

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 16:02
 Operator : AR\AJ
 Sample : PB156690BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156690BS

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 22:09:12 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	28633176	42167596	17.734	18.213
28)	SA Decachlor...	9.117	7.954	38015022	47289564	18.950	19.401
Target Compounds							
2)	A alpha-BHC	4.028	3.310	131.6E6	180.7E6	49.441	52.105
3)	MA gamma-BHC...	4.361	3.640	122.7E6	170.0E6	47.224	50.057
4)	MA Heptachlor	4.955	3.982	130.1E6	167.1E6	48.639	54.703
5)	MB Aldrin	5.298	4.264	123.5E6	166.1E6	47.937	50.761
6)	B beta-BHC	4.554	3.934	50357339	68456833	46.993	48.582
7)	B delta-BHC	4.803	4.166	126.0E6	170.5E6	47.083m	50.917
8)	B Heptachlo...	5.724	4.765	116.6E6	153.2E6	49.758	51.664
9)	A Endosulfan I	6.111	5.136	107.3E6	136.7E6	49.493	51.620
10)	B gamma-Chl...	5.980	5.016	115.4E6	149.5E6	50.334	52.118
11)	B alpha-Chl...	6.060	5.080	111.8E6	146.0E6	49.031	50.874
12)	B 4,4'-DDE	6.230	5.269	105.2E6	142.0E6	49.780	53.327
13)	MA Dieldrin	6.387	5.401	111.9E6	152.3E6	48.057	51.289
14)	MA Endrin	6.617	5.675	93760145	136.6E6	48.141	53.386
15)	B Endosulfa...	6.834	5.968	92504146	124.5E6	45.353	49.875
16)	A 4,4'-DDD	6.747	5.823	86451510	121.5E6	49.178	53.190
17)	MA 4,4'-DDT	7.063	6.074	92882790	121.5E6	49.049	53.092
18)	B Endrin al...	6.963	6.147	72609025	97156298	47.017m	52.254
19)	B Endosulfa...	7.199	6.370	93812878	124.1E6	47.186	53.160
20)	A Methoxychlor	7.535	6.649	48545915	65769896	44.303m	48.445
21)	B Endrin ke...	7.685	6.876	102.6E6	142.5E6	47.082	50.970
22)	Mirex	8.161	7.062	79939161	109.9E6	47.227	51.453

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:02
Operator : AR\AJ
Sample : PB156690BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

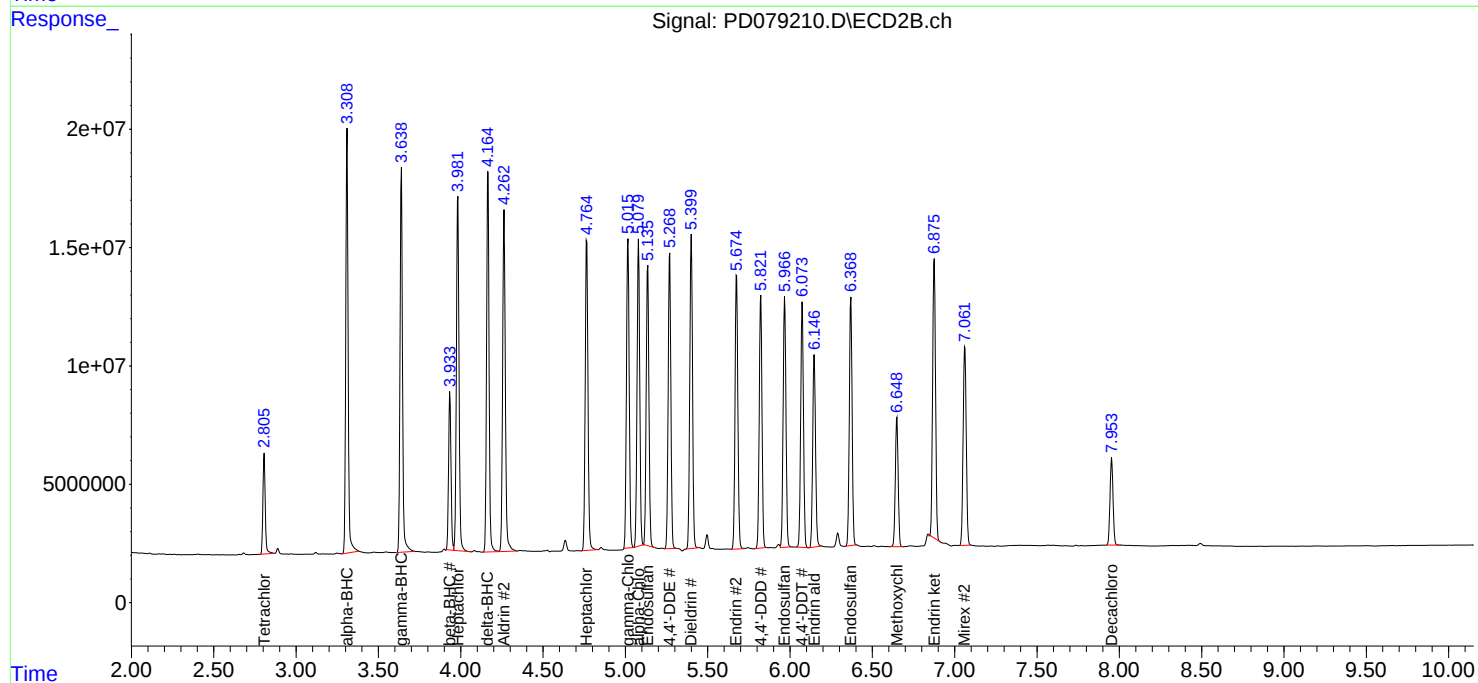
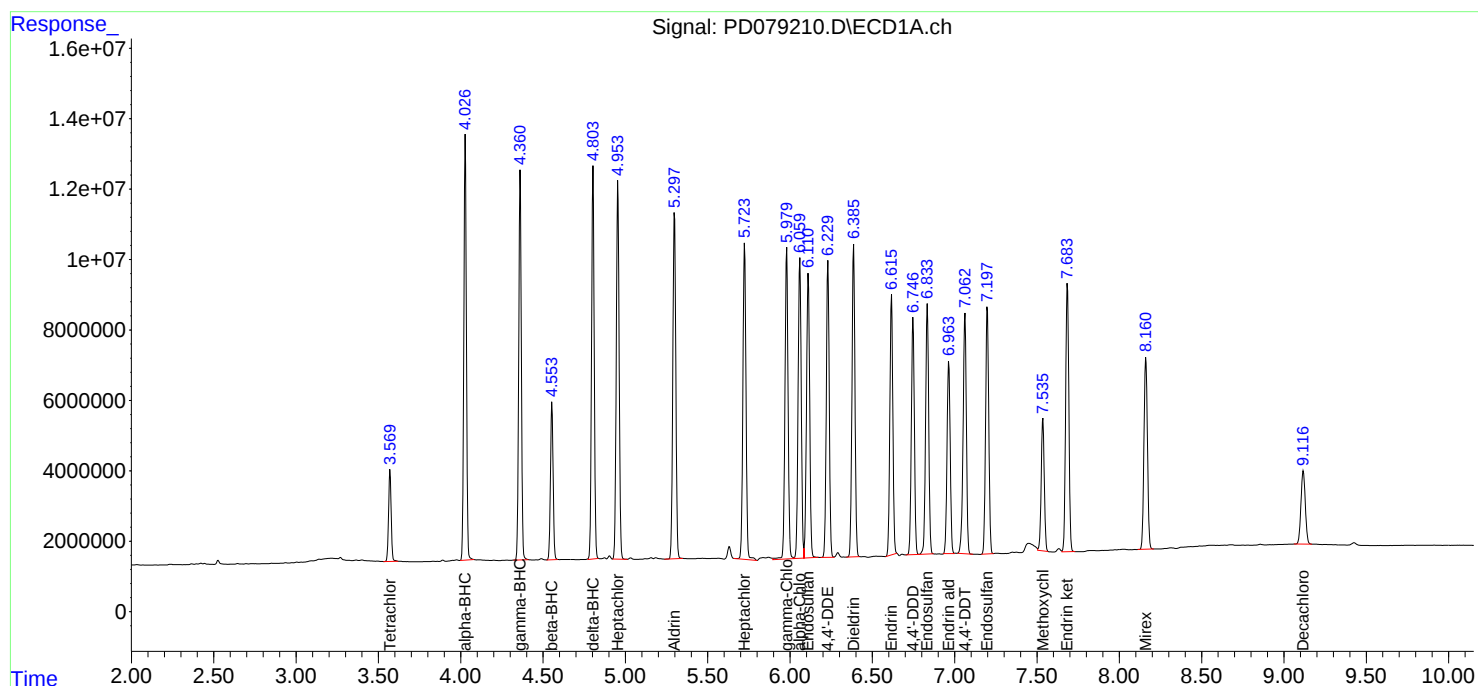
Instrument :
ECD_D
ClientSampleId :
PB156690BS

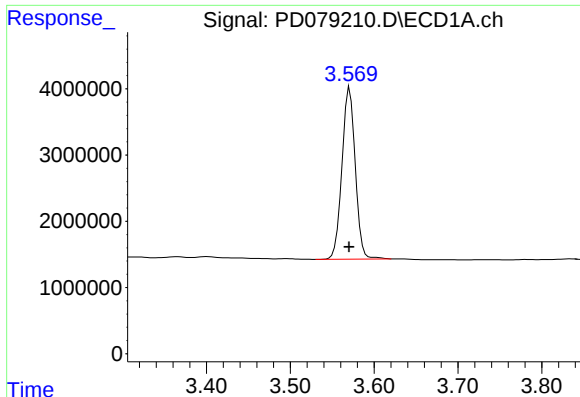
Manual Integrations
APPROVED

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 22:09:12 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.: 0.000 min
Response: 28633176
Conc: 17.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

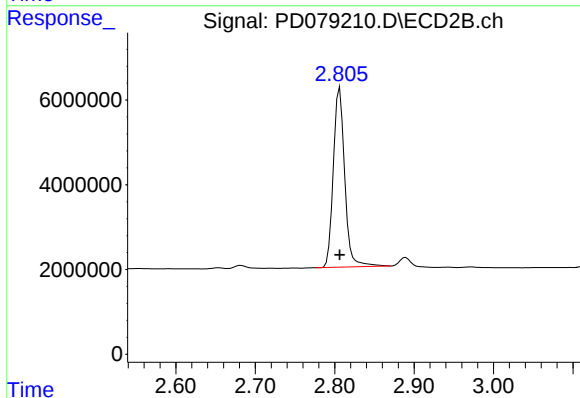
PB156690BS

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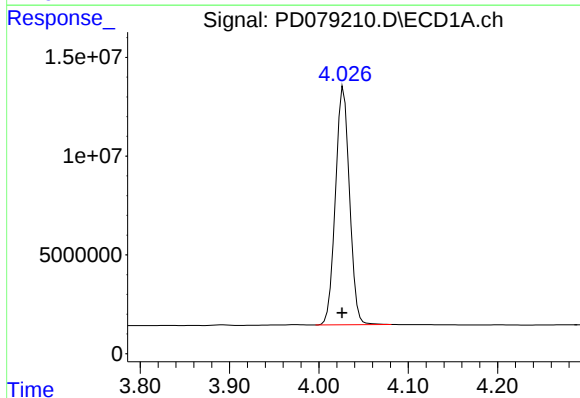
Reviewed By :Abdul Mirza 10/30/2023

Supervised By :mohammad ahmed 10/30/2023



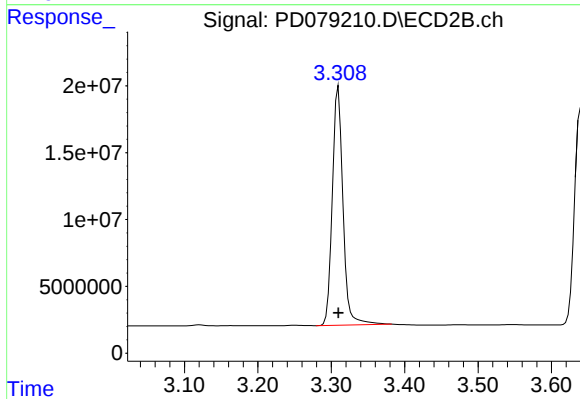
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 42167596
Conc: 18.21 ng/ml



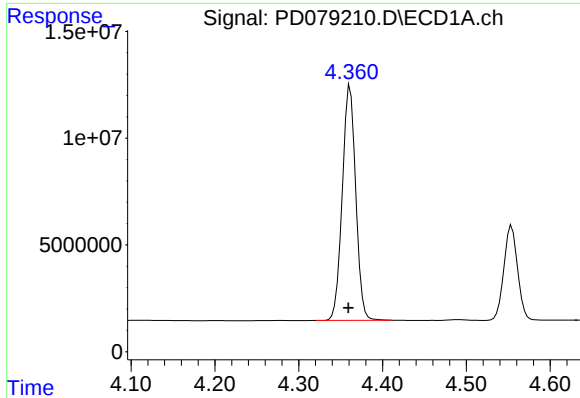
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.002 min
Response: 131616543
Conc: 49.44 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 180670035
Conc: 52.10 ng/ml



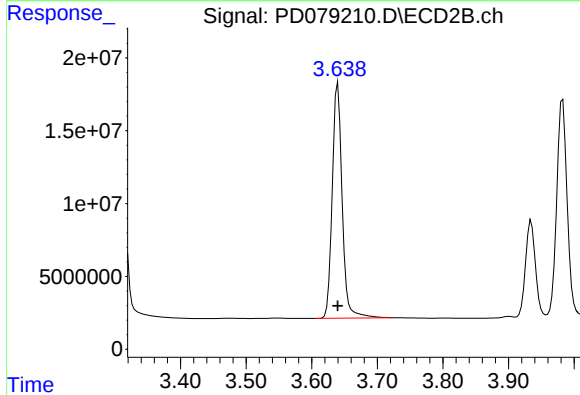
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.002 min
Response: 122726324
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

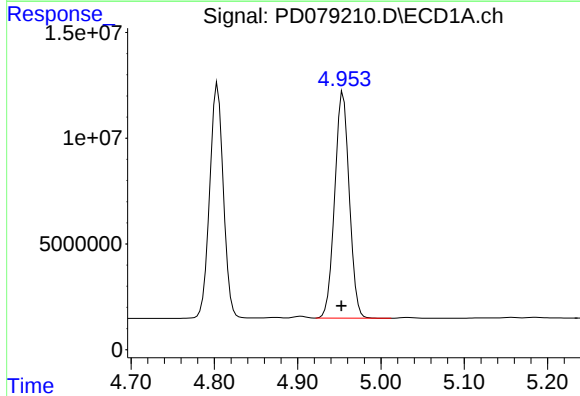
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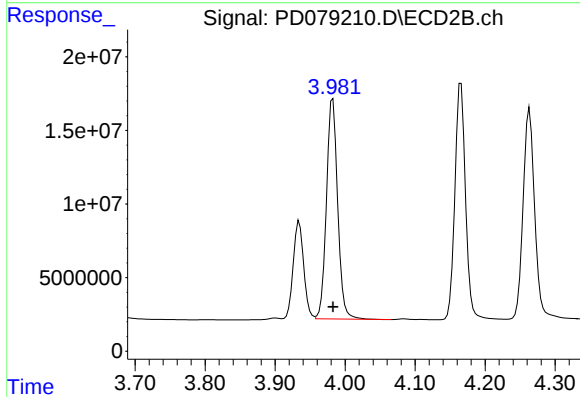
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 169981770
Conc: 50.06 ng/ml



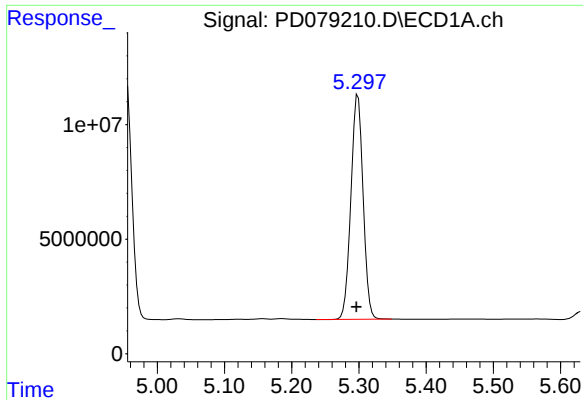
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.002 min
Response: 130106073
Conc: 48.64 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 167068732
Conc: 54.70 ng/ml



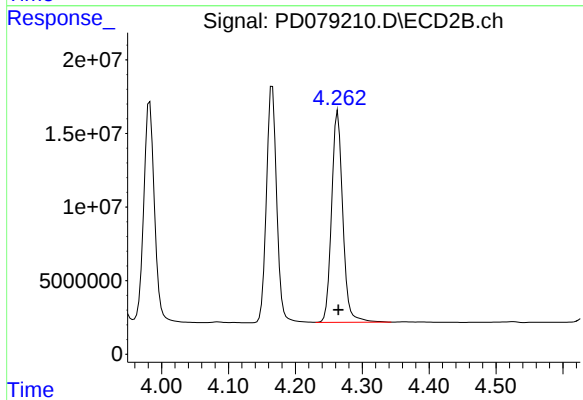
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 123525397
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

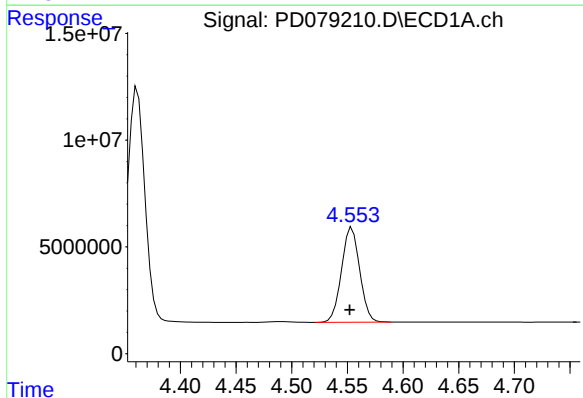
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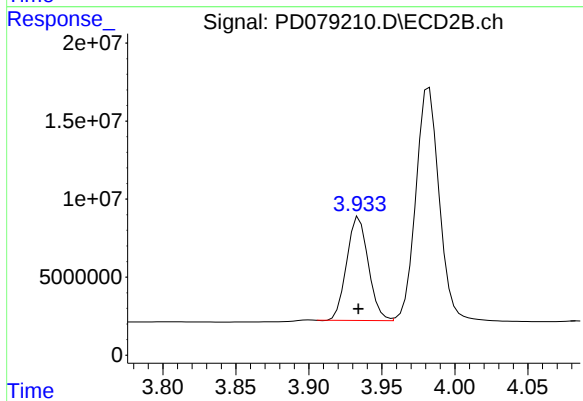
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 166057353
Conc: 50.76 ng/ml



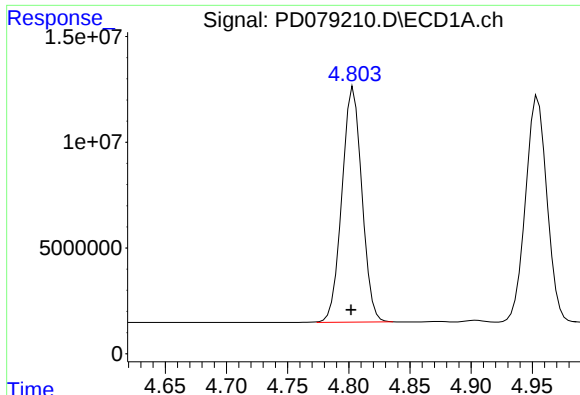
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 50357339
Conc: 46.99 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 68456833
Conc: 48.58 ng/ml



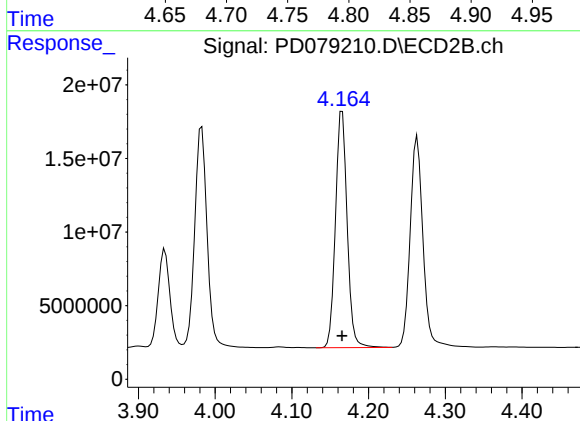
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 126044713
Conc: 47.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

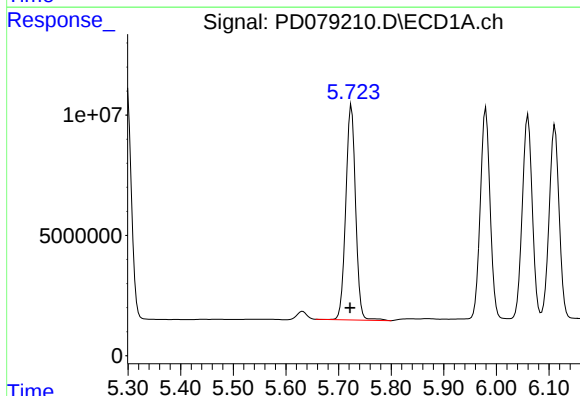
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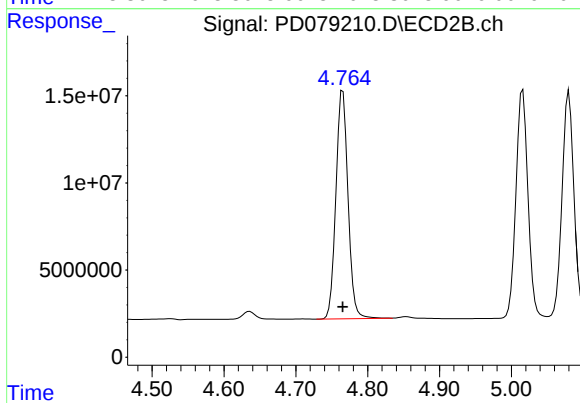
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 170481875
Conc: 50.92 ng/ml



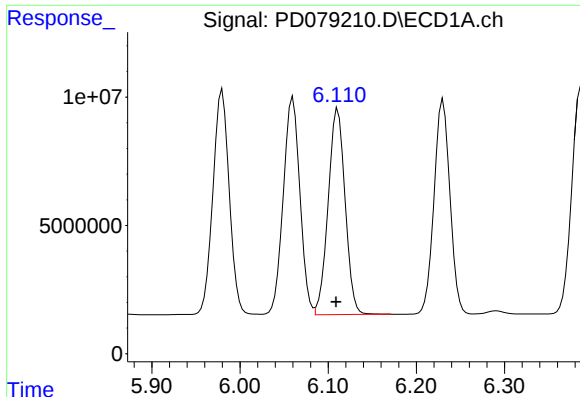
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 116617650
Conc: 49.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 153167266
Conc: 51.66 ng/ml



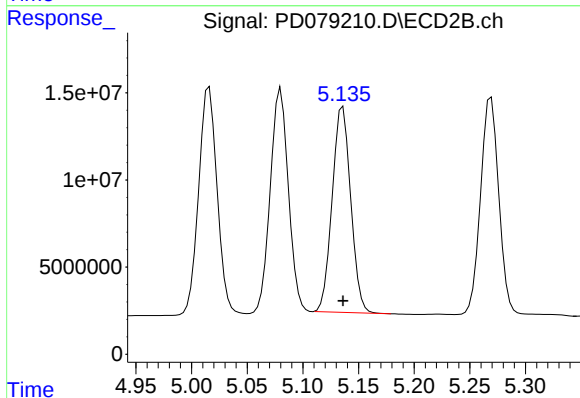
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 107296867
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

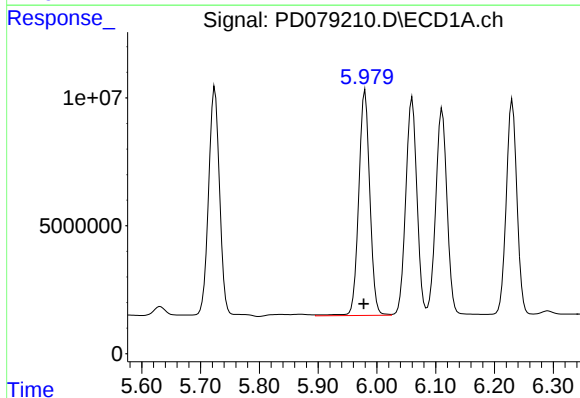
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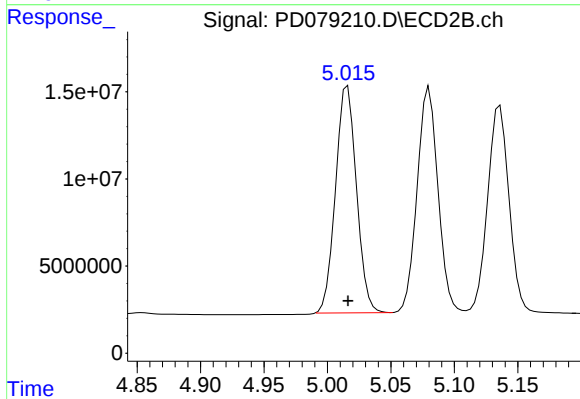
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 136674235
Conc: 51.62 ng/ml



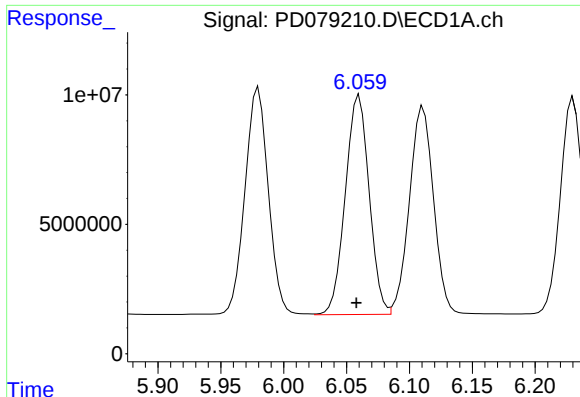
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 115401882
Conc: 50.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 149548541
Conc: 52.12 ng/ml



#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 111799587
Conc: 49.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

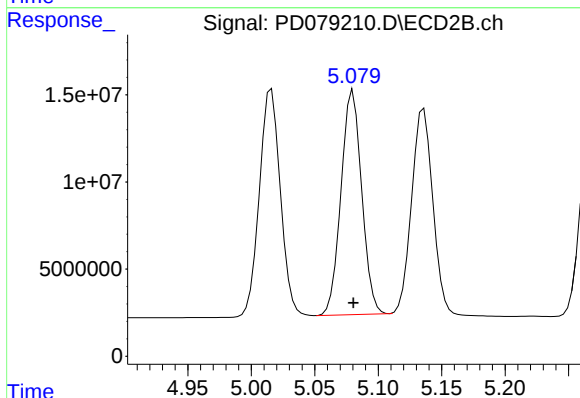
PB156690BS

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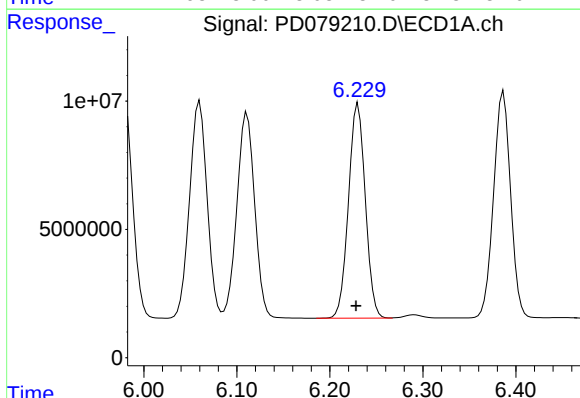
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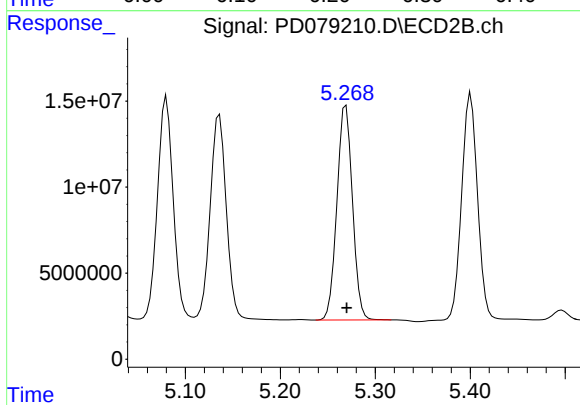
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 145999492
Conc: 50.87 ng/ml



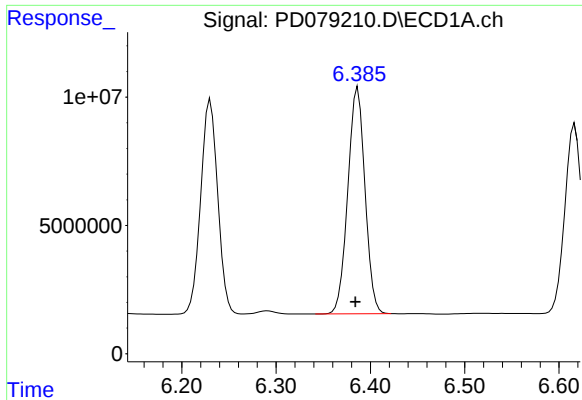
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 105189642
Conc: 49.78 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 141976775
Conc: 53.33 ng/ml



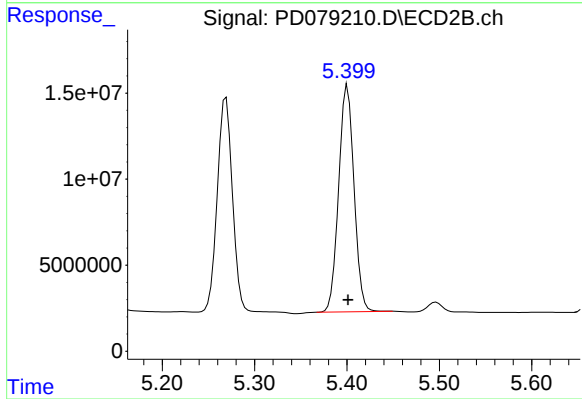
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 111916401
Conc: 48.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

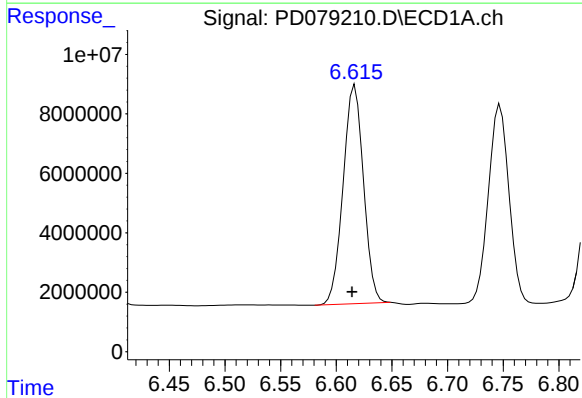
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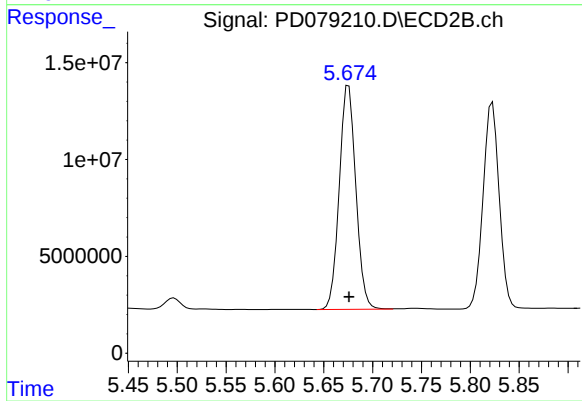
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 152323556
Conc: 51.29 ng/ml



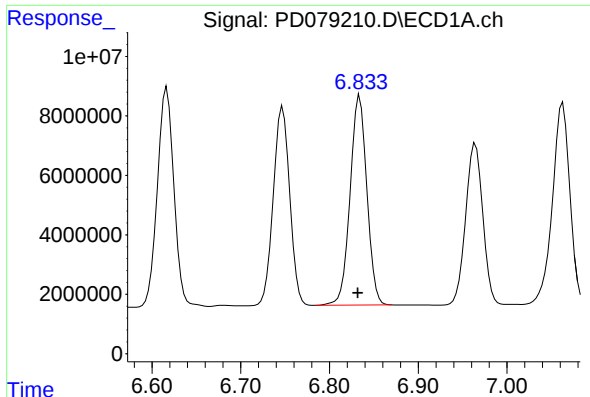
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 93760145
Conc: 48.14 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 136621432
Conc: 53.39 ng/ml



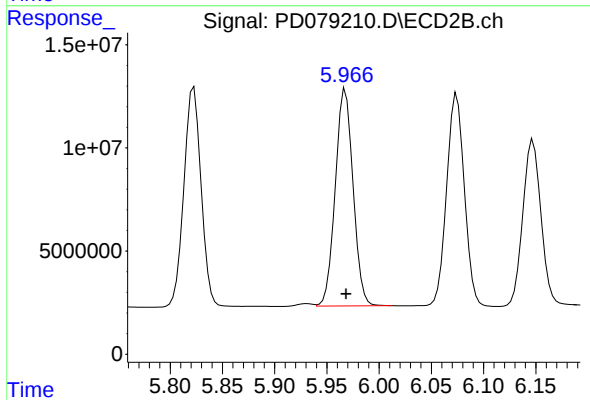
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.002 min
Response: 92504146
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

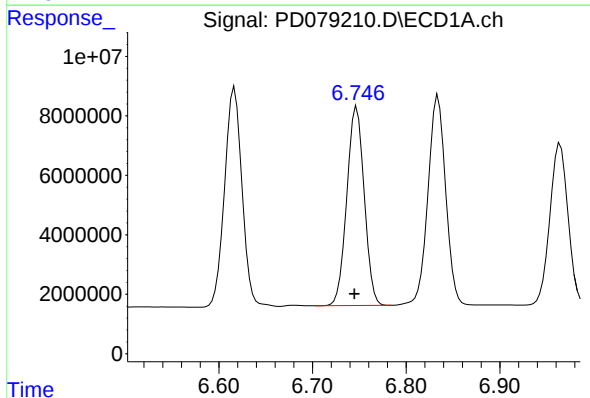
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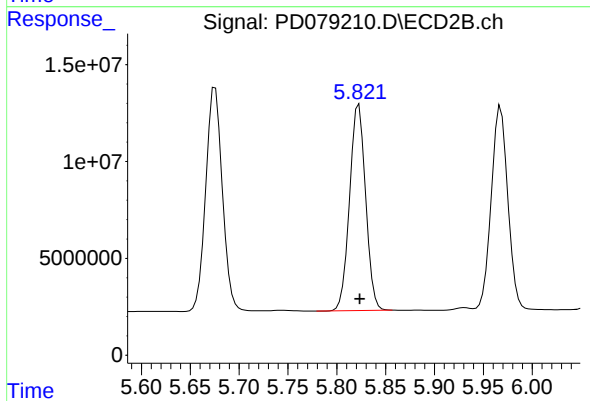
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 124514637
Conc: 49.88 ng/ml



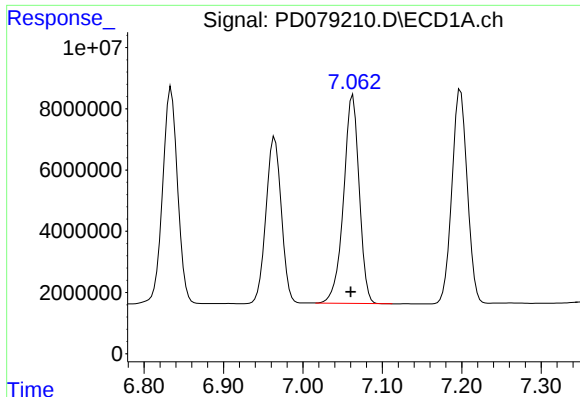
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 86451510
Conc: 49.18 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 121500032
Conc: 53.19 ng/ml



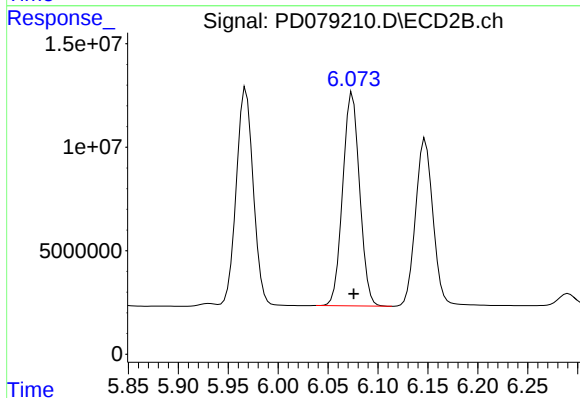
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 92882790
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

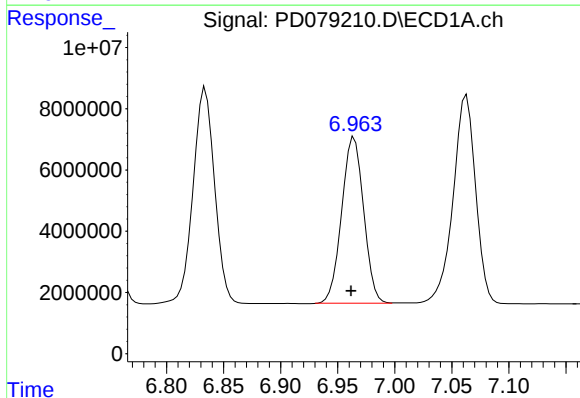
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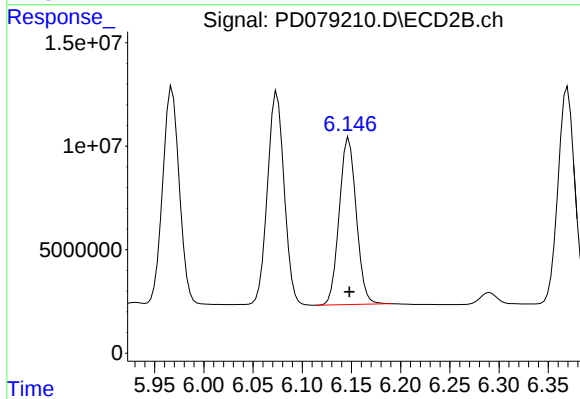
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 121546680
Conc: 53.09 ng/ml



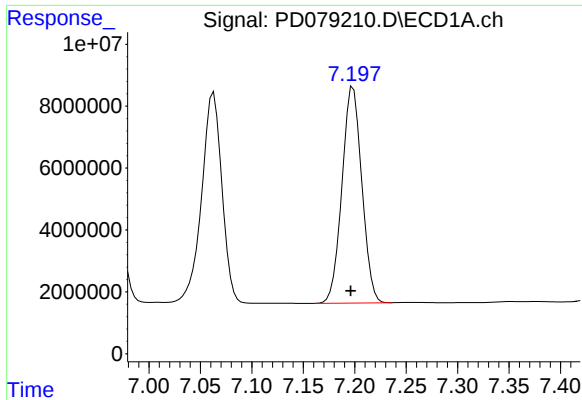
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 72609025
Conc: 47.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 97156298
Conc: 52.25 ng/ml



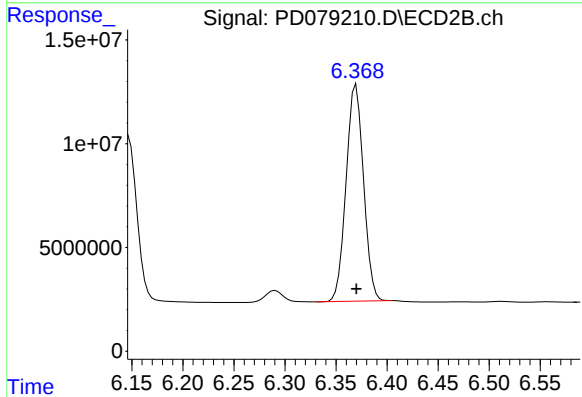
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.002 min
Response: 93812878
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

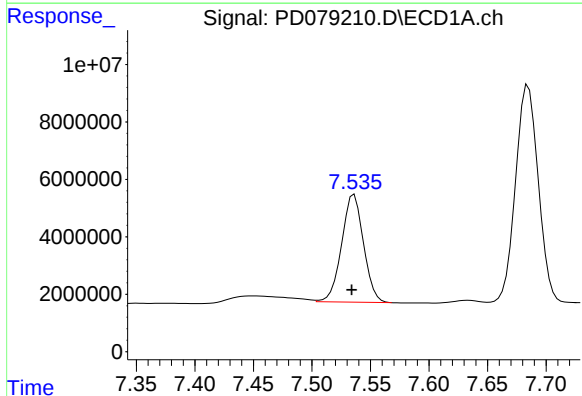
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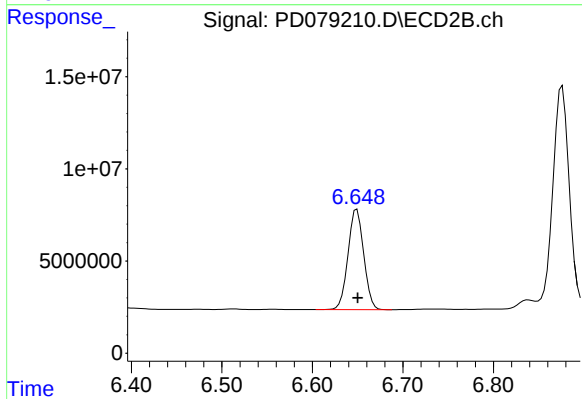
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 124118754
Conc: 53.16 ng/ml



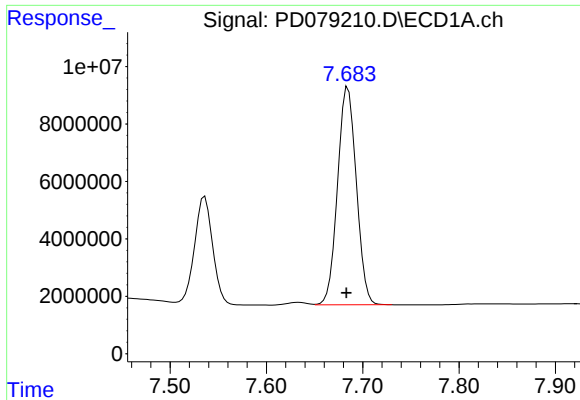
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 48545915
Conc: 44.30 ng/ml m



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 65769896
Conc: 48.44 ng/ml



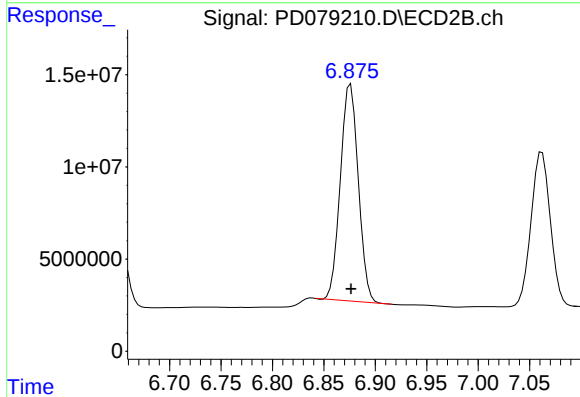
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 102646851
Conc: 47.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

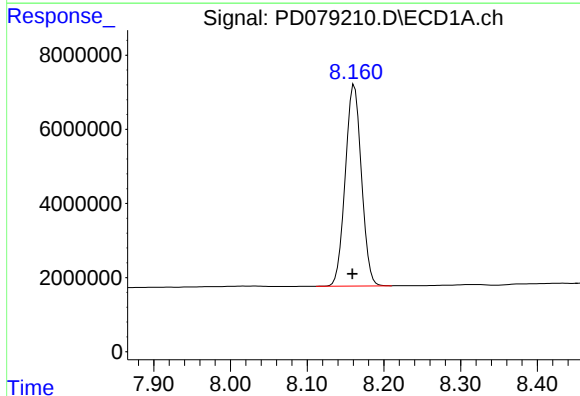
Manual Integrations
APPROVED

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



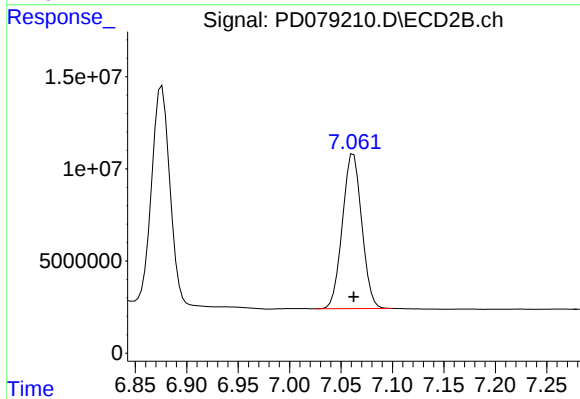
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 142497179
Conc: 50.97 ng/ml



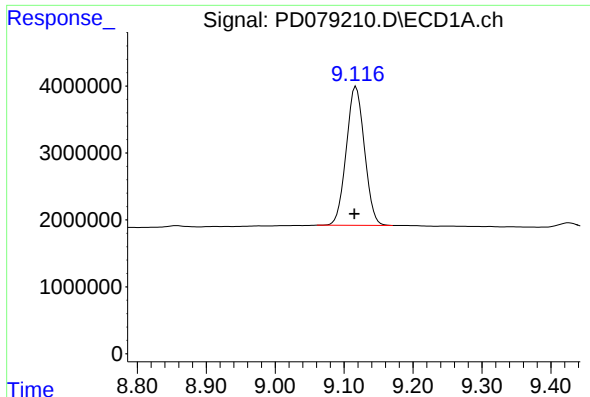
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.003 min
Response: 79939161
Conc: 47.23 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 109921056
Conc: 51.45 ng/ml



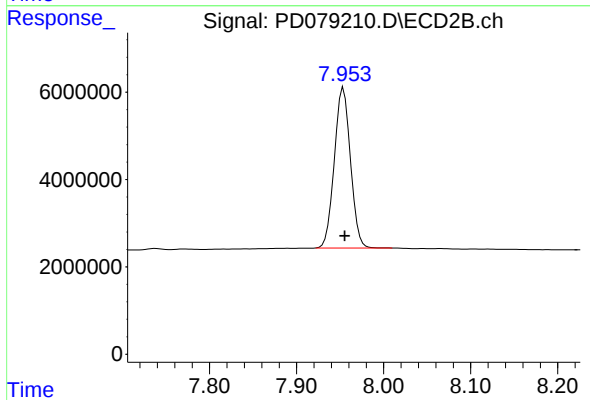
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 38015022
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156690BS

Manual Integrations
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Supervised By :mohammad ahmed 10/30/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 47289564
Conc: 19.40 ng/ml