

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 18:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:11:42 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...	3.571	2.806	76799707	119.9E6	47.566	51.783
28)	SA Decachlor...	9.118	7.954	87549219	113.6E6	43.643	46.612
Target Compounds							
2)	A alpha-BHC	4.028	3.309	130.7E6	185.1E6	49.110	53.376
3)	MA gamma-BHC...	4.362	3.639	126.2E6	181.1E6	48.554	53.318
4)	MA Heptachlor	4.955	3.982	122.6E6	165.9E6	45.847	54.333
5)	MB Aldrin	5.298	4.263	124.2E6	174.4E6	48.191	53.320
6)	B beta-BHC	4.555	3.934	50992511	74772816	47.586	53.064
7)	B delta-BHC	4.803	4.166	129.1E6	184.2E6	48.230m	55.009
8)	B Heptachlo...	5.724	4.765	113.0E6	156.9E6	48.217	52.926
9)	A Endosulfan I	6.111	5.136	103.1E6	137.0E6	47.564	51.733
10)	B gamma-Chl...	5.980	5.016	111.7E6	151.1E6	48.726	52.664
11)	B alpha-Chl...	6.060	5.080	109.0E6	148.4E6	47.804	51.693
12)	B 4,4'-DDE	6.231	5.269	100.8E6	143.5E6	47.701	53.901
13)	MA Dieldrin	6.386	5.400	110.2E6	158.5E6	47.333	53.366
14)	MA Endrin	6.617	5.675	90036582	136.0E6	46.229	53.124
15)	B Endosulfa...	6.834	5.968	93099204	132.4E6	45.645	53.046
16)	A 4,4'-DDD	6.748	5.823	82182569	122.7E6	46.749	53.732
17)	MA 4,4'-DDT	7.062	6.075	82274367	118.4E6	43.447	51.722
18)	B Endrin al...	6.963	6.148	67779641	95788784	43.890m	51.518
19)	B Endosulfa...	7.199	6.370	88209802	122.9E6	44.368	52.645
20)	A Methoxychlor	7.537	6.650	45272100	65562090	41.315	48.292
21)	B Endrin ke...	7.685	6.876	97352240	145.9E6	44.654	52.180
22)	Mirex	8.162	7.062	72832381	108.2E6	43.028	50.629

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

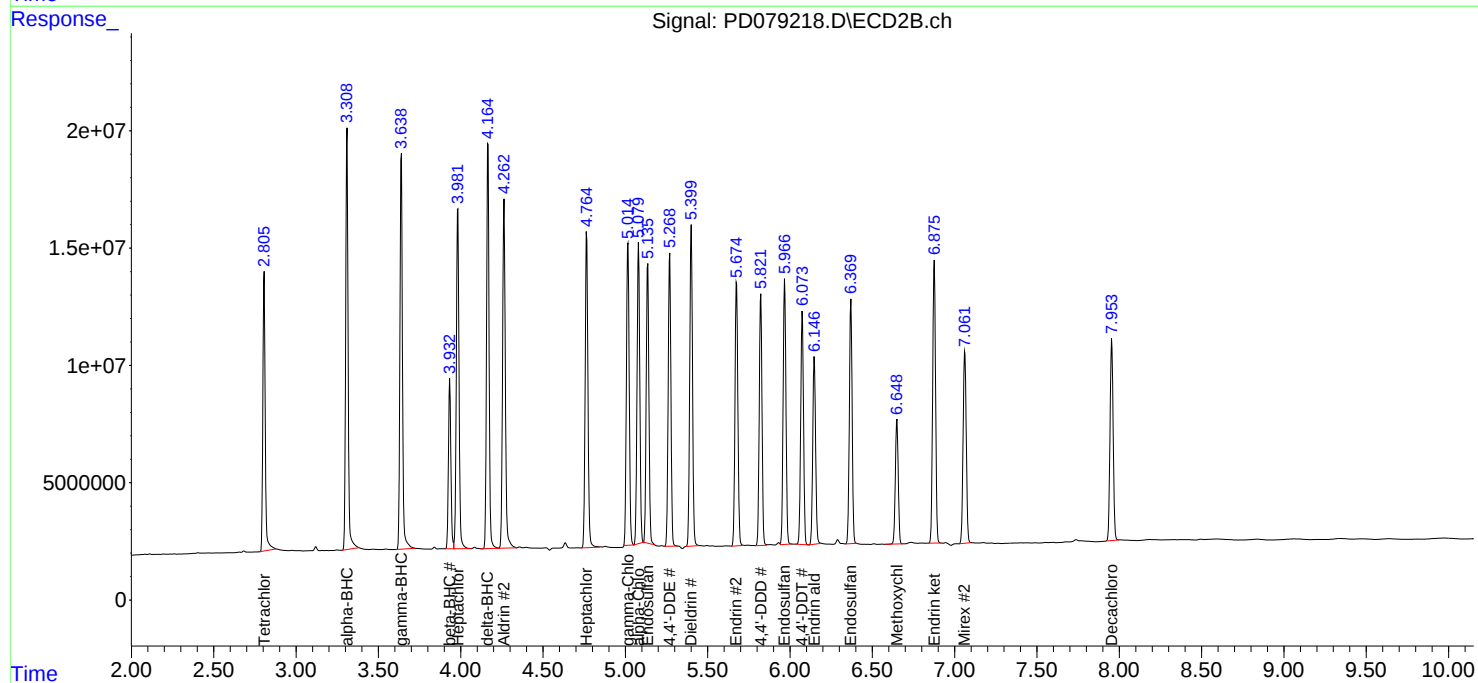
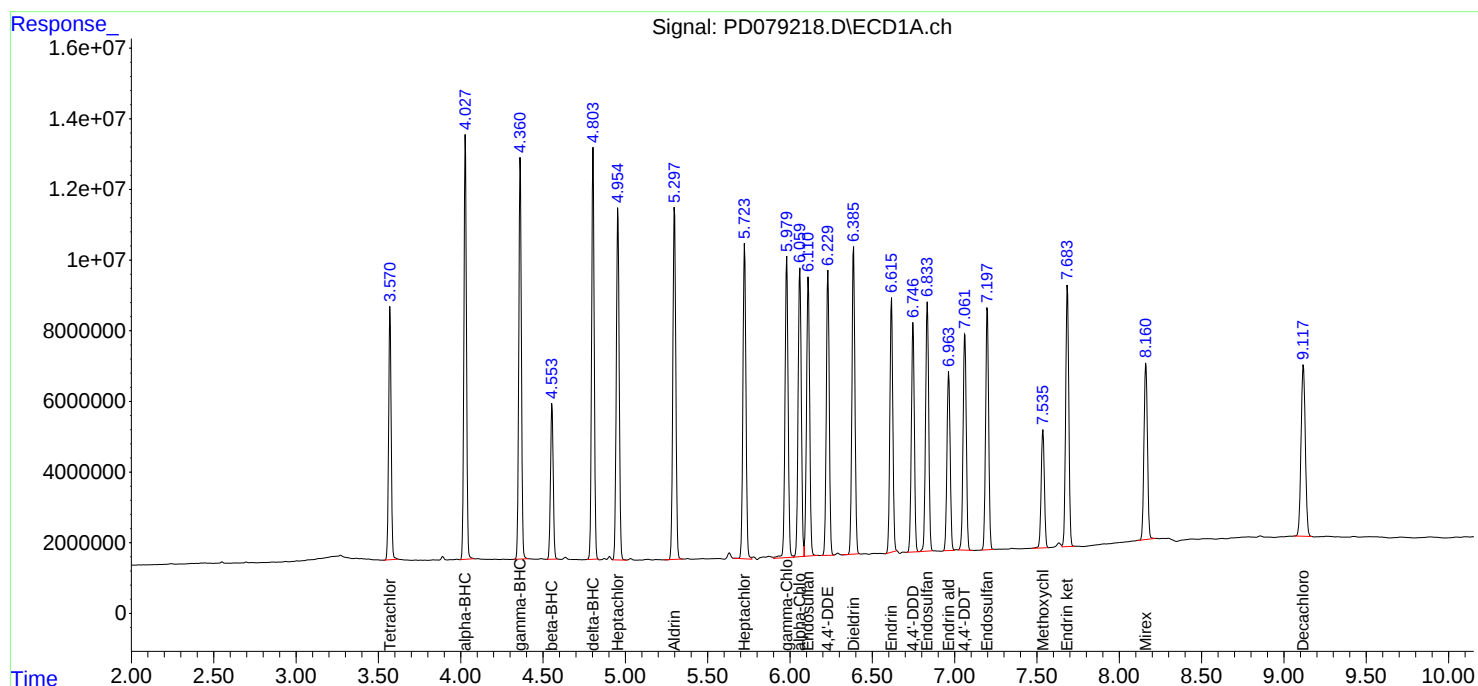
APPROVED

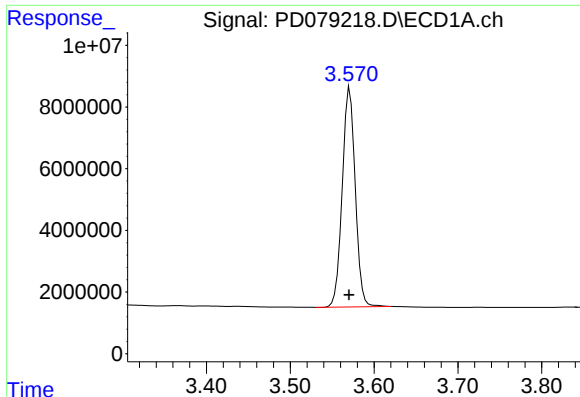
Reviewed By :Abdul Mirza 10/30/2023

Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:11:42 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





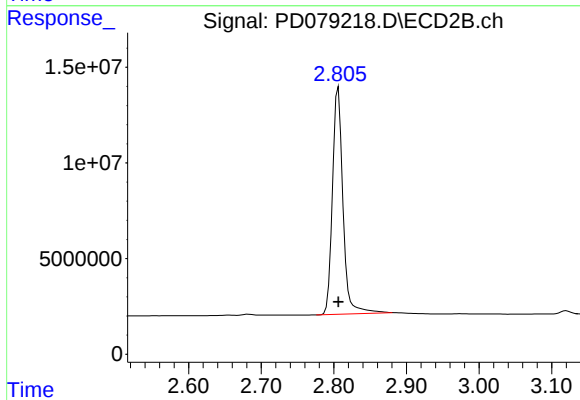
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.001 min
Response: 76799707
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

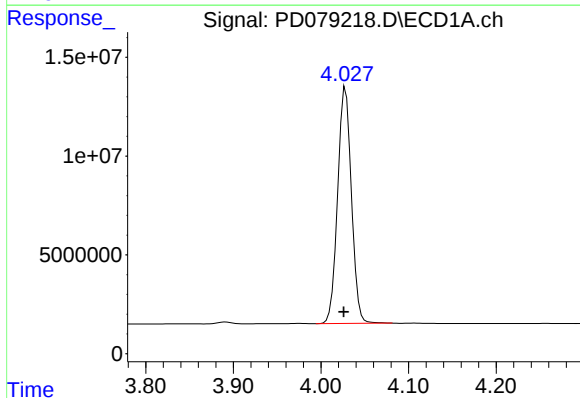
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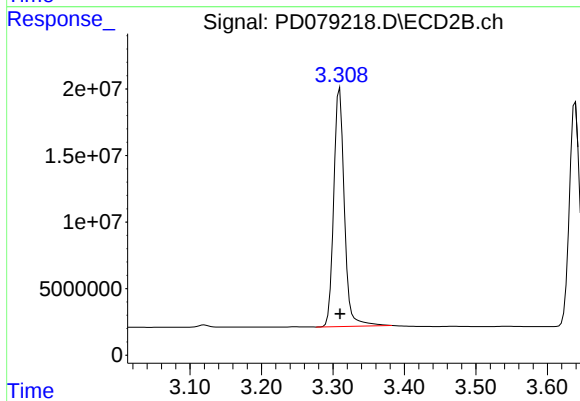
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 119891219
Conc: 51.78 ng/ml



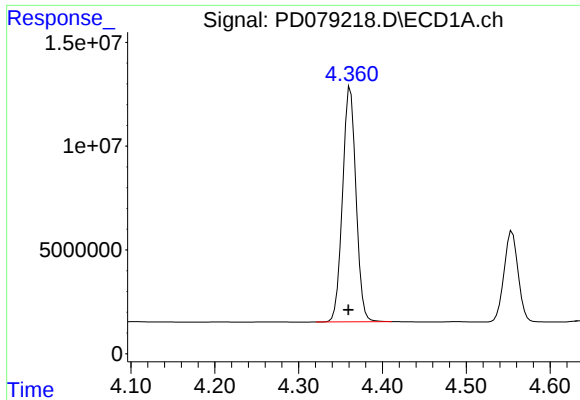
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.002 min
Response: 130733120
Conc: 49.11 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 185079087
Conc: 53.38 ng/ml



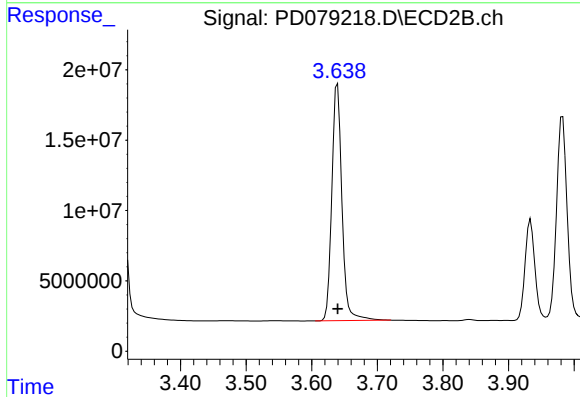
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.002 min
Response: 126183004
Conc: 48.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

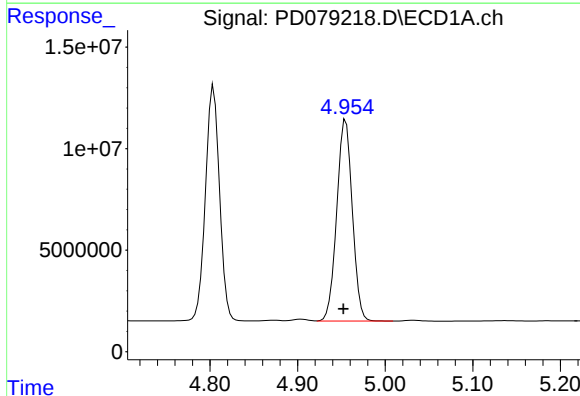
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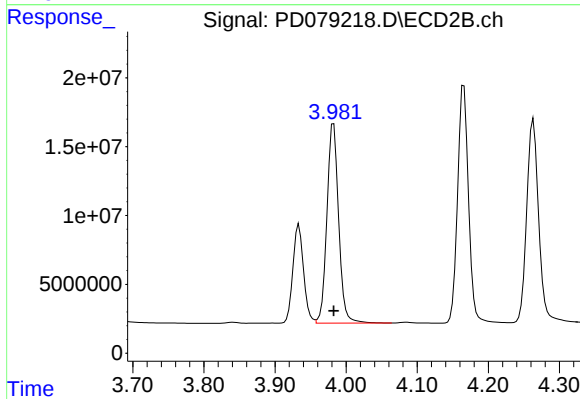
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 181058515
Conc: 53.32 ng/ml



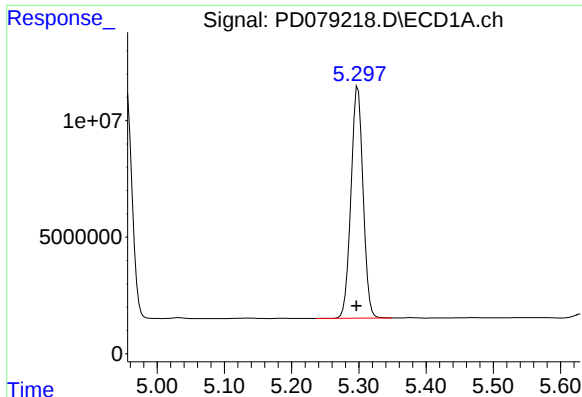
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.003 min
Response: 122638324
Conc: 45.85 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 165938777
Conc: 54.33 ng/ml



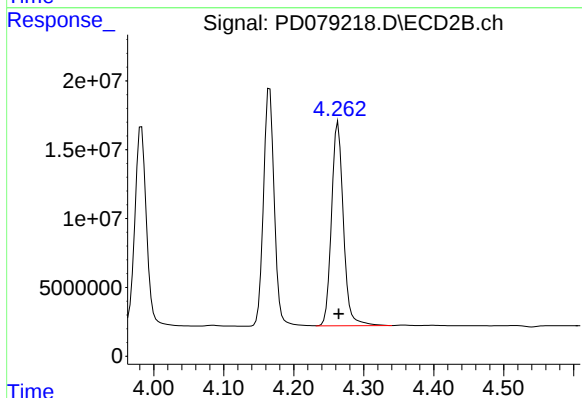
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 124178403
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

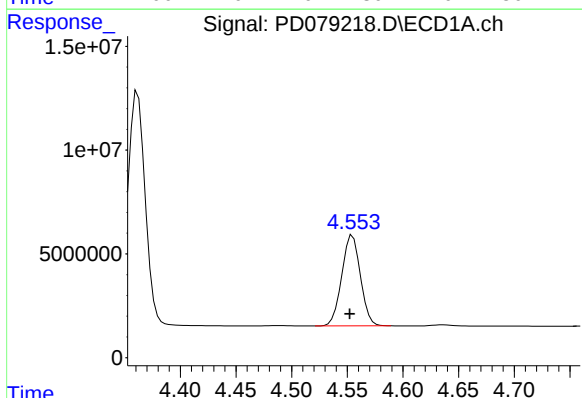
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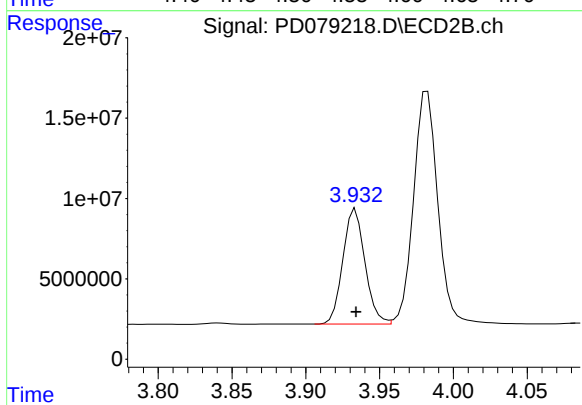
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 174425890
Conc: 53.32 ng/ml



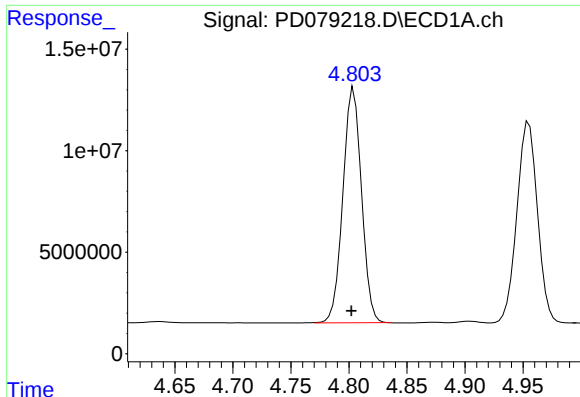
#6 beta-BHC

R.T.: 4.555 min
Delta R.T.: 0.003 min
Response: 50992511
Conc: 47.59 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 74772816
Conc: 53.06 ng/ml



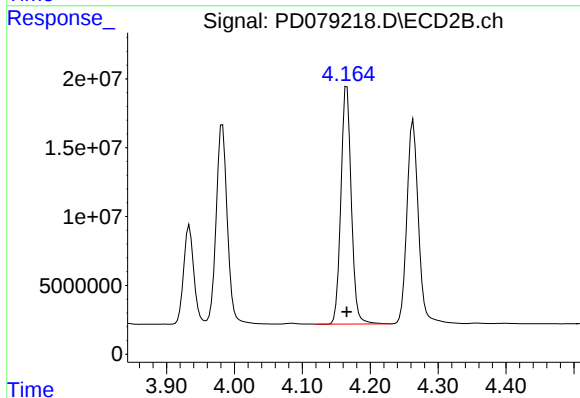
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 129115879
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

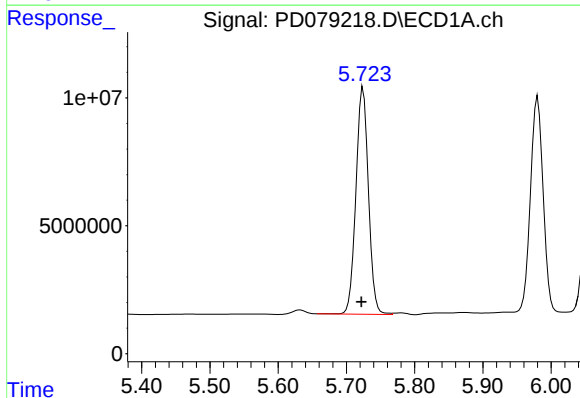
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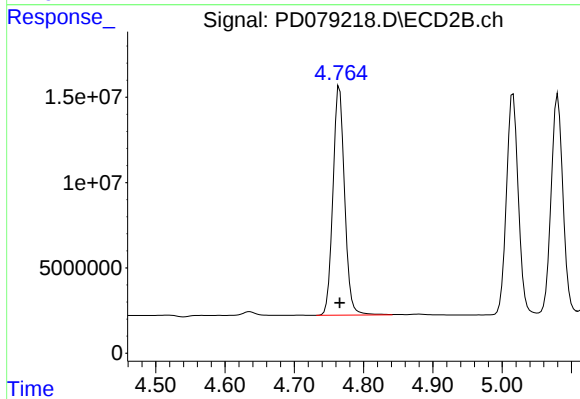
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 184182718
Conc: 55.01 ng/ml



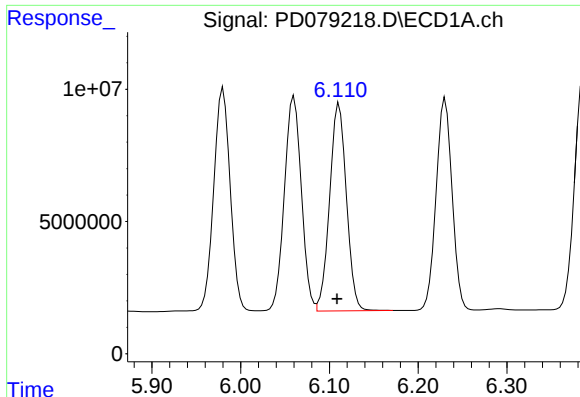
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 113006624
Conc: 48.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 156908560
Conc: 52.93 ng/ml



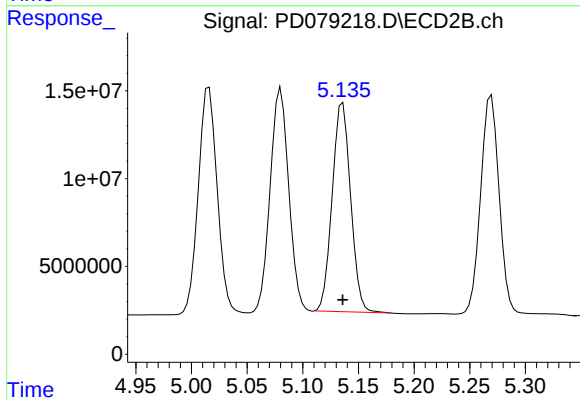
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 103116088
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

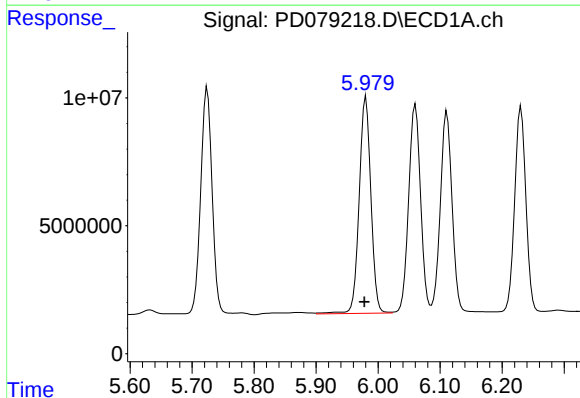
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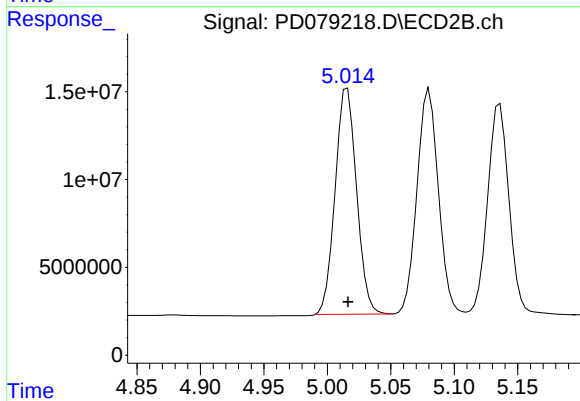
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 136972387
Conc: 51.73 ng/ml



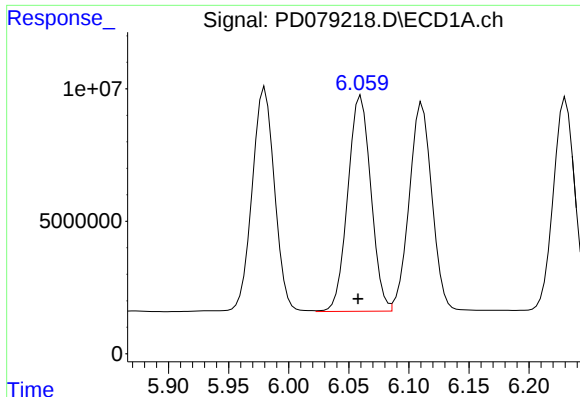
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 111715209
Conc: 48.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 151116448
Conc: 52.66 ng/ml



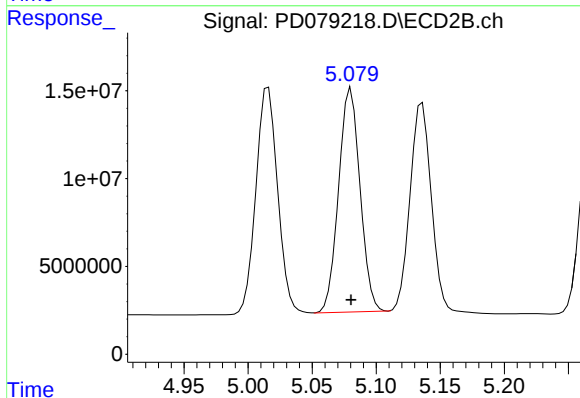
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 109003471
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

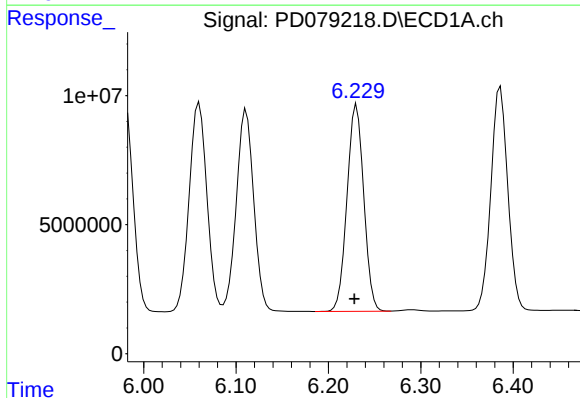
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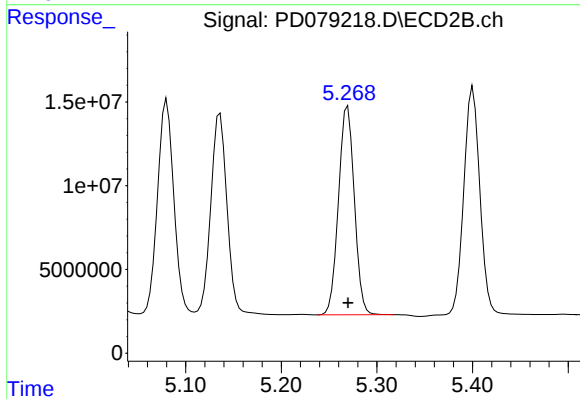
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 148350061
Conc: 51.69 ng/ml



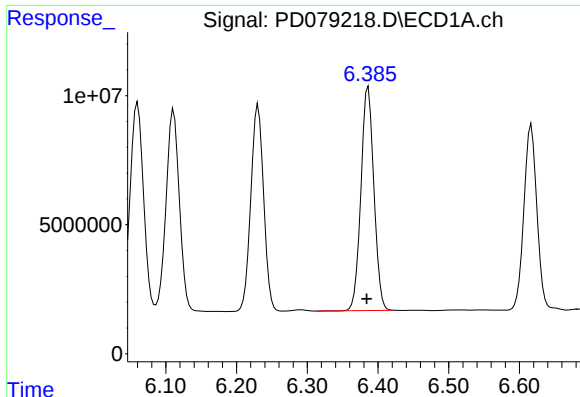
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 100796992
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 143505679
Conc: 53.90 ng/ml



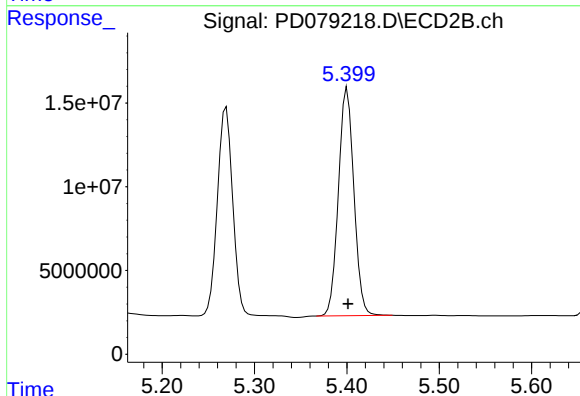
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 110231258
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

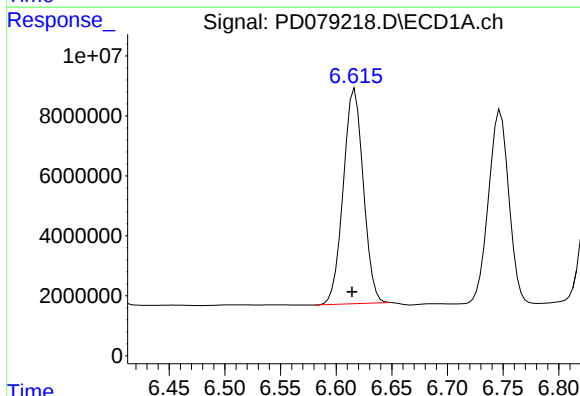
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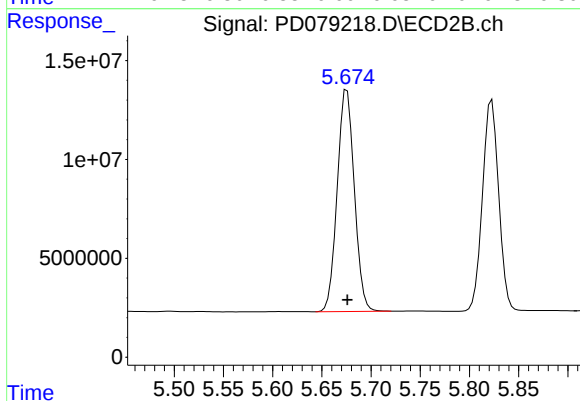
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 158492982
Conc: 53.37 ng/ml



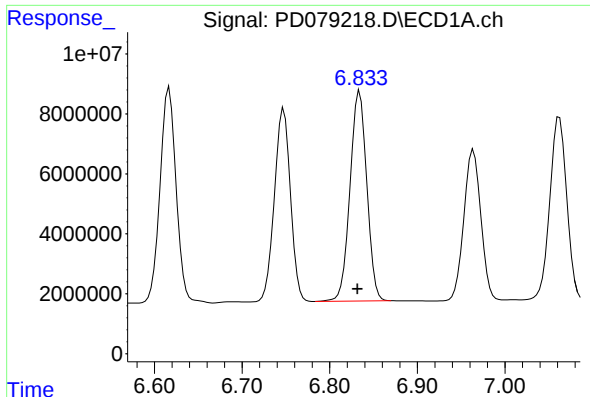
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 90036582
Conc: 46.23 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 135950846
Conc: 53.12 ng/ml



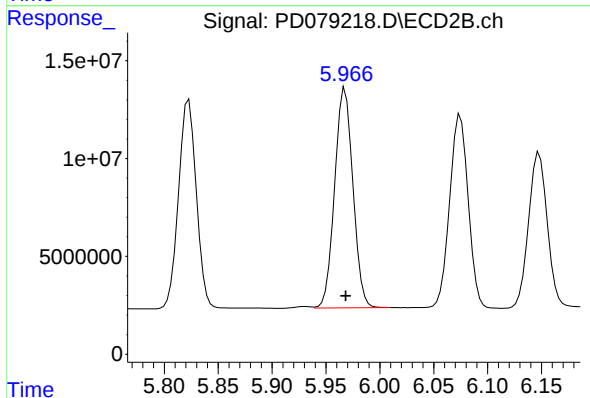
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.002 min
Response: 93099204
Conc: 45.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

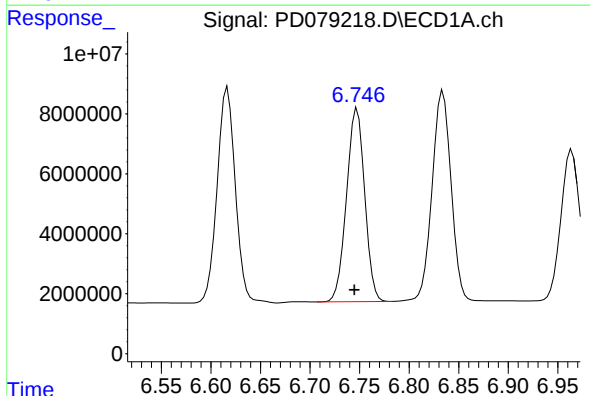
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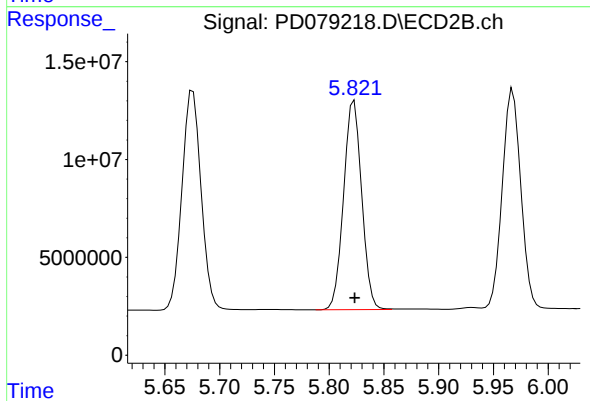
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 132428992
Conc: 53.05 ng/ml



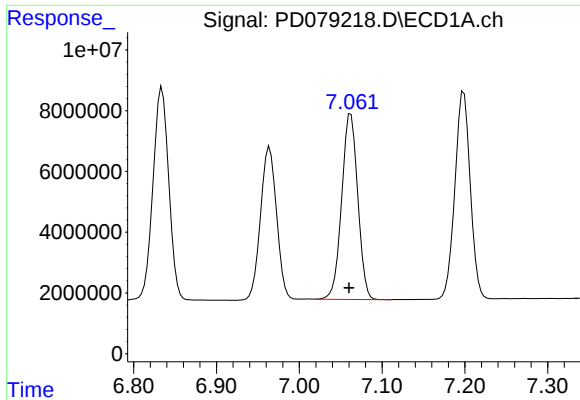
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 82182569
Conc: 46.75 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 122737429
Conc: 53.73 ng/ml



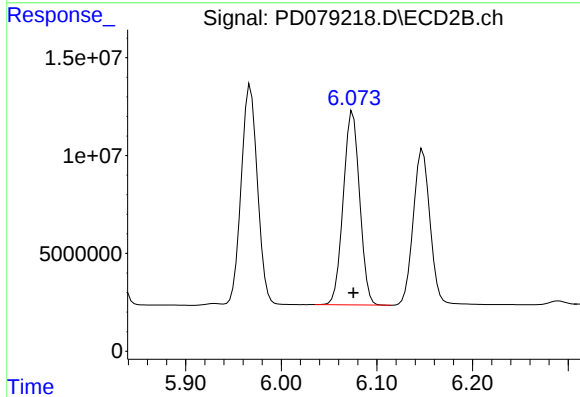
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 82274367
Conc: 43.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

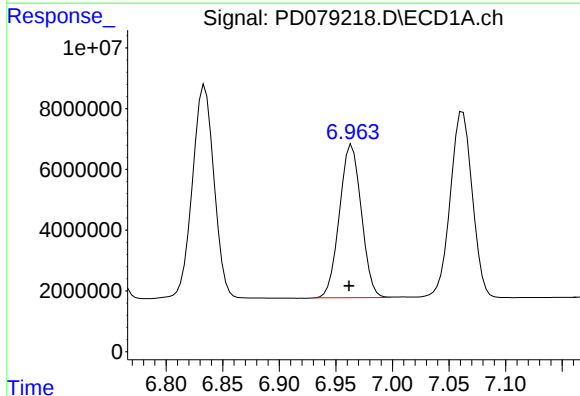
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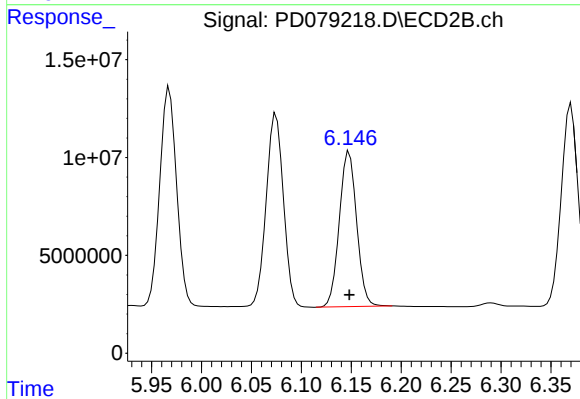
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 118410440
Conc: 51.72 ng/ml



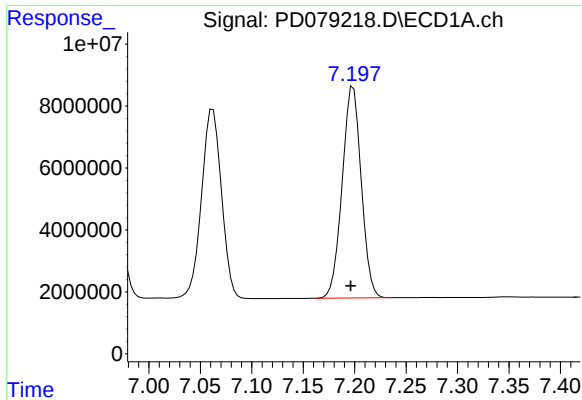
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 67779641
Conc: 43.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 95788784
Conc: 51.52 ng/ml



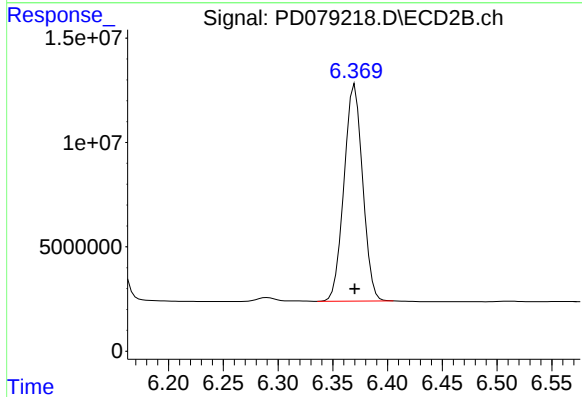
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.002 min
Response: 88209802
Conc: 44.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

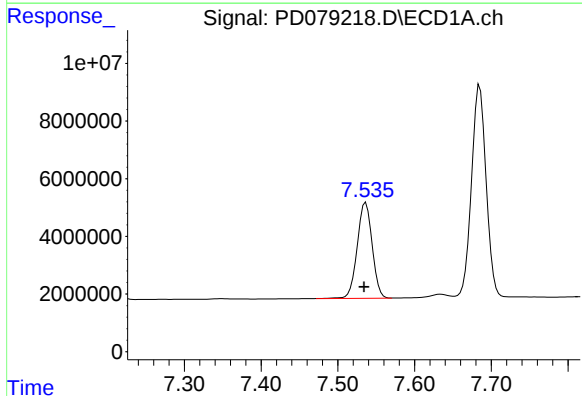
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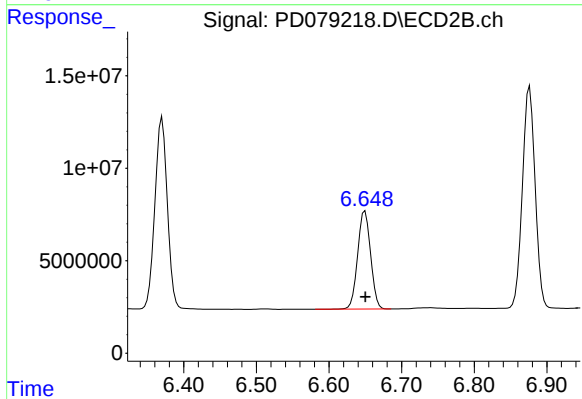
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 122916544
Conc: 52.64 ng/ml



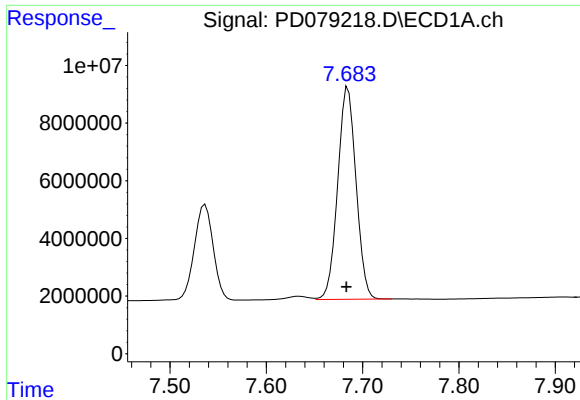
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 45272100
Conc: 41.32 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 65562090
Conc: 48.29 ng/ml



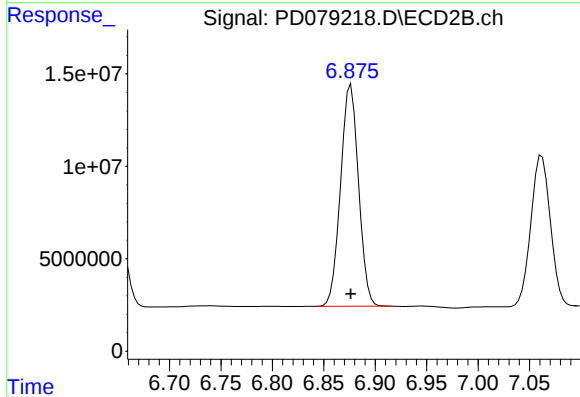
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 97352240
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

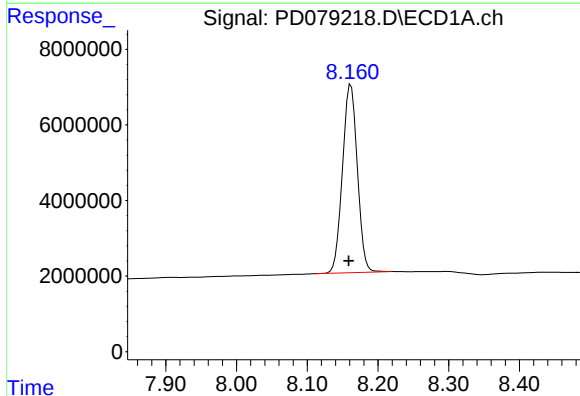
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



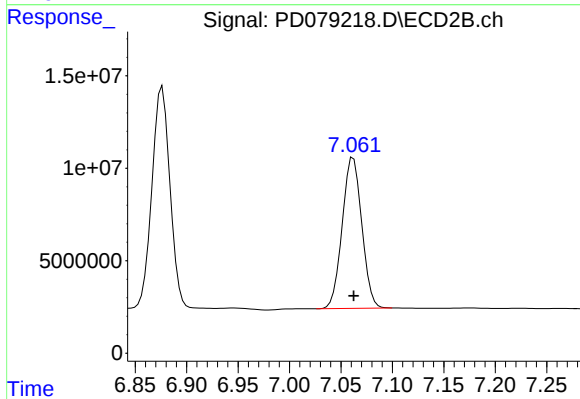
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 145882624
Conc: 52.18 ng/ml



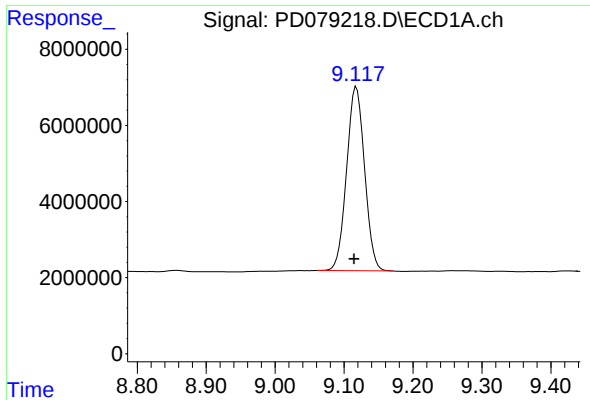
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.003 min
Response: 72832381
Conc: 43.03 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 108160119
Conc: 50.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.003 min
Response: 87549219
Conc: 43.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

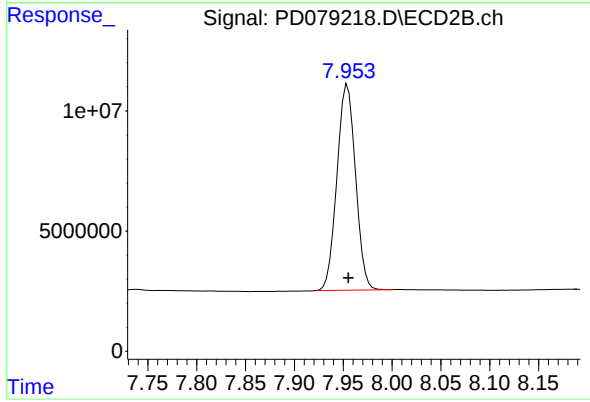
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/30/2023

Supervised By :mohammad ahmed 10/30/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 113615311
Conc: 46.61 ng/ml