

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
 Data File : PD076037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 13:27
 Operator : AR\AJ
 Sample : PB153644BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153644BS

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 22:13:31 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...	3.549	2.766	37572164	18354121	17.638	16.917
28)	SA Decachlor...	9.089	7.910	45723817	21058773	18.049	21.537
Target Compounds							
2)	A alpha-BHC	4.006	3.268	181.5E6	77719852	49.172	48.582
3)	MA gamma-BHC...	4.339	3.598	165.3E6	72509412	49.135	49.211
4)	MA Heptachlor	4.930	3.938	171.8E6	74042064	47.895	48.749
5)	MB Aldrin	5.273	4.218	167.0E6	72588720	47.659	48.678
6)	B beta-BHC	4.535	3.895	67184868	30282323	46.730	47.508
7)	B delta-BHC	4.784	4.125	157.4E6	71017181	47.359	49.012
8)	B Heptachlo...	5.700	4.721	147.3E6	65295345	45.700	47.535
9)	A Endosulfan I	6.086	5.091	140.4E6	61268827	46.798	47.933
10)	B gamma-Chl...	5.957	4.971	152.6E6	65990201	47.366	48.094
11)	B alpha-Chl...	6.036	5.036	151.0E6	65960091	46.700	48.084
12)	B 4,4'-DDE	6.208	5.225	136.9E6	57909048	47.886	51.882
13)	MA Dieldrin	6.362	5.356	147.9E6	66019865	47.341	48.934
14)	MA Endrin	6.593	5.632	125.0E6	59324996	46.740	48.747
15)	B Endosulfa...	6.812	5.926	121.4E6	54211097	46.991	50.249
16)	A 4,4'-DDD	6.726	5.780	111.6E6	47746293	49.029	54.179
17)	MA 4,4'-DDT	7.041	6.031	114.5E6	48434923	50.457	59.627
18)	B Endrin al...	6.940	6.106	96093224	44300007	47.889m	51.185
19)	B Endosulfa...	7.177	6.328	118.0E6	55129397	46.830	51.017
20)	A Methoxychlor	7.516	6.607	62635261	27078540	48.390	58.505
21)	B Endrin ke...	7.663	6.835	134.9E6	63643299	48.424	52.383
22)	Mirex	8.138	7.017	97199418	52187066	45.366	49.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
Data File : PD076037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2023 13:27
Operator : AR\AJ
Sample : PB153644BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB153644BS

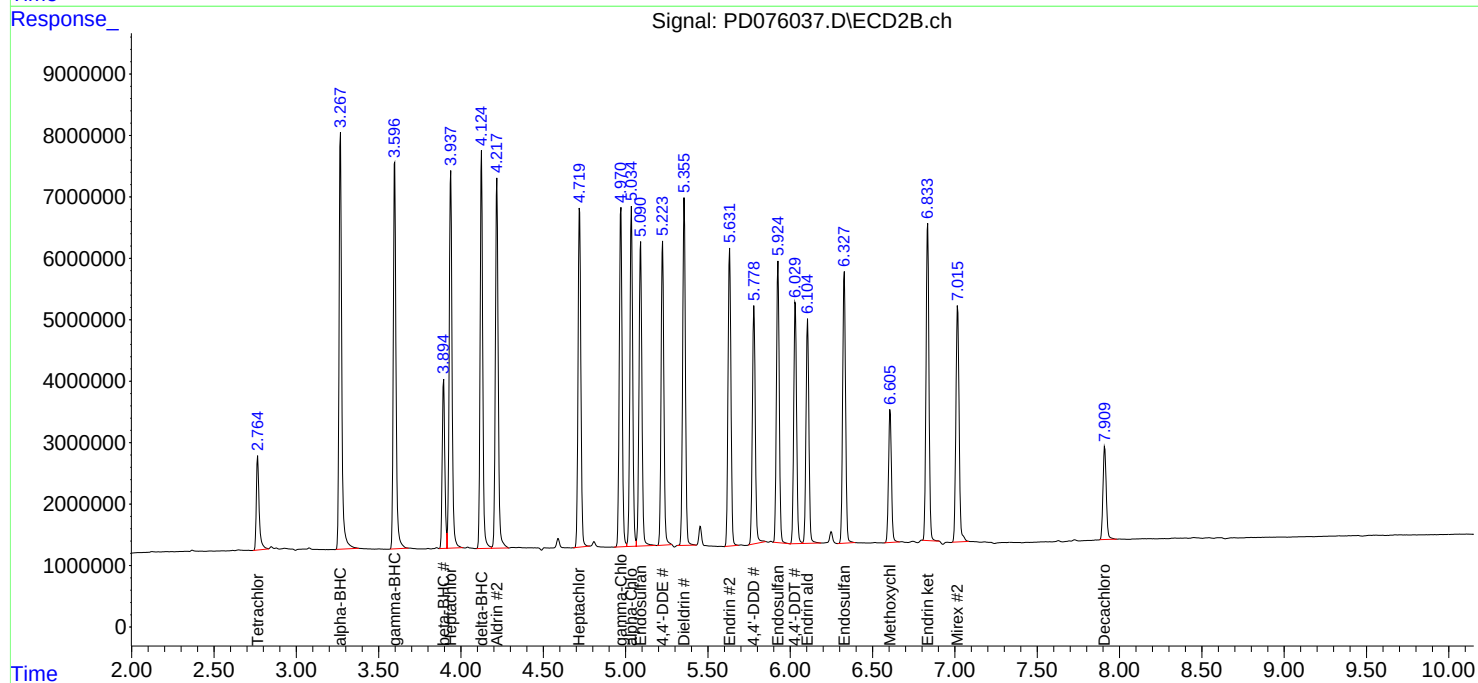
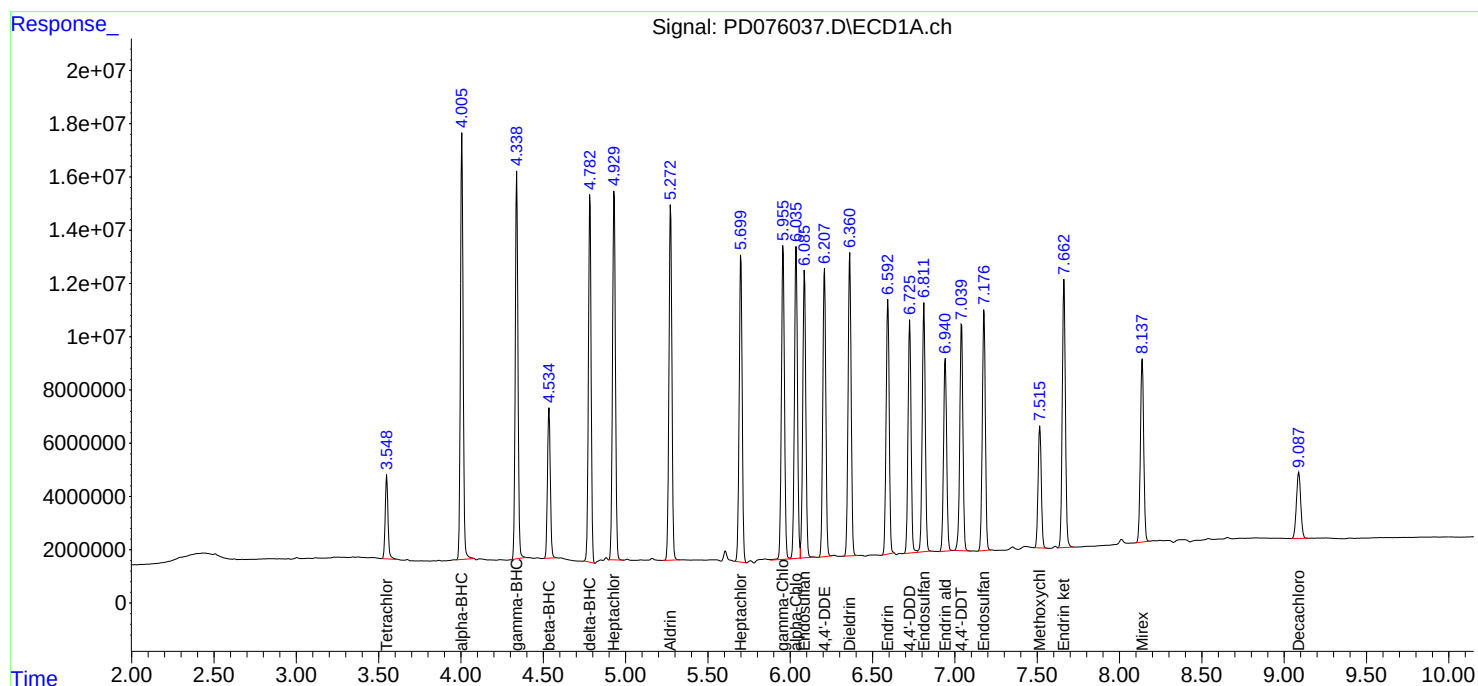
Manual Integrations

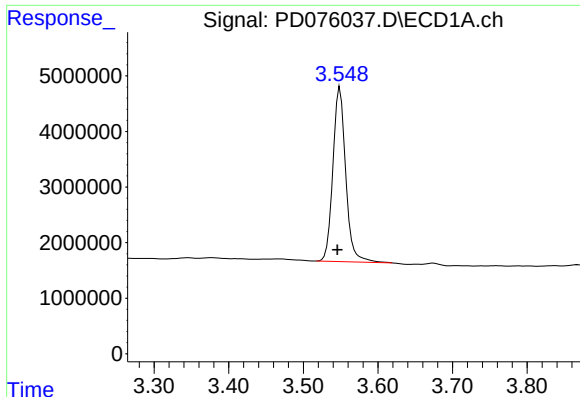
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Supervised By :Ankita Jodhani 06/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 22:13:31 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





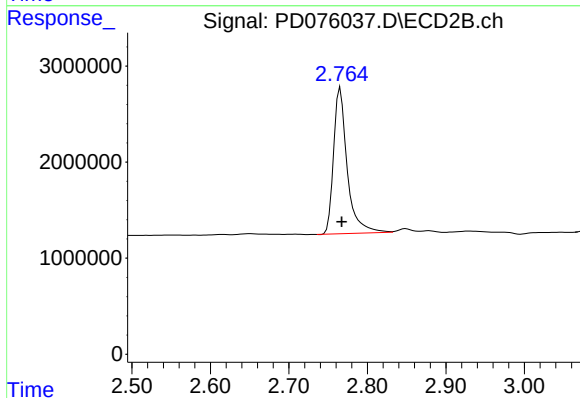
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 37572164
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

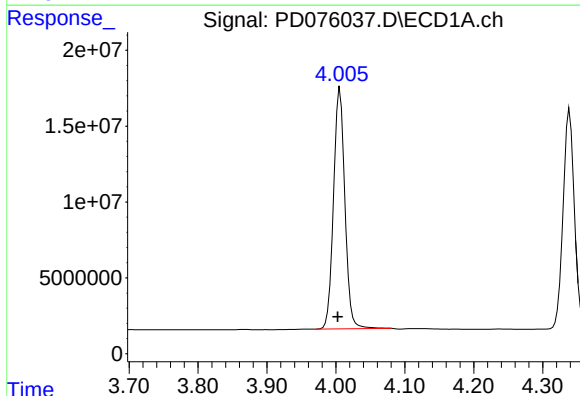
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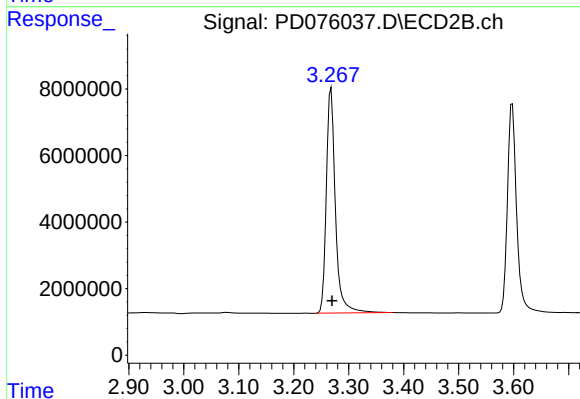
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.002 min
Response: 18354121
Conc: 16.92 ng/ml



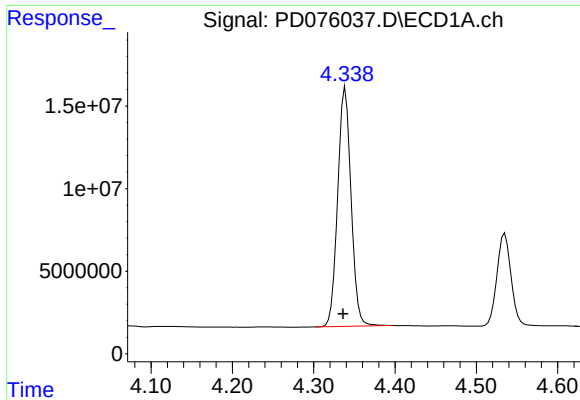
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.003 min
Response: 181548551
Conc: 49.17 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 77719852
Conc: 48.58 ng/ml



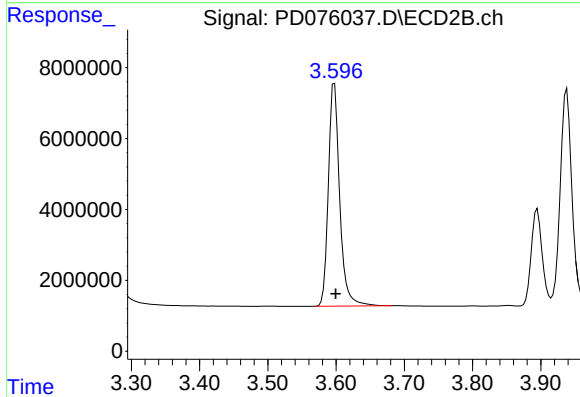
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.003 min
Response: 165334336
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

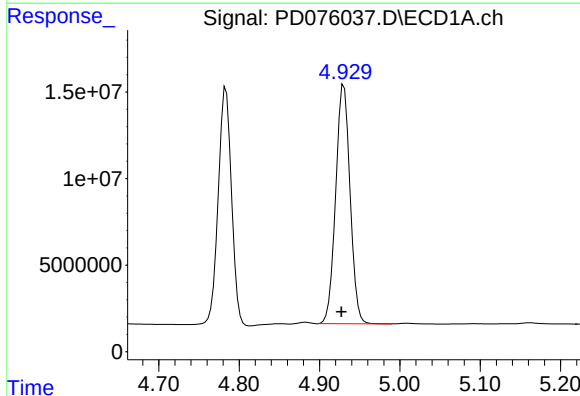
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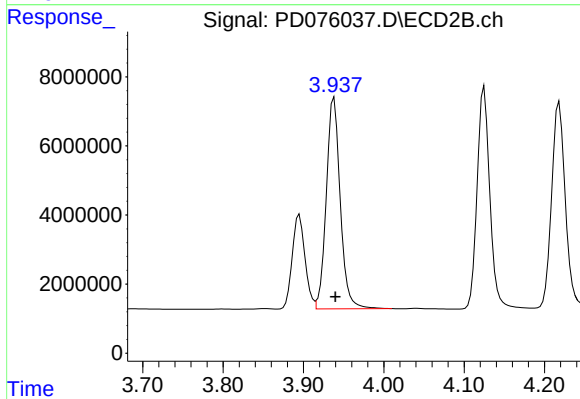
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 72509412
Conc: 49.21 ng/ml



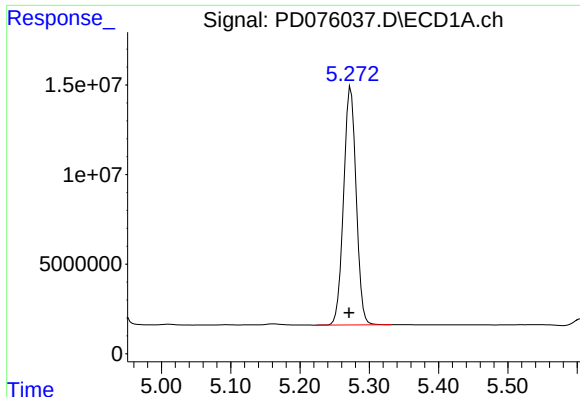
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.003 min
Response: 171782106
Conc: 47.90 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 74042064
Conc: 48.75 ng/ml



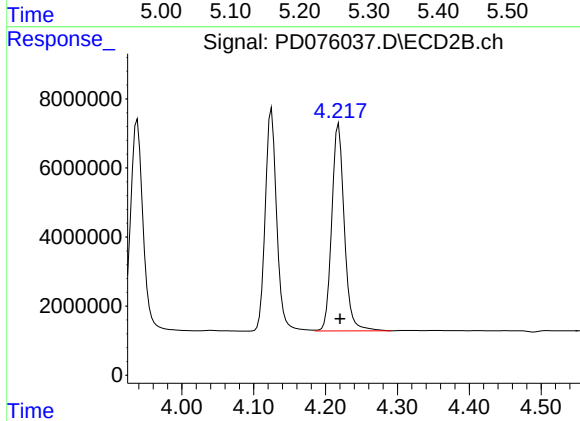
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 167006123
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

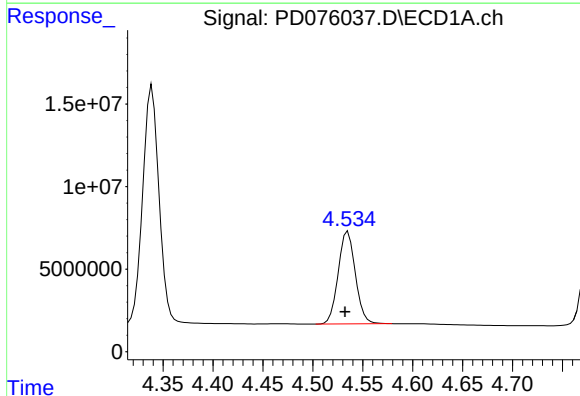
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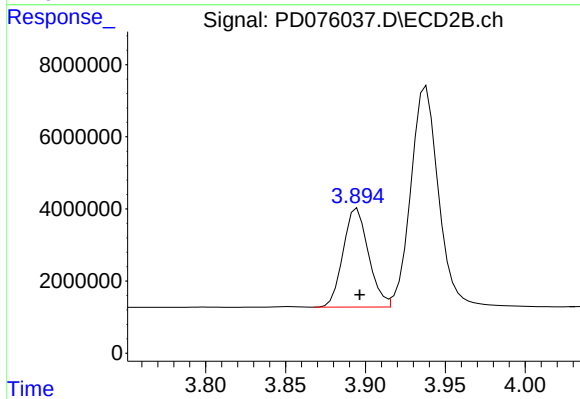
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 72588720
Conc: 48.68 ng/ml



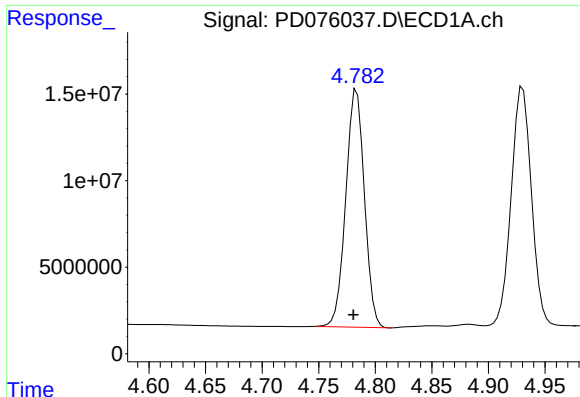
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 67184868
Conc: 46.73 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 30282323
Conc: 47.51 ng/ml



#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.003 min
Response: 157405809
Conc: 47.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

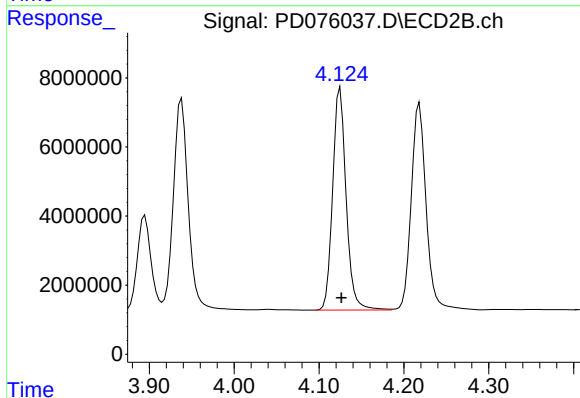
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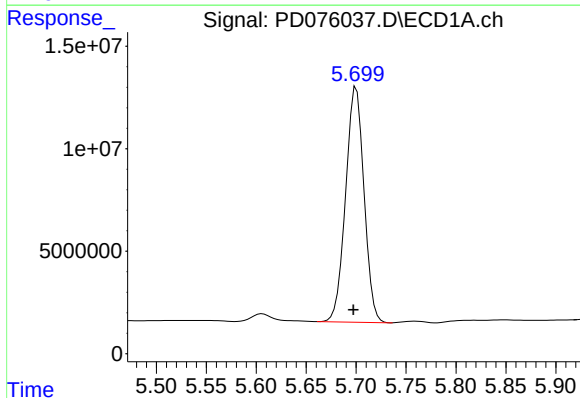
Reviewed By :Abdul Mirza 06/23/2023

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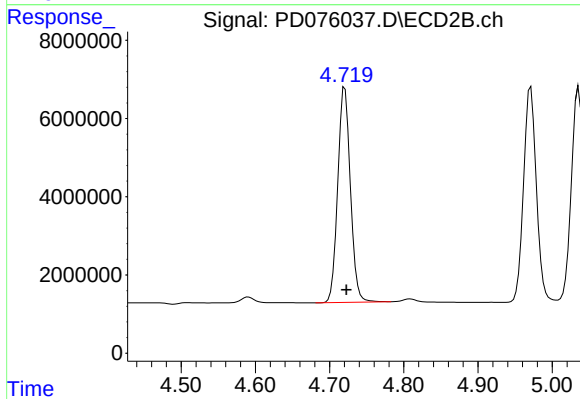
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.002 min
Response: 71017181
Conc: 49.01 ng/ml



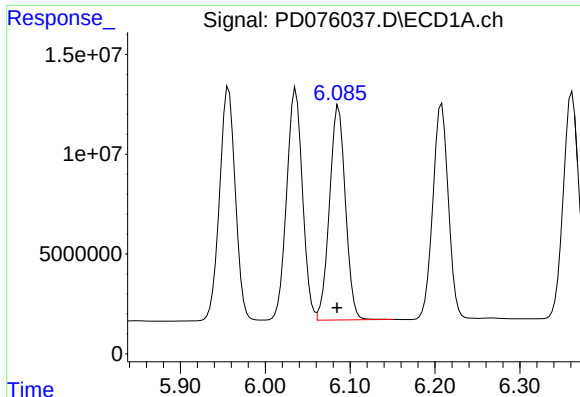
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 147260479
Conc: 45.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 65295345
Conc: 47.53 ng/ml



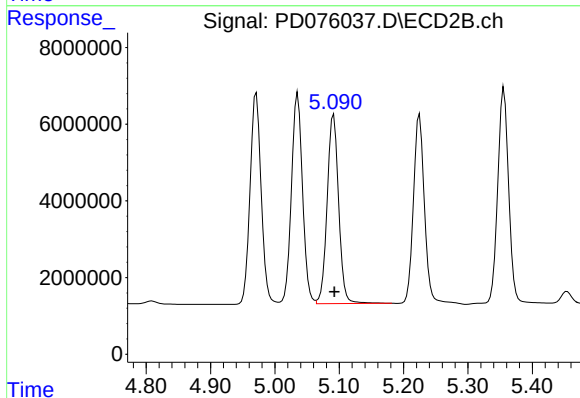
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 140369743
Conc: 46.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

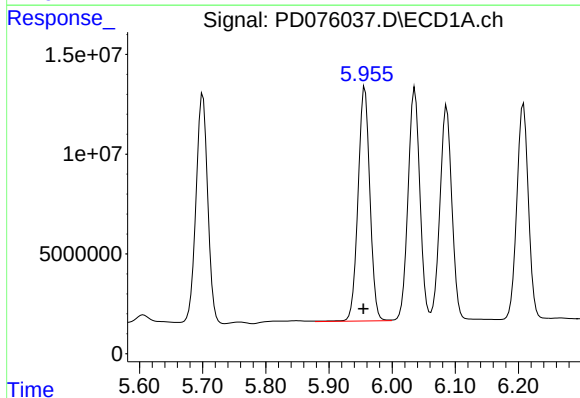
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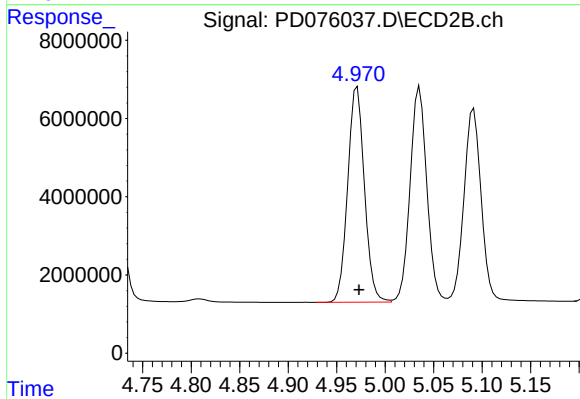
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.001 min
Response: 61268827
Conc: 47.93 ng/ml



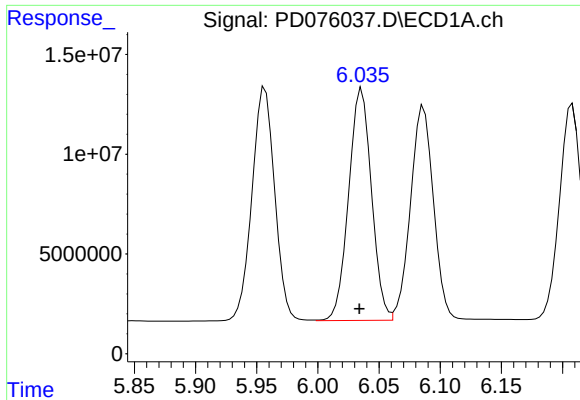
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 152582863
Conc: 47.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 65990201
Conc: 48.09 ng/ml



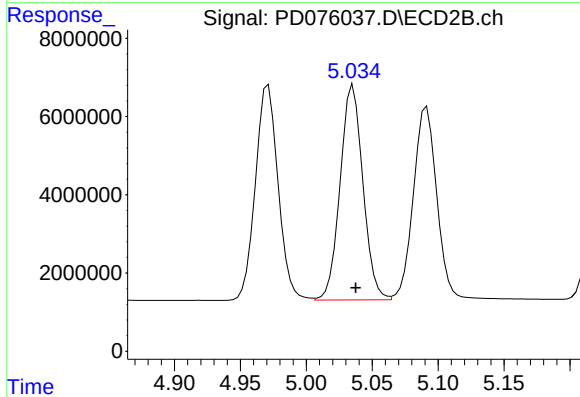
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 150974700
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

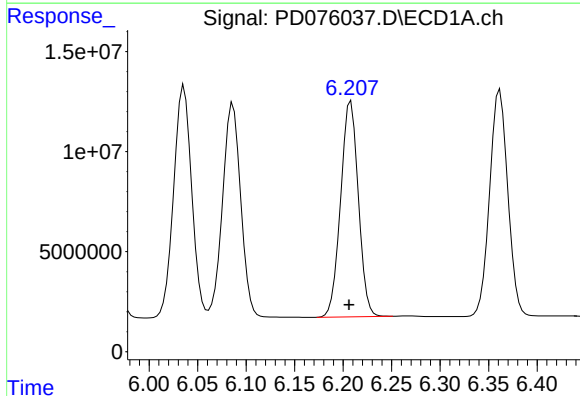
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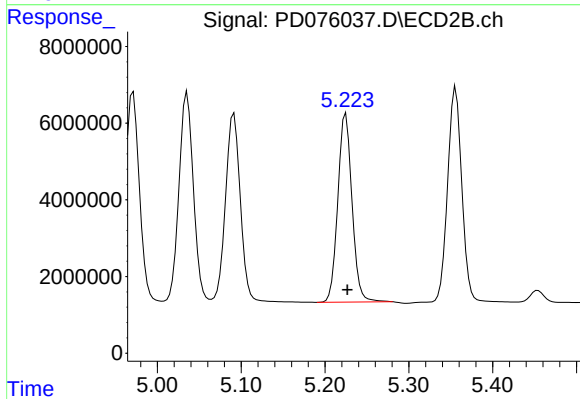
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 65960091
Conc: 48.08 ng/ml



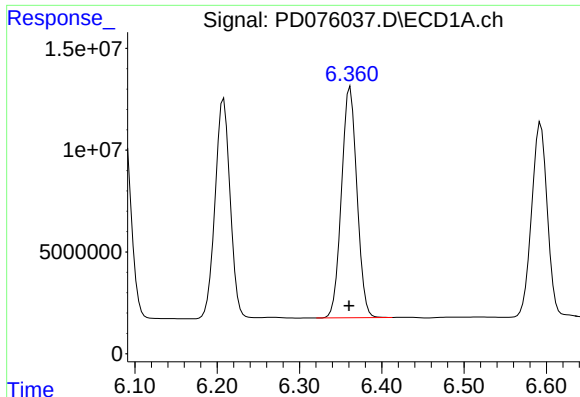
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 136866154
Conc: 47.89 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 57909048
Conc: 51.88 ng/ml



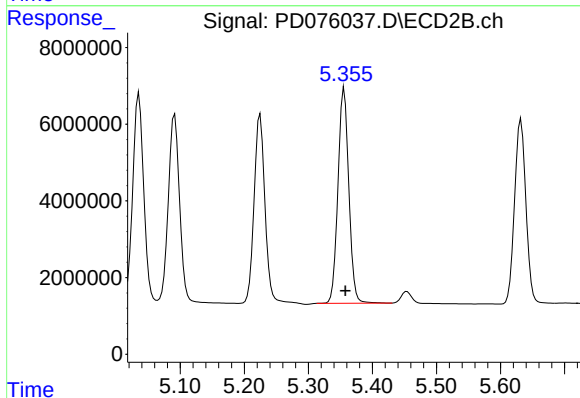
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 147939948
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

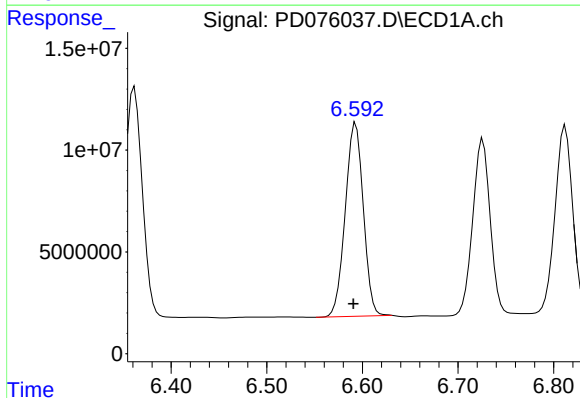
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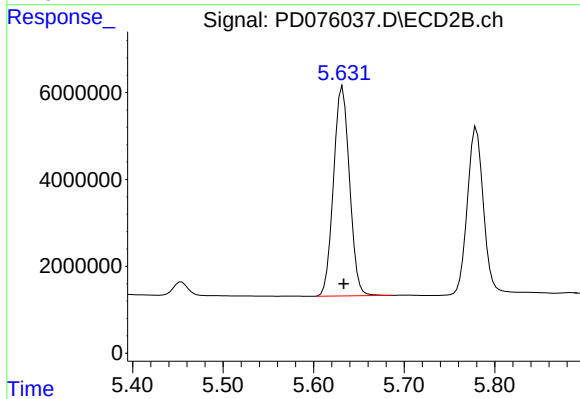
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 66019865
Conc: 48.93 ng/ml



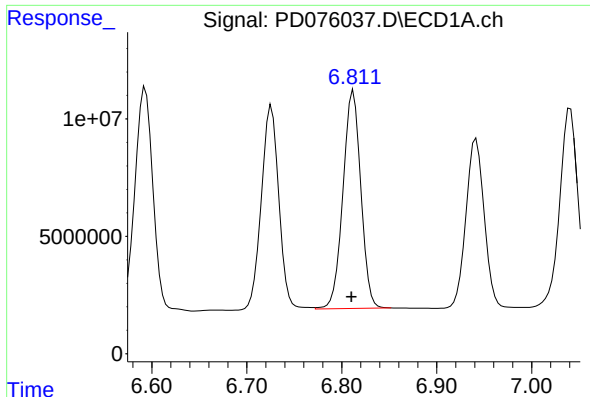
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.003 min
Response: 124997223
Conc: 46.74 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 59324996
Conc: 48.75 ng/ml



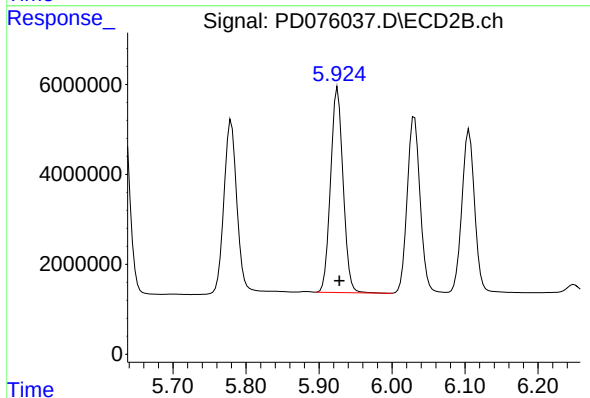
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 121408492
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

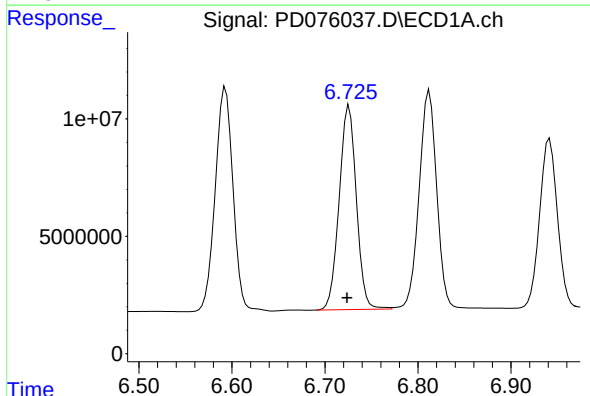
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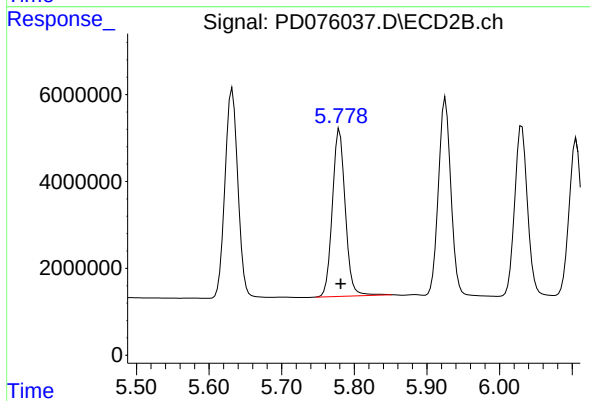
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 54211097
Conc: 50.25 ng/ml



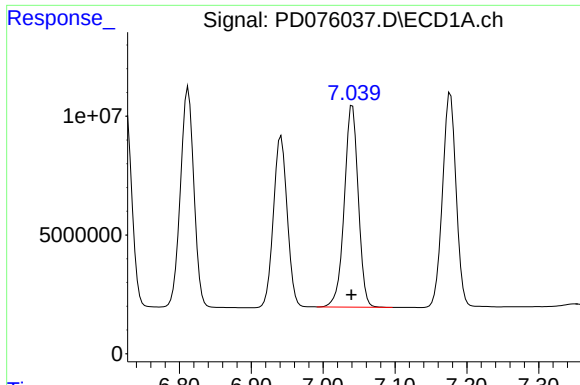
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 111572846
Conc: 49.03 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 47746293
Conc: 54.18 ng/ml



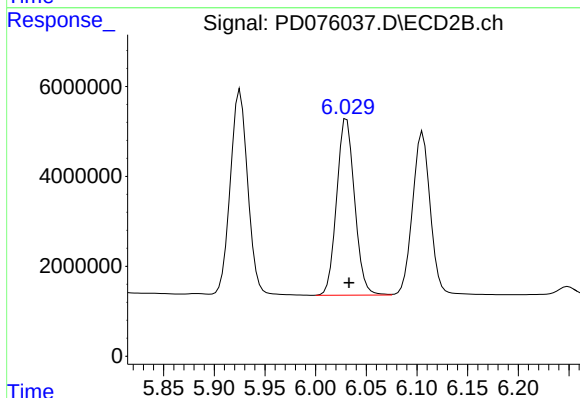
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 114500233
Conc: 50.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

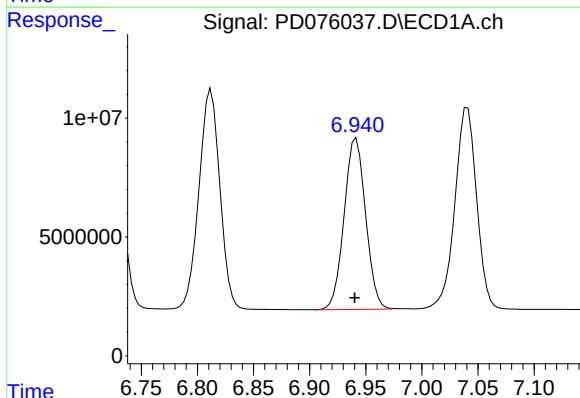
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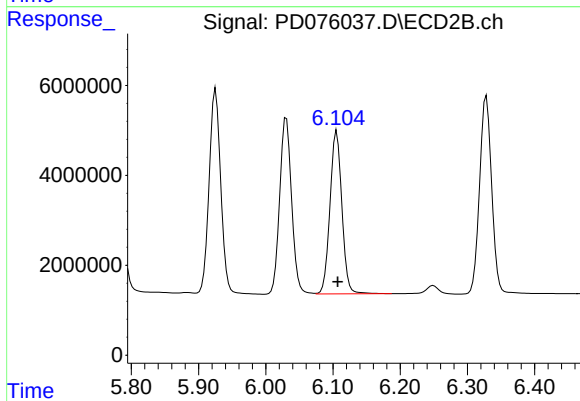
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 48434923
Conc: 59.63 ng/ml



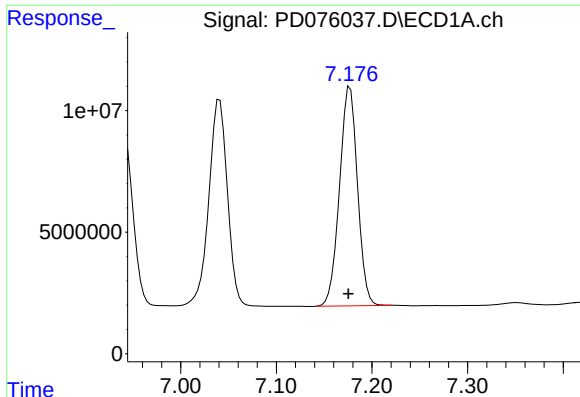
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 96093224
Conc: 47.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 44300007
Conc: 51.18 ng/ml



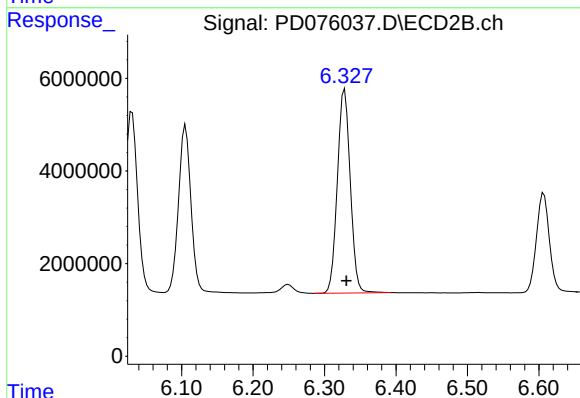
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 117981964
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

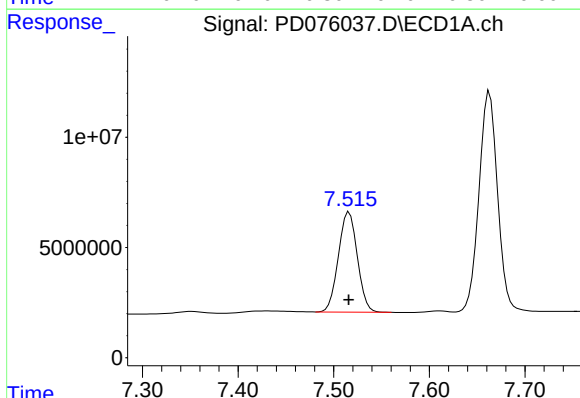
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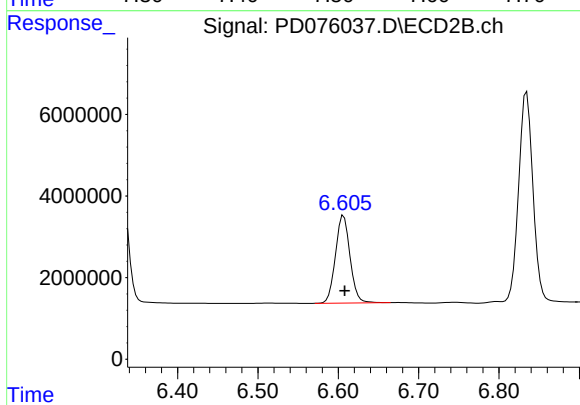
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 55129397
Conc: 51.02 ng/ml



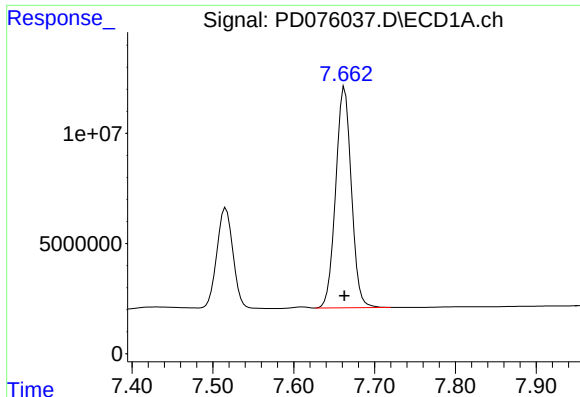
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 62635261
Conc: 48.39 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 27078540
Conc: 58.50 ng/ml



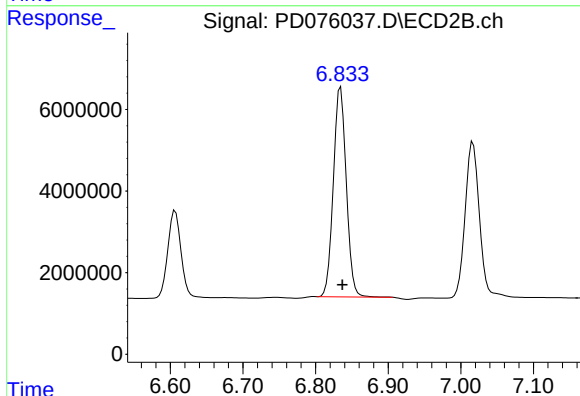
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 134906013
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

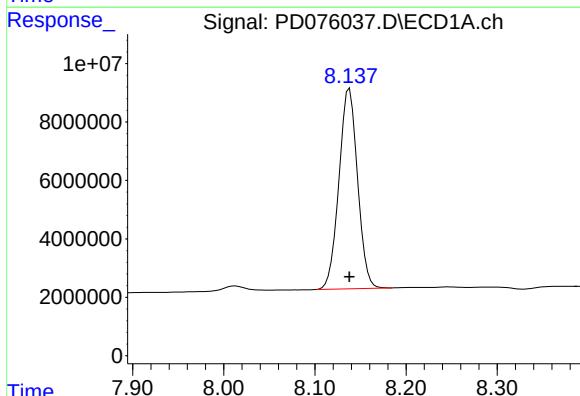
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Supervised By :Ankita Jodhani 06/23/2023



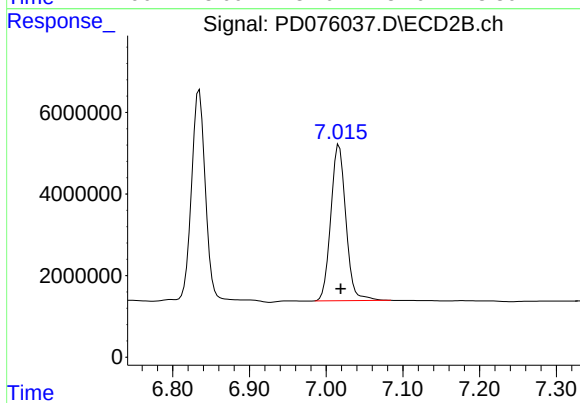
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 63643299
Conc: 52.38 ng/ml



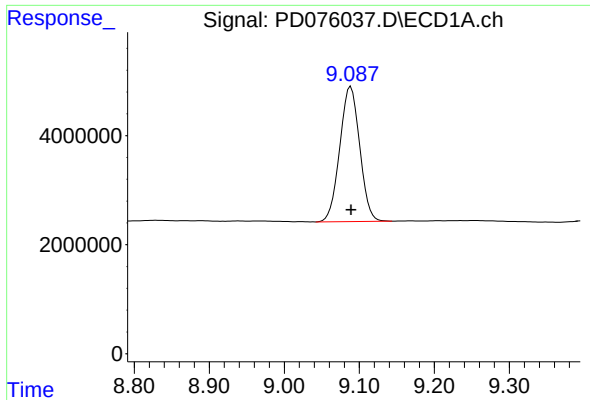
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 97199418
Conc: 45.37 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 52187066
Conc: 49.79 ng/ml



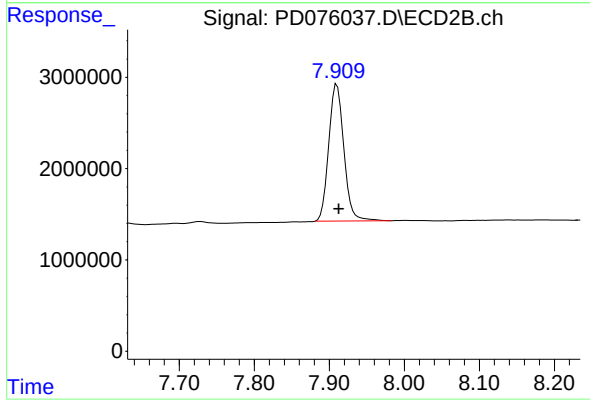
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 45723817
Conc: 18.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153644BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.003 min
Response: 21058773
Conc: 21.54 ng/ml