Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 16:52
Operator : AR\AJ
Sample : 02386-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 21:51:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 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...	3.547	2.769	23098305	27963608	9.684	21.452 #
28)	SA Decachlor...	9.089	7.918	38024816	16188136	12.521	12.136
	Target Compounds						
2)	A alpha-BHC	4.004	3.270	192.4E6	87986888	46.258	45.063m
3)	MA gamma-BHC...	4.337	3.601	198.9E6	89749343	51.246	49.453
4)	MA Heptachlor	4.929	3.943	197.5E6	95125500	50.498	51.430
5)	MB Aldrin	5.273	4.224	205.2E6	96812244	53.402	52.366
6)	B beta-BHC	4.532	3.897	79189309	37907577	47.205	46.672
7)	B delta-BHC	4.781	4.128	188.1E6	94506972	58.996	50.264
8)	B Heptachlo...	5.699	4.726	194.2E6	80236888	60.088	47.315
9)	A Endosulfan I	6.086	5.097	165.9E6	74732507	50.840	46.601
10)	B gamma-Chl...	5.956	4.976	202.4E6	99623811	58.363	57.535
11)	B alpha-Chl...	6.036	5.041	190.9E6	88073456	54.967	51.409
12)	B 4,4'-DDE	6.208	5.230	180.2E6	74679713	56.214	47.616
13)	MA Dieldrin	6.362	5.362	211.7E6	103.0E6	62.065	61.332
14)	MA Endrin	6.592	5.635	161.6E6	74566524	55.618	49.415m
15)	B Endosulfa...	6.811	5.930	142.5E6	75474485	49.649	54.888
16)	A 4,4'-DDD	6.726	5.785	281.1E6	116.9E6	106.104	88.686
17)	MA 4,4'-DDT	7.039	6.036	144.7E6	72335655	49.674m	53.559
18)	B Endrin al...	6.940	6.110	106.5E6	57193852	46.358m	51.234
19)	B Endosulfa...	7.176	6.333	140.9E6	70425179	48.791	50.961
20)	A Methoxychlor	7.516	6.611	74409396	35970606	45.692	47.725m
21)	B Endrin ke...	7.662	6.840	176.4E6	76700472	54.150	46.935
22)	Mirex	8.138	7.024	118.4E6	55609974	47.671	43.099

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 16:52
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Sample : 02386-04MS
Misc :
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Integration File signal 1: autoint1.e
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Quant Time: Apr 20 21:51:39 2023
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QLast Update : Tue Apr 18 13:17:37 2023
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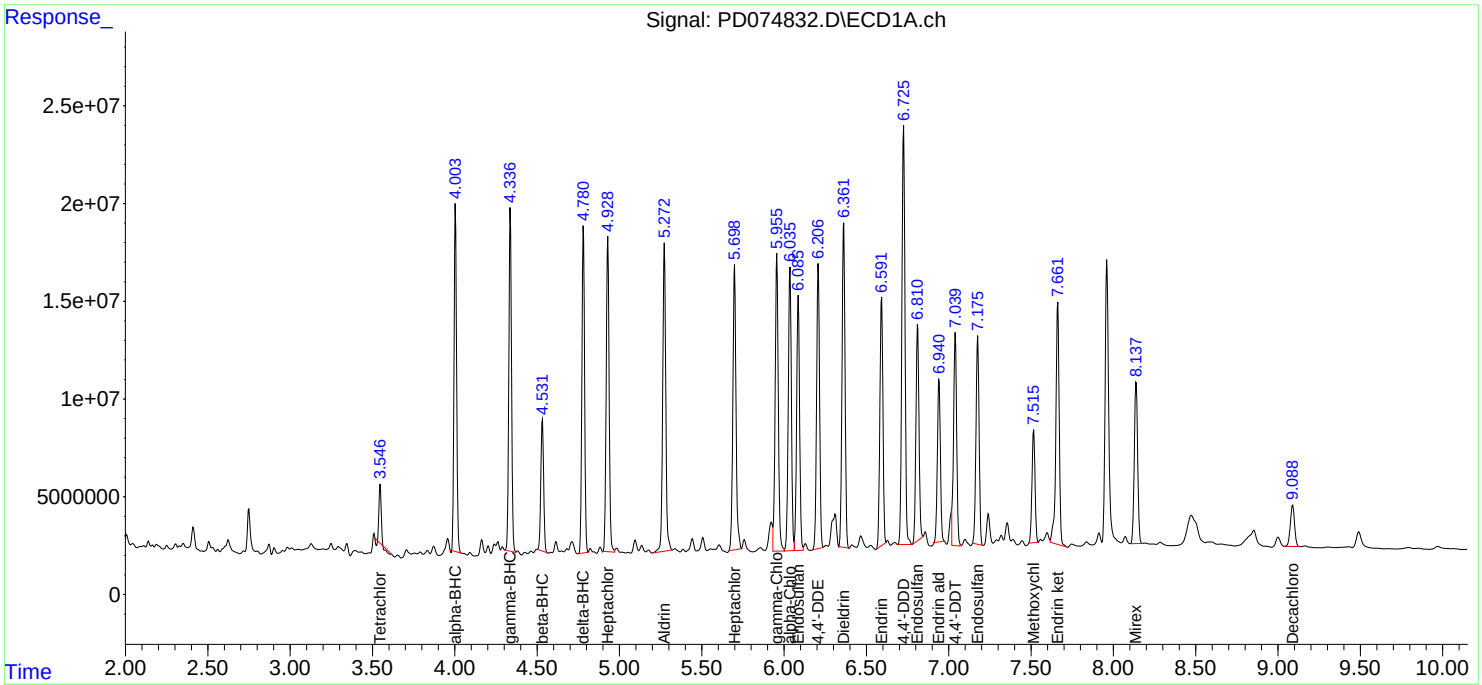
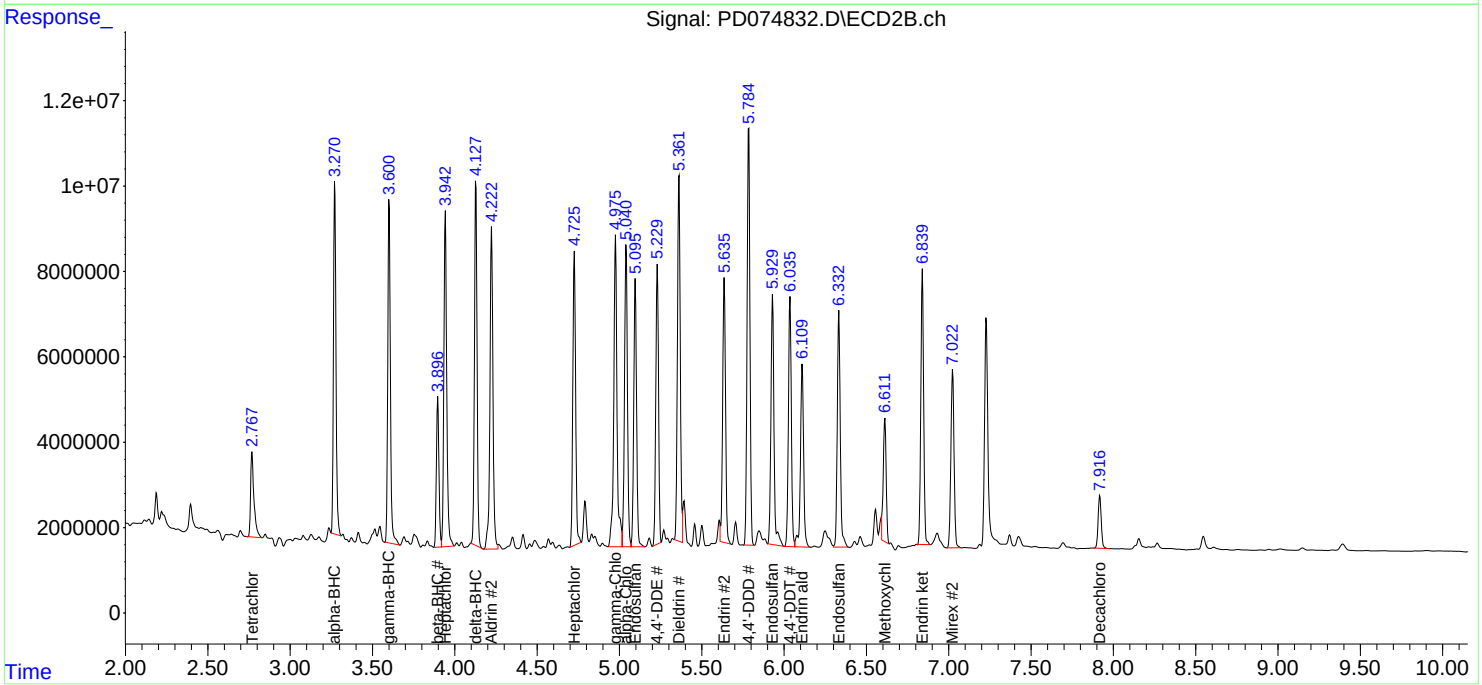
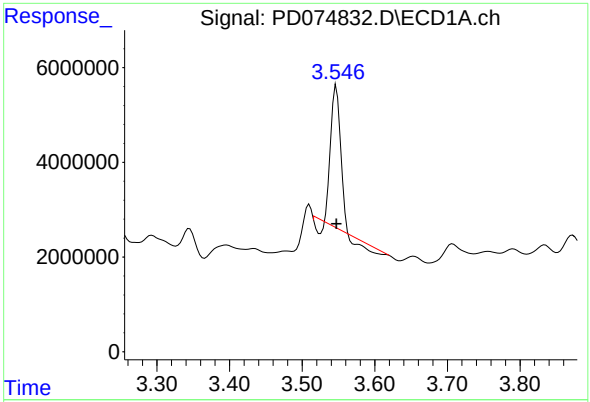
Integrator: ChemStation

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.: 3.547 min
Delta R.T.: 0.000 min
Response: 23098305
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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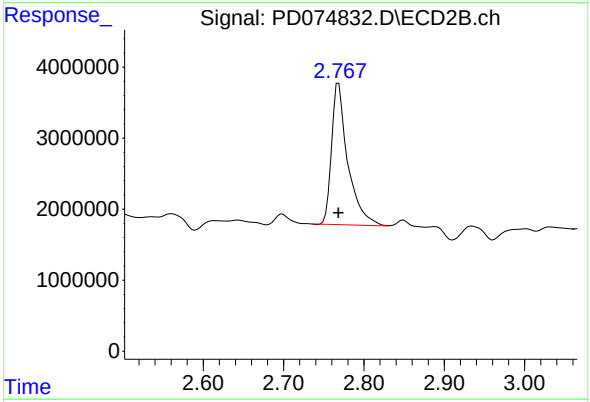
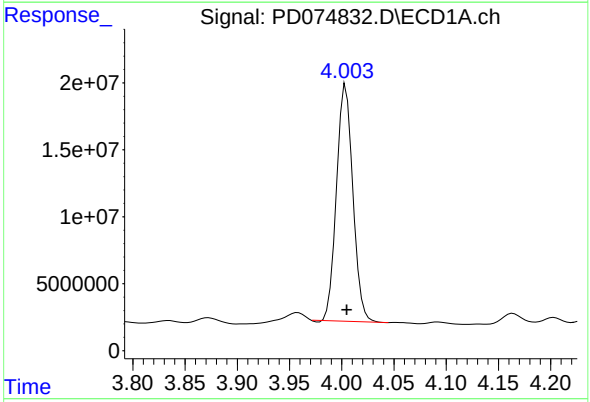


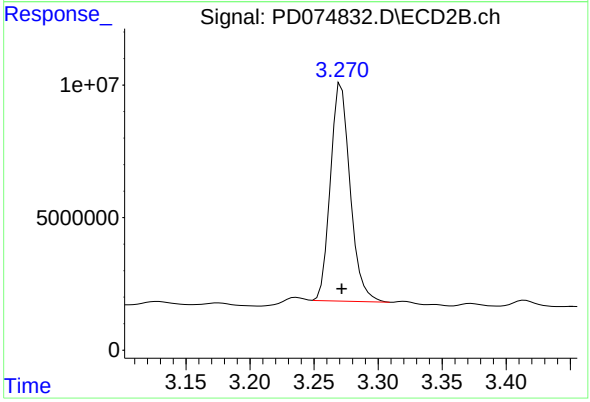
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.000 min
Response: 27963608
Conc: 21.45 ng/ml



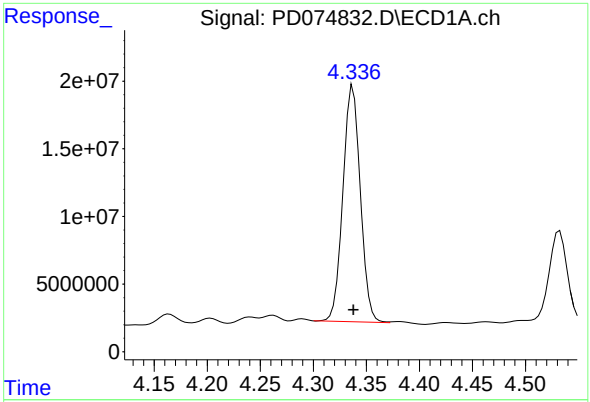
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 192397706
Conc: 46.26 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.002 min
Response: 87986888
Conc: 45.06 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 198892164
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED

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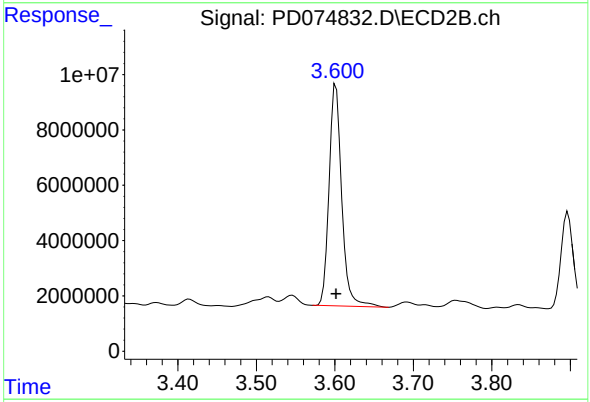
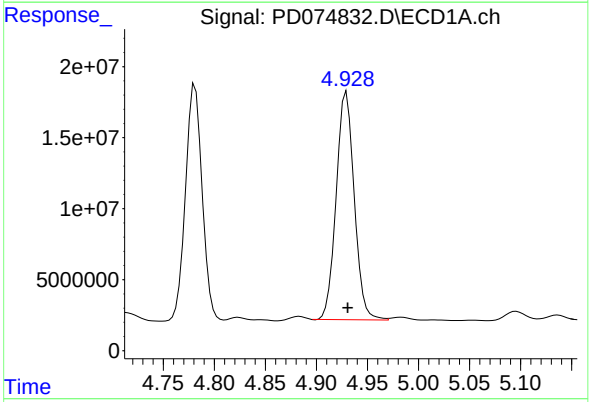


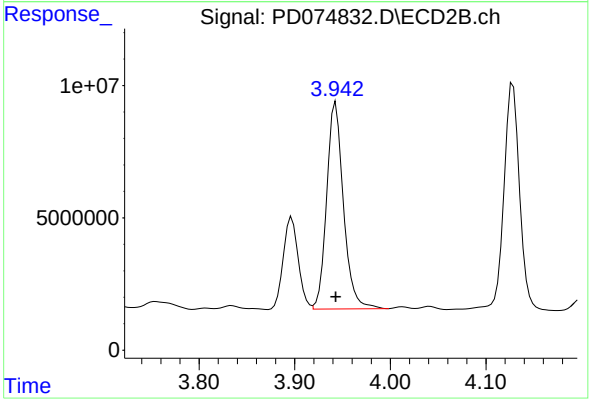
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 89749343
Conc: 49.45 ng/ml



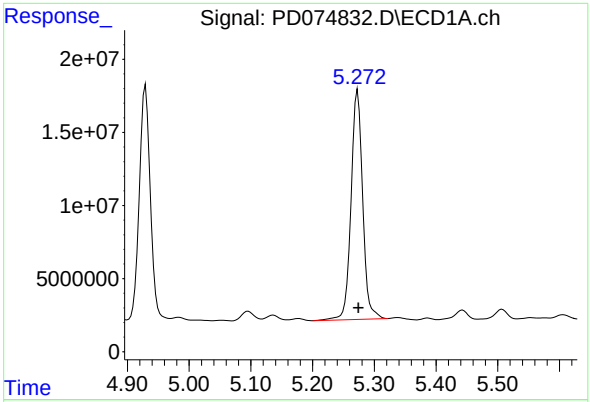
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 197507138
Conc: 50.50 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 95125500
Conc: 51.43 ng/ml



#5 Aldrin

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 205216258
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations
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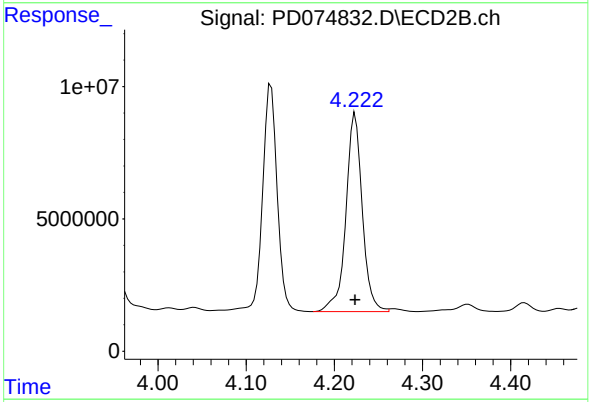
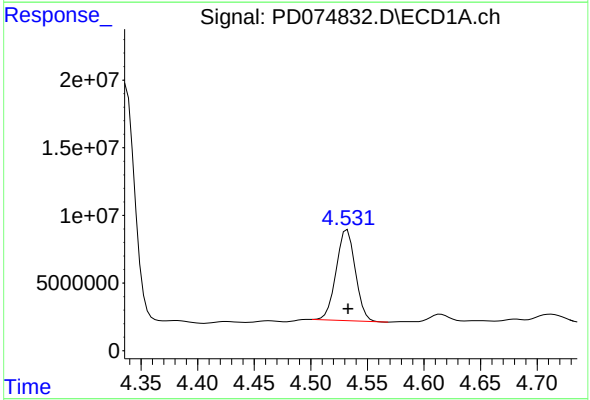


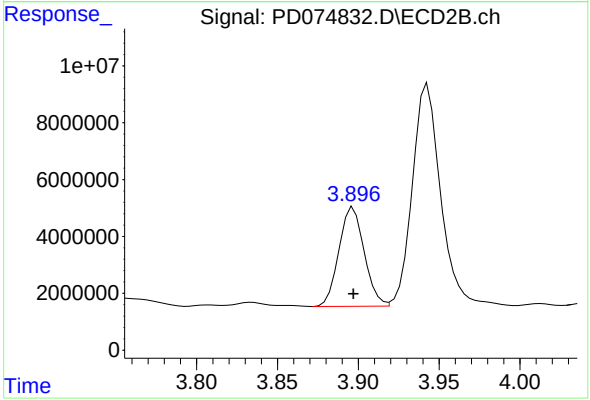
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 96812244
Conc: 52.37 ng/ml



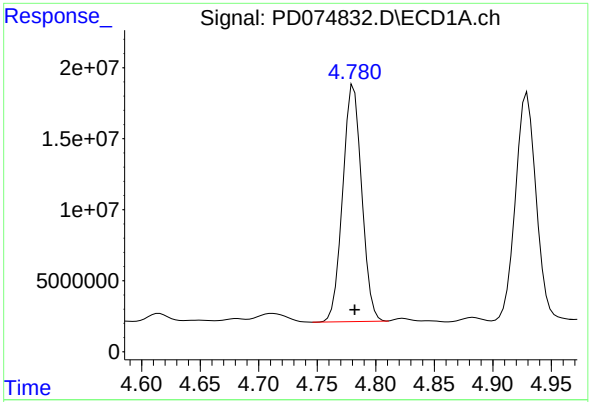
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 79189309
Conc: 47.21 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 37907577
Conc: 46.67 ng/ml



#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 188111736
Conc: 59.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations APPROVED

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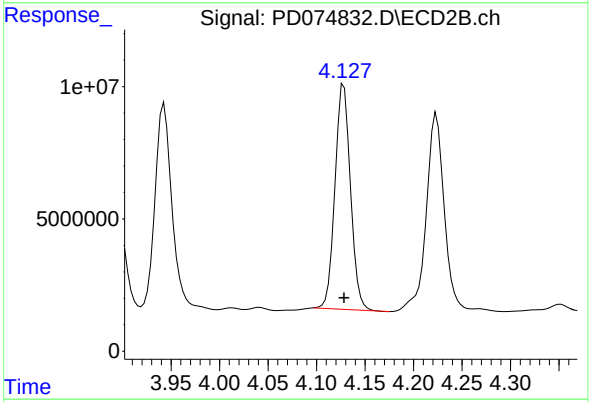
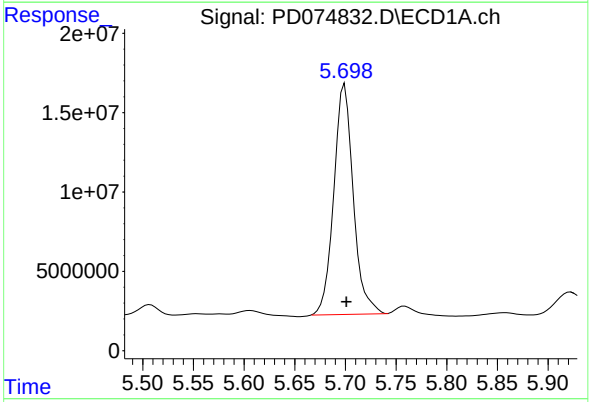


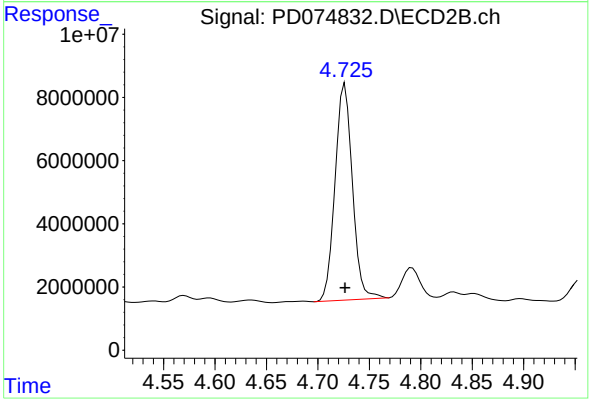
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 94506972
Conc: 50.26 ng/ml



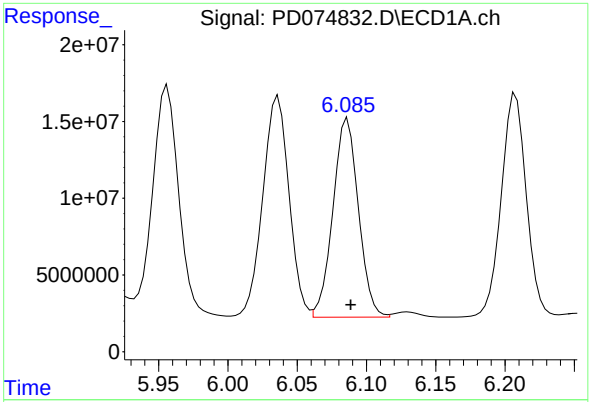
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 194163395
Conc: 60.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 80236888
Conc: 47.32 ng/ml



#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 165881883
Conc: 50.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations
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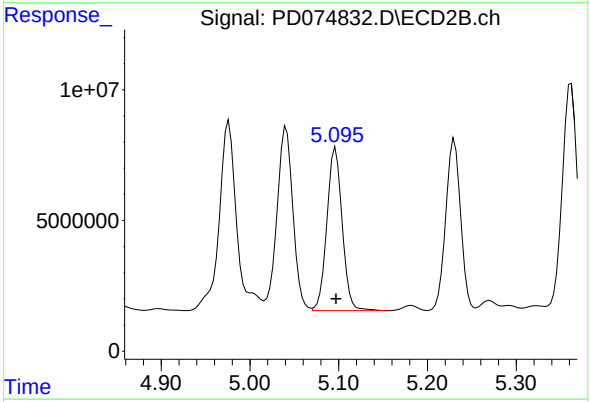
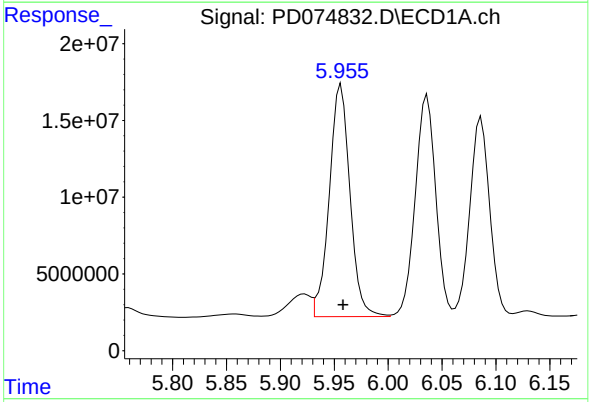


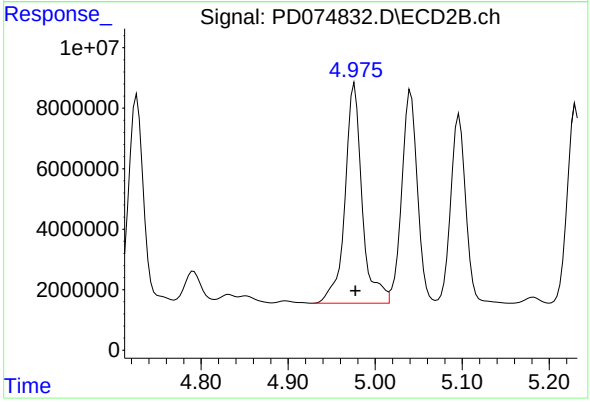
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 74732507
Conc: 46.60 ng/ml



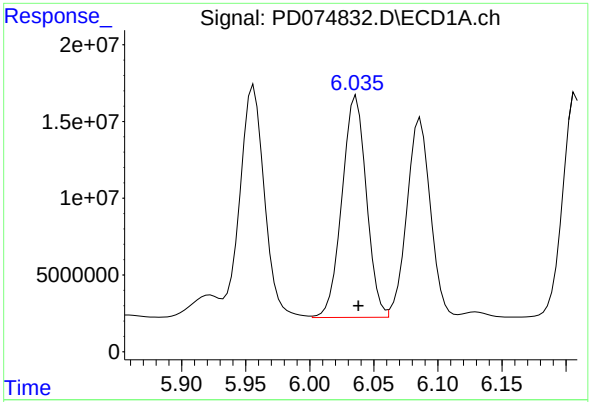
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 202398408
Conc: 58.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 99623811
Conc: 57.54 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 190949940
Conc: 54.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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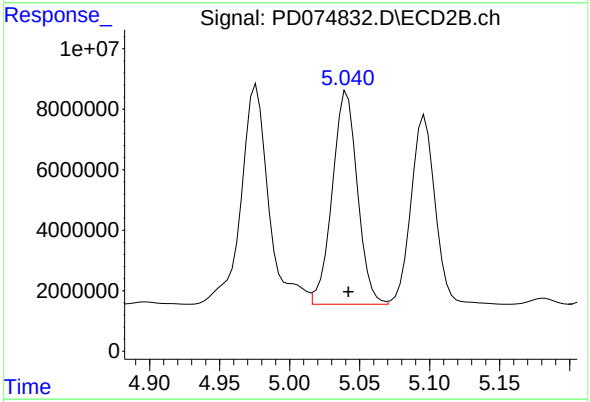
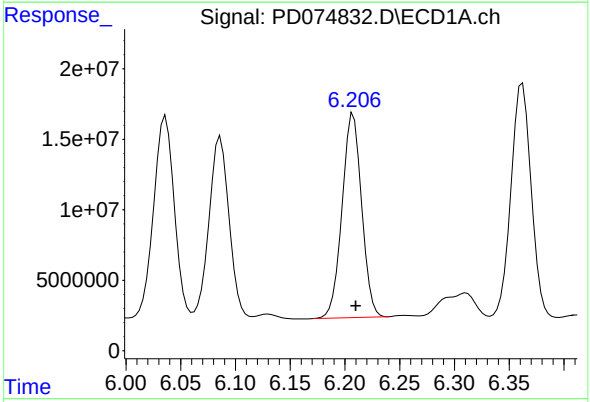


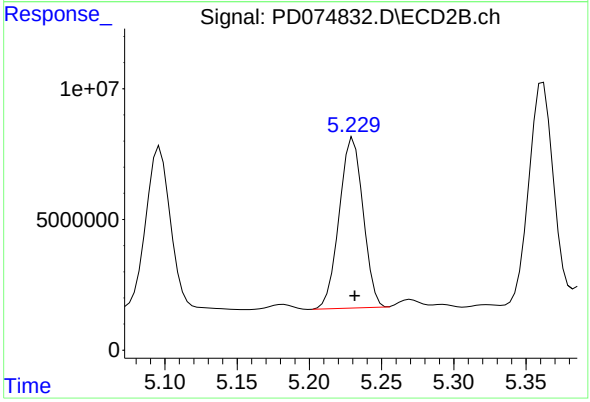
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 88073456
Conc: 51.41 ng/ml



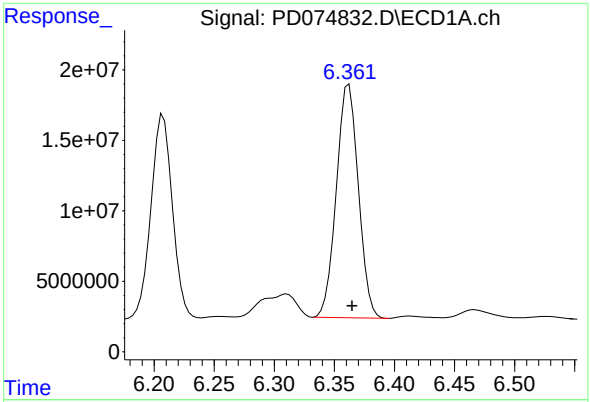
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 180220155
Conc: 56.21 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 74679713
Conc: 47.62 ng/ml



#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 211707358
Conc: 62.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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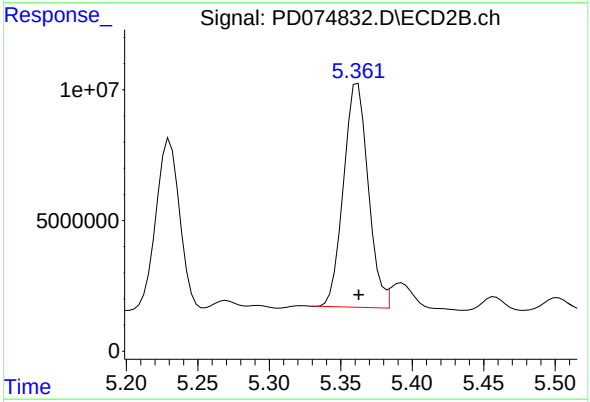
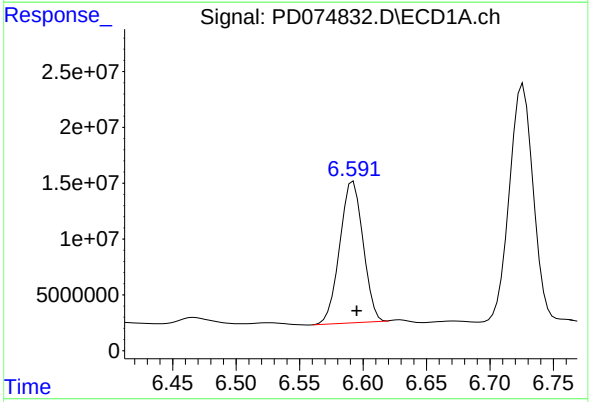


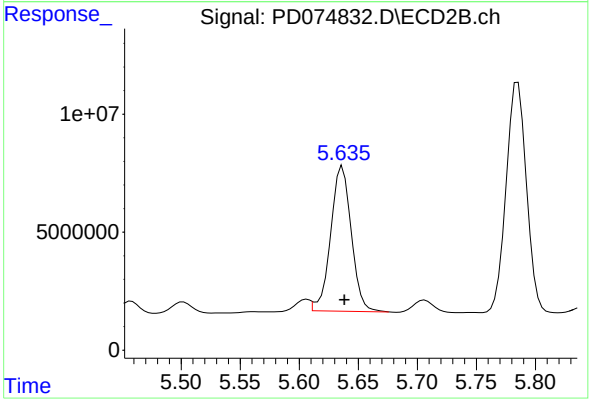
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 102972147
Conc: 61.33 ng/ml



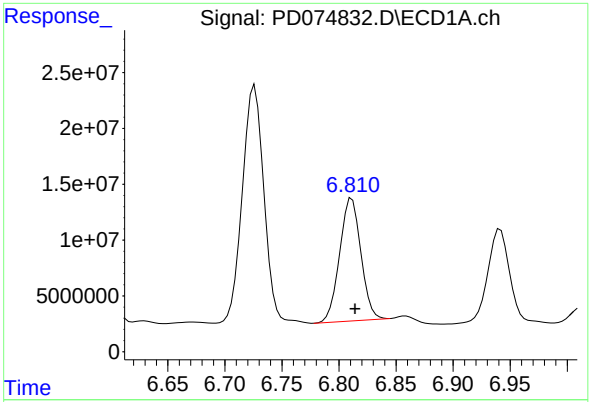
#14 Endrin

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 161598109
Conc: 55.62 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 74566524
Conc: 49.41 ng/ml m



#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.003 min
Response: 142450610
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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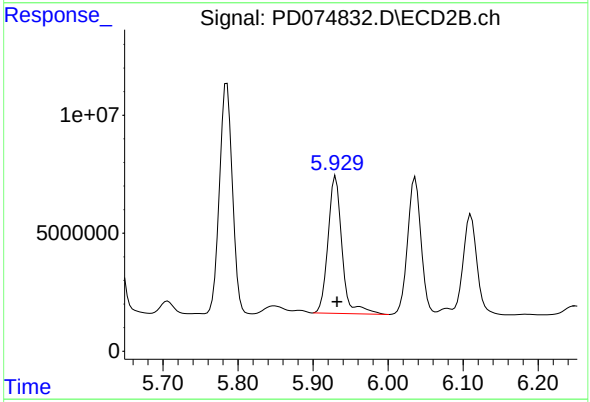
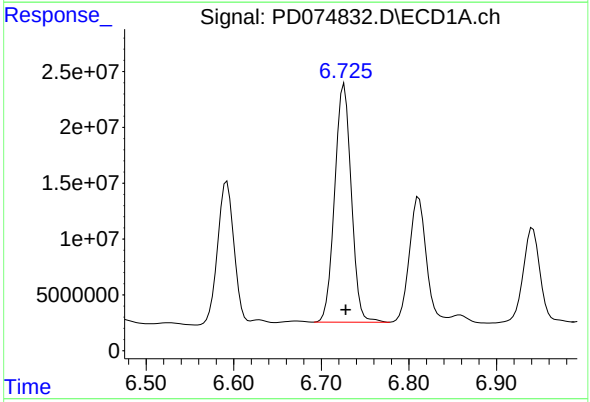
Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



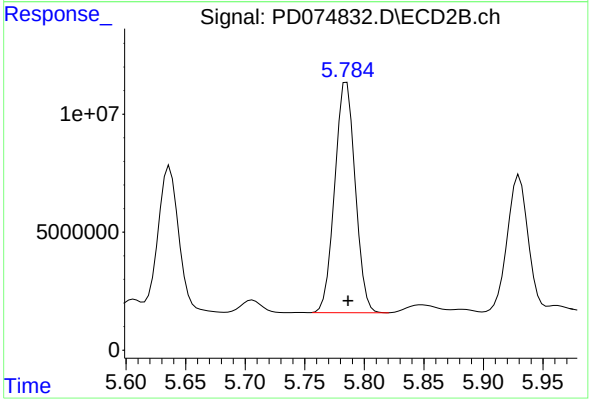
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 75474485
Conc: 54.89 ng/ml



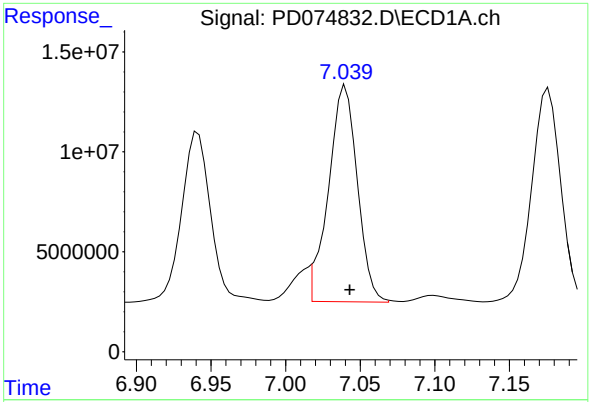
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 281148806
Conc: 106.10 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 116921039
Conc: 88.69 ng/ml



#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 144727483
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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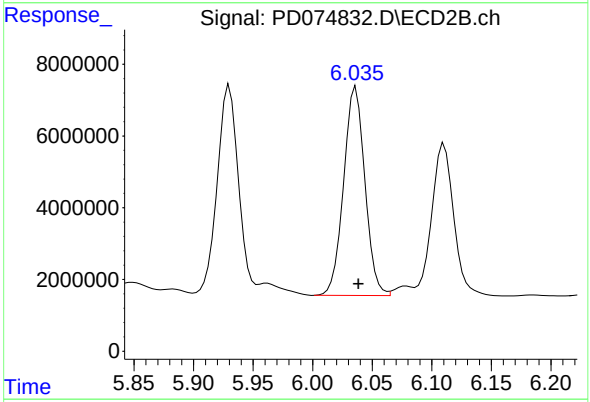
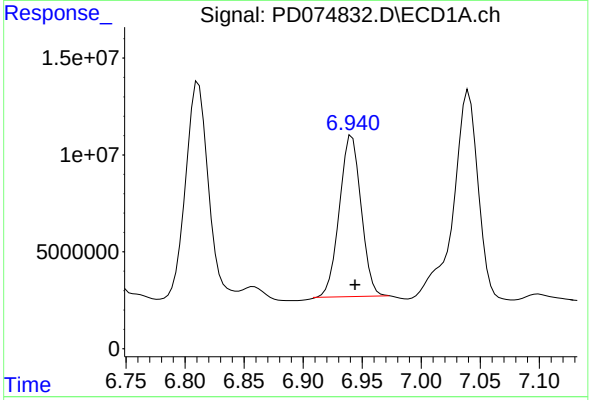


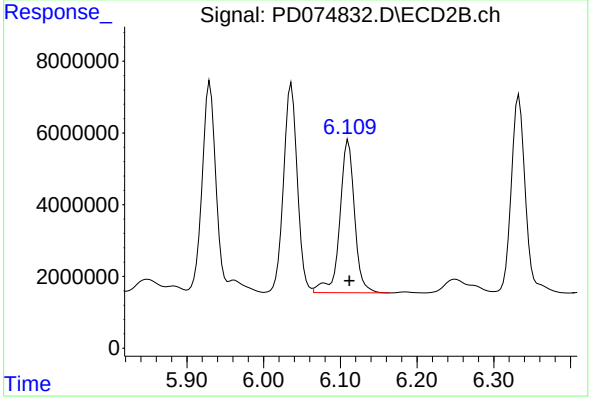
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 72335655
Conc: 53.56 ng/ml



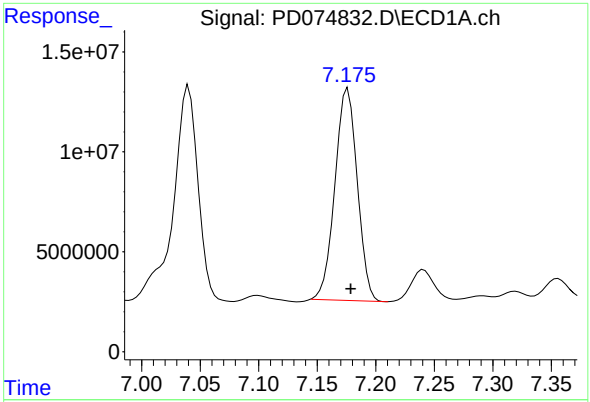
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.004 min
Response: 106451011
Conc: 46.36 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.001 min
Response: 57193852
Conc: 51.23 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 140929251
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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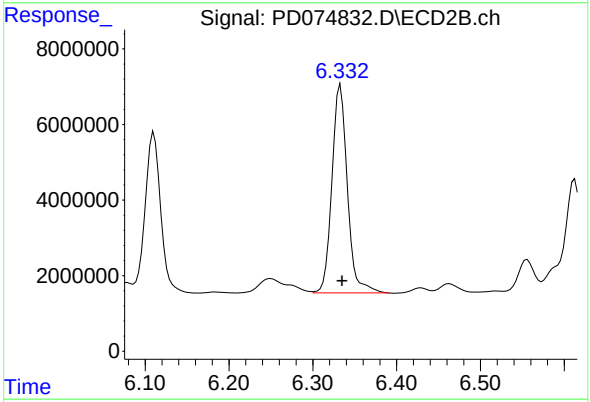
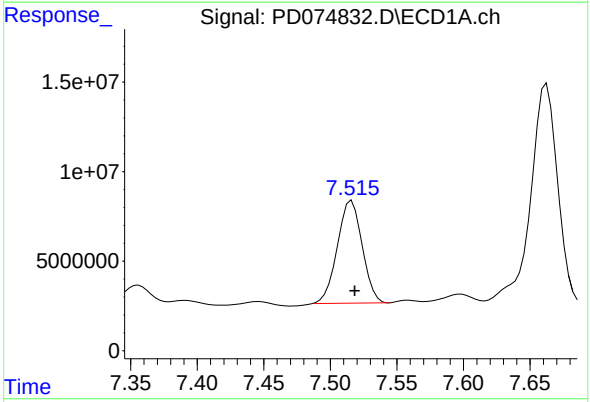


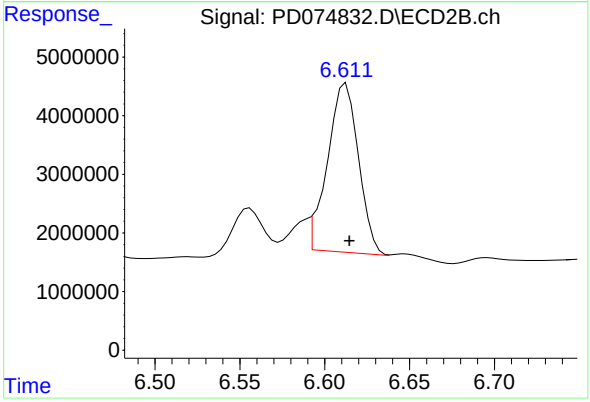
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 70425179
Conc: 50.96 ng/ml



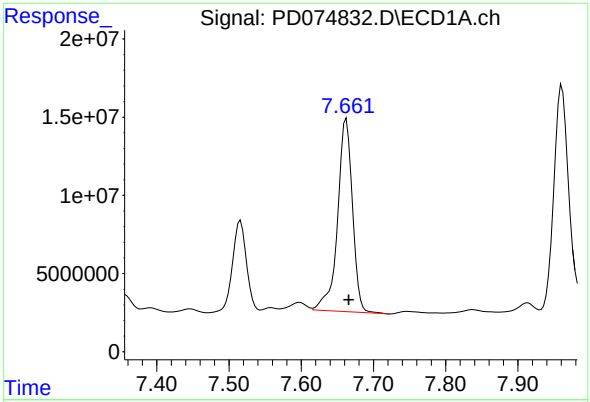
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 74409396
Conc: 45.69 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 35970606
Conc: 47.72 ng/ml m



#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 176370717
Conc: 54.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

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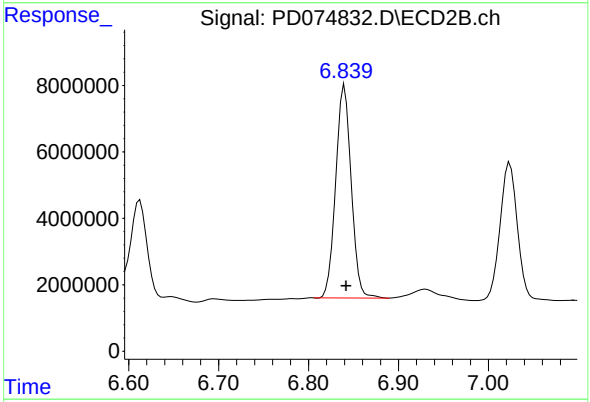
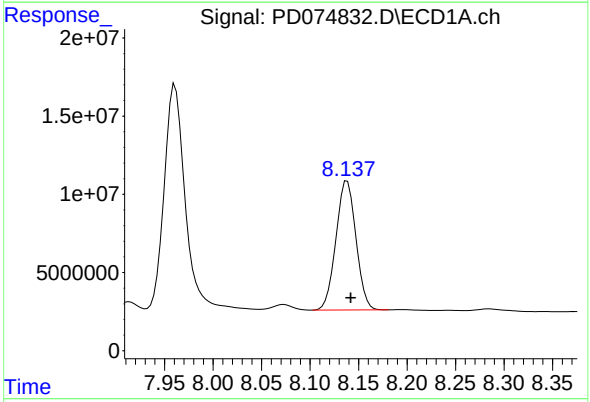
Supervised By :Ankita Jodhani 04/21/2023



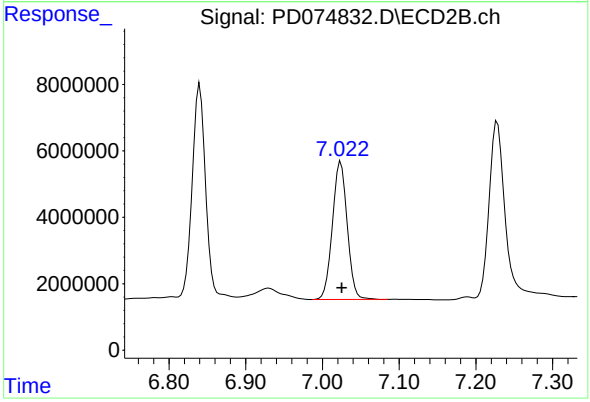
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 76700472
Conc: 46.94 ng/ml



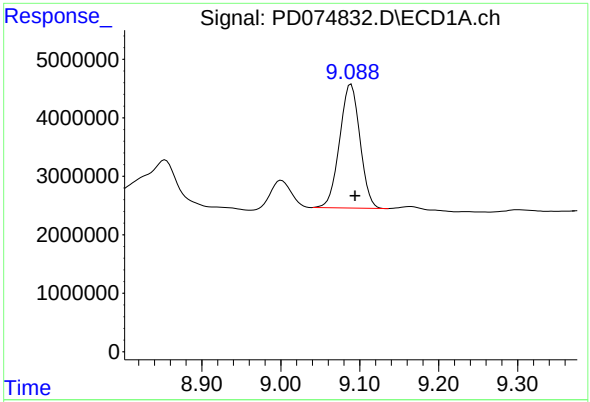
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 118373835
Conc: 47.67 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 55609974
Conc: 43.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 38024816
Conc: 12.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MS

Manual Integrations
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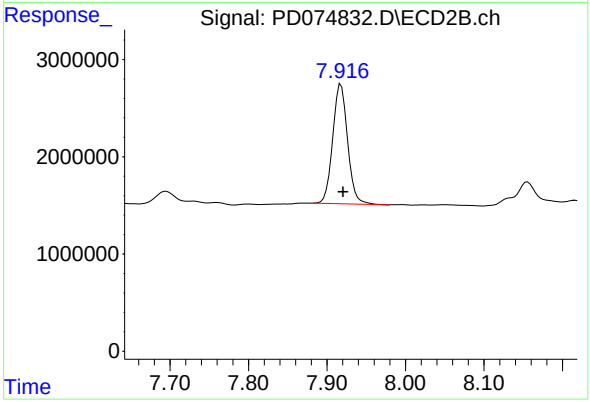

#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 16188136
Conc: 12.14 ng/ml