

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 10:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 11:02:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.547	2.767	114.2E6	56438462	53.634	52.020
28)	SA Decachlor...	9.090	7.913	133.3E6	51163099	52.625	52.325
Target Compounds							
2)	A alpha-BHC	4.004	3.270	203.9E6	84662426	55.215	52.922
3)	MA gamma-BHC...	4.337	3.599	186.8E6	78440076	55.525	53.236
4)	MA Heptachlor	4.929	3.940	195.6E6	78847627	54.544	51.913
5)	MB Aldrin	5.271	4.220	191.7E6	77711447	54.713	52.114
6)	B beta-BHC	4.533	3.896	76647774	32955339	53.312	51.702
7)	B delta-BHC	4.782	4.127	186.9E6	77630925	56.239	53.576
8)	B Heptachlo...	5.699	4.723	172.9E6	70869935	53.651	51.593
9)	A Endosulfan I	6.086	5.093	160.7E6	66413808	53.585	51.959
10)	B gamma-Chl...	5.956	4.973	175.7E6	71494246	54.542	52.105
11)	B alpha-Chl...	6.035	5.038	173.6E6	71070260	53.695	51.809
12)	B 4,4'-DDE	6.207	5.227	158.2E6	60651612	55.337	54.339
13)	MA Dieldrin	6.362	5.358	169.9E6	70574695	54.372	52.310
14)	MA Endrin	6.592	5.634	142.5E6	62377534	53.291	51.256
15)	B Endosulfa...	6.812	5.928	136.3E6	56703114	52.753	52.559
16)	A 4,4'-DDD	6.726	5.782	126.5E6	49408356	55.594	56.065
17)	MA 4,4'-DDT	7.041	6.034	128.2E6	47412978	56.509	58.369
18)	B Endrin al...	6.941	6.108	106.5E6	44976507	53.056m	51.966
19)	B Endosulfa...	7.177	6.331	134.7E6	57070954	53.486	52.814
20)	A Methoxychlor	7.517	6.609	69147715	25597785	53.421	55.306
21)	B Endrin ke...	7.664	6.837	151.8E6	65675905	54.474	54.056
22)	Mirex	8.139	7.019	113.7E6	53772011	53.070	51.298

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 10:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

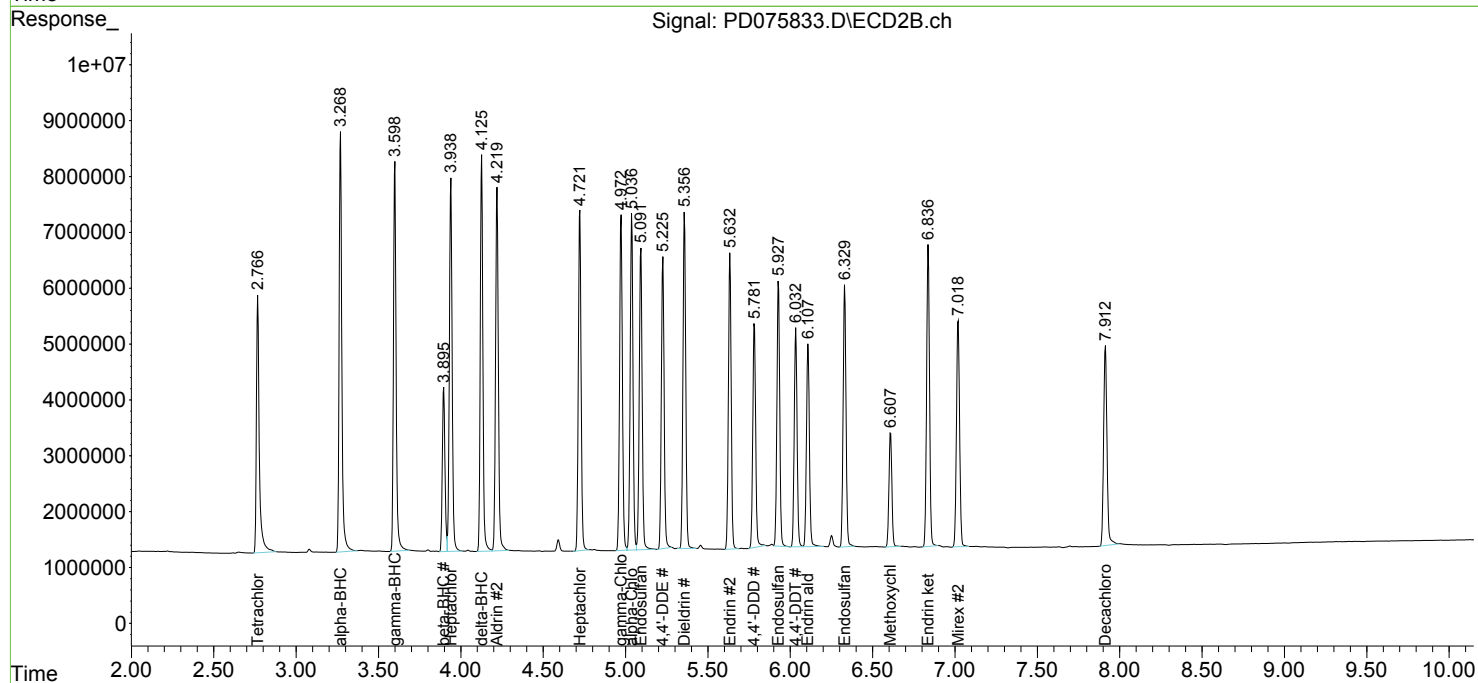
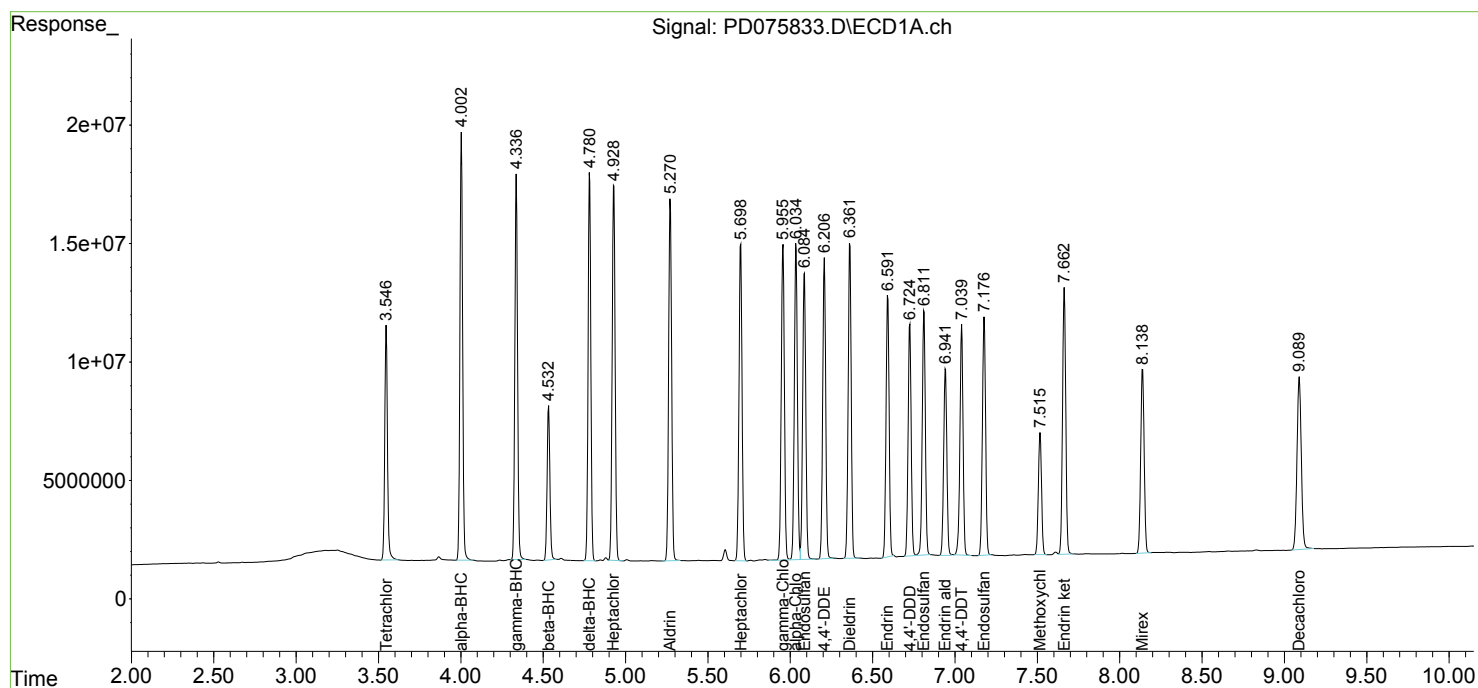
APPROVED

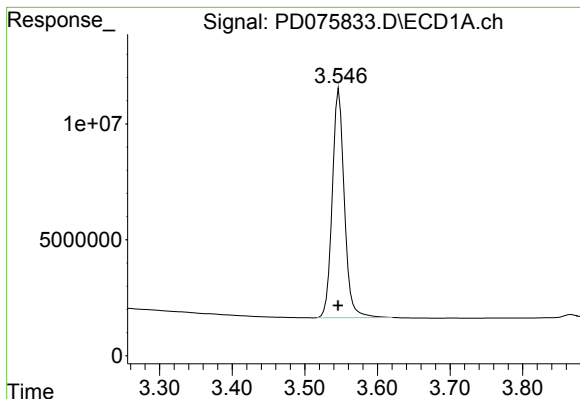
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 11:02:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





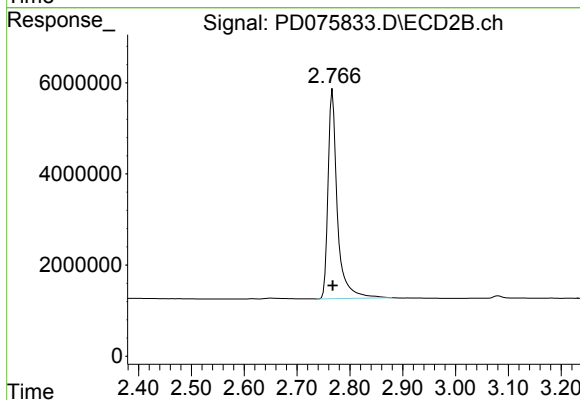
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.001 min
Response: 114247626
Conc: 53.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

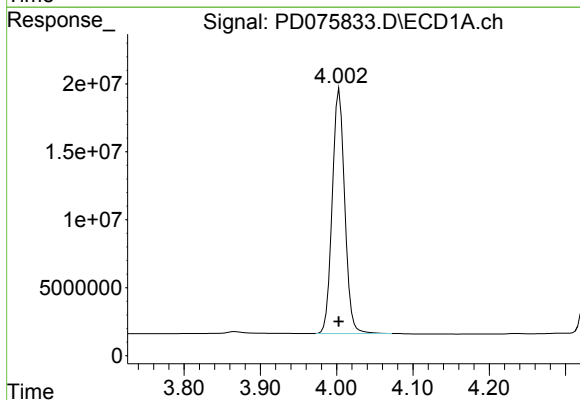
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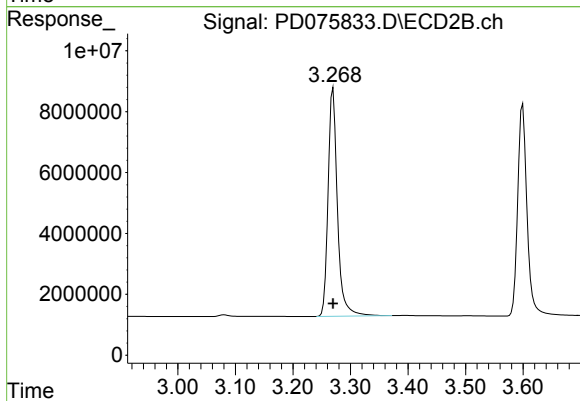
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 56438462
Conc: 52.02 ng/ml



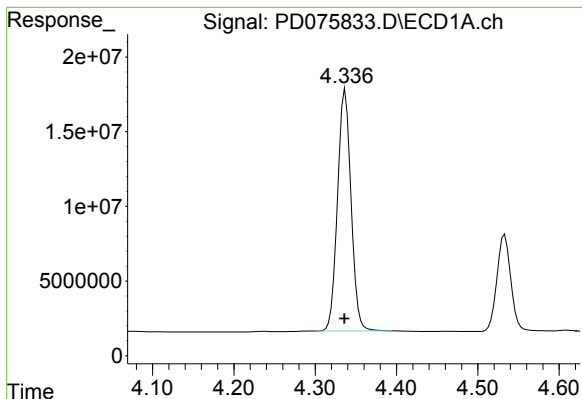
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 203857668
Conc: 55.21 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 84662426
Conc: 52.92 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 186836426
Conc: 55.53 ng/ml

Instrument :

ECD_D

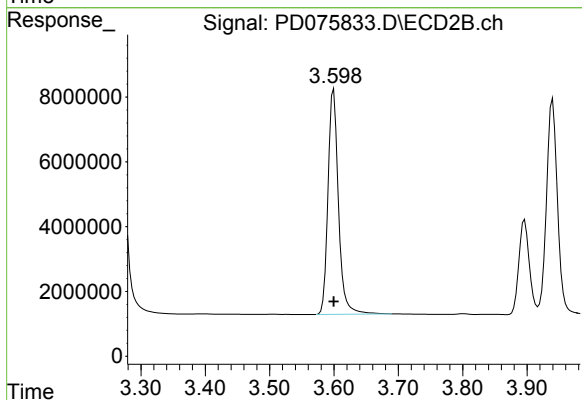
ClientSampleId :

PSTDCCC050

Manual Integrations

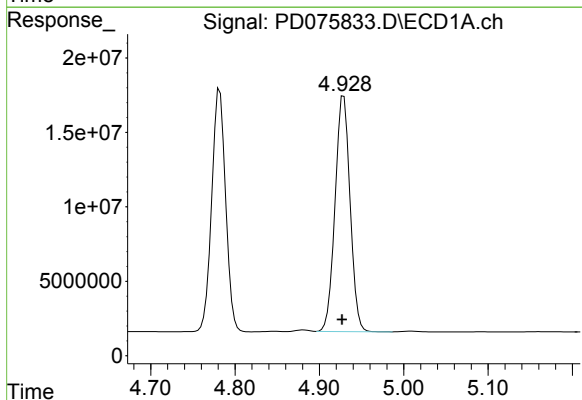
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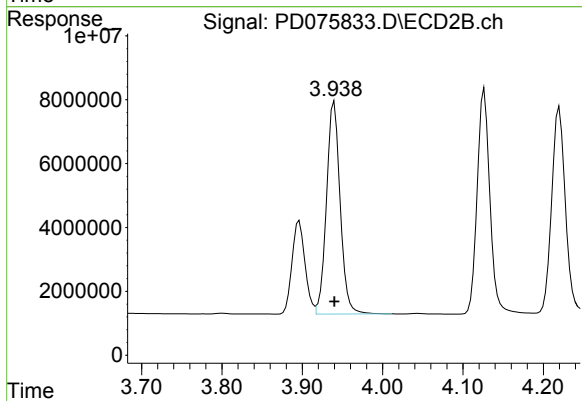
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 78440076
Conc: 53.24 ng/ml



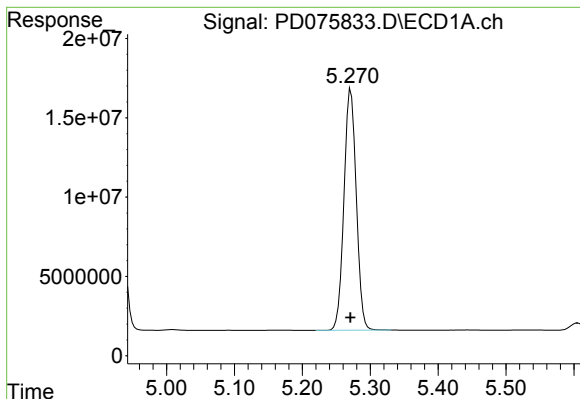
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 195627758
Conc: 54.54 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 78847627
Conc: 51.91 ng/ml



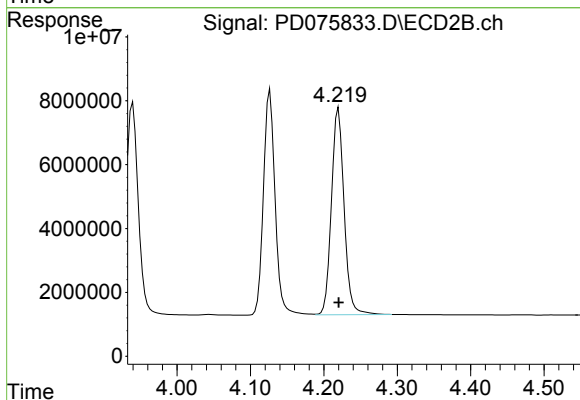
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 191725574
Conc: 54.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

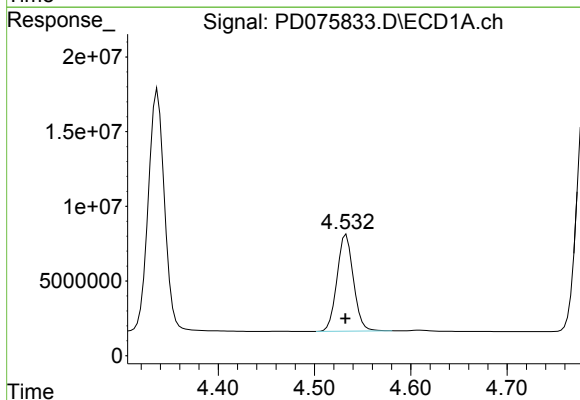
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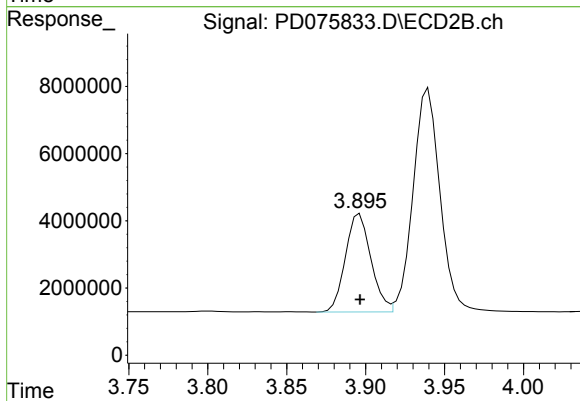
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 77711447
Conc: 52.11 ng/ml



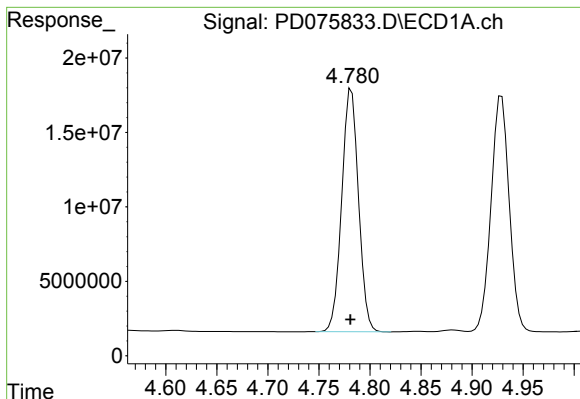
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 76647774
Conc: 53.31 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 32955339
Conc: 51.70 ng/ml



#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 186919779
Conc: 56.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

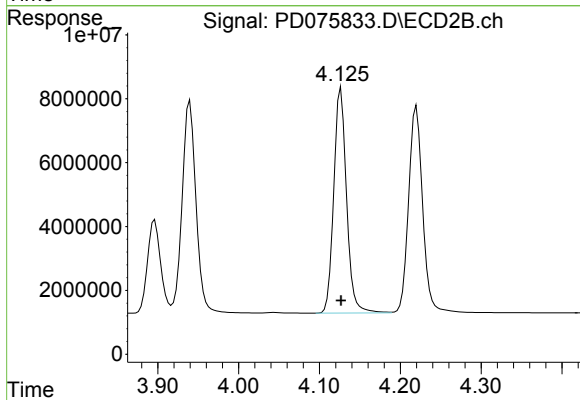
PSTDCCC050

Manual Integrations

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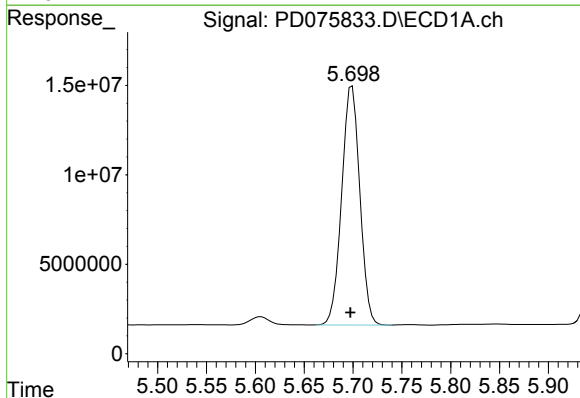
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



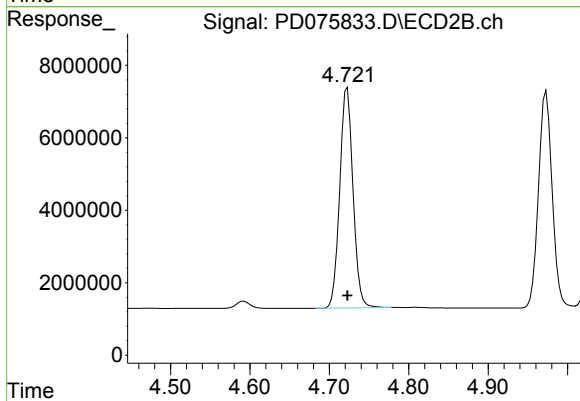
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 77630925
Conc: 53.58 ng/ml



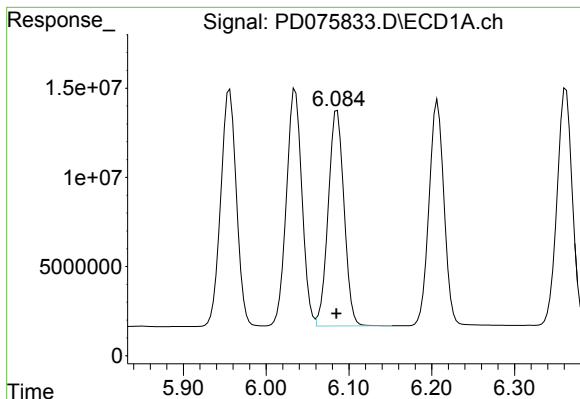
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 172880910
Conc: 53.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 70869935
Conc: 51.59 ng/ml



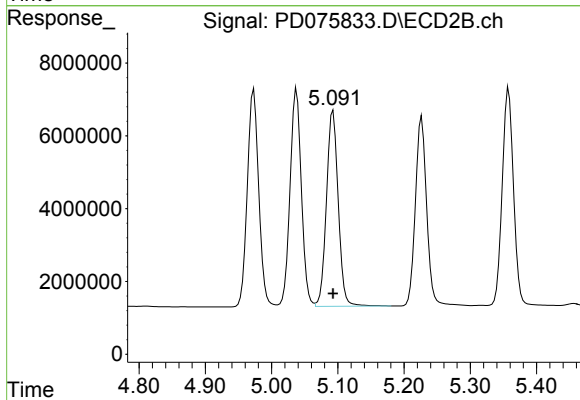
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 160728954
Conc: 53.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

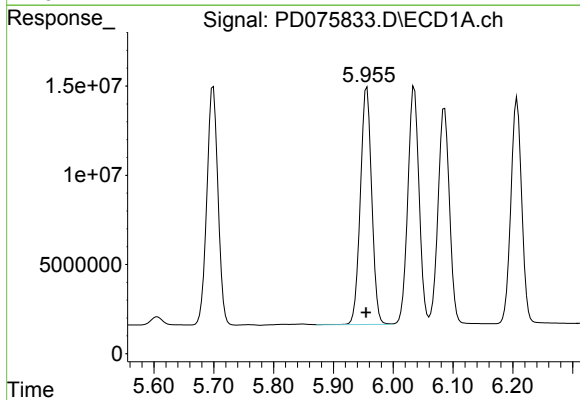
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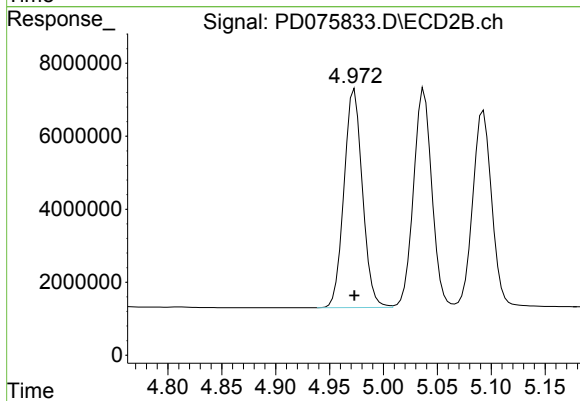
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 66413808
Conc: 51.96 ng/ml



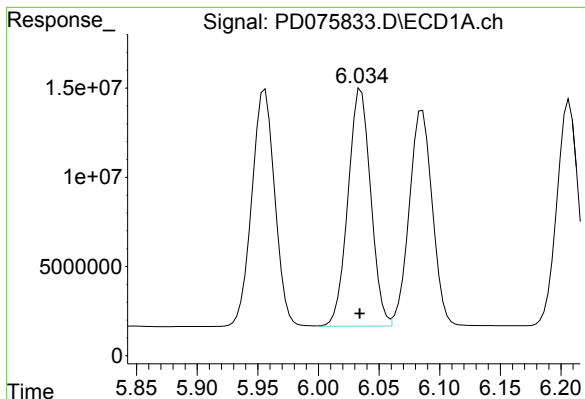
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 175696153
Conc: 54.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 71494246
Conc: 52.11 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 173590848
Conc: 53.70 ng/ml

Instrument :

ECD_D

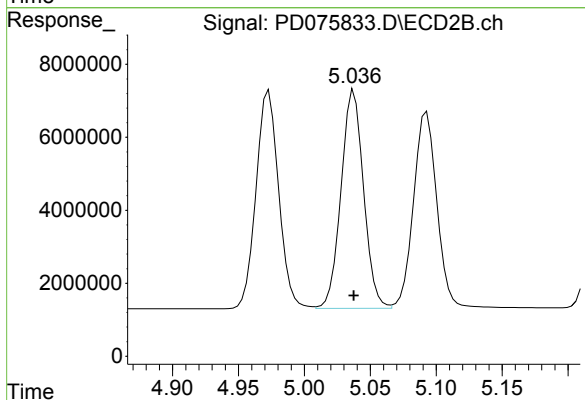
ClientSampleId :

PSTDCCC050

Manual Integrations

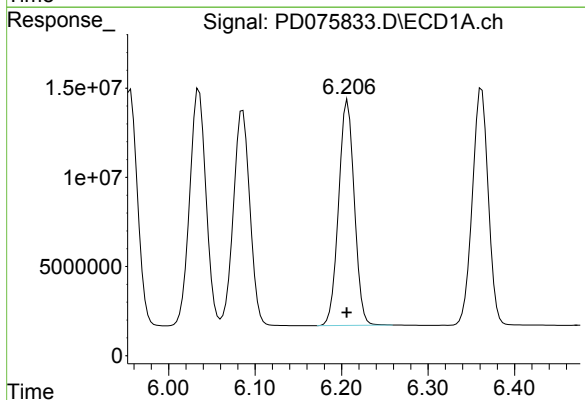
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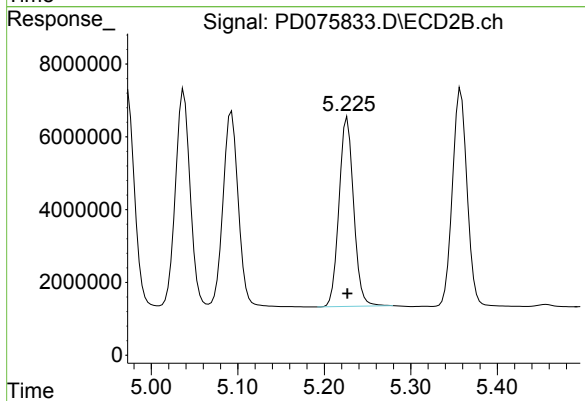
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 71070260
Conc: 51.81 ng/ml



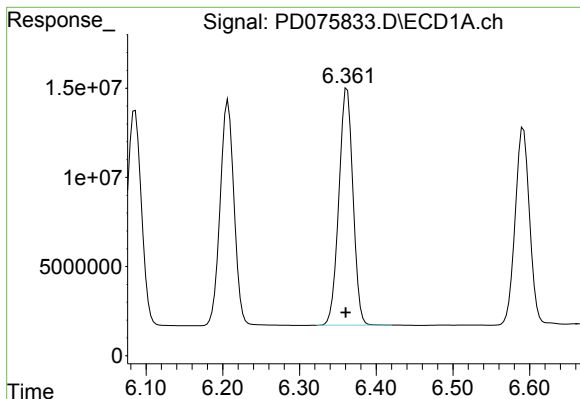
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 158160092
Conc: 55.34 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 60651612
Conc: 54.34 ng/ml



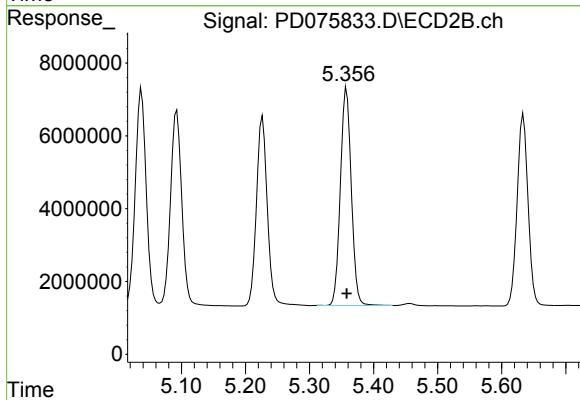
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 169910611
Conc: 54.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

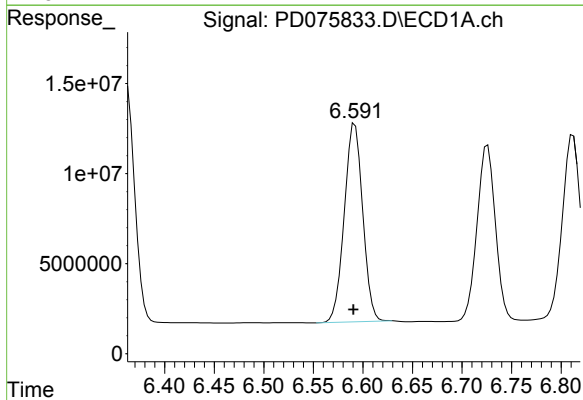
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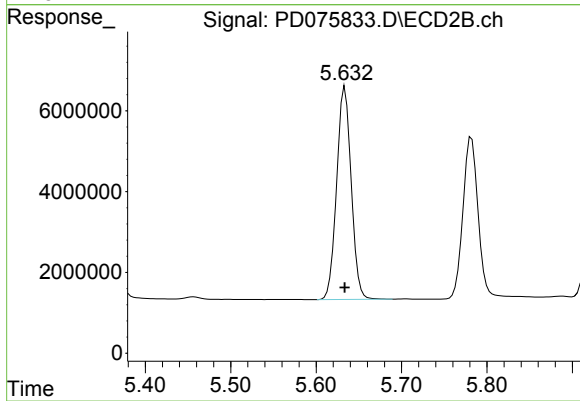
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 70574695
Conc: 52.31 ng/ml



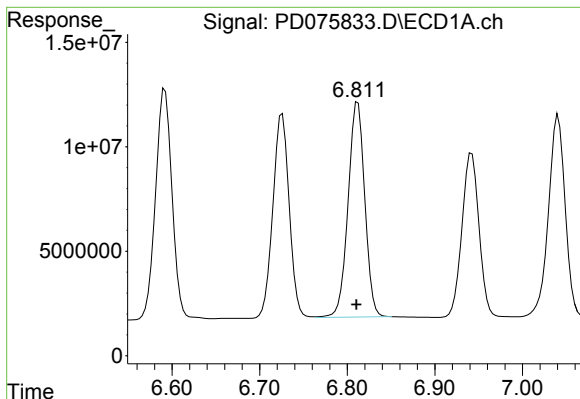
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 142519149
Conc: 53.29 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 62377534
Conc: 51.26 ng/ml



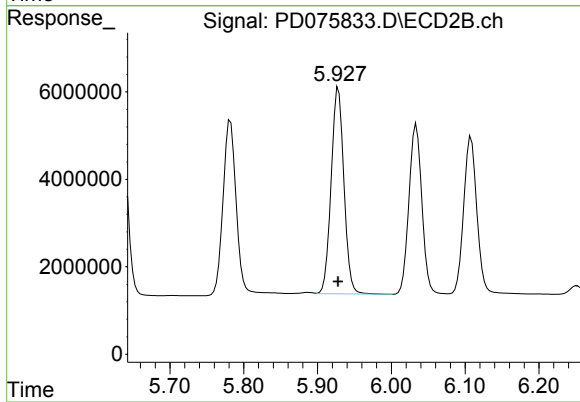
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 136293981
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

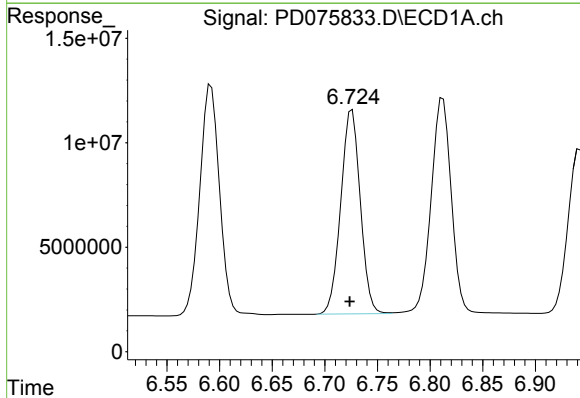
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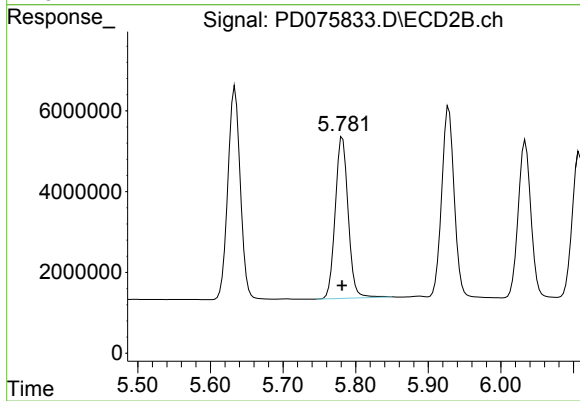
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 56703114
Conc: 52.56 ng/ml



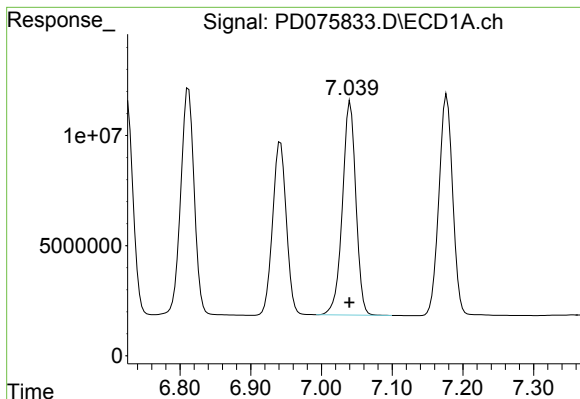
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 126510550
Conc: 55.59 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 49408356
Conc: 56.06 ng/ml



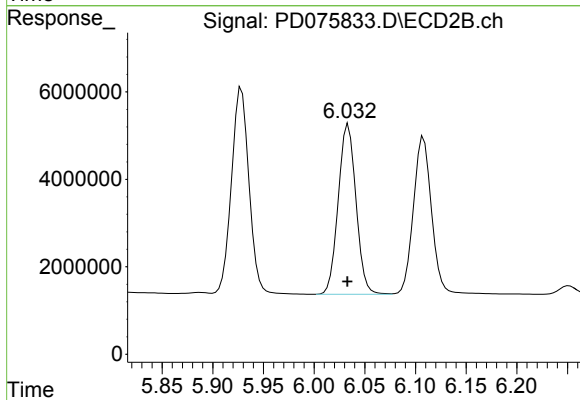
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 128233072
Conc: 56.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

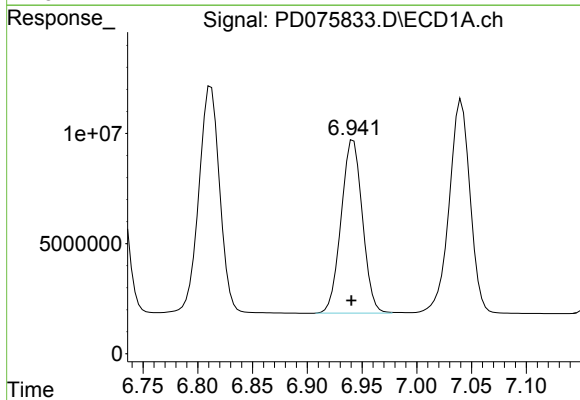
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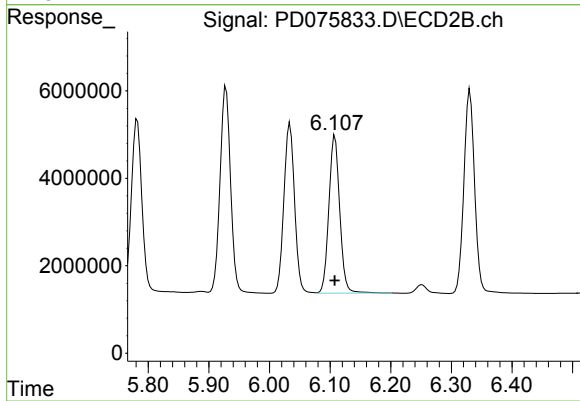
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 47412978
Conc: 58.37 ng/ml



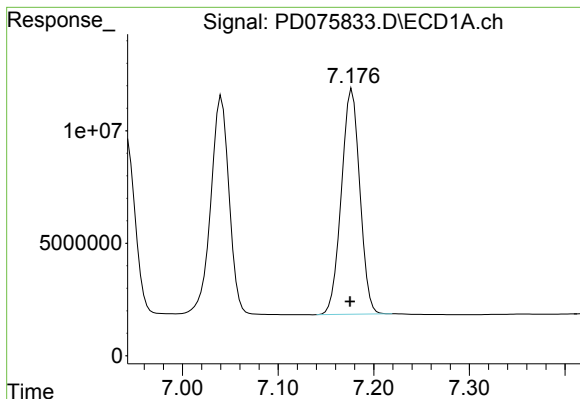
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 106462807
Conc: 53.06 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 44976507
Conc: 51.97 ng/ml



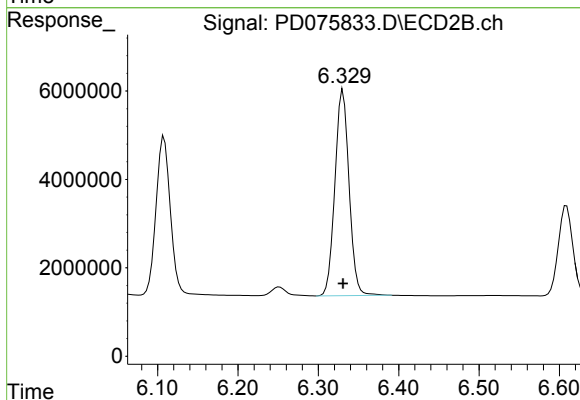
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 134749831
Conc: 53.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

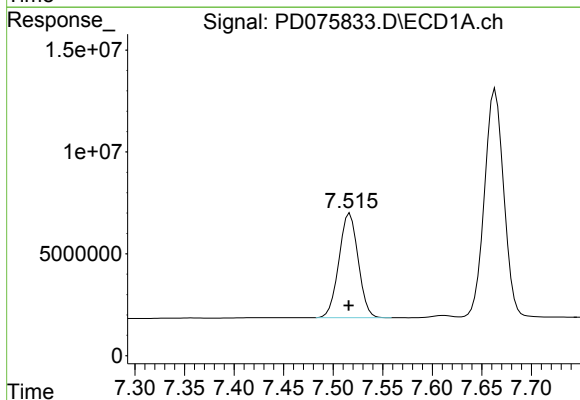
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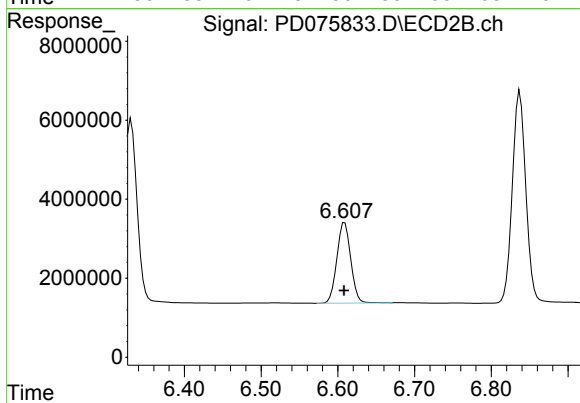
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 57070954
Conc: 52.81 ng/ml



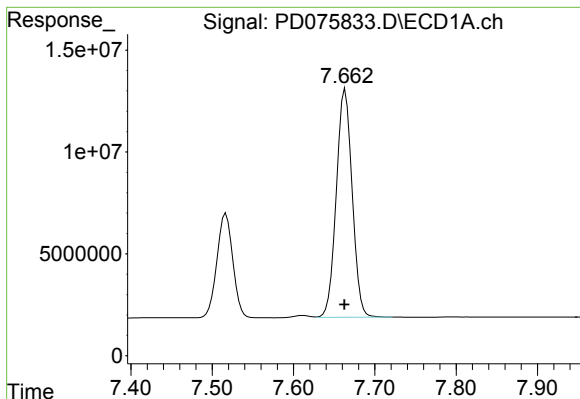
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 69147715
Conc: 53.42 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 25597785
Conc: 55.31 ng/ml



#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.001 min
Response: 151762354
Conc: 54.47 ng/ml

Instrument :

ECD_D

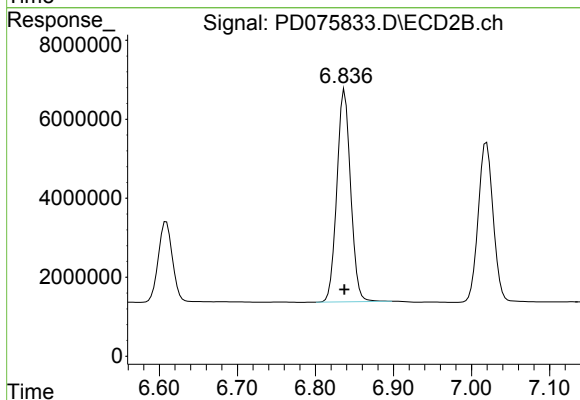
ClientSampleId :

PSTDCCC050

Manual Integrations

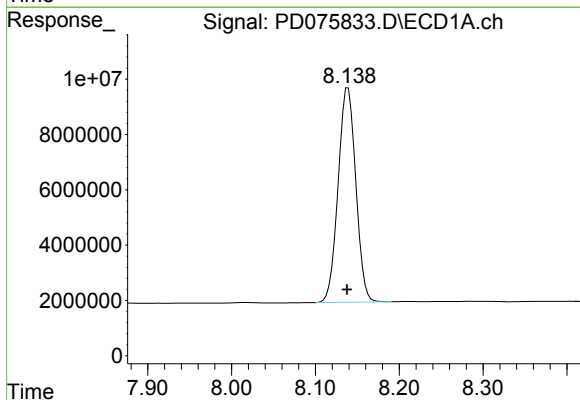
APPROVED

Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023



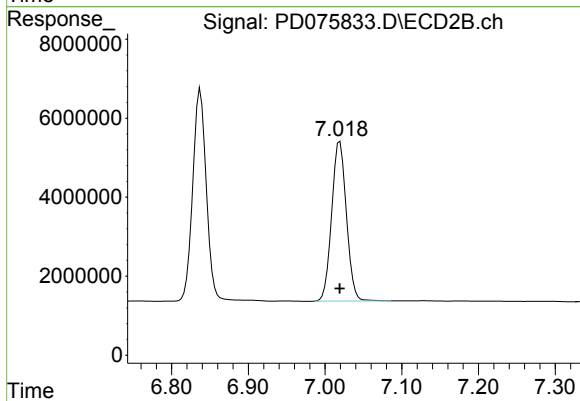
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 65675905
Conc: 54.06 ng/ml



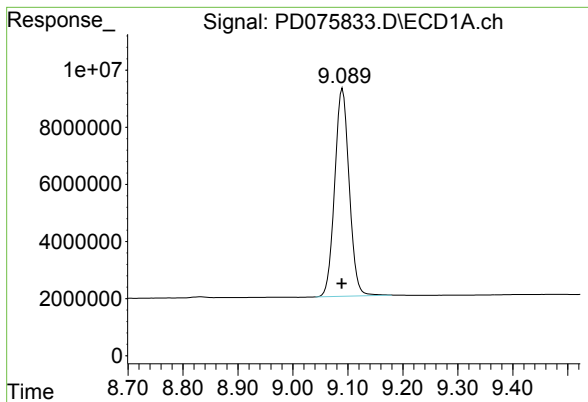
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 113704274
Conc: 53.07 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 53772011
Conc: 51.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 133319122
Conc: 52.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

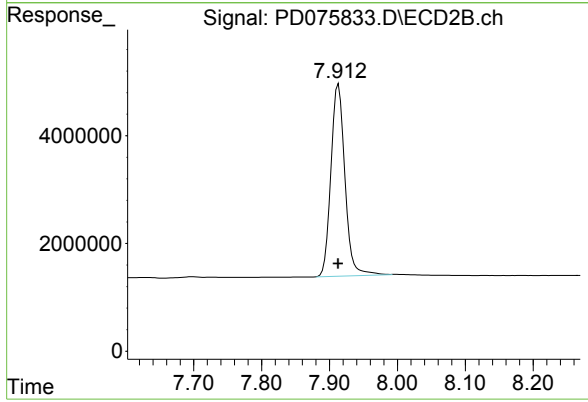
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 51163099
Conc: 52.32 ng/ml