

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
 Data File : PD081260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2024 17:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2024
 Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:51:13 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	74475004	132.9E6	52.463	55.561
2)	SA Decachlor...	9.112	7.932	95943088	130.6E6	47.675	49.037
Target Compounds							
2)	A alpha-BHC	4.023	3.296	131.1E6	212.4E6	52.764	55.350
3)	MA gamma-BHC...	4.356	3.625	129.3E6	205.2E6	52.827	54.886
4)	MA Heptachlor	4.948	3.966	128.2E6	186.0E6	51.965	53.936
5)	MB Aldrin	5.292	4.245	130.0E6	196.6E6	52.953	53.976m
6)	B beta-BHC	4.550	3.921	52655603	83136846	52.039	53.204
7)	B delta-BHC	4.799	4.151	135.3E6	211.8E6	53.912	56.440
8)	B Heptachlo...	5.717	4.748	116.3E6	172.9E6	51.953m	51.633
9)	A Endosulfan I	6.105	5.117	107.7E6	153.2E6	51.942	50.010
10)	B gamma-Chl...	5.973	4.998	111.4E6	171.5E6	50.904m	52.419
11)	B alpha-Chl...	6.055	5.062	114.1E6	169.5E6	52.416	51.836
12)	B 4,4'-DDE	6.225	5.249	106.7E6	162.2E6	52.432	52.958m
13)	MA Dieldrin	6.381	5.382	113.6E6	178.6E6	51.388	52.503
14)	MA Endrin	6.612	5.658	92774254	153.6E6	49.671	51.818
15)	B Endosulfa...	6.829	5.950	97135685	151.1E6	50.162	52.534
16)	A 4,4'-DDD	6.742	5.803	85787065	139.6E6	52.210	53.176
17)	MA 4,4'-DDT	7.058	6.055	84829276	131.3E6	47.633	49.476
18)	B Endrin al...	6.959	6.129	73312836	113.9E6	48.196	50.526
19)	B Endosulfa...	7.194	6.352	93344844	144.2E6	49.161	51.681
20)	A Methoxychlor	7.532	6.629	46436640	71910542	45.116	45.942
21)	B Endrin ke...	7.681	6.857	106.2E6	171.2E6	50.775	53.059
22)	Mirex	8.157	7.040	77668043	123.8E6	47.089	49.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 17:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

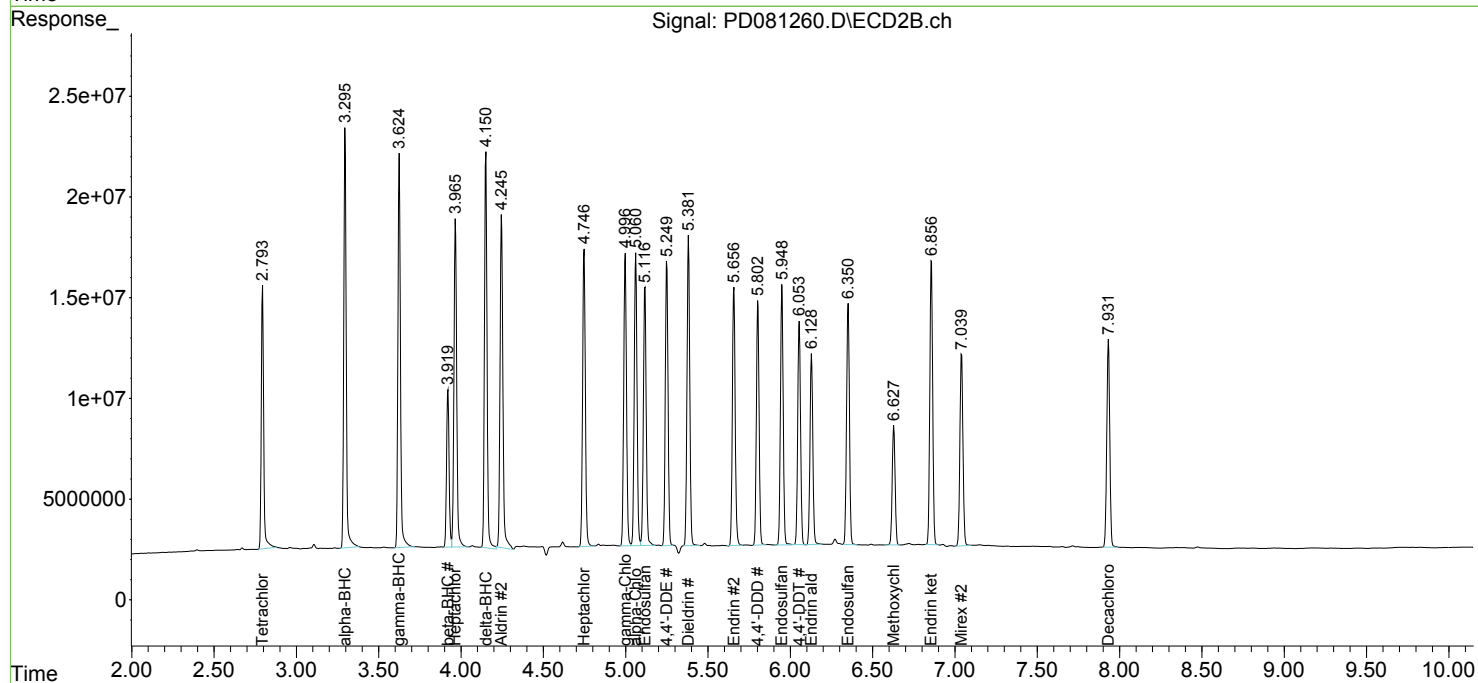
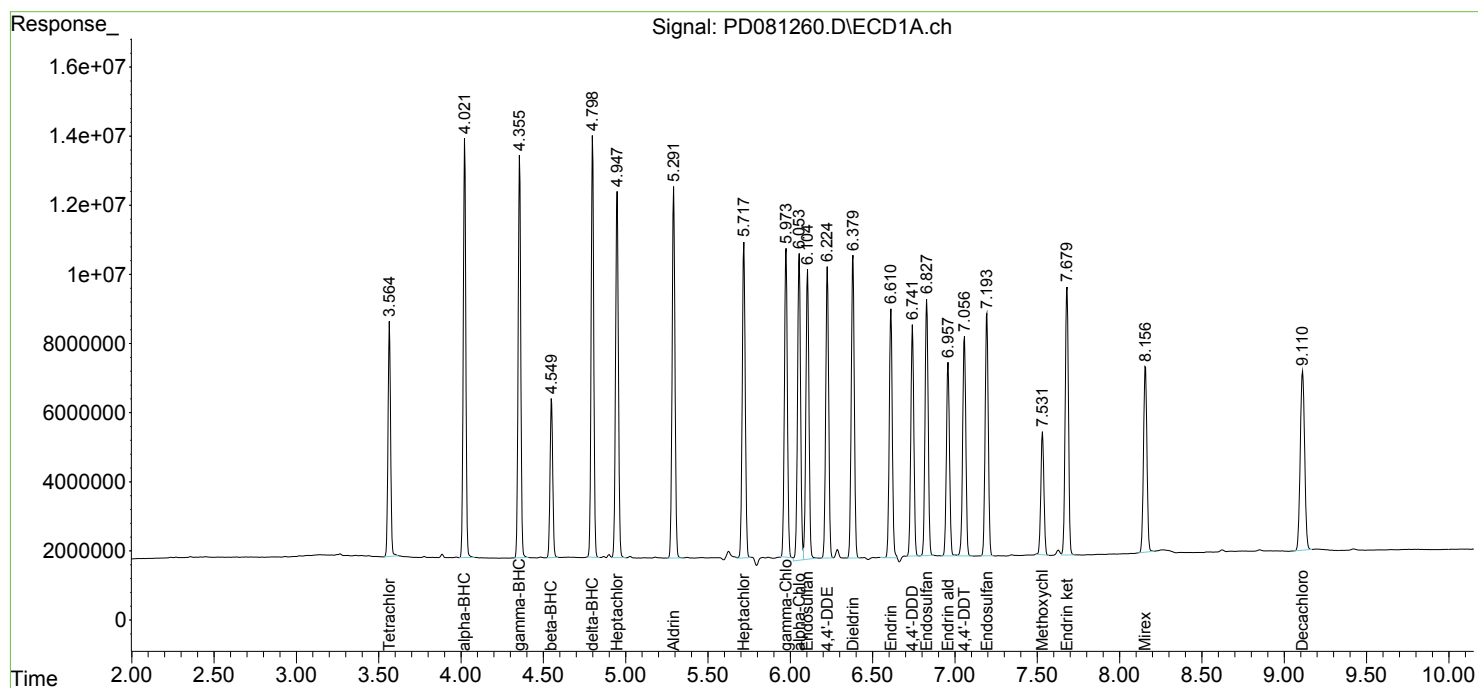
Manual Integrations

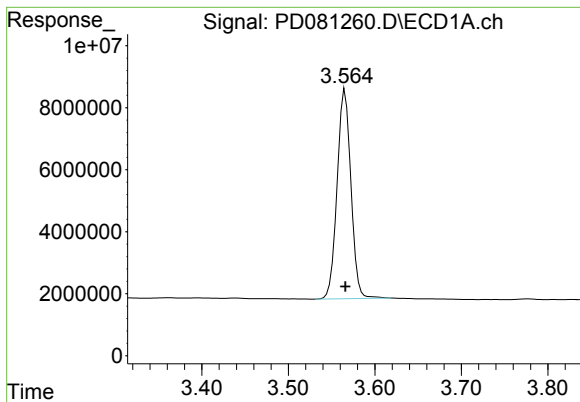
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:51:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
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QLast Update : Thu Jan 25 11:14:56 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





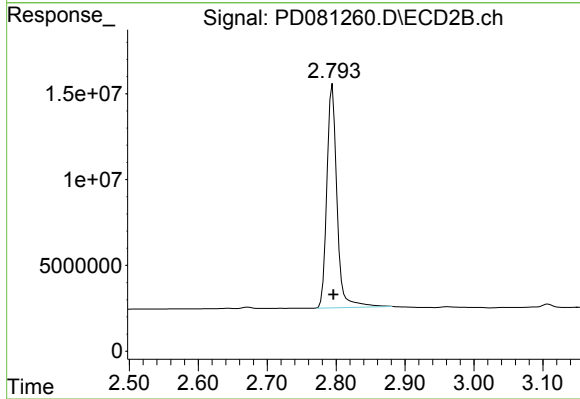
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 74475004
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

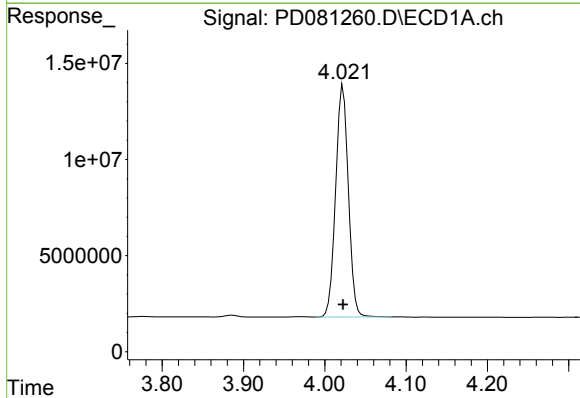
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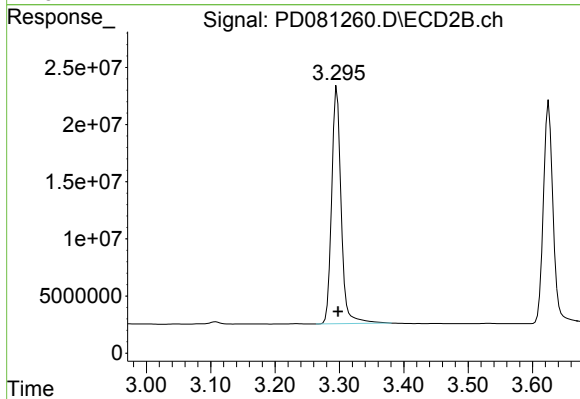
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 132909578
Conc: 55.56 ng/ml



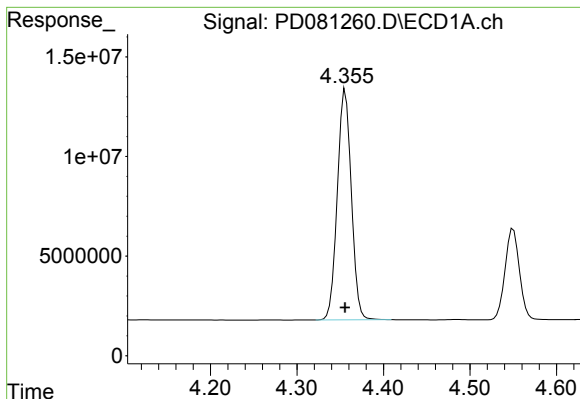
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 131058423
Conc: 52.76 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 212384255
Conc: 55.35 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 129300134
Conc: 52.83 ng/ml

Instrument :

ECD_D

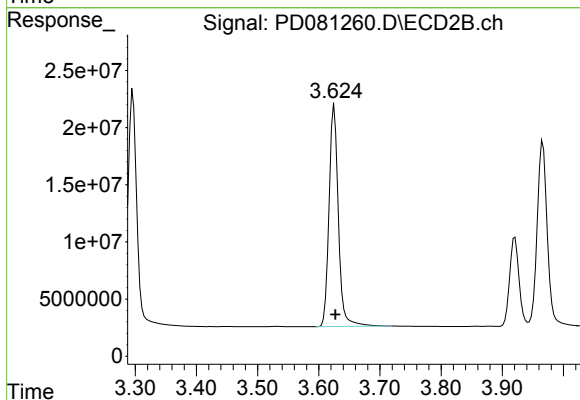
ClientSampleId :

PSTDCCC050

Manual Integrations

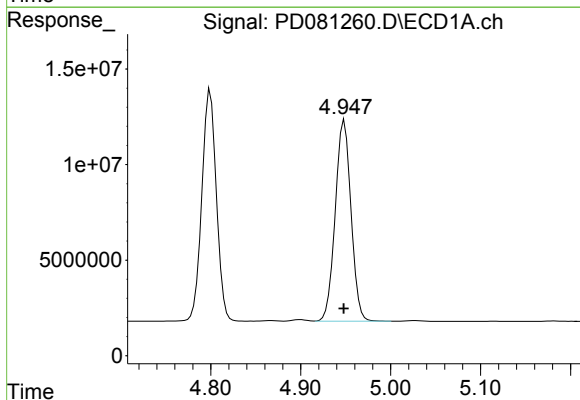
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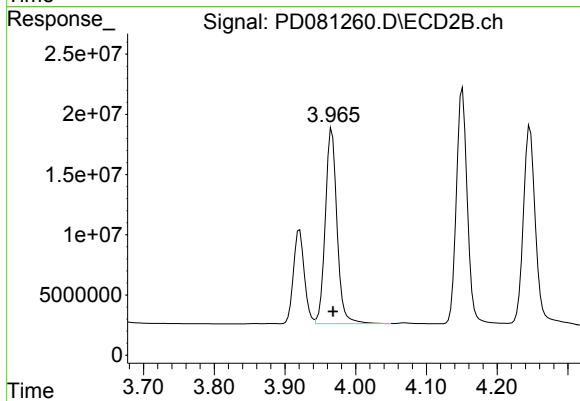
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 205213637
Conc: 54.89 ng/ml



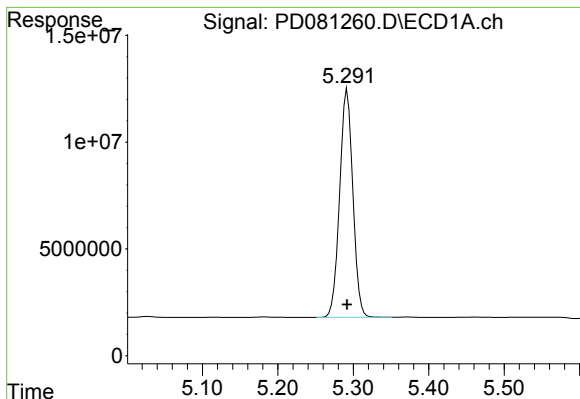
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 128165582
Conc: 51.97 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 185974242
Conc: 53.94 ng/ml



#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 129979381
Conc: 52.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

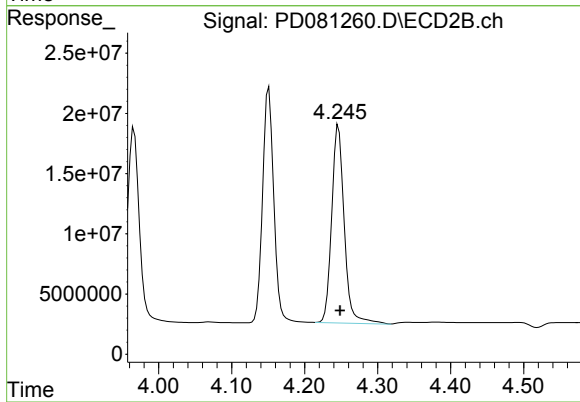
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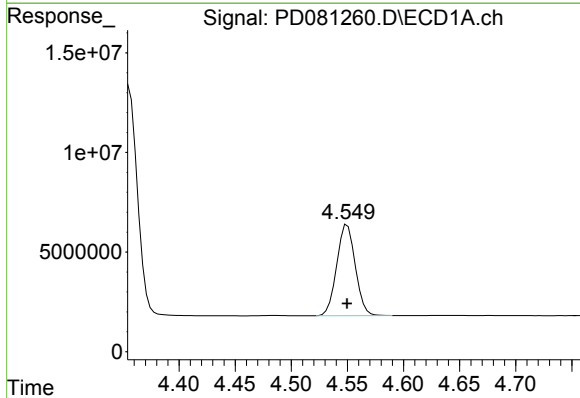
Reviewed By :Abdul Mirza 02/12/2024

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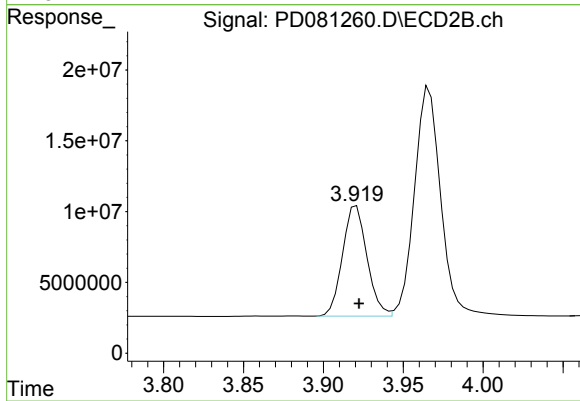
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.003 min
Response: 196581464
Conc: 53.98 ng/ml m



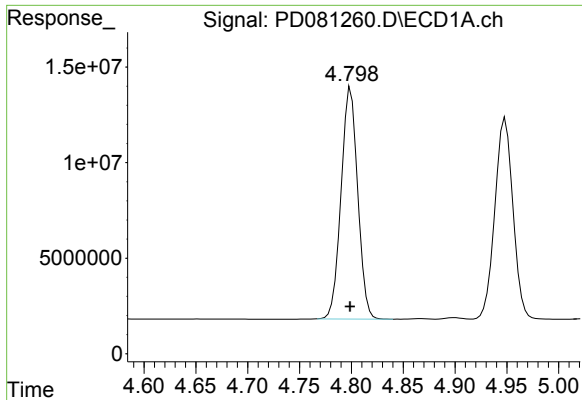
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 52655603
Conc: 52.04 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 83136846
Conc: 53.20 ng/ml



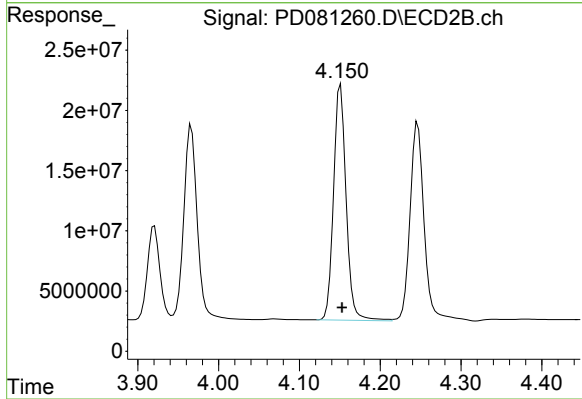
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 135255012
Conc: 53.91 ng/ml

Instrument :
ECD_D
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PSTDCCC050

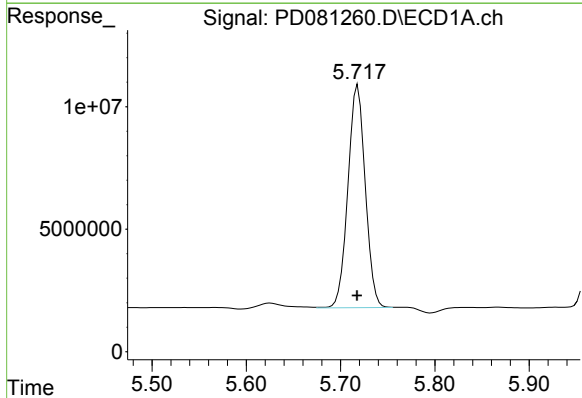
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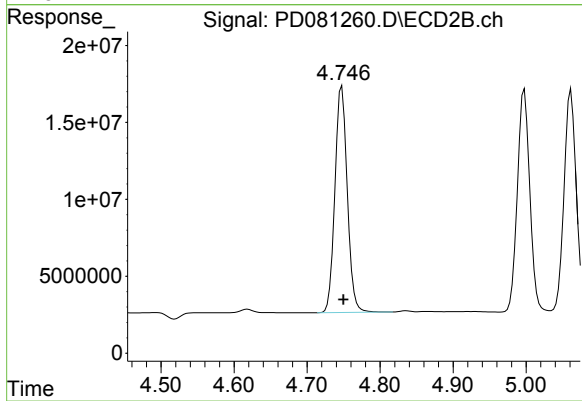
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 211821102
Conc: 56.44 ng/ml



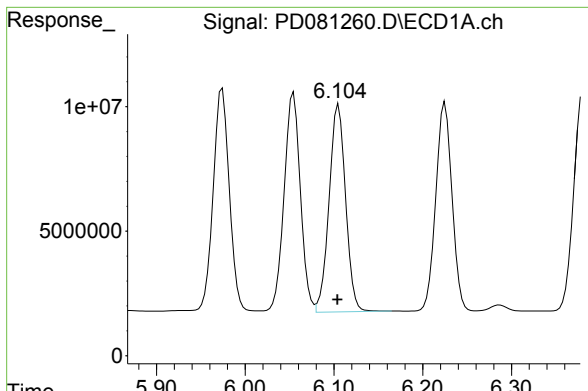
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 116333925
Conc: 51.95 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 172943222
Conc: 51.63 ng/ml



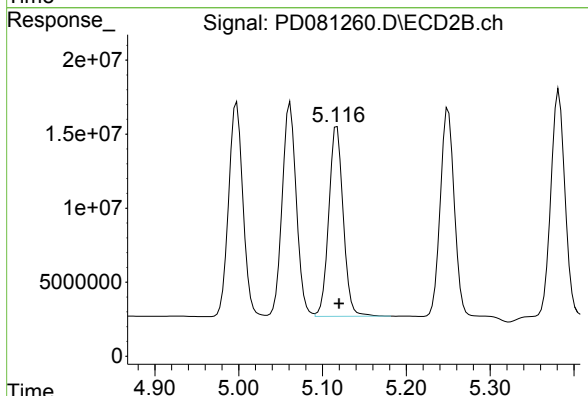
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 107730974
Conc: 51.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

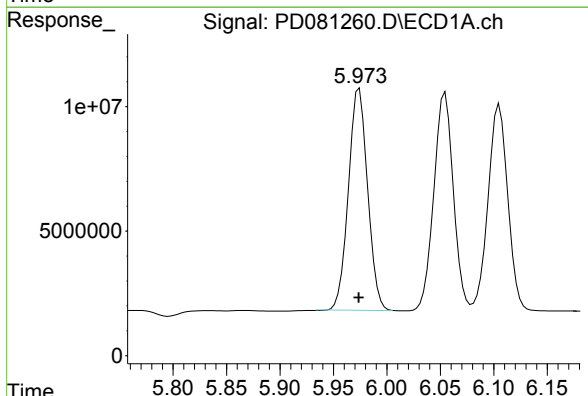
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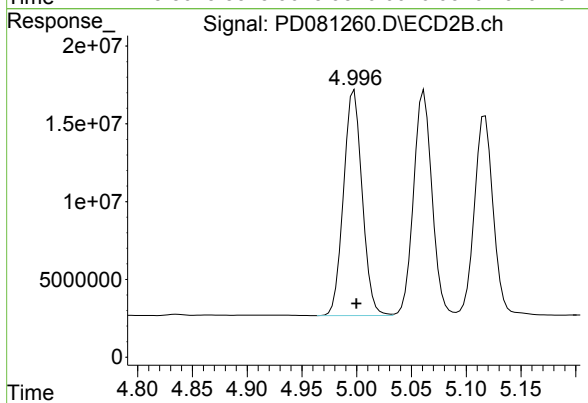
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 153168178
Conc: 50.01 ng/ml



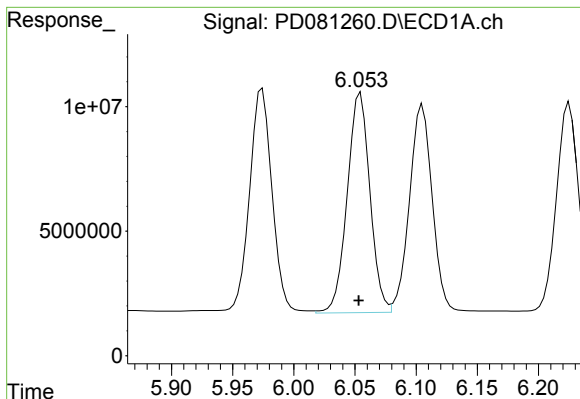
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 111433572
Conc: 50.90 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 171462362
Conc: 52.42 ng/ml



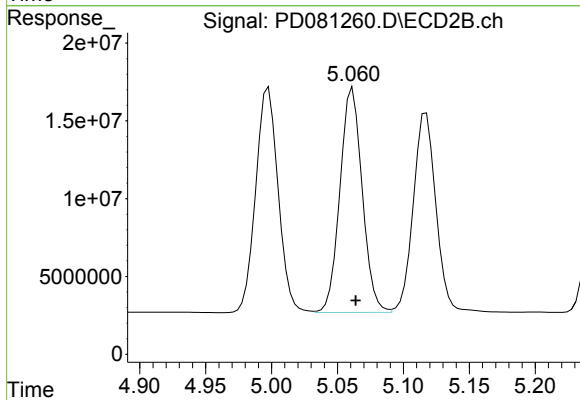
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 114131451
Conc: 52.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

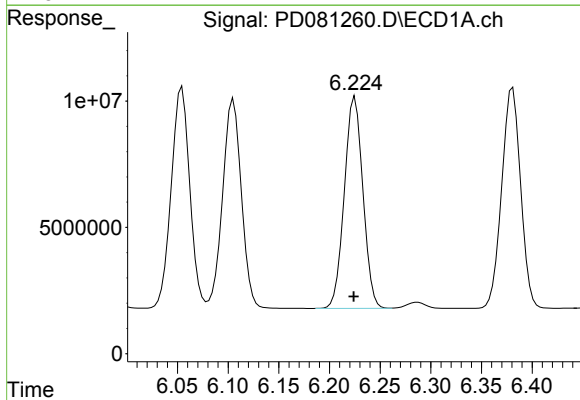
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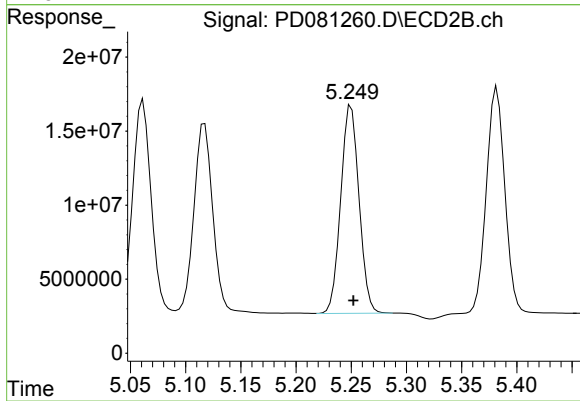
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 169480104
Conc: 51.84 ng/ml



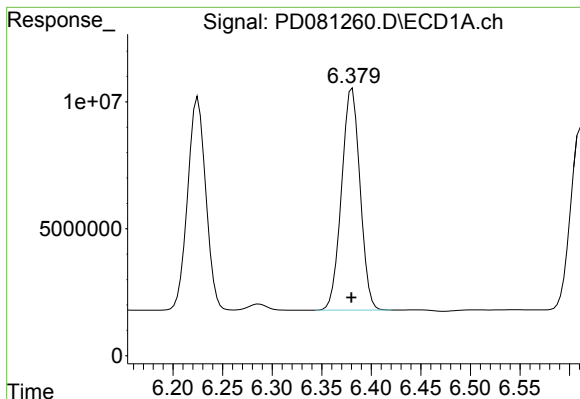
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 106693837
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 162225308
Conc: 52.96 ng/ml m



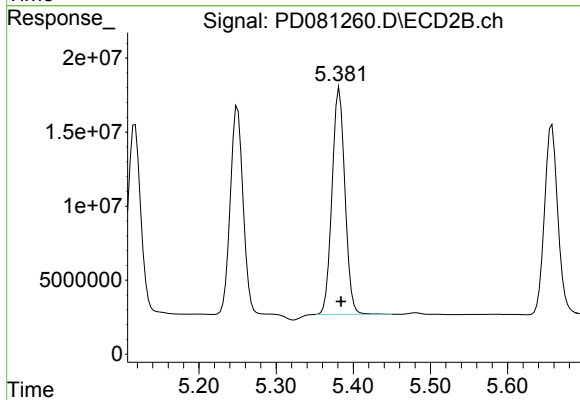
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 113550798
Conc: 51.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

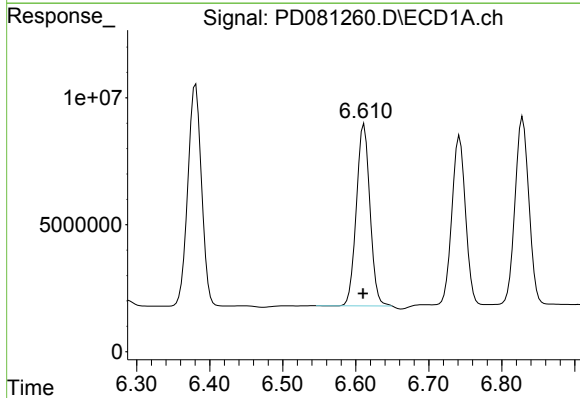
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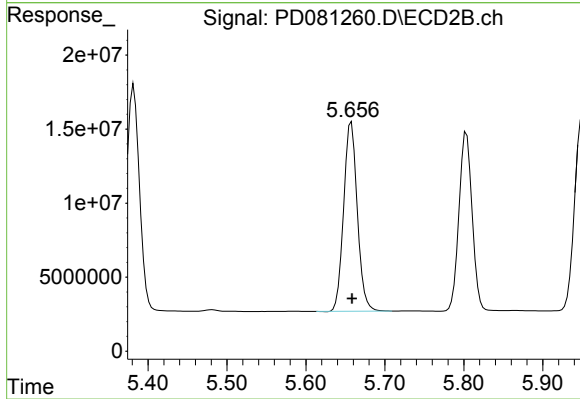
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 178553716
Conc: 52.50 ng/ml



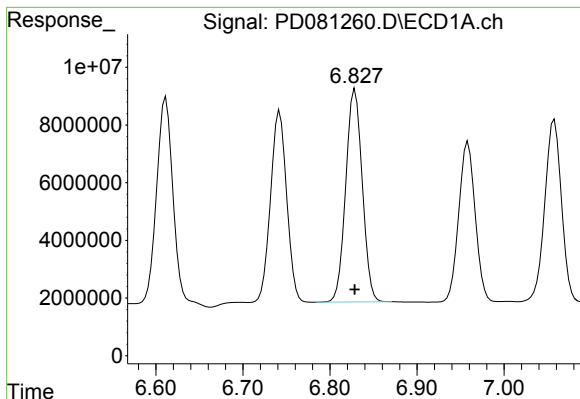
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.001 min
Response: 92774254
Conc: 49.67 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 153555943
Conc: 51.82 ng/ml



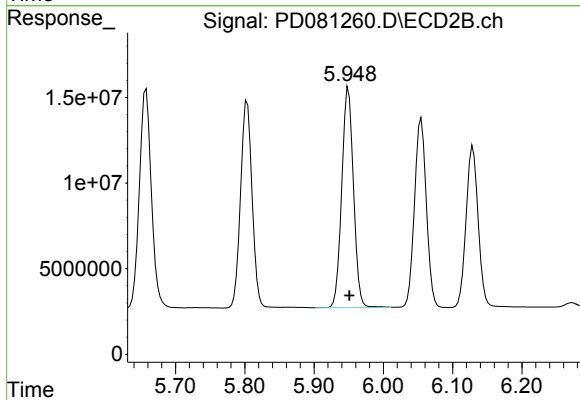
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 97135685
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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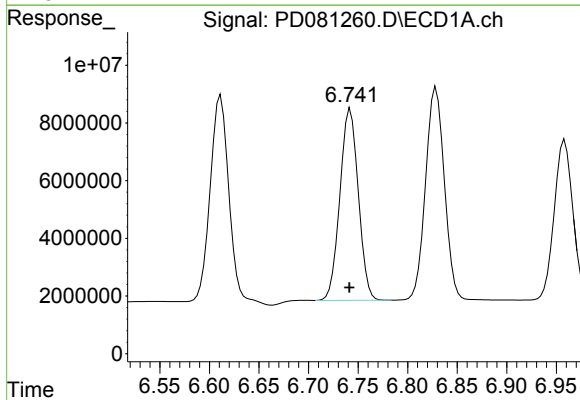
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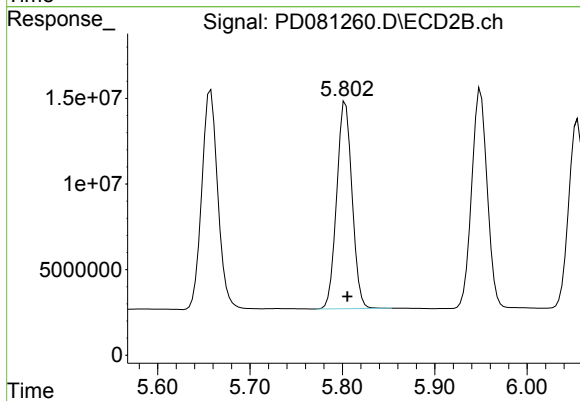
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 151083665
Conc: 52.53 ng/ml



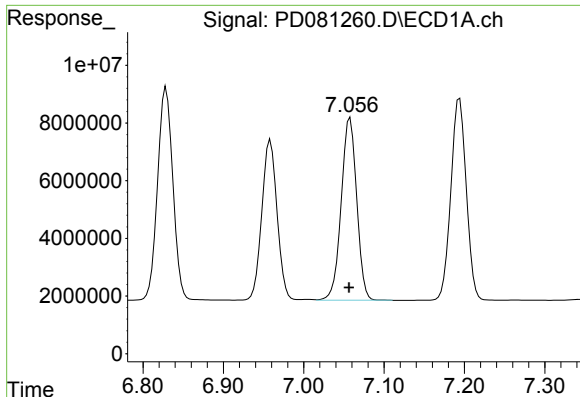
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 85787065
Conc: 52.21 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 139600128
Conc: 53.18 ng/ml



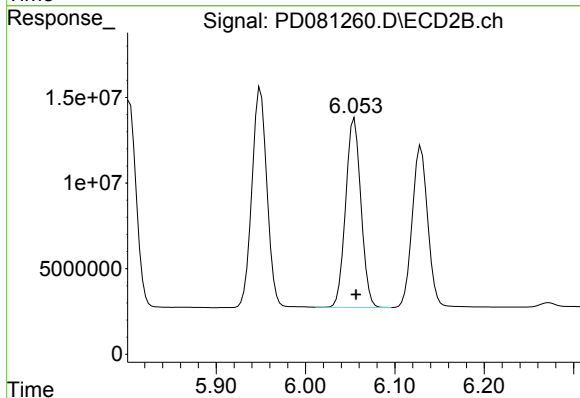
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 84829276
Conc: 47.63 ng/ml

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ECD_D
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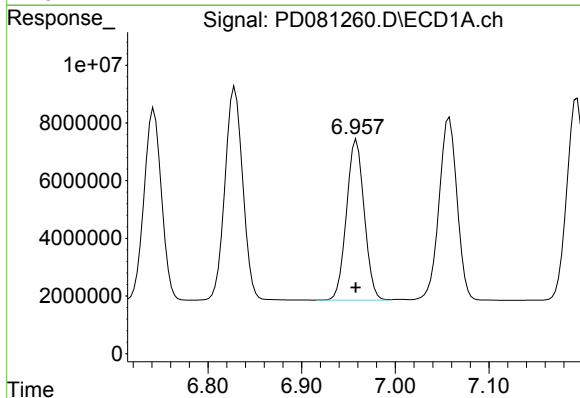
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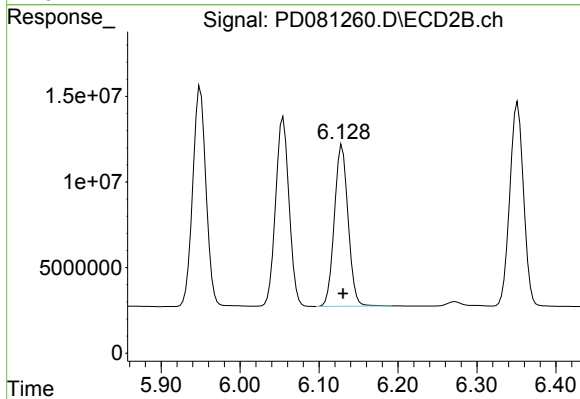
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 131263966
Conc: 49.48 ng/ml



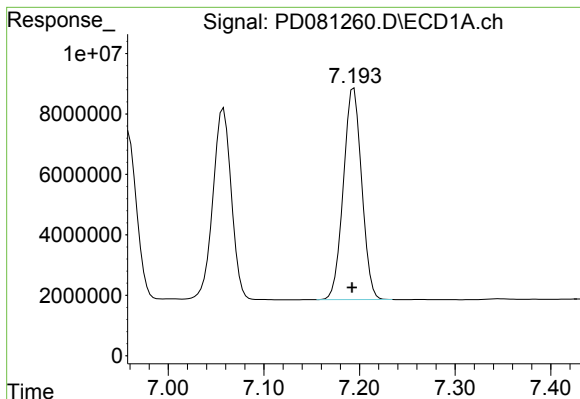
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 73312836
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 113918732
Conc: 50.53 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 93344844
Conc: 49.16 ng/ml

Instrument :

ECD_D

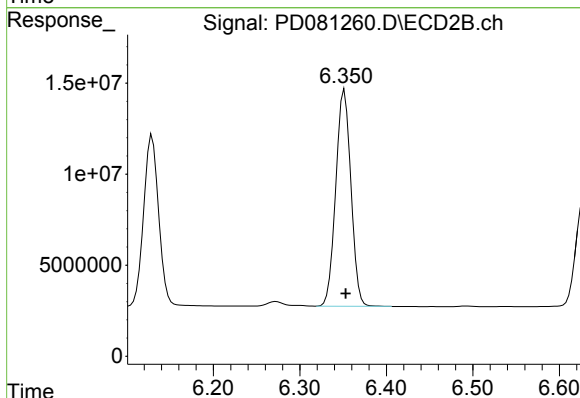
ClientSampleId :

PSTDCCC050

Manual Integrations

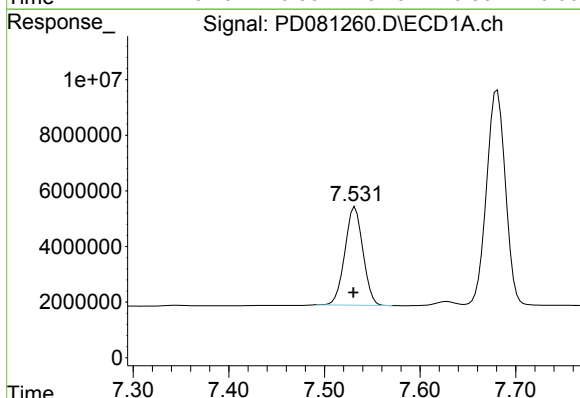
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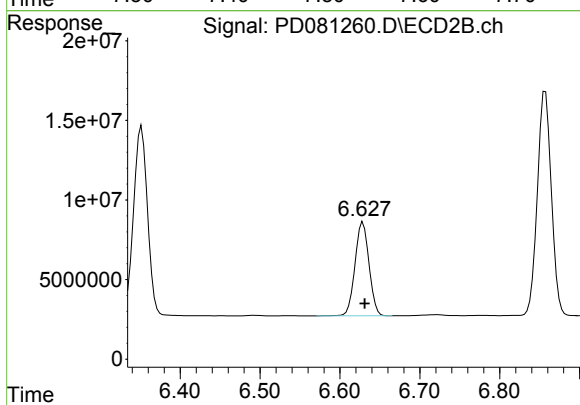
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 144156977
Conc: 51.68 ng/ml



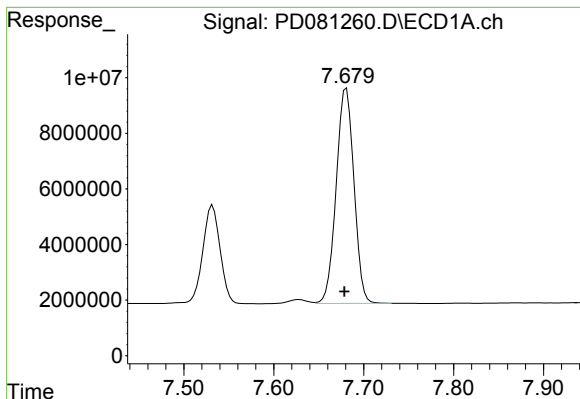
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 46436640
Conc: 45.12 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 71910542
Conc: 45.94 ng/ml



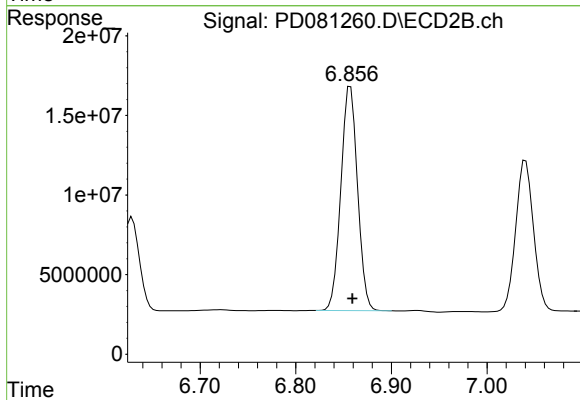
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 106181360
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

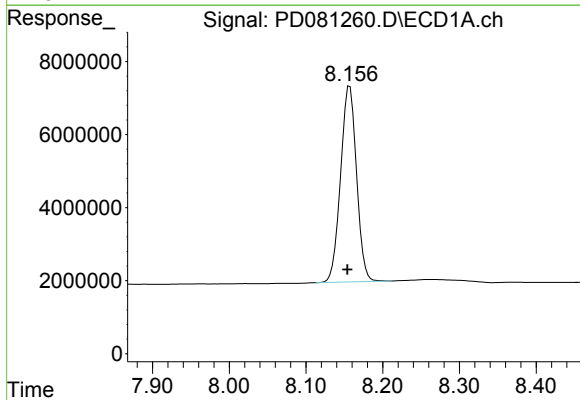
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



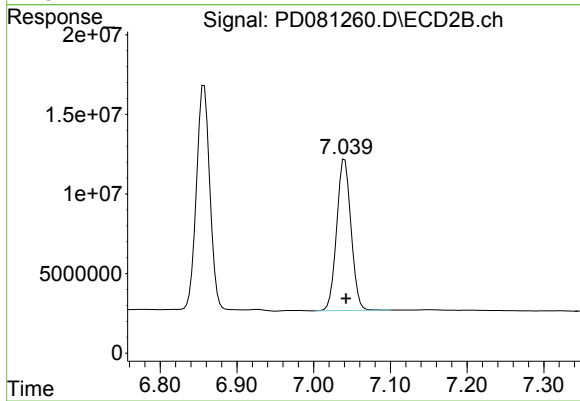
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 171222528
Conc: 53.06 ng/ml



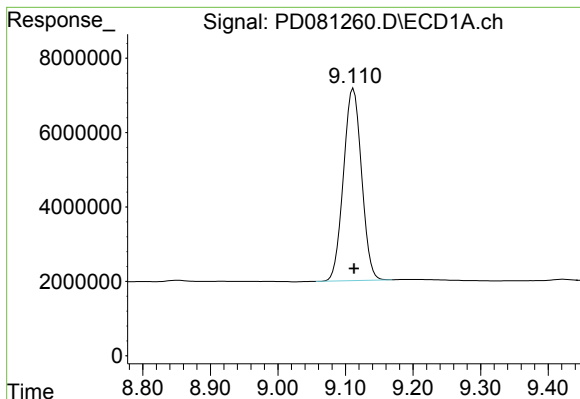
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 77668043
Conc: 47.09 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 123765847
Conc: 49.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.001 min
Response: 95943088
Conc: 47.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

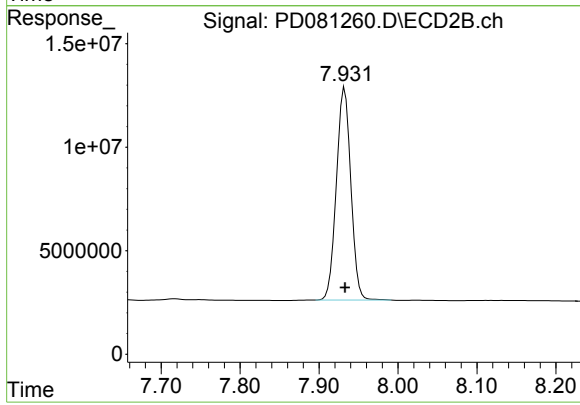
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 130615339
Conc: 49.04 ng/ml