

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 11:04
 Operator : AR\AJ
 Sample : PB158965BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158965BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/14/2024
 Supervised By : Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:29:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.566	2.795	31331901	54742033	22.071	22.884
28)	SA Decachlor...	9.121	7.936	43729085	57601464	21.729	21.625
Target Compounds							
2)	A alpha-BHC	4.024	3.296	113.3E6	178.3E6	45.601	46.479
3)	MA gamma-BHC...	4.357	3.626	112.1E6	169.8E6	45.820	45.403
4)	MA Heptachlor	4.951	3.967	122.8E6	164.1E6	49.785	47.591
5)	MB Aldrin	5.294	4.248	121.9E6	164.9E6	49.649	45.270
6)	B beta-BHC	4.552	3.922	47705472	70388180	47.147	45.046
7)	B delta-BHC	4.802	4.152	116.2E6	166.4E6	46.328	44.326
8)	B Heptachlo...	5.722	4.749	113.0E6	148.7E6	50.468	44.398
9)	A Endosulfan I	6.108	5.119	108.2E6	139.3E6	52.163	45.468
10)	B gamma-Chl...	5.977	4.999	115.1E6	150.8E6	52.577	46.088
11)	B alpha-Chl...	6.057	5.064	113.7E6	148.6E6	52.201	45.441
12)	B 4,4'-DDE	6.229	5.252	108.8E6	142.0E6	53.448	46.349
13)	MA Dieldrin	6.384	5.384	108.3E6	155.0E6	49.032	45.581
14)	MA Endrin	6.613	5.660	82238395	137.4E6	44.031m	46.376
15)	B Endosulfa...	6.833	5.953	90701665	133.2E6	46.840	46.309
16)	A 4,4'-DDD	6.746	5.806	77758954	121.0E6	47.324	46.107
17)	MA 4,4'-DDT	7.062	6.058	88577493	122.1E6	49.738	46.040
18)	B Endrin al...	6.963	6.132	71955127	102.4E6	47.303	45.422
19)	B Endosulfa...	7.198	6.354	90137456	127.6E6	47.472	45.735
20)	A Methoxychlor	7.537	6.633	46678347	67575430	45.351	43.172
21)	B Endrin ke...	7.685	6.861	97830032	148.3E6	46.781	45.965
22)	Mirex	8.162	7.045	70721515	110.4E6	42.878	43.822

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 11:04
Operator : AR\AJ
Sample : PB158965BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158965BS

Manual Integrations

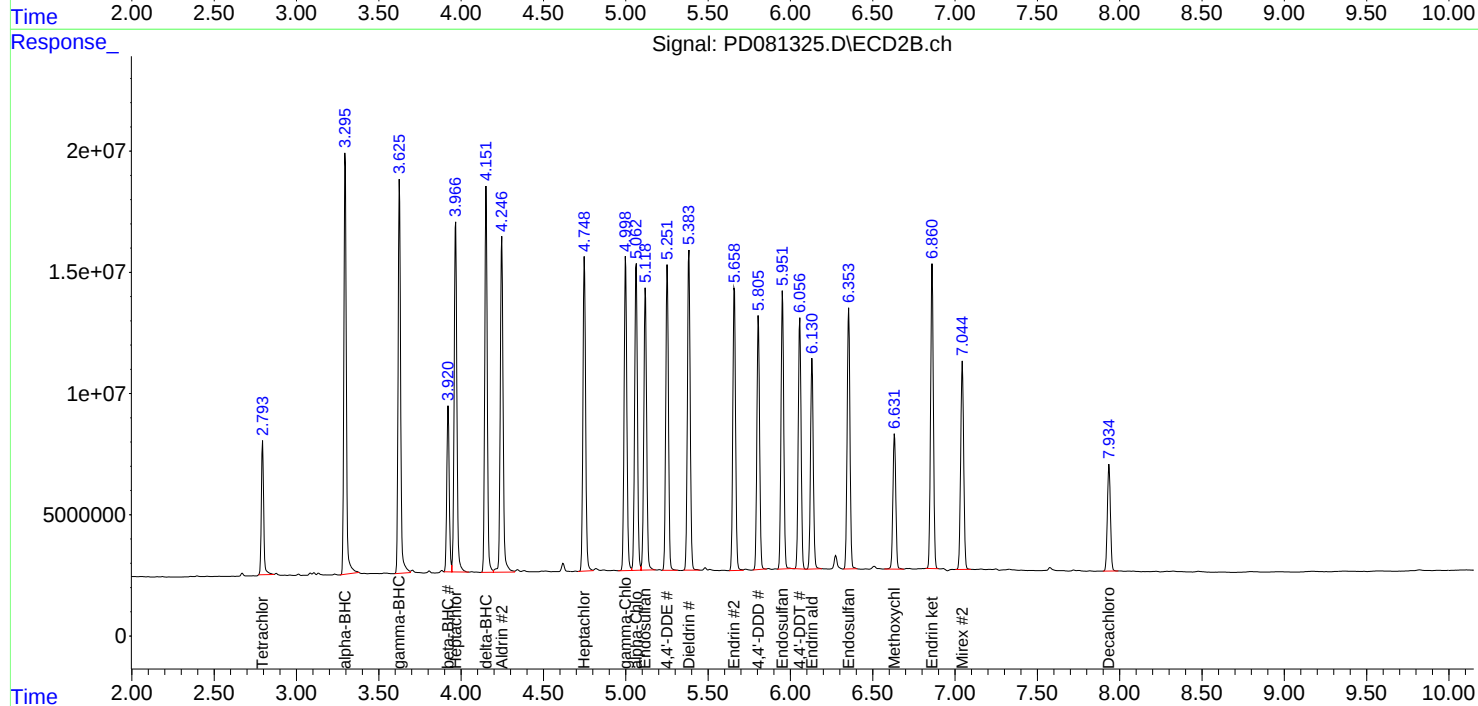
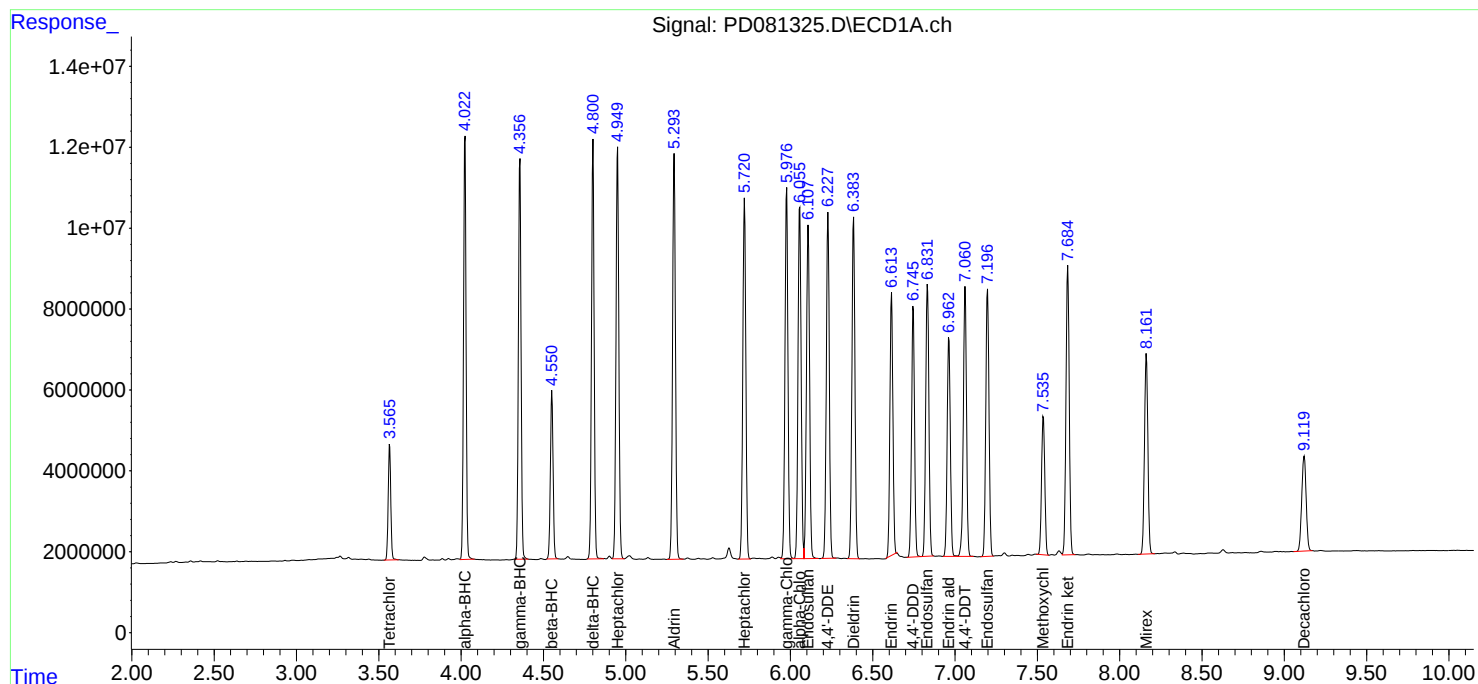
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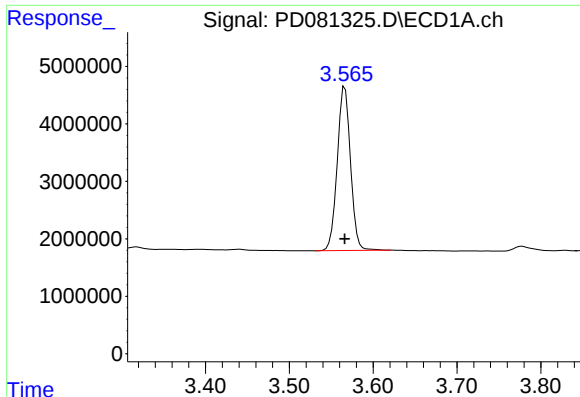
Reviewed By :Abdul Mirza 02/14/2024

Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:29:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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





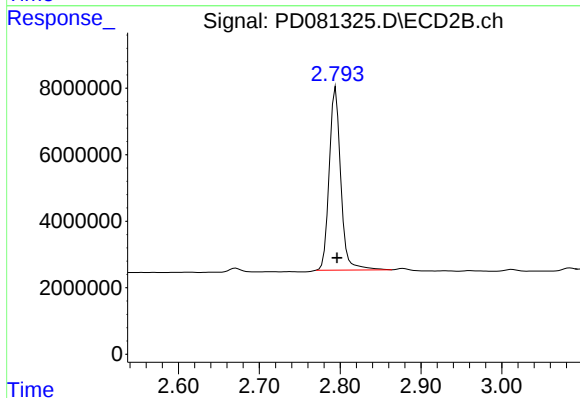
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31331901
Conc: 22.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

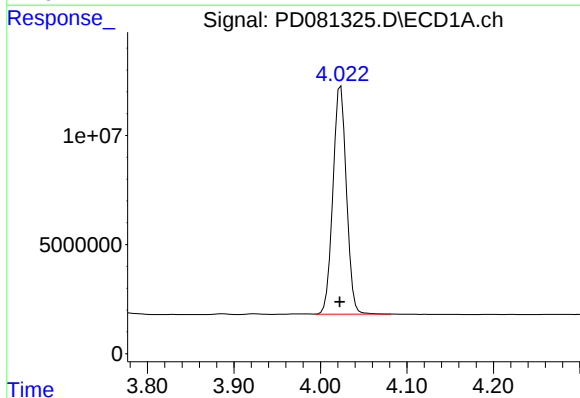
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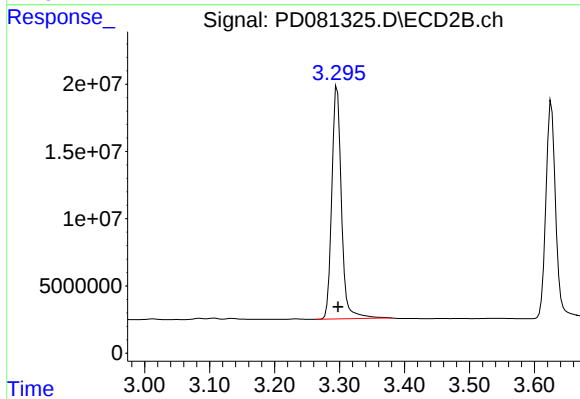
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 54742033
Conc: 22.88 ng/ml



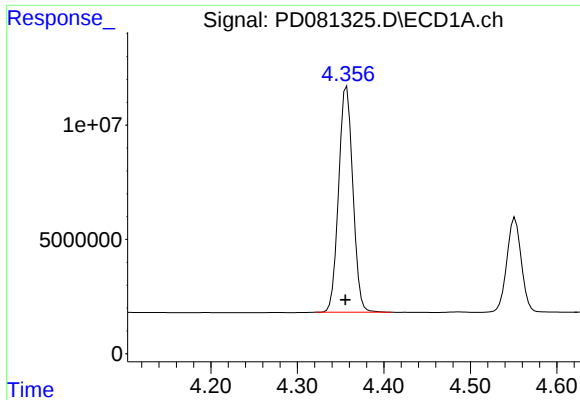
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 113264786
Conc: 45.60 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 178341888
Conc: 46.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 112148778
Conc: 45.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

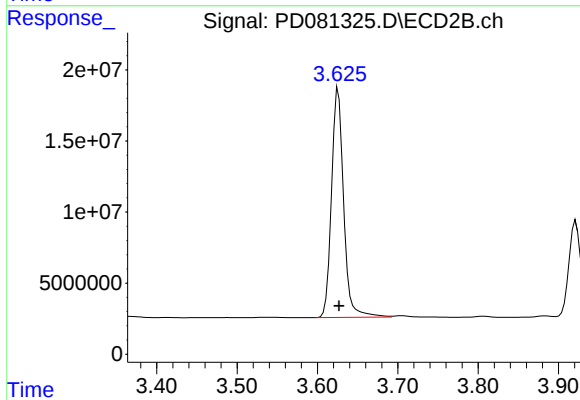
PB158965BS

Manual Integrations

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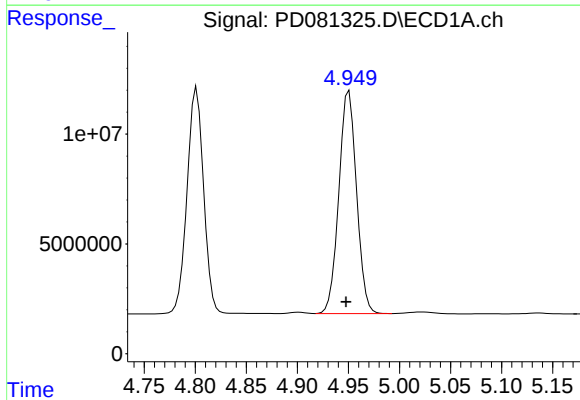
Reviewed By :Abdul Mirza 02/14/2024

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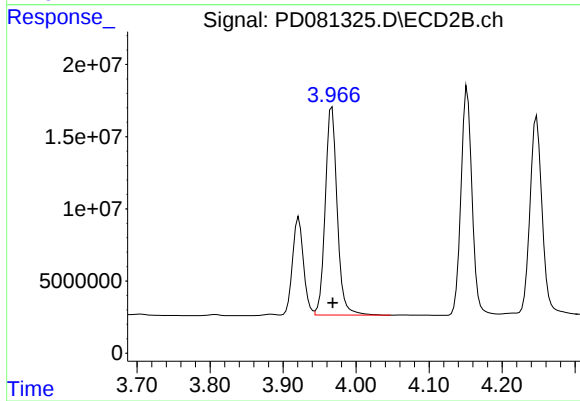
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 169757418
Conc: 45.40 ng/ml



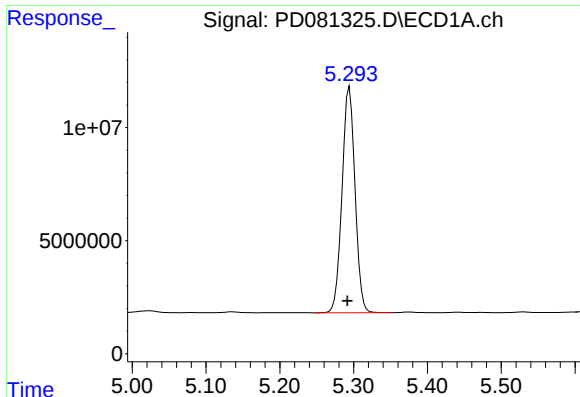
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 122787892
Conc: 49.78 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 164098951
Conc: 47.59 ng/ml



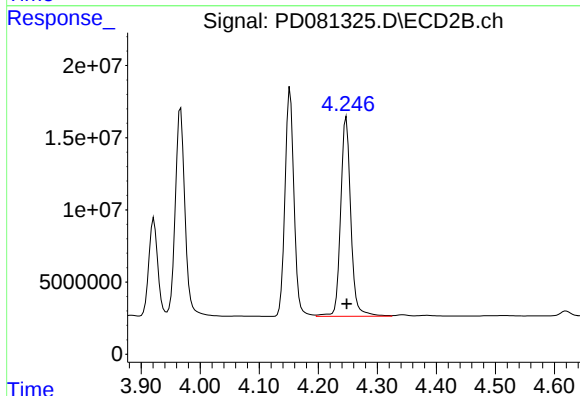
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.003 min
Response: 121868334
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

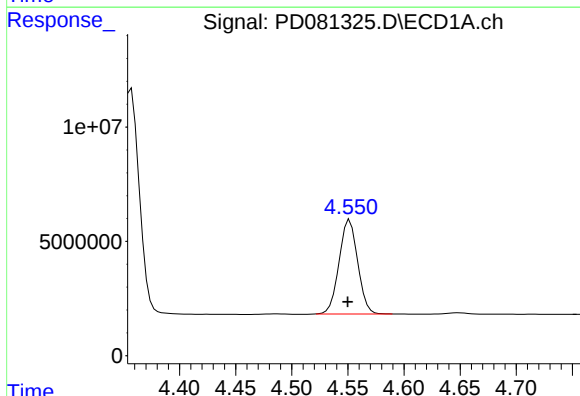
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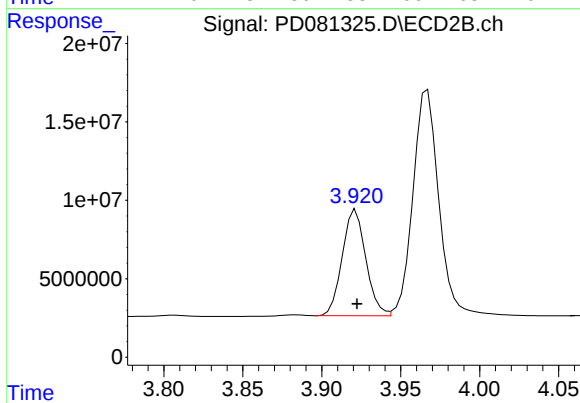
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 164871813
Conc: 45.27 ng/ml



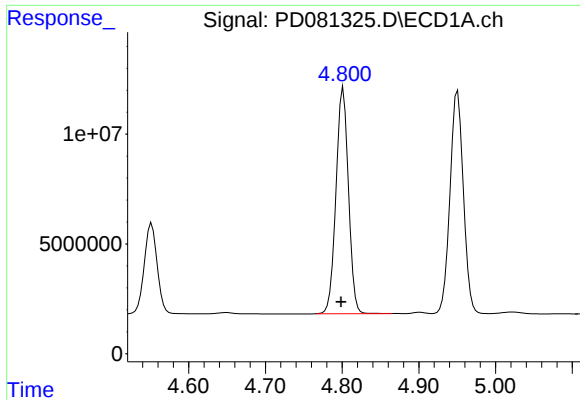
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 47705472
Conc: 47.15 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 70388180
Conc: 45.05 ng/ml



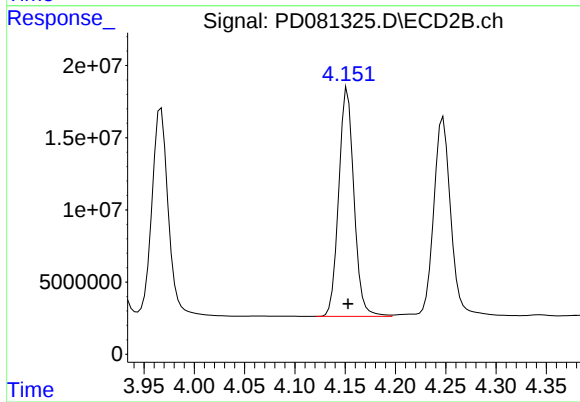
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.003 min
Response: 116228079
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

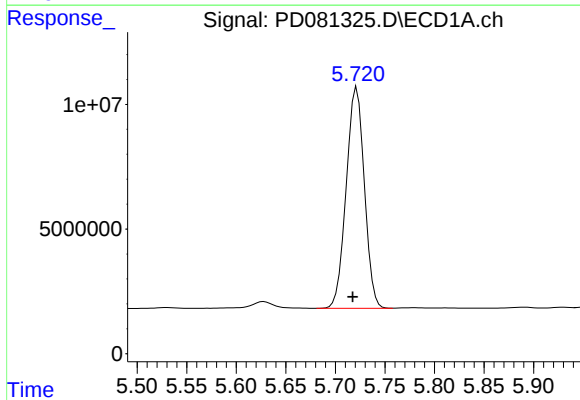
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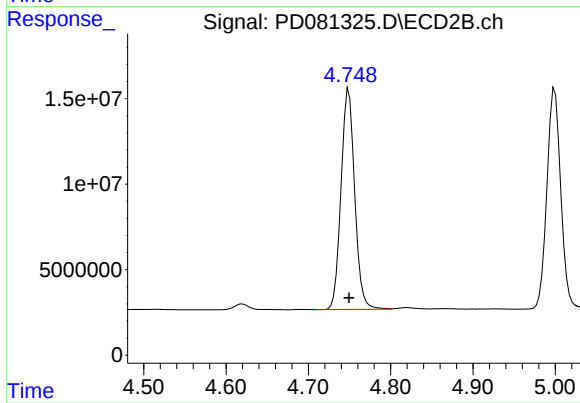
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 166356733
Conc: 44.33 ng/ml



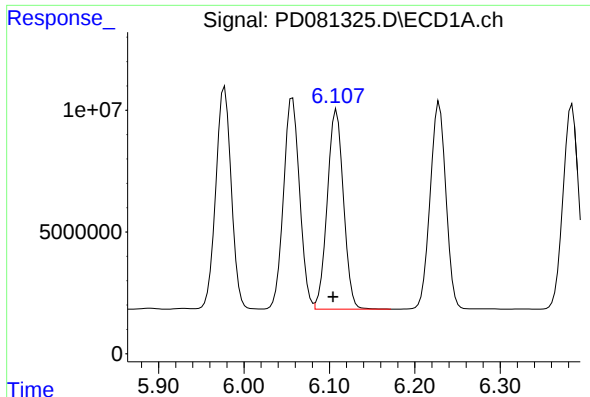
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.004 min
Response: 113007829
Conc: 50.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 148709707
Conc: 44.40 ng/ml



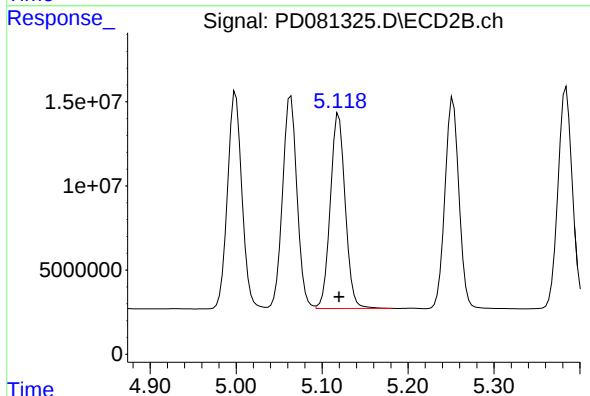
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.004 min
Response: 108189020
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

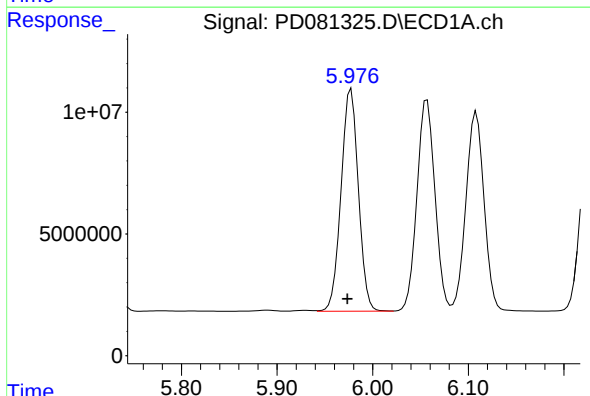
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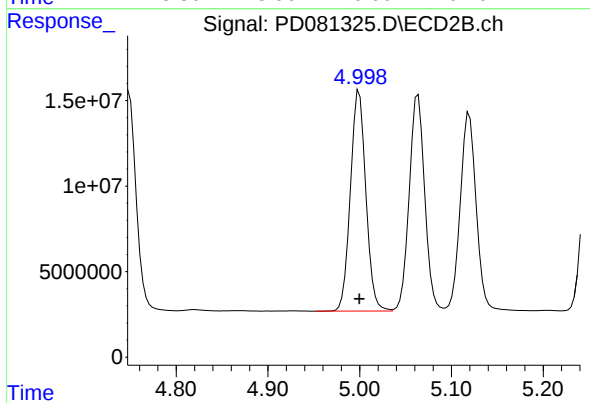
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 139258573
Conc: 45.47 ng/ml



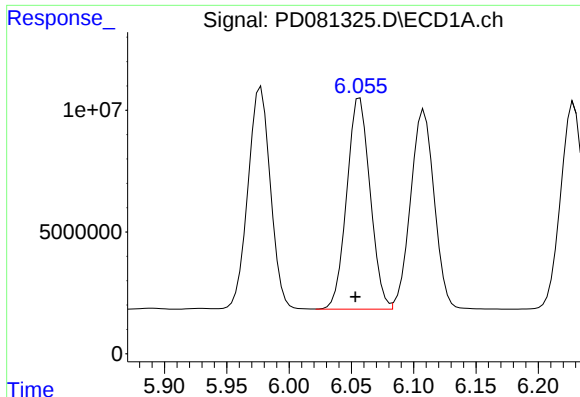
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 115096334
Conc: 52.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 150755523
Conc: 46.09 ng/ml



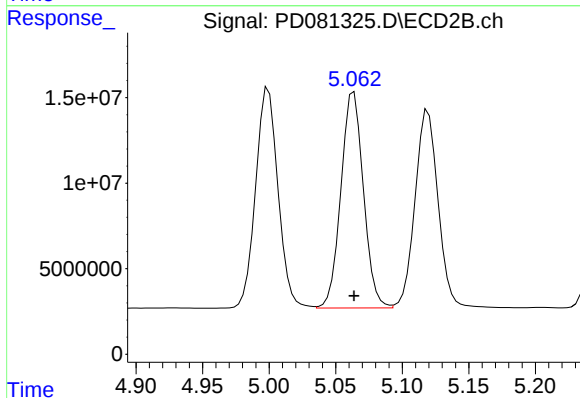
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.004 min
Response: 113662383
Conc: 52.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

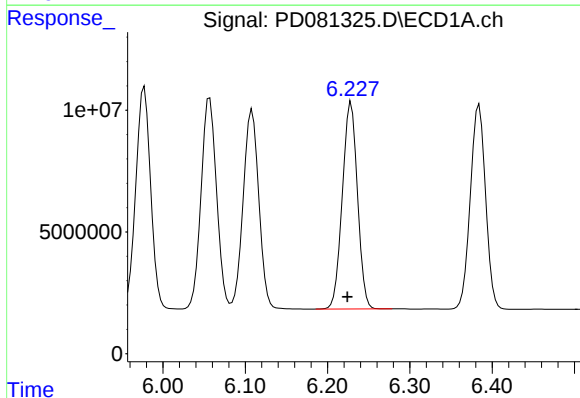
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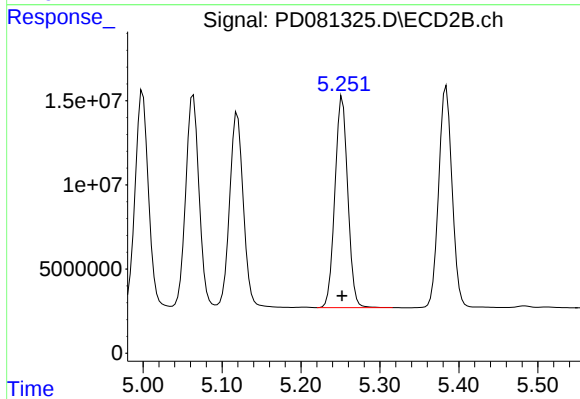
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 148570728
Conc: 45.44 ng/ml



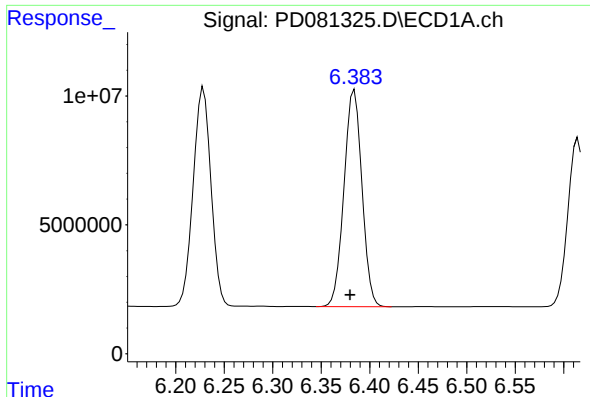
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 108760270
Conc: 53.45 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 141978372
Conc: 46.35 ng/ml



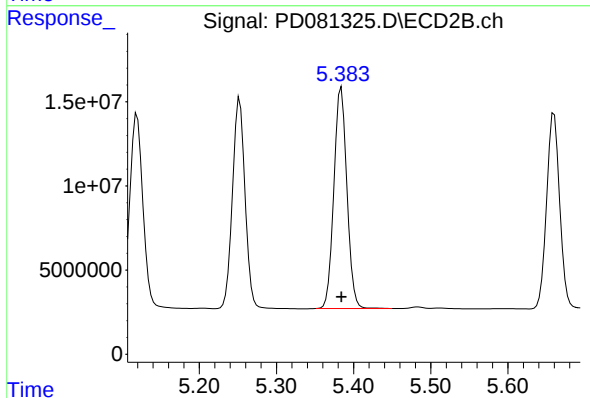
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 108346311
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

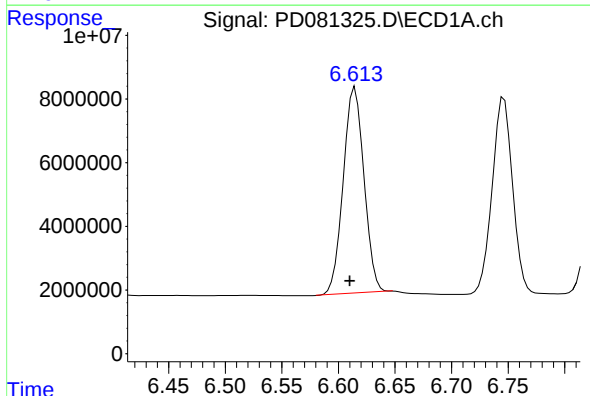
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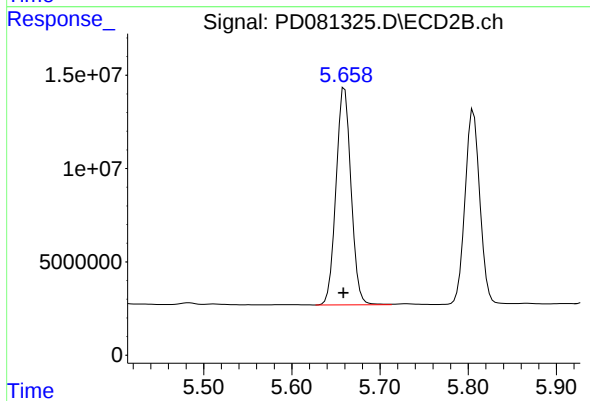
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 155012229
Conc: 45.58 ng/ml



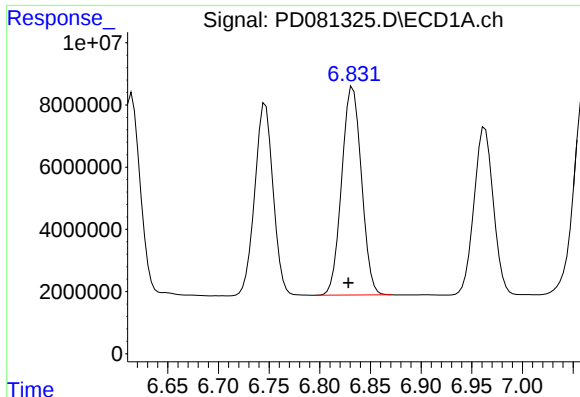
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 82238395
Conc: 44.03 ng/ml m



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 137429398
Conc: 46.38 ng/ml



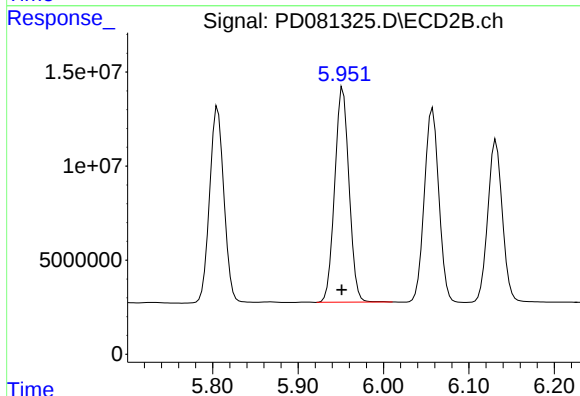
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.004 min
Response: 90701665
Conc: 46.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

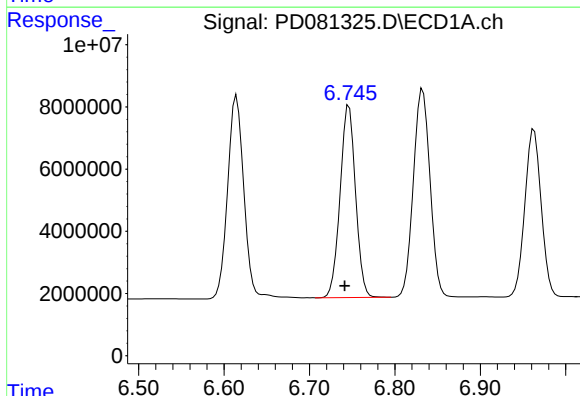
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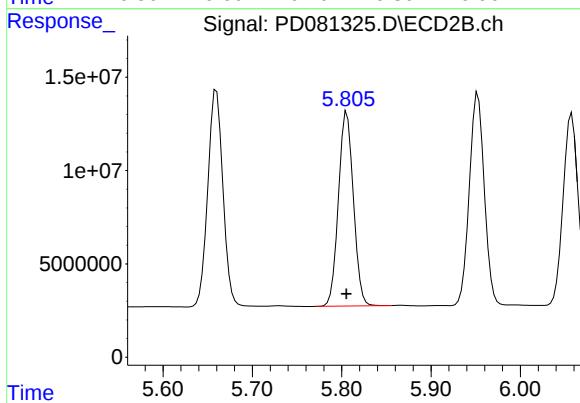
#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 133179402
Conc: 46.31 ng/ml



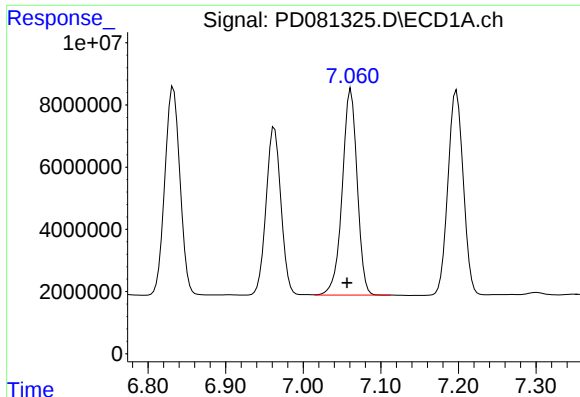
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.005 min
Response: 77758954
Conc: 47.32 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 121042205
Conc: 46.11 ng/ml



#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.005 min
Response: 88577493
Conc: 49.74 ng/ml

Instrument :

ECD_D

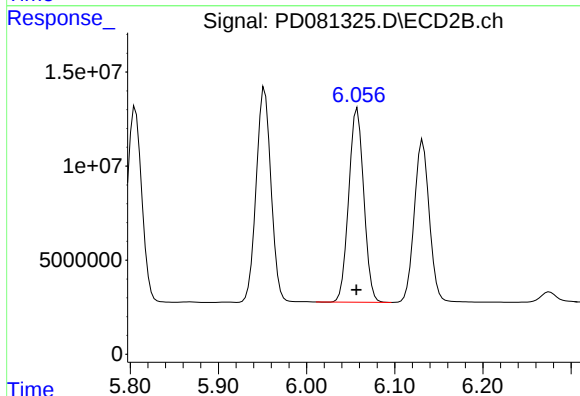
ClientSampleId :

PB158965BS

Manual Integrations

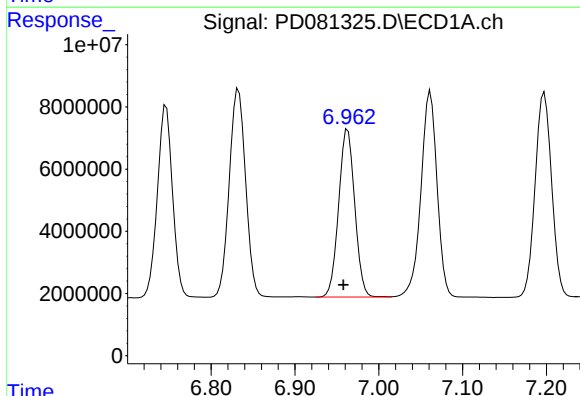
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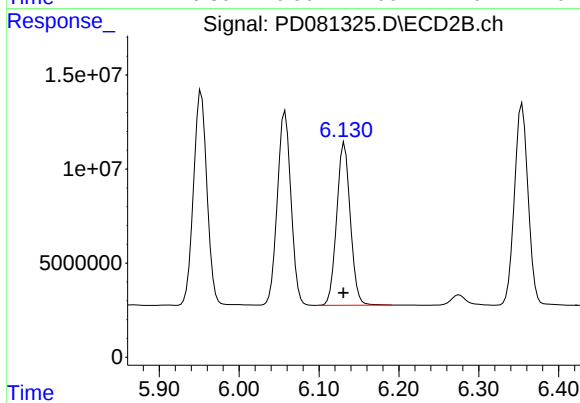
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 122148108
Conc: 46.04 ng/ml



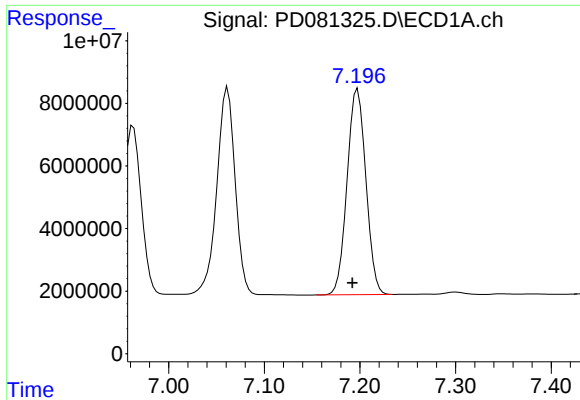
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.005 min
Response: 71955127
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 102411196
Conc: 45.42 ng/ml



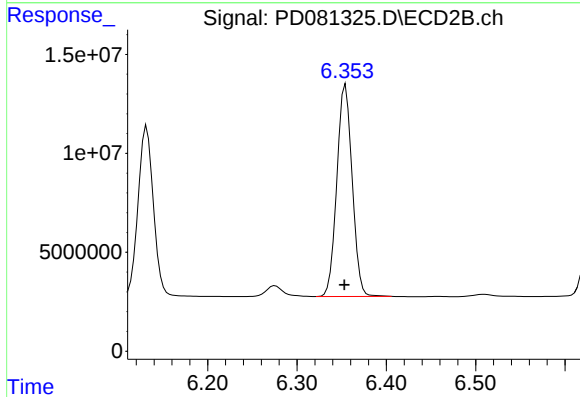
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.006 min
Response: 90137456
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

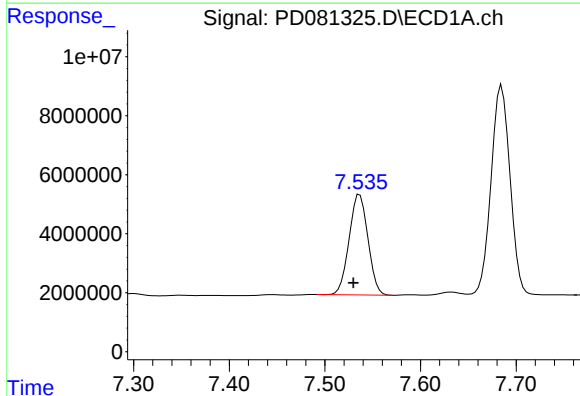
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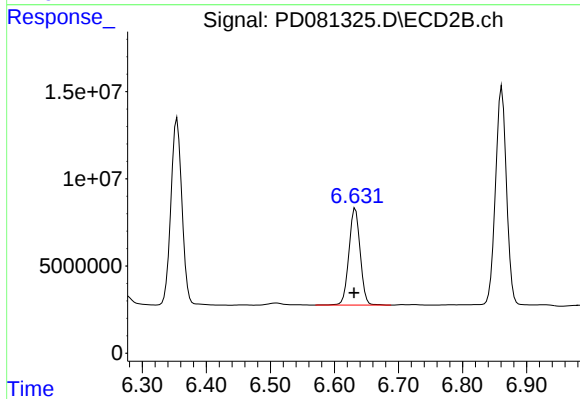
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 127573258
Conc: 45.74 ng/ml



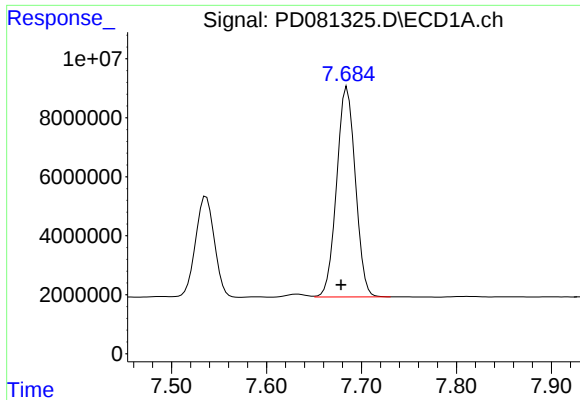
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.006 min
Response: 46678347
Conc: 45.35 ng/ml



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 67575430
Conc: 43.17 ng/ml



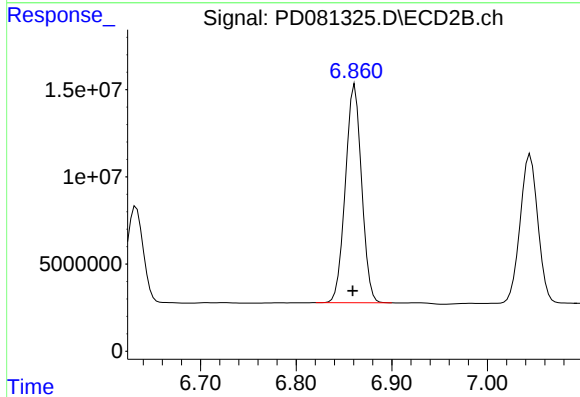
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.006 min
Response: 97830032
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

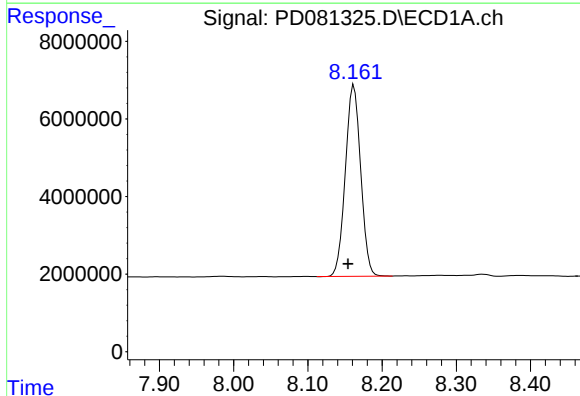
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/14/2024
Supervised By :Ankita Jodhani 02/14/2024



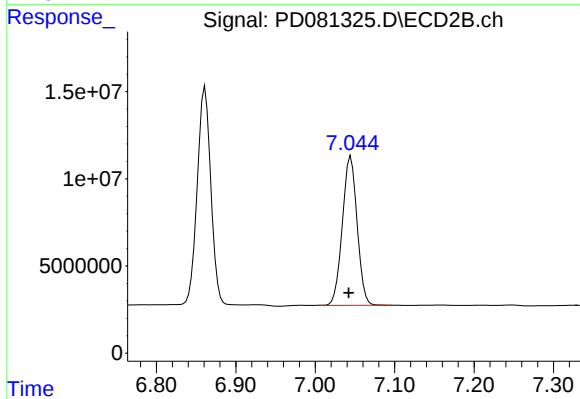
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.002 min
Response: 148330932
Conc: 45.97 ng/ml



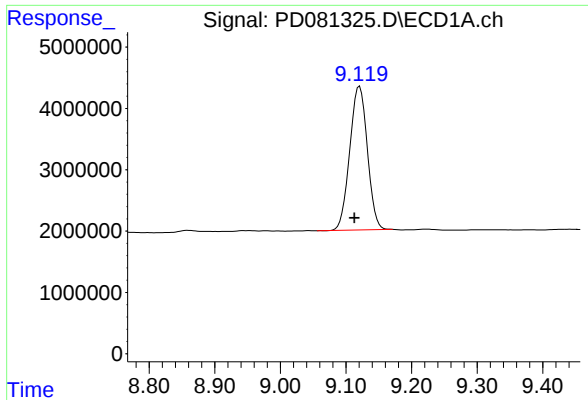
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.008 min
Response: 70721515
Conc: 42.88 ng/ml



#22 Mirex

R.T.: 7.045 min
Delta R.T.: 0.003 min
Response: 110428934
Conc: 43.82 ng/ml



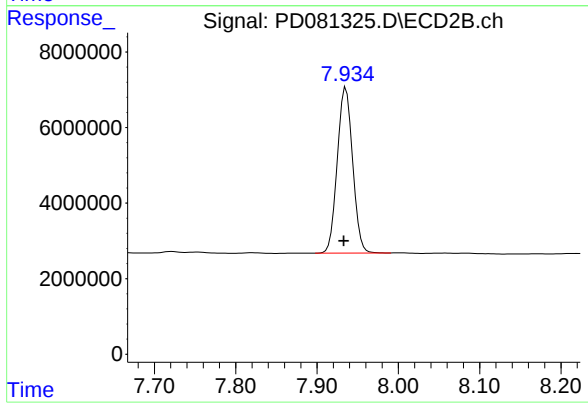
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.008 min
Response: 43729085
Conc: 21.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158965BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.003 min
Response: 57601464
Conc: 21.63 ng/ml