

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
 Data File : PD076068.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 21:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 07:29:06 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...	3.545	2.767	100.2E6	51138084	47.039	47.135
28)	SA Decachlor...	9.084	7.910	114.4E6	48215528	45.147	49.310
Target Compounds							
2)	A alpha-BHC	4.002	3.269	175.9E6	76165996	47.650	47.611
3)	MA gamma-BHC...	4.335	3.599	161.4E6	70646207	47.951	47.947
4)	MA Heptachlor	4.927	3.939	169.0E6	72557515	47.129	47.771
5)	MB Aldrin	5.269	4.219	164.1E6	70635619	46.825	47.369
6)	B beta-BHC	4.531	3.896	67160464	30784132	46.713	48.296
7)	B delta-BHC	4.780	4.126	159.9E6	72002062	48.108	49.691
8)	B Heptachlo...	5.696	4.721	149.4E6	64640964	46.369	47.058
9)	A Endosulfan I	6.083	5.091	138.3E6	60086111	46.120	47.008
10)	B gamma-Chl...	5.953	4.972	151.5E6	65773771	47.022	47.936
11)	B alpha-Chl...	6.032	5.035	149.6E6	65195797	46.283	47.527
12)	B 4,4'-DDE	6.204	5.224	136.9E6	58804087	47.881	52.684
13)	MA Dieldrin	6.358	5.356	145.7E6	64813766	46.638	48.040
14)	MA Endrin	6.589	5.632	121.2E6	57783271	45.310	47.480
15)	B Endosulfa...	6.808	5.926	117.2E6	52931274	45.348	49.063
16)	A 4,4'-DDD	6.723	5.779	111.0E6	49784034	48.794	56.491
17)	MA 4,4'-DDT	7.037	6.031	114.9E6	48980803	50.644	60.299
18)	B Endrin al...	6.938	6.105	92125886	42100254	45.912m	48.643
19)	B Endosulfa...	7.173	6.328	117.3E6	54135093	46.575	50.097
20)	A Methoxychlor	7.513	6.606	62640799	27629444	48.394	59.695
21)	B Endrin ke...	7.660	6.835	132.7E6	61993076	47.633	51.025
22)	Mirex	8.135	7.017	97420489	50161719	45.469	47.854

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

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Data File : PD076068.D
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Acq On : 22 Jun 2023 21:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

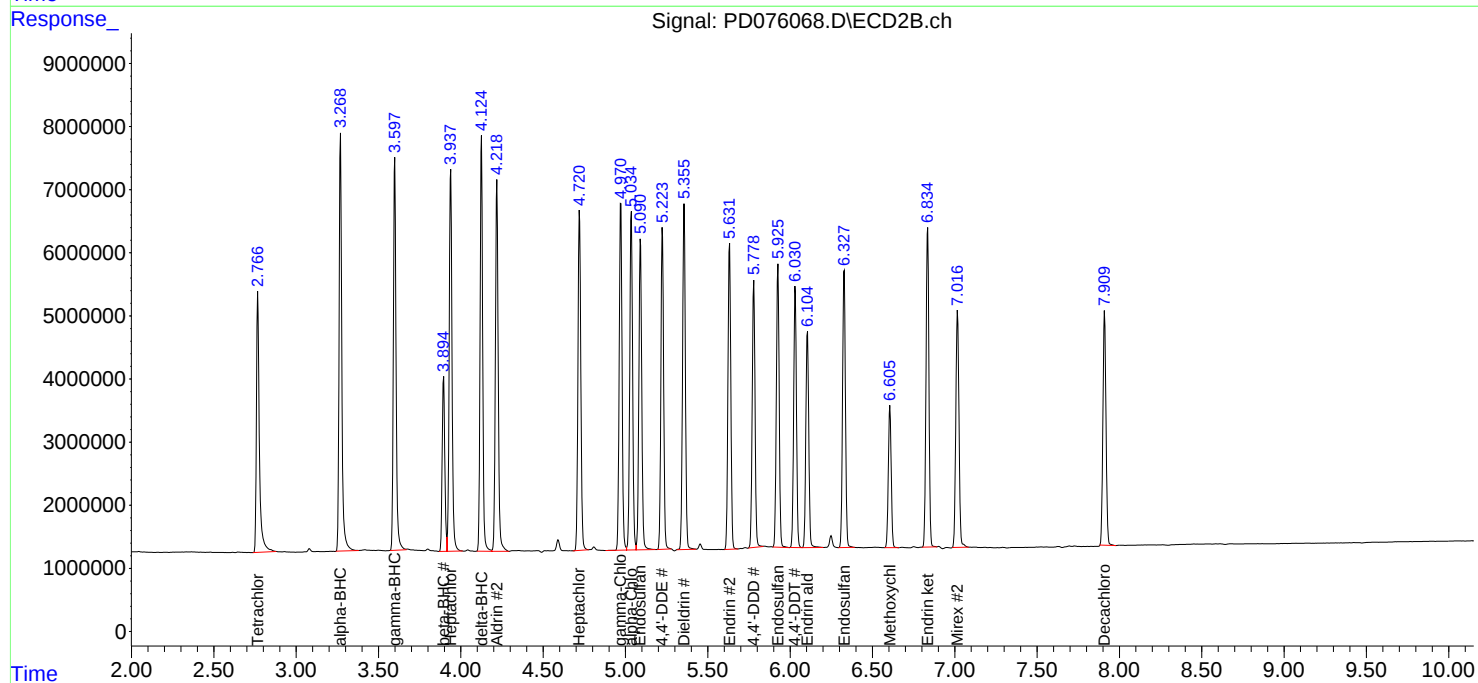
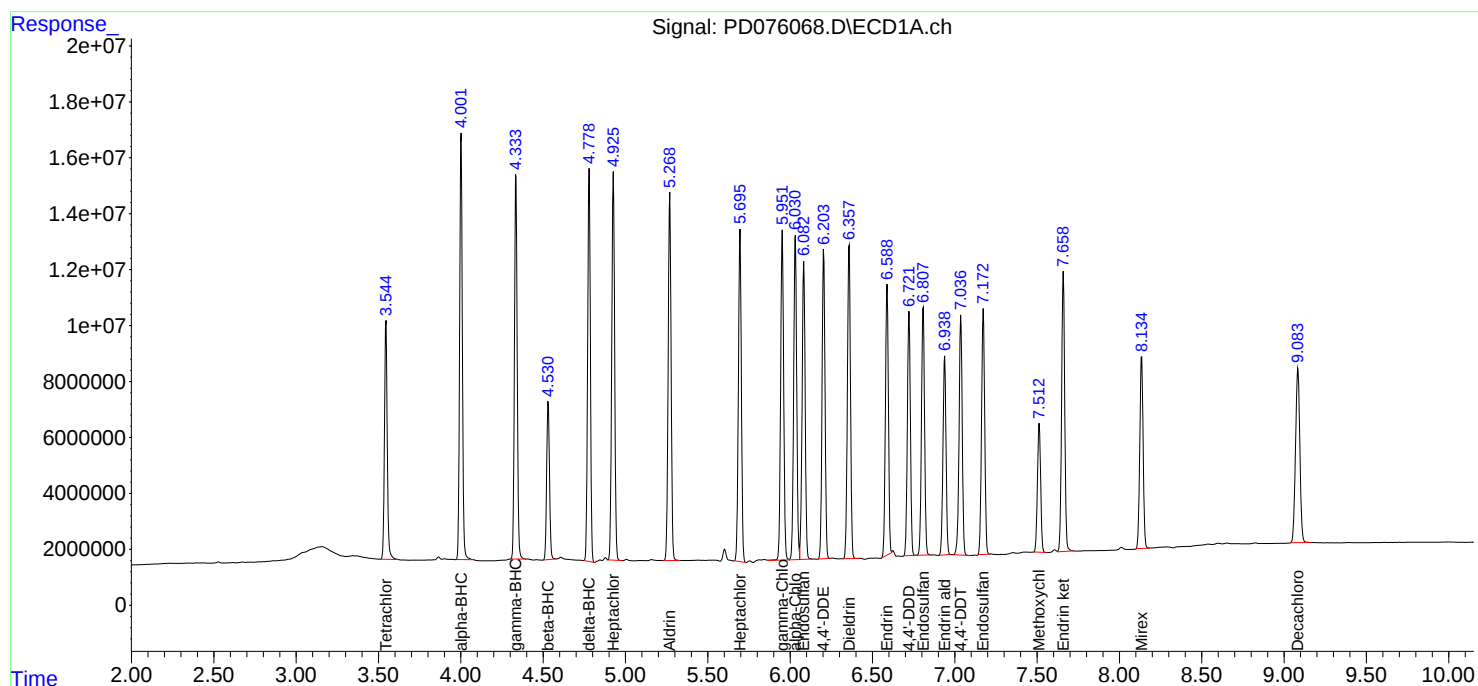
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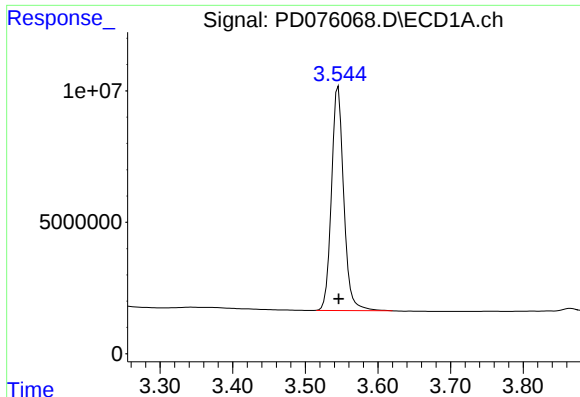
Reviewed By :Abdul Mirza 06/23/2023

Supervised By :Ankita Jodhani 06/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 07:29:06 2023
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Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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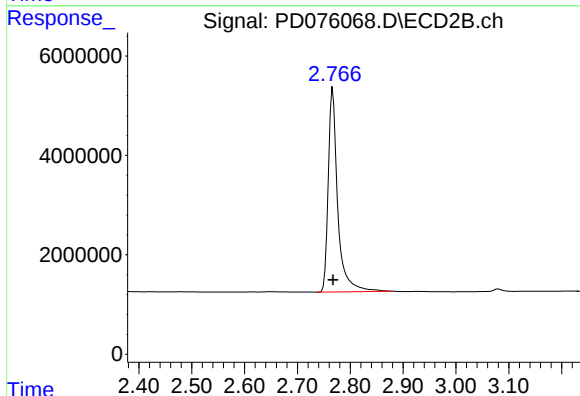
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 100199309
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

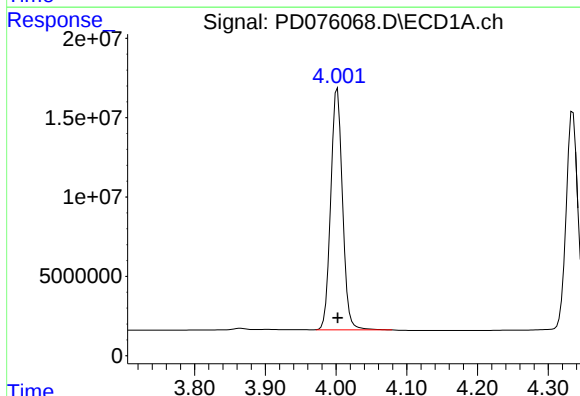
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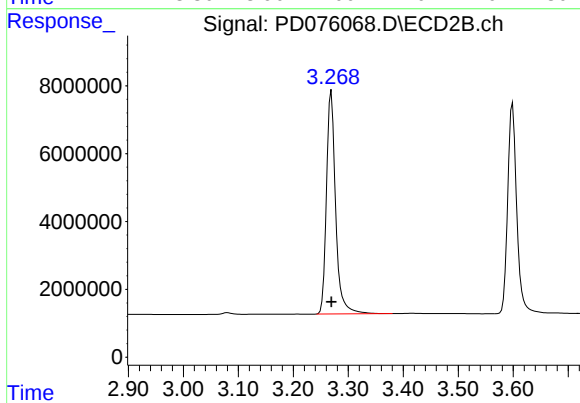
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 51138084
Conc: 47.14 ng/ml



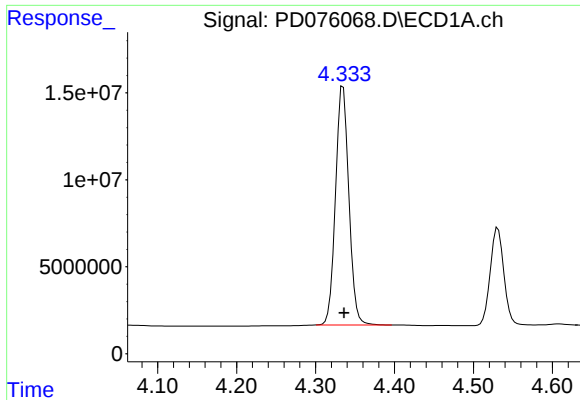
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 175930349
Conc: 47.65 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 76165996
Conc: 47.61 ng/ml



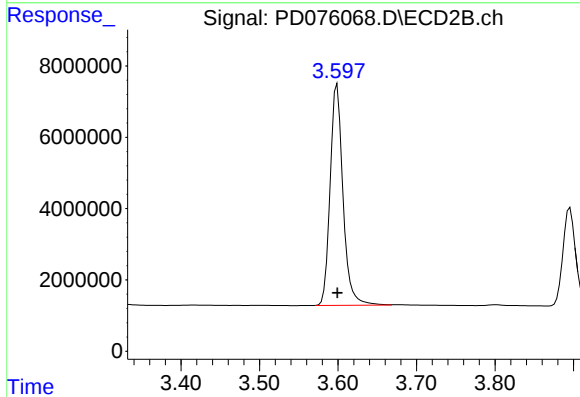
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 161350300
Conc: 47.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

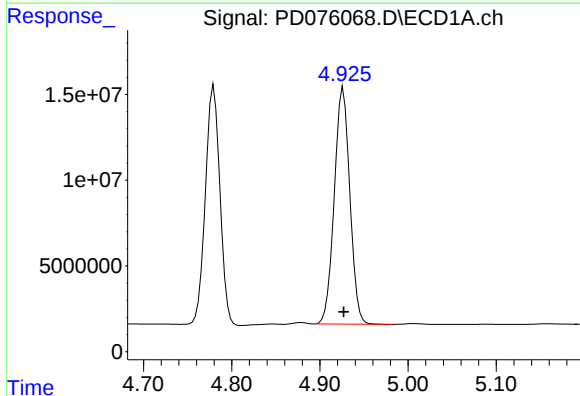
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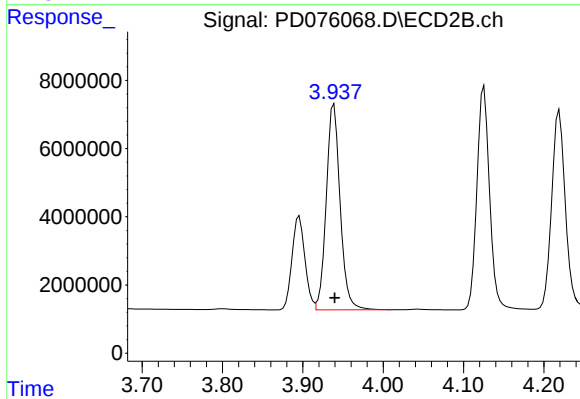
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 70646207
Conc: 47.95 ng/ml



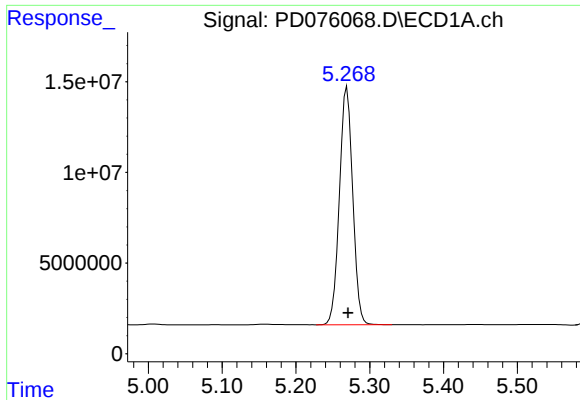
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 169031607
Conc: 47.13 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 72557515
Conc: 47.77 ng/ml



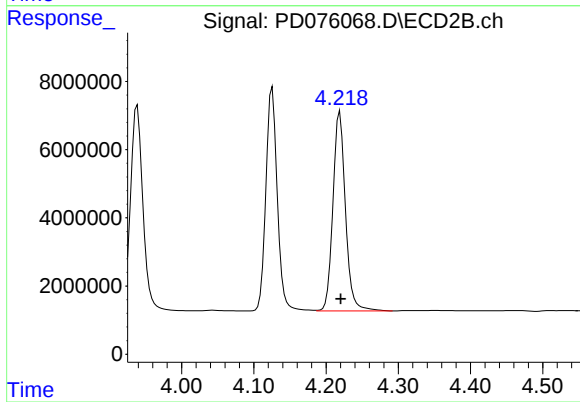
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 164084805
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

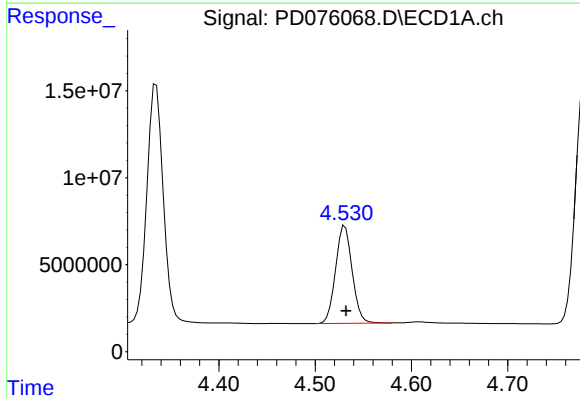
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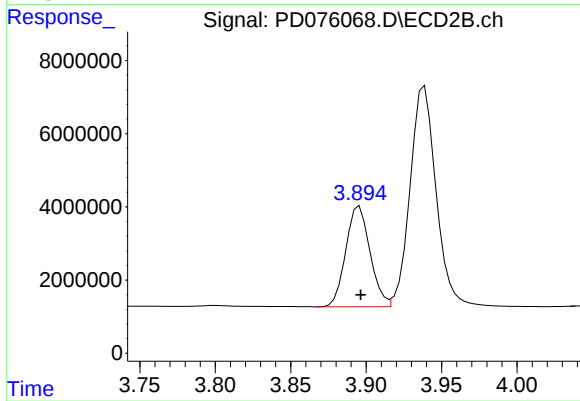
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 70635619
Conc: 47.37 ng/ml



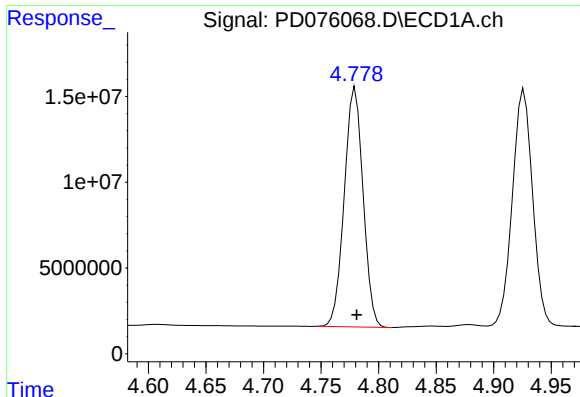
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 67160464
Conc: 46.71 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 30784132
Conc: 48.30 ng/ml



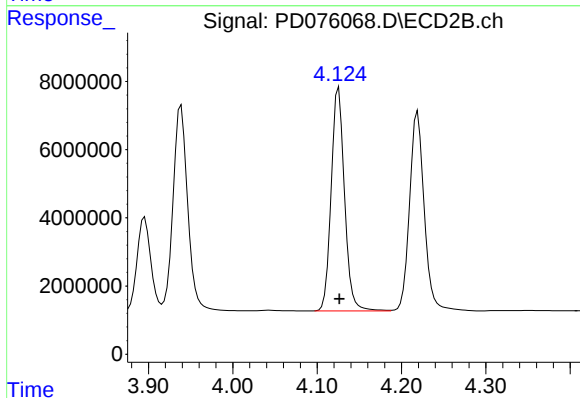
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 159895702
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

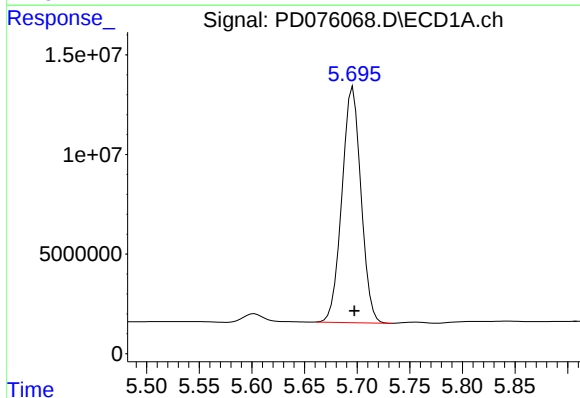
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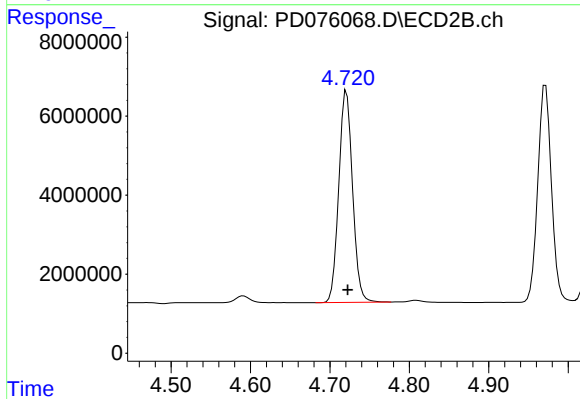
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: -0.001 min
Response: 72002062
Conc: 49.69 ng/ml



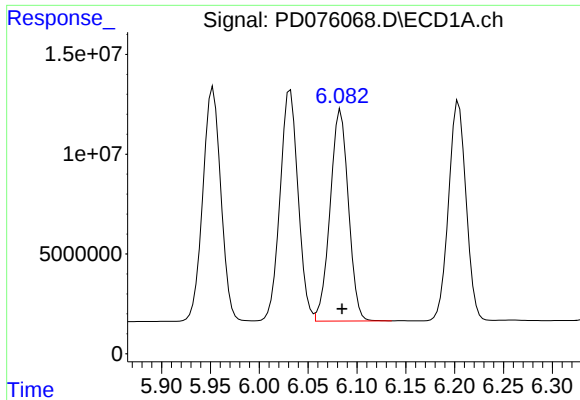
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 149414700
Conc: 46.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 64640964
Conc: 47.06 ng/ml



#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 138337095
Conc: 46.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

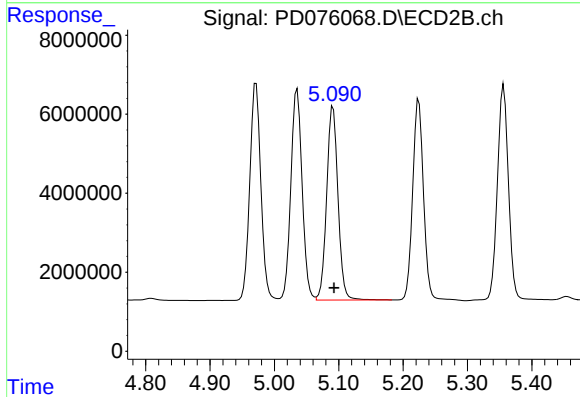
PSTDCCC050

Manual Integrations

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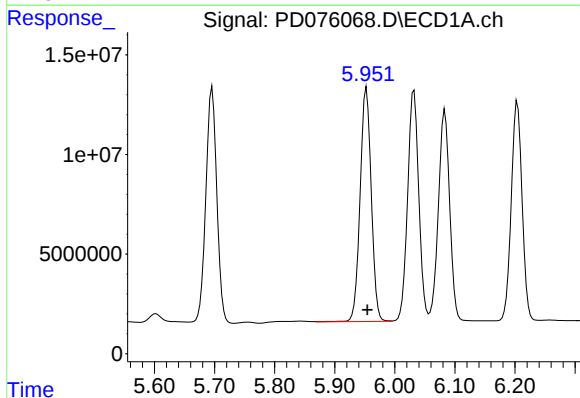
Reviewed By :Abdul Mirza 06/23/2023

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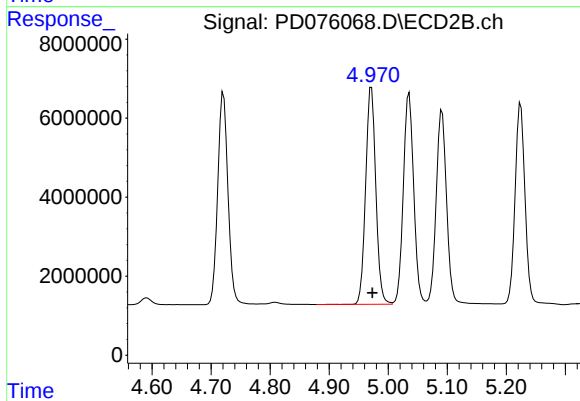
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 60086111
Conc: 47.01 ng/ml



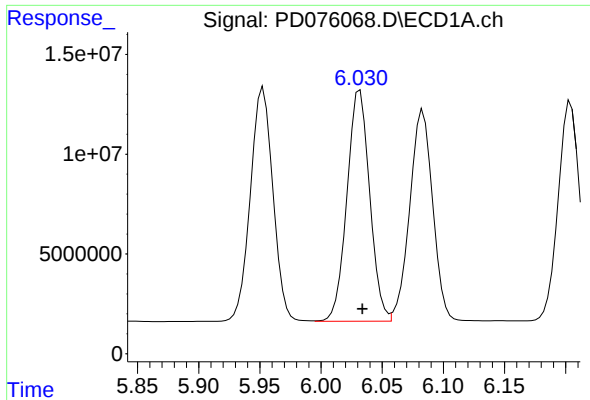
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 151472651
Conc: 47.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 65773771
Conc: 47.94 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 149628812
Conc: 46.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

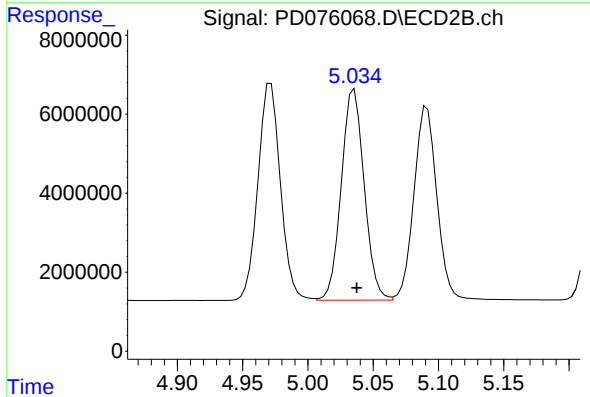
PSTDCCC050

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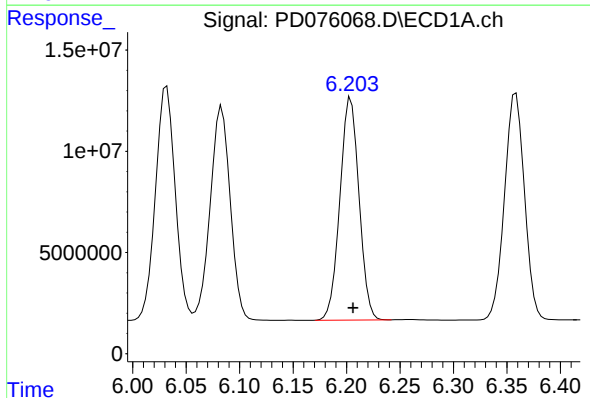
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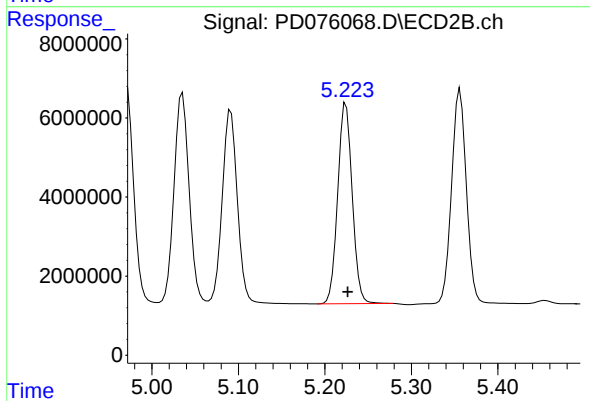
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 65195797
Conc: 47.53 ng/ml



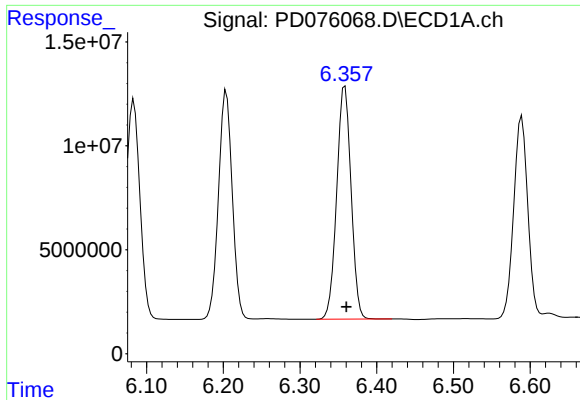
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 136850840
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 58804087
Conc: 52.68 ng/ml



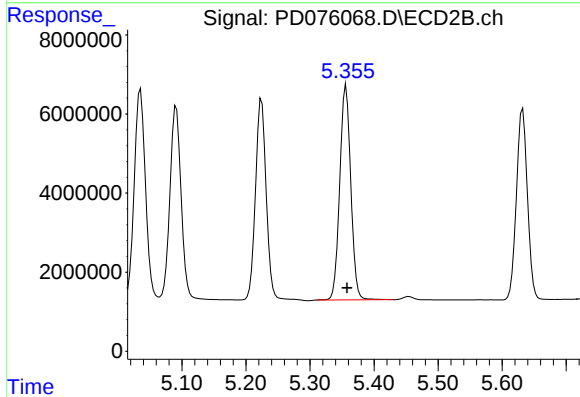
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 145741748
Conc: 46.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

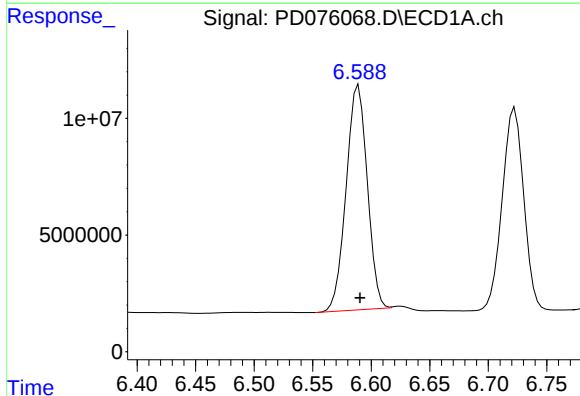
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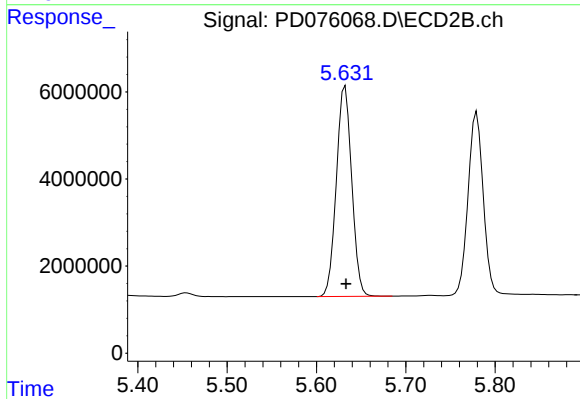
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 64813766
Conc: 48.04 ng/ml



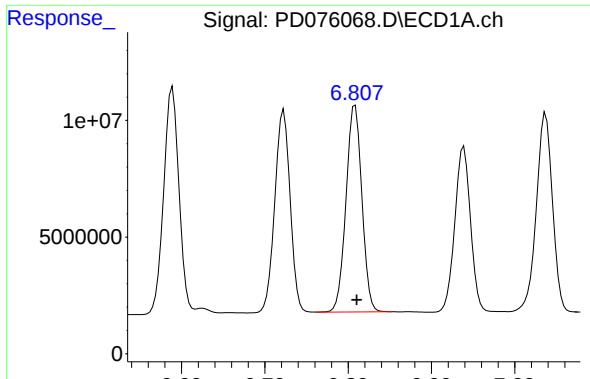
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 121174181
Conc: 45.31 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 57783271
Conc: 47.48 ng/ml



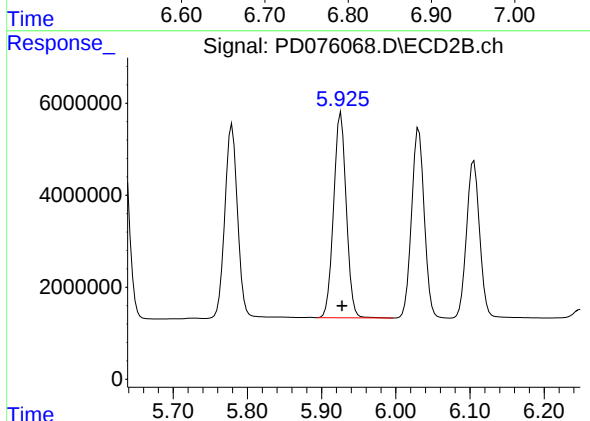
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 117162338
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

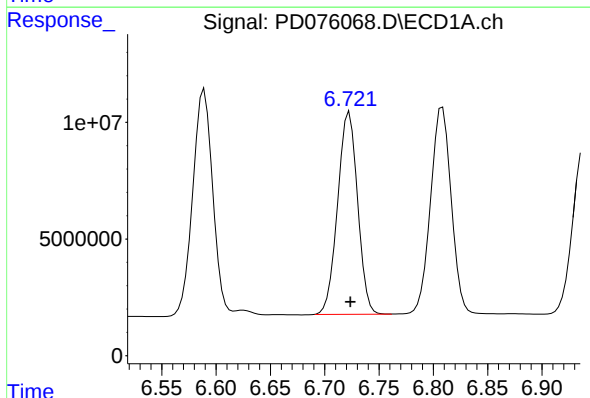
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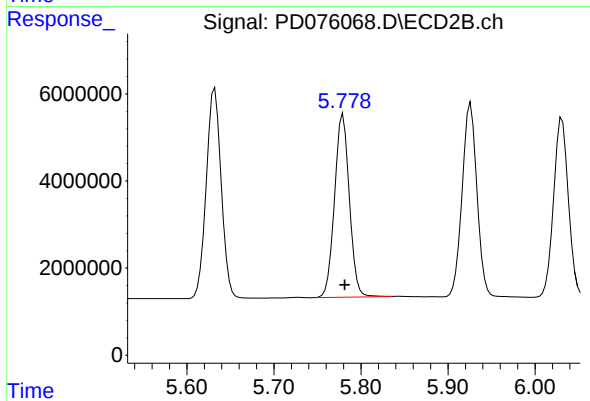
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 52931274
Conc: 49.06 ng/ml



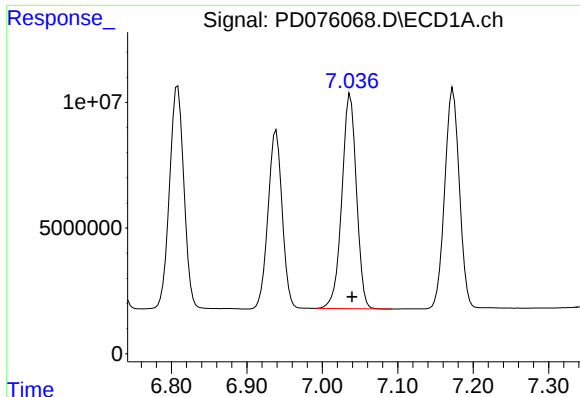
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 111038156
Conc: 48.79 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 49784034
Conc: 56.49 ng/ml



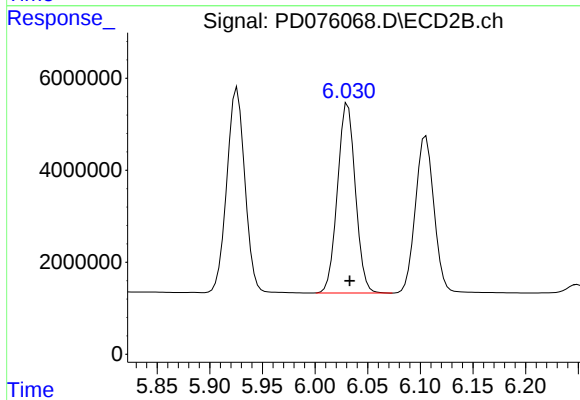
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 114924764
Conc: 50.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

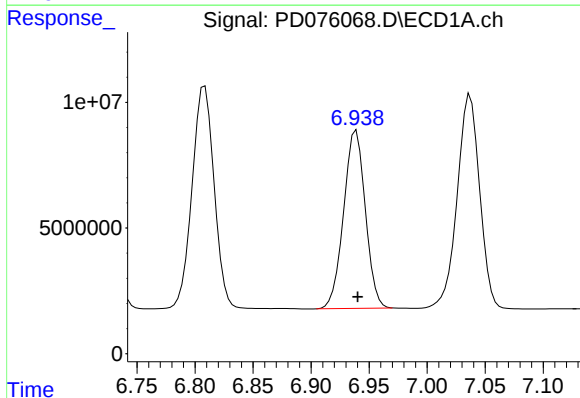
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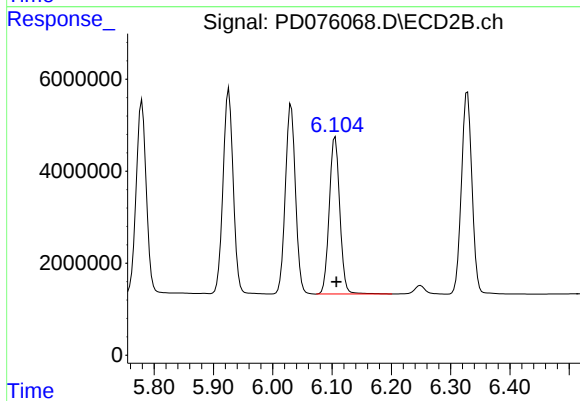
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 48980803
Conc: 60.30 ng/ml



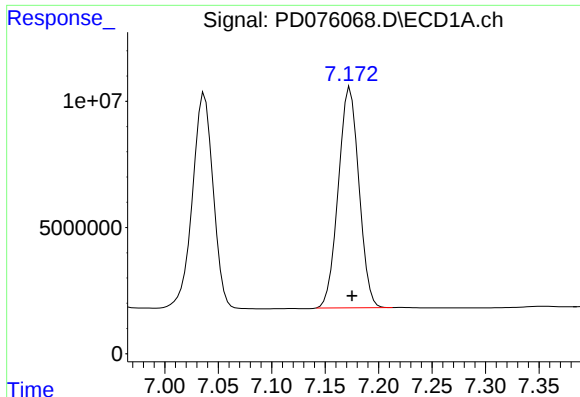
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 92125886
Conc: 45.91 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 42100254
Conc: 48.64 ng/ml



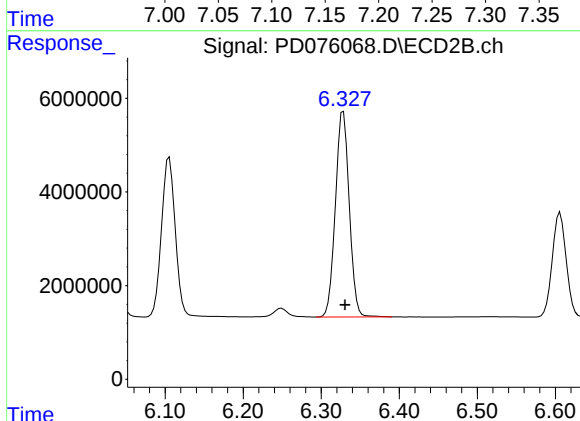
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 117339041
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

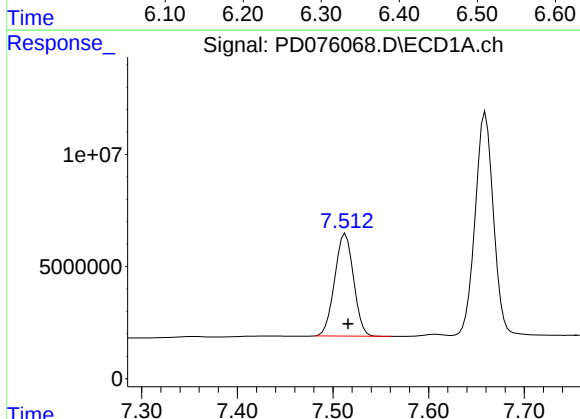
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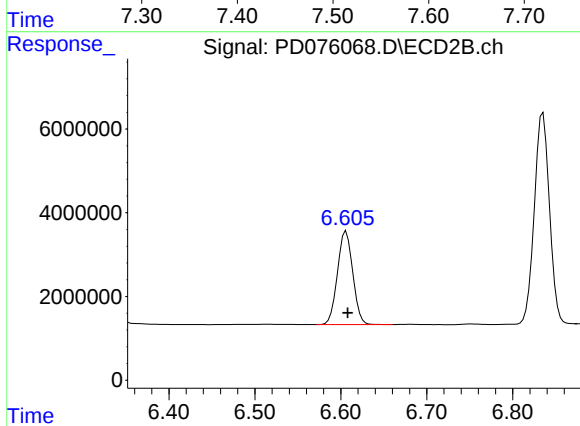
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 54135093
Conc: 50.10 ng/ml



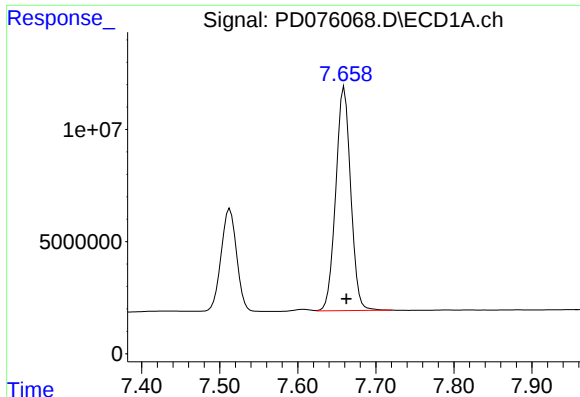
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 62640799
Conc: 48.39 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 27629444
Conc: 59.70 ng/ml



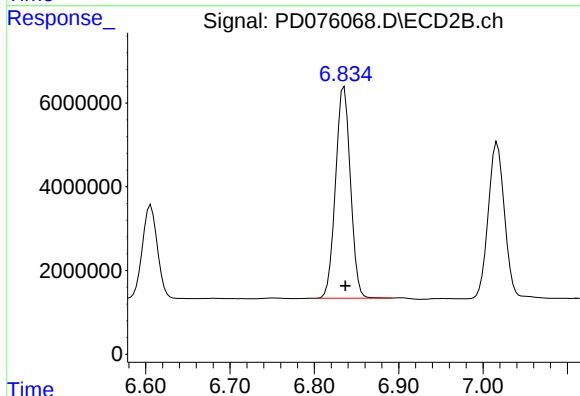
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 132702111
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

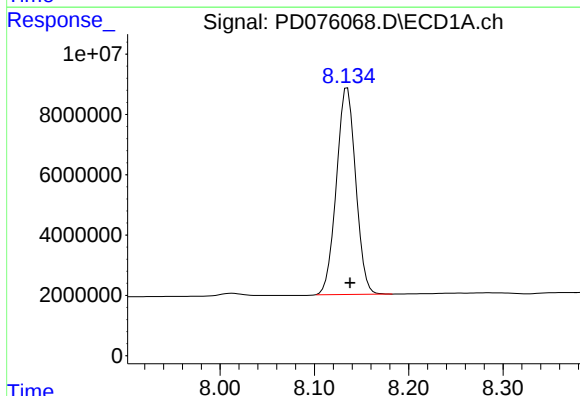
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2023
Supervised By :Ankita Jodhani 06/23/2023



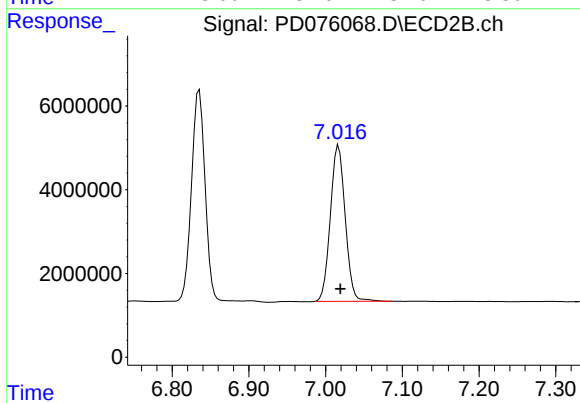
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 61993076
Conc: 51.03 ng/ml



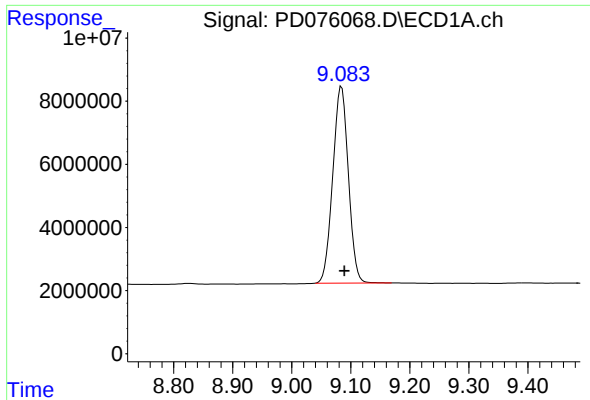
#22 Mirex

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 97420489
Conc: 45.47 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 50161719
Conc: 47.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.005 min
Response: 114374963
Conc: 45.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

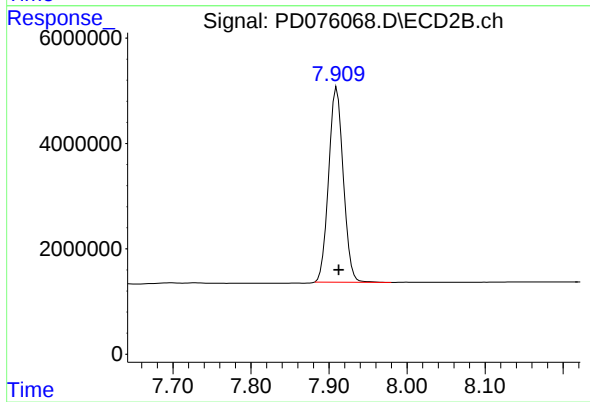
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.003 min
Response: 48215528
Conc: 49.31 ng/ml