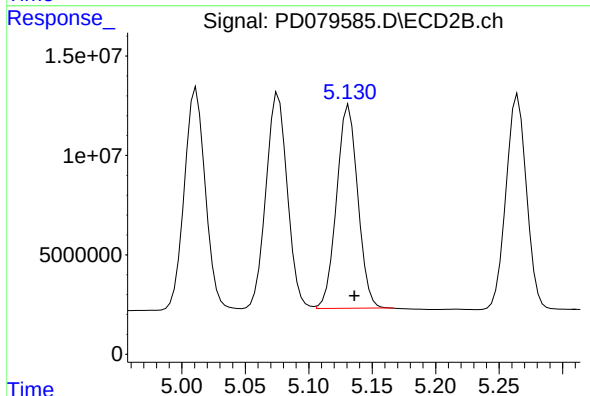
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 87910246
Conc: 40.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

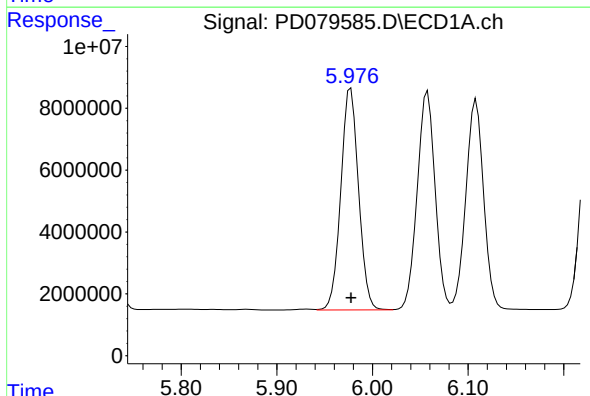
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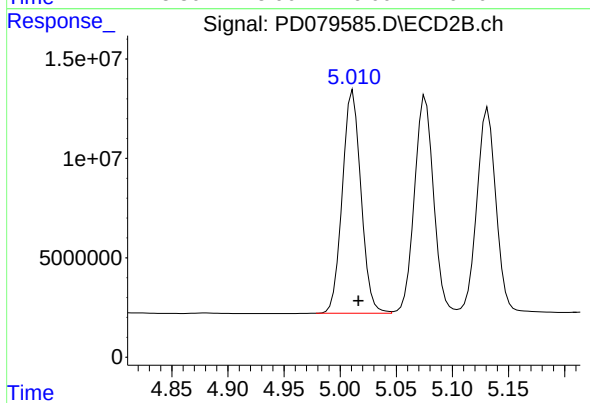
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 118887492
Conc: 44.90 ng/ml m



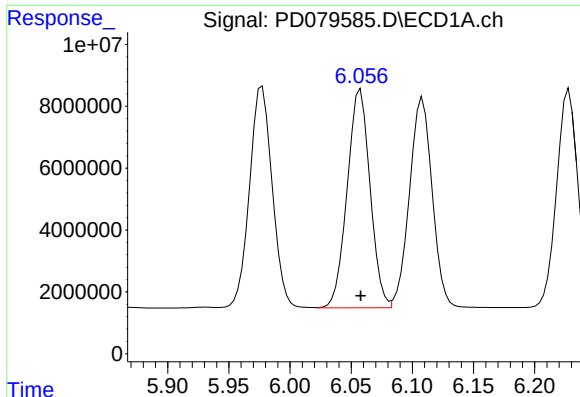
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 92582271
Conc: 40.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 129339322
Conc: 45.07 ng/ml m



#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 91913482
Conc: 40.31 ng/ml

Instrument :

ECD_D

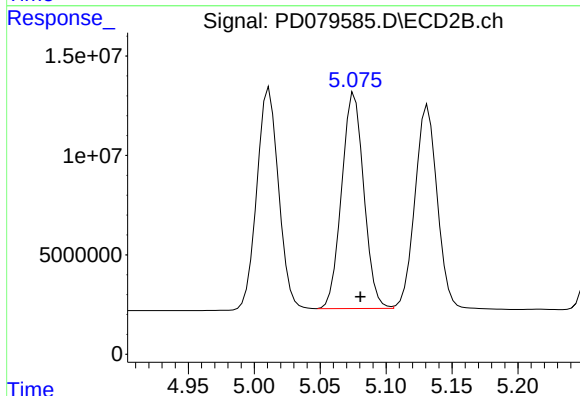
ClientSampleId :

PB157001BS

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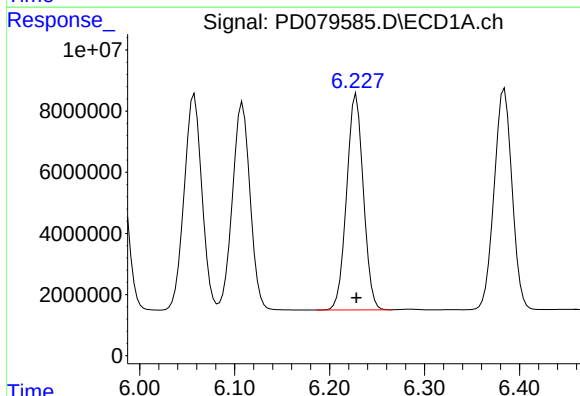
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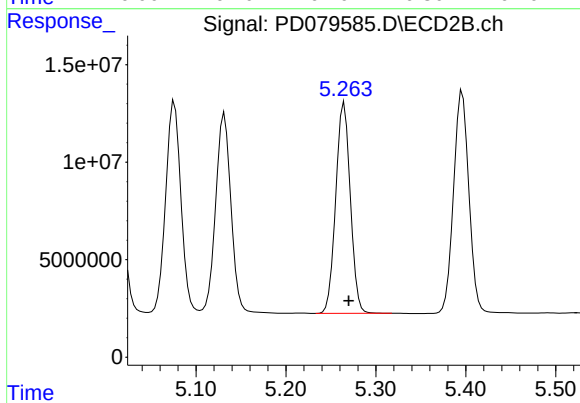
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 126975921
Conc: 44.24 ng/ml m



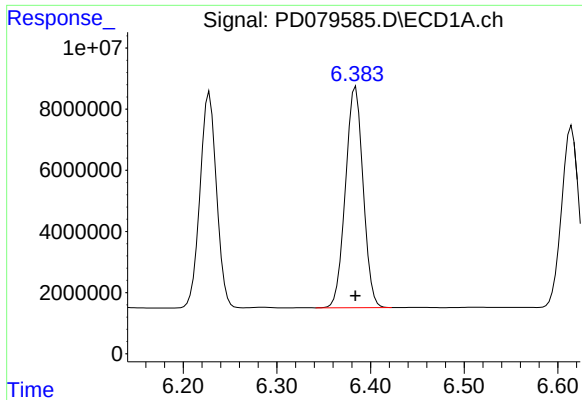
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 86476631
Conc: 40.92 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 121839729
Conc: 45.76 ng/ml



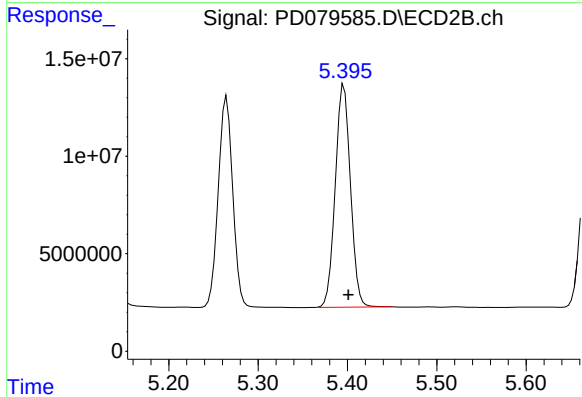
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 94730567
Conc: 40.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

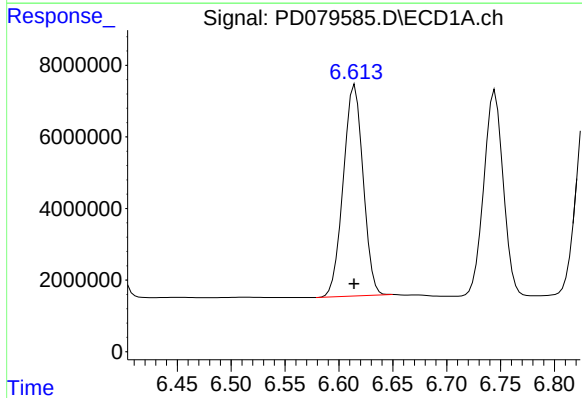
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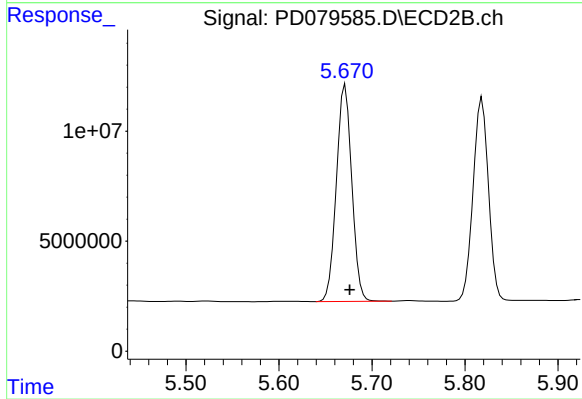
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 134692883
Conc: 45.35 ng/ml



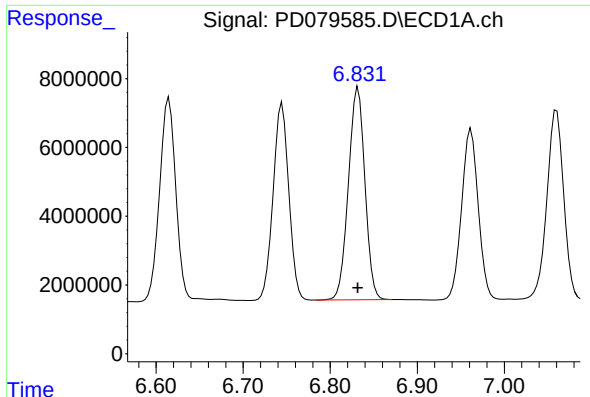
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 75736822
Conc: 38.89 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 113555981
Conc: 44.37 ng/ml



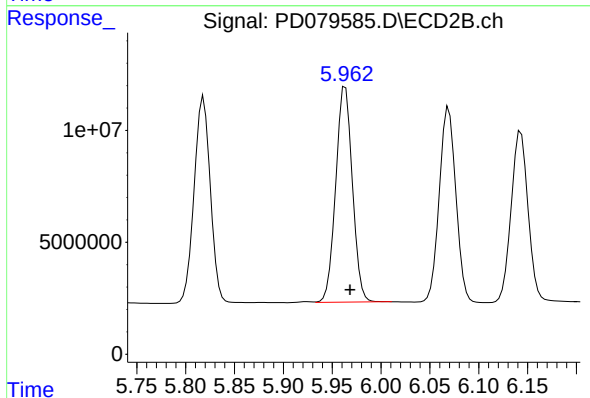
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 81374017
Conc: 39.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

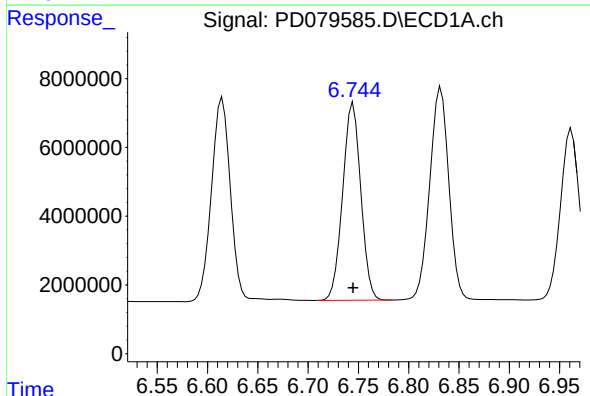
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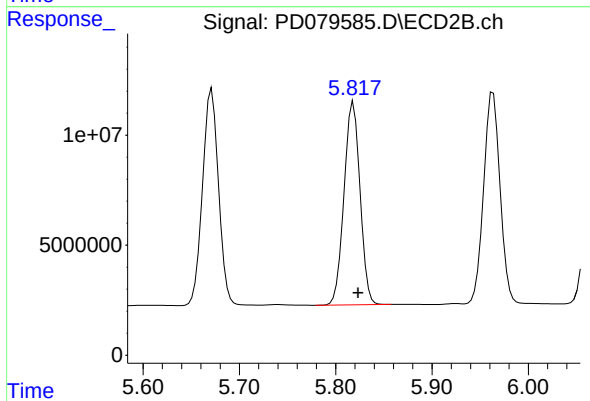
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 114498190
Conc: 45.86 ng/ml



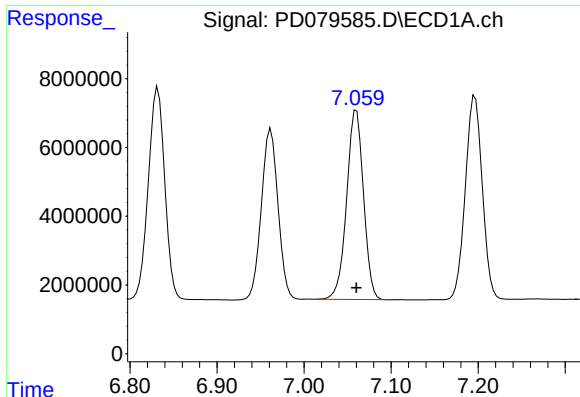
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 71912295
Conc: 40.91 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 106049815
Conc: 46.43 ng/ml



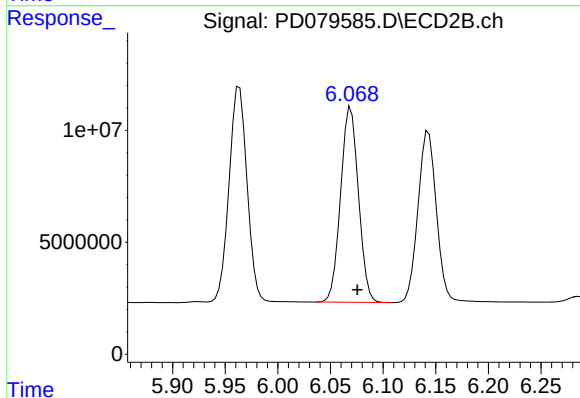
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 74135254
Conc: 39.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

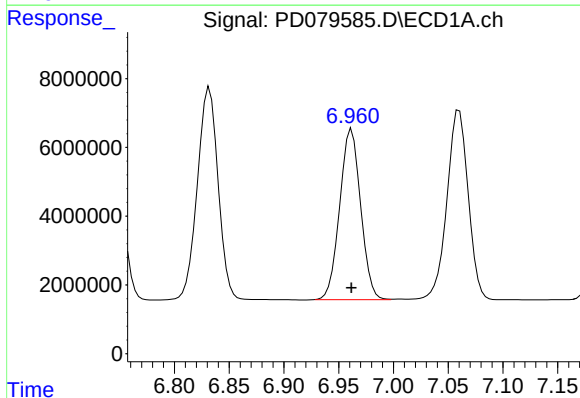
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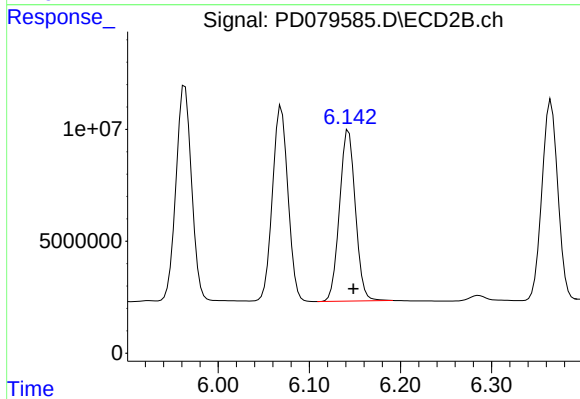
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 103235224
Conc: 45.09 ng/ml



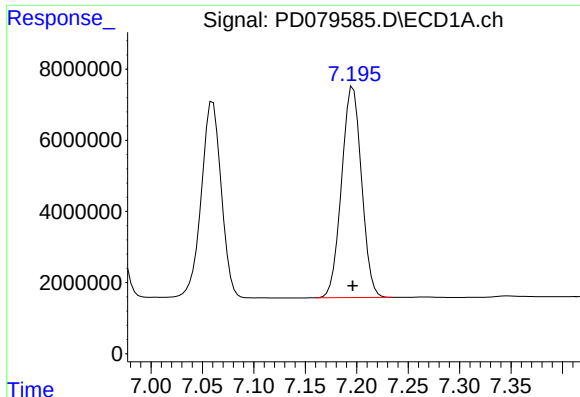
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 66124086
Conc: 42.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 92361415
Conc: 49.68 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 80220209
Conc: 40.35 ng/ml

Instrument :

ECD_D

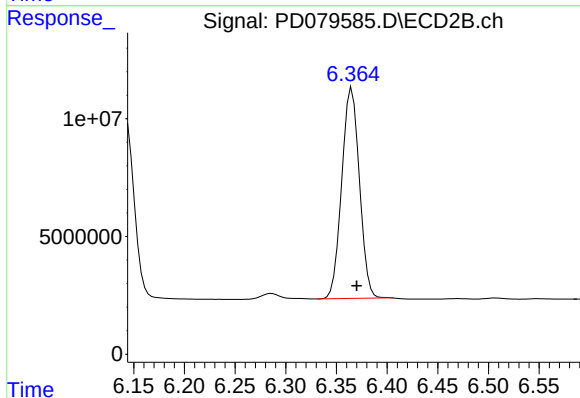
ClientSampleId :

PB157001BS

Manual Integrations

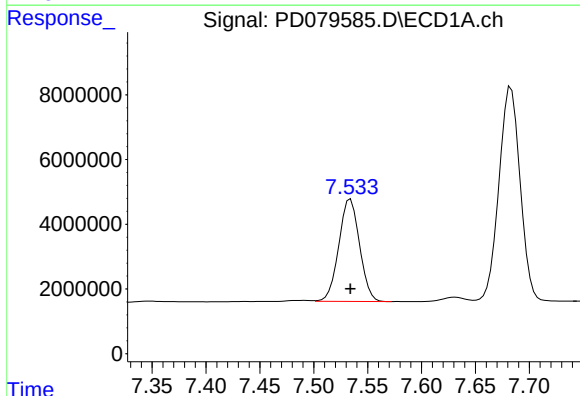
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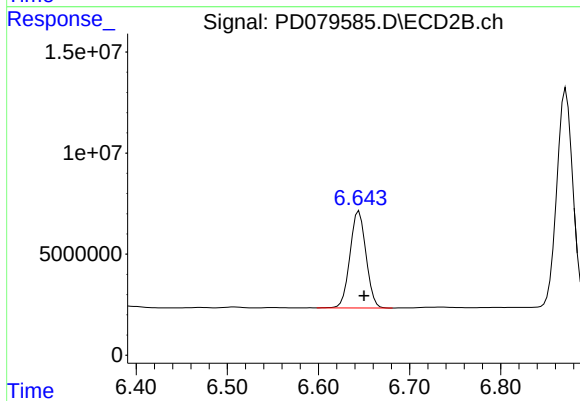
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 108386027
Conc: 46.42 ng/ml



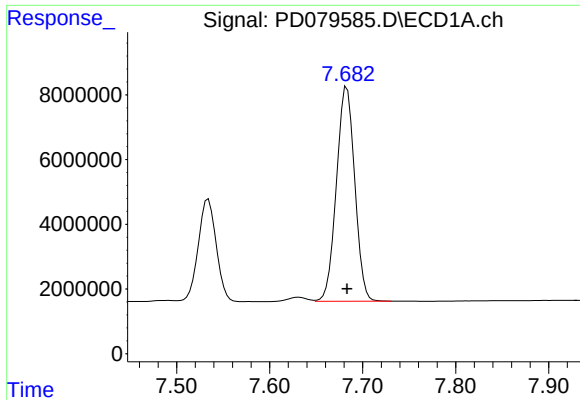
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 42432136
Conc: 38.72 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 58405750
Conc: 43.02 ng/ml



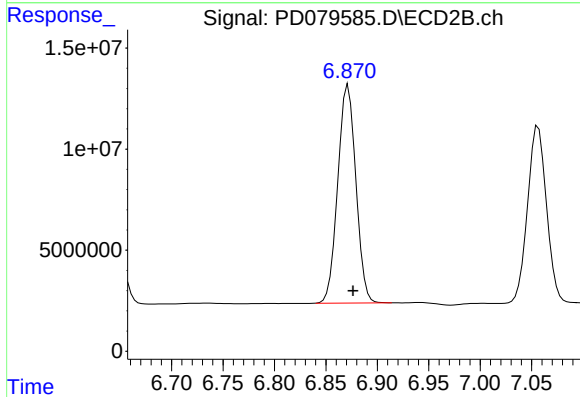
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 90759353
Conc: 41.63 ng/ml

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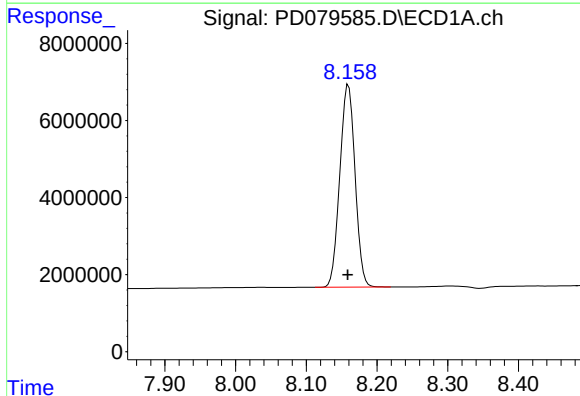
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Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



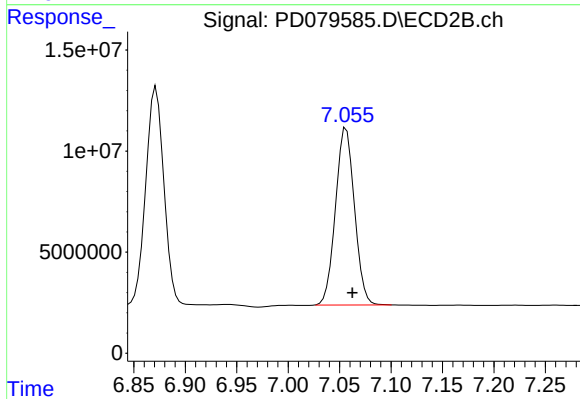
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 132273256
Conc: 47.31 ng/ml



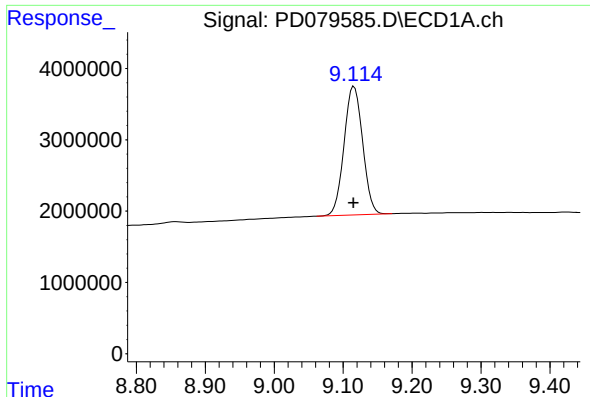
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 78784850
Conc: 46.54 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 112462814
Conc: 52.64 ng/ml



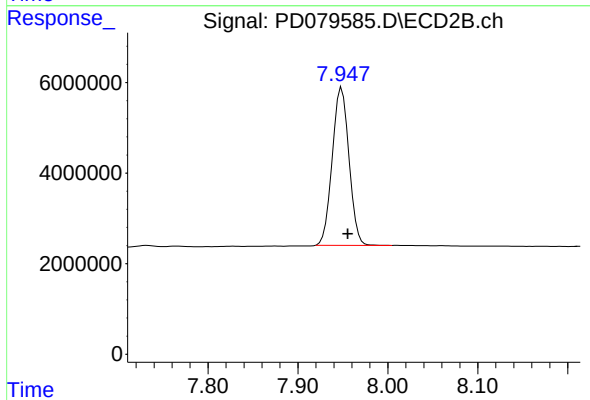
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 33884383
Conc: 16.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

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: 45180703
Conc: 18.54 ng/ml