

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
 Data File : PD076073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 22:33
 Operator : AR\AJ
 Sample : 03358-03MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1-(34-36)MSD

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 07:38:21 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...	3.546	2.767	41994462	20824928	19.714	19.195
28)	SA Decachlor...	9.084	7.909	48767426	20839551	19.250	21.313
Target Compounds							
2)	A alpha-BHC	4.002	3.269	204.2E6	86892966	55.303	54.316
3)	MA gamma-BHC...	4.335	3.599	188.5E6	80452130	56.008	54.602
4)	MA Heptachlor	4.926	3.939	199.7E6	84045410	55.670	55.335
5)	MB Aldrin	5.269	4.219	193.0E6	82805491	55.086	55.530
6)	B beta-BHC	4.531	3.896	76675564	34355113	53.331	53.898
7)	B delta-BHC	4.780	4.126	182.7E6	79147520	54.981	54.623
8)	B Heptachlo...	5.696	4.721	171.5E6	73715782	53.236	53.665
9)	A Endosulfan I	6.083	5.092	161.9E6	69102606	53.980	54.062
10)	B gamma-Chl...	5.952	4.972	173.6E6	74497435	53.901	54.294
11)	B alpha-Chl...	6.032	5.036	173.0E6	73648011	53.511	53.688
12)	B 4,4'-DDE	6.204	5.225	160.8E6	67864285	56.275	60.801
13)	MA Dieldrin	6.358	5.356	168.7E6	73648375	53.983	54.588
14)	MA Endrin	6.589	5.632	143.4E6	66441258	53.625	54.595
15)	B Endosulfa...	6.808	5.926	134.6E6	60098191	52.093	55.706
16)	A 4,4'-DDD	6.722	5.780	128.7E6	55795056	56.571	63.312
17)	MA 4,4'-DDT	7.037	6.030	131.1E6	55539340	57.787	68.374
18)	B Endrin al...	6.936	6.105	106.2E6	48396210	52.924m	55.918
19)	B Endosulfa...	7.173	6.328	133.3E6	61391501	52.912	56.812
20)	A Methoxychlor	7.512	6.606	70858340	31154026	54.743	67.310
21)	B Endrin ke...	7.659	6.834	149.1E6	69674525	53.517	57.348
22)	Mirex	8.134	7.017	108.2E6	54332488	50.512	51.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
Data File : PD076073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2023 22:33
Operator : AR\AJ
Sample : 03358-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

SB-1-(34-36)MSD

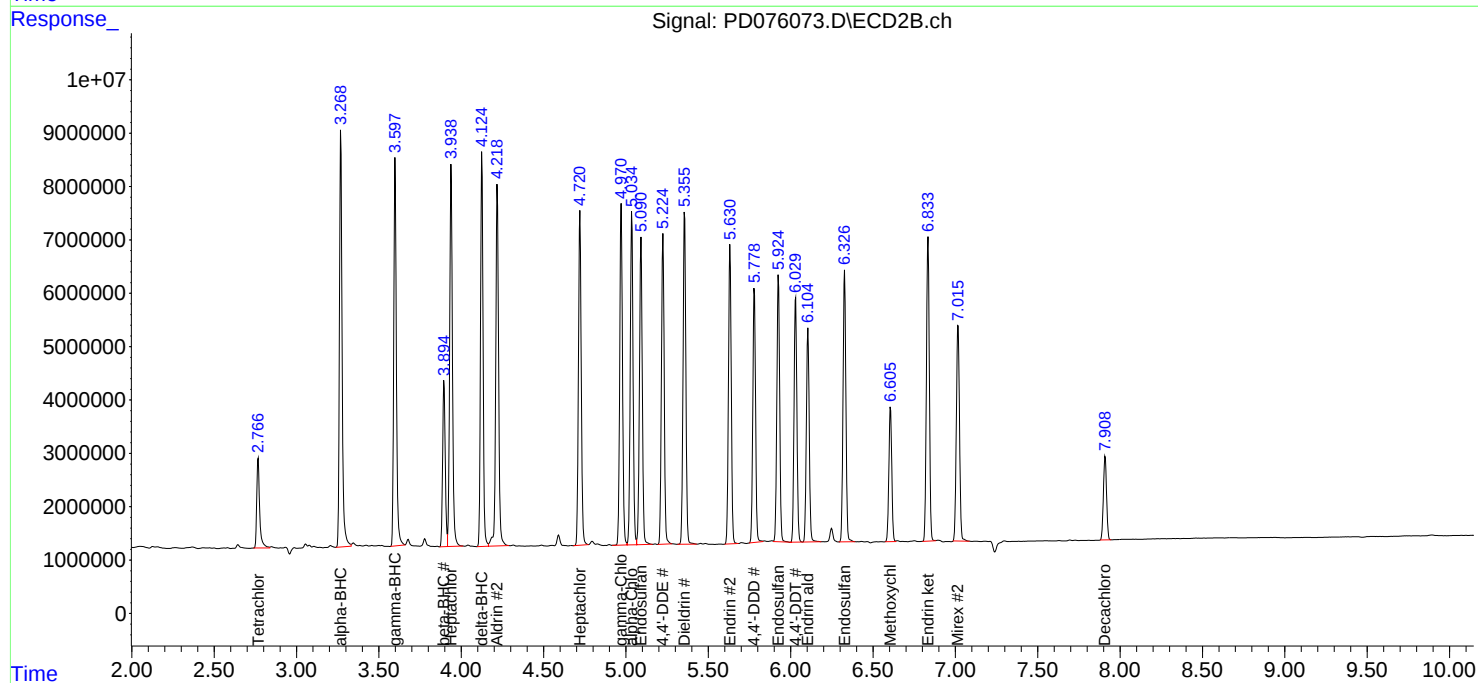
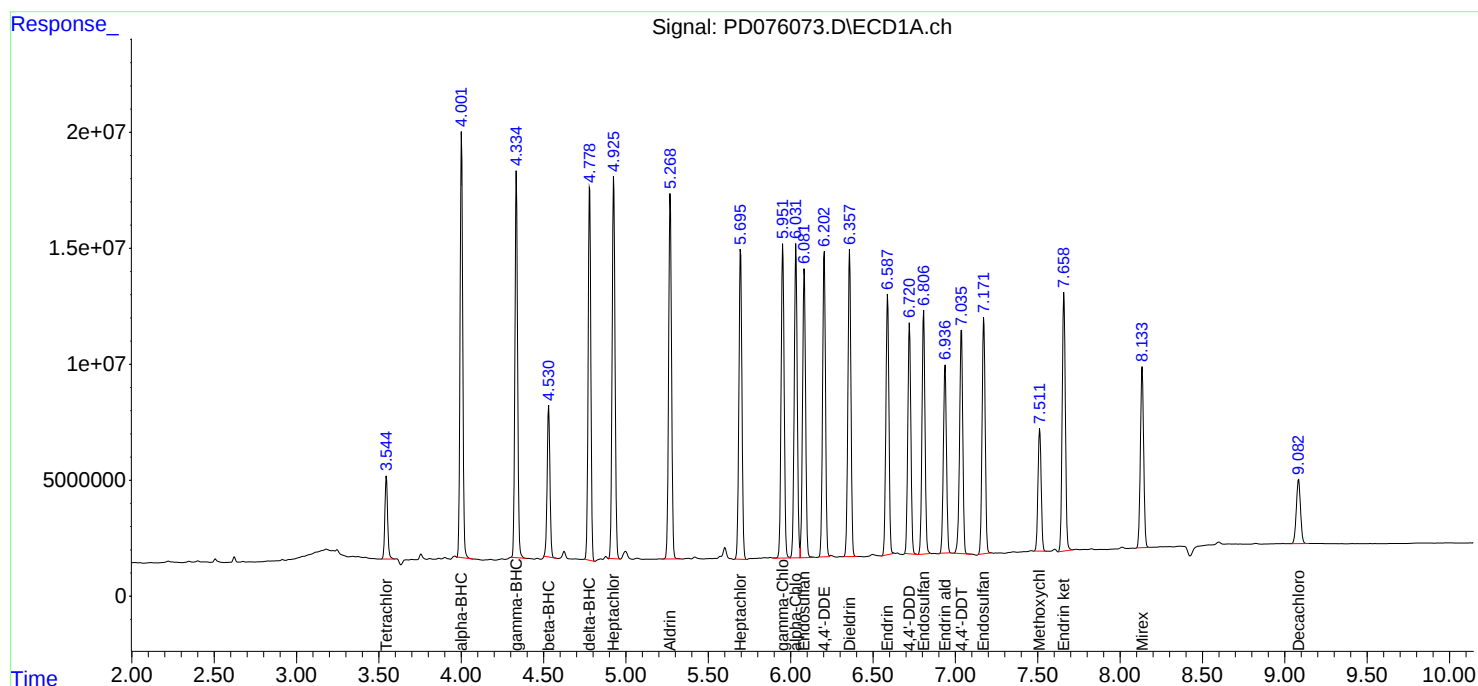
Manual Integrations

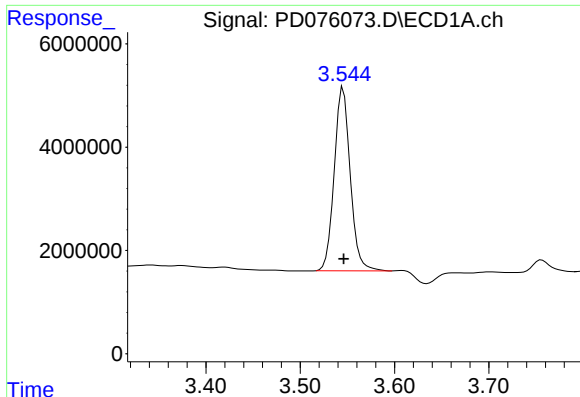
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Reviewed By :Abdul Mirza 06/23/2023
Supervised By :Ankita Jodhani 06/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 07:38:21 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





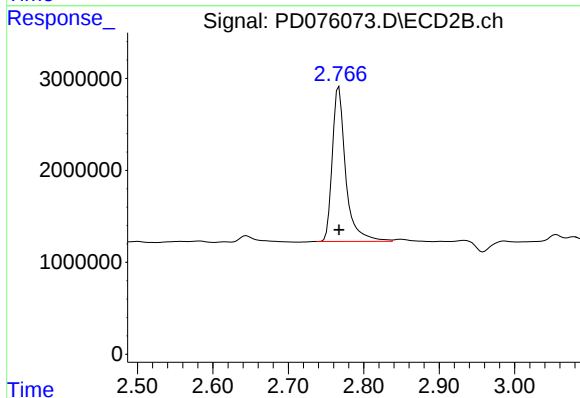
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 41994462
Conc: 19.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

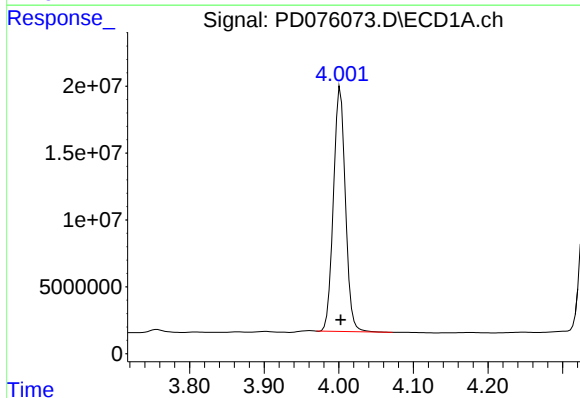
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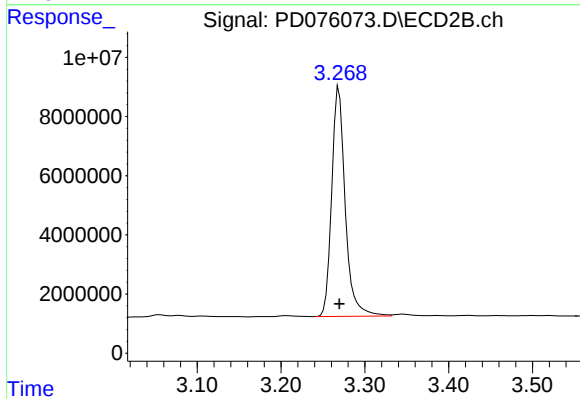
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 20824928
Conc: 19.19 ng/ml



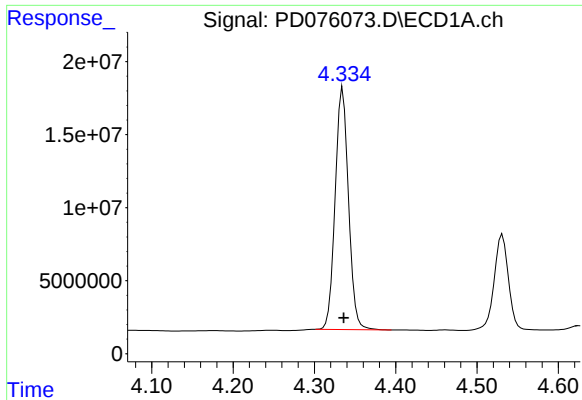
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 204182944
Conc: 55.30 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 86892966
Conc: 54.32 ng/ml



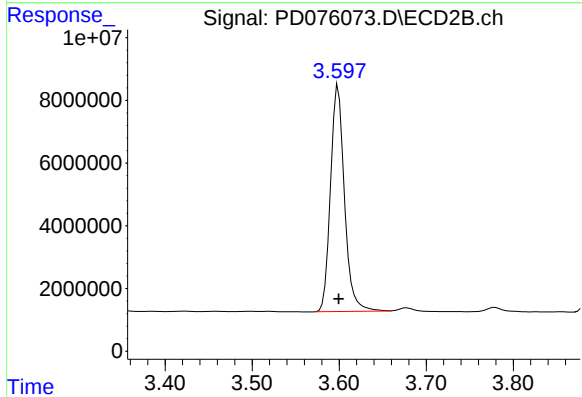
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 188462147
Conc: 56.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

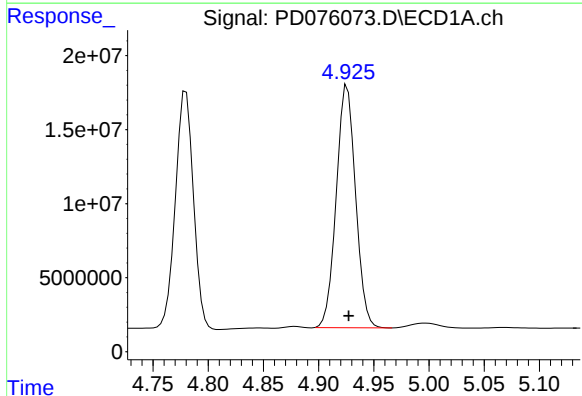
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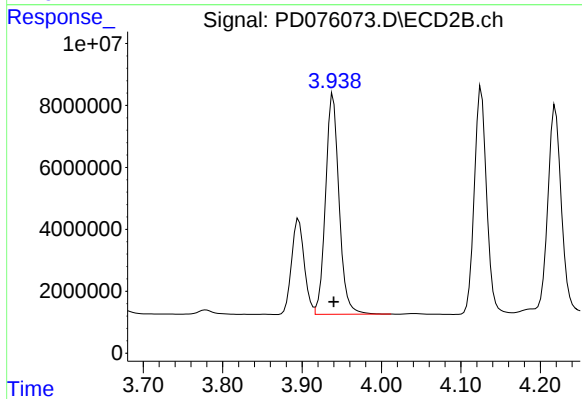
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 80452130
Conc: 54.60 ng/ml



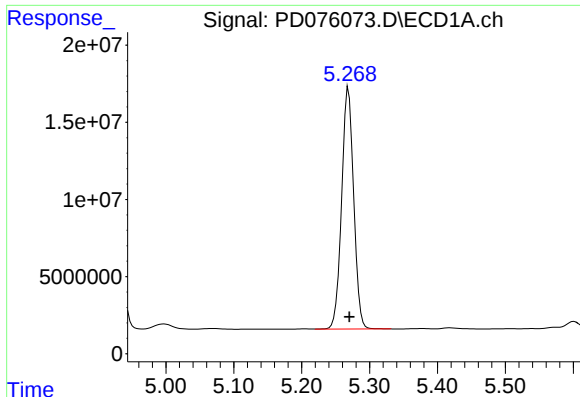
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 199665129
Conc: 55.67 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 84045410
Conc: 55.33 ng/ml



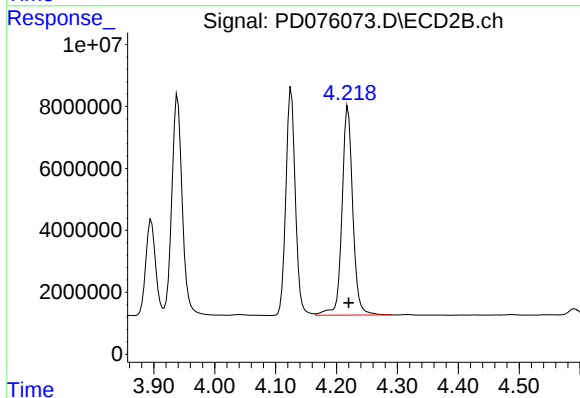
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 193033244
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

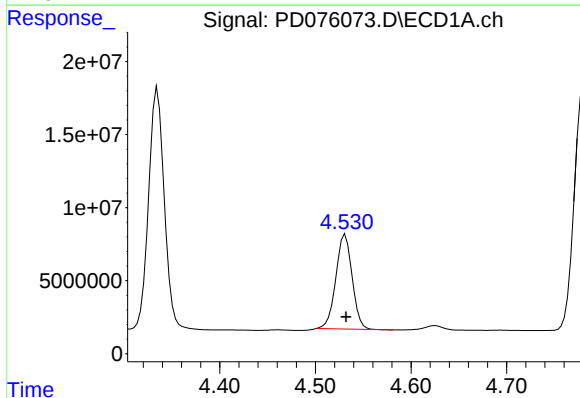
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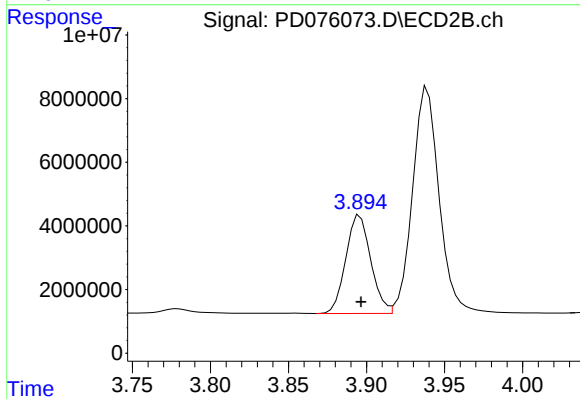
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 82805491
Conc: 55.53 ng/ml



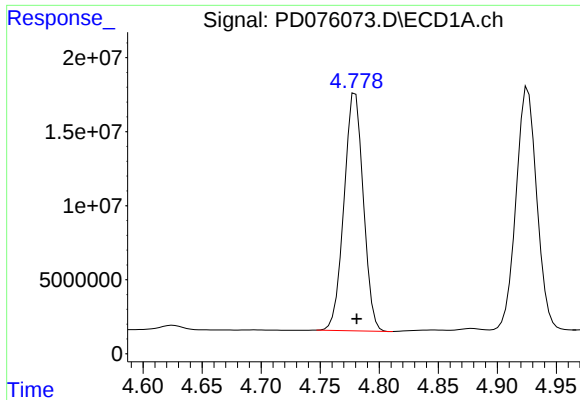
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 76675564
Conc: 53.33 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 34355113
Conc: 53.90 ng/ml



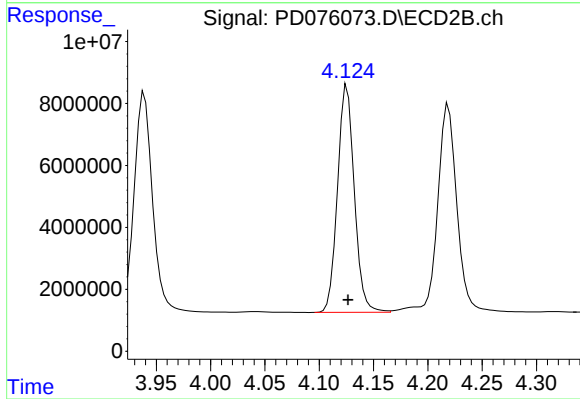
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 182739375
Conc: 54.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

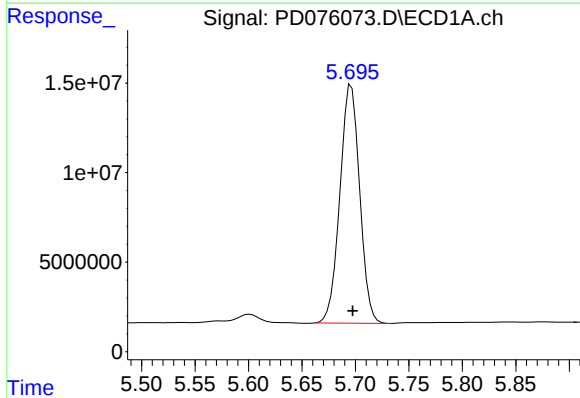
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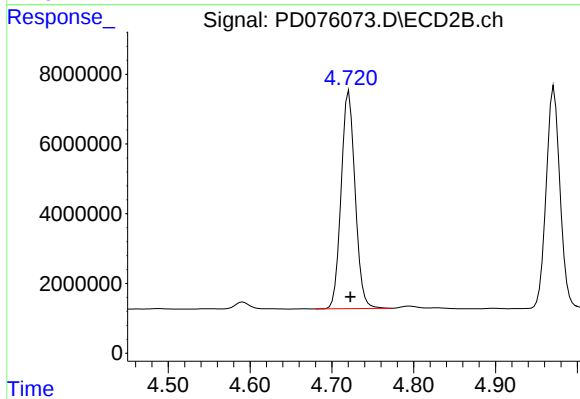
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 79147520
Conc: 54.62 ng/ml



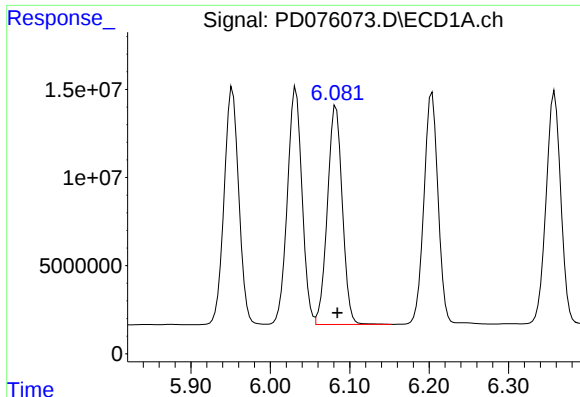
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 171543263
Conc: 53.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 73715782
Conc: 53.66 ng/ml



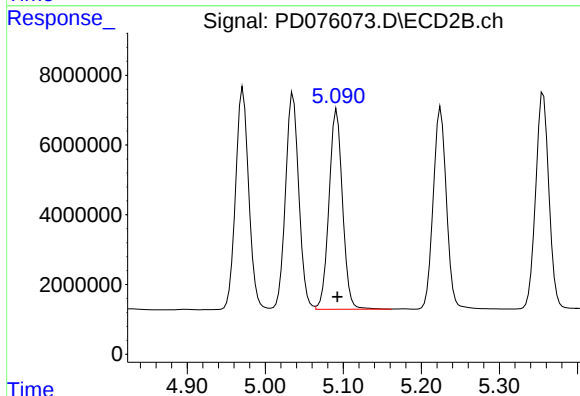
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 161912874
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

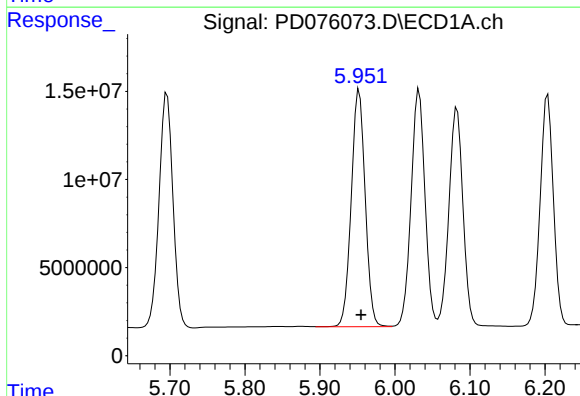
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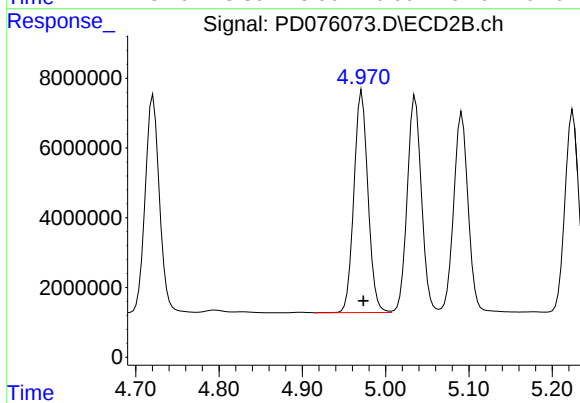
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 69102606
Conc: 54.06 ng/ml



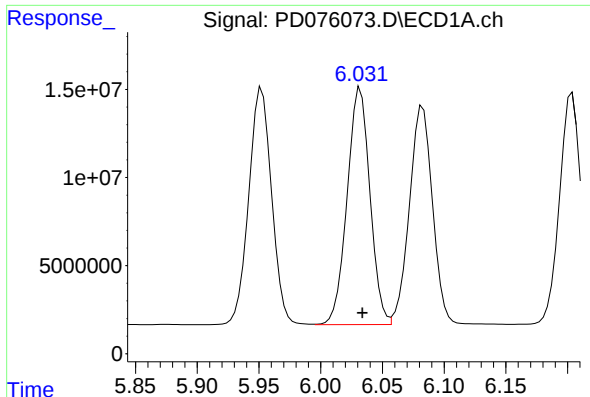
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 173634330
Conc: 53.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 74497435
Conc: 54.29 ng/ml



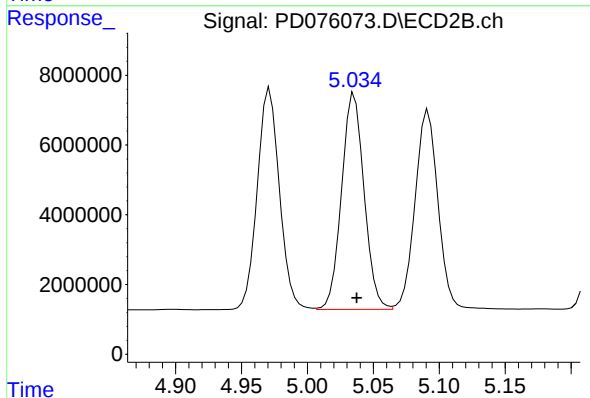
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 172994619
Conc: 53.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

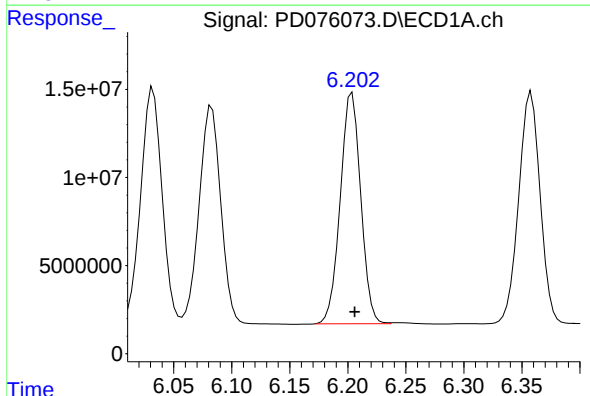
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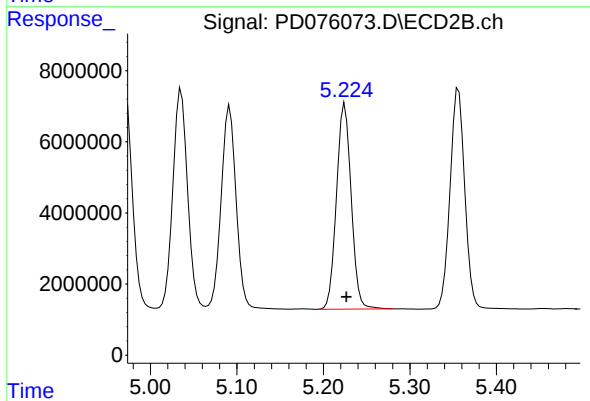
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 73648011
Conc: 53.69 ng/ml



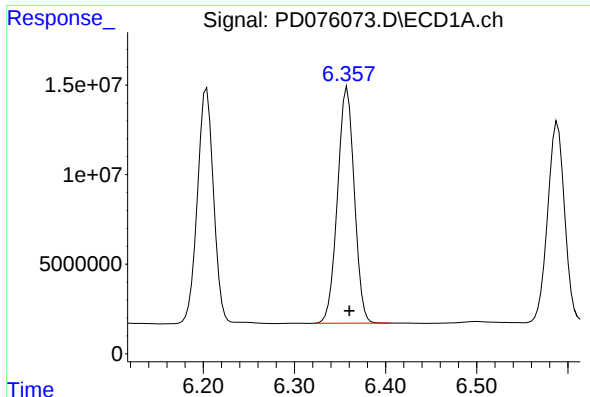
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 160843065
Conc: 56.28 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 67864285
Conc: 60.80 ng/ml



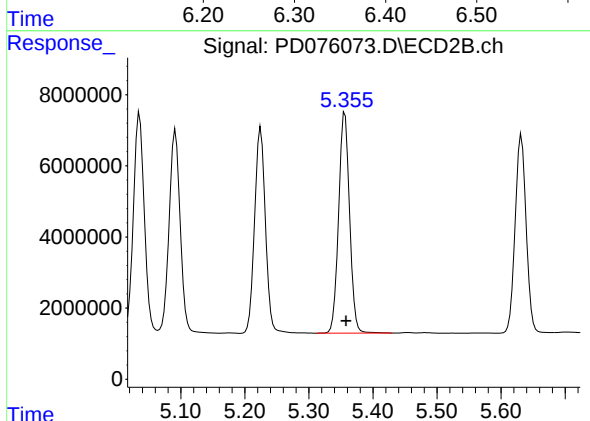
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 168696016
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

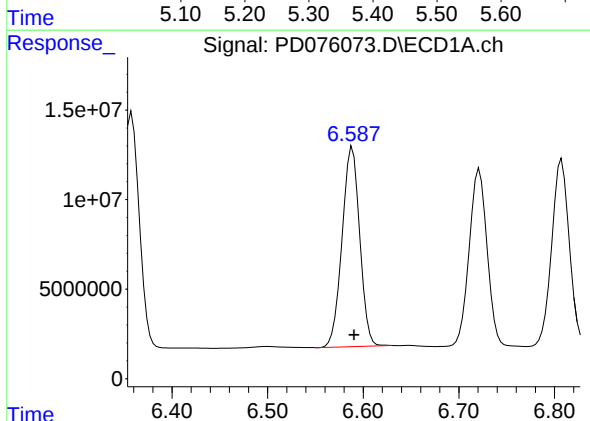
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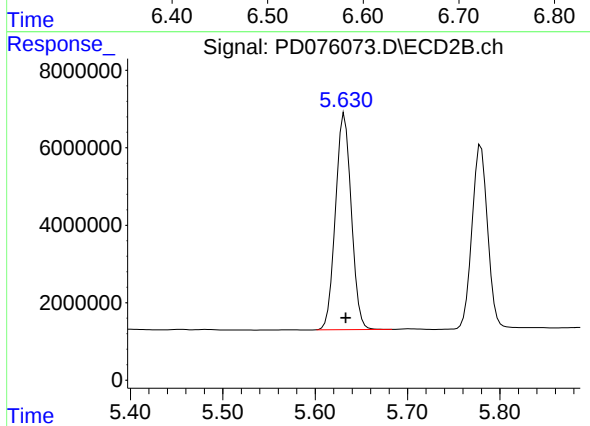
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 73648375
Conc: 54.59 ng/ml



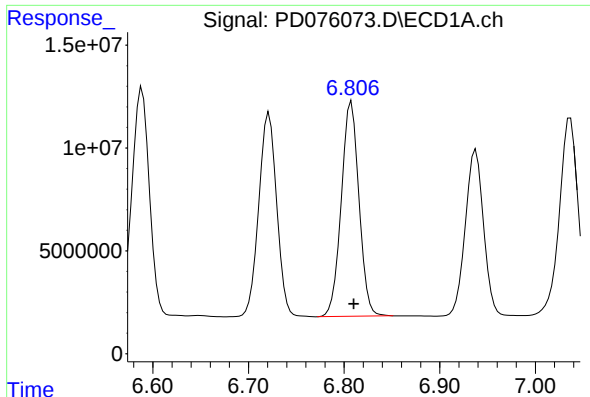
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 143410943
Conc: 53.62 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 66441258
Conc: 54.59 ng/ml



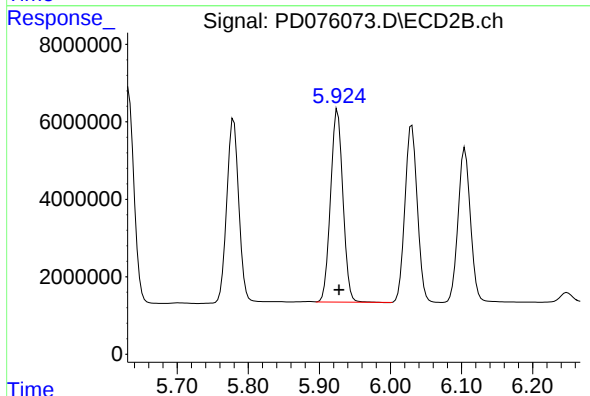
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 134587811
Conc: 52.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

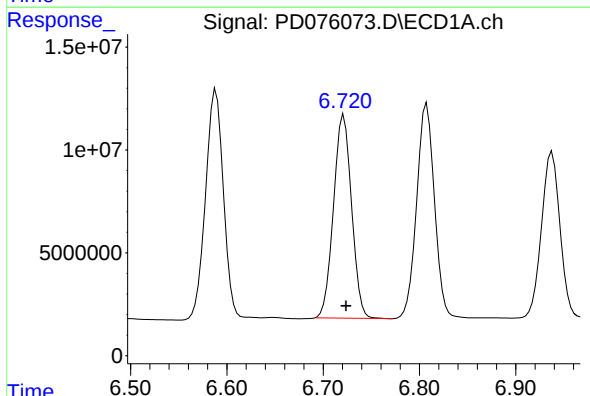
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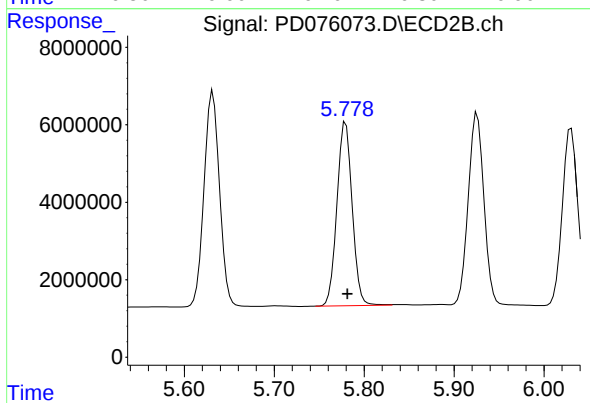
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 60098191
Conc: 55.71 ng/ml



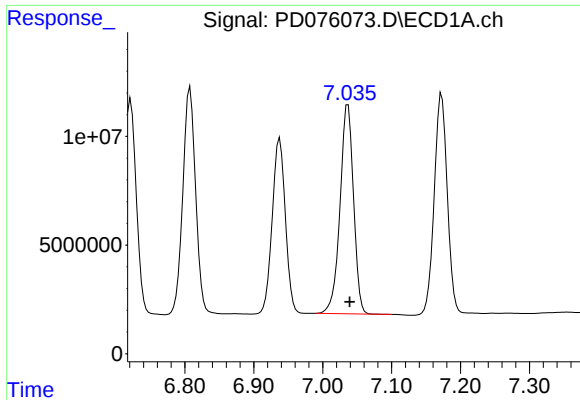
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 128734715
Conc: 56.57 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 55795056
Conc: 63.31 ng/ml



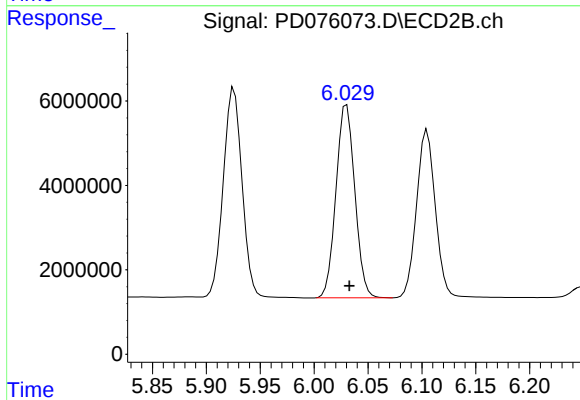
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.003 min
Response: 131132945
Conc: 57.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

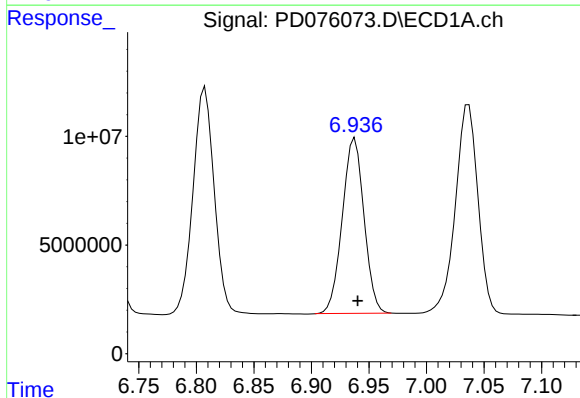
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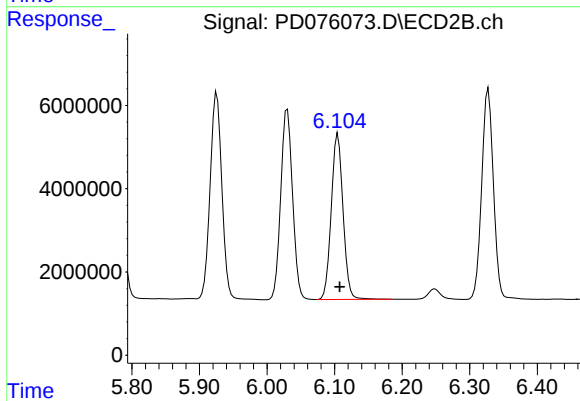
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 55539340
Conc: 68.37 ng/ml



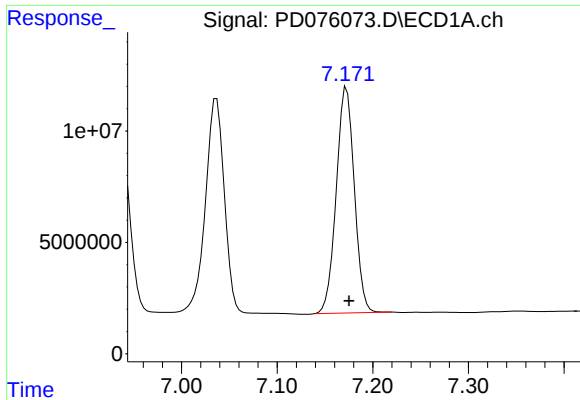
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 106197969
Conc: 52.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 48396210
Conc: 55.92 ng/ml



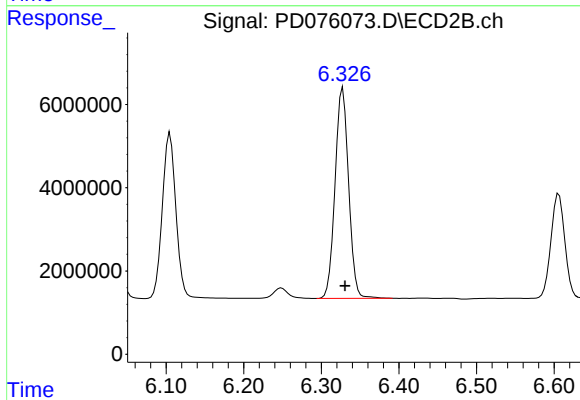
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 133304687
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

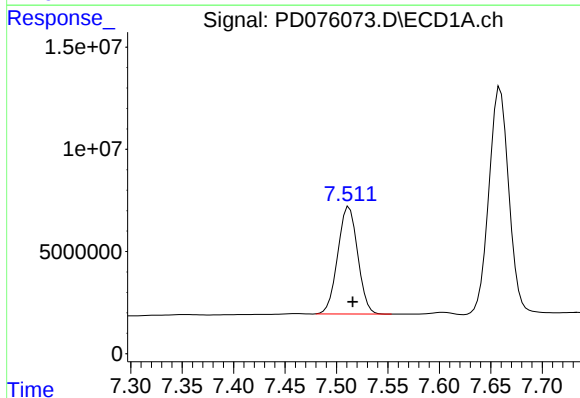
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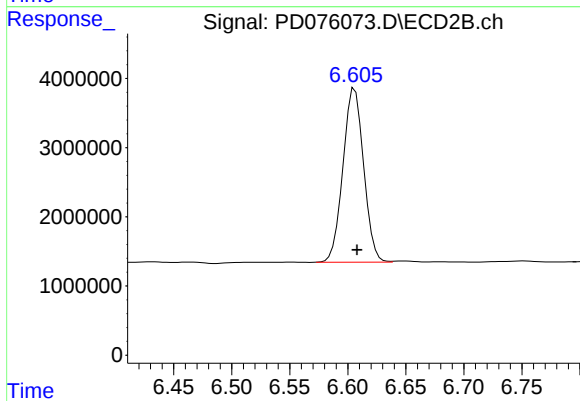
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 61391501
Conc: 56.81 ng/ml



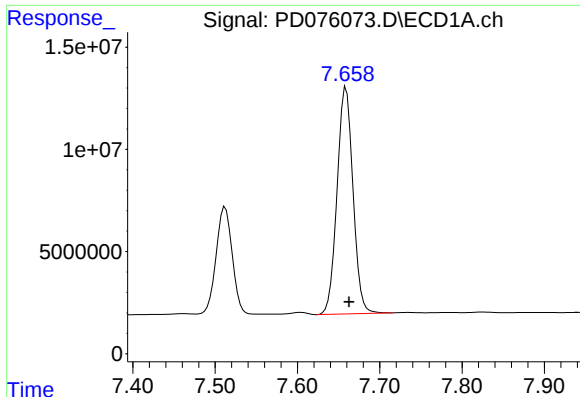
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.003 min
Response: 70858340
Conc: 54.74 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 31154026
Conc: 67.31 ng/ml



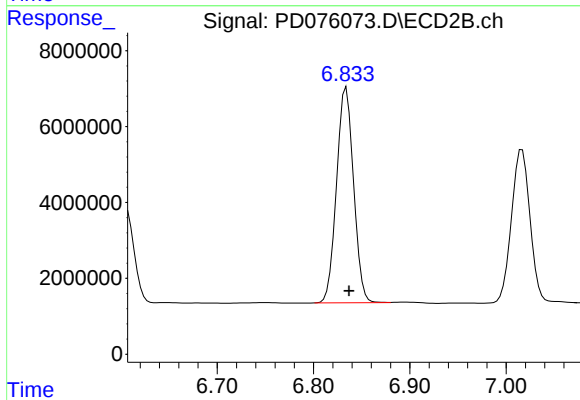
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 149095423
Conc: 53.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

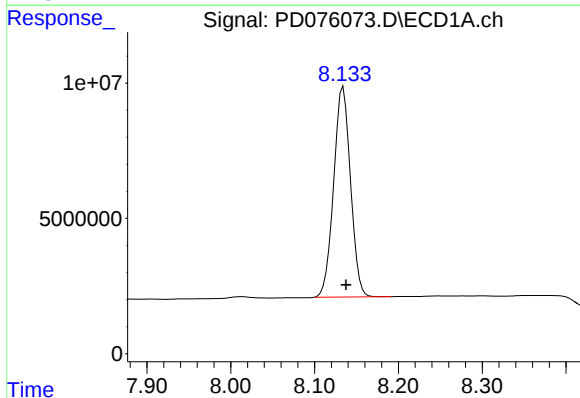
Manual Integrations
APPROVED

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



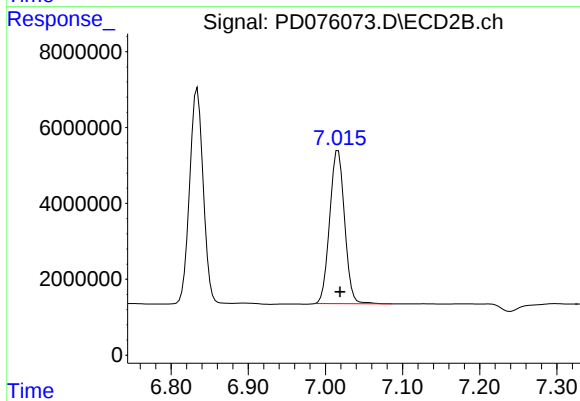
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 69674525
Conc: 57.35 ng/ml



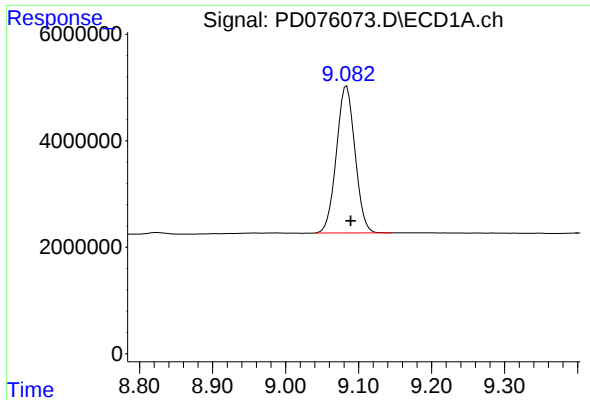
#22 Mirex

R.T.: 8.134 min
Delta R.T.: -0.004 min
Response: 108225360
Conc: 50.51 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.003 min
Response: 54332488
Conc: 51.83 ng/ml



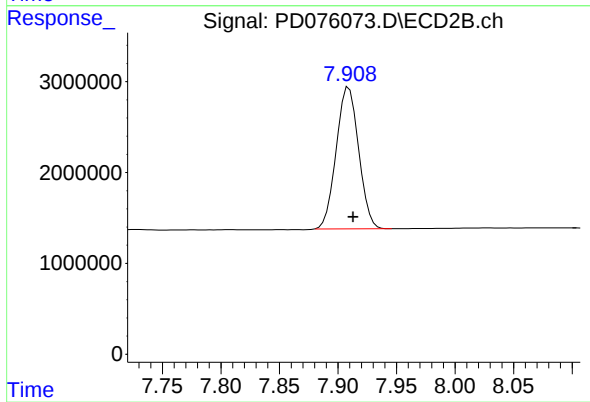
#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.005 min
Response: 48767426
Conc: 19.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(34-36)MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.003 min
Response: 20839551
Conc: 21.31 ng/ml