

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 20:24
 Operator : AR\AJ
 Sample : PB156793BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156793BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:24:00 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	2.806	28800537	42057787	17.838	18.165
28)	SA Decachlor...	9.115	7.954	39048402	48237477	19.466	19.790
Target Compounds							
2)	A alpha-BHC	4.026	3.309	132.9E6	179.3E6	49.929	51.698
3)	MA gamma-BHC...	4.359	3.639	123.4E6	168.5E6	47.481	49.633
4)	MA Heptachlor	4.952	3.982	129.1E6	164.2E6	48.259	53.778
5)	MB Aldrin	5.296	4.263	123.5E6	164.6E6	47.938	50.305
6)	B beta-BHC	4.552	3.933	50727832	68076316	47.339	48.312
7)	B delta-BHC	4.800	4.165	126.8E6	170.0E6	47.360m	50.759
8)	B Heptachlo...	5.722	4.764	114.7E6	152.9E6	48.944	51.564
9)	A Endosulfan I	6.109	5.135	107.4E6	135.2E6	49.523	51.064
10)	B gamma-Chl...	5.977	5.015	113.2E6	148.1E6	49.383	51.625
11)	B alpha-Chl...	6.058	5.079	112.1E6	144.9E6	49.167	50.490
12)	B 4,4'-DDE	6.228	5.268	104.6E6	143.3E6	49.482	53.840
13)	MA Dieldrin	6.384	5.399	111.6E6	151.2E6	47.933	50.918
14)	MA Endrin	6.615	5.675	89565450	127.2E6	45.987	49.701
15)	B Endosulfa...	6.832	5.967	92772914	123.5E6	45.485	49.465
16)	A 4,4'-DDD	6.745	5.822	88066344	122.8E6	50.096	53.740
17)	MA 4,4'-DDT	7.060	6.074	90617057	116.6E6	47.853	50.946
18)	B Endrin al...	6.960	6.147	73998292	97458170	47.917m	52.416
19)	B Endosulfa...	7.197	6.370	95042403	123.2E6	47.805	52.770
20)	A Methoxychlor	7.534	6.649	46523182	62484907	42.457	46.025
21)	B Endrin ke...	7.683	6.875	104.9E6	147.4E6	48.107	52.707
22)	Mirex	8.160	7.061	79509037	109.6E6	46.973	51.309

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 20:24
Operator : AR\AJ
Sample : PB156793BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

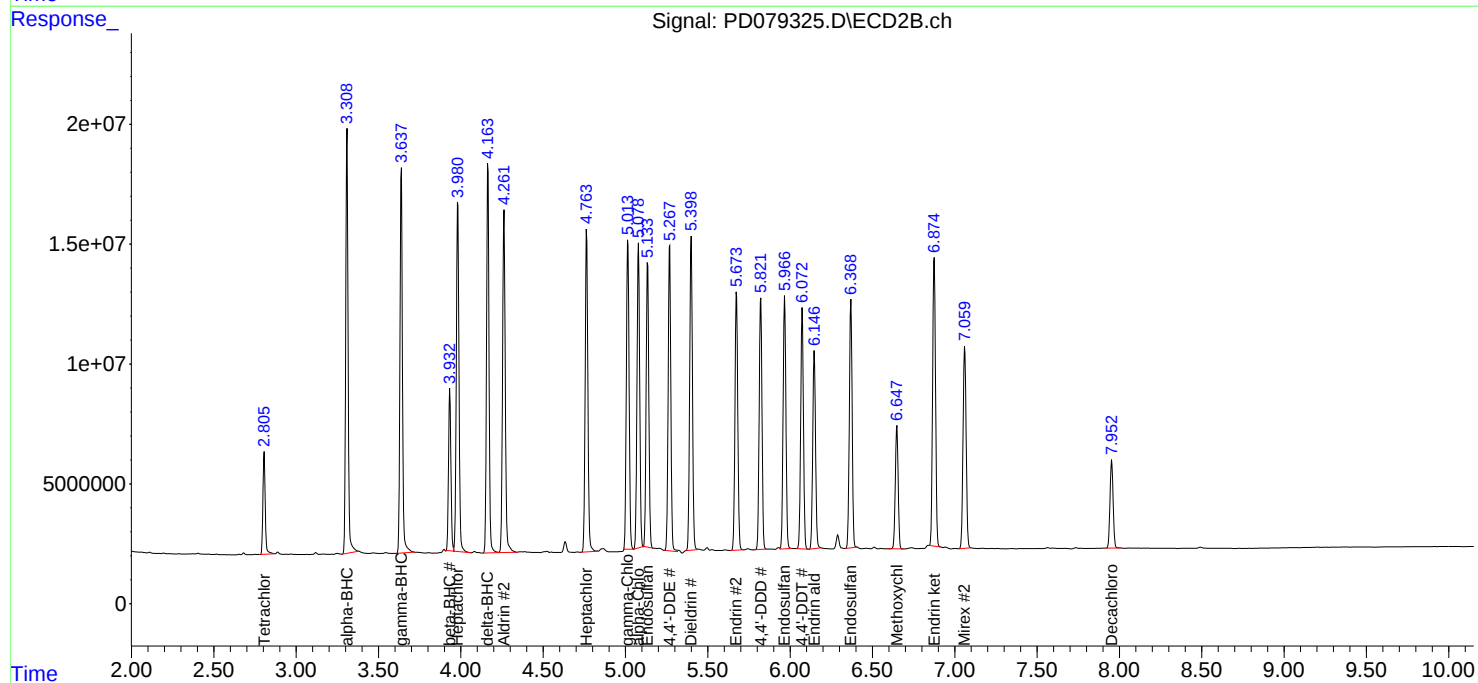
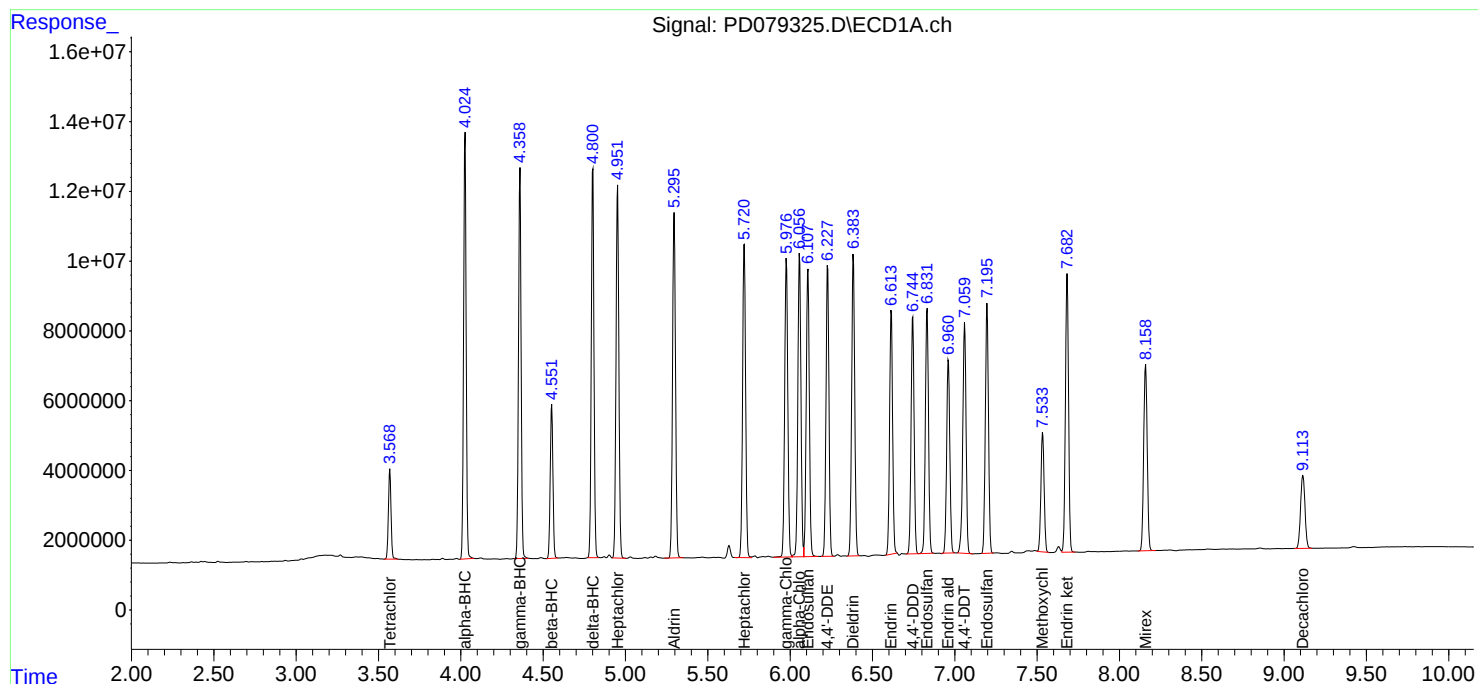
Instrument :
ECD_D
ClientSampleId :
PB156793BS

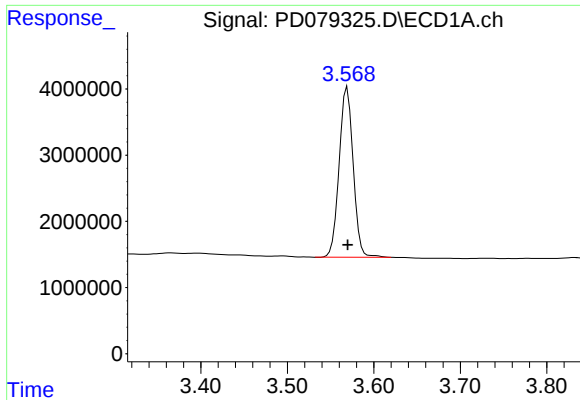
Manual Integrations
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Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:24:00 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





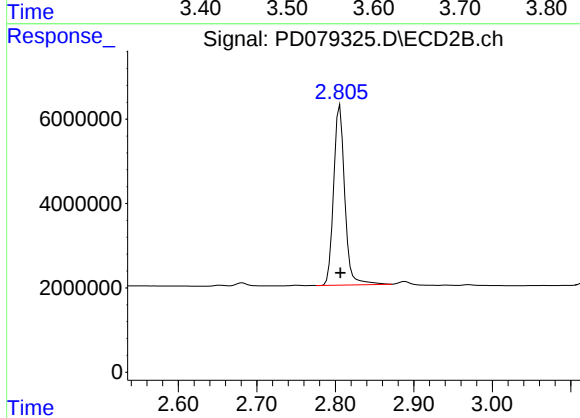
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 28800537
Conc: 17.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

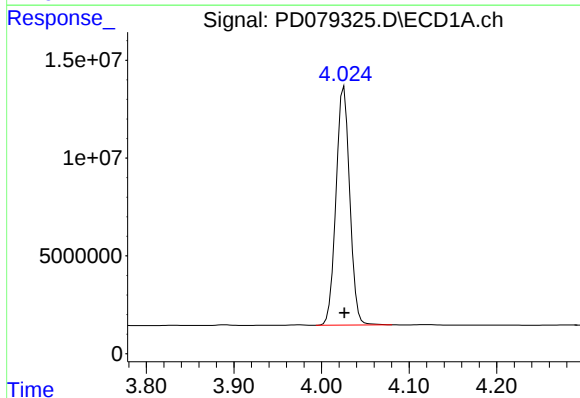
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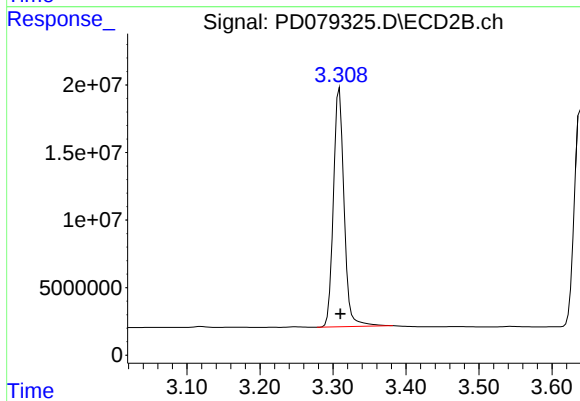
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 42057787
Conc: 18.17 ng/ml



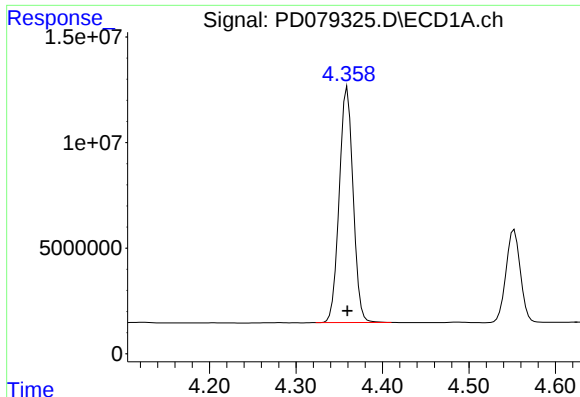
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 132914950
Conc: 49.93 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: -0.001 min
Response: 179259454
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 123394674
Conc: 47.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

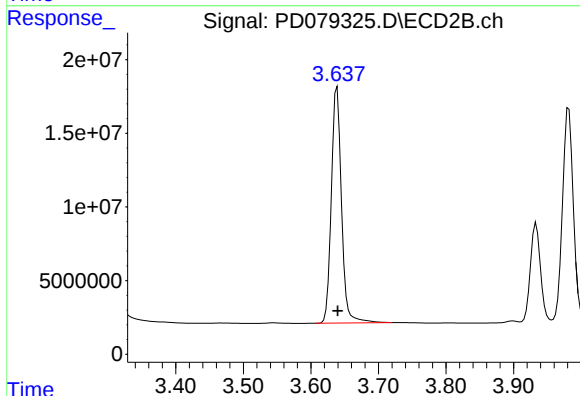
PB156793BS

Manual Integrations

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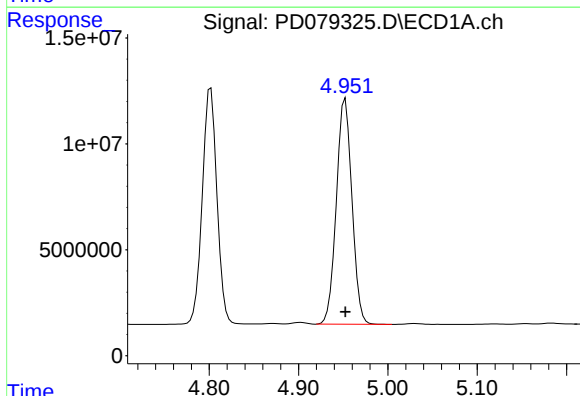
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/02/2023



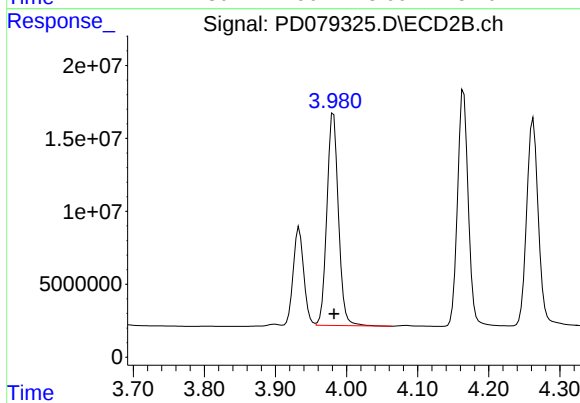
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 168544774
Conc: 49.63 ng/ml



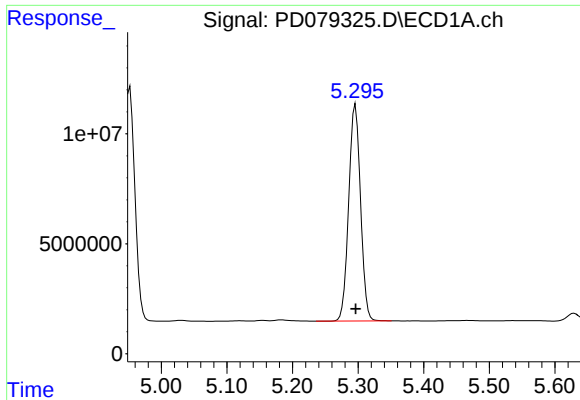
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 129088987
Conc: 48.26 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: -0.001 min
Response: 164244648
Conc: 53.78 ng/ml



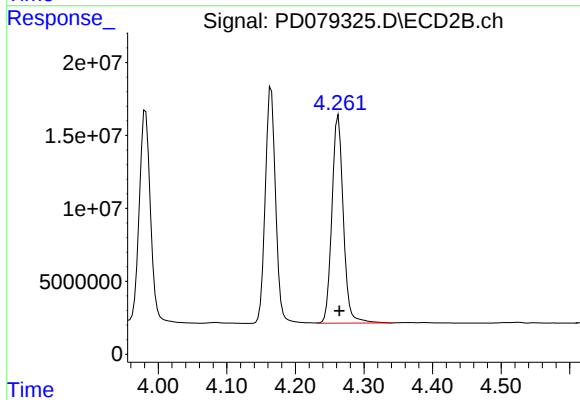
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 123526702
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

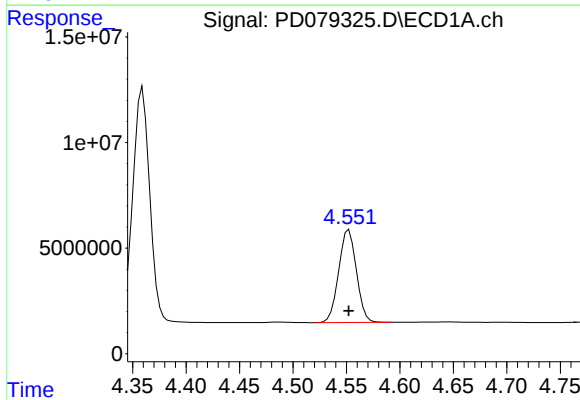
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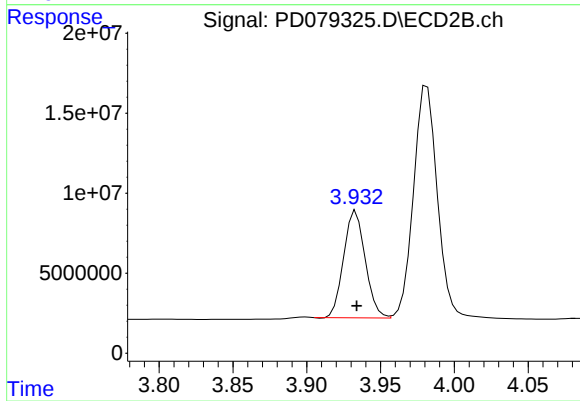
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 164563811
Conc: 50.30 ng/ml



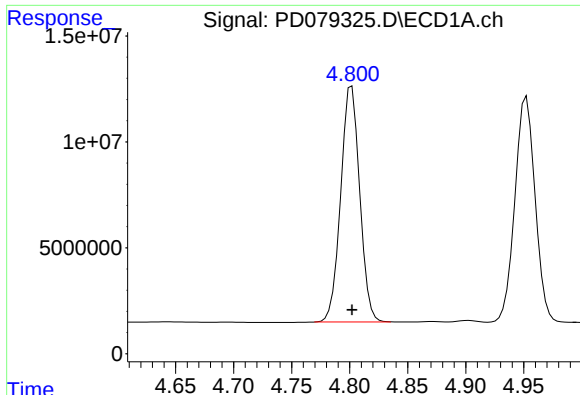
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 50727832
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 68076316
Conc: 48.31 ng/ml



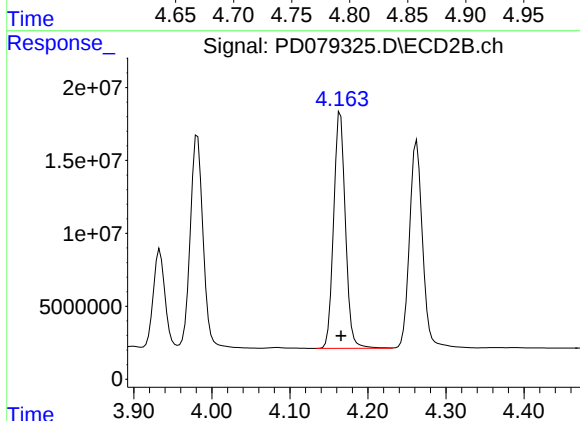
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 126784428
Conc: 47.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

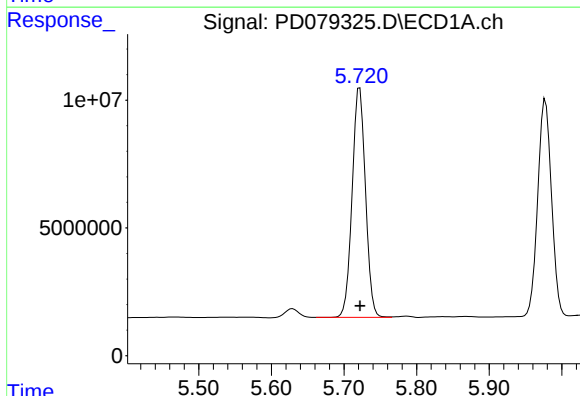
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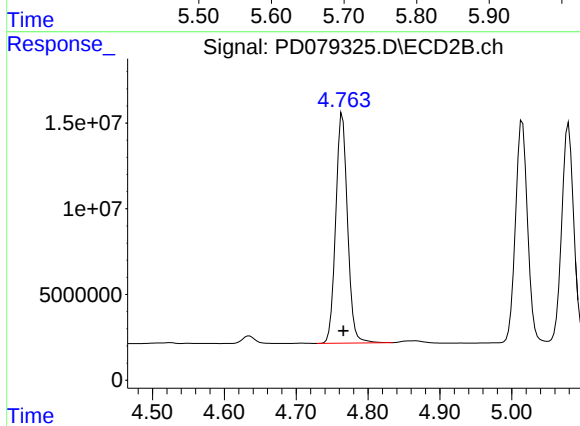
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 169954537
Conc: 50.76 ng/ml



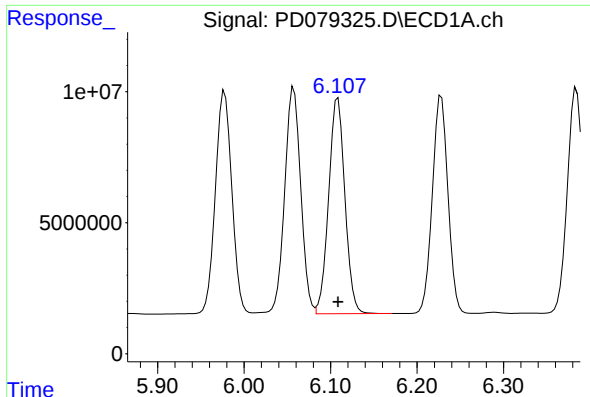
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 114709156
Conc: 48.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 152872308
Conc: 51.56 ng/ml



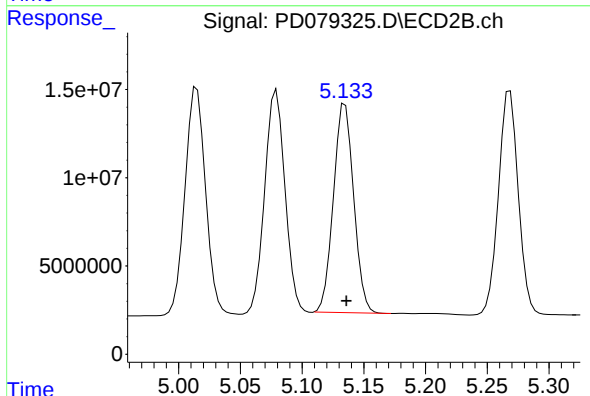
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 107362647
Conc: 49.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

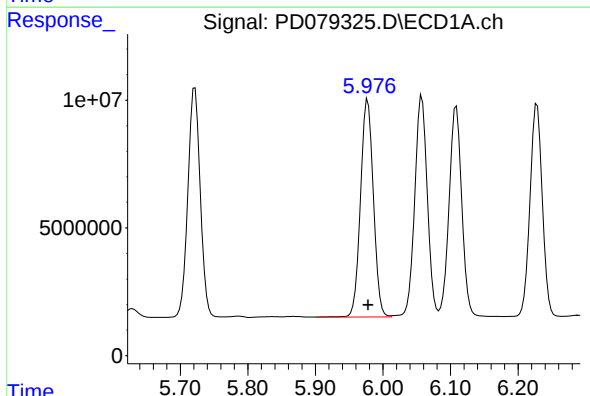
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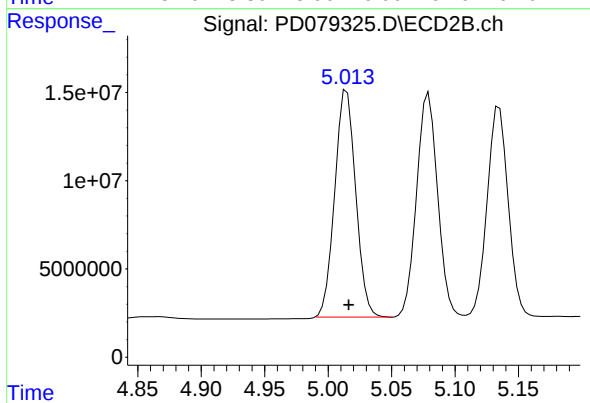
#9 Endosulfan I

R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 135202818
Conc: 51.06 ng/ml



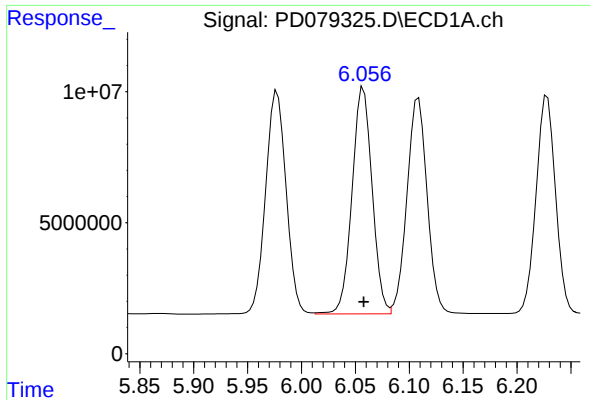
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 113221233
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 148134960
Conc: 51.63 ng/ml



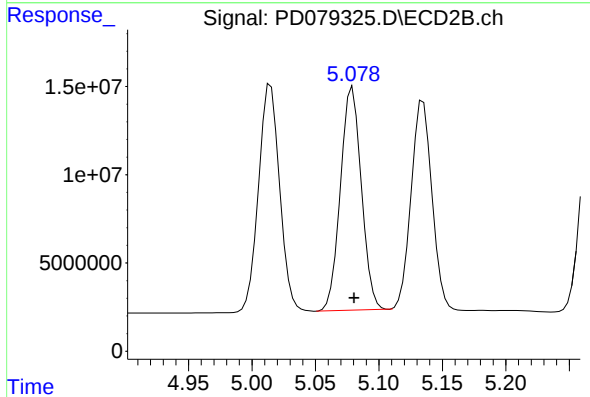
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 112111130
Conc: 49.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

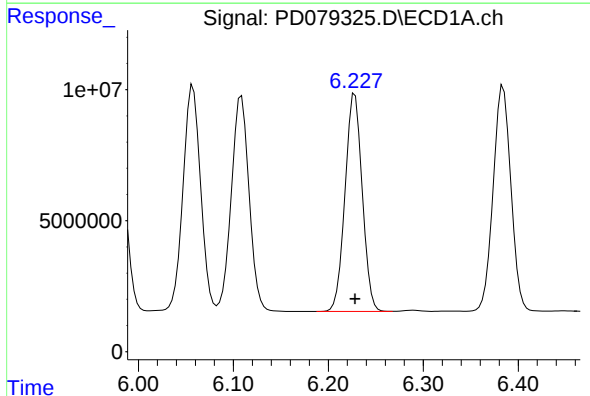
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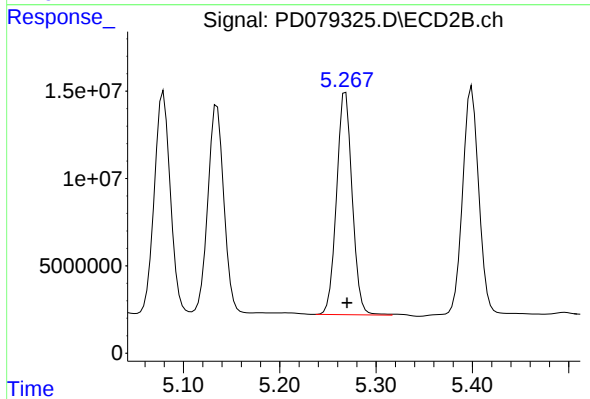
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 144898381
Conc: 50.49 ng/ml



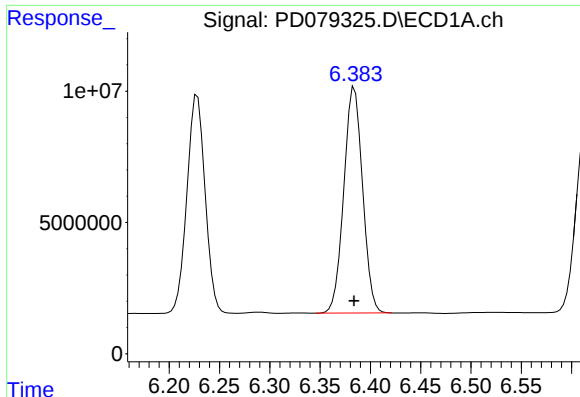
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 104558483
Conc: 49.48 ng/ml



#12 4,4'-DDE

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 143342642
Conc: 53.84 ng/ml



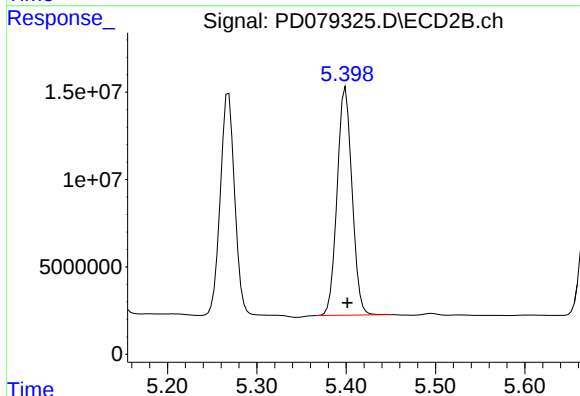
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 111628270
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

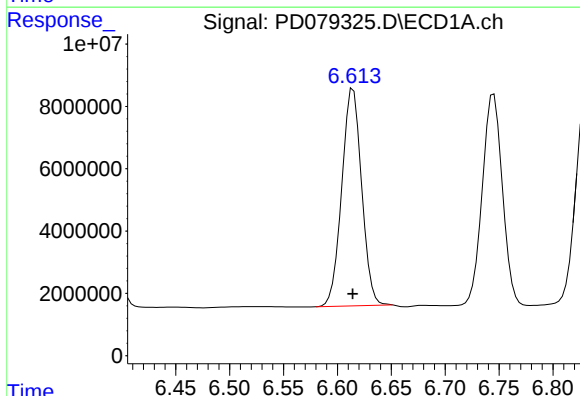
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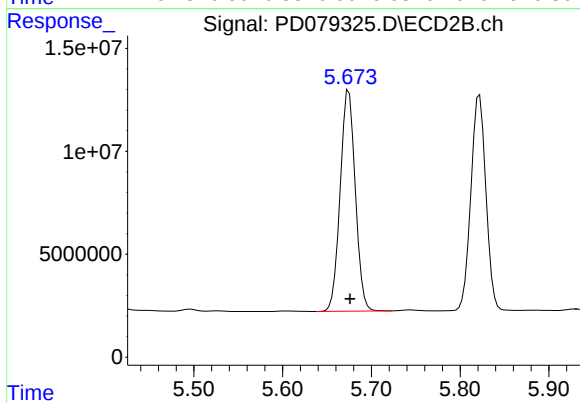
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 151220188
Conc: 50.92 ng/ml



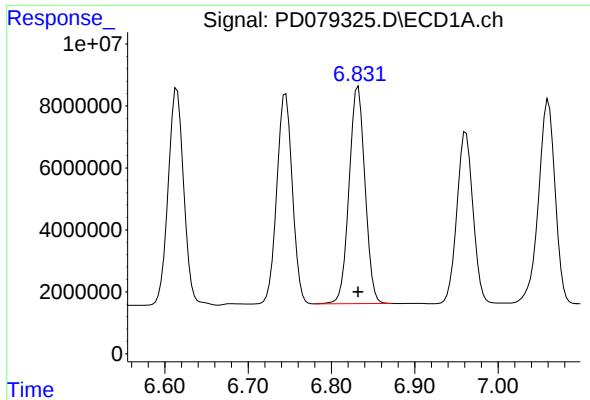
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 89565450
Conc: 45.99 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 127191307
Conc: 49.70 ng/ml



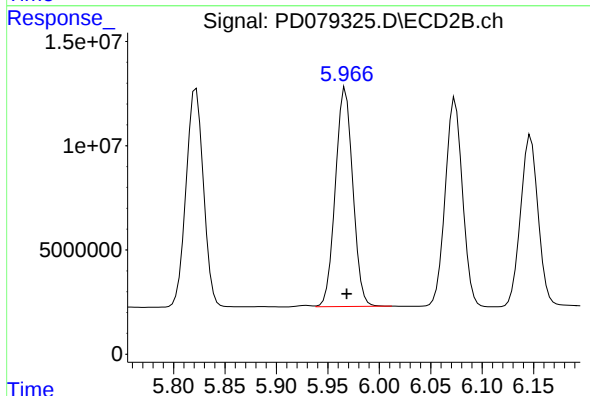
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 92772914
Conc: 45.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

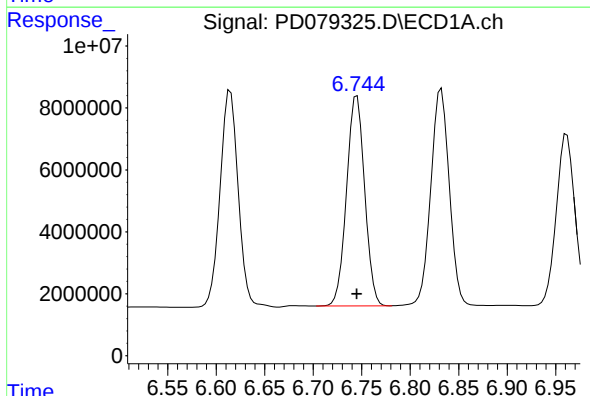
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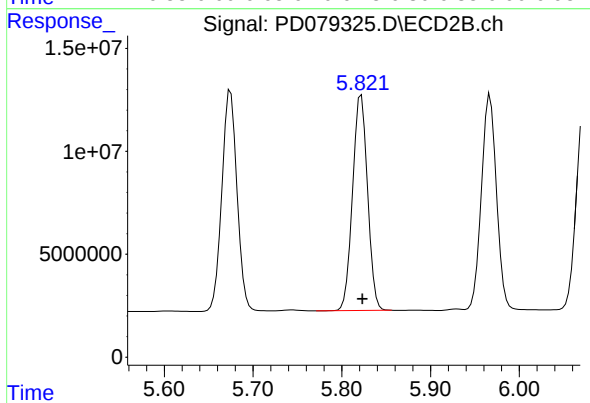
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 123490906
Conc: 49.47 ng/ml



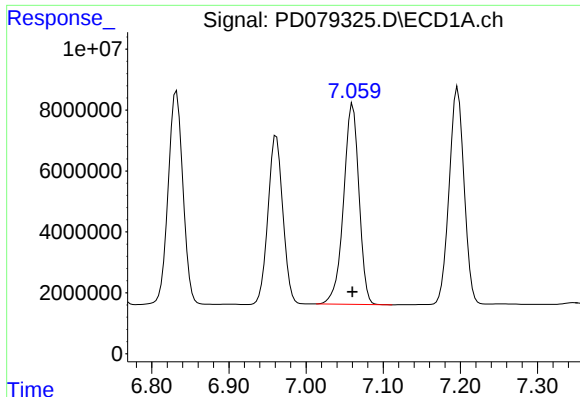
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 88066344
Conc: 50.10 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 122755275
Conc: 53.74 ng/ml



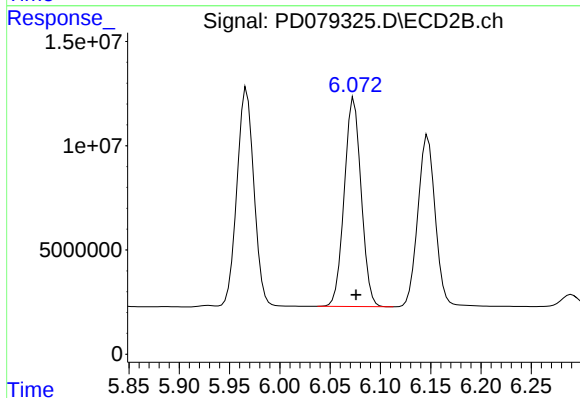
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 90617057
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

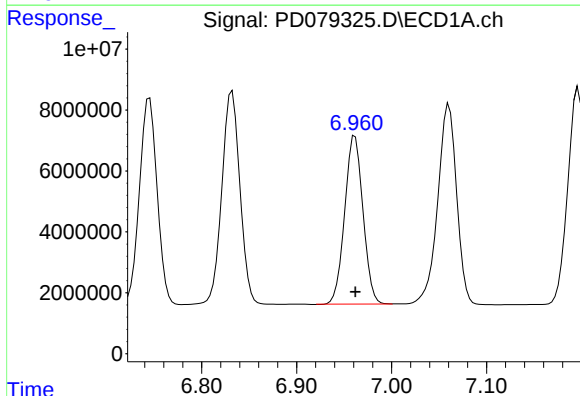
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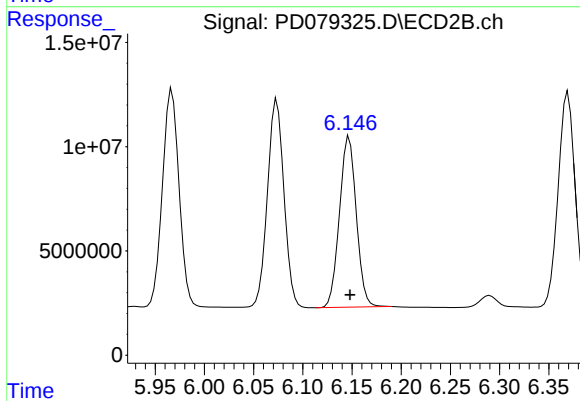
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 116635170
Conc: 50.95 ng/ml



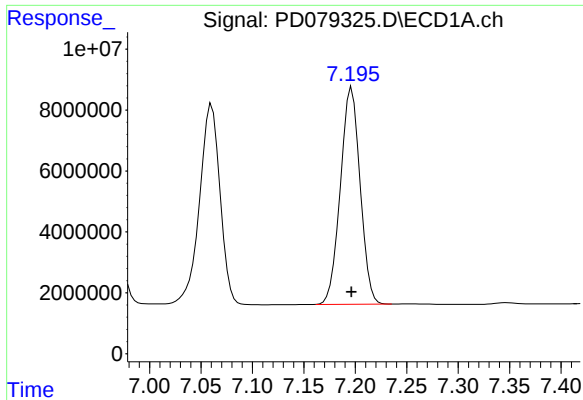
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 73998292
Conc: 47.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 97458170
Conc: 52.42 ng/ml



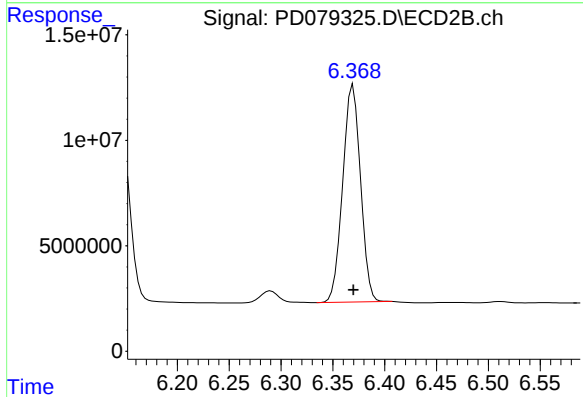
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 95042403
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

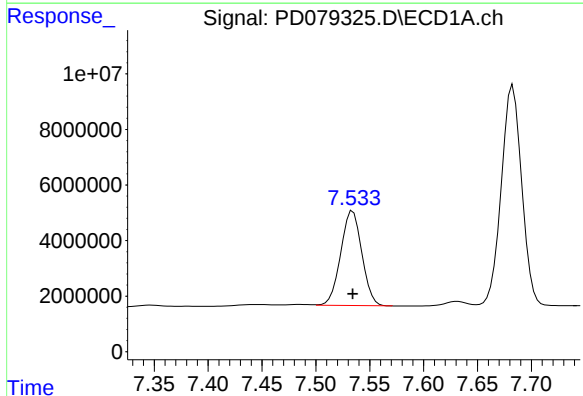
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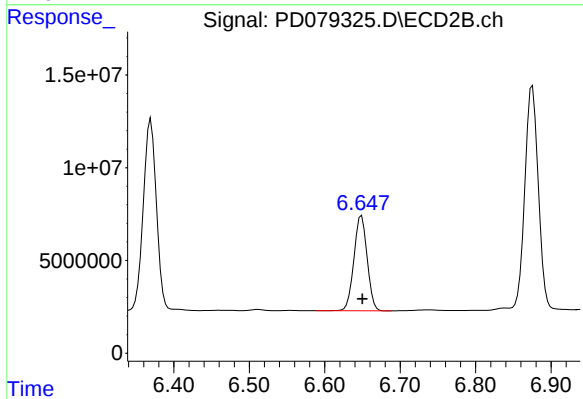
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 123209321
Conc: 52.77 ng/ml



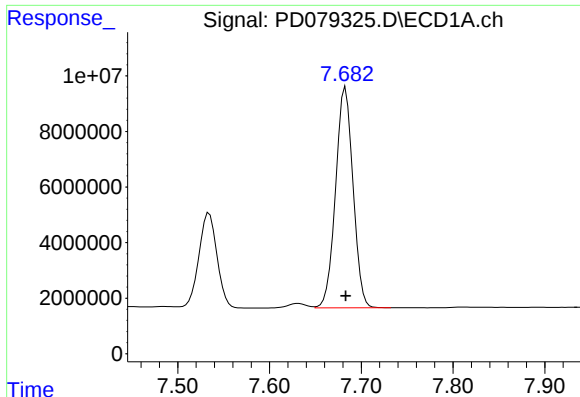
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 46523182
Conc: 42.46 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 62484907
Conc: 46.03 ng/ml



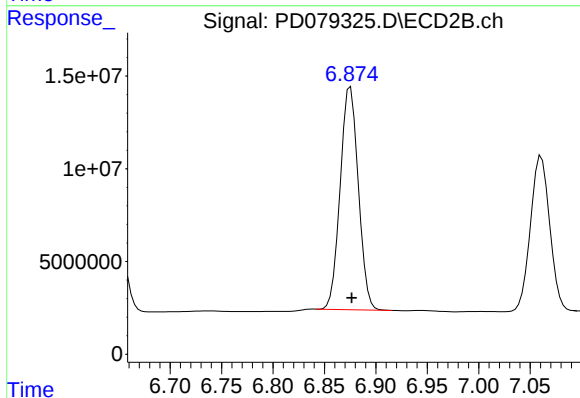
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 104881924
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

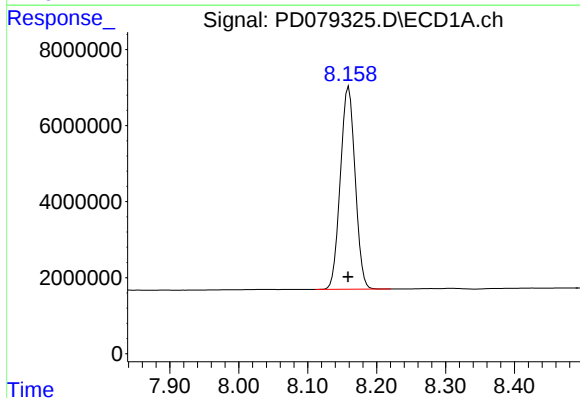
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



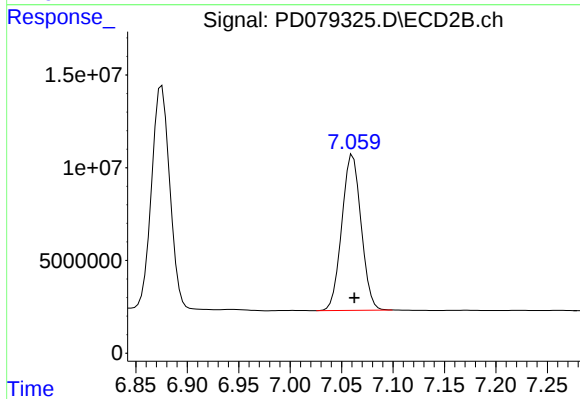
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 147354310
Conc: 52.71 ng/ml



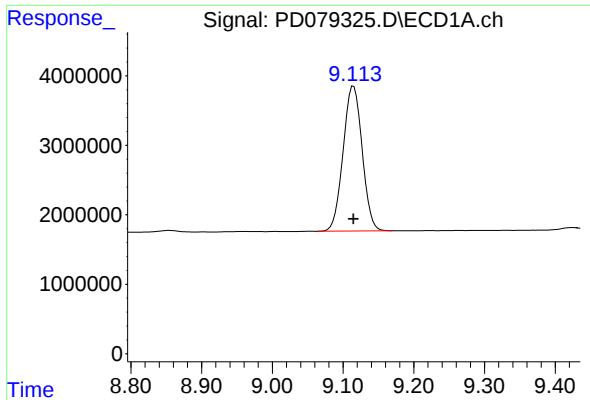
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 79509037
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 109613767
Conc: 51.31 ng/ml



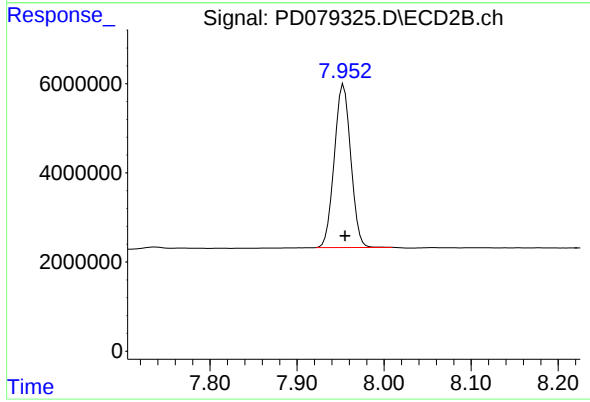
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 39048402
Conc: 19.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156793BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 48237477
Conc: 19.79 ng/ml