

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
 Data File : PD076058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 18:28
 Operator : AR\AJ
 Sample : PB153683BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153683BS

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 22 22:24:36 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	39303240	19696507	18.451	18.155
28)	SA Decachlor...	9.084	7.911	47013099	20472420	18.558	20.937
Target Compounds							
2)	A alpha-BHC	4.002	3.269	190.0E6	81616760	51.462	51.018
3)	MA gamma-BHC...	4.335	3.599	173.8E6	76434653	51.645	51.875
4)	MA Heptachlor	4.926	3.939	177.9E6	77432005	49.604	50.981
5)	MB Aldrin	5.269	4.219	175.7E6	76939795	50.130	51.596
6)	B beta-BHC	4.532	3.895	70547709	32489417	49.069	50.971
7)	B delta-BHC	4.780	4.126	167.4E6	76366926	50.372	52.704
8)	B Heptachlo...	5.696	4.722	158.7E6	69173968	49.243	50.358
9)	A Endosulfan I	6.083	5.091	144.7E6	64140337	48.230	50.180
10)	B gamma-Chl...	5.953	4.972	158.9E6	70364255	49.313	51.282
11)	B alpha-Chl...	6.032	5.036	155.9E6	69735505	48.229	50.836
12)	B 4,4'-DDE	6.205	5.225	142.6E6	63158671	49.907	56.586
13)	MA Dieldrin	6.359	5.356	152.1E6	69746058	48.685	51.696
14)	MA Endrin	6.589	5.632	129.6E6	61725369	48.479	50.720
15)	B Endosulfa...	6.809	5.926	123.8E6	56788364	47.920	52.638
16)	A 4,4'-DDD	6.723	5.780	115.6E6	53035679	50.784	60.181
17)	MA 4,4'-DDT	7.037	6.031	118.6E6	51961430	52.266	63.969
18)	B Endrin al...	6.937	6.106	98612643	46057344	49.144m	53.215
19)	B Endosulfa...	7.174	6.328	120.7E6	57269006	47.916	52.997
20)	A Methoxychlor	7.513	6.607	64609224	29360066	49.915	63.434 #
21)	B Endrin ke...	7.659	6.835	137.2E6	65587113	49.250	53.983
22)	Mirex	8.135	7.017	99802168	51882656	46.581	49.496

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
Data File : PD076058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2023 18:28
Operator : AR\AJ
Sample : PB153683BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

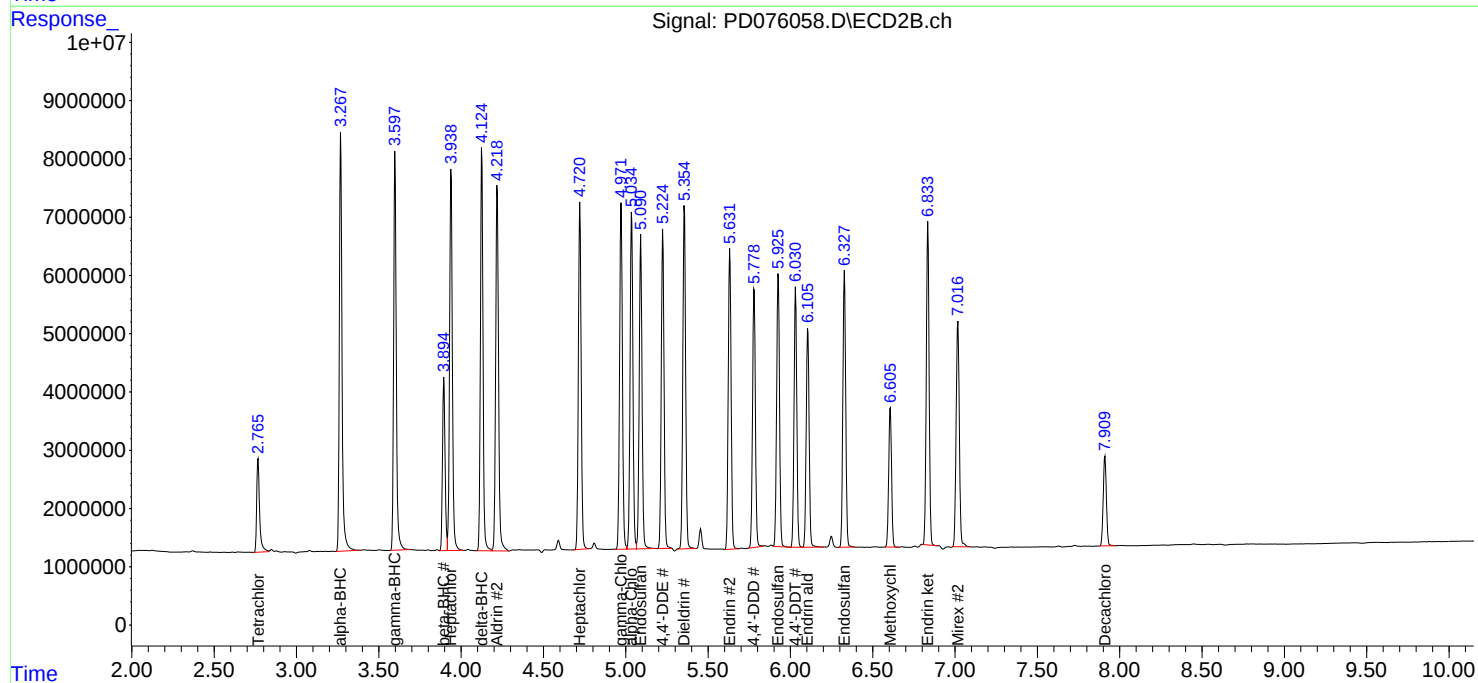
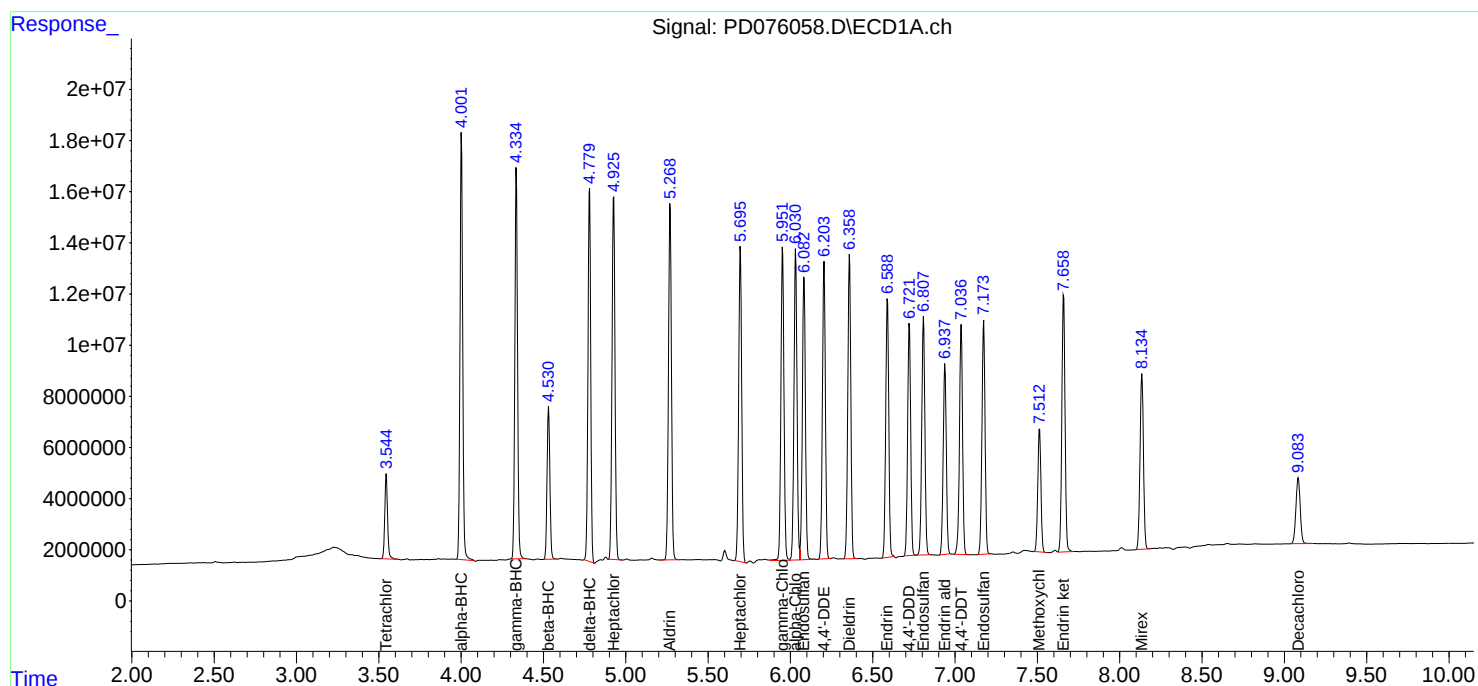
Instrument :
ECD_D
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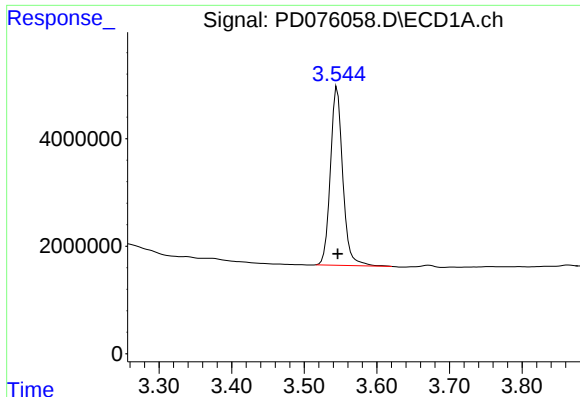
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Supervised By :Ankita Jodhani 06/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 22:24:36 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





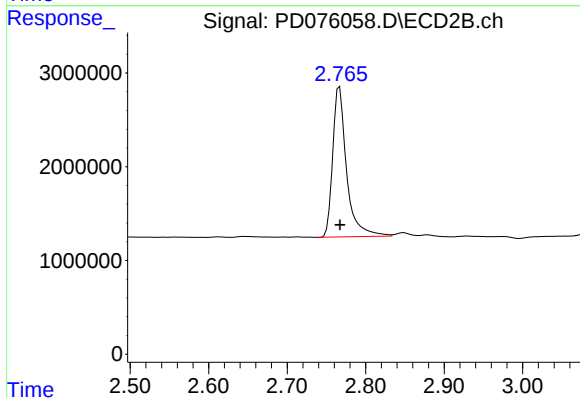
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 39303240
Conc: 18.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

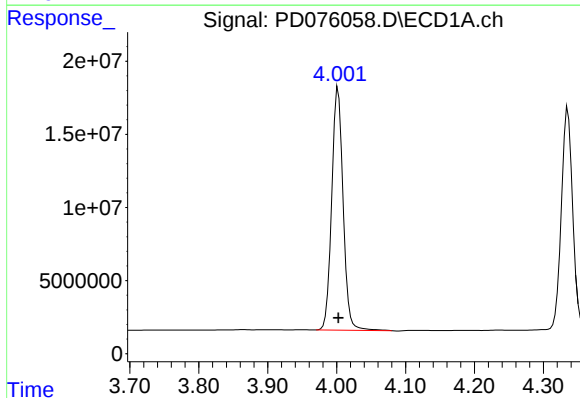
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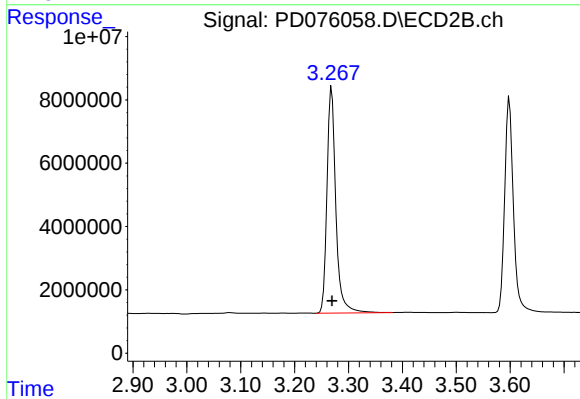
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 19696507
Conc: 18.15 ng/ml



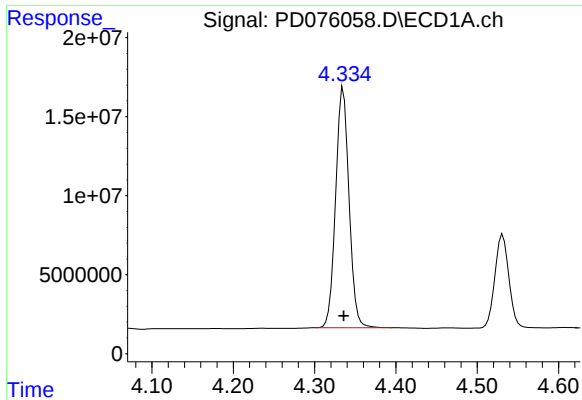
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 190003465
Conc: 51.46 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 81616760
Conc: 51.02 ng/ml



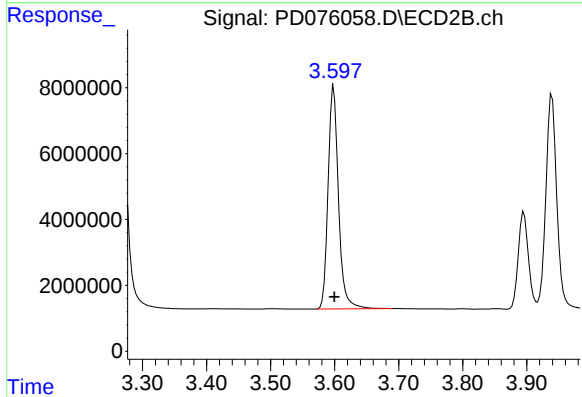
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 173781797
Conc: 51.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

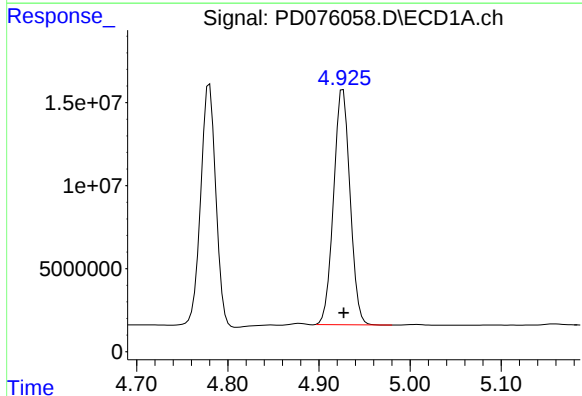
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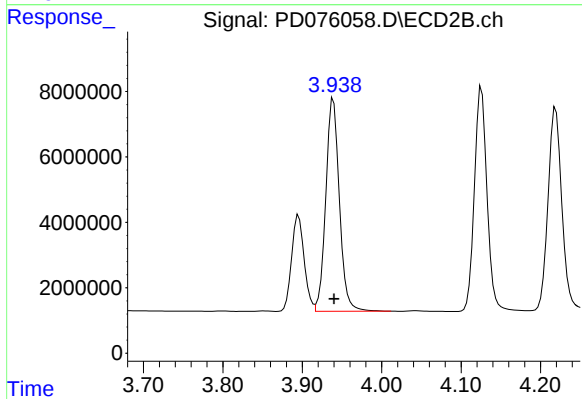
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 76434653
Conc: 51.88 ng/ml



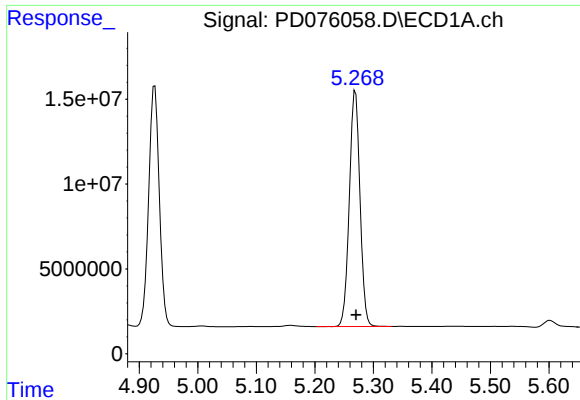
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 177911244
Conc: 49.60 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 77432005
Conc: 50.98 ng/ml



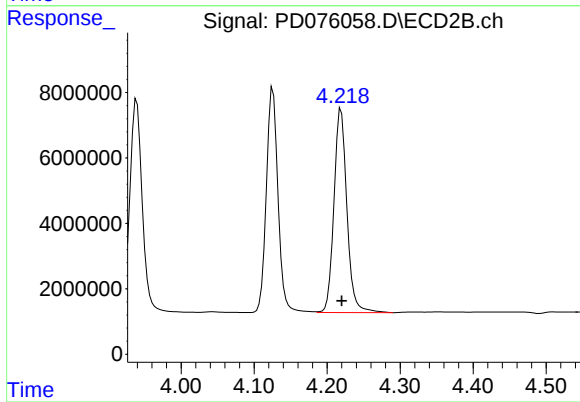
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 175667543
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

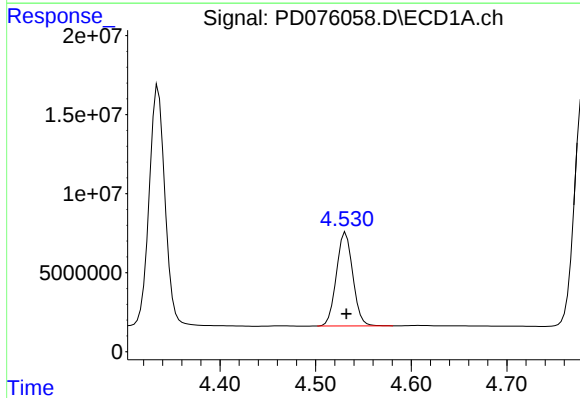
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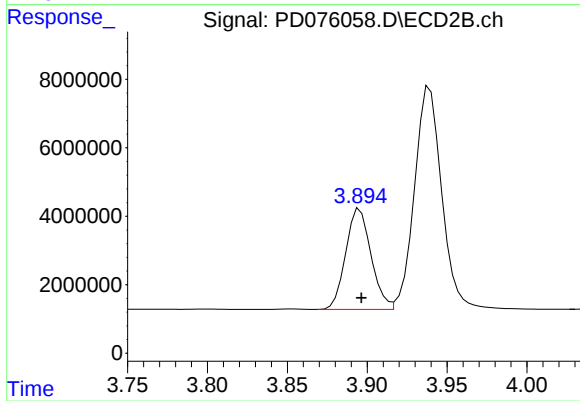
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 76939795
Conc: 51.60 ng/ml



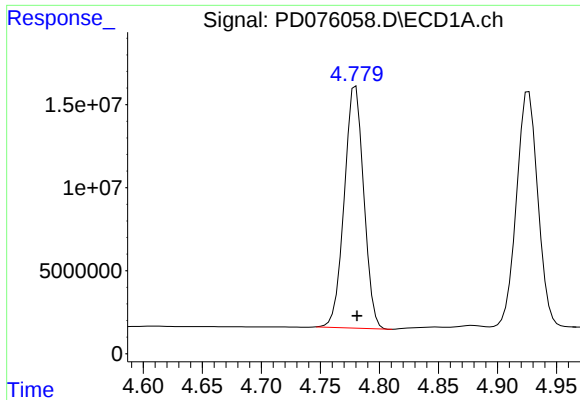
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 70547709
Conc: 49.07 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 32489417
Conc: 50.97 ng/ml



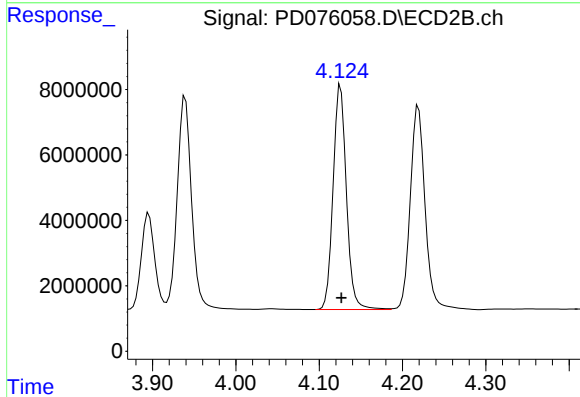
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 167419203
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

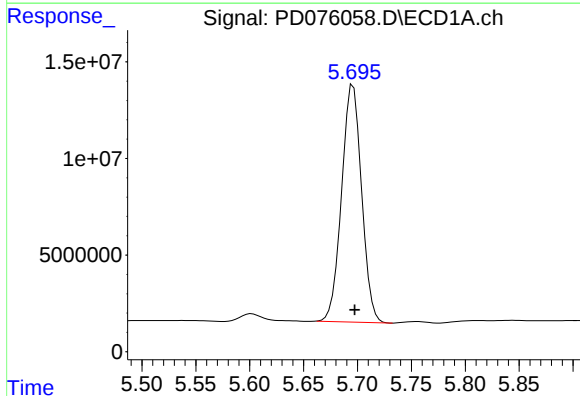
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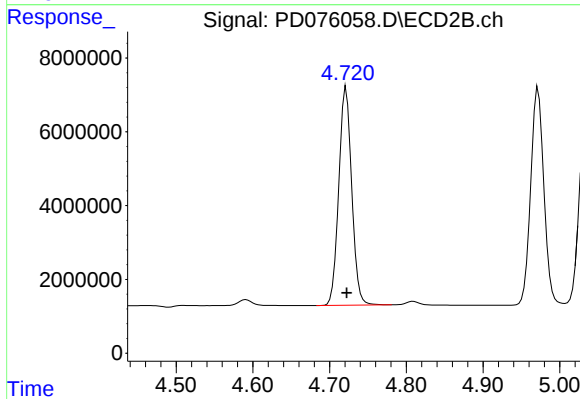
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 76366926
Conc: 52.70 ng/ml



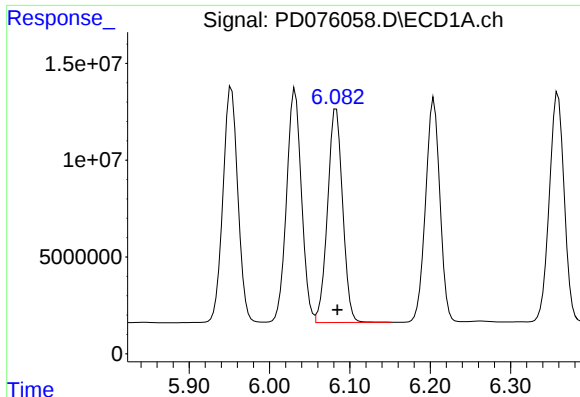
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 158674421
Conc: 49.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 69173968
Conc: 50.36 ng/ml



#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 144665009
Conc: 48.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

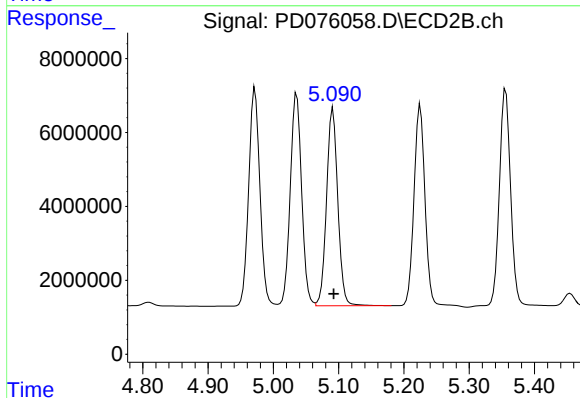
PB153683BS

Manual Integrations

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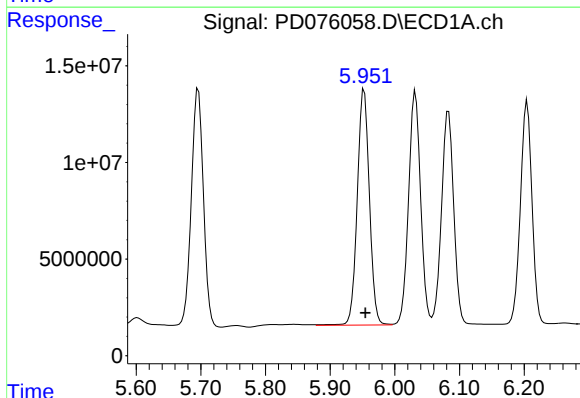
Reviewed By :Abdul Mirza 06/23/2023

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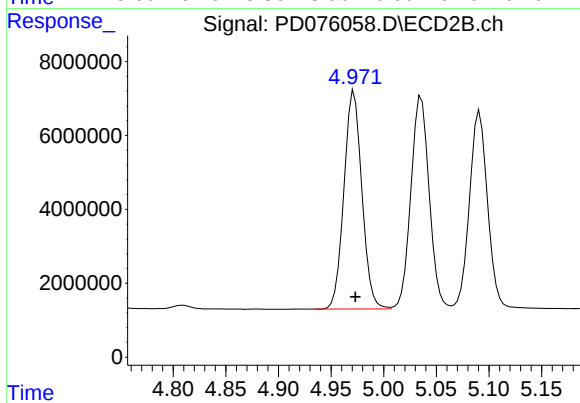
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.001 min
Response: 64140337
Conc: 50.18 ng/ml



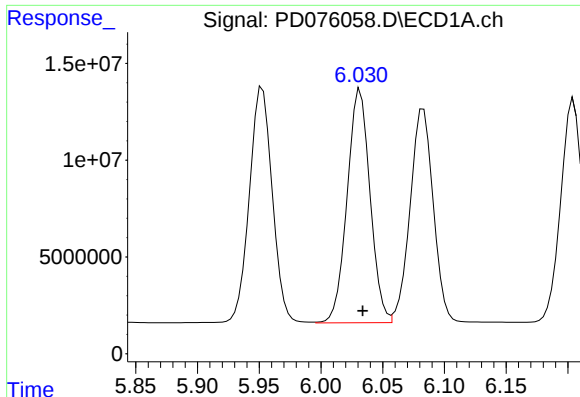
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 158853498
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 70364255
Conc: 51.28 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 155919194
Conc: 48.23 ng/ml

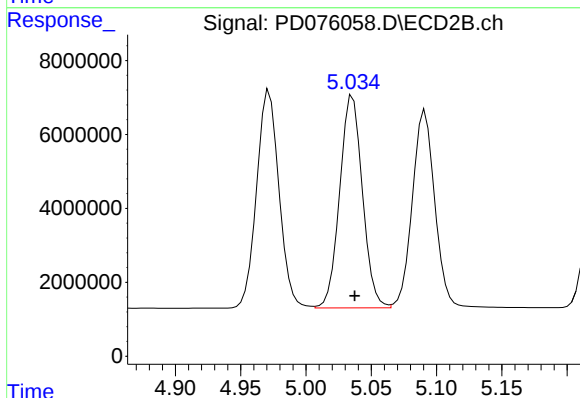
Instrument :

ECD_D

ClientSampleId :
PB153683BS

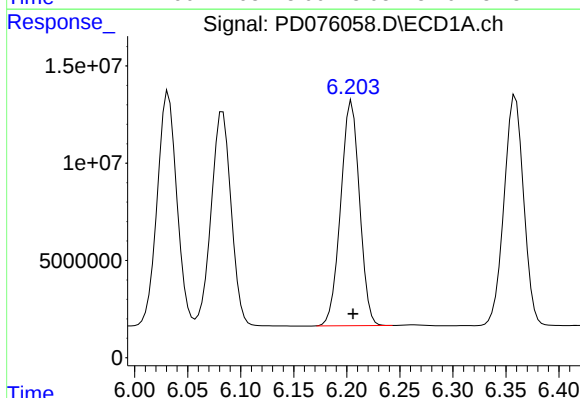
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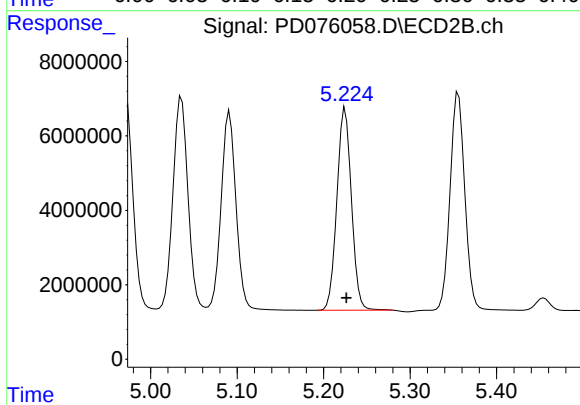
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 69735505
Conc: 50.84 ng/ml



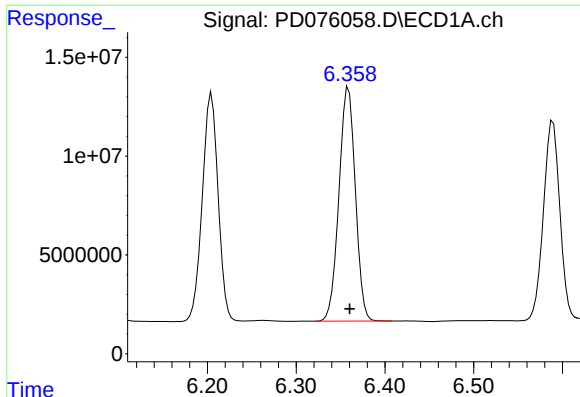
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 142641858
Conc: 49.91 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 63158671
Conc: 56.59 ng/ml



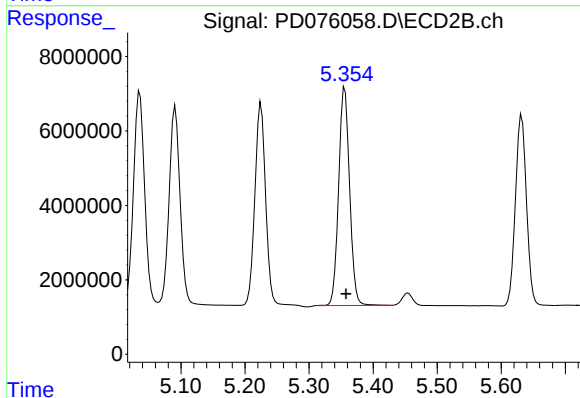
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 152140618
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
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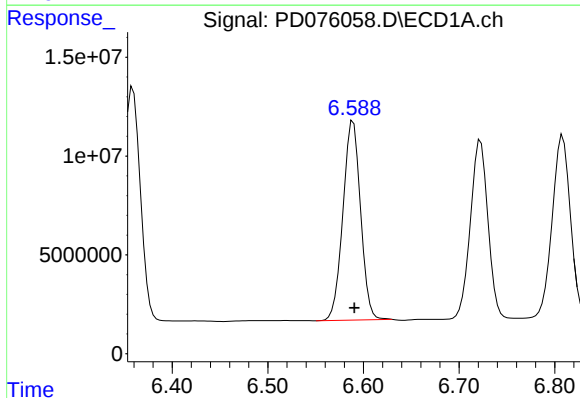
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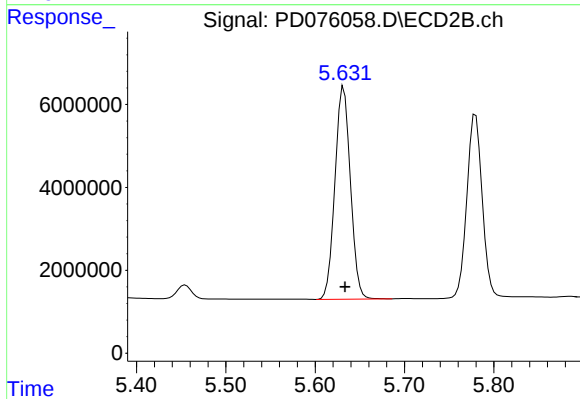
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 69746058
Conc: 51.70 ng/ml



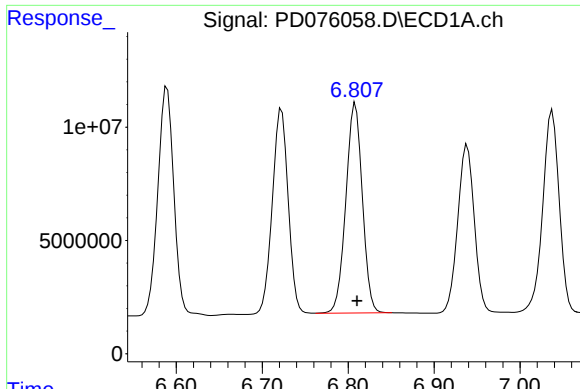
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 129649142
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 61725369
Conc: 50.72 ng/ml



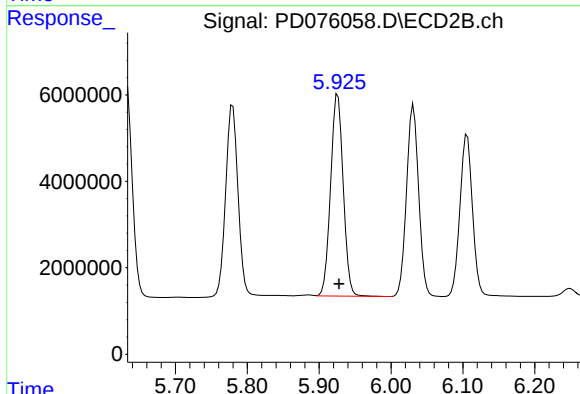
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 123806908
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
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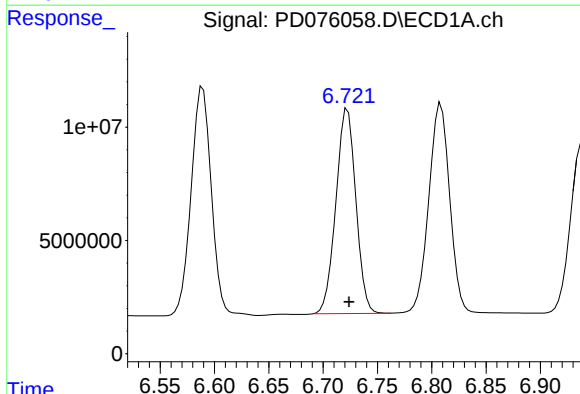
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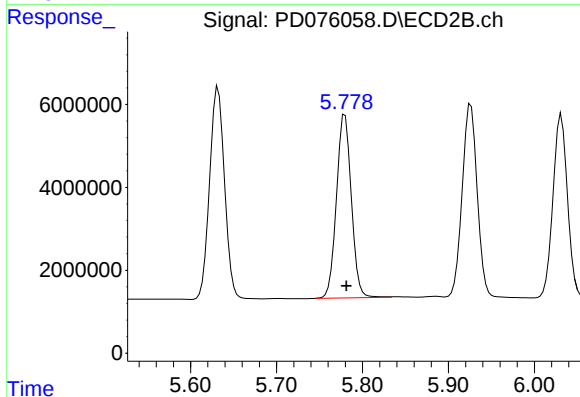
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 56788364
Conc: 52.64 ng/ml



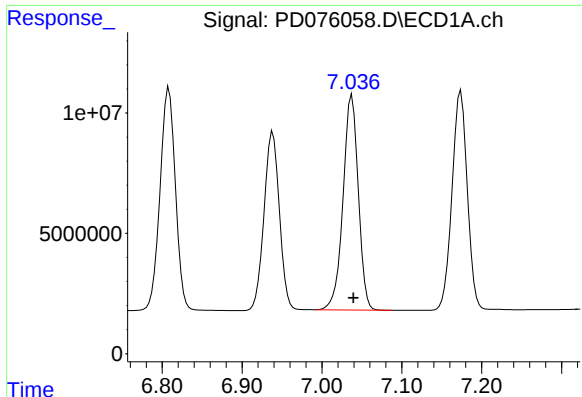
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 115565875
Conc: 50.78 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 53035679
Conc: 60.18 ng/ml



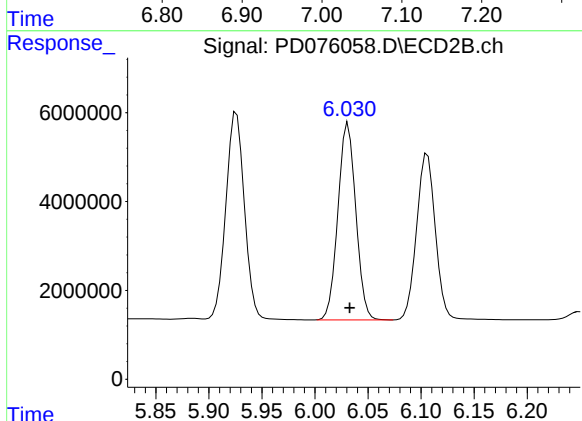
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 118604784
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

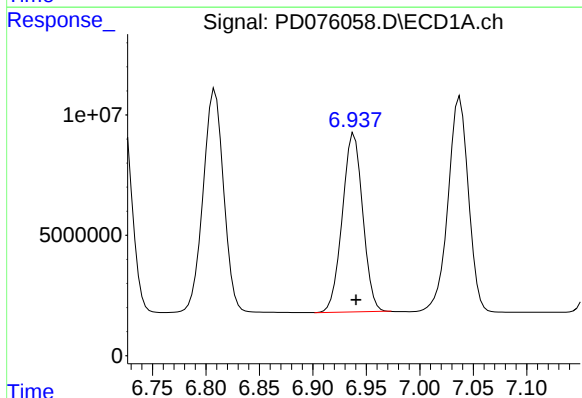
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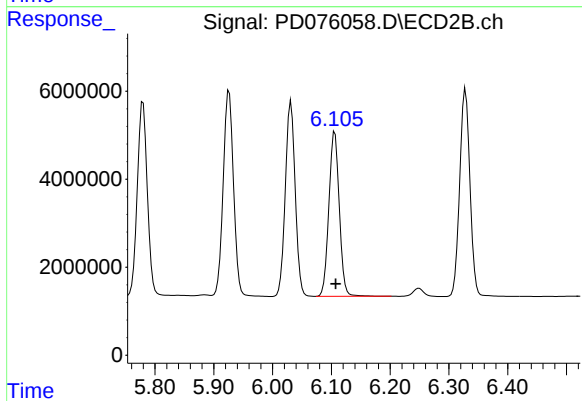
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 51961430
Conc: 63.97 ng/ml



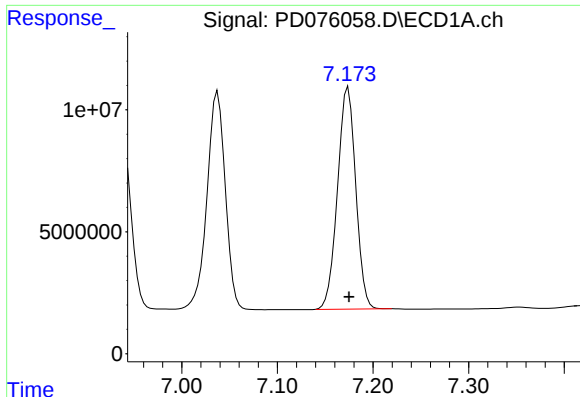
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 98612643
Conc: 49.14 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 46057344
Conc: 53.22 ng/ml



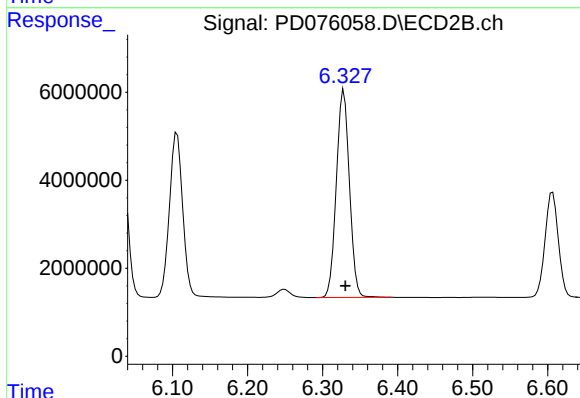
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 120718417
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

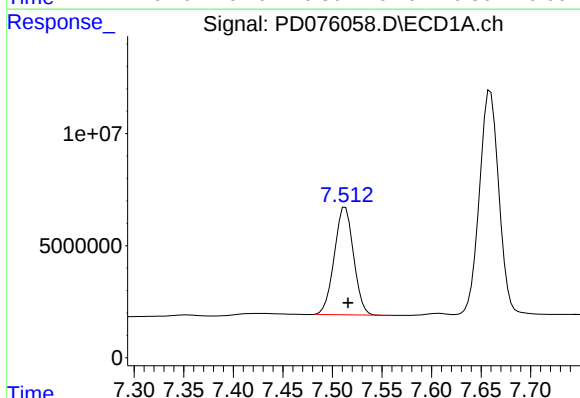
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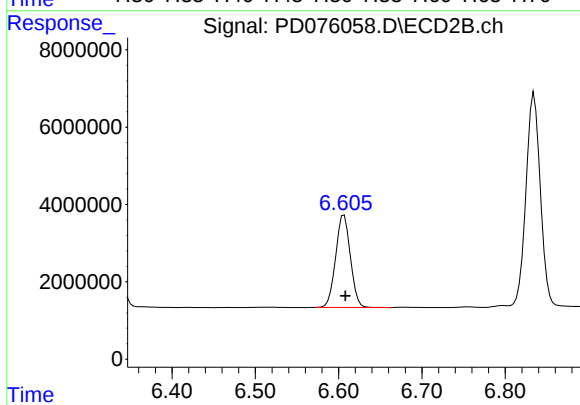
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 57269006
Conc: 53.00 ng/ml



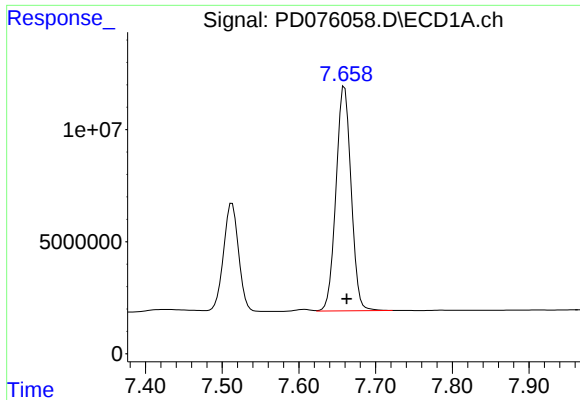
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 64609224
Conc: 49.91 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 29360066
Conc: 63.43 ng/ml



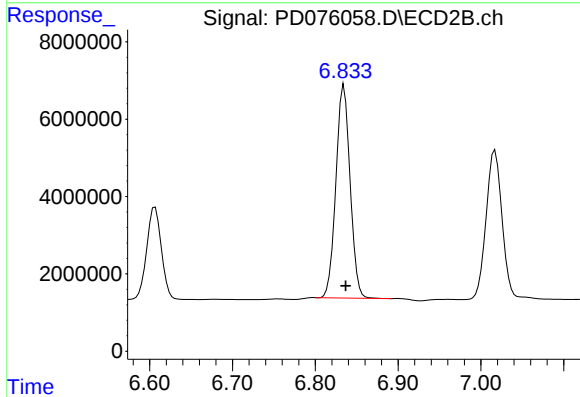
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 137207529
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153683BS

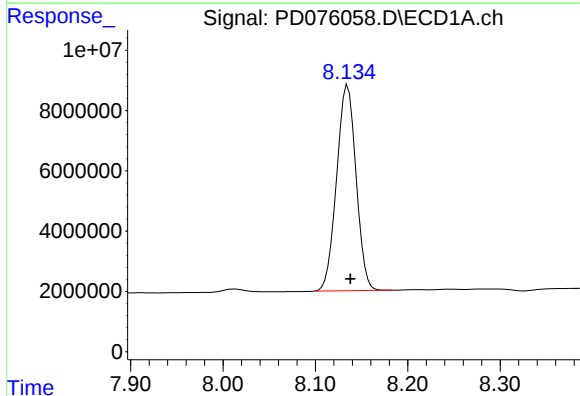
Manual Integrations
APPROVED

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



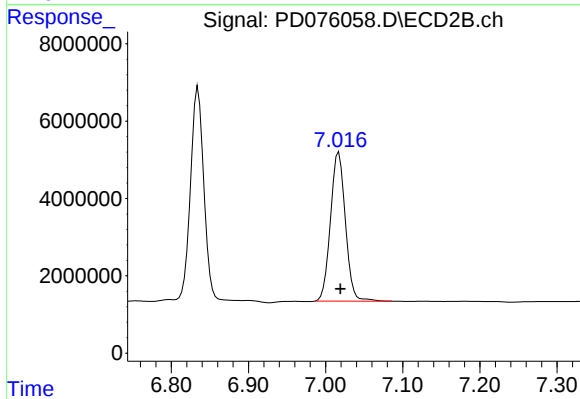
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 65587113
Conc: 53.98 ng/ml



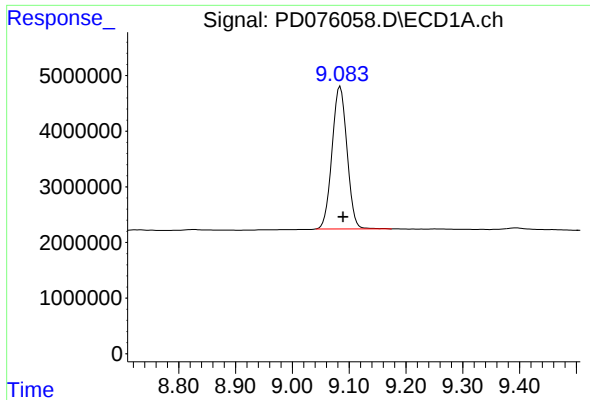
#22 Mirex

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 99802168
Conc: 46.58 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 51882656
Conc: 49.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.005 min
Response: 47013099
Conc: 18.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

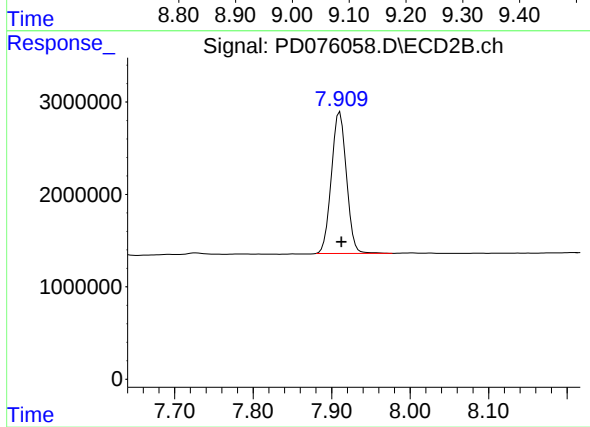
PB153683BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 20472420
Conc: 20.94 ng/ml