

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 13:27
 Operator : AR\AJ
 Sample : PB157018BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157018BS

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 20:04:23 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	29706541	47098466	18.399	20.342
28)	SA Decachlor...	9.118	7.949	41836868	55057216	20.856	22.588
Target Compounds							
2)	A alpha-BHC	4.026	3.306	128.1E6	187.0E6	48.126	53.936
3)	MA gamma-BHC...	4.360	3.636	124.1E6	182.9E6	47.766	53.872
4)	MA Heptachlor	4.954	3.978	123.6E6	170.1E6	46.222	55.709
5)	MB Aldrin	5.297	4.259	124.0E6	177.9E6	48.112	54.378
6)	B beta-BHC	4.553	3.930	49504865	72881332	46.198	51.722
7)	B delta-BHC	4.802	4.162	125.0E6	182.2E6	46.708m	54.411
8)	B Heptachlo...	5.723	4.761	113.0E6	162.9E6	48.219	54.936
9)	A Endosulfan I	6.110	5.130	105.4E6	147.7E6	48.636	55.799m
10)	B gamma-Chl...	5.979	5.010	111.1E6	158.9E6	48.439	55.370m
11)	B alpha-Chl...	6.059	5.074	110.2E6	155.9E6	48.333	54.335m
12)	B 4,4'-DDE	6.229	5.264	104.3E6	150.0E6	49.369	56.324
13)	MA Dieldrin	6.385	5.396	114.2E6	165.9E6	49.041	55.867
14)	MA Endrin	6.616	5.671	92306960	140.2E6	47.395	54.792
15)	B Endosulfa...	6.834	5.964	98212353	140.9E6	48.152	56.425
16)	A 4,4'-DDD	6.747	5.818	87379343	129.0E6	49.706	56.486
17)	MA 4,4'-DDT	7.062	6.070	90835642	127.4E6	47.968	55.659
18)	B Endrin al...	6.962	6.143	79480474	112.4E6	51.467m	60.429
19)	B Endosulfa...	7.198	6.365	96112194	132.8E6	48.343	56.888
20)	A Methoxychlor	7.536	6.644	50124283	70767868	45.743	52.126
21)	B Endrin ke...	7.685	6.872	109.1E6	162.2E6	50.043	58.010
22)	Mirex	8.162	7.057	94168326	137.6E6	55.633	64.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 13:27
Operator : AR\AJ
Sample : PB157018BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

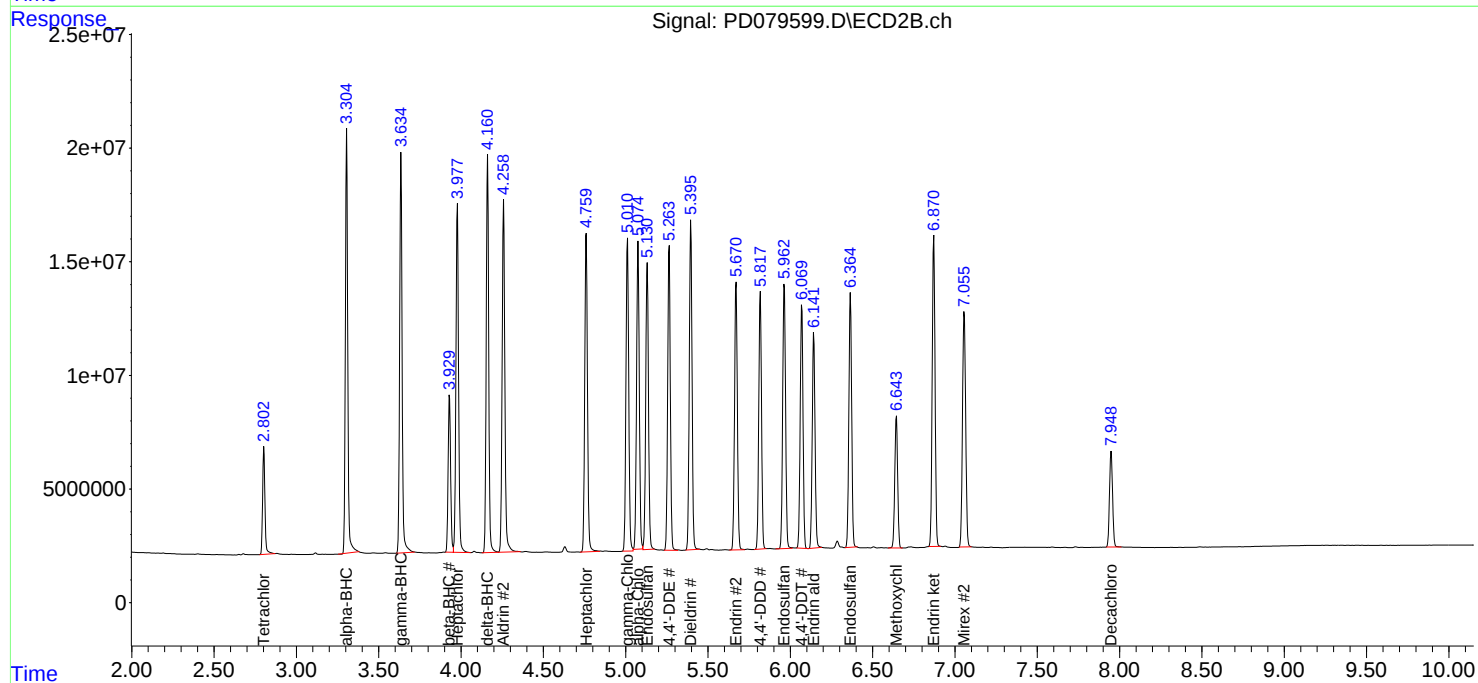
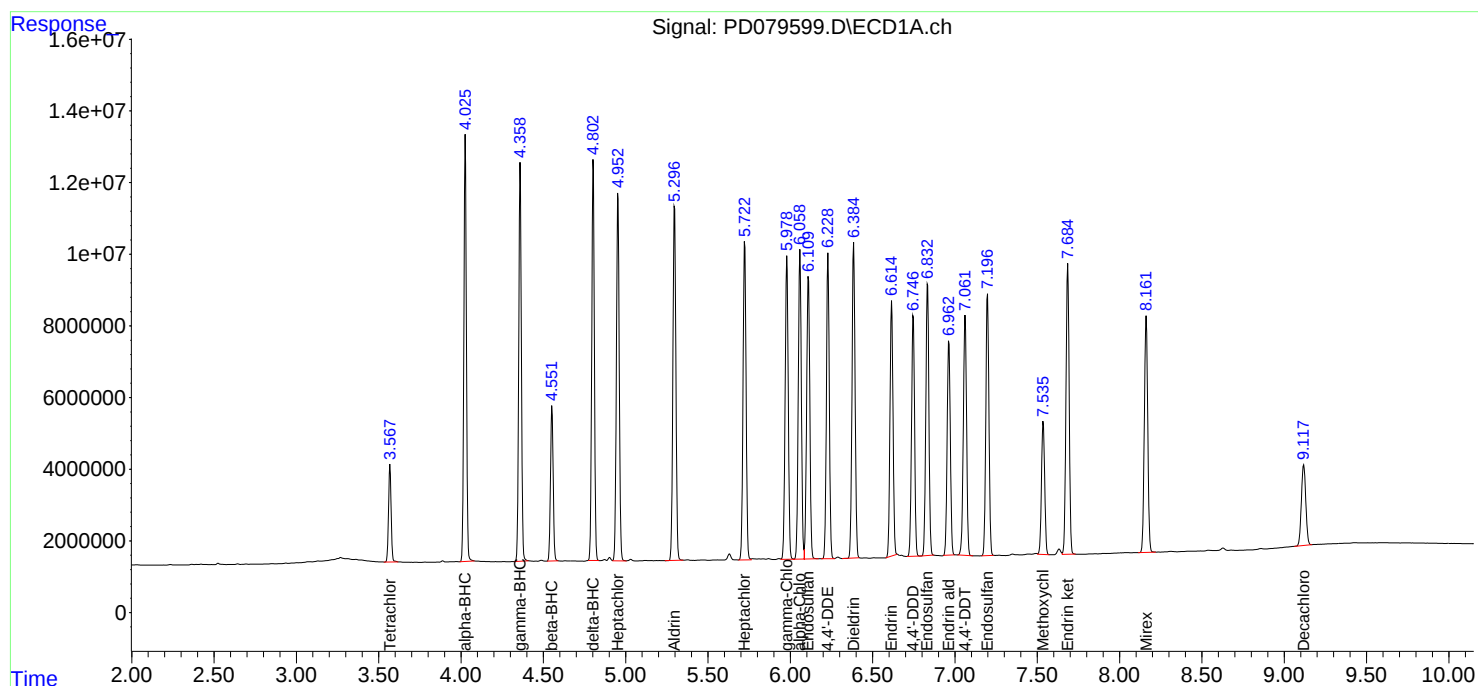
Instrument :
ECD_D
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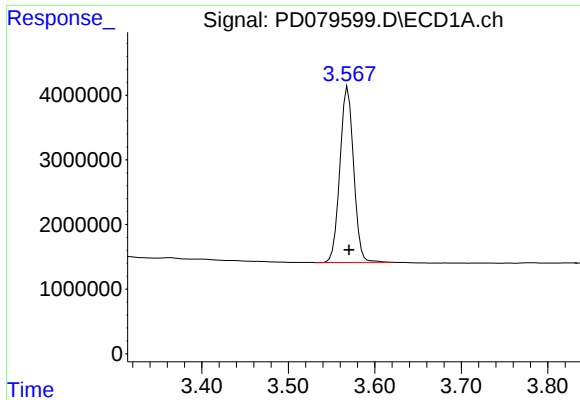
Manual Integrations
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Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:04:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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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





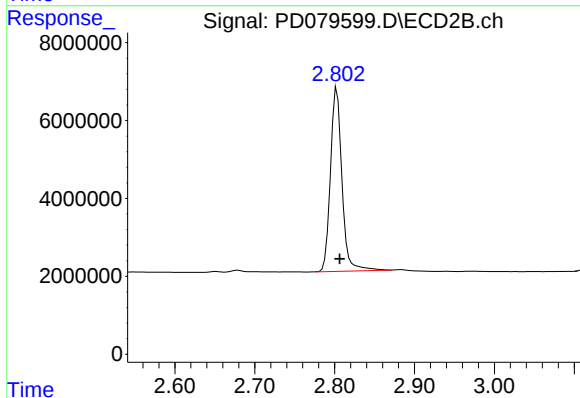
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 29706541
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

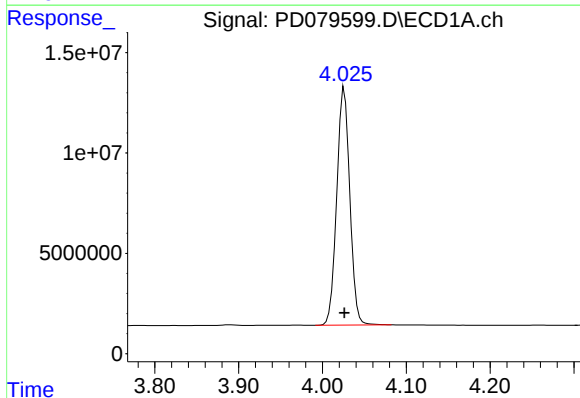
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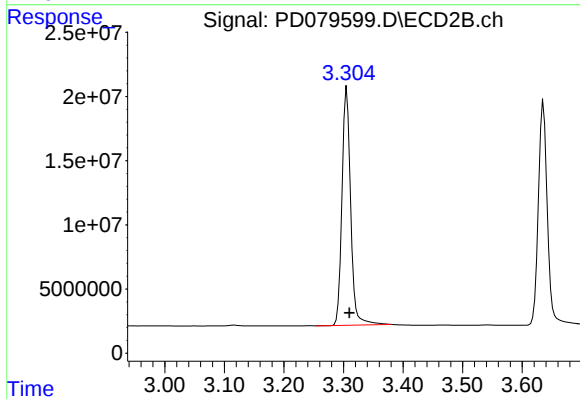
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.004 min
Response: 47098466
Conc: 20.34 ng/ml



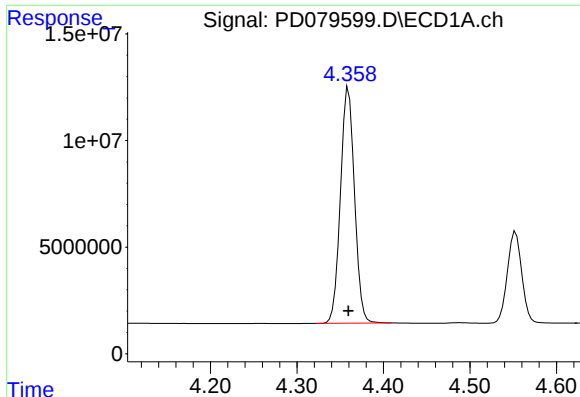
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 128115716
Conc: 48.13 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 187018455
Conc: 53.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 124135331
Conc: 47.77 ng/ml

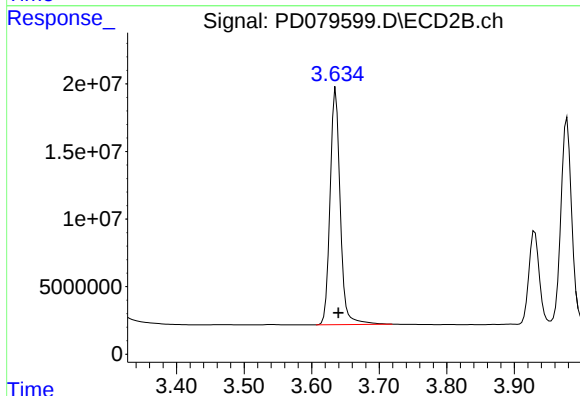
Instrument :

ECD_D

ClientSampleId :
PB157018BS

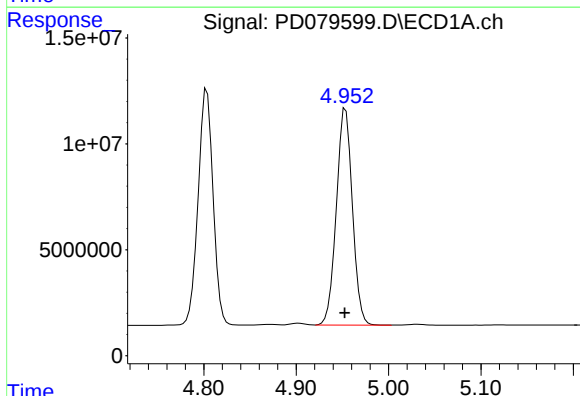
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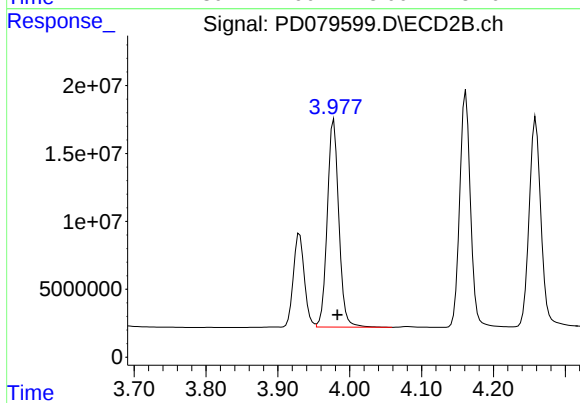
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 182939591
Conc: 53.87 ng/ml



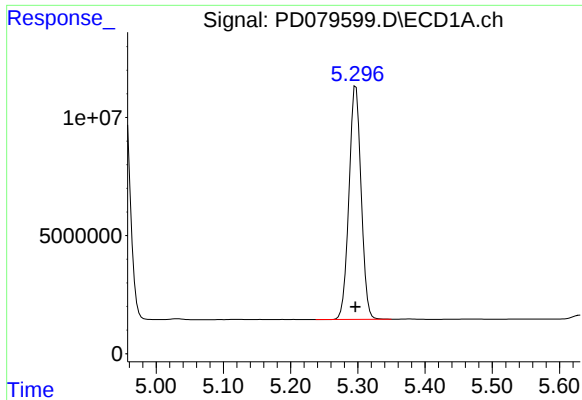
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 123641818
Conc: 46.22 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 170143748
Conc: 55.71 ng/ml



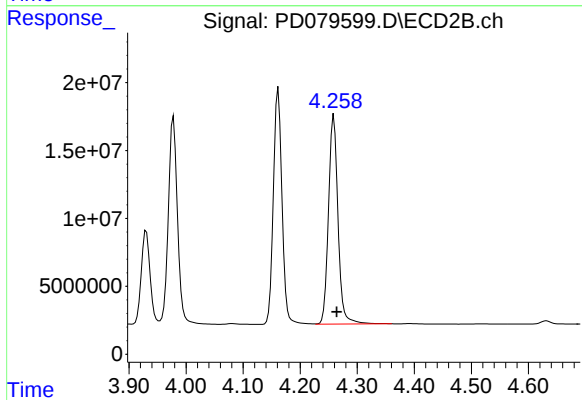
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 123974056
Conc: 48.11 ng/ml

Instrument :
ECD_D
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PB157018BS

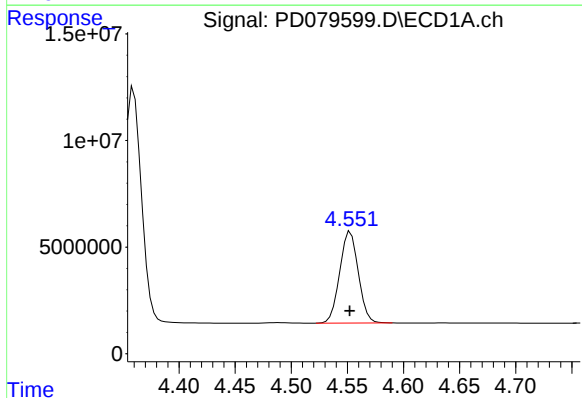
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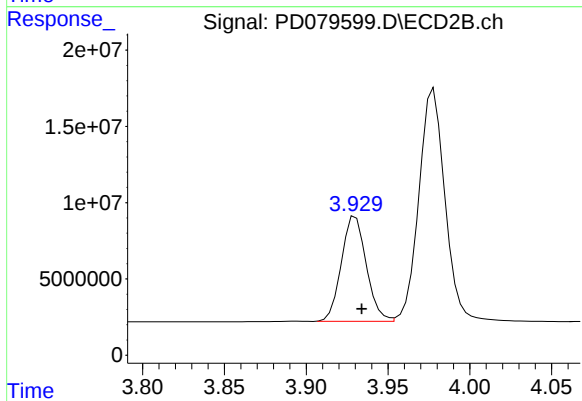
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 177889287
Conc: 54.38 ng/ml



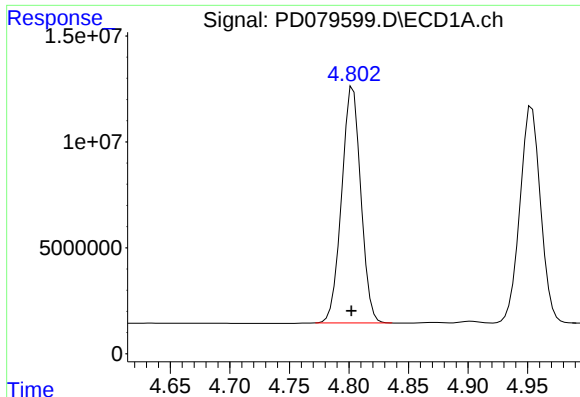
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 49504865
Conc: 46.20 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 72881332
Conc: 51.72 ng/ml



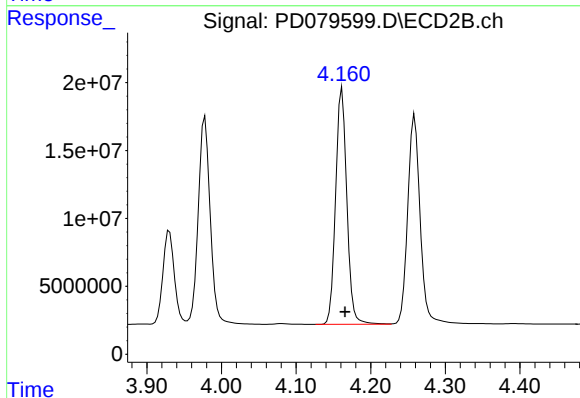
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 125040116
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

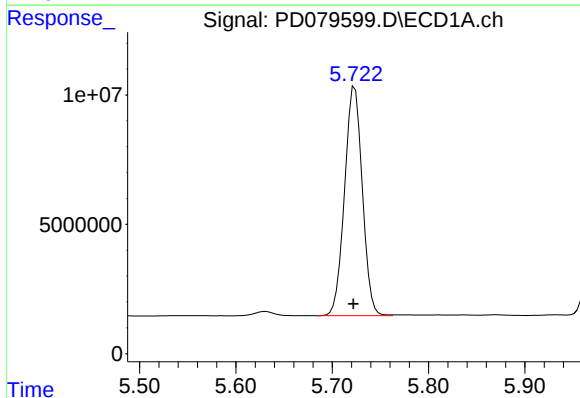
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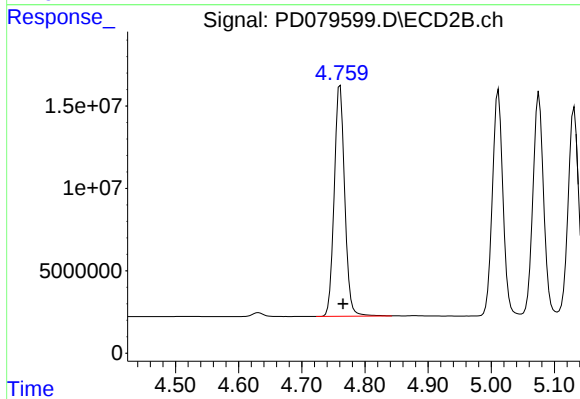
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 182179866
Conc: 54.41 ng/ml



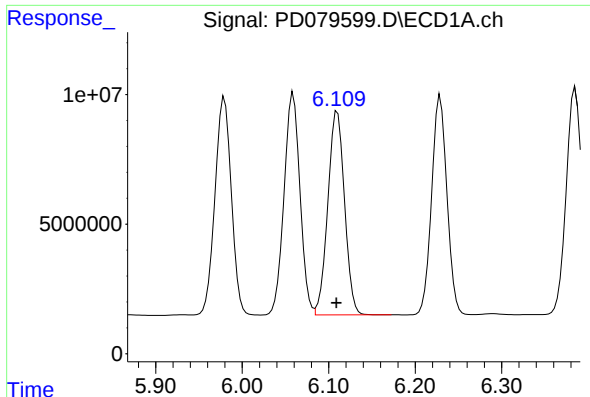
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 113010924
Conc: 48.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 162867496
Conc: 54.94 ng/ml



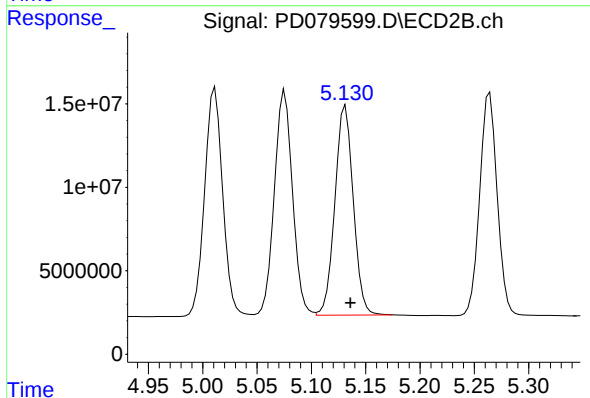
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 105439189
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

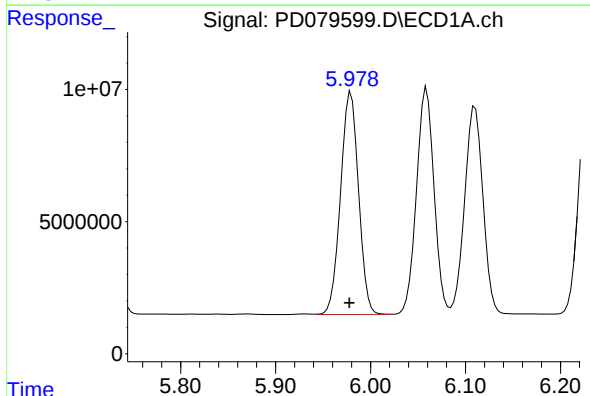
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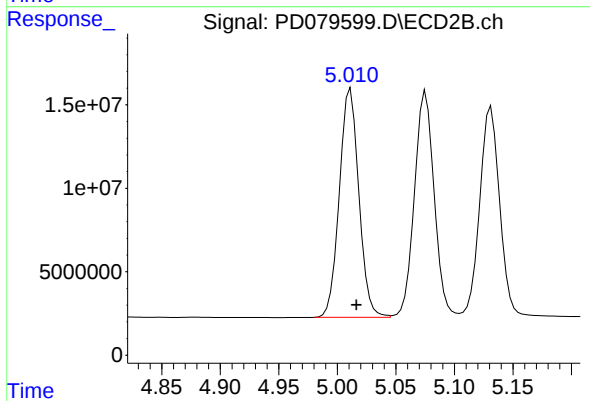
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 147738517
Conc: 55.80 ng/ml m



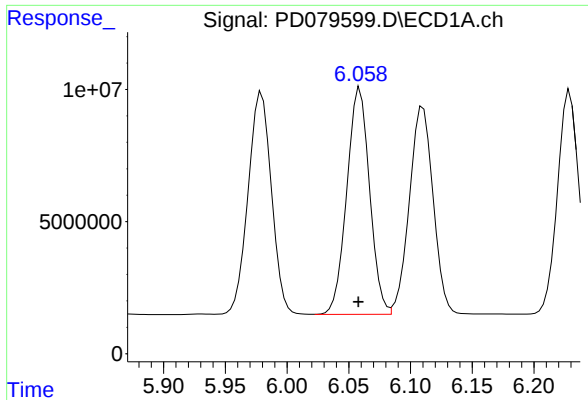
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.002 min
Response: 111057641
Conc: 48.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 158880549
Conc: 55.37 ng/ml m



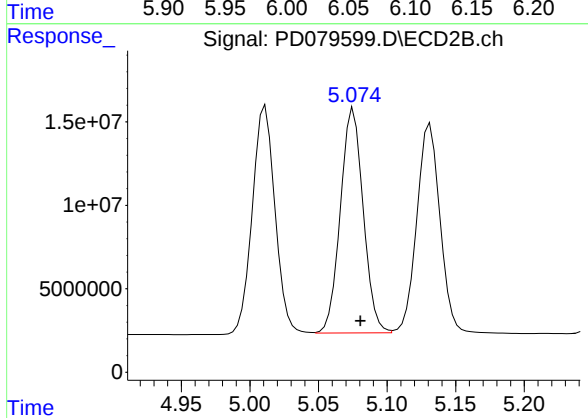
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 110209303
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

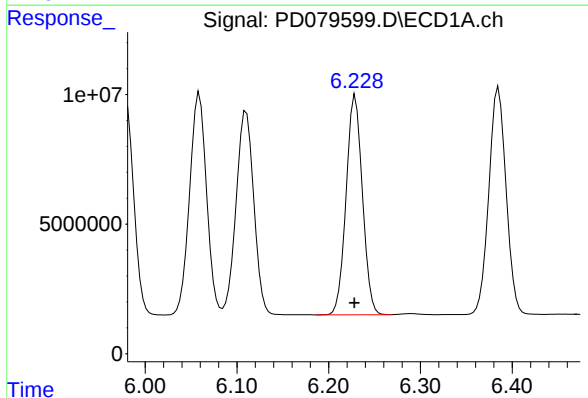
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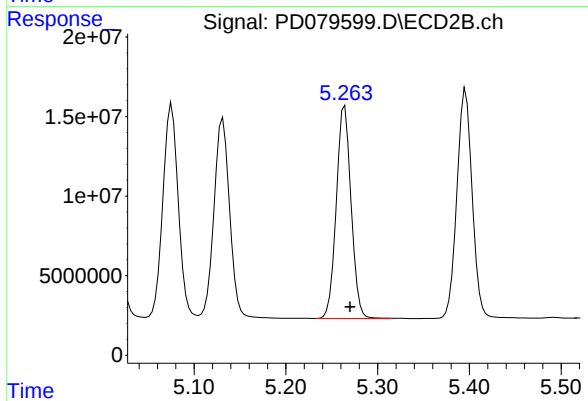
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 155931775
Conc: 54.33 ng/ml m



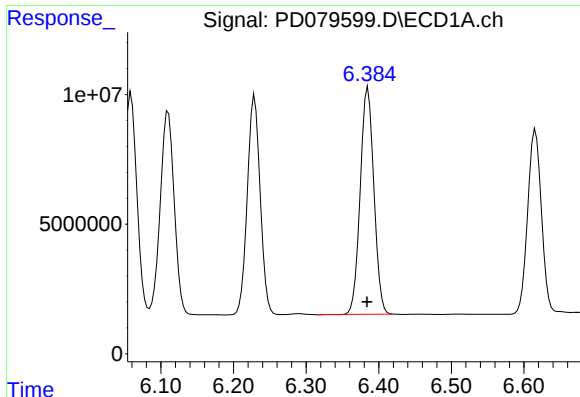
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 104319865
Conc: 49.37 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 149957197
Conc: 56.32 ng/ml



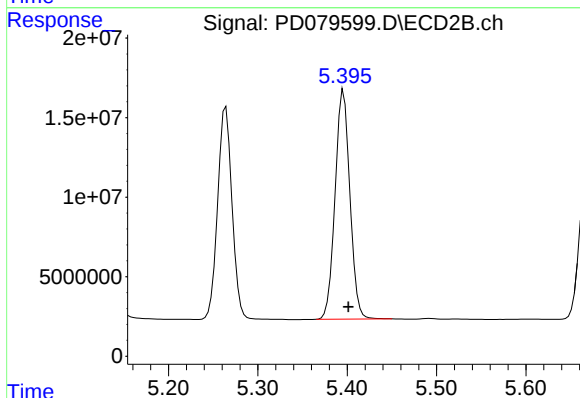
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 114208970
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

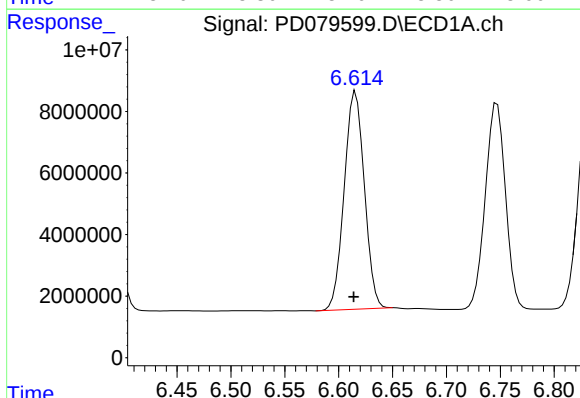
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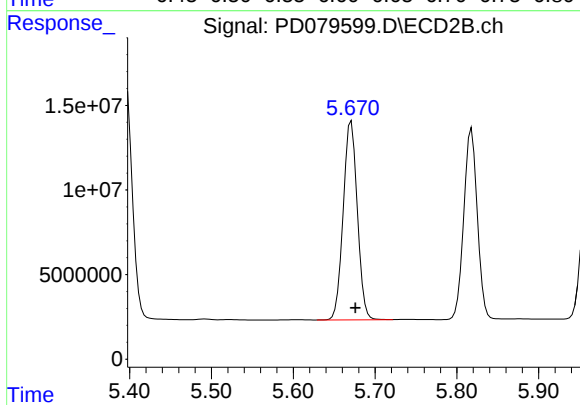
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 165918545
Conc: 55.87 ng/ml



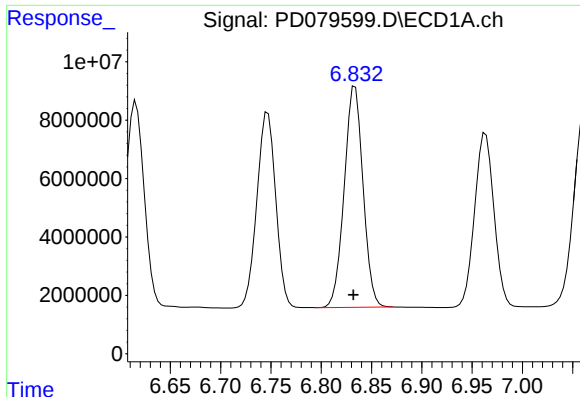
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 92306960
Conc: 47.39 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 140219351
Conc: 54.79 ng/ml



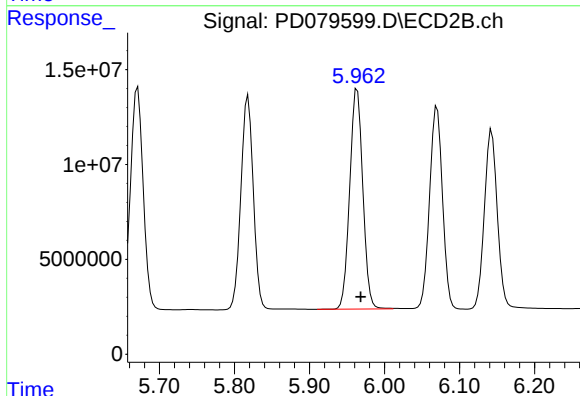
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.002 min
Response: 98212353
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

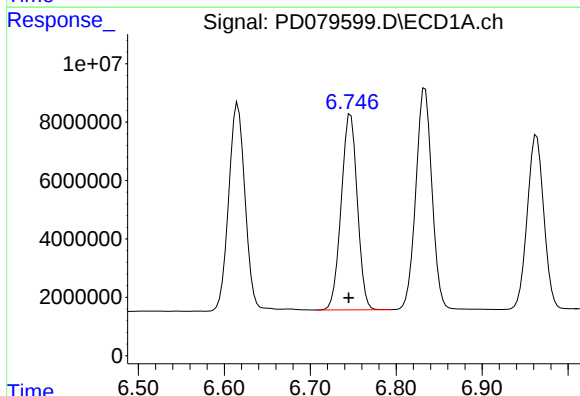
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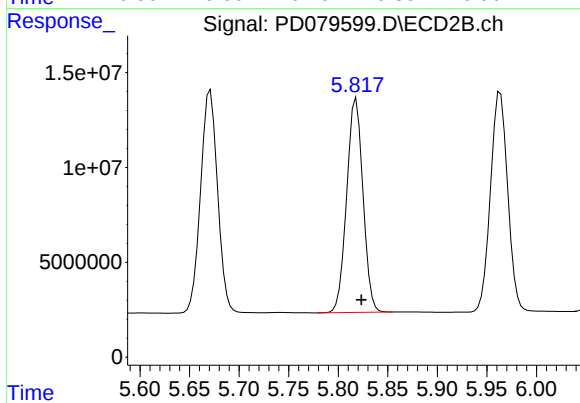
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 140864565
Conc: 56.42 ng/ml



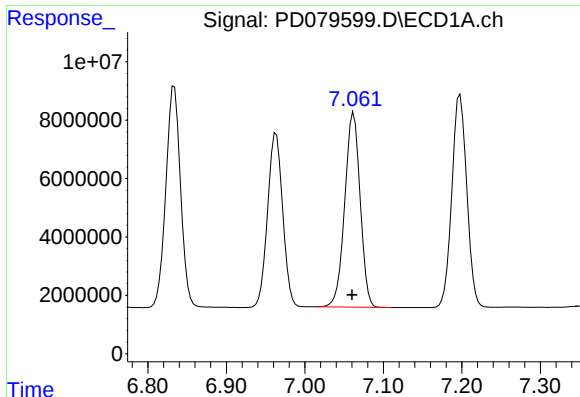
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 87379343
Conc: 49.71 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 129029044
Conc: 56.49 ng/ml



#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 90835642
Conc: 47.97 ng/ml

Instrument :

ECD_D

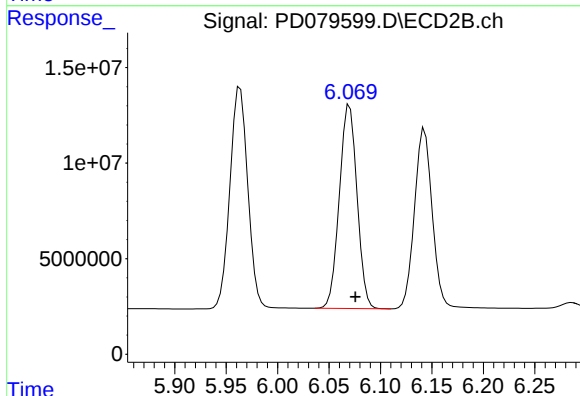
ClientSampleId :

PB157018BS

Manual Integrations

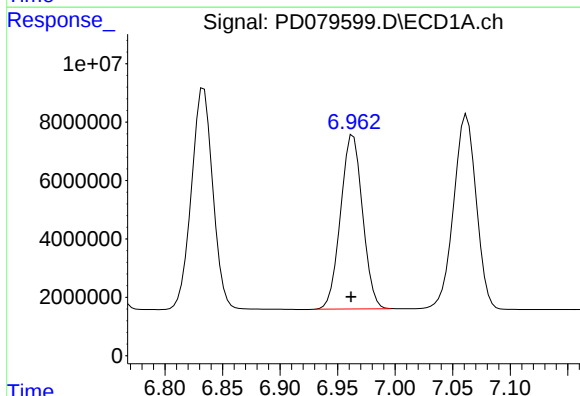
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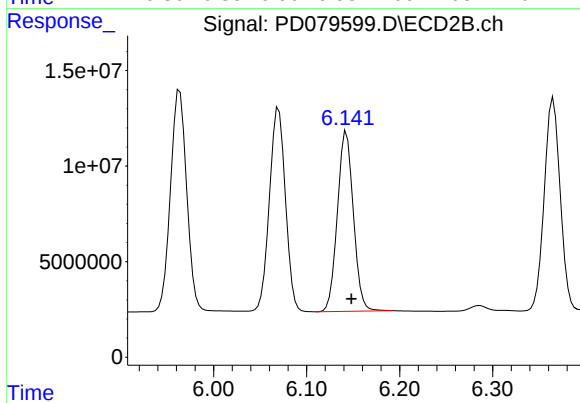
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 127425075
Conc: 55.66 ng/ml



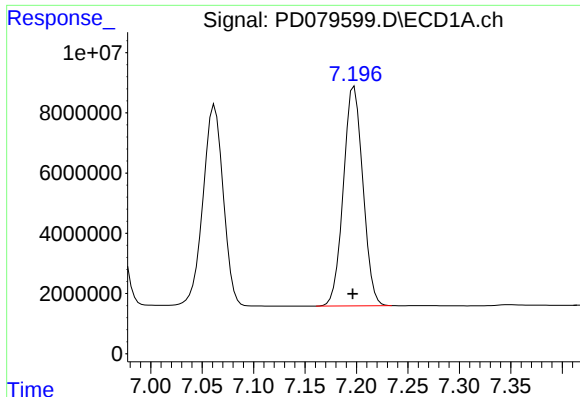
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 79480474
Conc: 51.47 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 112356419
Conc: 60.43 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 96112194
Conc: 48.34 ng/ml

Instrument :

ECD_D

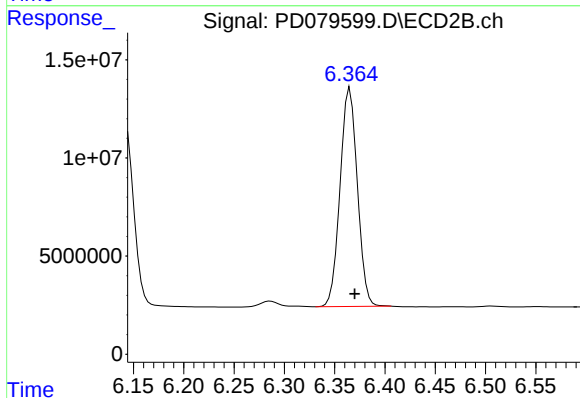
ClientSampleId :

PB157018BS

Manual Integrations

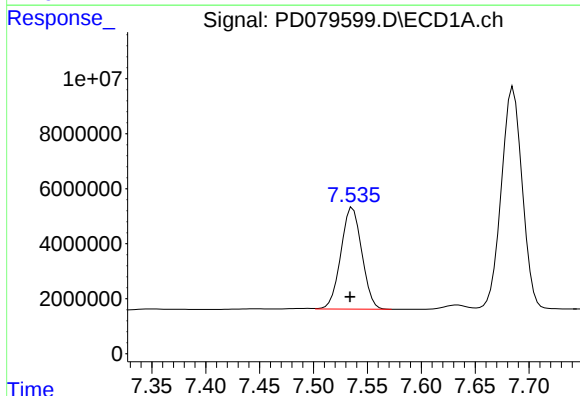
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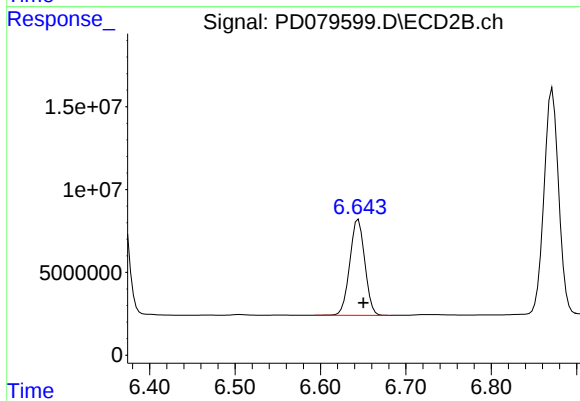
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 132824728
Conc: 56.89 ng/ml



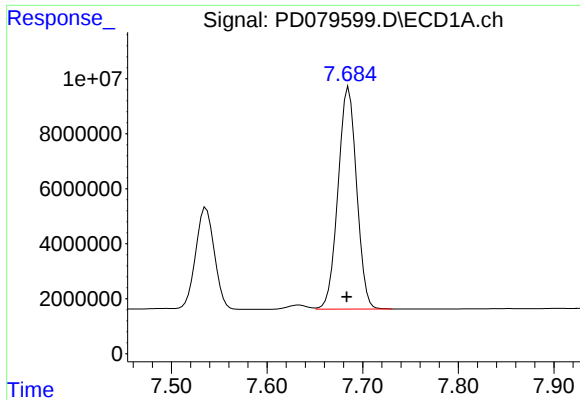
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 50124283
Conc: 45.74 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 70767868
Conc: 52.13 ng/ml



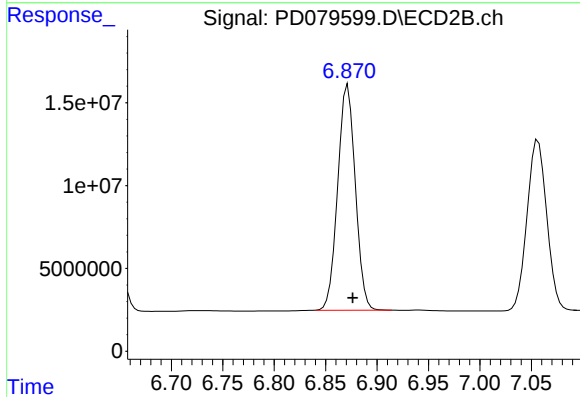
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 109102386
Conc: 50.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157018BS

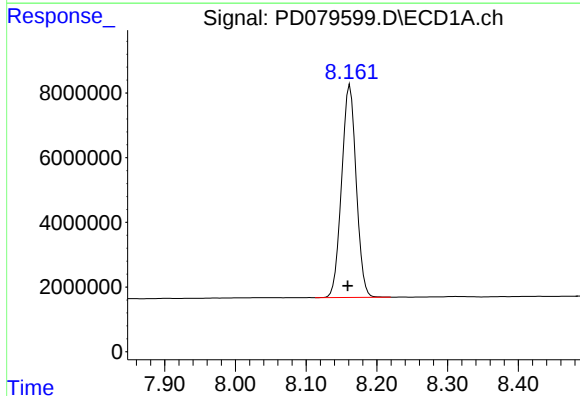
Manual Integrations
APPROVED

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



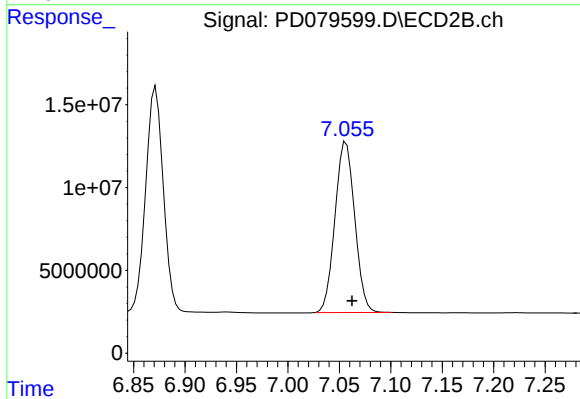
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 162180743
Conc: 58.01 ng/ml



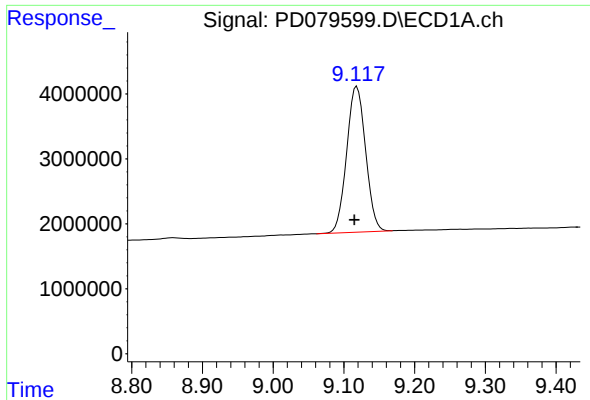
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.003 min
Response: 94168326
Conc: 55.63 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 137643075
Conc: 64.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.004 min
Response: 41836868
Conc: 20.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

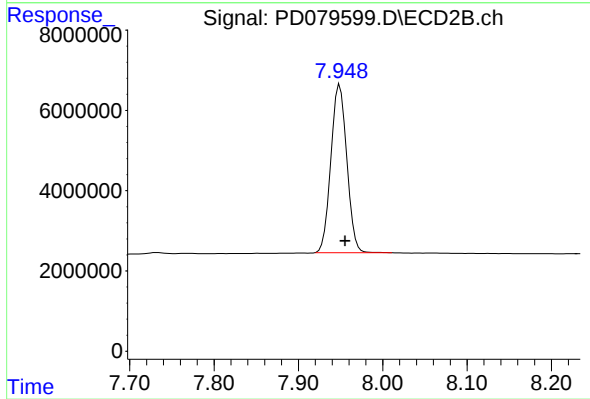
PB157018BS

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 55057216
Conc: 22.59 ng/ml