

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 22:00
 Operator : AR\AJ
 Sample : 04256-05MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:10:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 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...	3.542	2.761	41444570	26648164	16.323	16.848
28)	SA Decachlor...	9.081	7.899	45886113	25103047	15.063	14.547
Target Compounds							
2)	A alpha-BHC	3.998	3.262	159.1E6	91513734	38.676	39.555
3)	MA gamma-BHC...	4.332	3.592	148.2E6	86017099	37.461	38.478
4)	MA Heptachlor	4.922	3.930	154.7E6	91786066	39.490	40.805
5)	MB Aldrin	5.266	4.209	150.1E6	85100657	37.315	37.357m
6)	B beta-BHC	4.529	3.889	61357440	35733276	38.021	40.093
7)	B delta-BHC	4.777	4.117	141.7E6	83562120	38.433	38.546m
8)	B Heptachlo...	5.692	4.712	136.1E6	79137104	38.067	39.018
9)	A Endosulfan I	6.079	5.082	125.9E6	64962574	38.292	34.681
10)	B gamma-Chl...	5.949	4.963	130.6E6	80432999	37.099	40.013
11)	B alpha-Chl...	6.028	5.026	131.8E6	79409192	37.044	39.415
12)	B 4,4'-DDE	6.201	5.214	118.4E6	74989187	36.774	41.083m
13)	MA Dieldrin	6.355	5.347	126.7E6	78086891	35.620	38.244
14)	MA Endrin	6.586	5.624	117.0E6	85670070	38.588	47.297
15)	B Endosulfa...	6.805	5.915	101.8E6	63502805	32.869	37.113m
16)	A 4,4'-DDD	6.719	5.770	98462597	58225623	38.427	41.667
17)	MA 4,4'-DDT	7.035	6.021	98247902	59056787	37.567	41.800
18)	B Endrin al...	6.936	6.096	78654994	48494874	33.098	35.927
19)	B Endosulfa...	7.171	6.320	100.6E6	63238054	35.459	39.493
20)	A Methoxychlor	7.511	6.597	53485227	30174435	34.579	38.973
21)	B Endrin ke...	7.658	6.826	116.6E6	69997571	35.890	37.021
22)	Mirex	8.132	7.007	87117474	56360105	36.223	36.806

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 22:00
Operator : AR\AJ
Sample : 04256-05MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

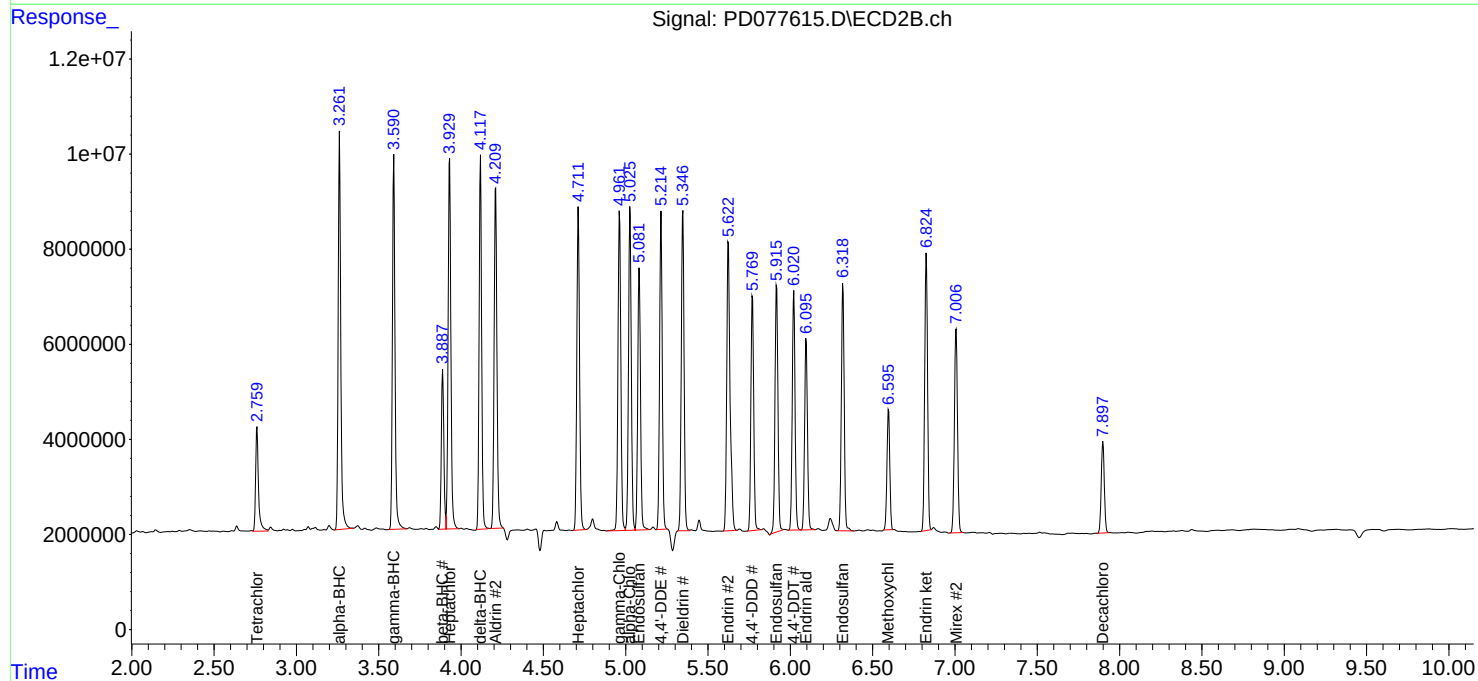
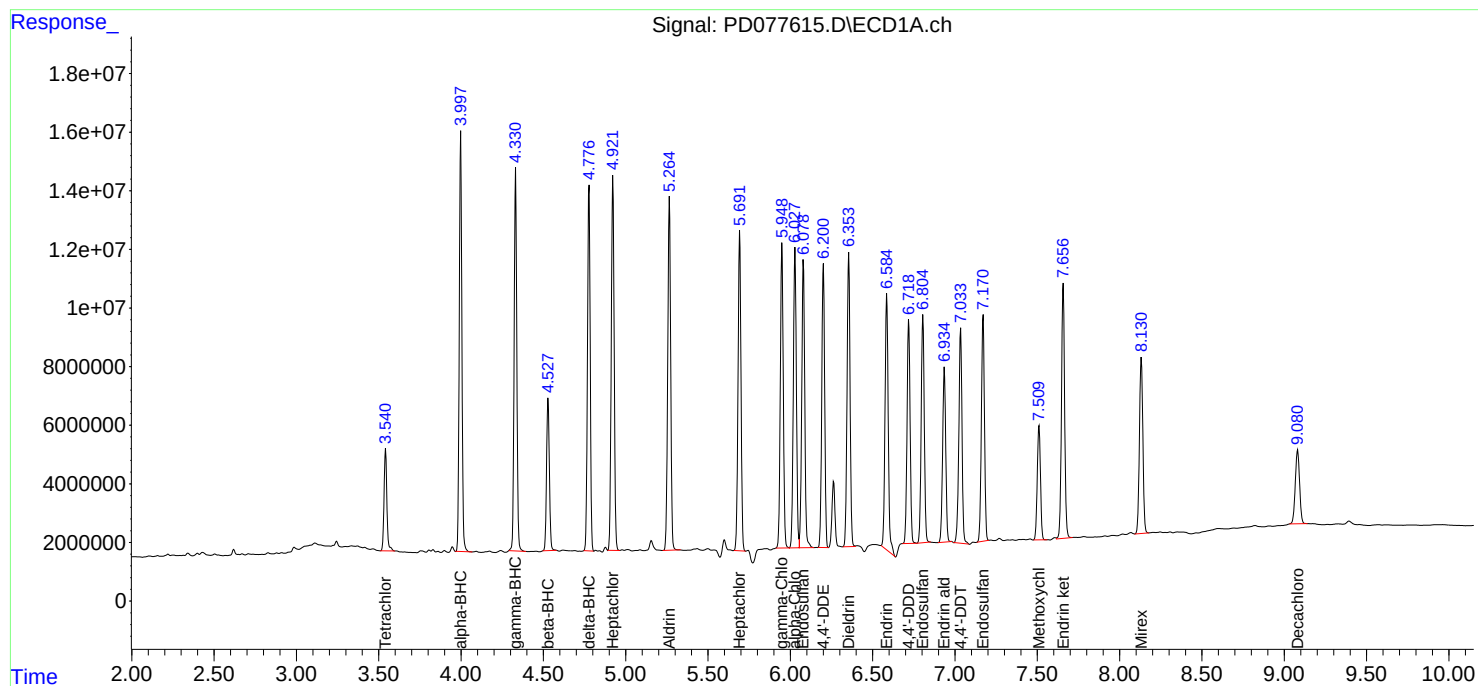
Instrument :
ECD_D
ClientSampleId :
MW-3MS

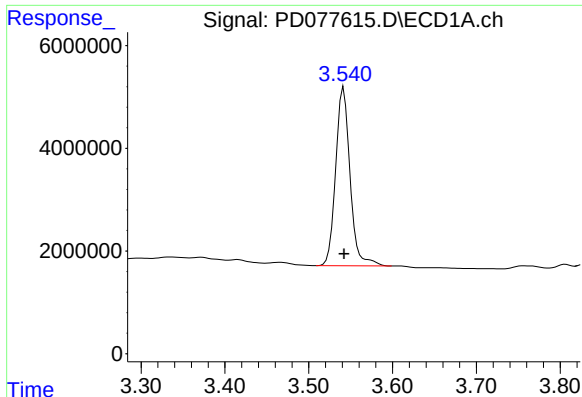
Manual Integrations
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Supervised By :Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:10:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
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





#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 41444570
Conc: 16.32 ng/ml

Instrument :

ECD_D

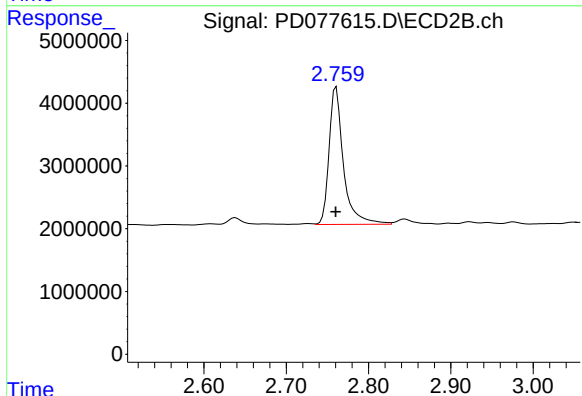
ClientSampleId :

MW-3MS

Manual Integrations

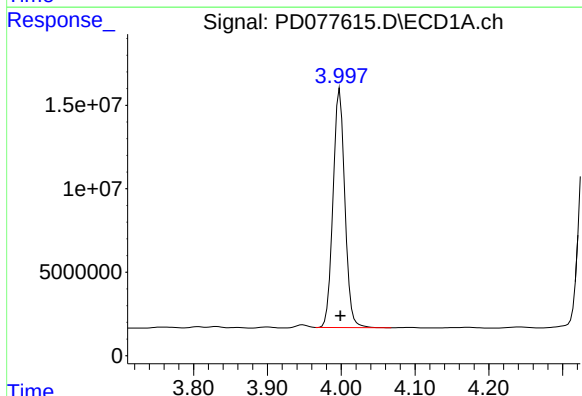
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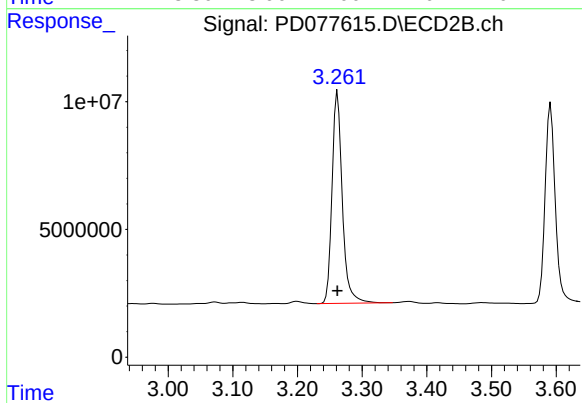
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26648164
Conc: 16.85 ng/ml



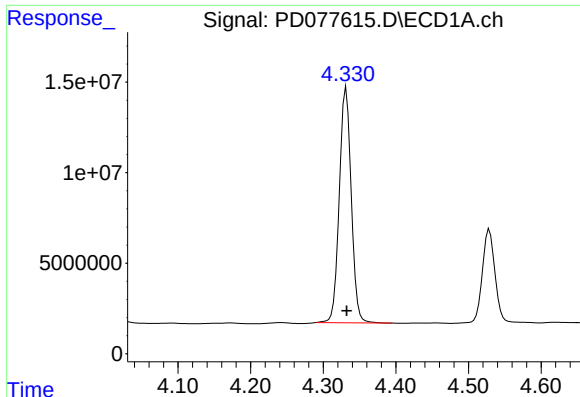
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 159119694
Conc: 38.68 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 91513734
Conc: 39.56 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 148194916
Conc: 37.46 ng/ml

Instrument :

ECD_D

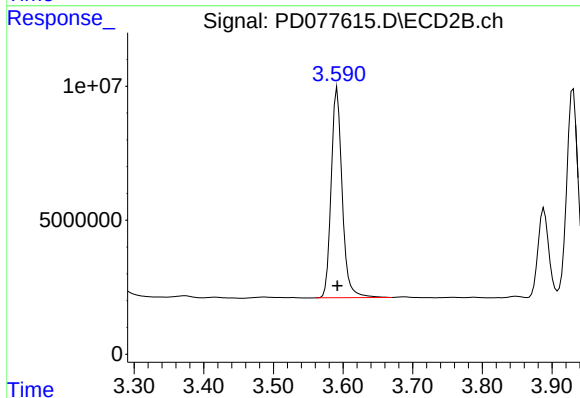
ClientSampleId :

MW-3MS

Manual Integrations

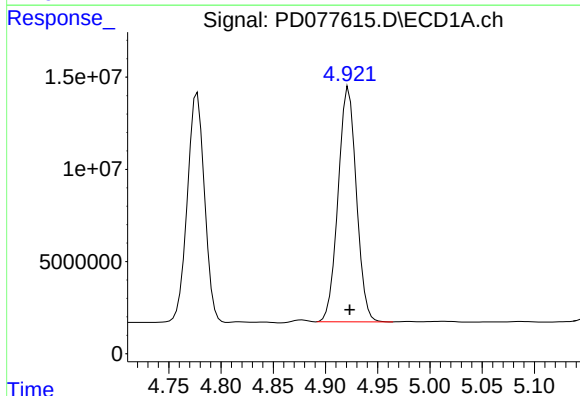
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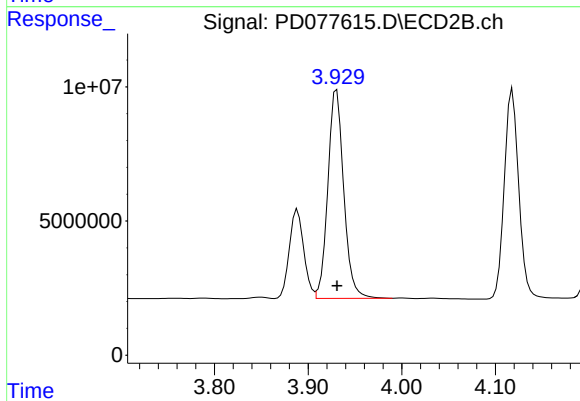
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 86017099
Conc: 38.48 ng/ml



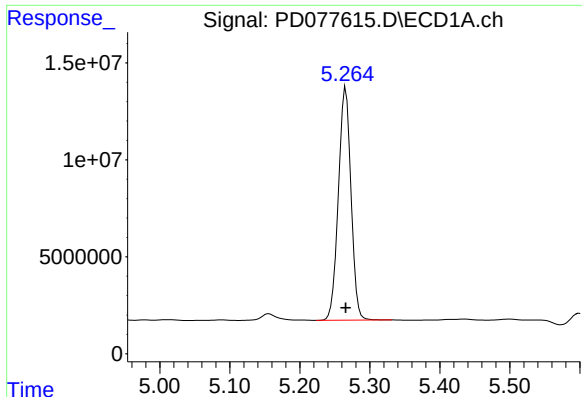
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 154720213
Conc: 39.49 ng/ml



#4 Heptachlor

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 91786066
Conc: 40.80 ng/ml



#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 150073948
Conc: 37.31 ng/ml

Instrument :

ECD_D

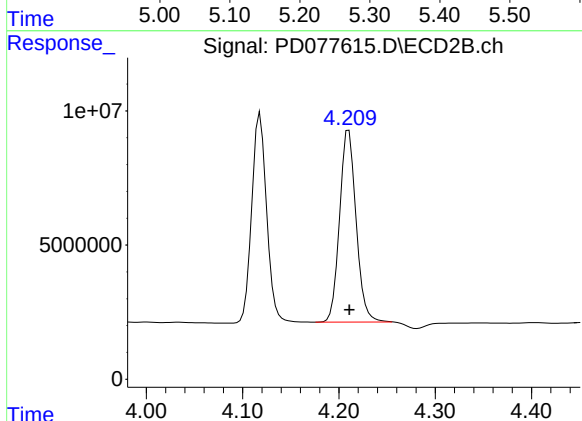
ClientSampleId :

MW-3MS

Manual Integrations

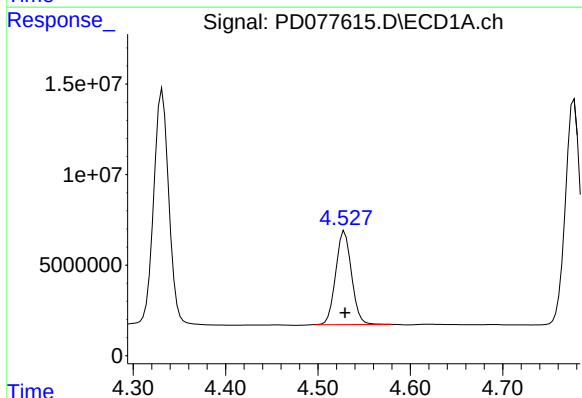
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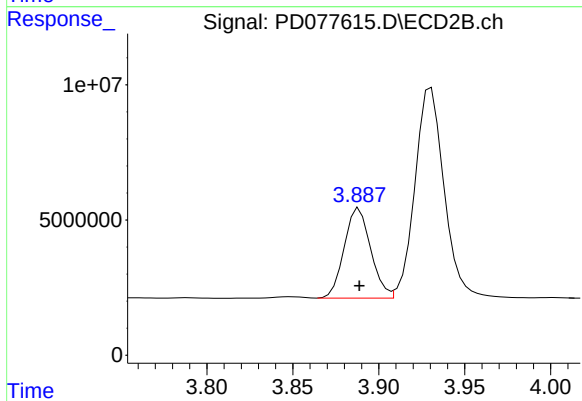
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 85100657
Conc: 37.36 ng/ml m



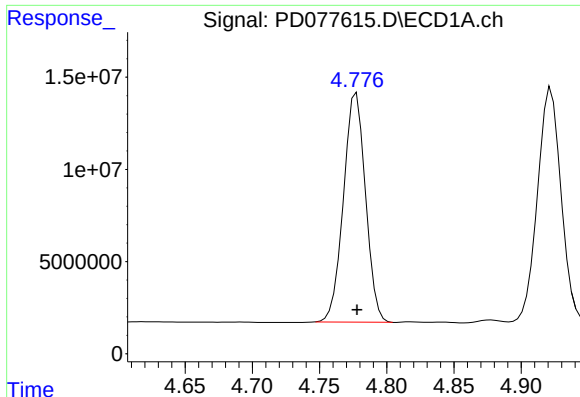
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 61357440
Conc: 38.02 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 35733276
Conc: 40.09 ng/ml



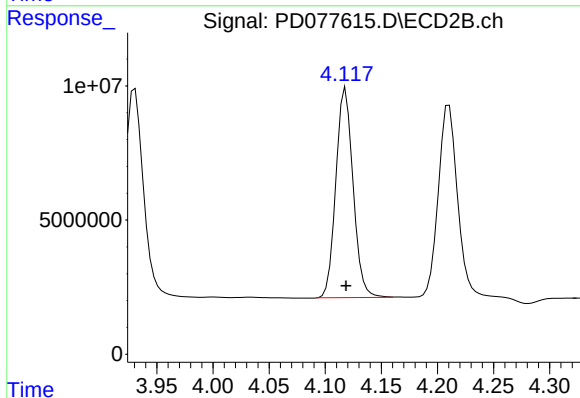
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 141680166
Conc: 38.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

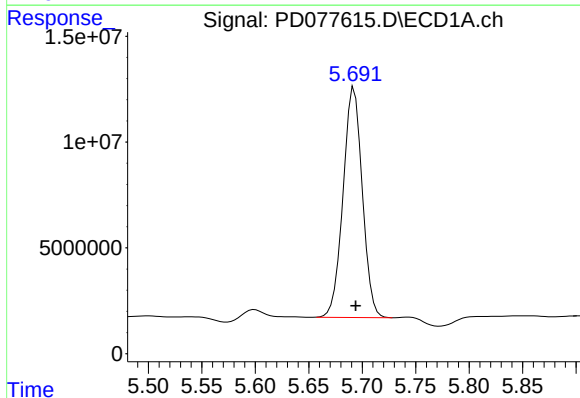
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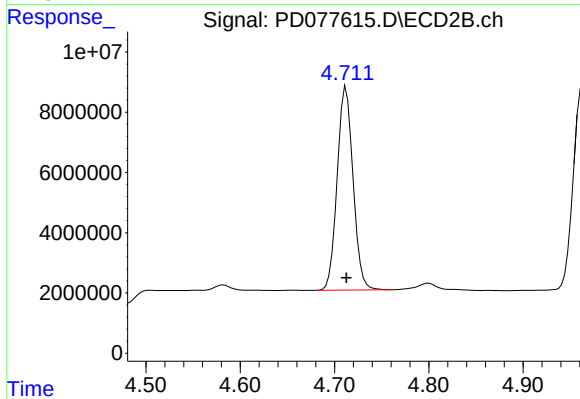
#7 delta-BHC

R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 83562120
Conc: 38.55 ng/ml m



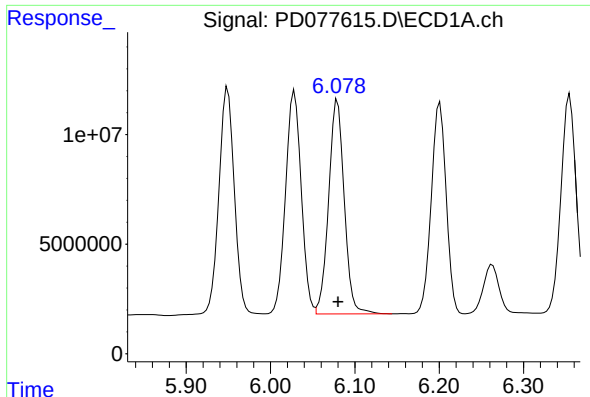
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 136111961
Conc: 38.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 79137104
Conc: 39.02 ng/ml



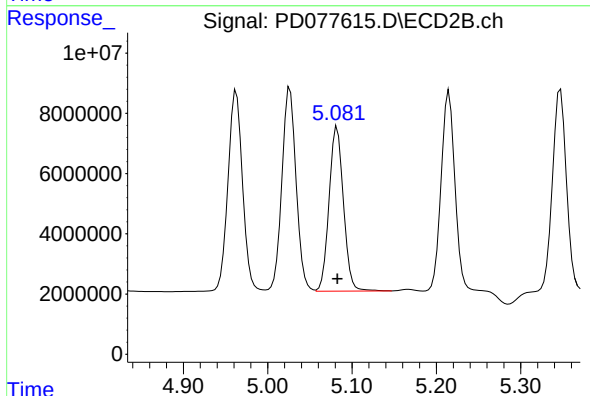
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 125946173
Conc: 38.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

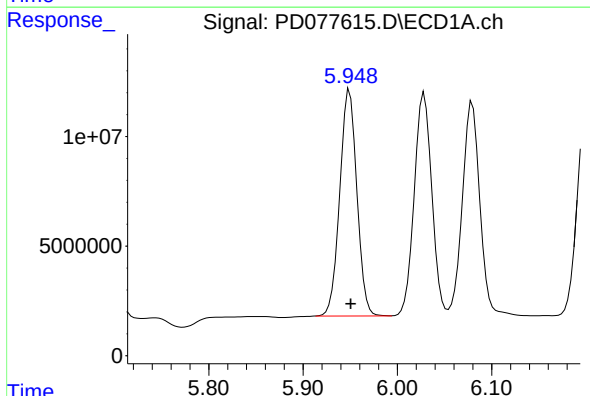
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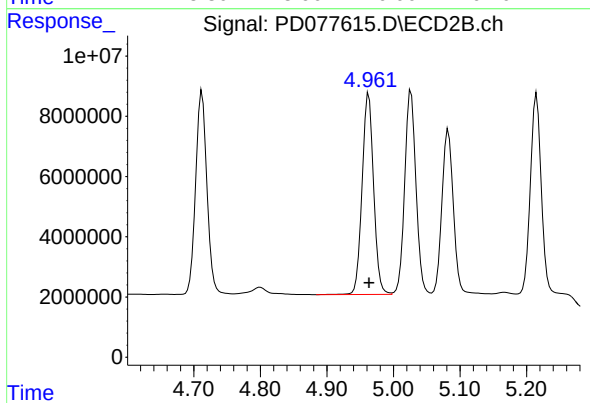
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 64962574
Conc: 34.68 ng/ml



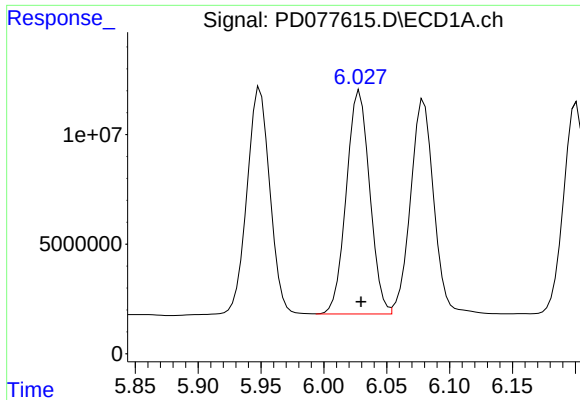
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 130601319
Conc: 37.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 80432999
Conc: 40.01 ng/ml



#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 131816360
Conc: 37.04 ng/ml

Instrument :

ECD_D

ClientSampleId :

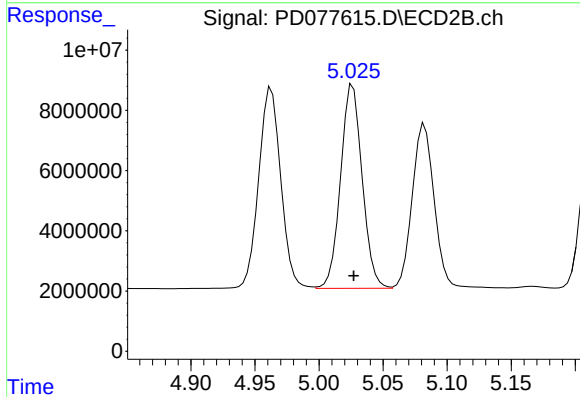
MW-3MS

Manual Integrations

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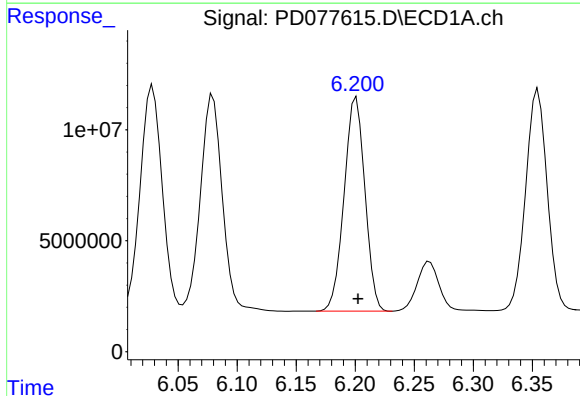
Reviewed By :Abdul Mirza 09/05/2023

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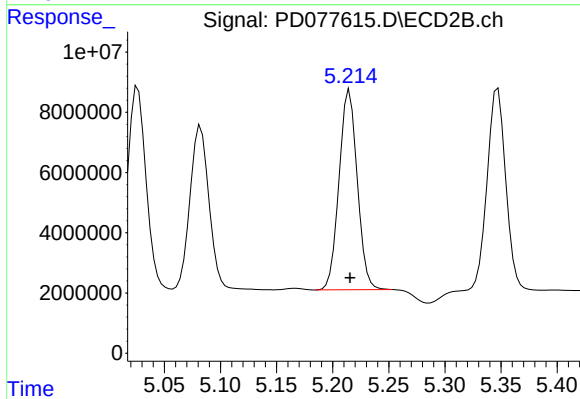
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 79409192
Conc: 39.41 ng/ml



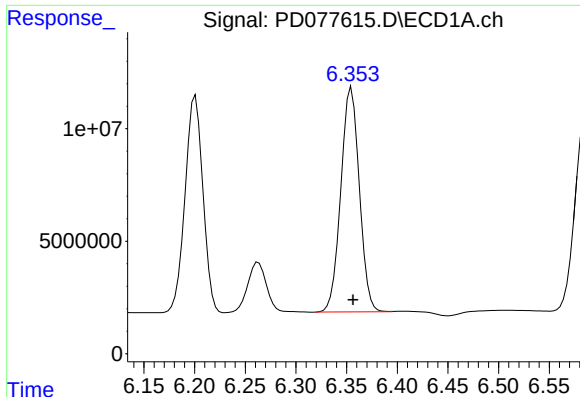
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 118397681
Conc: 36.77 ng/ml



#12 4,4'-DDE

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 74989187
Conc: 41.08 ng/ml m



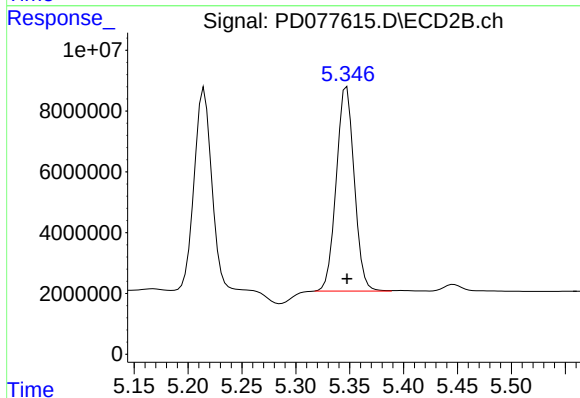
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 126729163
Conc: 35.62 ng/ml

Instrument :
ECD_D
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MW-3MS

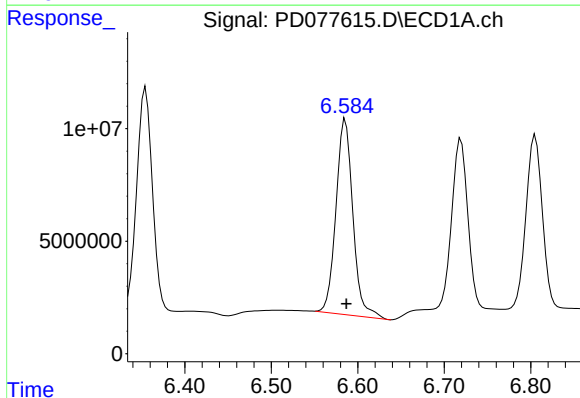
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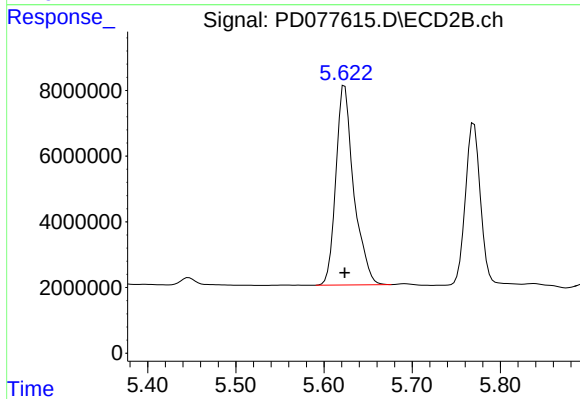
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 78086891
Conc: 38.24 ng/ml



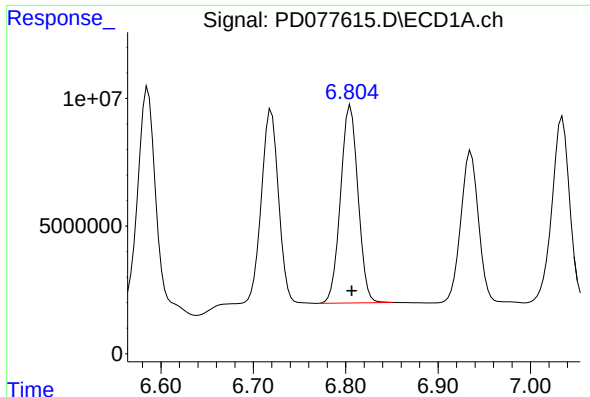
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 117043751
Conc: 38.59 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 85670070
Conc: 47.30 ng/ml



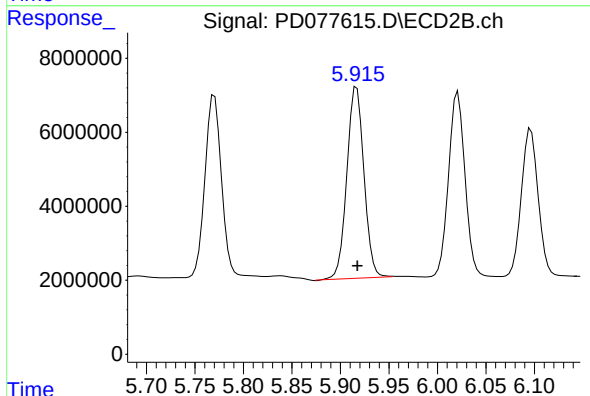
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 101849179
Conc: 32.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

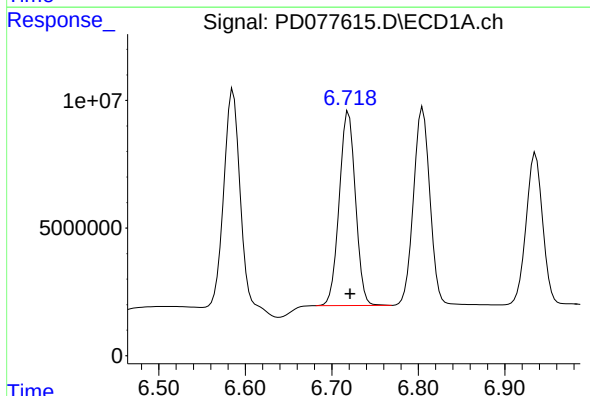
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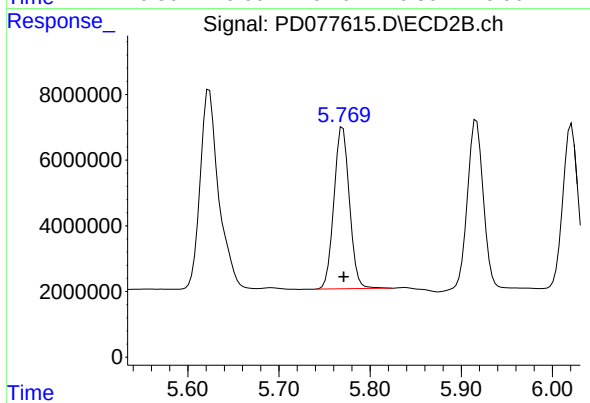
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 63502805
Conc: 37.11 ng/ml m



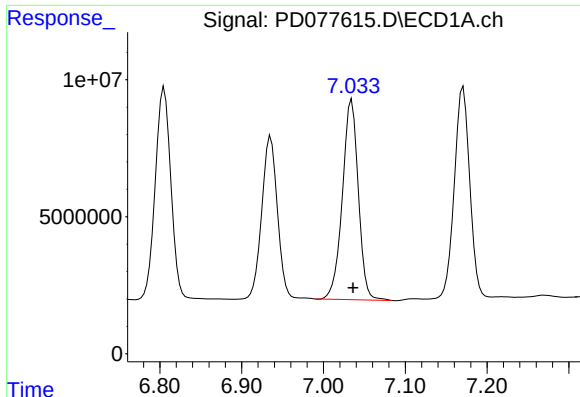
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 98462597
Conc: 38.43 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 58225623
Conc: 41.67 ng/ml



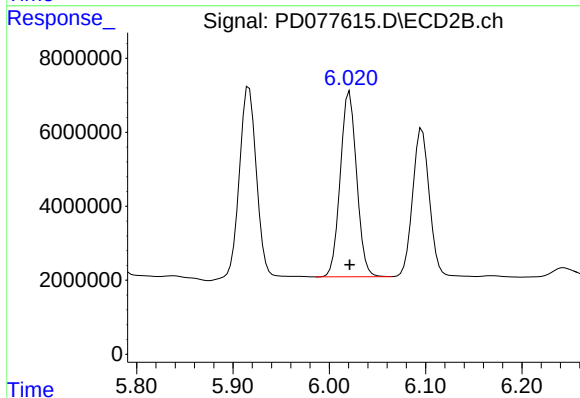
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 98247902
Conc: 37.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

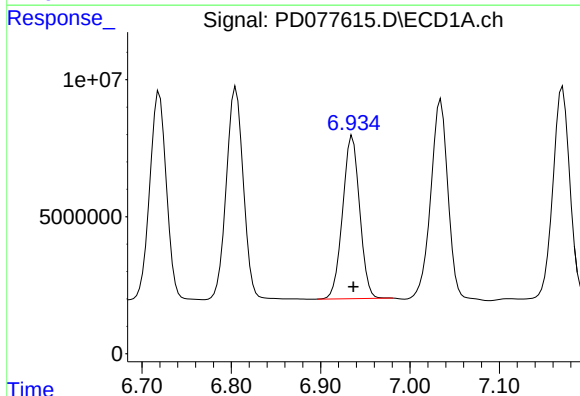
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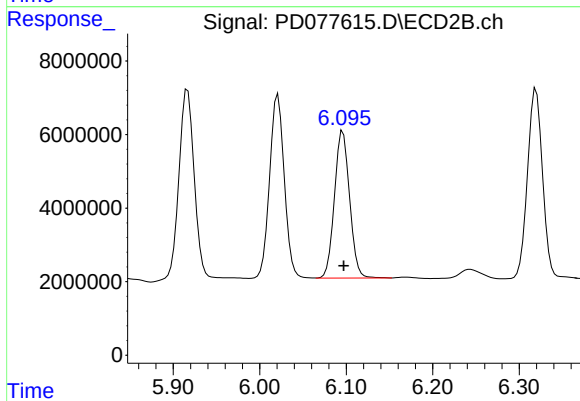
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 59056787
Conc: 41.80 ng/ml



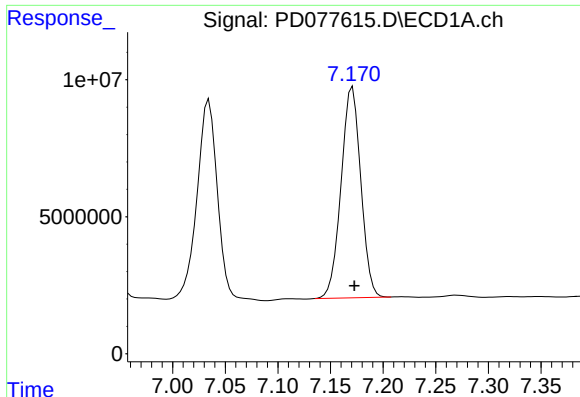
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 78654994
Conc: 33.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 48494874
Conc: 35.93 ng/ml



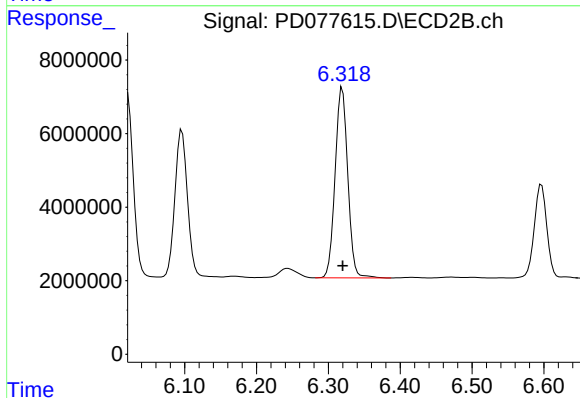
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 100629718
Conc: 35.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

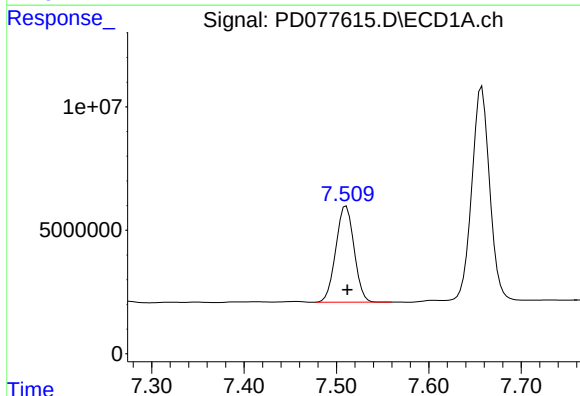
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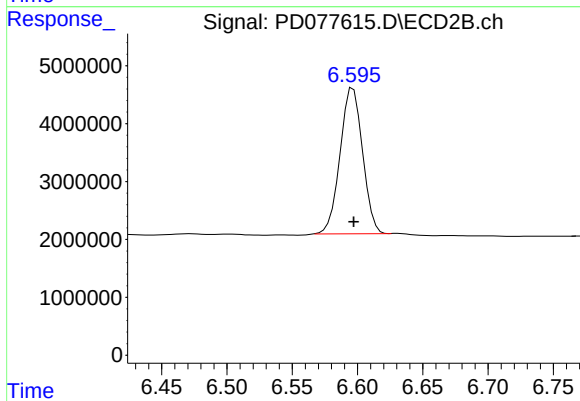
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 63238054
Conc: 39.49 ng/ml



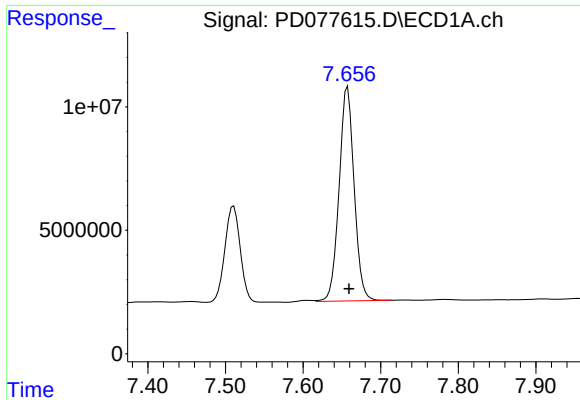
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.001 min
Response: 53485227
Conc: 34.58 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 30174435
Conc: 38.97 ng/ml



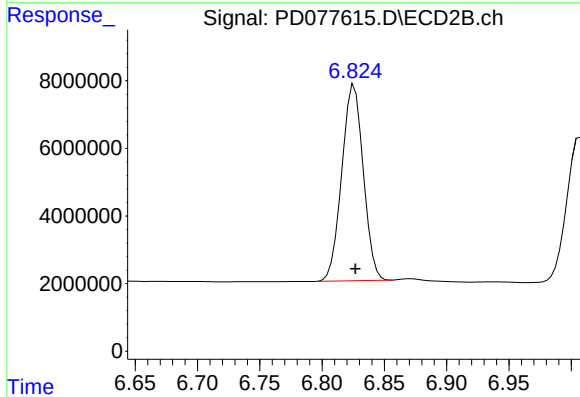
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 116642935
Conc: 35.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

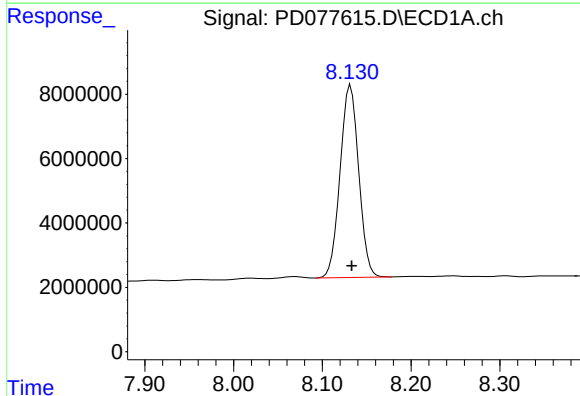
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Reviewed By :Abdul Mirza 09/05/2023
Supervised By :Ankita Jodhani 09/05/2023



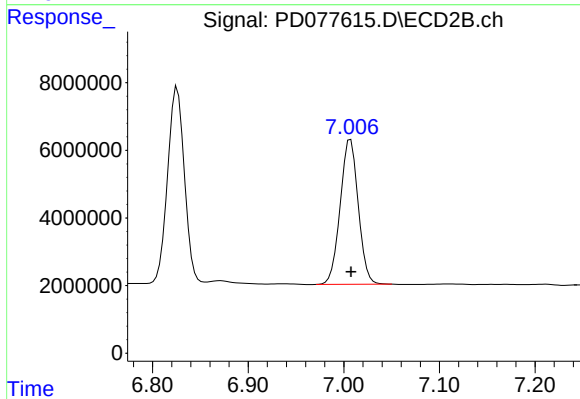
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 69997571
Conc: 37.02 ng/ml



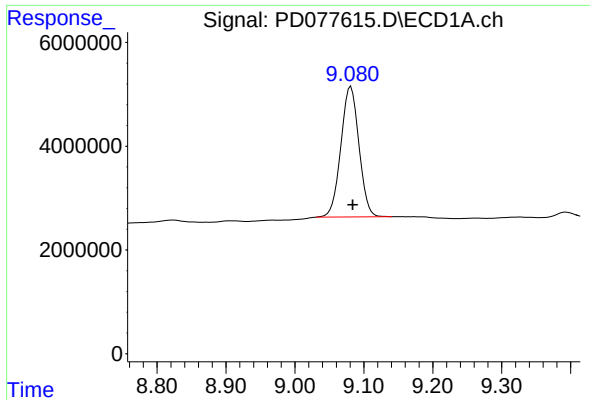
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 87117474
Conc: 36.22 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 56360105
Conc: 36.81 ng/ml



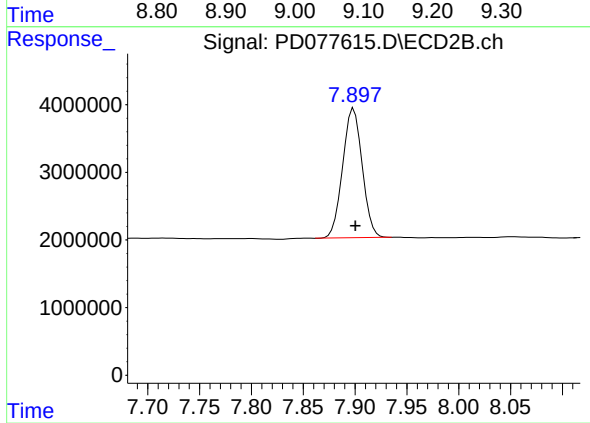
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 45886113
Conc: 15.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/05/2023



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 25103047
Conc: 14.55 ng/ml