

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 20:27
 Operator : AR\AJ
 Sample : 03507-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CP-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/06/2023
 Supervised By : Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:34:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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	2.765	41003421	18781061	12.515	11.823
28)	SA Decachlor...	9.083	7.907	38241294	15985642	10.755	12.702
Target Compounds							
2)	A alpha-BHC	4.001	3.268	201.3E6	84276269	34.754	34.978
3)	MA gamma-BHC...	4.334	3.597	182.0E6	78842049	34.764	35.414
4)	MA Heptachlor	4.925	3.936	190.3E6	80274956	34.594	35.340
5)	MB Aldrin	5.268	4.216	183.5E6	76751216	34.329	34.630
6)	B beta-BHC	4.531	3.894	71853793	33342598	34.281	37.493
7)	B delta-BHC	4.779	4.123	176.9E6	76920849	34.426	36.583
8)	B Heptachlo...	5.695	4.719	161.8E6	69328375	33.589	34.677
9)	A Endosulfan I	6.082	5.089	150.5E6	67458763	33.733	36.023
10)	B gamma-Chl...	5.951	4.969	163.3E6	70852322	33.571	35.583
11)	B alpha-Chl...	6.031	5.033	160.5E6	69616327	33.404	35.033
12)	B 4,4'-DDE	6.203	5.222	133.0E6	61860919	31.328	40.246 #
13)	MA Dieldrin	6.357	5.353	157.8E6	70581127	33.736	35.834
14)	MA Endrin	6.588	5.629	135.2E6	65574122	33.959	37.151
15)	B Endosulfa...	6.808	5.922	126.7E6	54956152	34.110	35.417m
16)	A 4,4'-DDD	6.722	5.777	130.9E6	51767738	38.962	42.833
17)	MA 4,4'-DDT	7.036	6.028	137.5E6	55309686	39.116	45.700
18)	B Endrin al...	6.936	6.103	98356703	45617992	35.885m	39.917
19)	B Endosulfa...	7.173	6.325	122.0E6	54987084	33.008	36.189
20)	A Methoxychlor	7.512	6.603	64804292	26941484	33.906	42.188
21)	B Endrin ke...	7.659	6.832	139.4E6	59999184	33.390	34.327
22)	Mirex	8.133	7.014	95637968	46715492	30.267m	31.516

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
Data File : PD076355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jul 2023 20:27
Operator : AR\AJ
Sample : 03507-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

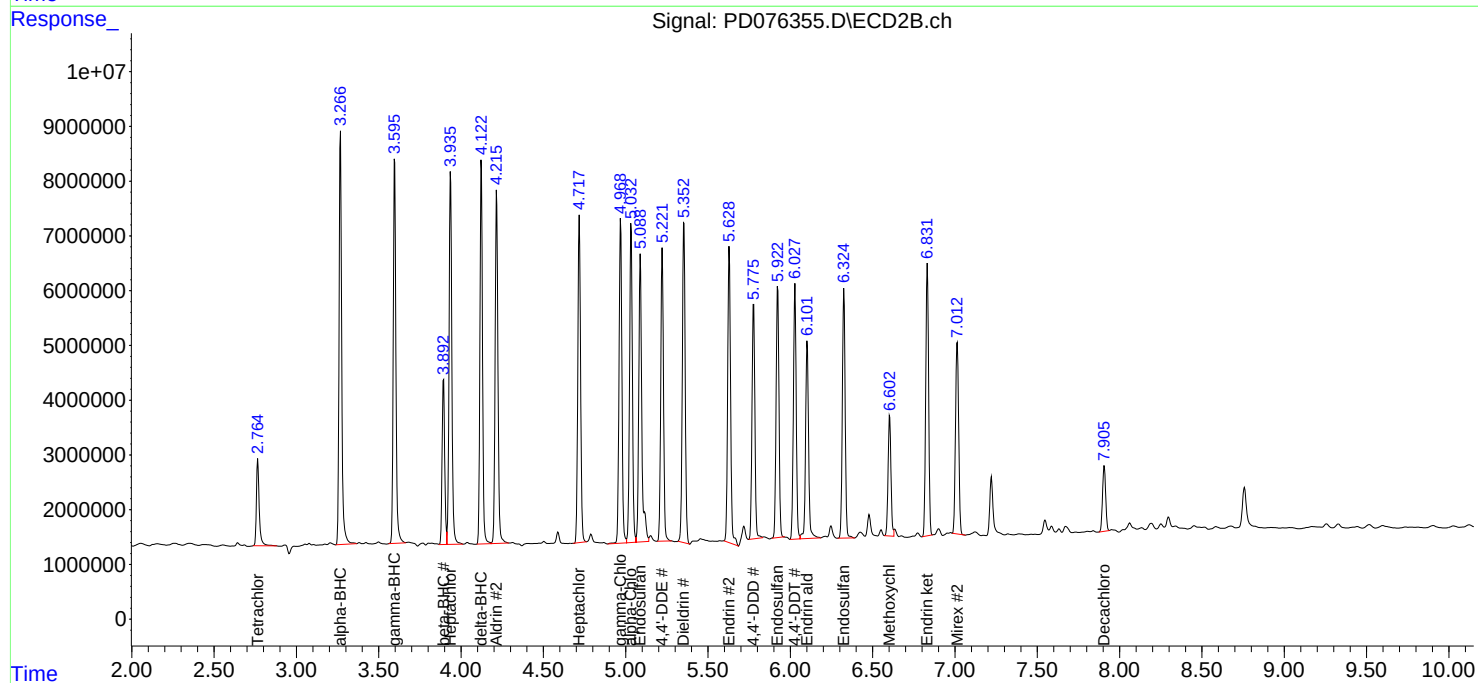
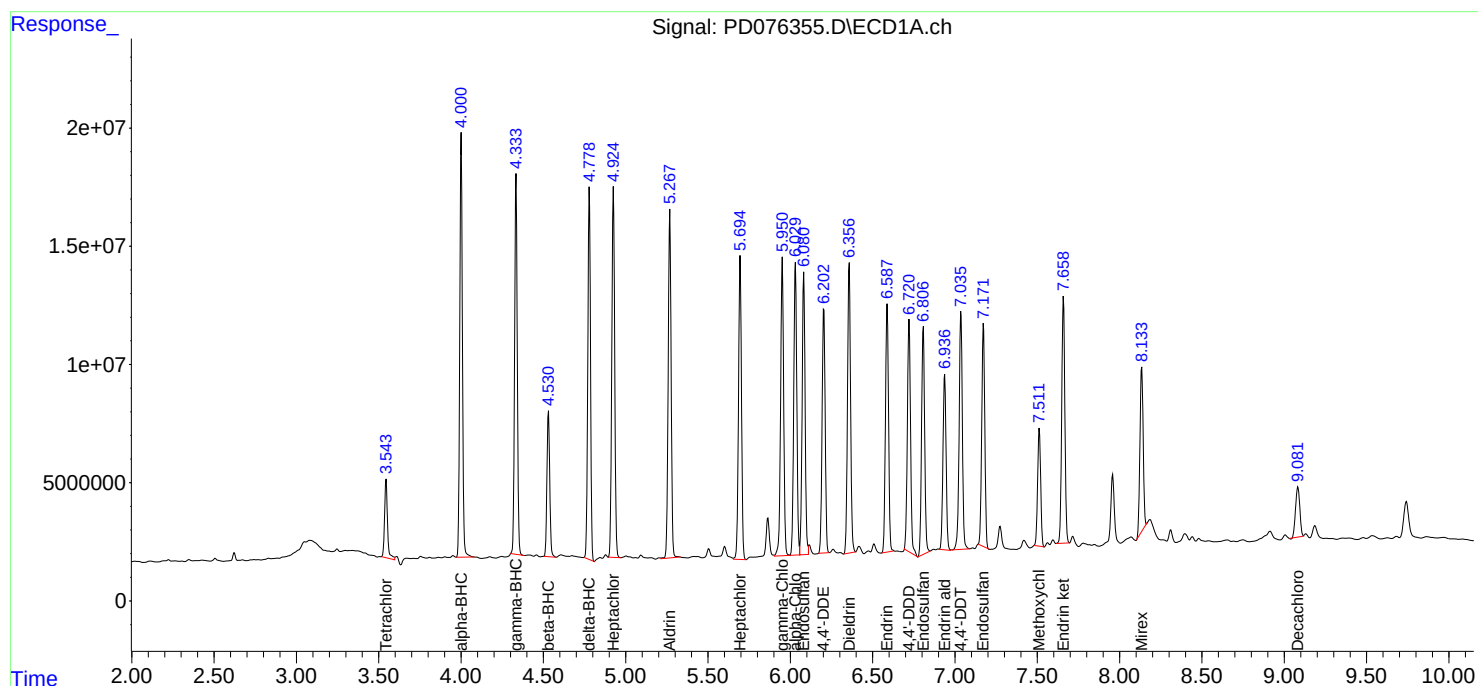
Instrument :
ECD_D
ClientSampleId :
CP-2MSD

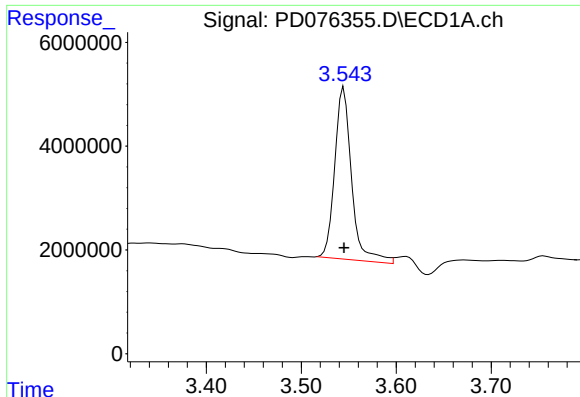
Manual Integrations
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Reviewed By :Abdul Mirza 07/06/2023
Supervised By :Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 05 22:34:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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





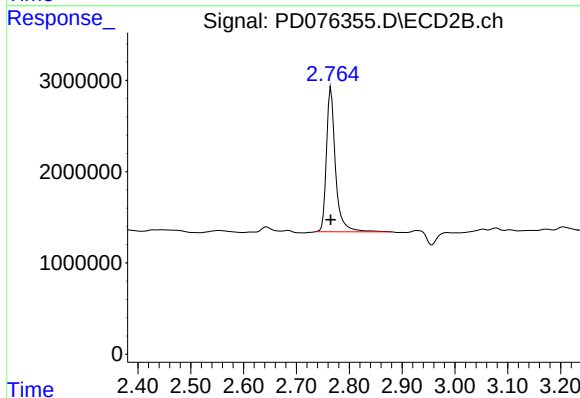
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 41003421
Conc: 12.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

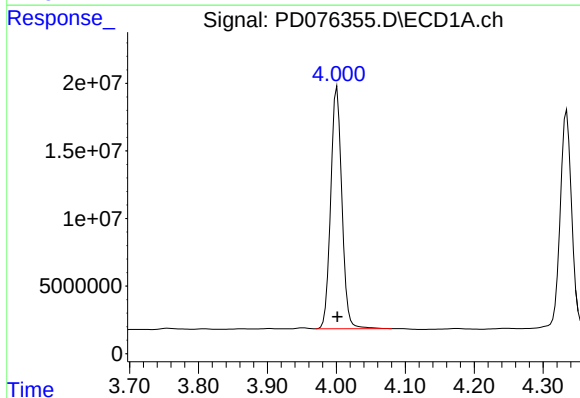
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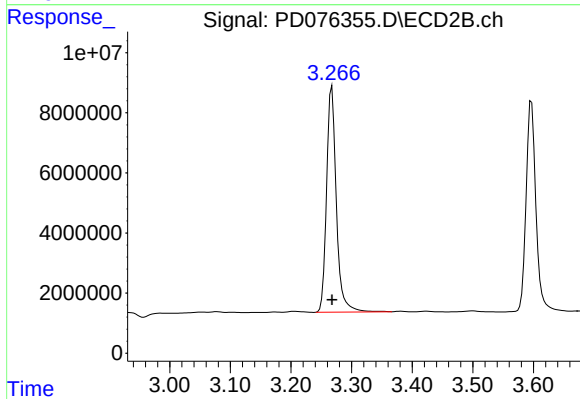
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 18781061
Conc: 11.82 ng/ml



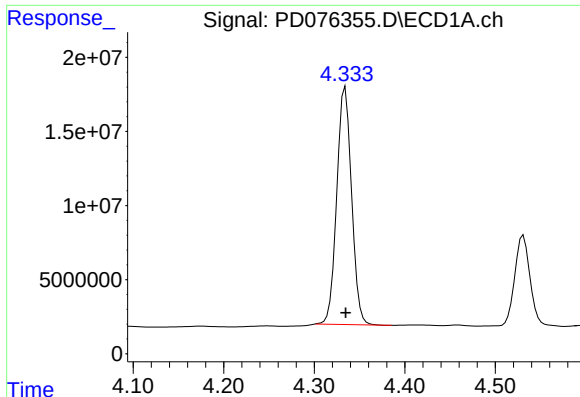
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 201293800
Conc: 34.75 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 84276269
Conc: 34.98 ng/ml



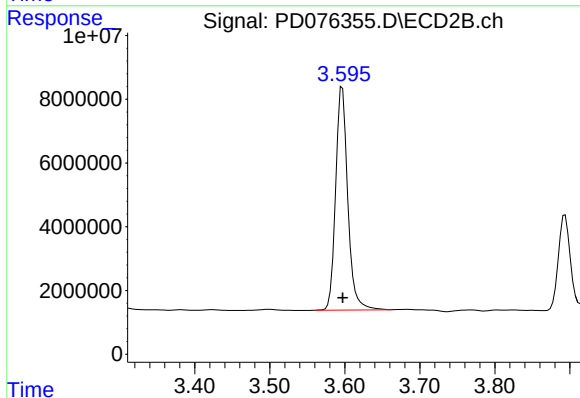
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 182004829
Conc: 34.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

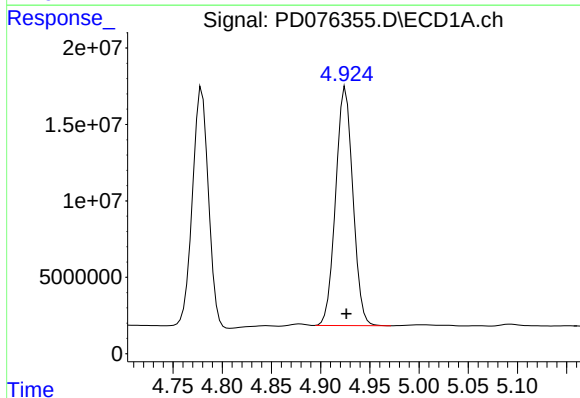
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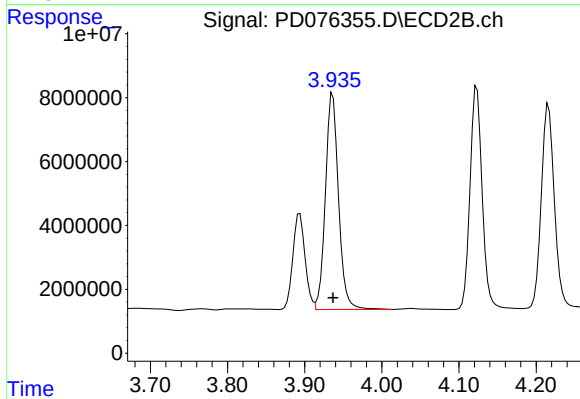
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 78842049
Conc: 35.41 ng/ml



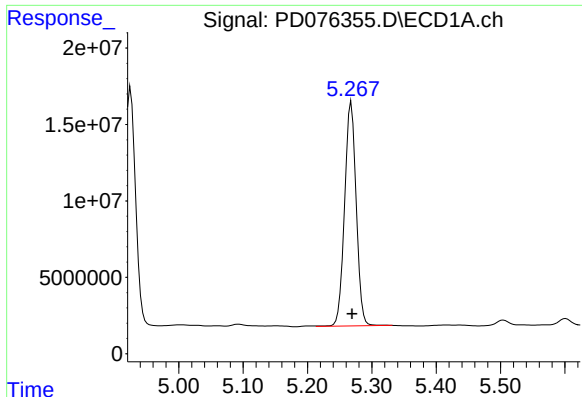
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 190271774
Conc: 34.59 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 80274956
Conc: 35.34 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: -0.001 min
Response: 183536098
Conc: 34.33 ng/ml

Instrument :

ECD_D

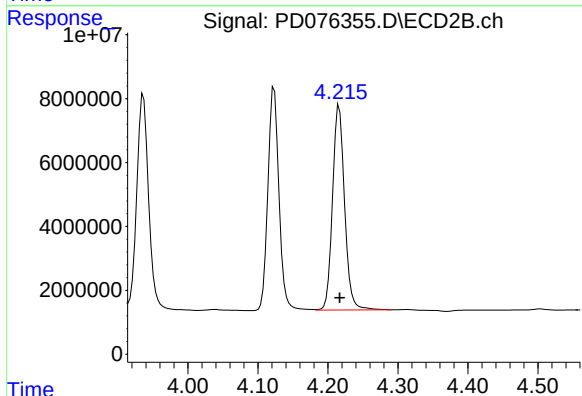
ClientSampleId :

CP-2MSD

Manual Integrations

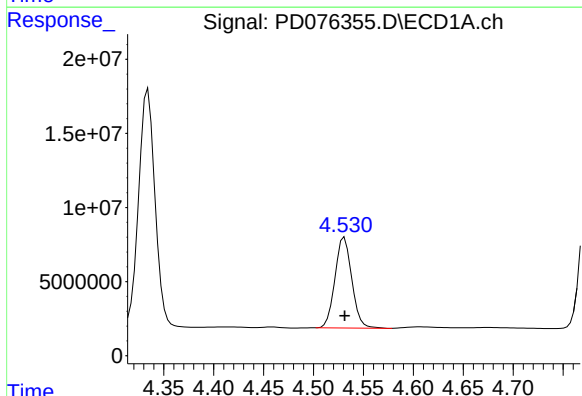
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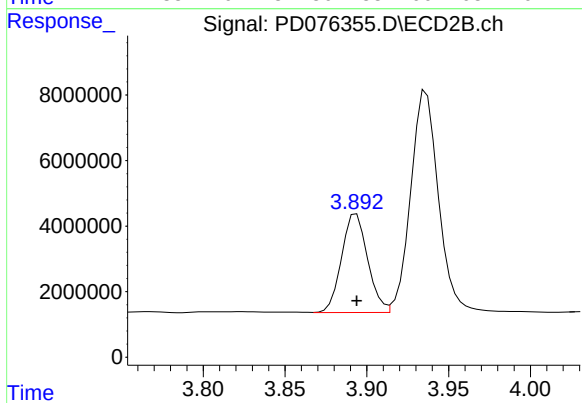
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 76751216
Conc: 34.63 ng/ml



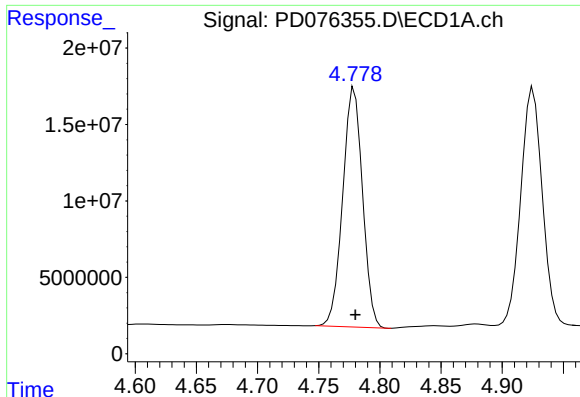
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 71853793
Conc: 34.28 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 33342598
Conc: 37.49 ng/ml



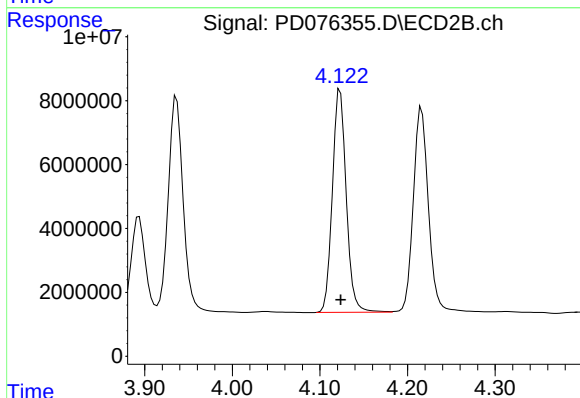
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 176943363
Conc: 34.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

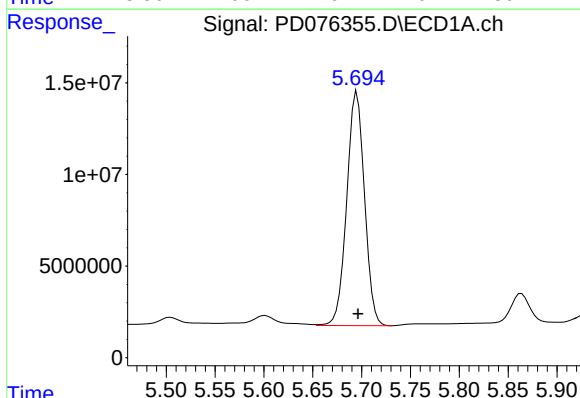
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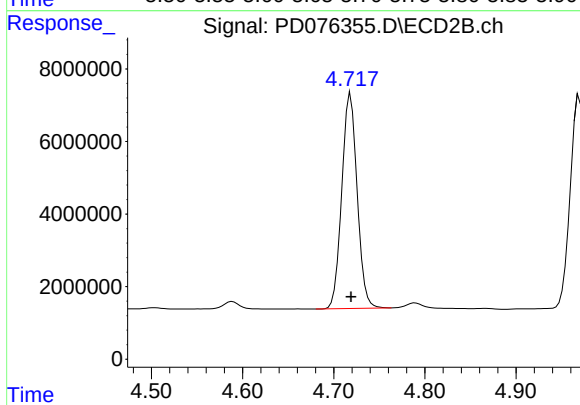
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 76920849
Conc: 36.58 ng/ml



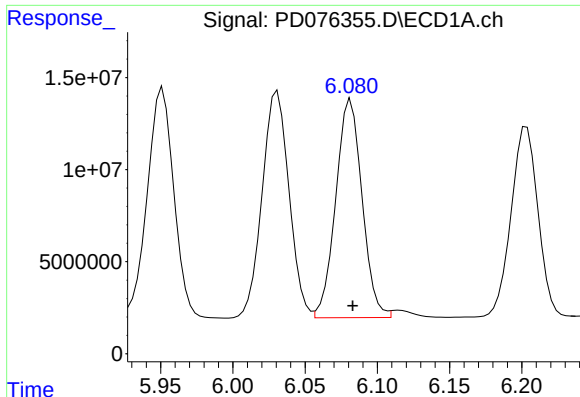
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 161842435
Conc: 33.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 69328375
Conc: 34.68 ng/ml



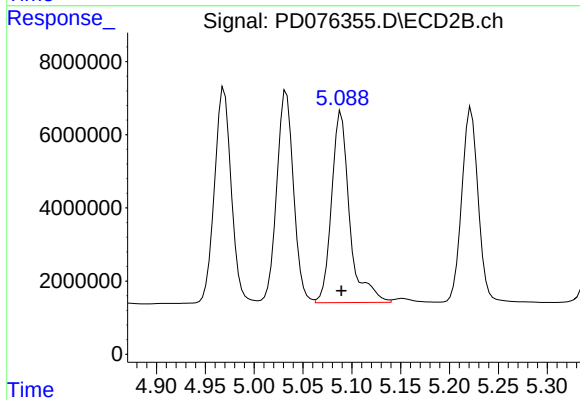
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 150483704
Conc: 33.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

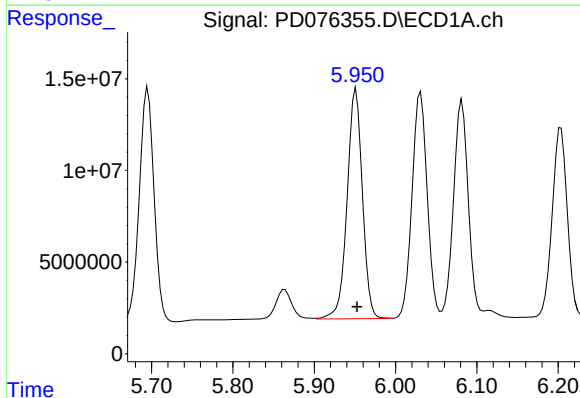
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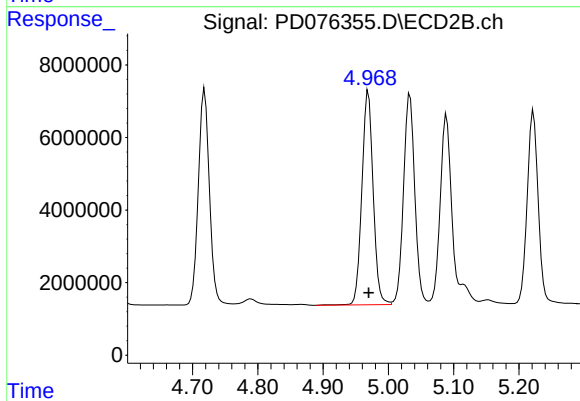
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 67458763
Conc: 36.02 ng/ml



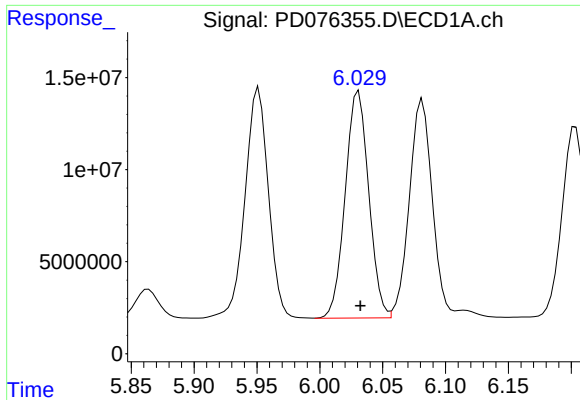
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 163260077
Conc: 33.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 70852322
Conc: 35.58 ng/ml



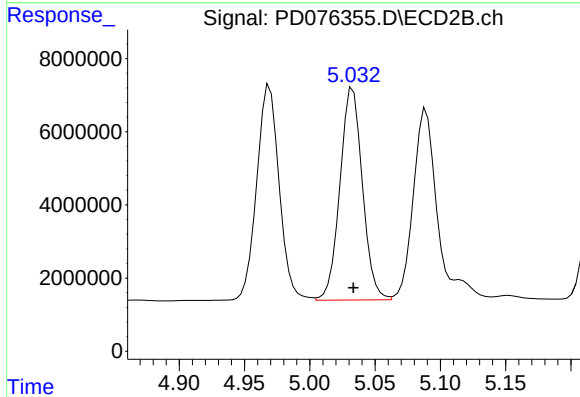
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 160482621
Conc: 33.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

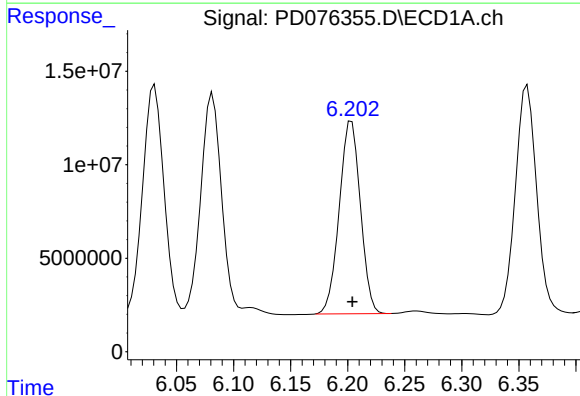
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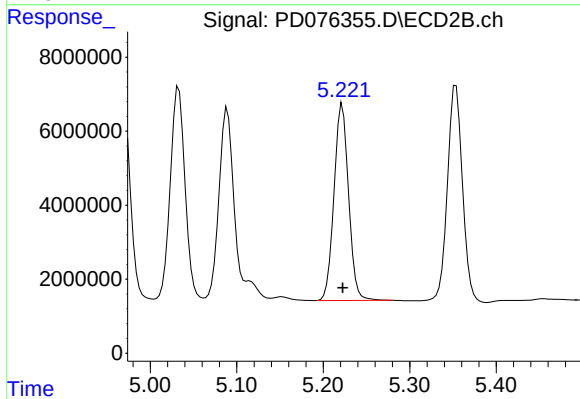
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 69616327
Conc: 35.03 ng/ml



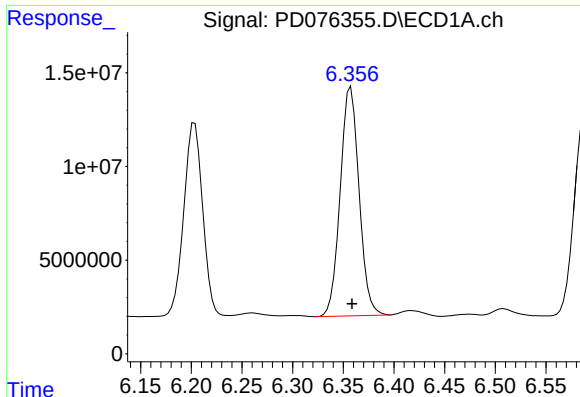
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 132982821
Conc: 31.33 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 61860919
Conc: 40.25 ng/ml



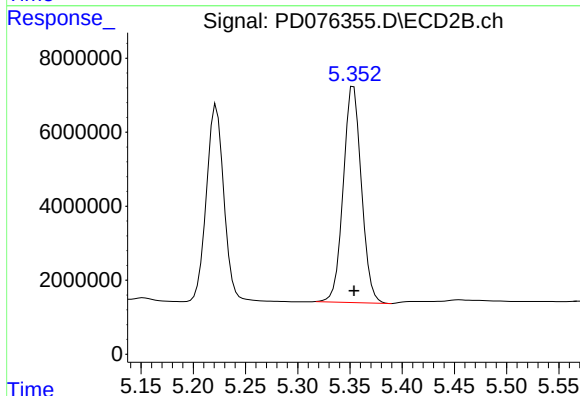
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 157820197
Conc: 33.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

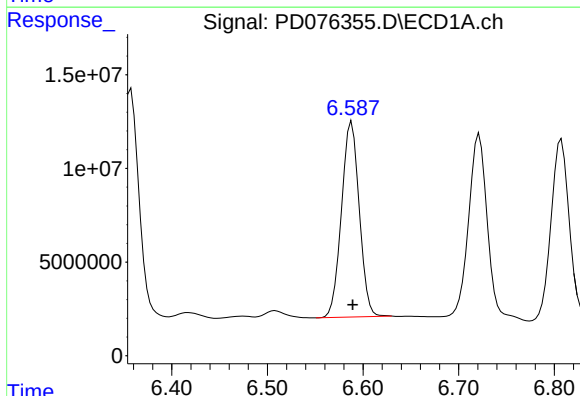
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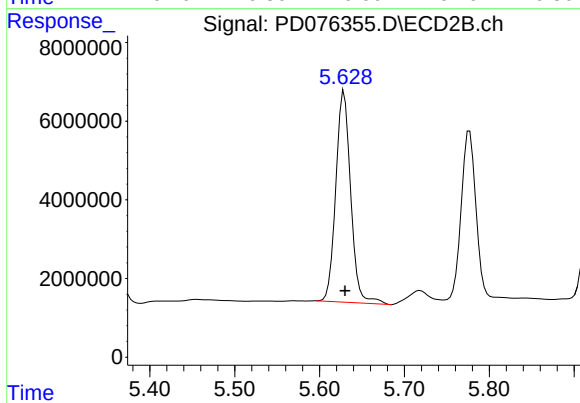
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 70581127
Conc: 35.83 ng/ml



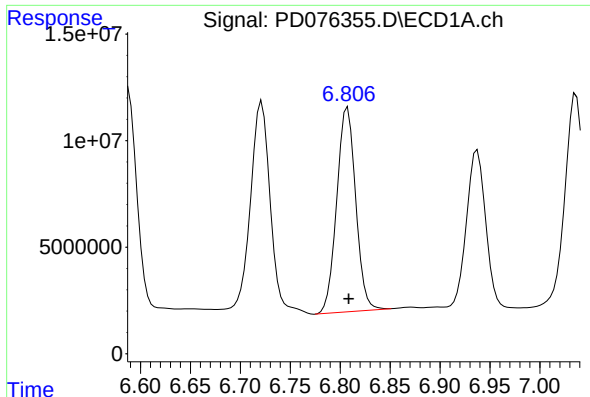
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 135204305
Conc: 33.96 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 65574122
Conc: 37.15 ng/ml



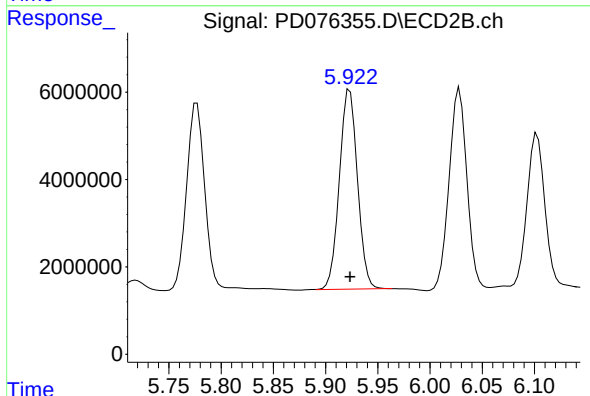
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.001 min
Response: 126671760
Conc: 34.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

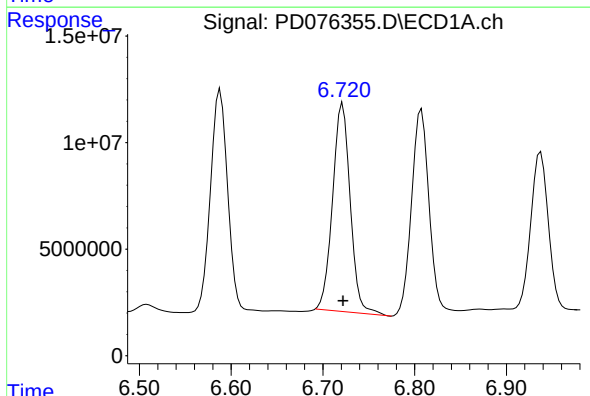
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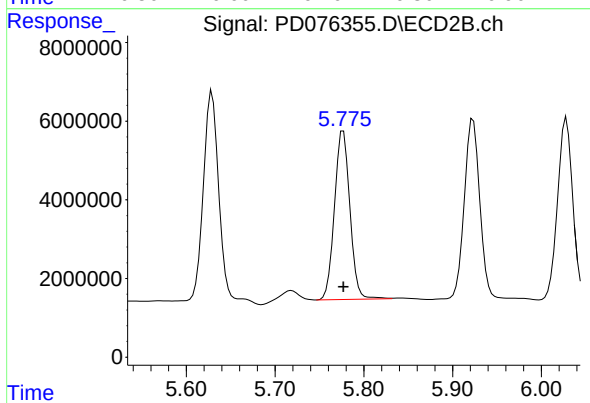
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 54956152
Conc: 35.42 ng/ml m



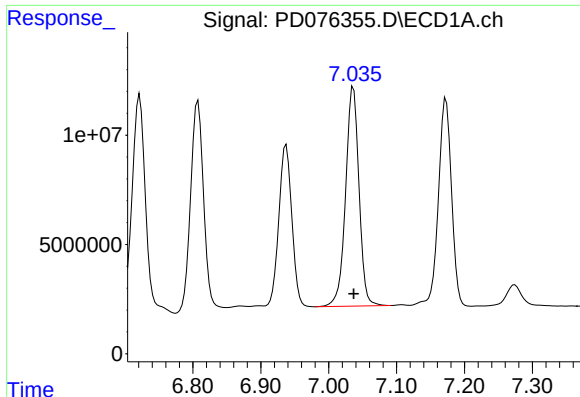
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 130896102
Conc: 38.96 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 51767738
Conc: 42.83 ng/ml



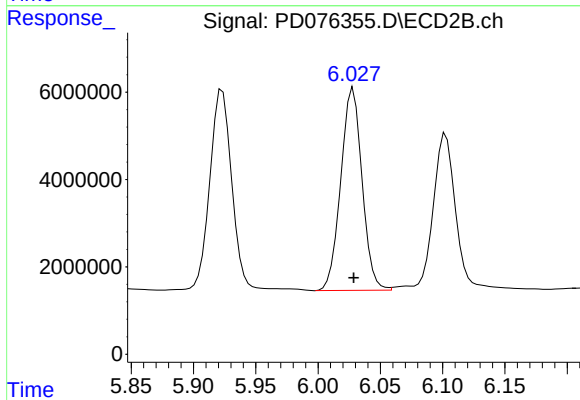
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 137533518
Conc: 39.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

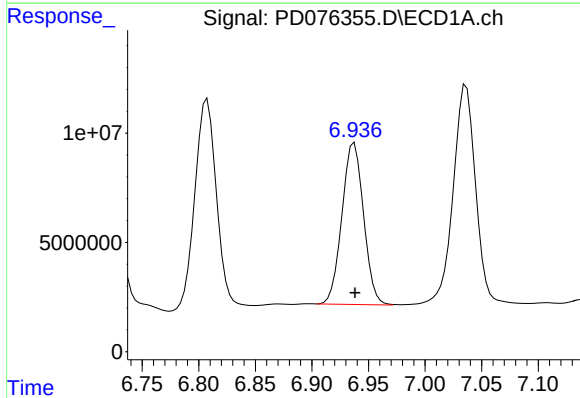
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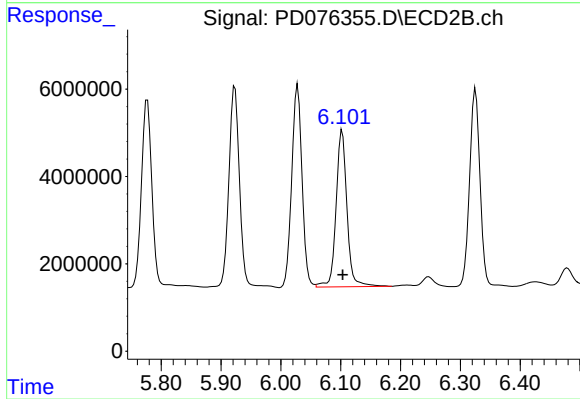
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 55309686
Conc: 45.70 ng/ml



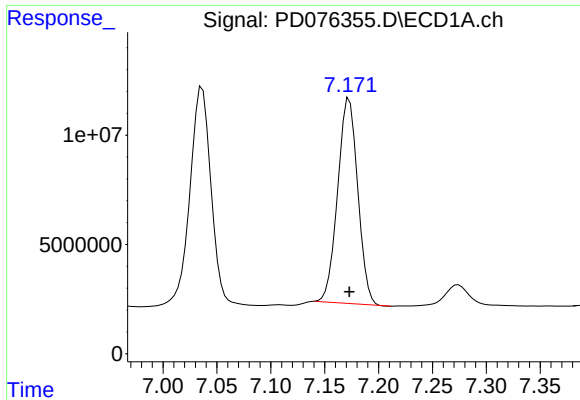
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 98356703
Conc: 35.88 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 45617992
Conc: 39.92 ng/ml



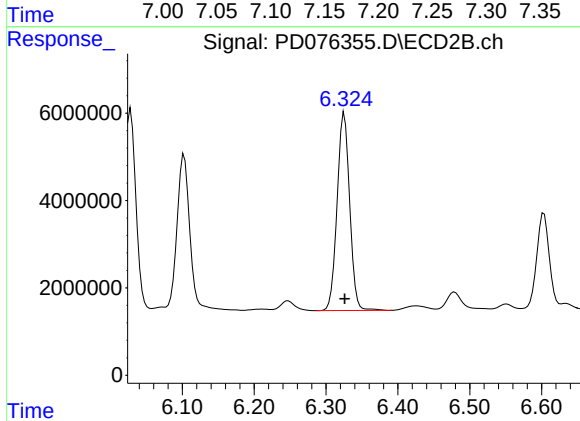
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 121960297
Conc: 33.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

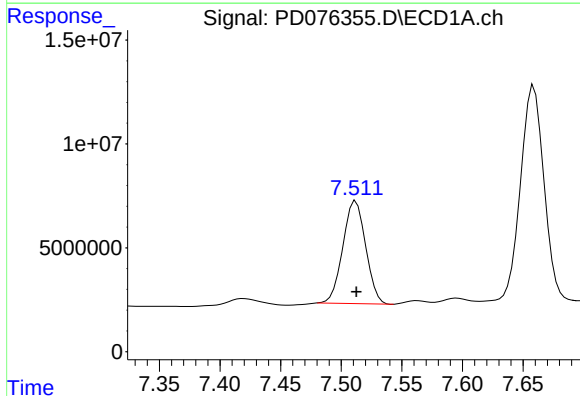
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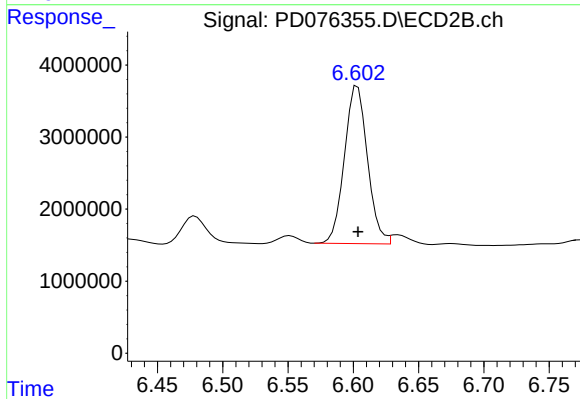
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 54987084
Conc: 36.19 ng/ml



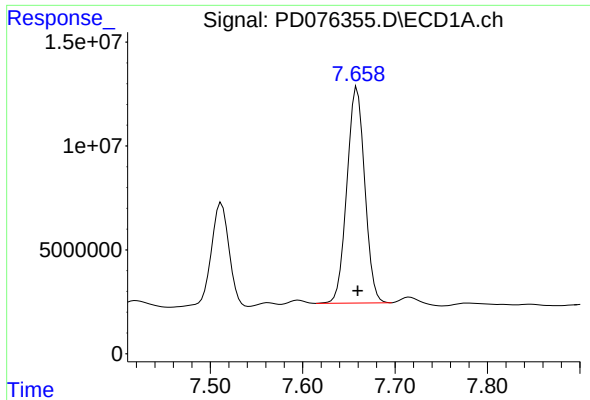
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 64804292
Conc: 33.91 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 26941484
Conc: 42.19 ng/ml



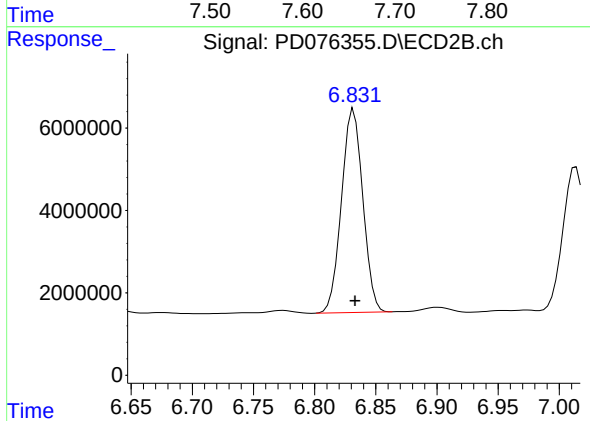
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 139395172
Conc: 33.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

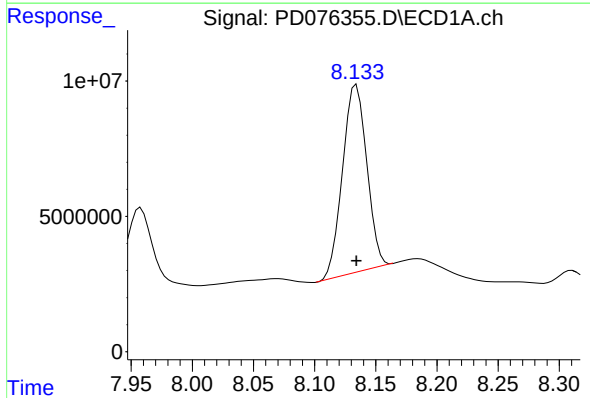
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Reviewed By :Abdul Mirza 07/06/2023
Supervised By :Ankita Jodhani 07/06/2023



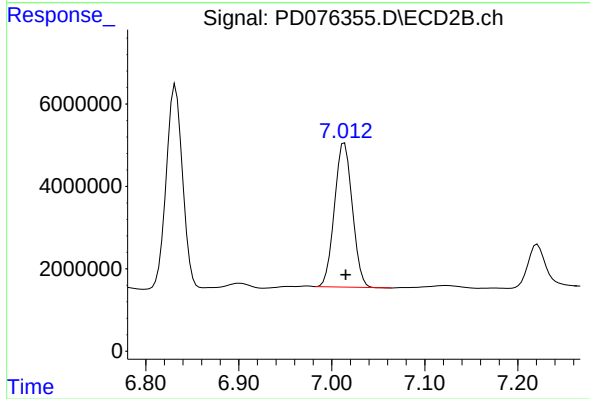
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 59999184
Conc: 34.33 ng/ml



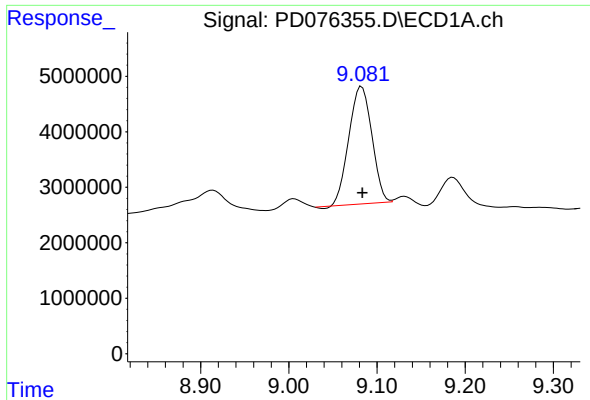
#22 Mirex

R.T.: 8.133 min
Delta R.T.: -0.001 min
Response: 95637968
Conc: 30.27 ng/ml m



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 46715492
Conc: 31.52 ng/ml



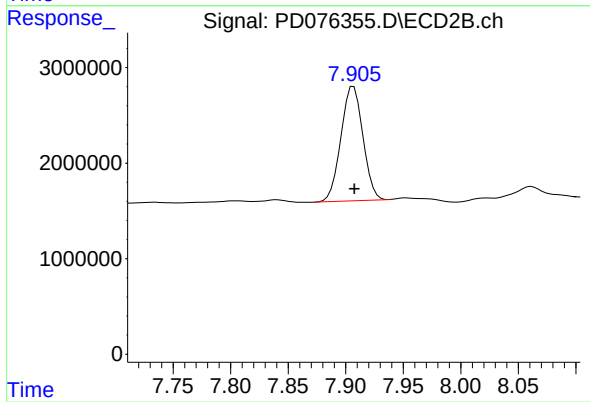
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 38241294
Conc: 10.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/06/2023
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 15985642
Conc: 12.70 ng/ml