

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 18:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 22:13:50 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...	3.574	2.805	81934244	124.6E6	50.746	53.808
28)	SA Decachlor...	9.121	7.954	99415955	131.7E6	49.559	54.039
Target Compounds							
2)	A alpha-BHC	4.031	3.308	141.8E6	194.6E6	53.265	56.129
3)	MA gamma-BHC...	4.365	3.638	136.6E6	190.3E6	52.568	56.047
4)	MA Heptachlor	4.957	3.981	133.6E6	176.7E6	49.946	57.859
5)	MB Aldrin	5.301	4.262	134.0E6	182.9E6	52.021	55.908
6)	B beta-BHC	4.558	3.933	54738263	77872955	51.081	55.264
7)	B delta-BHC	4.807	4.165	140.4E6	194.1E6	52.453	57.979
8)	B Heptachlo...	5.727	4.764	120.2E6	166.4E6	51.285	56.111
9)	A Endosulfan I	6.114	5.133	111.0E6	145.9E6	51.200	55.105m
10)	B gamma-Chl...	5.982	5.013	118.3E6	163.5E6	51.589	56.980m
11)	B alpha-Chl...	6.063	5.078	117.2E6	159.8E6	51.403	55.699m
12)	B 4,4'-DDE	6.233	5.269	109.4E6	153.4E6	51.770	57.605
13)	MA Dieldrin	6.389	5.400	120.3E6	169.5E6	51.675	57.068
14)	MA Endrin	6.619	5.675	94456944	140.0E6	48.499	54.713
15)	B Endosulfa...	6.836	5.968	102.8E6	141.9E6	50.377	56.858
16)	A 4,4'-DDD	6.749	5.822	91456418	132.5E6	52.025	58.024
17)	MA 4,4'-DDT	7.065	6.074	91886849	127.0E6	48.523	55.487
18)	B Endrin al...	6.967	6.147	75826164	106.0E6	49.100	56.988
19)	B Endosulfa...	7.201	6.370	99868934	133.0E6	50.232	56.982
20)	A Methoxychlor	7.539	6.650	51641640	70840911	47.128	52.180
21)	B Endrin ke...	7.688	6.876	111.9E6	162.7E6	51.339	58.182
22)	Mirex	8.164	7.061	82925009	119.1E6	48.991	55.764

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 18:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

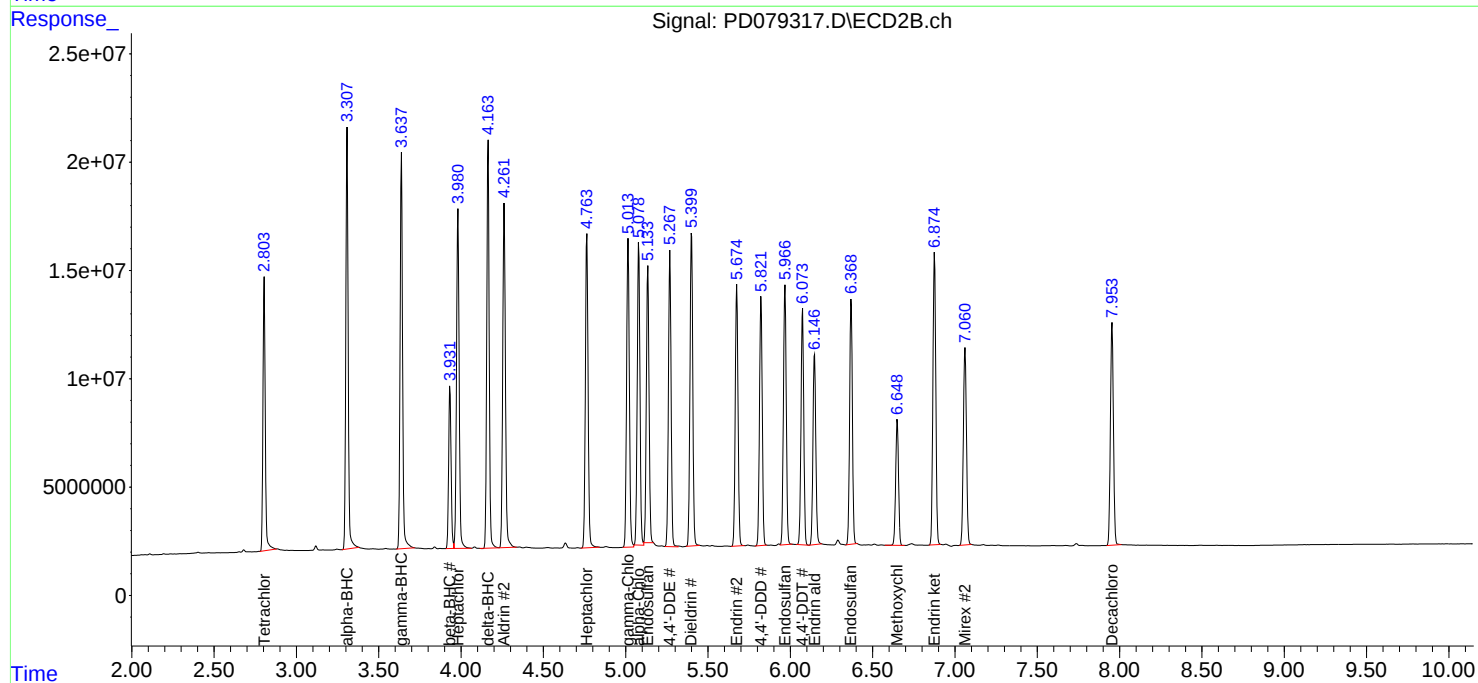
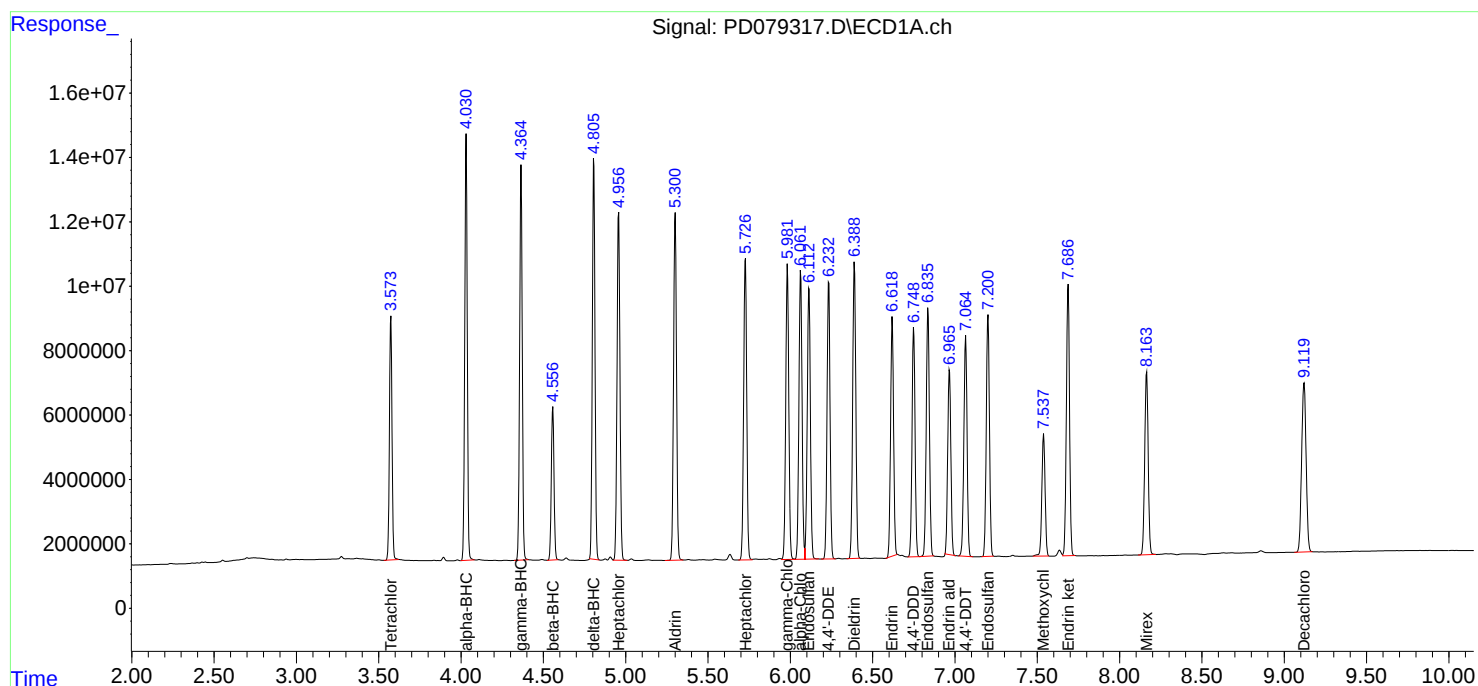
APPROVED

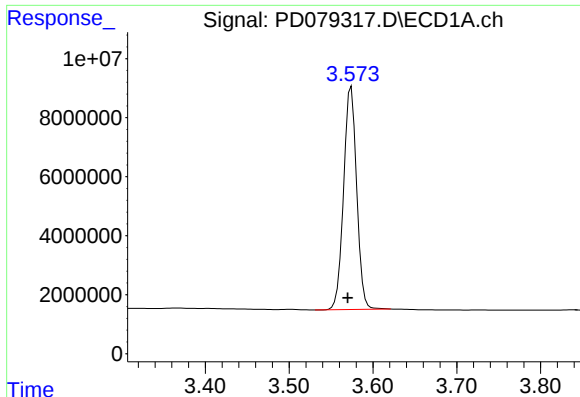
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:13:50 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





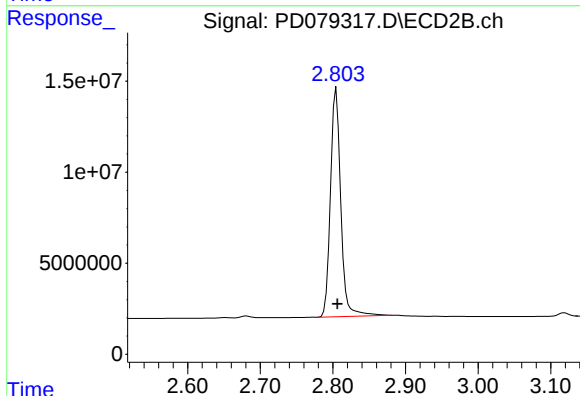
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.004 min
Response: 81934244
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

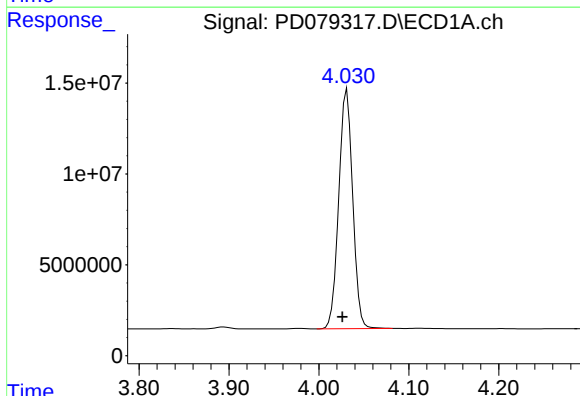
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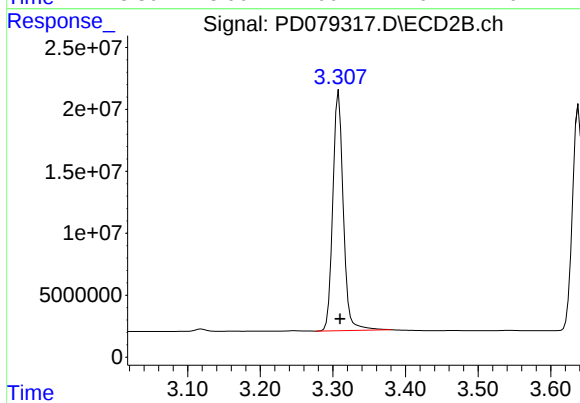
#1 Tetrachloro-m-xylene

R.T.: 2.805 min
Delta R.T.: -0.002 min
Response: 124581129
Conc: 53.81 ng/ml



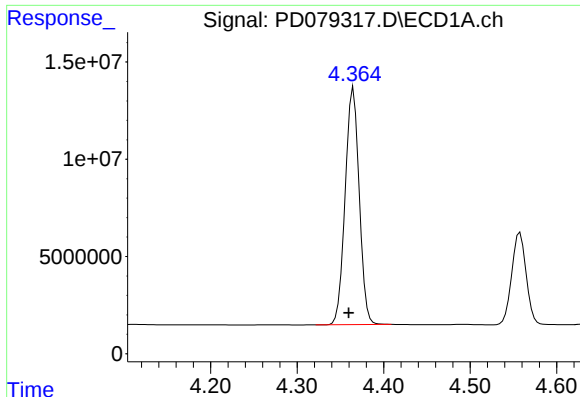
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.005 min
Response: 141794141
Conc: 53.26 ng/ml



#2 alpha-BHC

R.T.: 3.308 min
Delta R.T.: -0.002 min
Response: 194622493
Conc: 56.13 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.006 min
Response: 136614756
Conc: 52.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

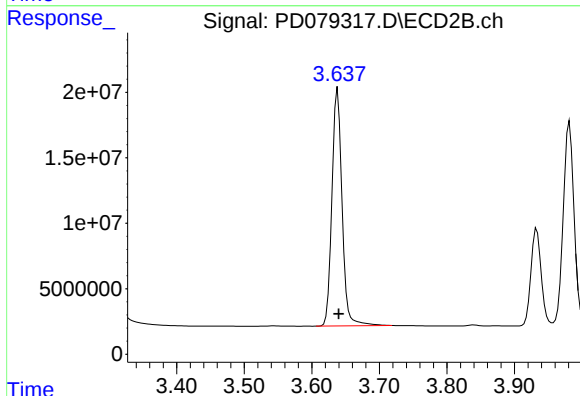
PSTDCCC050

Manual Integrations

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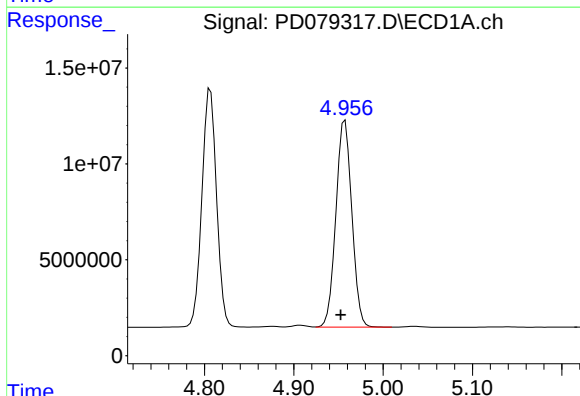
Reviewed By :Abdul Mirza 11/01/2023

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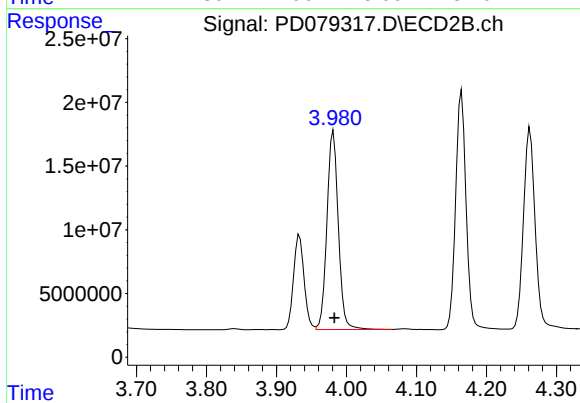
#3 gamma-BHC (Lindane)

R.T.: 3.638 min
Delta R.T.: -0.001 min
Response: 190323319
Conc: 56.05 ng/ml



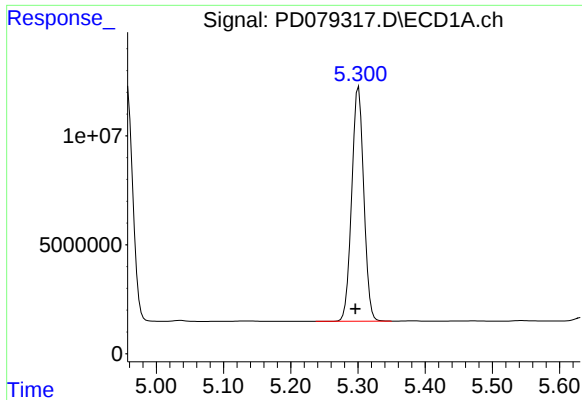
#4 Heptachlor

R.T.: 4.957 min
Delta R.T.: 0.005 min
Response: 133603446
Conc: 49.95 ng/ml



#4 Heptachlor

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 176707929
Conc: 57.86 ng/ml



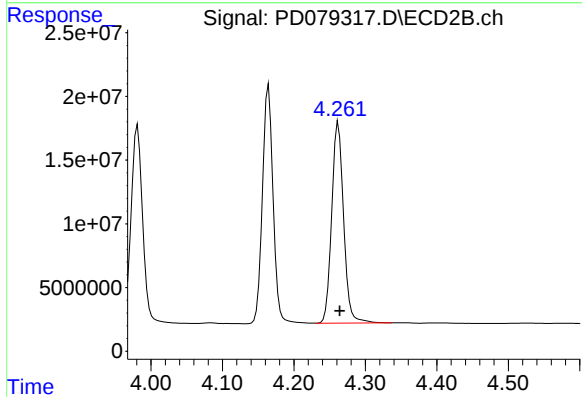
#5 Aldrin

R.T.: 5.301 min
Delta R.T.: 0.005 min
Response: 134047933
Conc: 52.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

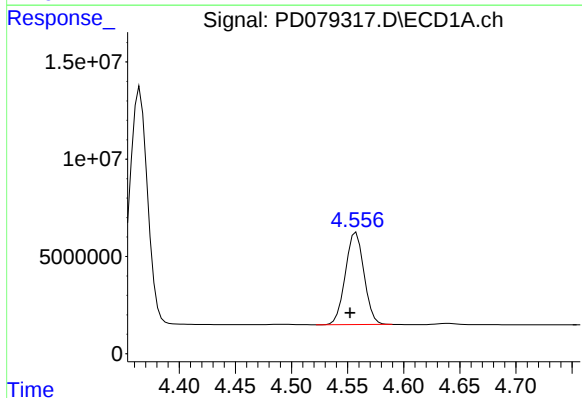
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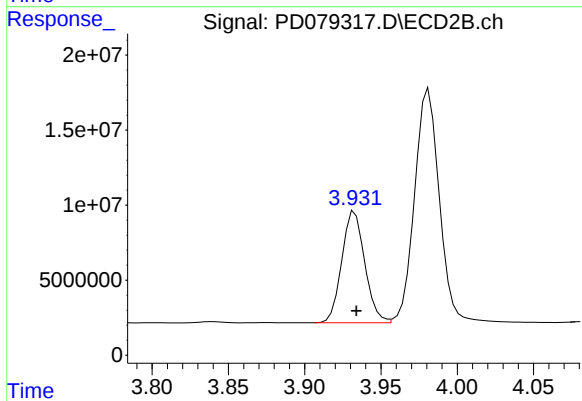
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 182894690
Conc: 55.91 ng/ml



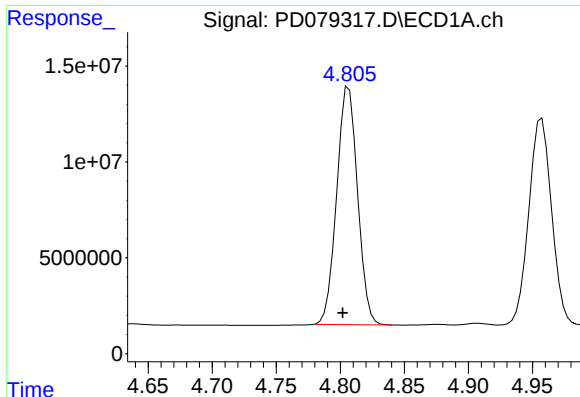
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.005 min
Response: 54738263
Conc: 51.08 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 77872955
Conc: 55.26 ng/ml



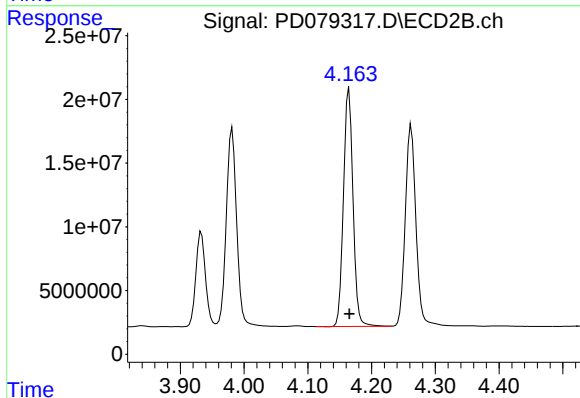
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: 0.005 min
Response: 140421175
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

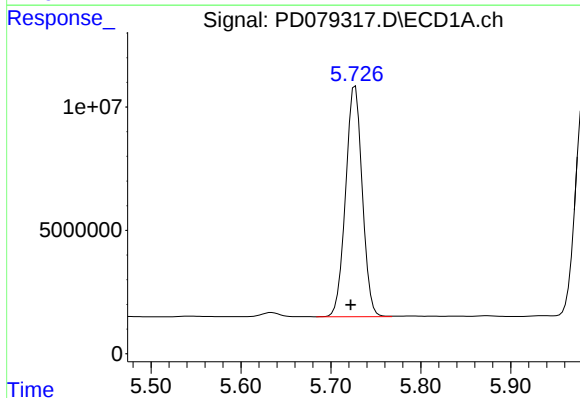
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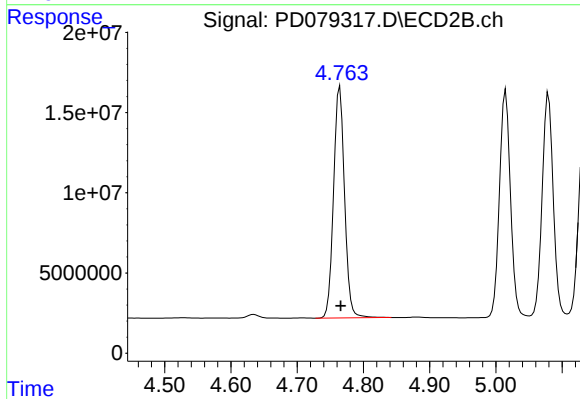
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 194127655
Conc: 57.98 ng/ml



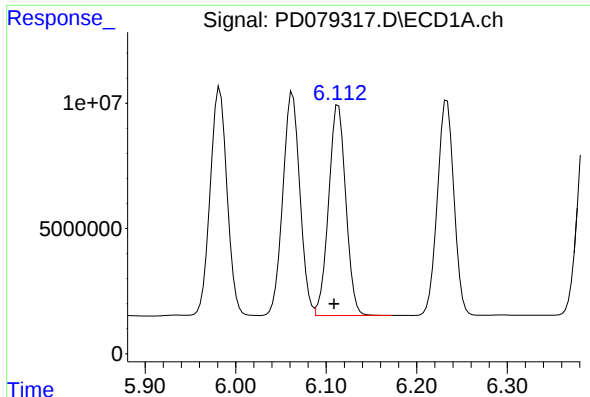
#8 Heptachlor epoxide

R.T.: 5.727 min
Delta R.T.: 0.005 min
Response: 120195109
Conc: 51.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 166352269
Conc: 56.11 ng/ml



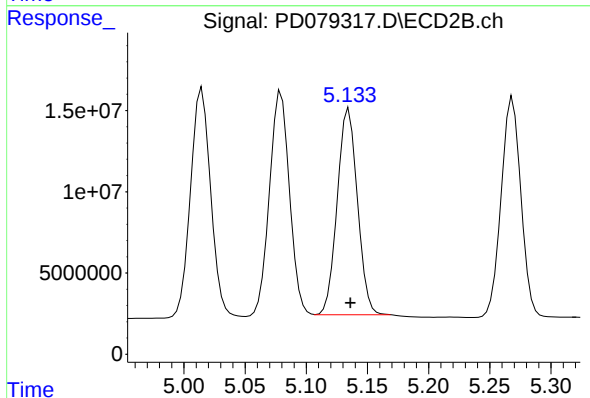
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: 0.005 min
Response: 110999268
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

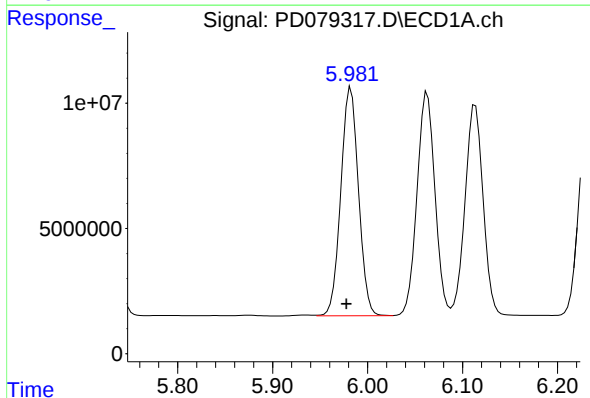
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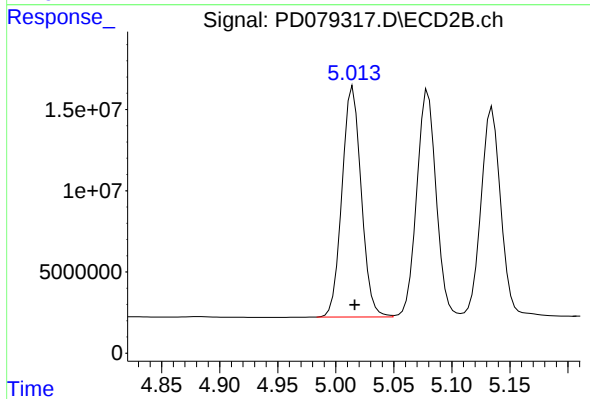
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 145902672
Conc: 55.11 ng/ml m



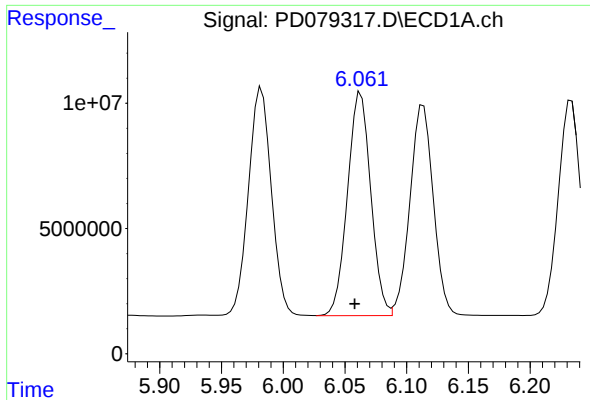
#10 gamma-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 118279446
Conc: 51.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 163501445
Conc: 56.98 ng/ml m



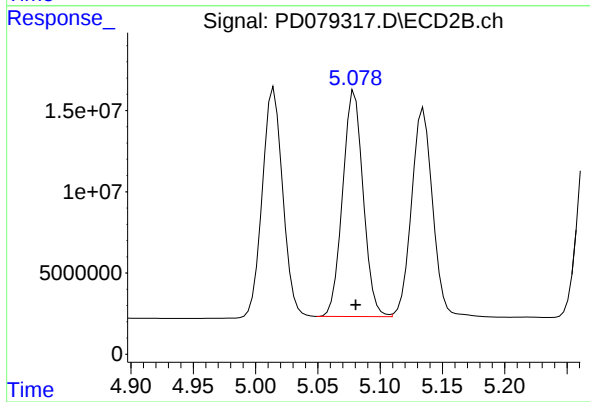
#11 alpha-Chlordane

R.T.: 6.063 min
Delta R.T.: 0.005 min
Response: 117208956
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

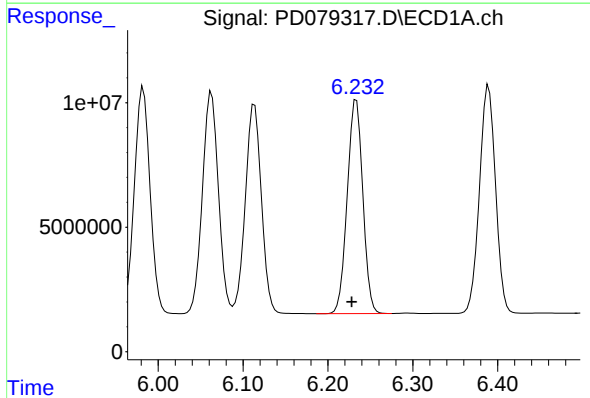
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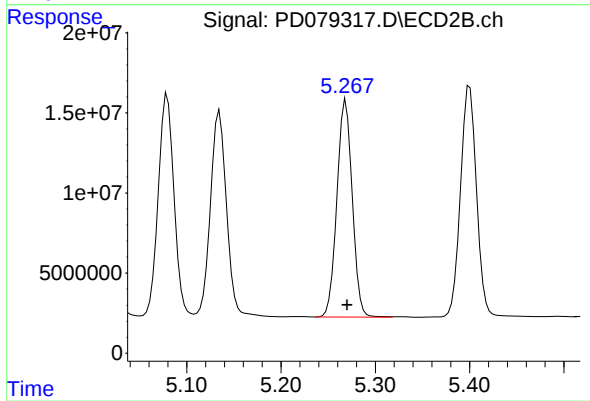
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 159847060
Conc: 55.70 ng/ml m



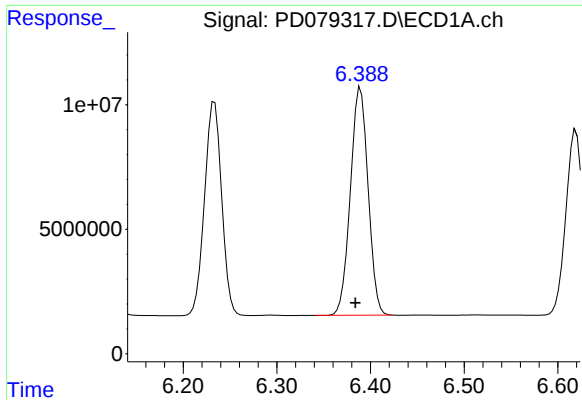
#12 4,4'-DDE

R.T.: 6.233 min
Delta R.T.: 0.005 min
Response: 109394204
Conc: 51.77 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 153366172
Conc: 57.60 ng/ml



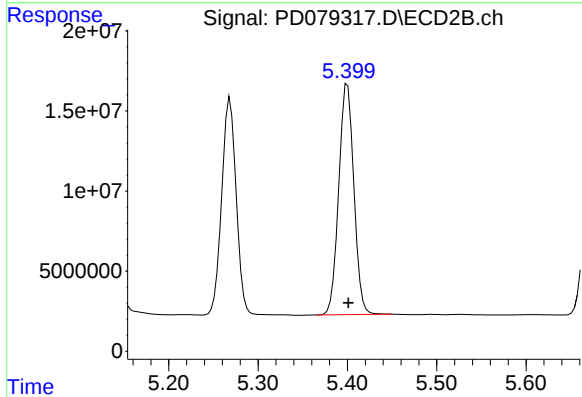
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: 0.005 min
Response: 120342467
Conc: 51.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

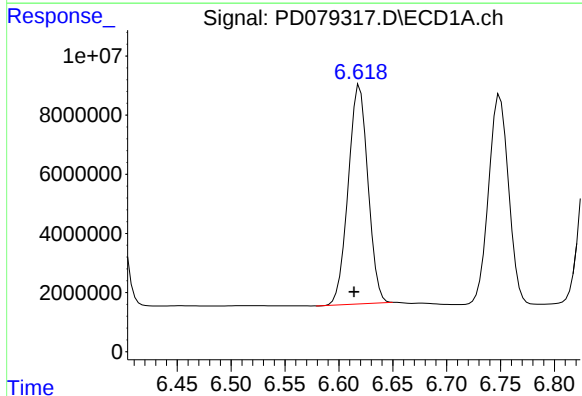
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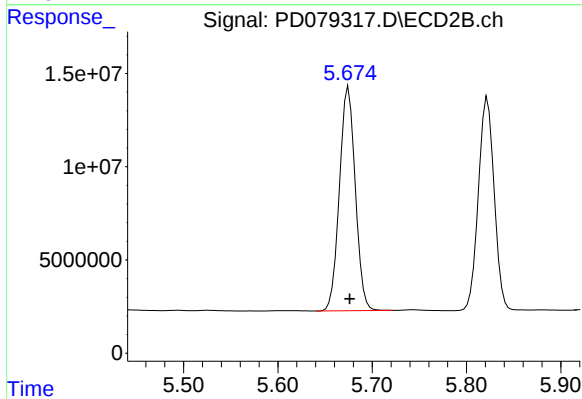
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 169485718
Conc: 57.07 ng/ml



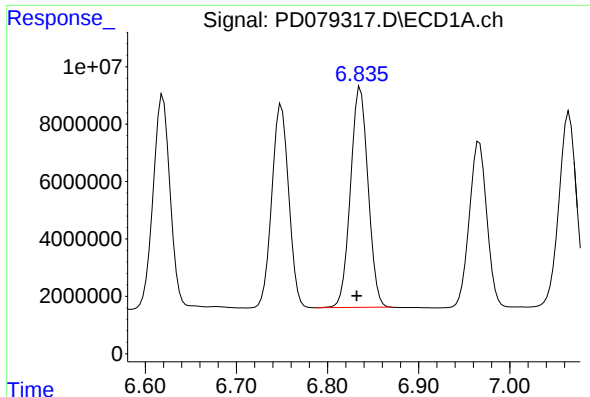
#14 Endrin

R.T.: 6.619 min
Delta R.T.: 0.005 min
Response: 94456944
Conc: 48.50 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 140016839
Conc: 54.71 ng/ml



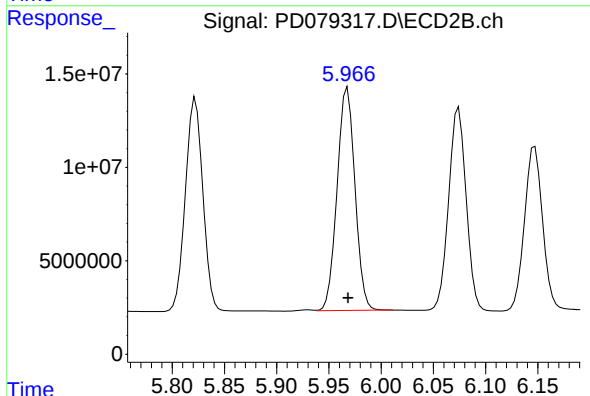
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 102750060
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

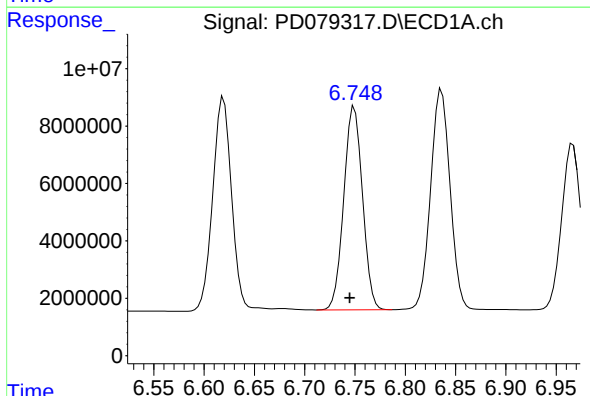
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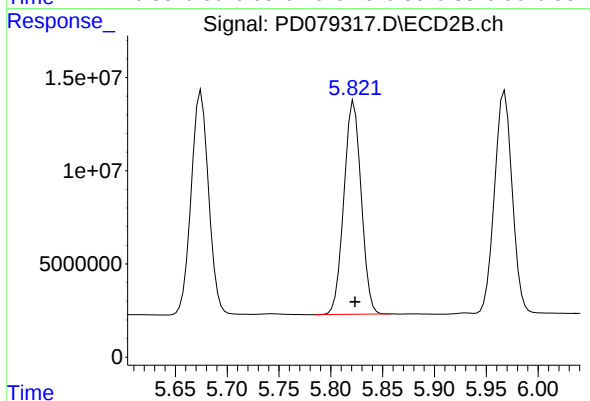
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 141947356
Conc: 56.86 ng/ml



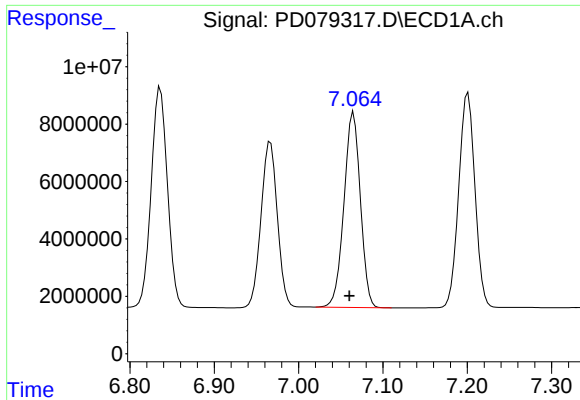
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.005 min
Response: 91456418
Conc: 52.02 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 132541823
Conc: 58.02 ng/ml



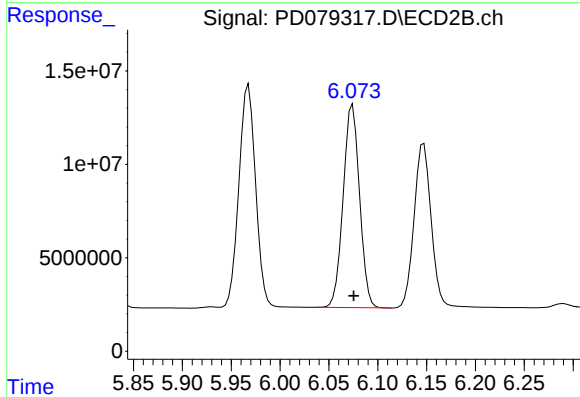
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.005 min
Response: 91886849
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

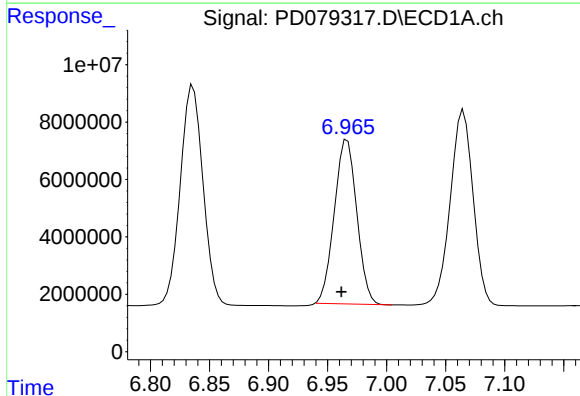
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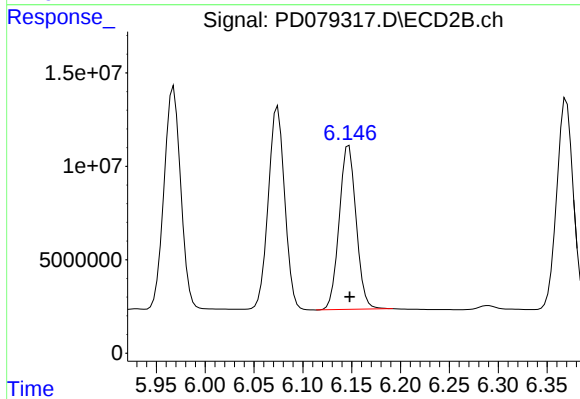
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 127030721
Conc: 55.49 ng/ml



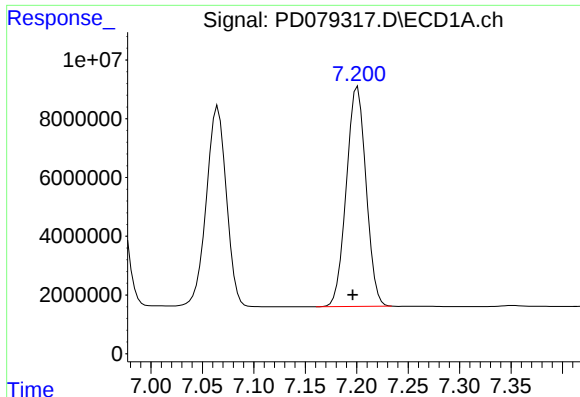
#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: 0.005 min
Response: 75826164
Conc: 49.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 105957737
Conc: 56.99 ng/ml



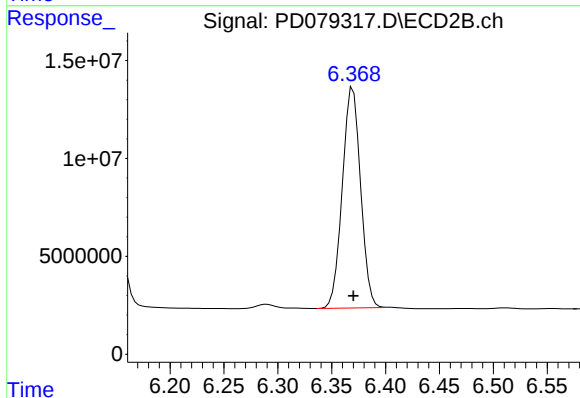
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.005 min
Response: 99868934
Conc: 50.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

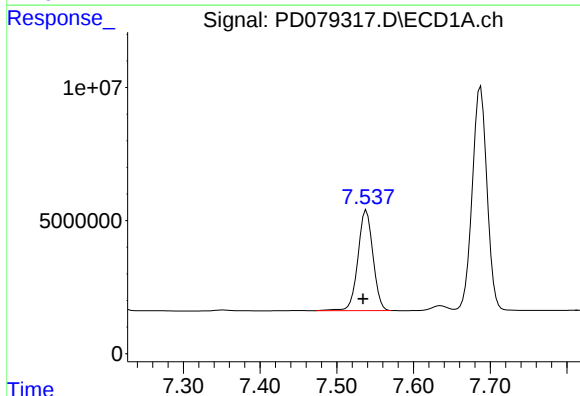
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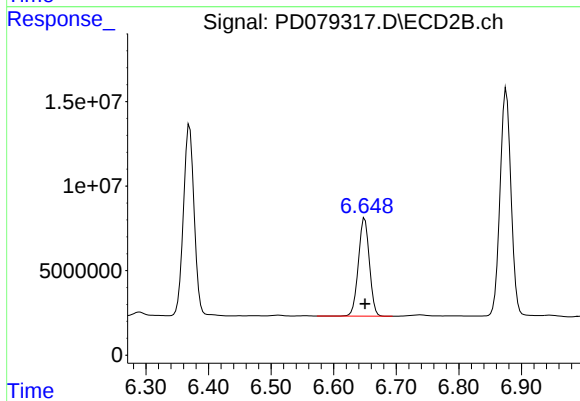
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 133043852
Conc: 56.98 ng/ml



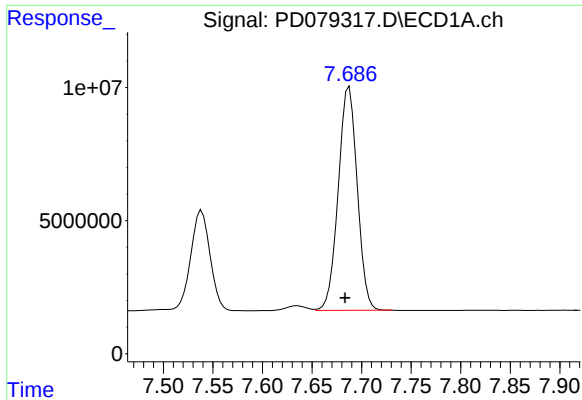
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 51641640
Conc: 47.13 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 70840911
Conc: 52.18 ng/ml



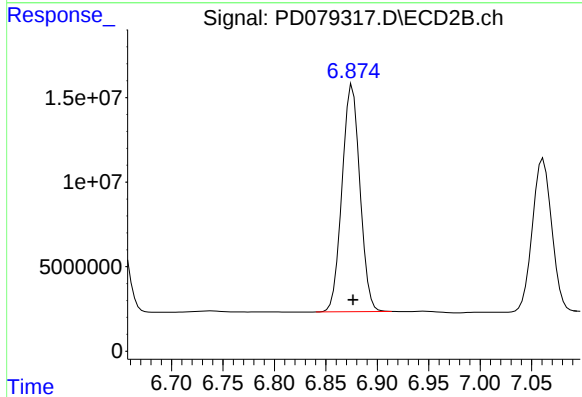
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.004 min
Response: 111928180
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

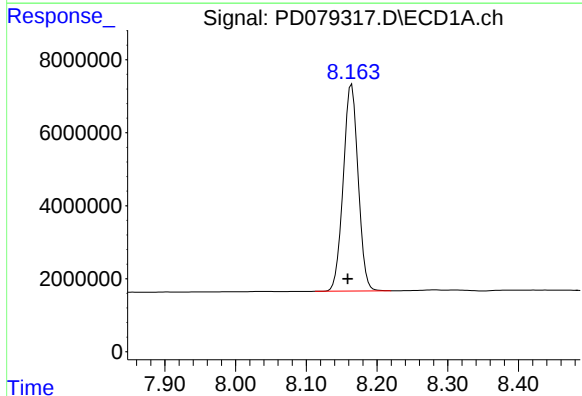
Manual Integrations
APPROVED

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



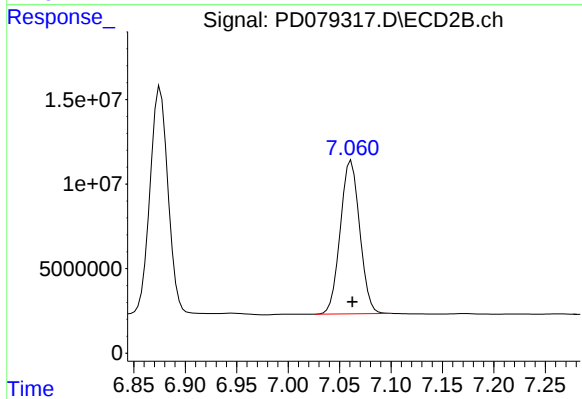
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 162660311
Conc: 58.18 ng/ml



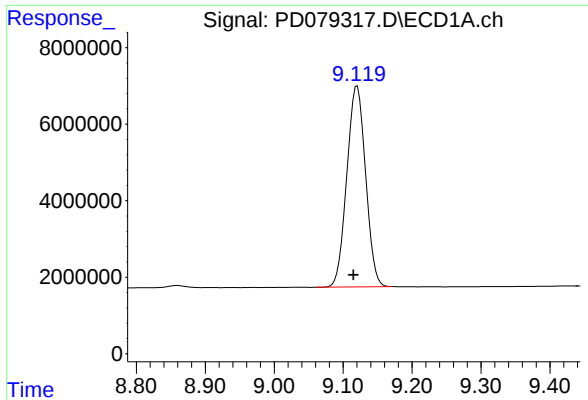
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 82925009
Conc: 48.99 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 119130276
Conc: 55.76 ng/ml



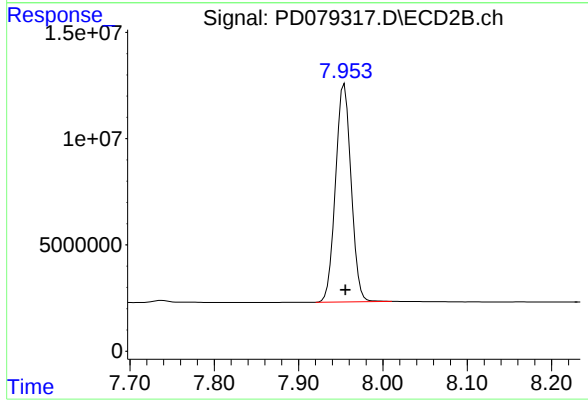
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.006 min
Response: 99415955
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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.: -0.001 min
Response: 131718436
Conc: 54.04 ng/ml