

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
 Data File : PD081040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2024 18:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/05/2024
 Supervised By : Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 05:08:50 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...	3.565	2.795	70465178	122.5E6	49.639	51.195
28)	SA Decachlor...	9.114	7.934	83277732	112.9E6	41.381	42.395
Target Compounds							
2)	A alpha-BHC	4.023	3.297	124.3E6	197.7E6	50.061	51.523
3)	MA gamma-BHC...	4.356	3.627	121.0E6	191.8E6	49.420	51.294
4)	MA Heptachlor	4.949	3.967	115.7E6	174.7E6	46.898	50.663
5)	MB Aldrin	5.293	4.246	116.2E6	181.0E6	47.338	49.711m
6)	B beta-BHC	4.550	3.922	48769365	77789418	48.198	49.782
7)	B delta-BHC	4.800	4.152	123.5E6	199.7E6	49.211	53.209
8)	B Heptachlo...	5.717	4.749	108.5E6	163.6E6	48.460m	48.850
9)	A Endosulfan I	6.106	5.120	100.7E6	137.0E6	48.570	44.725
10)	B gamma-Chl...	5.974	5.000	105.4E6	162.8E6	48.133m	49.764
11)	B alpha-Chl...	6.055	5.064	107.5E6	160.8E6	49.373	49.167
12)	B 4,4'-DDE	6.226	5.251	97210059	153.4E6	47.772	50.072m
13)	MA Dieldrin	6.381	5.384	106.2E6	167.9E6	48.072	49.370
14)	MA Endrin	6.612	5.660	87851184	150.4E6	47.036	50.747
15)	B Endosulfa...	6.830	5.952	89766092	140.3E6	46.357	48.800
16)	A 4,4'-DDD	6.743	5.806	79523498	131.5E6	48.398	50.086
17)	MA 4,4'-DDT	7.059	6.057	76651306	122.9E6	43.041	46.307
18)	B Endrin al...	6.959	6.131	67353902	106.6E6	44.278m	47.283
19)	B Endosulfa...	7.195	6.353	84605770	133.9E6	44.559	47.999
20)	A Methoxychlor	7.533	6.631	41179821	66191345	40.008	42.288
21)	B Endrin ke...	7.681	6.858	92808698	156.0E6	44.380	48.339m
22)	Mirex	8.158	7.043	69201960	115.5E6	41.956	45.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
Data File : PD081040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2024 18:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

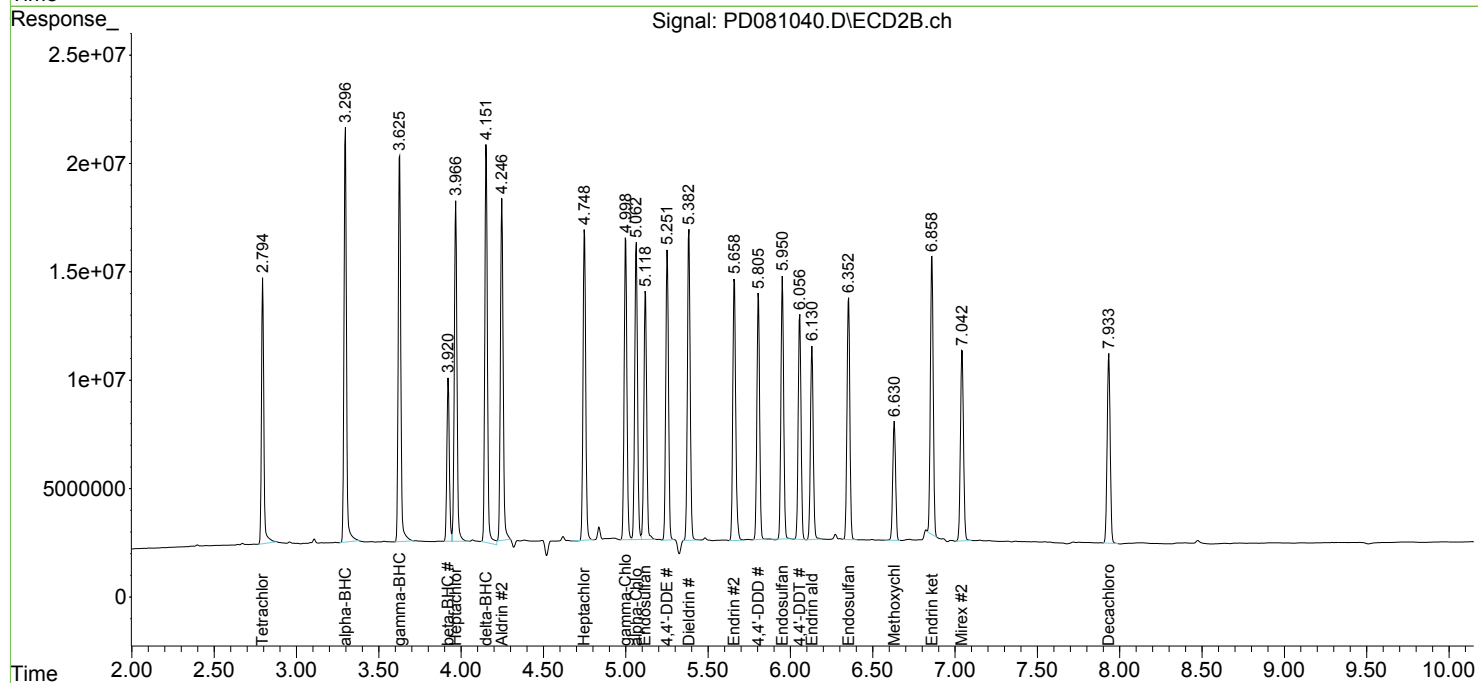
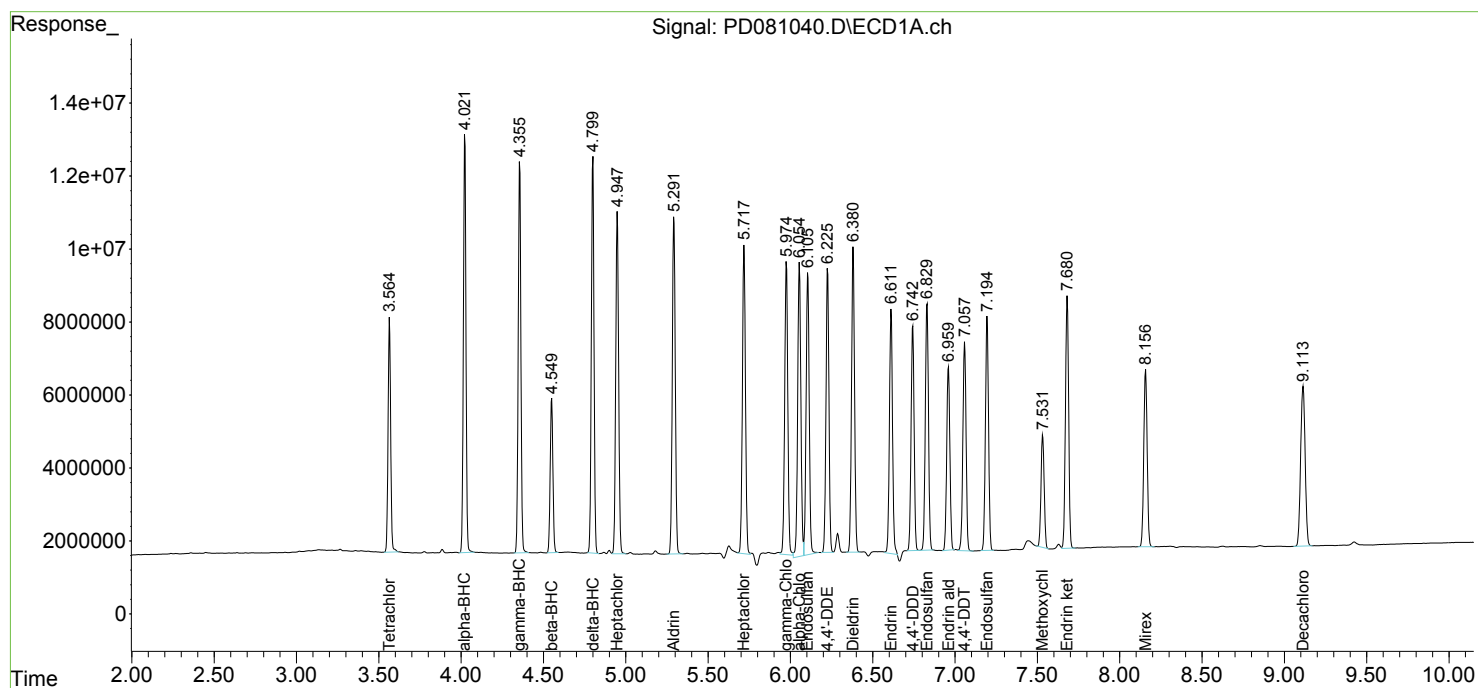
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

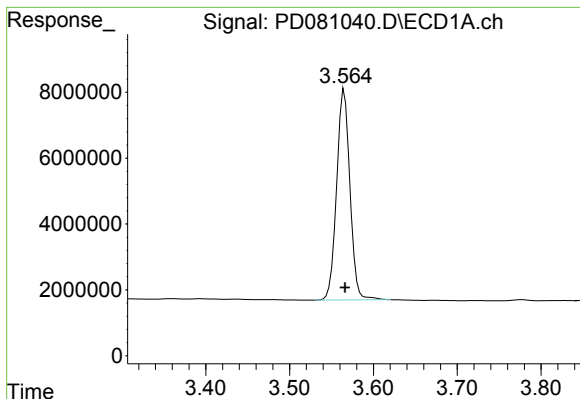
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2024
Supervised By :Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 05:08:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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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.: 3.565 min
Delta R.T.: 0.000 min
Response: 70465178
Conc: 49.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

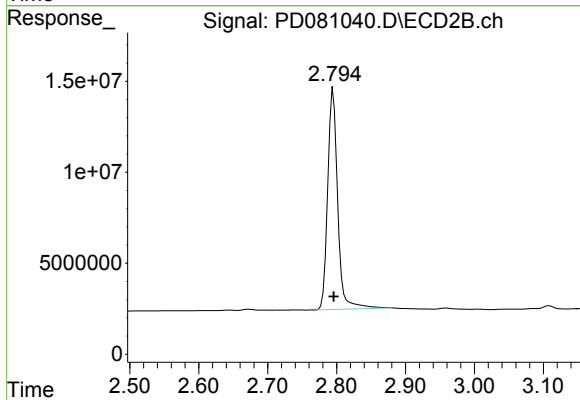
PSTDCCC050

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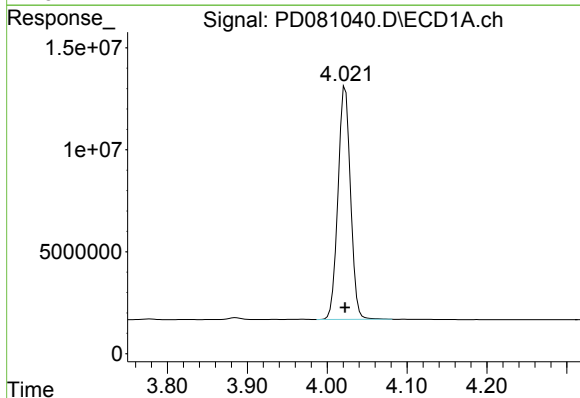
Reviewed By :Abdul Mirza 02/05/2024

Supervised By :Ankita Jodhani 02/05/2024



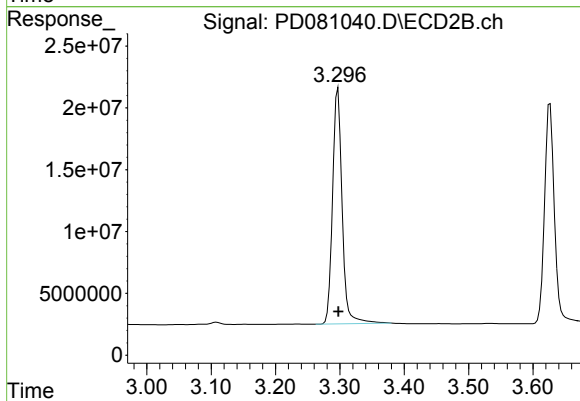
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 122465373
Conc: 51.19 ng/ml



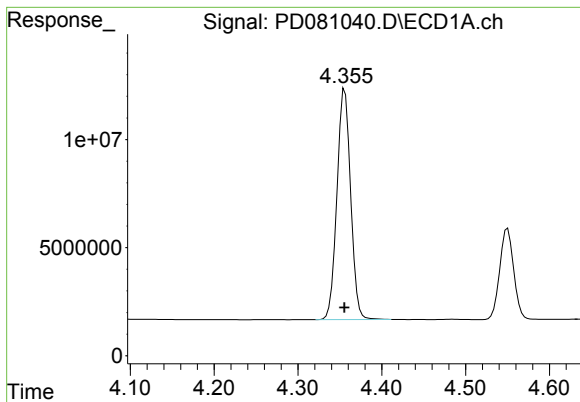
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 124342959
Conc: 50.06 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 197697747
Conc: 51.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 120962305
Conc: 49.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

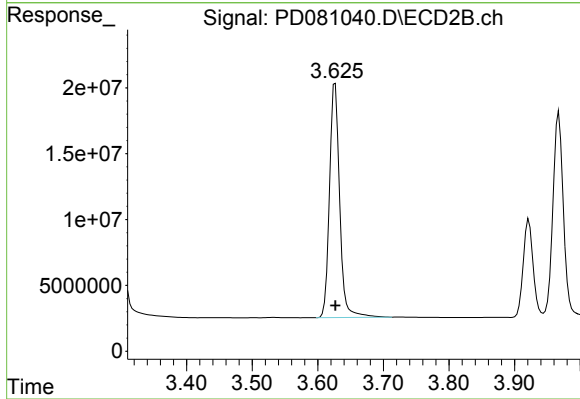
PSTDCCC050

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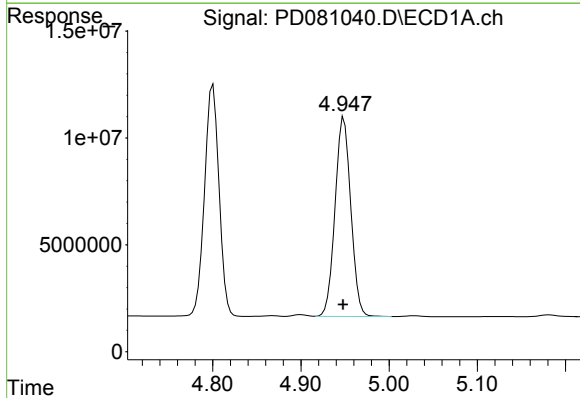
Reviewed By :Abdul Mirza 02/05/2024

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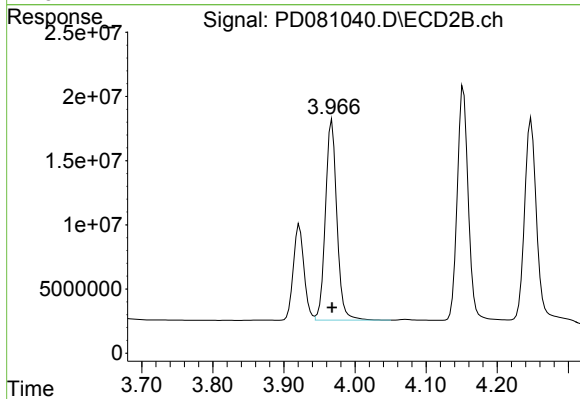
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 191785712
Conc: 51.29 ng/ml



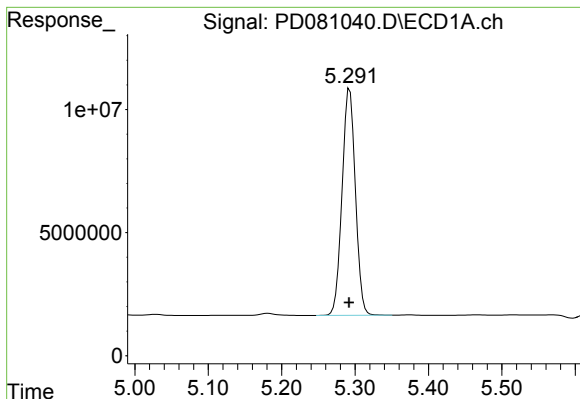
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 115668356
Conc: 46.90 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 174690316
Conc: 50.66 ng/ml



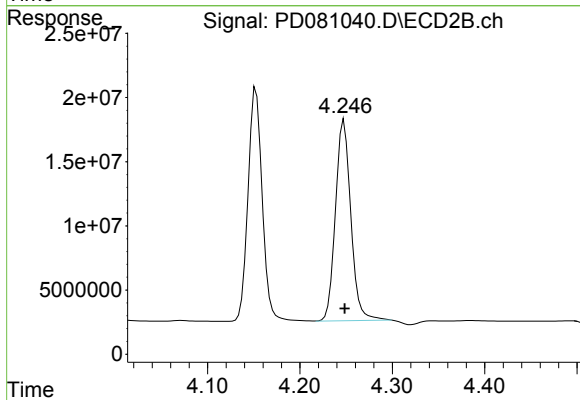
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 116196941
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

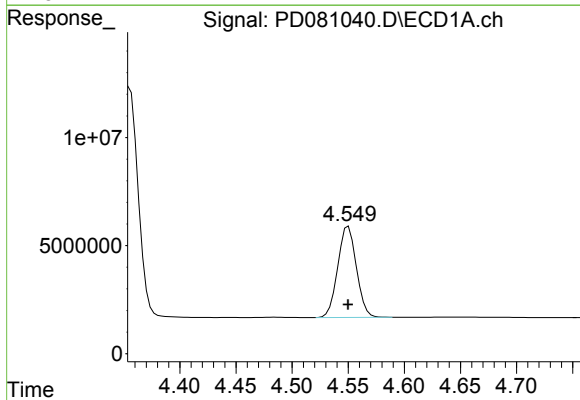
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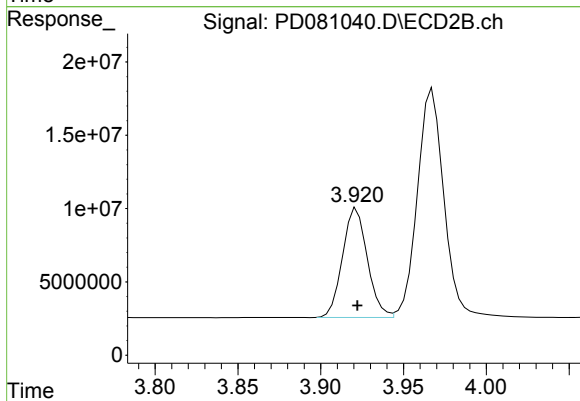
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 181048308
Conc: 49.71 ng/ml m



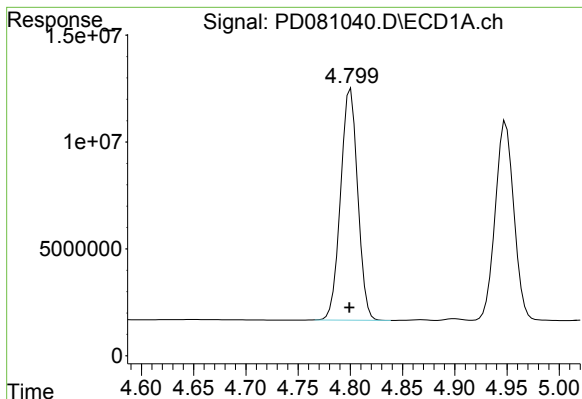
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 48769365
Conc: 48.20 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 77789418
Conc: 49.78 ng/ml



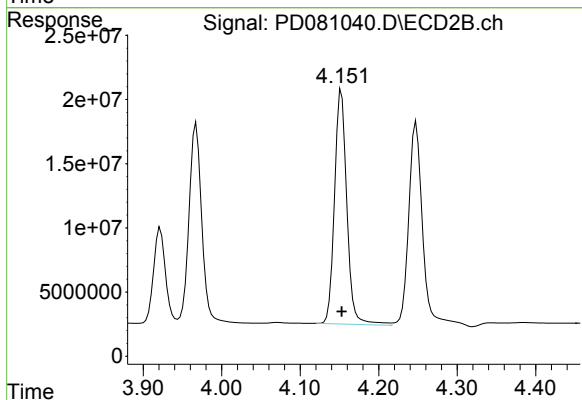
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 123459369
Conc: 49.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

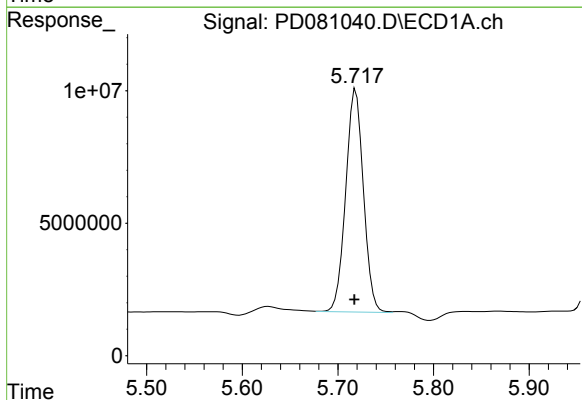
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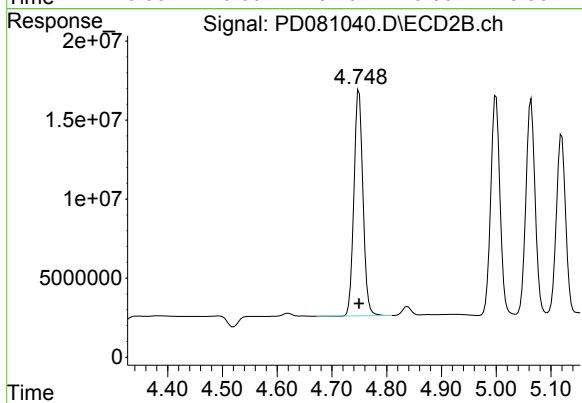
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 199692206
Conc: 53.21 ng/ml



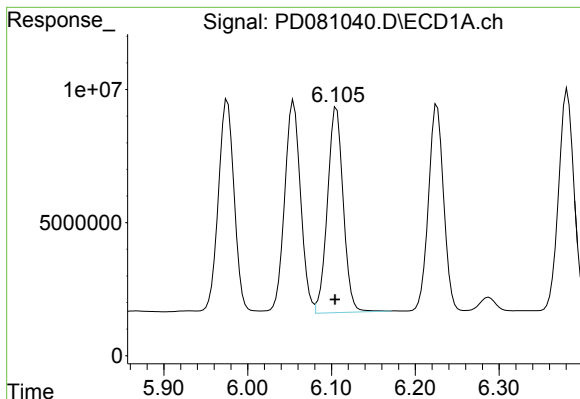
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 108512019
Conc: 48.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 163621297
Conc: 48.85 ng/ml



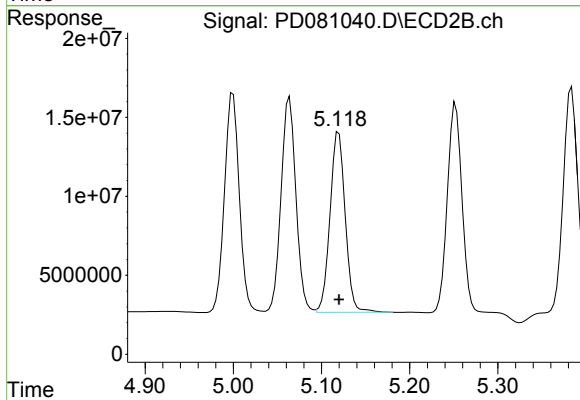
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 100736515
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

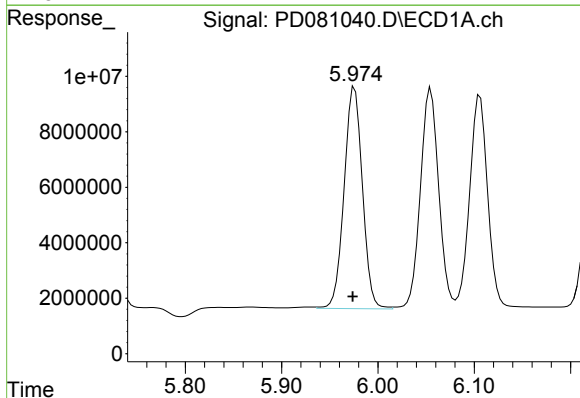
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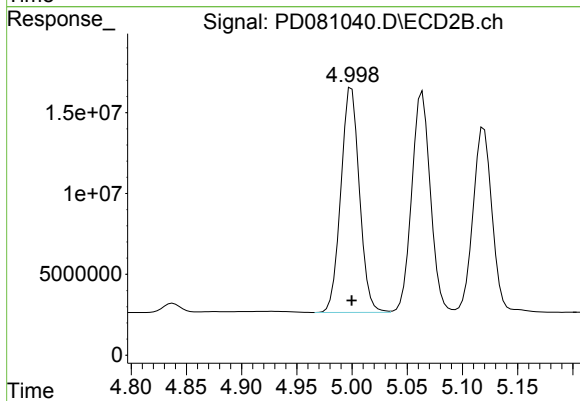
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 136982091
Conc: 44.72 ng/ml



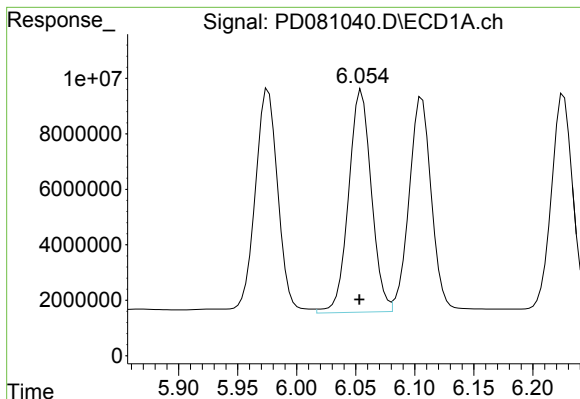
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 105369311
Conc: 48.13 ng/ml m



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 162777035
Conc: 49.76 ng/ml



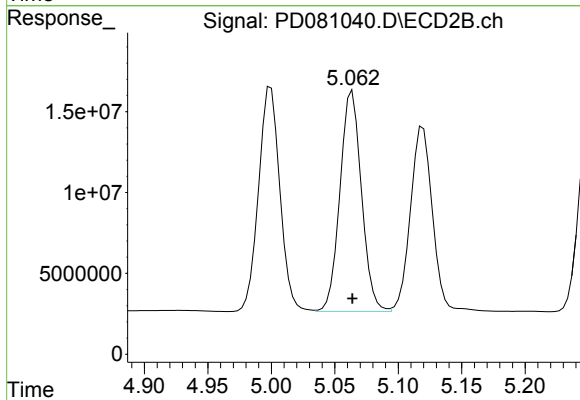
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 107504752
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

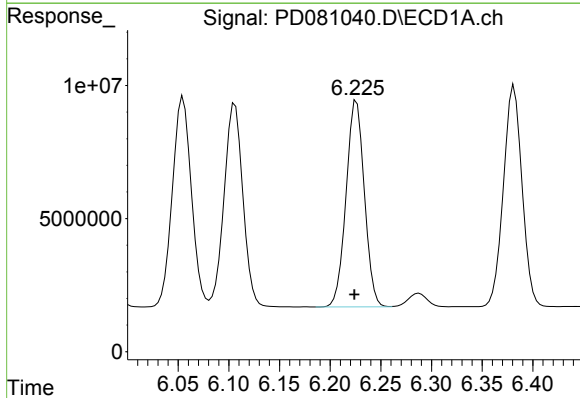
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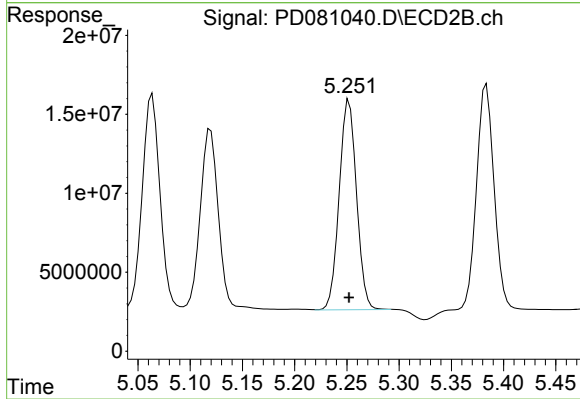
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 160753788
Conc: 49.17 ng/ml



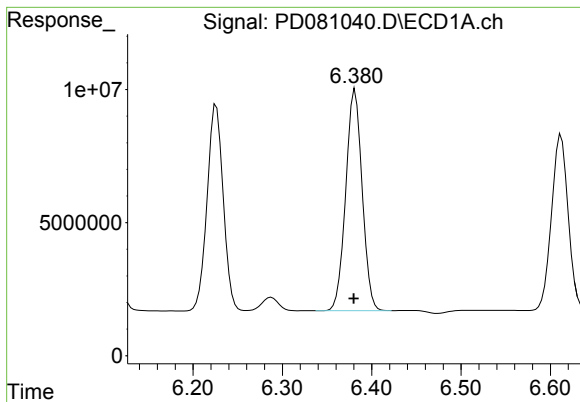
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 97210059
Conc: 47.77 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 153381817
Conc: 50.07 ng/ml m



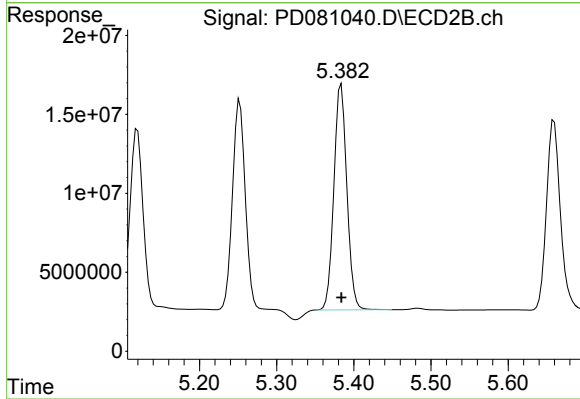
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 106223965
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

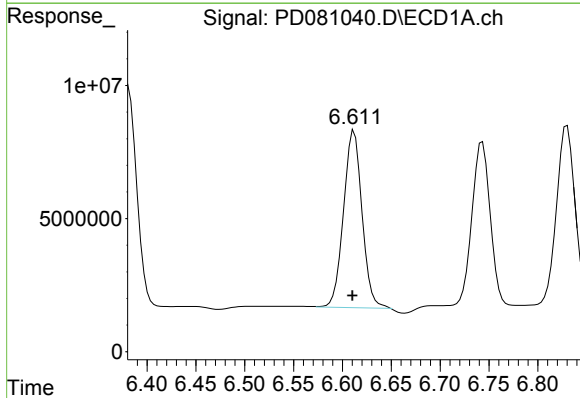
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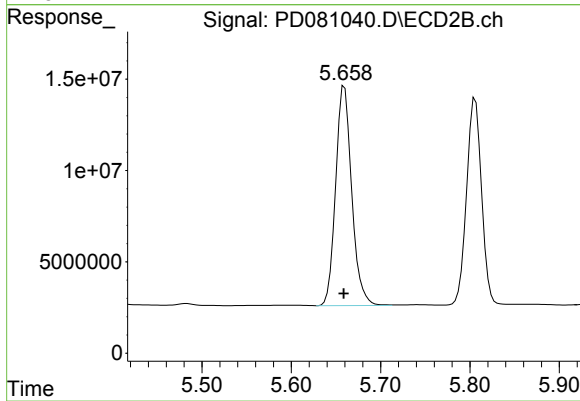
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 167897703
Conc: 49.37 ng/ml



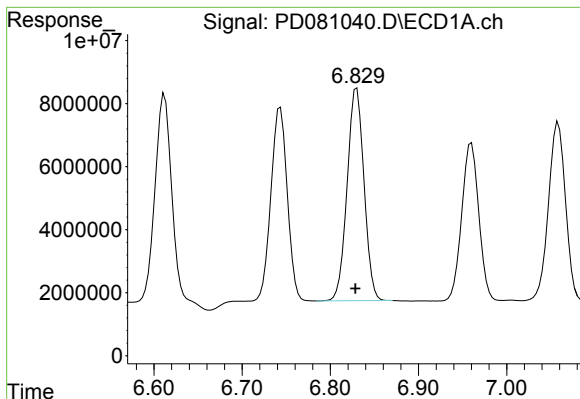
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 87851184
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 150383665
Conc: 50.75 ng/ml



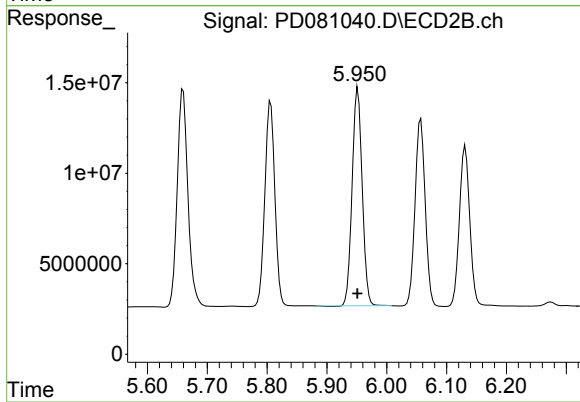
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 89766092
Conc: 46.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

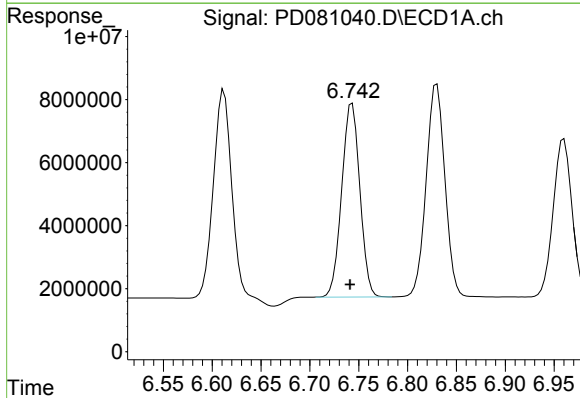
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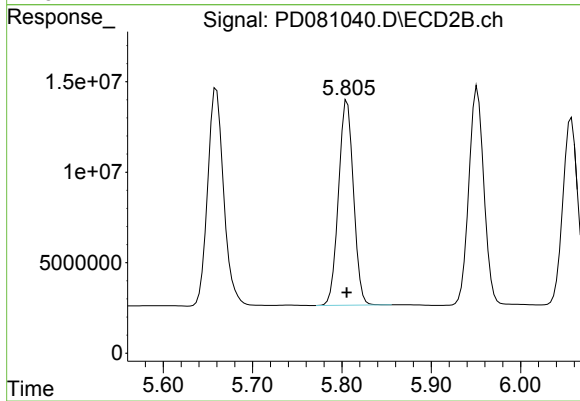
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 140345232
Conc: 48.80 ng/ml



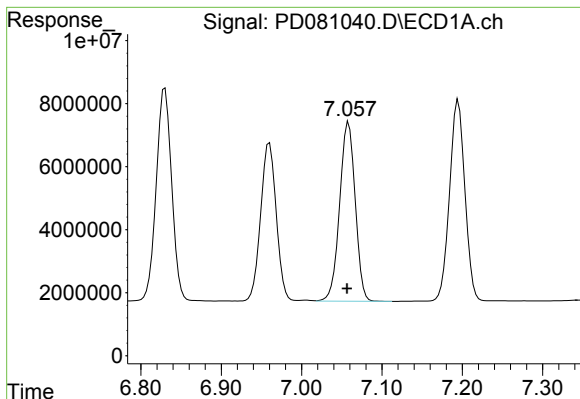
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 79523498
Conc: 48.40 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 131488591
Conc: 50.09 ng/ml



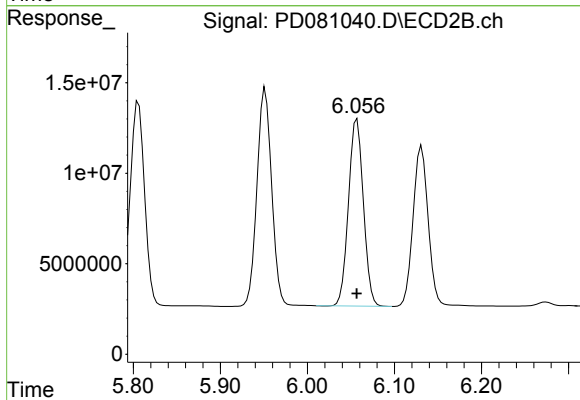
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 76651306
Conc: 43.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

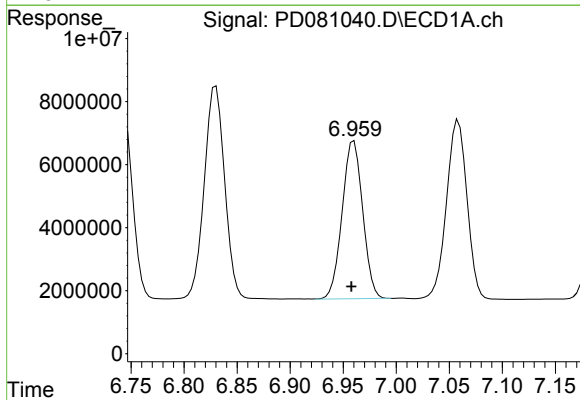
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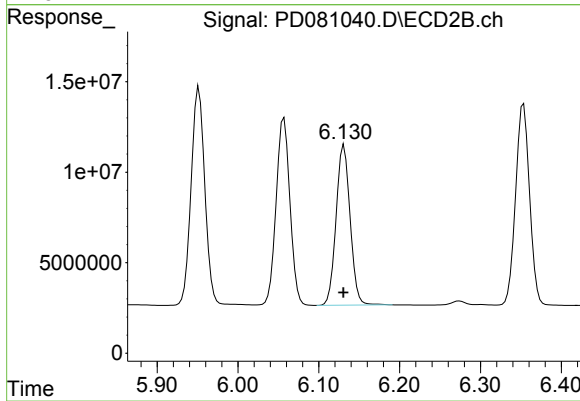
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 122856081
Conc: 46.31 ng/ml



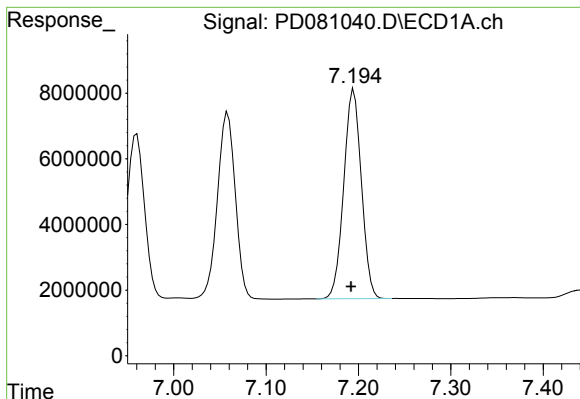
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 67353902
Conc: 44.28 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 106606836
Conc: 47.28 ng/ml



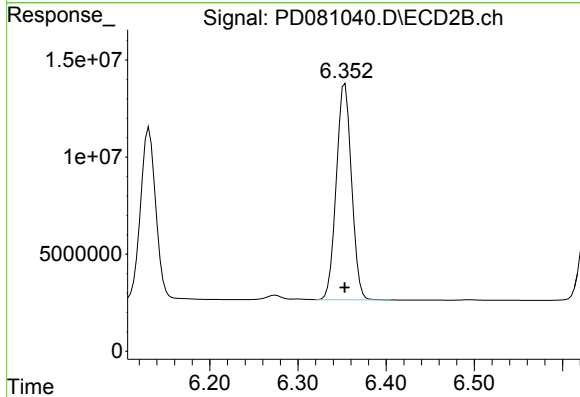
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 84605770
Conc: 44.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

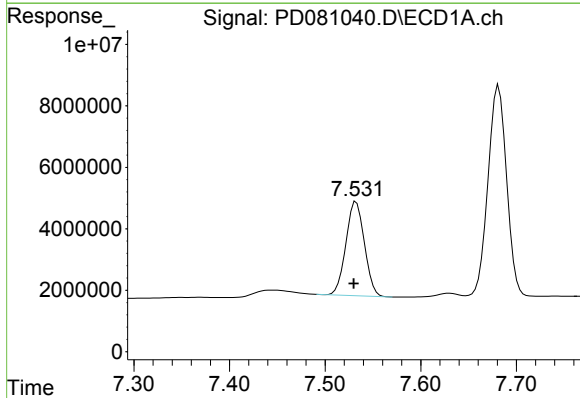
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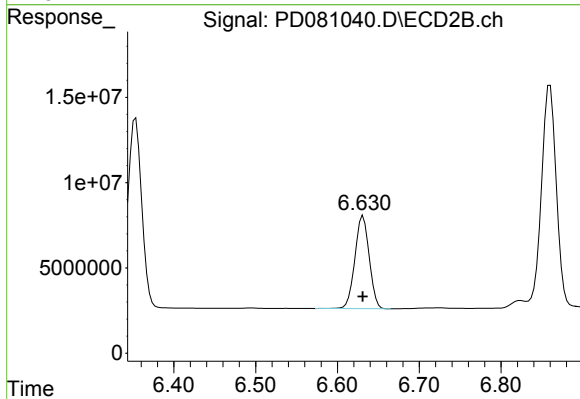
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 133888090
Conc: 48.00 ng/ml



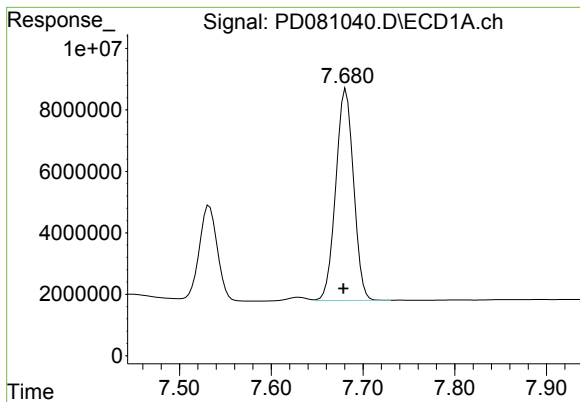
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 41179821
Conc: 40.01 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 66191345
Conc: 42.29 ng/ml



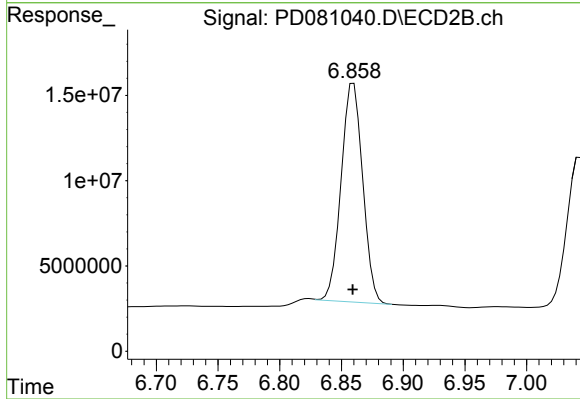
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.003 min
Response: 92808698
Conc: 44.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

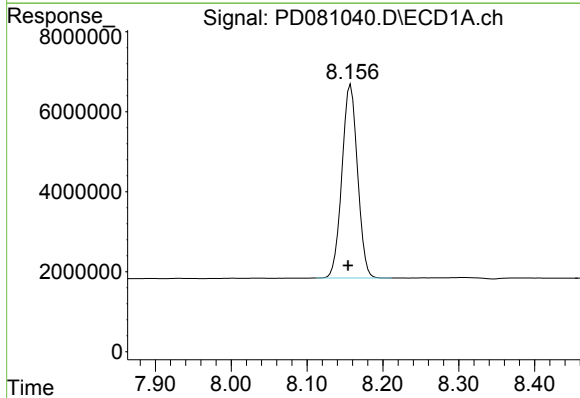
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2024
Supervised By :Ankita Jodhani 02/05/2024



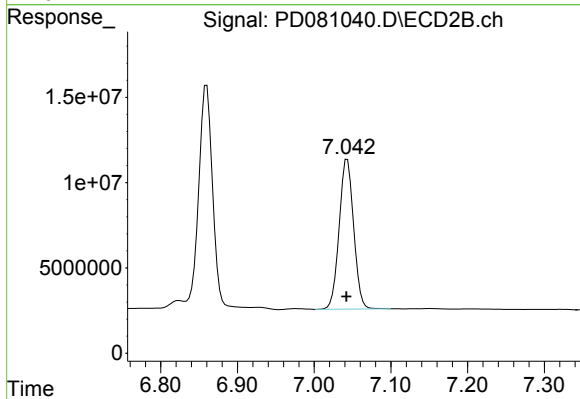
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 155991907
Conc: 48.34 ng/ml m



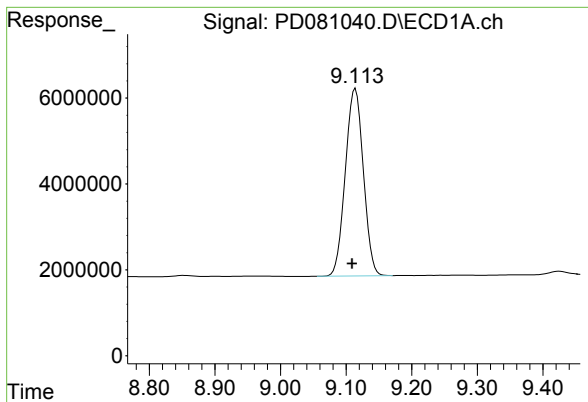
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 69201960
Conc: 41.96 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 115543855
Conc: 45.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 83277732
Conc: 41.38 ng/ml

Instrument :

ECD_D

ClientSampleId :

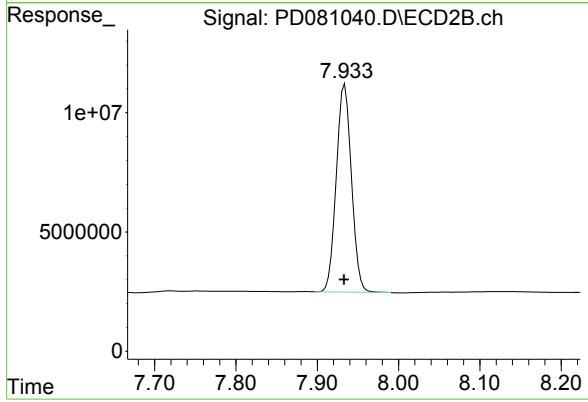
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 112922837
Conc: 42.39 ng/ml