

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 13:16
 Operator : AR\AJ
 Sample : 03235-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 A-MANHOLES

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 21:47:53 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	54511992	24578006	25.591	22.654
28)	SA Decachlor...	9.091	7.914	53096696	21650504	20.959	22.142
Target Compounds							
2)	A alpha-BHC	4.003	3.270	198.9E6	82133394	53.863	51.341
3)	MA gamma-BHC...	4.337	3.600	181.5E6	76810121	53.946	52.130
4)	MA Heptachlor	4.928	3.940	192.0E6	78983842	53.542	52.002
5)	MB Aldrin	5.271	4.220	187.0E6	78428011	53.352	52.594
6)	B beta-BHC	4.533	3.897	76323527	33224515	53.086	52.124
7)	B delta-BHC	4.781	4.127	128.7E6	54442632	38.730	37.573
8)	B Heptachlo...	5.699	4.723	166.9E6	70185875	51.804	51.095
9)	A Endosulfan I	6.086	5.094	155.5E6	65634518	51.855	51.349
10)	B gamma-Chl...	5.956	4.974	169.0E6	70979321	52.465	51.730
11)	B alpha-Chl...	6.035	5.038	167.2E6	70305151	51.709	51.251
12)	B 4,4'-DDE	6.207	5.227	155.3E6	64147326	54.334	57.471
13)	MA Dieldrin	6.361	5.359	162.8E6	69675629	52.107	51.643
14)	MA Endrin	6.592	5.635	139.1E6	63154905	52.004	51.894
15)	B Endosulfa...	6.811	5.929	130.4E6	56840175	50.482	52.686
16)	A 4,4'-DDD	6.725	5.782	124.7E6	52316384	54.812	59.365
17)	MA 4,4'-DDT	7.041	6.034	122.6E6	49556694	54.005	61.008
18)	B Endrin al...	6.940	6.108	103.6E6	45626034	51.639m	52.717
19)	B Endosulfa...	7.177	6.331	123.9E6	54975537	49.162	50.875
20)	A Methoxychlor	7.517	6.610	66570493	27977937	51.430	60.448
21)	B Endrin ke...	7.664	6.838	145.7E6	65287095	52.298	53.736
22)	Mirex	8.139	7.021	106.4E6	51895064	49.663	49.508

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 13:16
Operator : AR\AJ
Sample : 03235-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

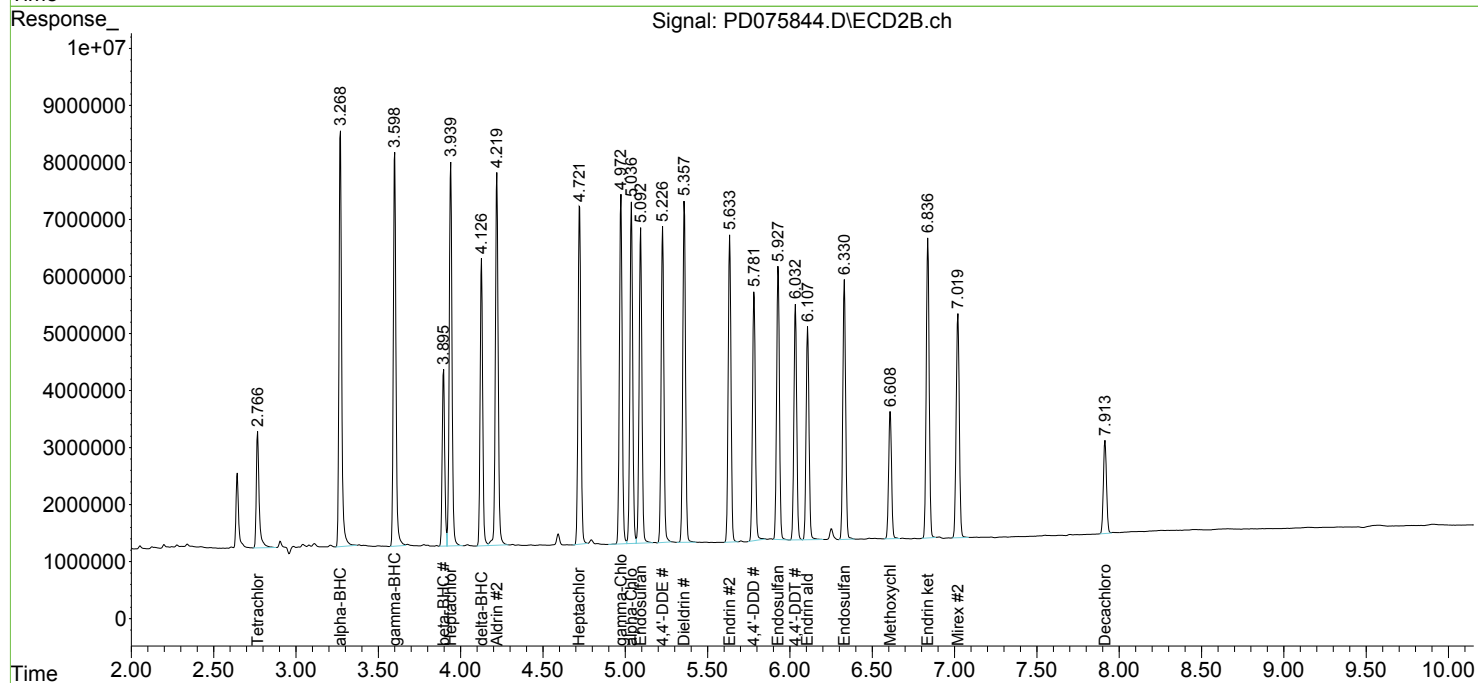
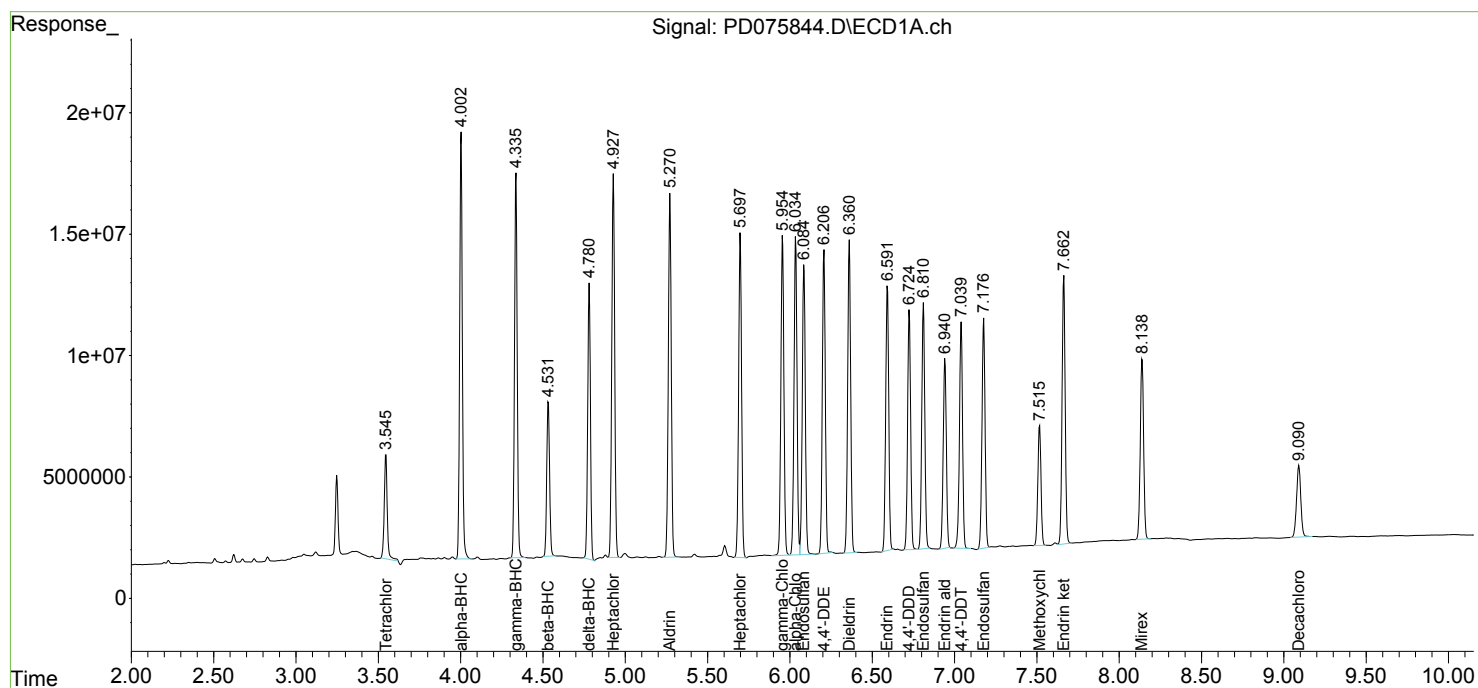
Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

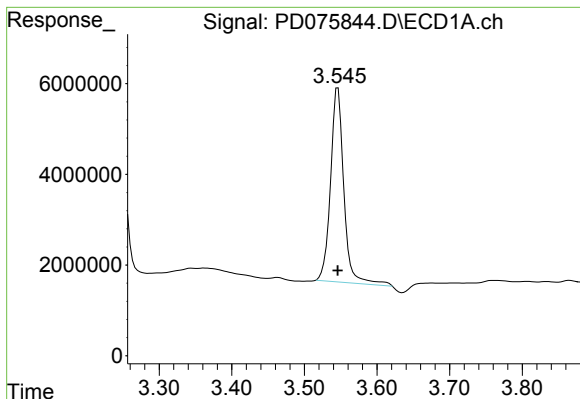
Manual Integrations
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Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 21:47:53 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





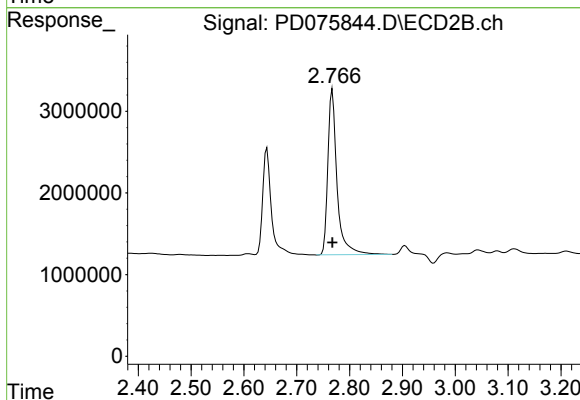
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 54511992
Conc: 25.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

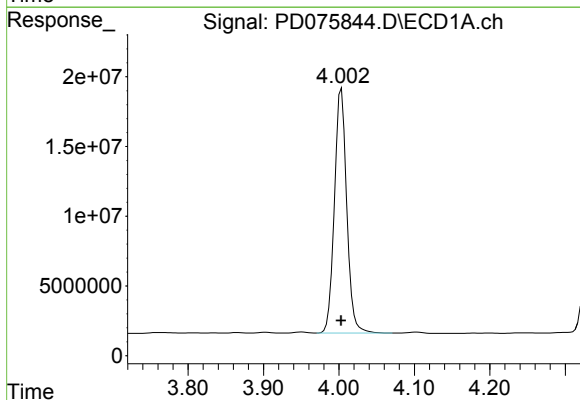
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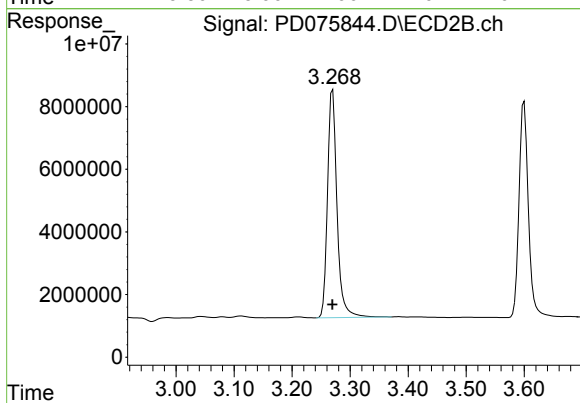
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 24578006
Conc: 22.65 ng/ml



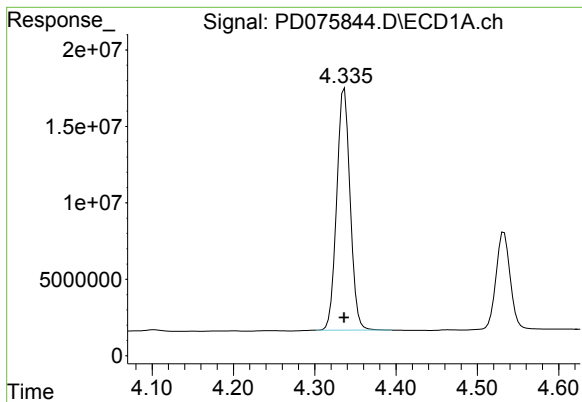
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 198865911
Conc: 53.86 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 82133394
Conc: 51.34 ng/ml



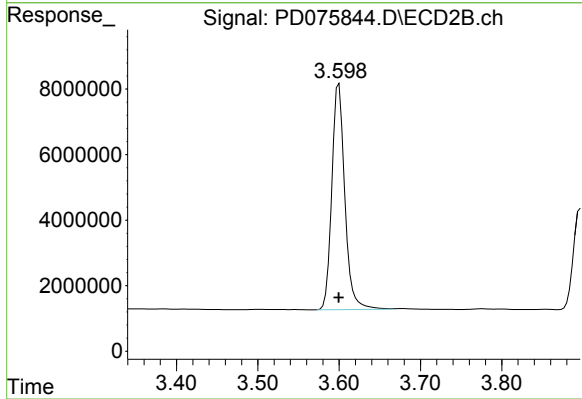
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 181522367
Conc: 53.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

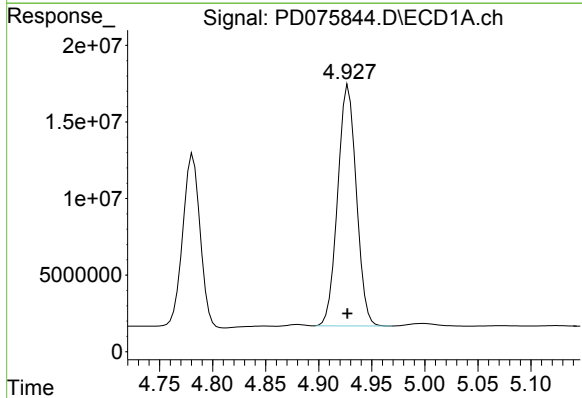
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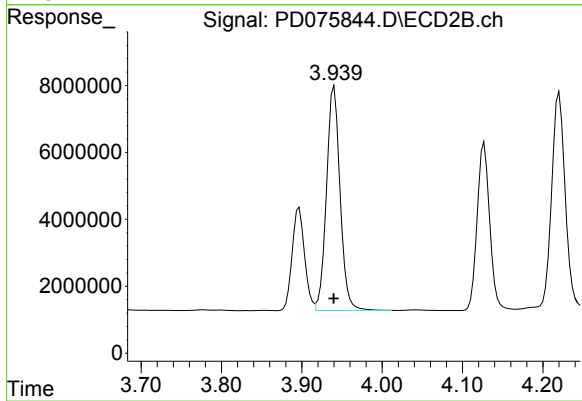
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 76810121
Conc: 52.13 ng/ml



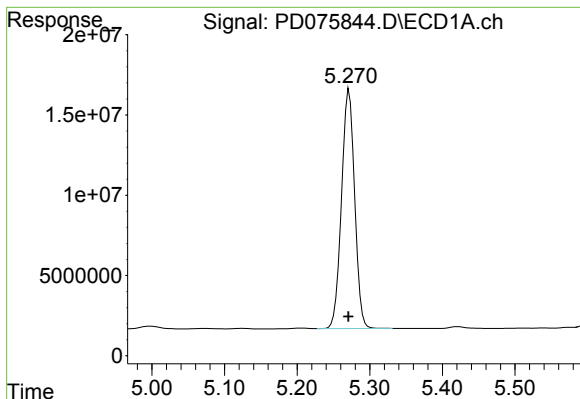
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 192033923
Conc: 53.54 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 78983842
Conc: 52.00 ng/ml



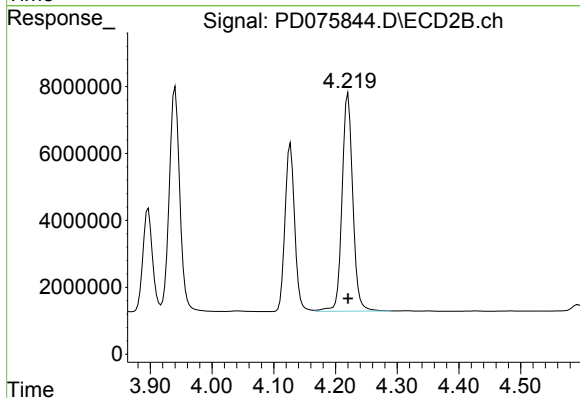
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 186958401
Conc: 53.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

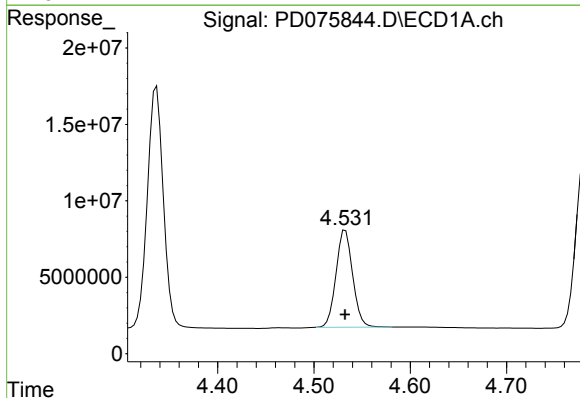
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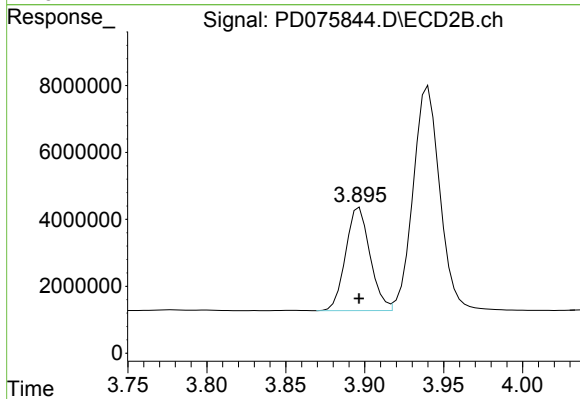
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 78428011
Conc: 52.59 ng/ml



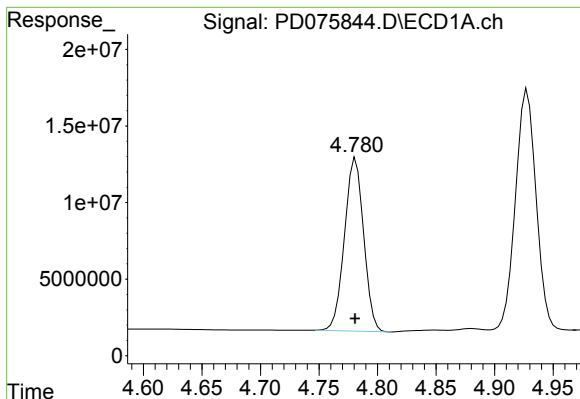
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 76323527
Conc: 53.09 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 33224515
Conc: 52.12 ng/ml



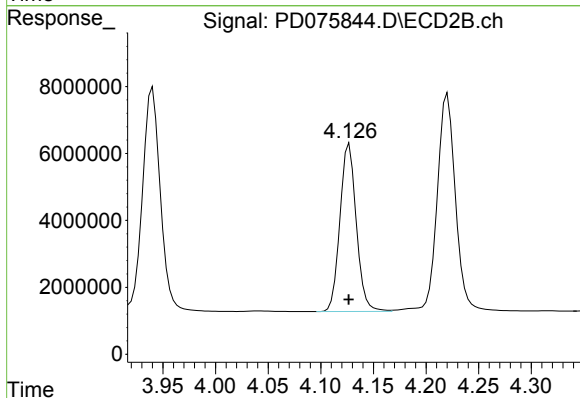
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 128725077
Conc: 38.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

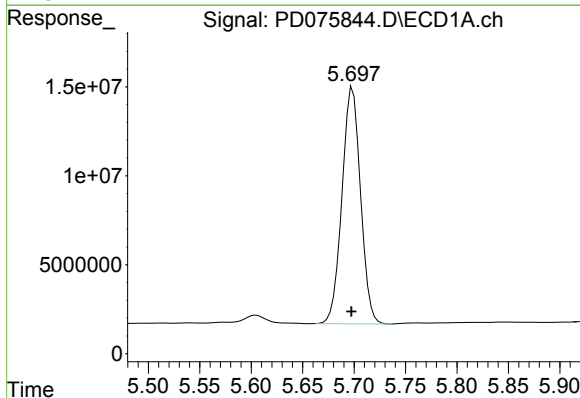
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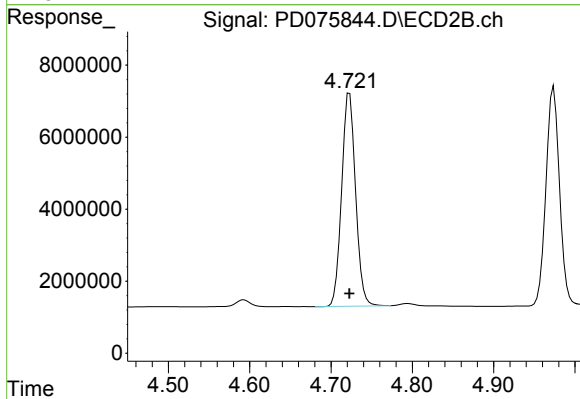
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 54442632
Conc: 37.57 ng/ml



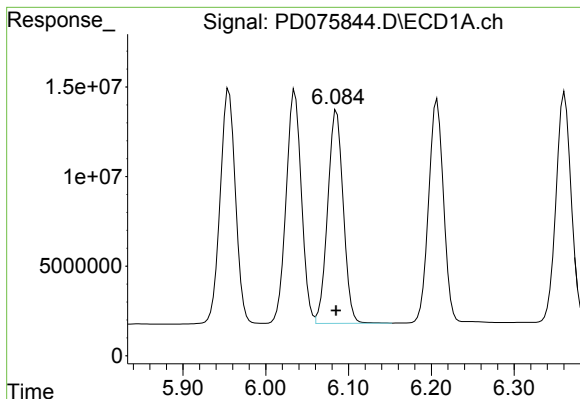
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.001 min
Response: 166927614
Conc: 51.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 70185875
Conc: 51.09 ng/ml



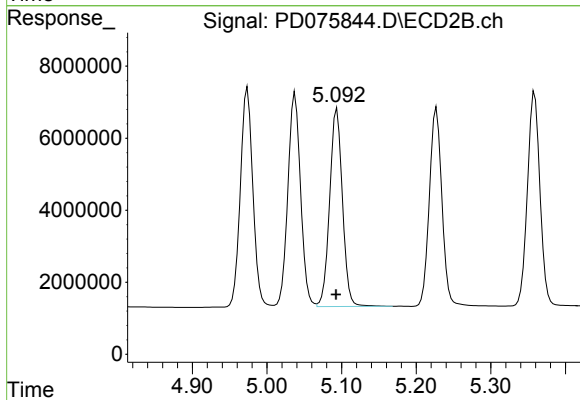
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 155539822
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

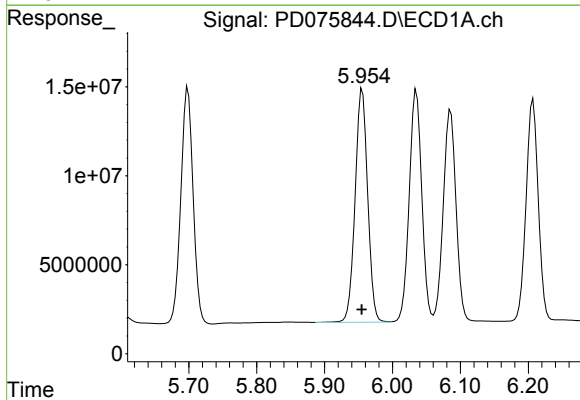
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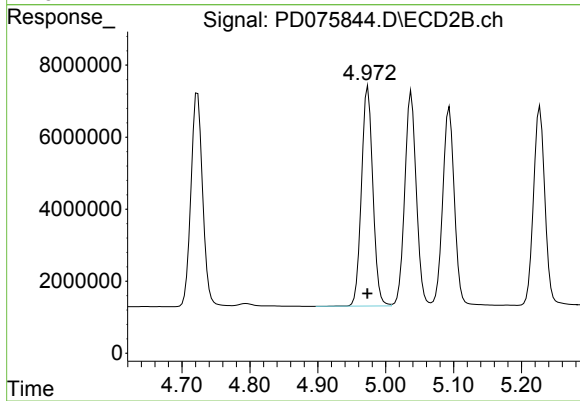
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.001 min
Response: 65634518
Conc: 51.35 ng/ml



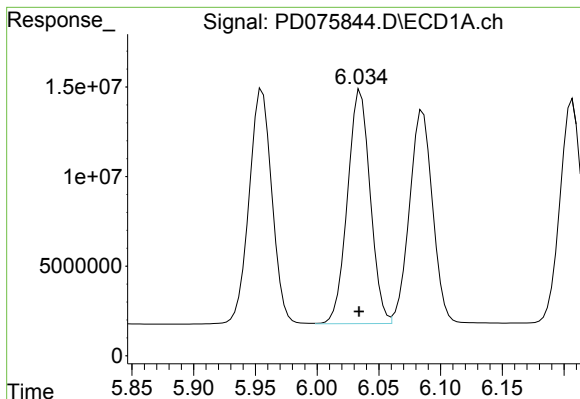
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 169005804
Conc: 52.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 70979321
Conc: 51.73 ng/ml



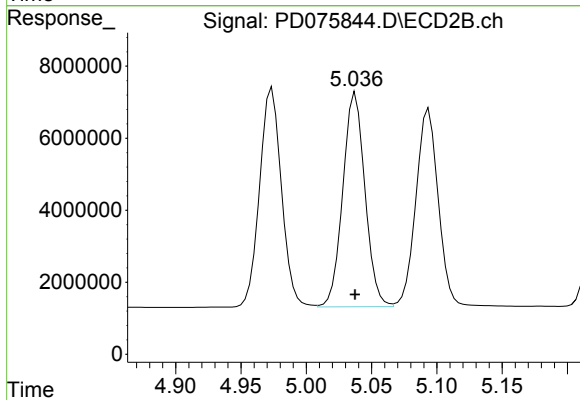
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 167169848
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

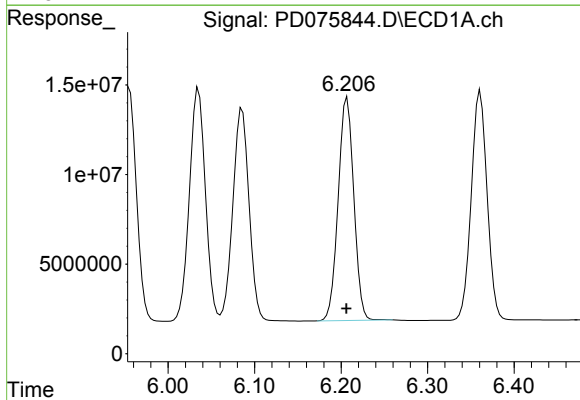
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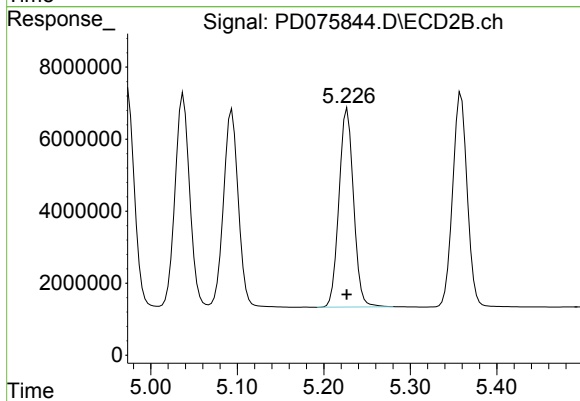
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 70305151
Conc: 51.25 ng/ml



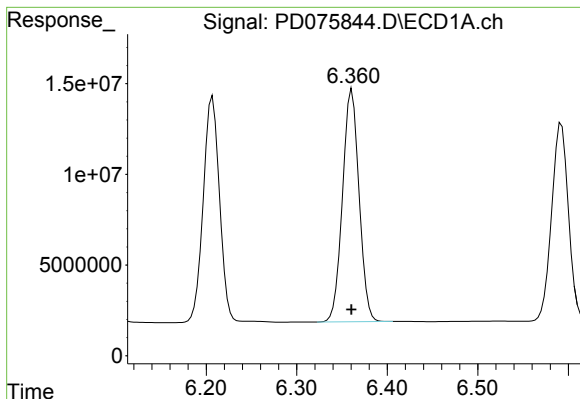
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 155294240
Conc: 54.33 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 64147326
Conc: 57.47 ng/ml



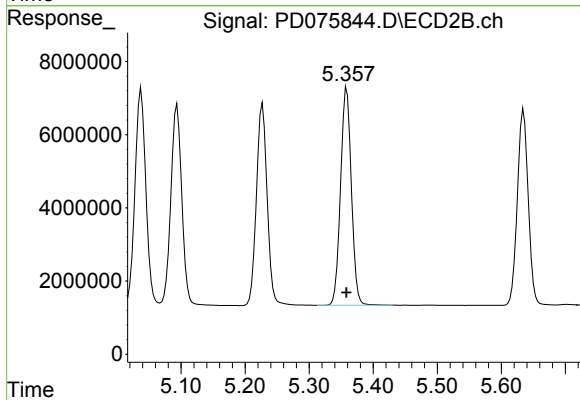
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 162832180
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

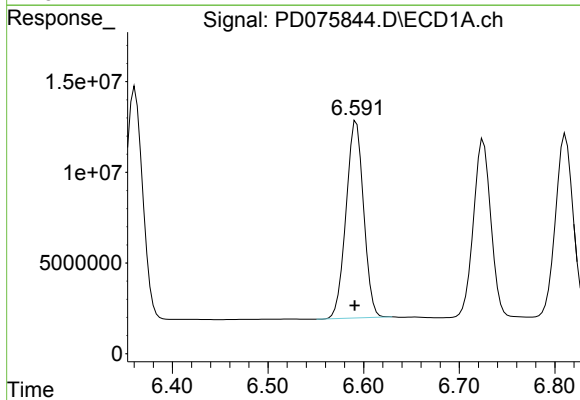
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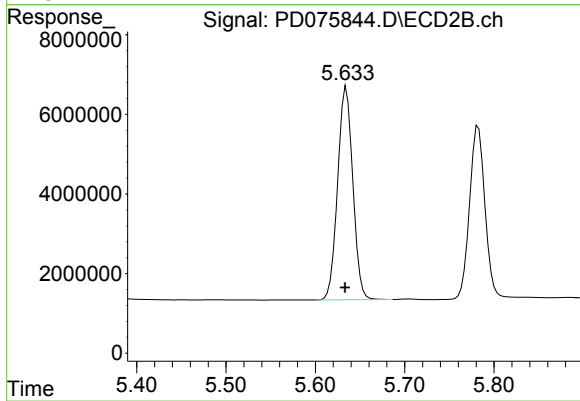
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 69675629
Conc: 51.64 ng/ml



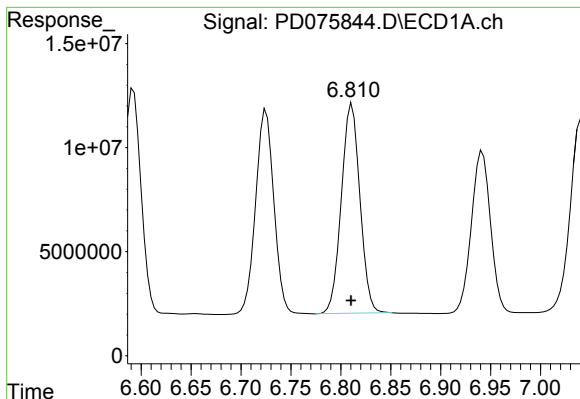
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 139076780
Conc: 52.00 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.001 min
Response: 63154905
Conc: 51.89 ng/ml



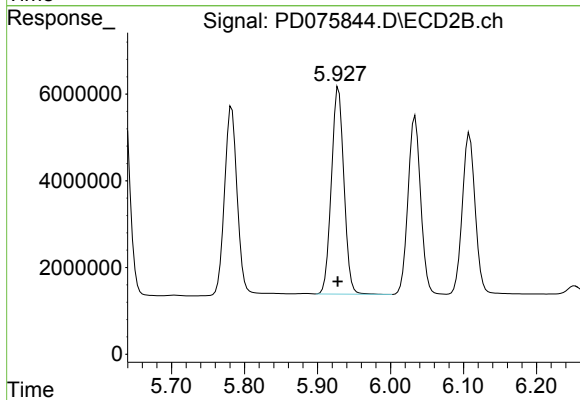
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 130426417
Conc: 50.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

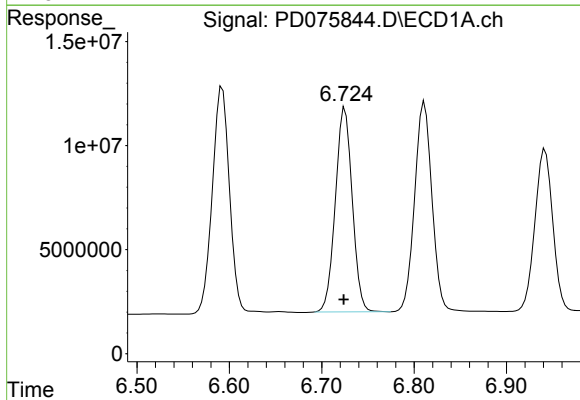
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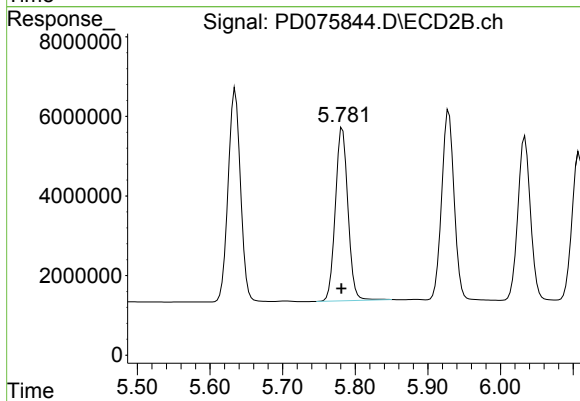
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 56840175
Conc: 52.69 ng/ml



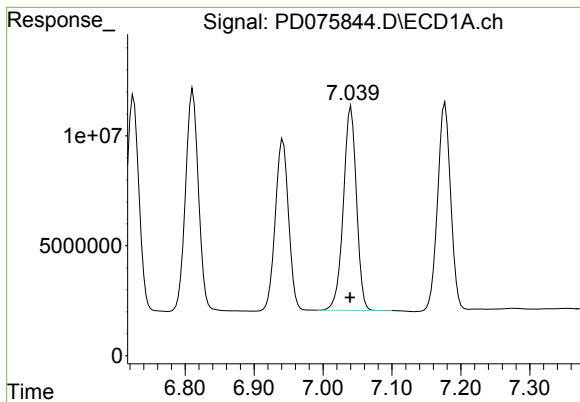
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 124731791
Conc: 54.81 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 52316384
Conc: 59.36 ng/ml



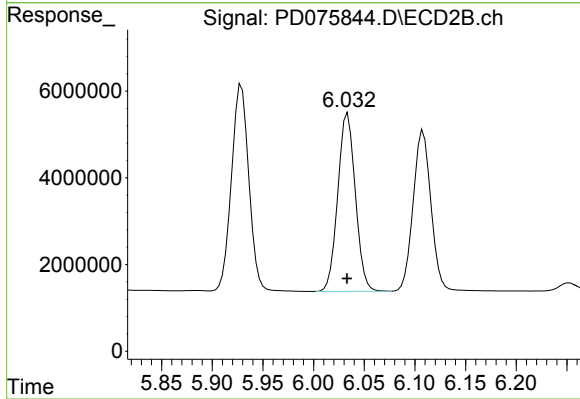
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 122551883
Conc: 54.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

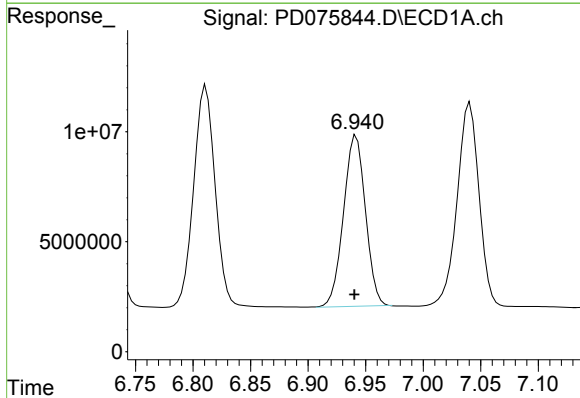
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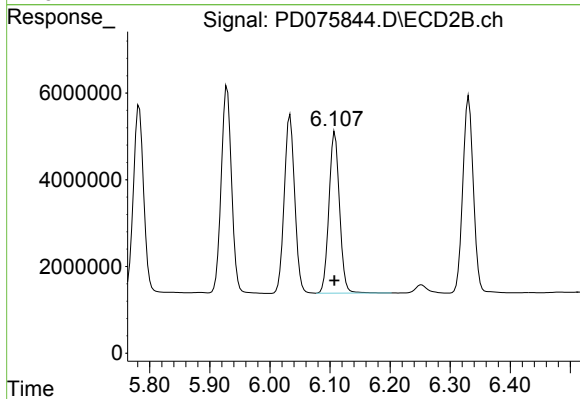
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 49556694
Conc: 61.01 ng/ml



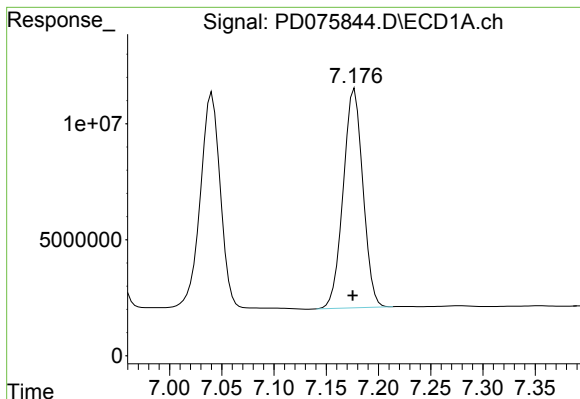
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 103617737
Conc: 51.64 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 45626034
Conc: 52.72 ng/ml



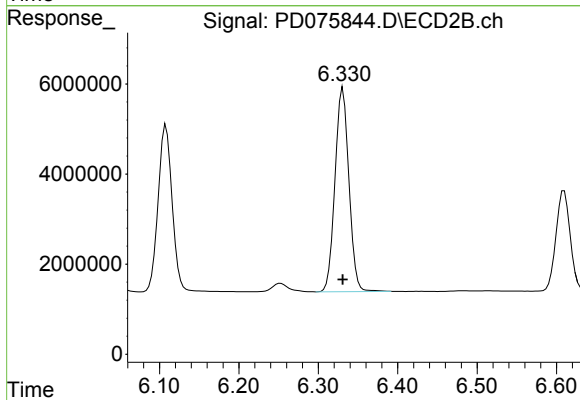
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 123856694
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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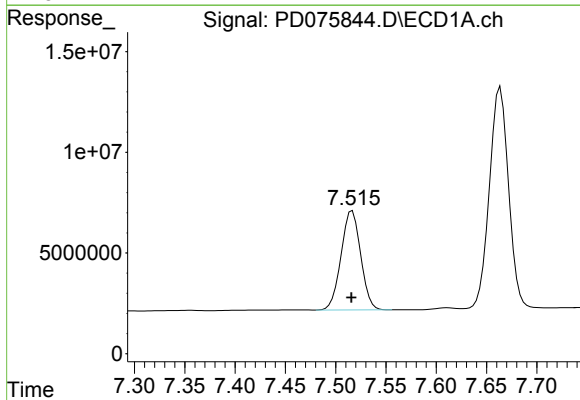
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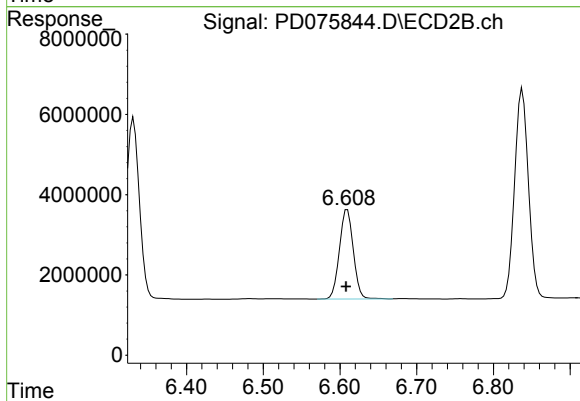
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 54975537
Conc: 50.87 ng/ml



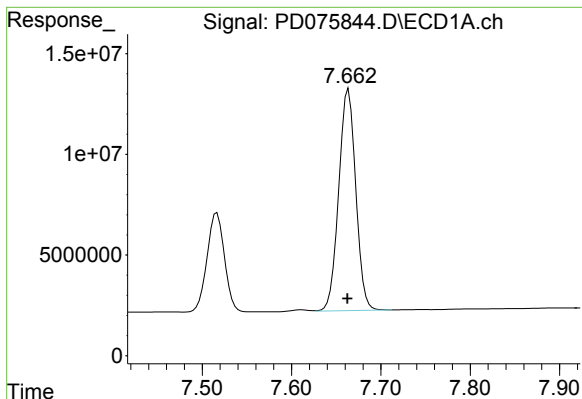
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 66570493
Conc: 51.43 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 27977937
Conc: 60.45 ng/ml



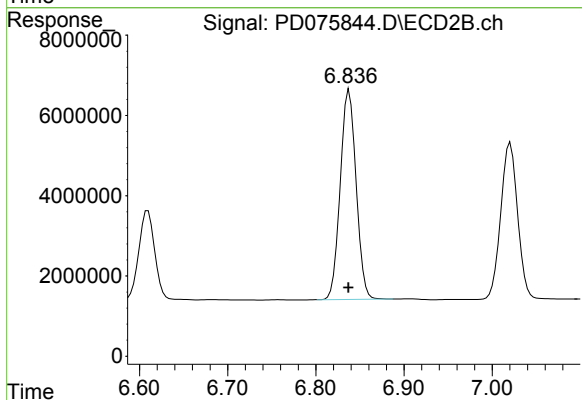
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.001 min
Response: 145699003
Conc: 52.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMS

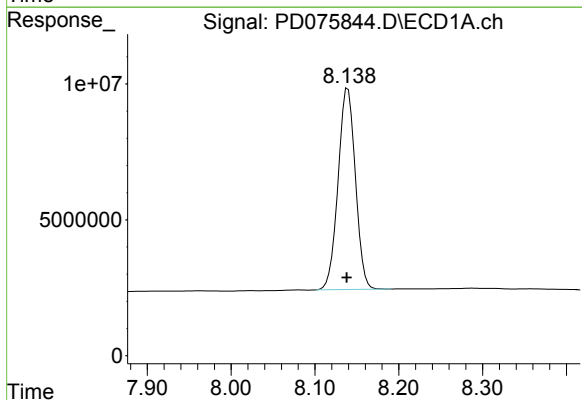
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023



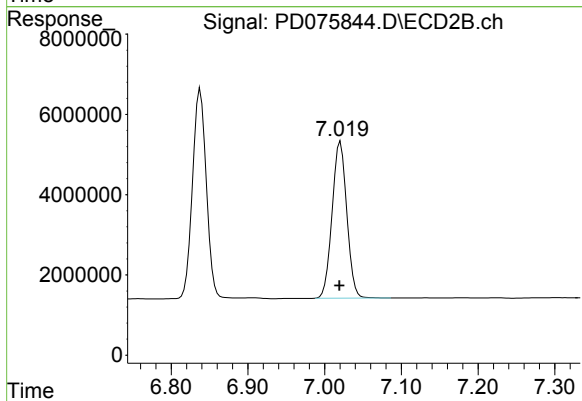
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 65287095
Conc: 53.74 ng/ml



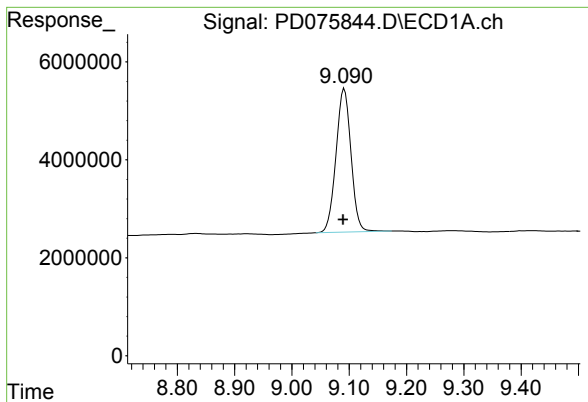
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 106406377
Conc: 49.66 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 51895064
Conc: 49.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 53096696
Conc: 20.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

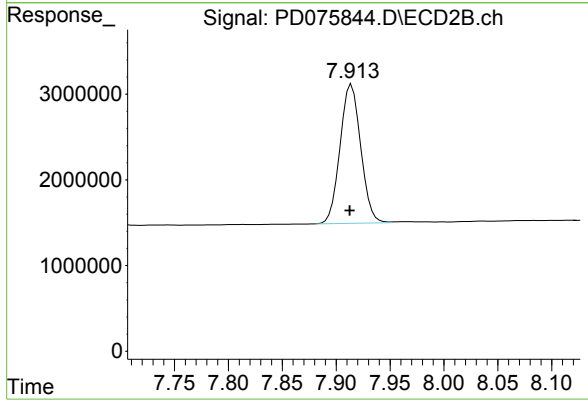
A-MANHOLEMS

Manual Integrations

APPROVED

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Supervised By :Ankita Jodhani 06/19/2023



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 21650504
Conc: 22.14 ng/ml