

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 19:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:39:17 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	2.768	107.7E6	52993262	50.542	48.845
28)	SA Decachlor...	9.085	7.911	111.7E6	45828842	44.104	46.870
Target Compounds							
2)	A alpha-BHC	4.003	3.270	190.3E6	79143457	51.550	49.472
3)	MA gamma-BHC...	4.336	3.599	174.0E6	72457694	51.715	49.176
4)	MA Heptachlor	4.927	3.940	176.7E6	71509766	49.275	47.081
5)	MB Aldrin	5.269	4.220	175.4E6	71352265	50.040	47.849
6)	B beta-BHC	4.532	3.896	71828079	31563038	49.960	49.518
7)	B delta-BHC	4.780	4.126	176.0E6	73865757	52.955	50.978
8)	B Heptachlo...	5.696	4.722	158.0E6	64787746	49.038	47.165
9)	A Endosulfan I	6.084	5.092	145.4E6	59900478	48.476	46.863
10)	B gamma-Chl...	5.953	4.972	159.8E6	65775953	49.601	47.938
11)	B alpha-Chl...	6.032	5.036	157.1E6	64854618	48.605	47.278
12)	B 4,4'-DDE	6.205	5.226	143.9E6	58888812	50.342	52.760
13)	MA Dieldrin	6.359	5.357	152.6E6	64328010	48.839	47.680
14)	MA Endrin	6.590	5.633	124.3E6	54689428	46.471	44.938
15)	B Endosulfa...	6.809	5.927	122.0E6	51940016	47.224	48.144
16)	A 4,4'-DDD	6.723	5.781	120.0E6	51074198	52.713	57.955
17)	MA 4,4'-DDT	7.038	6.032	111.0E6	43894601	48.902	54.038
18)	B Endrin al...	6.937	6.106	96628322	41555495	48.155m	48.014
19)	B Endosulfa...	7.174	6.329	121.4E6	52961884	48.195	49.011
20)	A Methoxychlor	7.513	6.607	59637390	24722413	46.074	53.414
21)	B Endrin ke...	7.660	6.835	137.9E6	61771895	49.490	50.843
22)	Mirex	8.135	7.018	98015329	47567943	45.747	45.380

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
Data File : PD075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 19:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

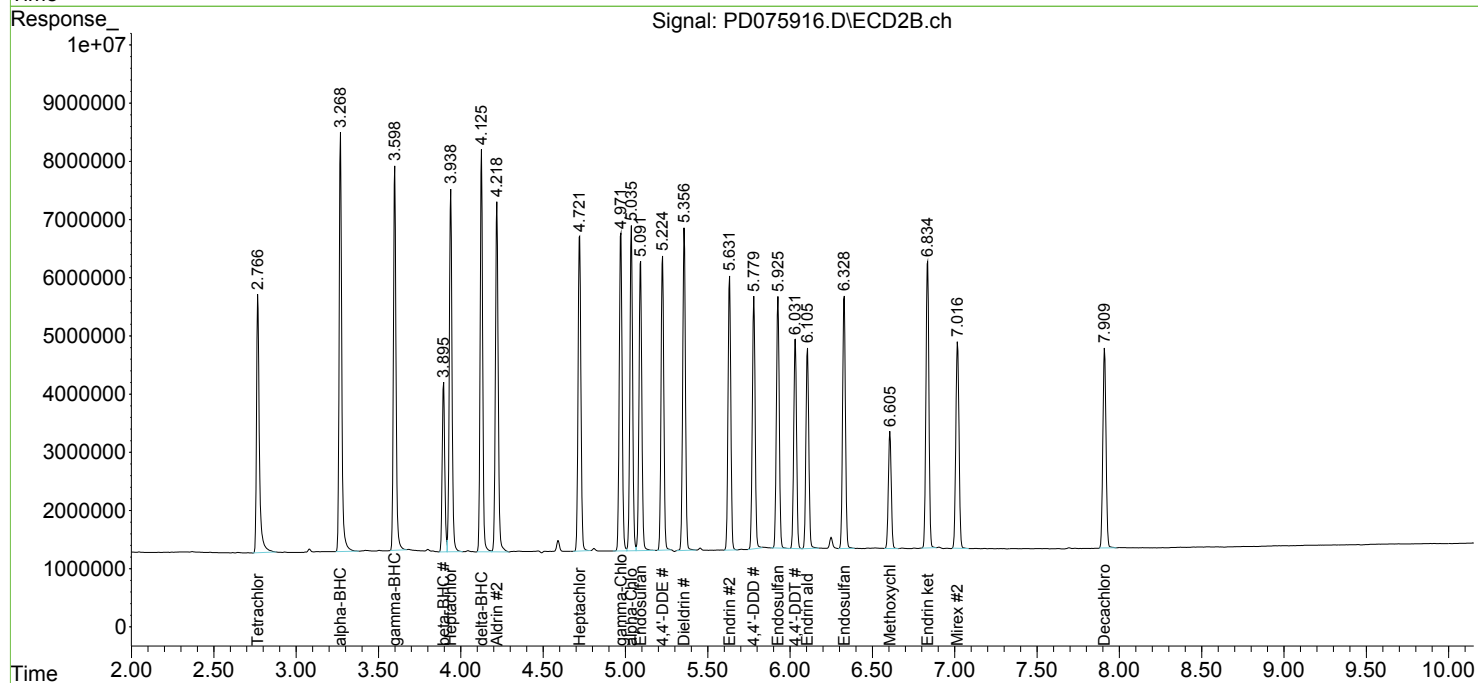
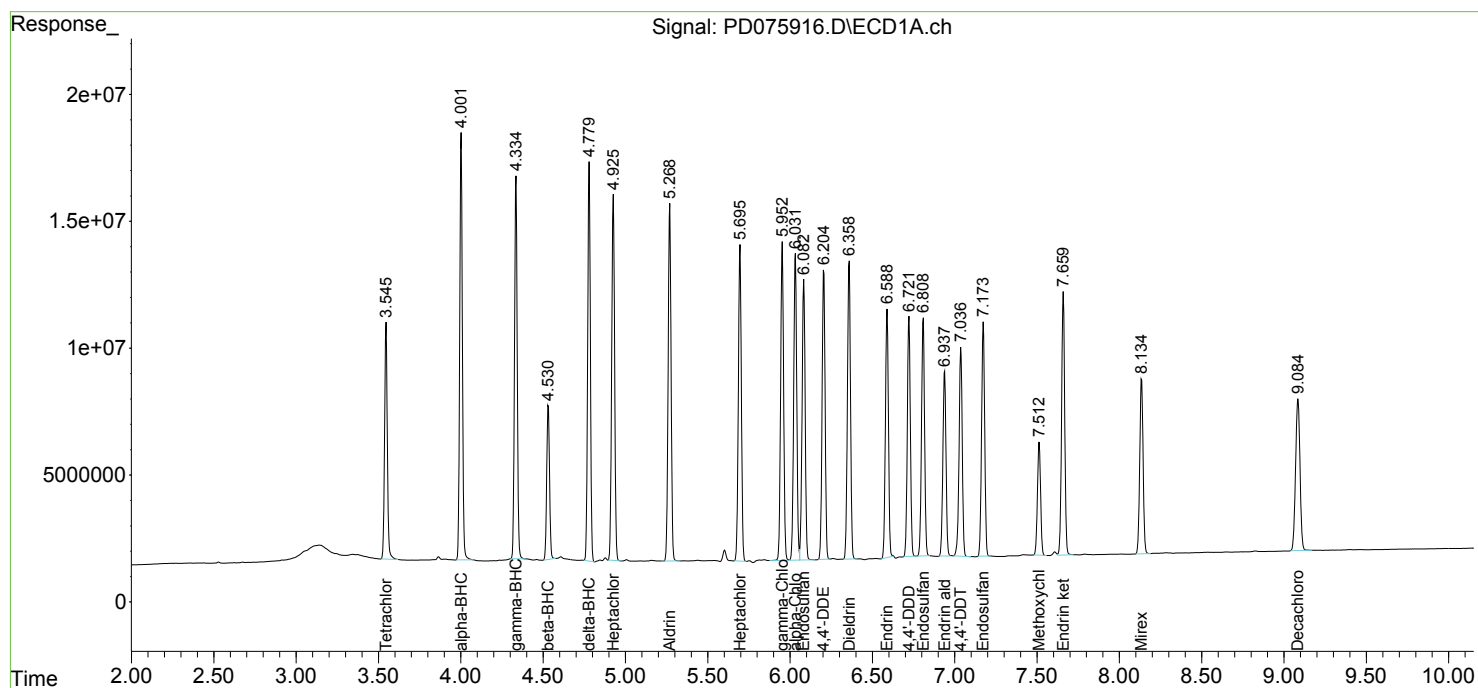
APPROVED

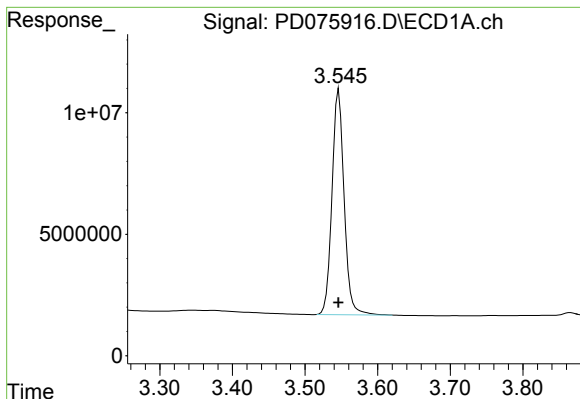
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 22:39:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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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.: 0.000 min
Response: 107661822
Conc: 50.54 ng/ml

Instrument :

ECD_D

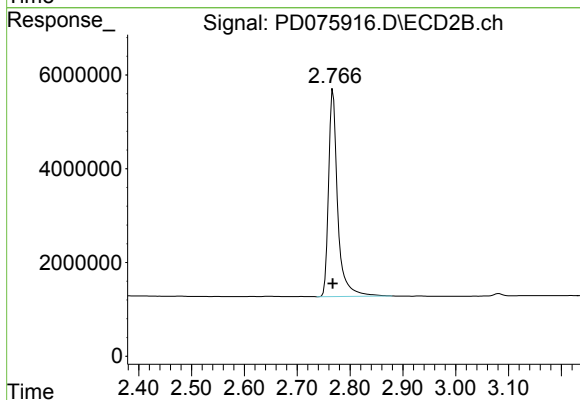
ClientSampleId :

PSTDCCC050

Manual Integrations

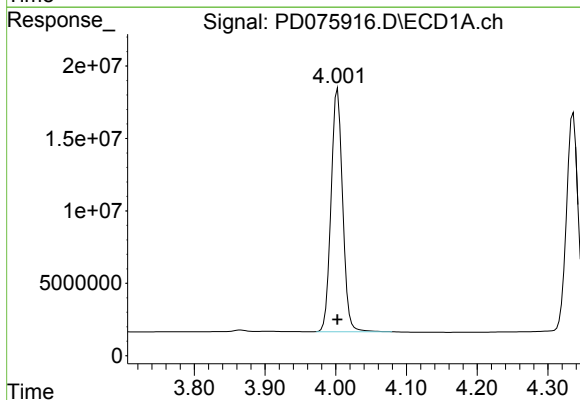
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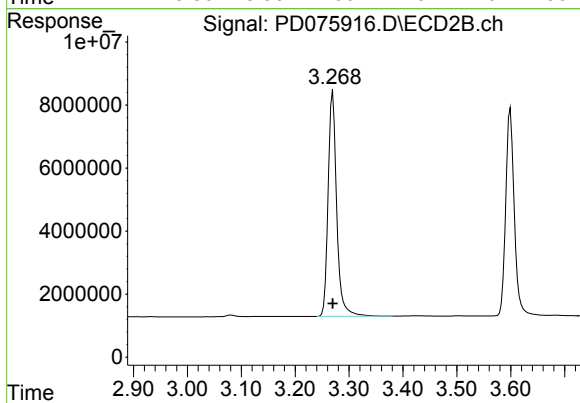
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 52993262
Conc: 48.84 ng/ml



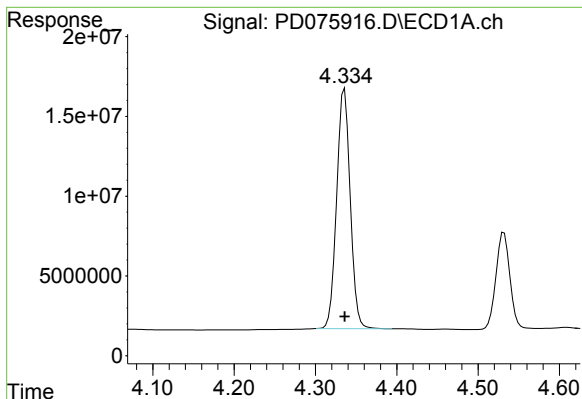
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 190327465
Conc: 51.55 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 79143457
Conc: 49.47 ng/ml



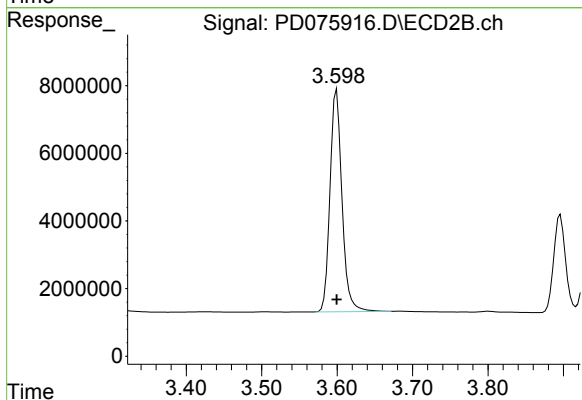
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 174016278
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

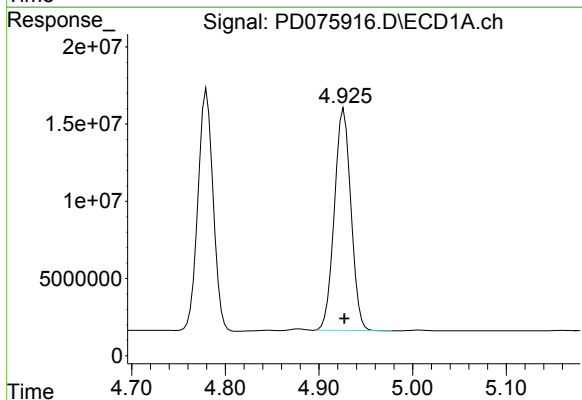
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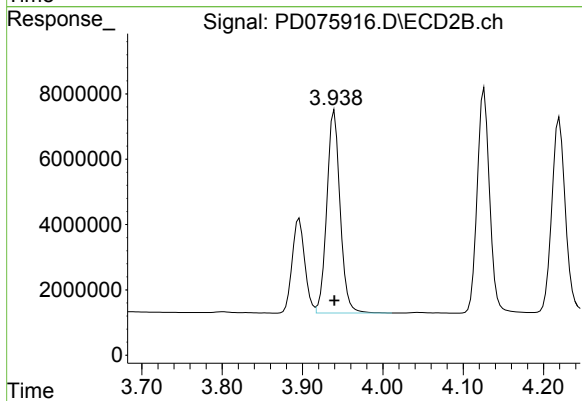
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 72457694
Conc: 49.18 ng/ml



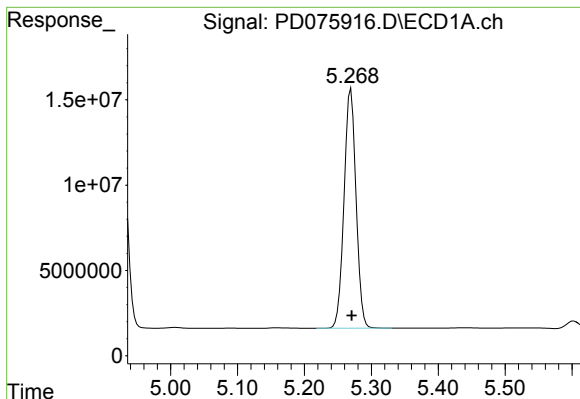
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 176731605
Conc: 49.28 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 71509766
Conc: 47.08 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 175352487
Conc: 50.04 ng/ml

Instrument :

ECD_D

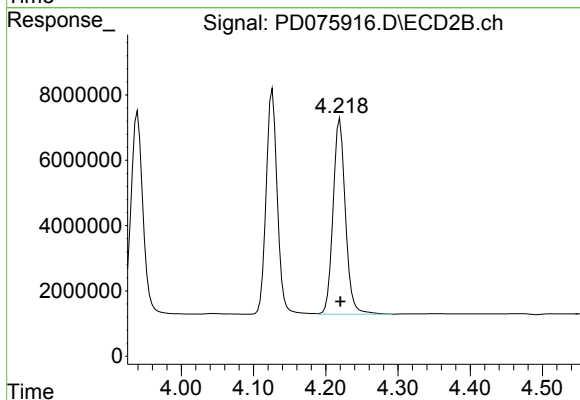
ClientSampleId :

PSTDCCC050

Manual Integrations

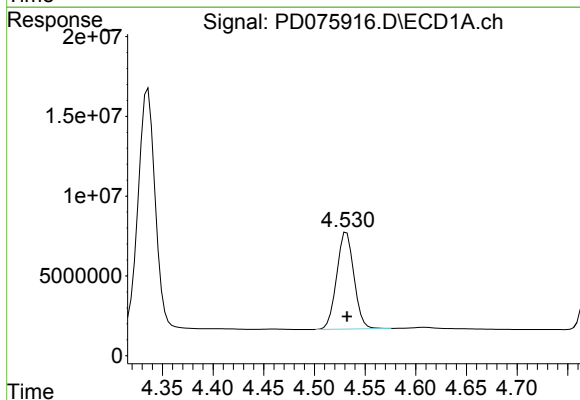
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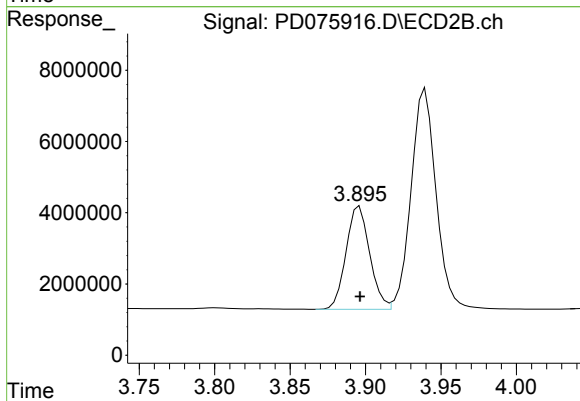
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 71352265
Conc: 47.85 ng/ml



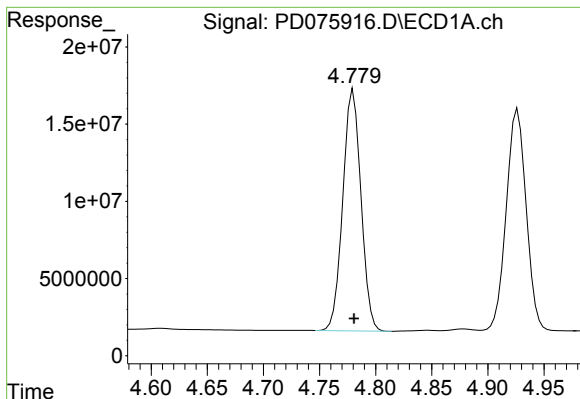
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 71828079
Conc: 49.96 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 31563038
Conc: 49.52 ng/ml



#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 176005392
Conc: 52.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

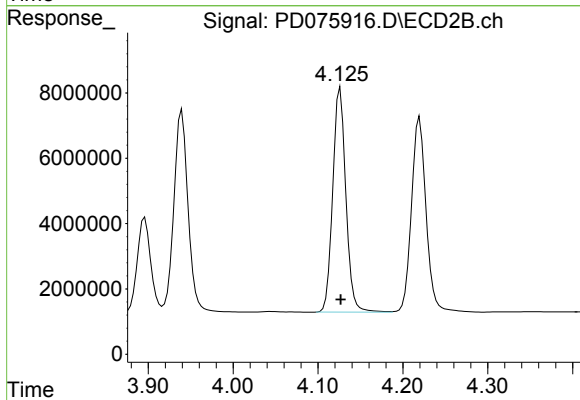
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Manual Integrations

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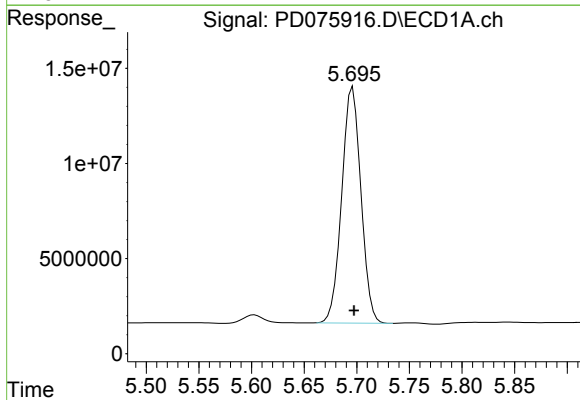
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023



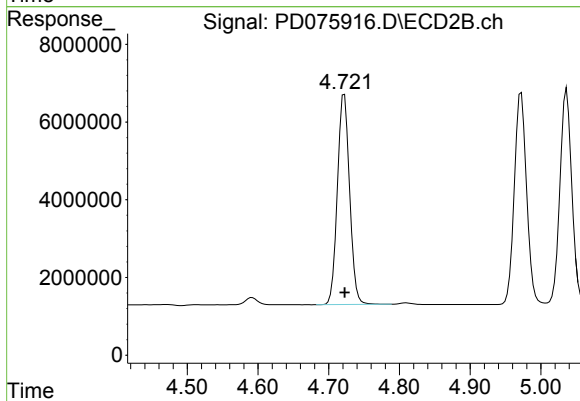
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 73865757
Conc: 50.98 ng/ml



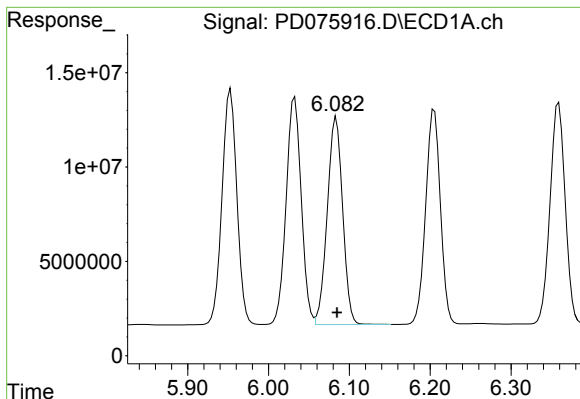
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 158014381
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 64787746
Conc: 47.17 ng/ml



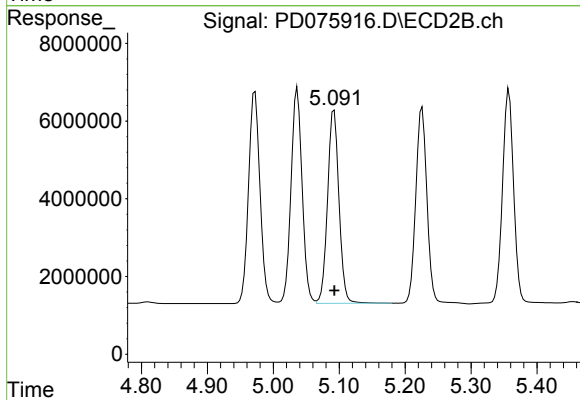
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 145402772
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

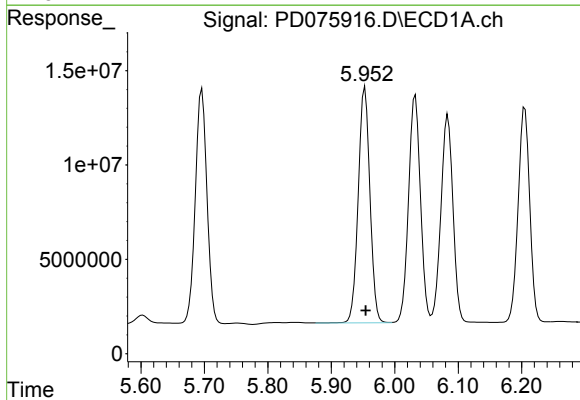
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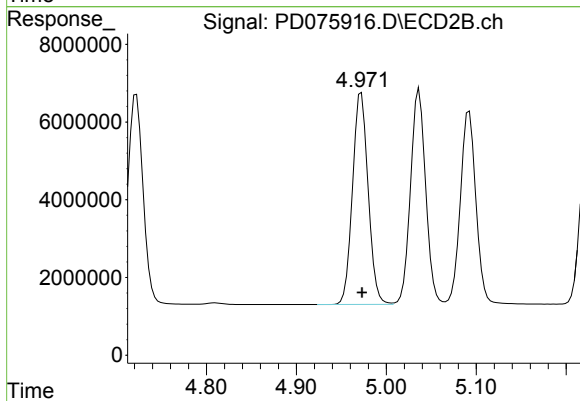
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 59900478
Conc: 46.86 ng/ml



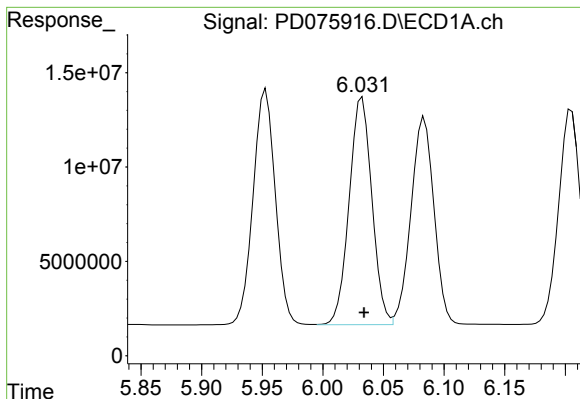
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 159781336
Conc: 49.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 65775953
Conc: 47.94 ng/ml



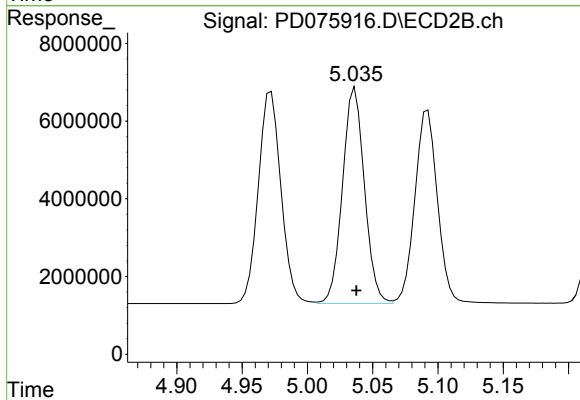
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 157134149
Conc: 48.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

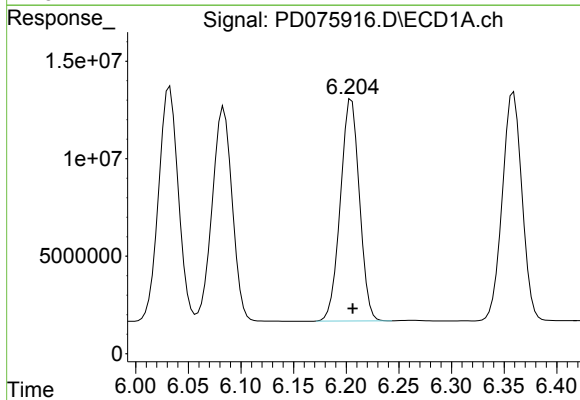
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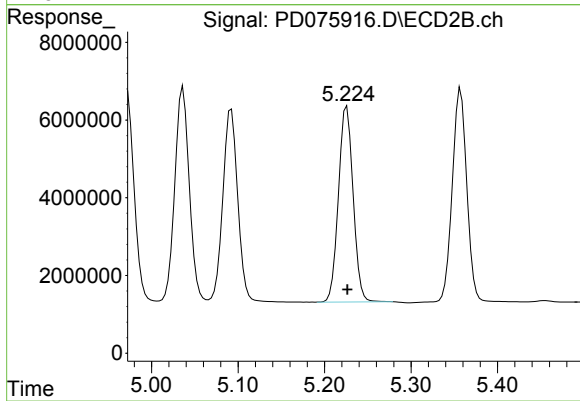
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 64854618
Conc: 47.28 ng/ml



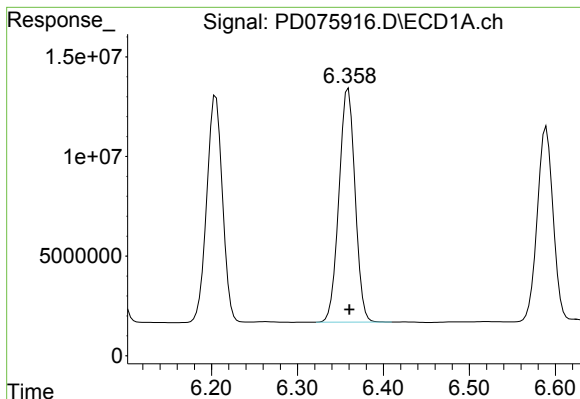
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 143885275
Conc: 50.34 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 58888812
Conc: 52.76 ng/ml



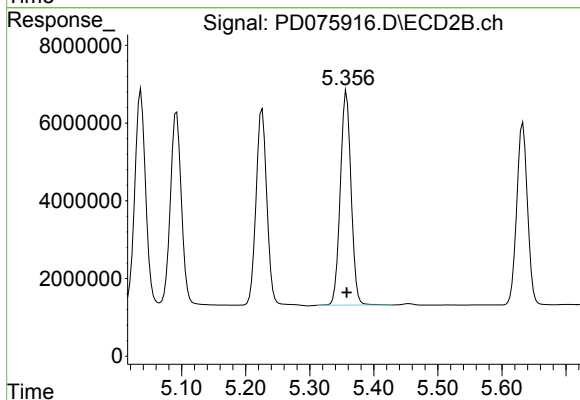
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 152620548
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

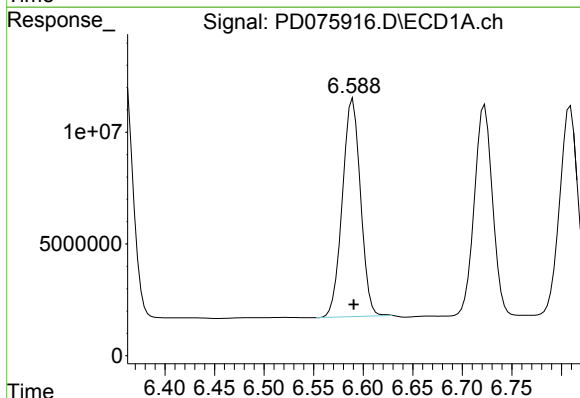
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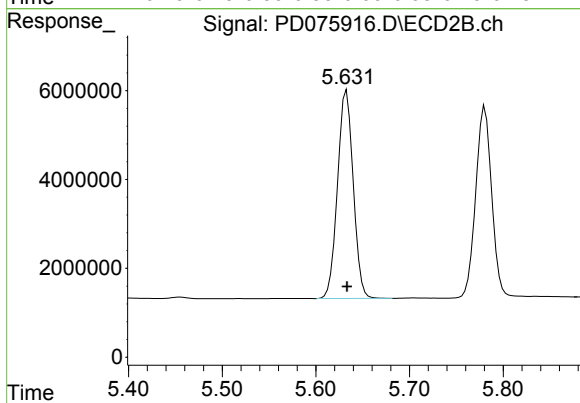
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 64328010
Conc: 47.68 ng/ml



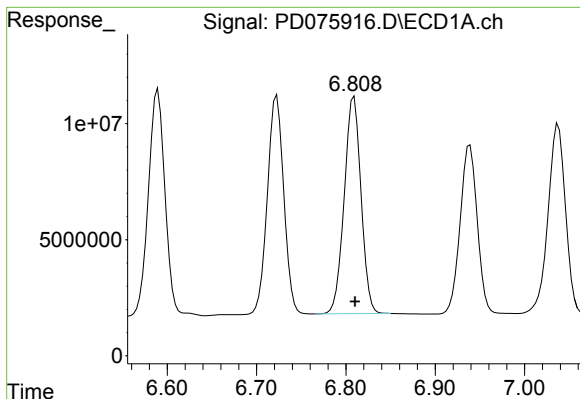
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 124279404
Conc: 46.47 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 54689428
Conc: 44.94 ng/ml



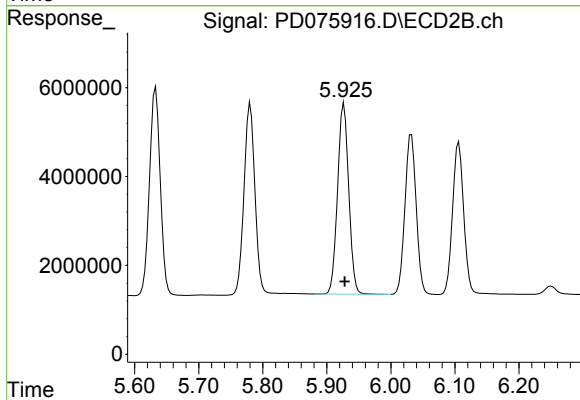
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 122008436
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

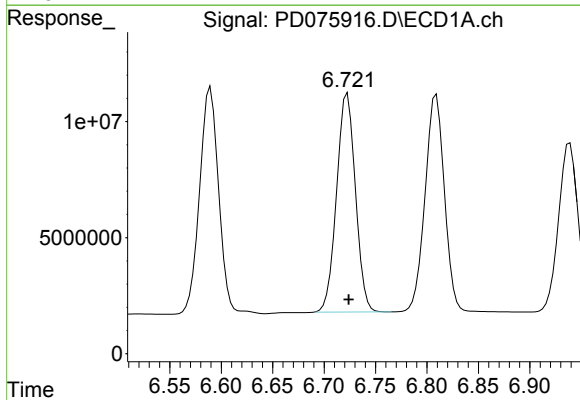
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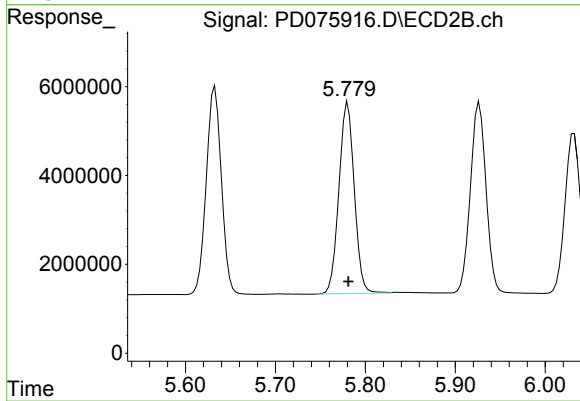
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 51940016
Conc: 48.14 ng/ml



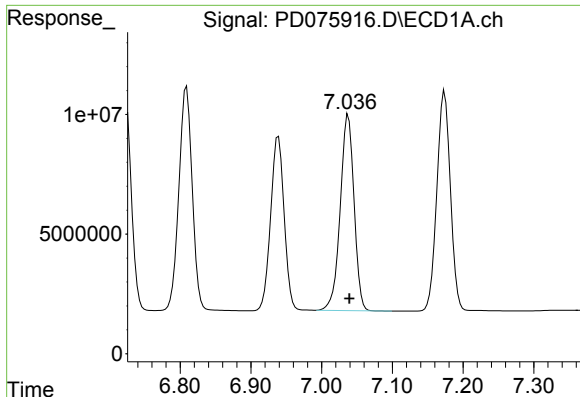
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 119954429
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 51074198
Conc: 57.96 ng/ml



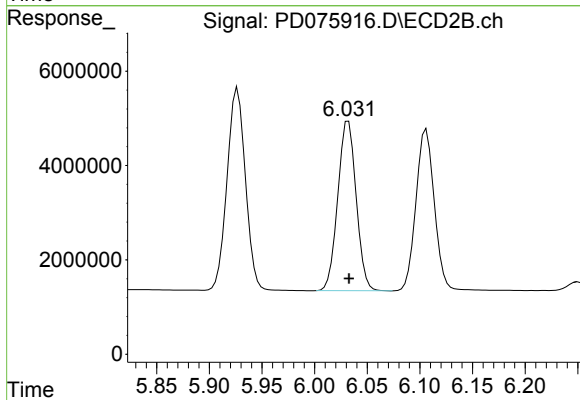
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 110971636
Conc: 48.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

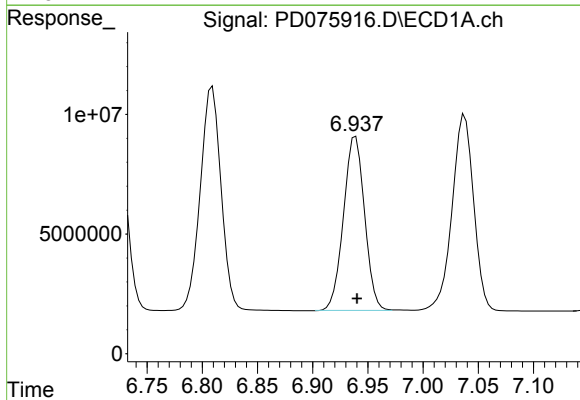
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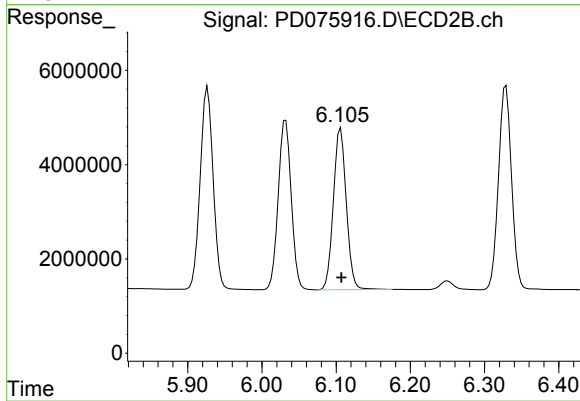
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 43894601
Conc: 54.04 ng/ml



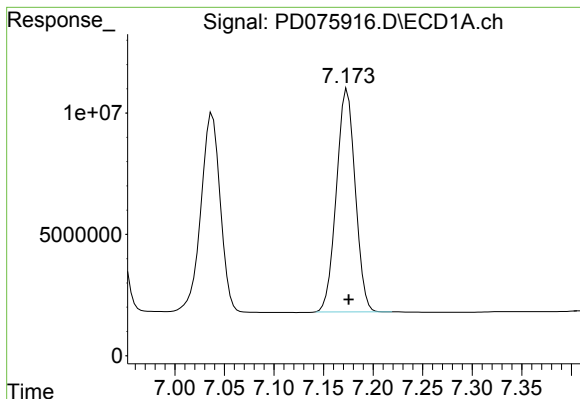
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 96628322
Conc: 48.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 41555495
Conc: 48.01 ng/ml



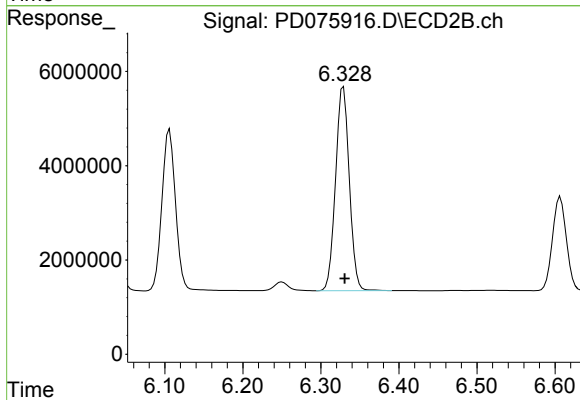
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 121420925
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

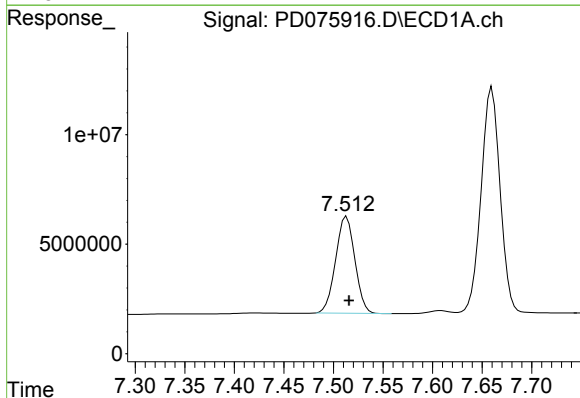
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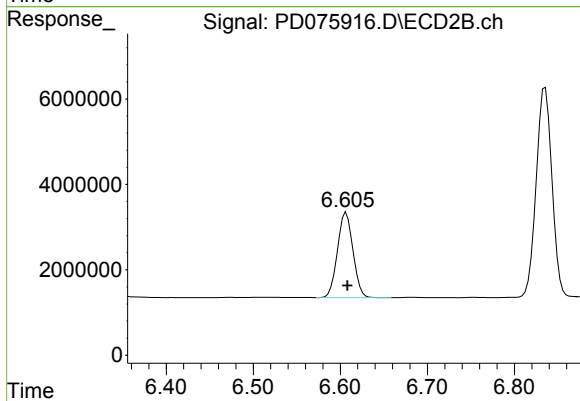
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 52961884
Conc: 49.01 ng/ml



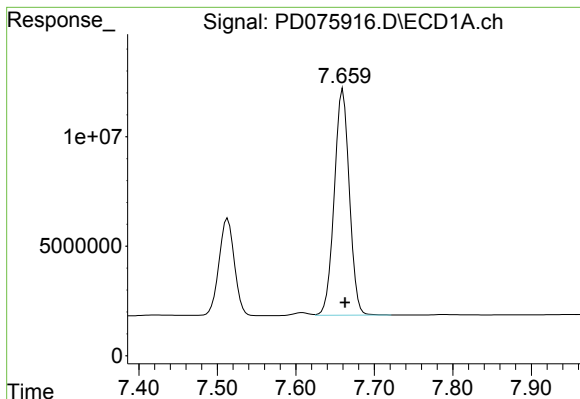
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 59637390
Conc: 46.07 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 24722413
Conc: 53.41 ng/ml



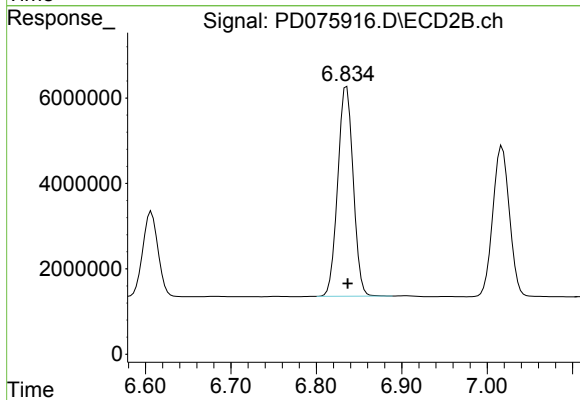
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 137875367
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

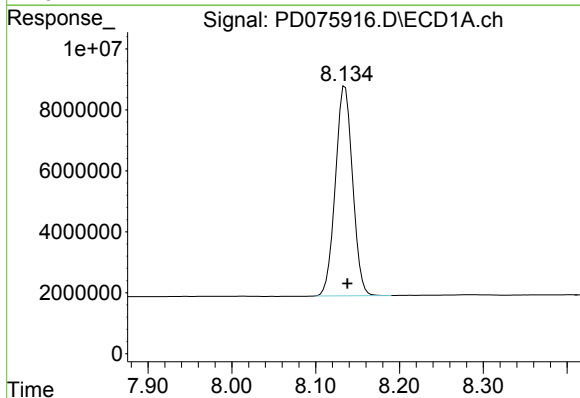
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



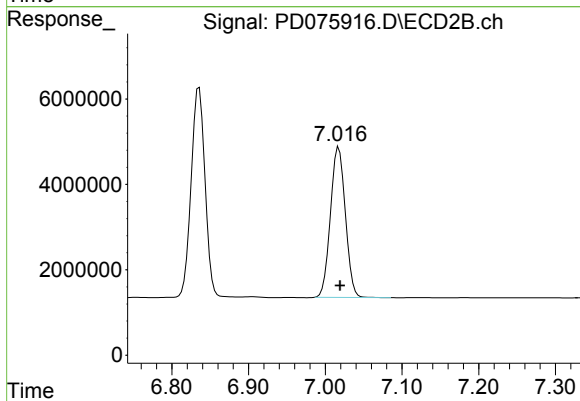
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 61771895
Conc: 50.84 ng/ml



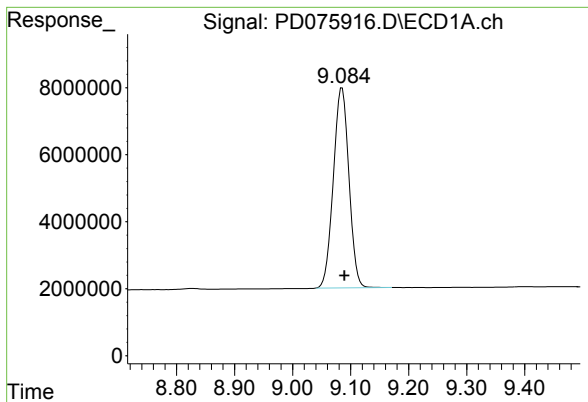
#22 Mirex

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 98015329
Conc: 45.75 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 47567943
Conc: 45.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.004 min
Response: 111731373
Conc: 44.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

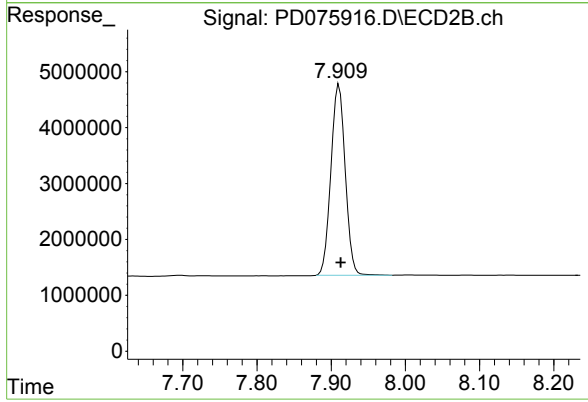
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 45828842
Conc: 46.87 ng/ml