

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101322\
 Data File : PL078354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2022 22:23
 Operator : AR\AJ
 Sample : N5111-01MS 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-3MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2022
 Supervised By : Ankita Jodhani 10/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 06:35:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.412	2.621	4165059	7393431	2.520	2.797
28)	SA Decachlor...	8.902	7.715	4279916	5709057	2.772	2.626
Target Compounds							
2)	A alpha-BHC	3.877	3.112	14916497	27430971	5.932	6.590
3)	MA gamma-BHC...	4.212	3.436	14333136	24014702	6.146	6.892
4)	MA Heptachlor	4.787	3.767	13983540	24135943	6.291	6.758
5)	MB Aldrin	5.128	4.040	13705331	24985934	6.544	7.345
6)	B beta-BHC	4.426	3.736	6329717	10387762	6.364	7.046
7)	B delta-BHC	4.669	3.958	12280606	24092016	6.682	6.517
8)	B Heptachlo...	5.561	4.539	12472117	21119937	8.192	7.167
9)	A Endosulfan I	5.947	4.904	10377482	19579262	6.182	7.099
10)	B gamma-Chl...	5.817	4.788	11894615	22531564	6.676	7.527
11)	B alpha-Chl...	5.894	4.850	11728928	21627727	6.550	7.511
12)	B 4,4'-DDE	6.073	5.044	12910330	24047025	7.660	8.412
13)	MA Dieldrin	6.225	5.167	10789240	21718532	6.271	7.412
14)	MA Endrin	6.457	5.440	9164989	19995998	6.142	8.681 #
15)	B Endosulfa...	6.685	5.736	9635298	19498928	7.187	7.965
16)	A 4,4'-DDD	6.598	5.598	8599912	17885350	6.984	8.030
17)	MA 4,4'-DDT	6.909	5.845	11540687	21554923	7.883	9.496
18)	B Endrin al...	6.817	5.915	7708199	14340806	6.736	7.750
19)	B Endosulfa...	7.049	6.138	8841083	17595266	6.198	7.309
20)	A Methoxychlor	7.390	6.423	4716517	8539668	6.225	6.761
21)	B Endrin ke...	7.537	6.637	9274606	16831334	5.945m	6.353
22)	Mirex	7.997	6.812	7592747	13291531	6.428	6.909

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101322\
Data File : PL078354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2022 22:23
Operator : AR\AJ
Sample : N5111-01MS 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

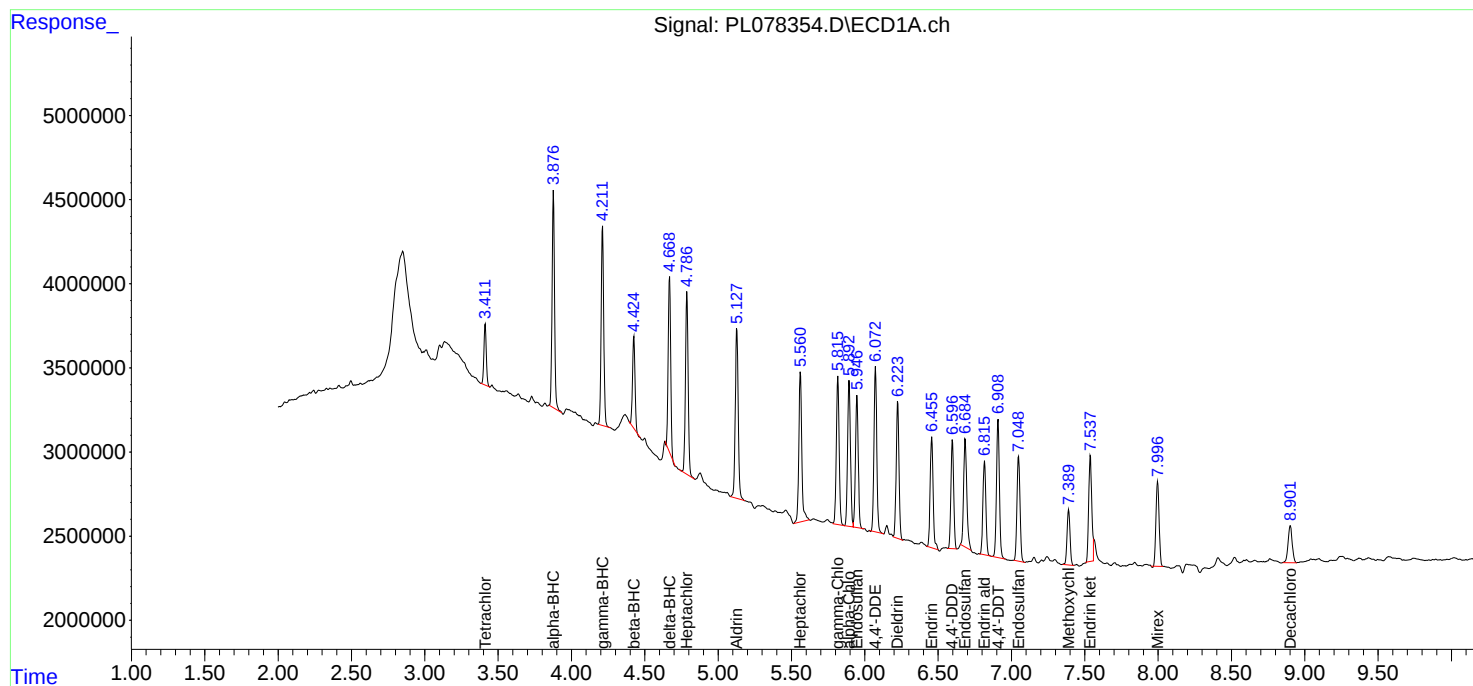
Instrument :
ECD_L
ClientSampleId :
WC-3MS

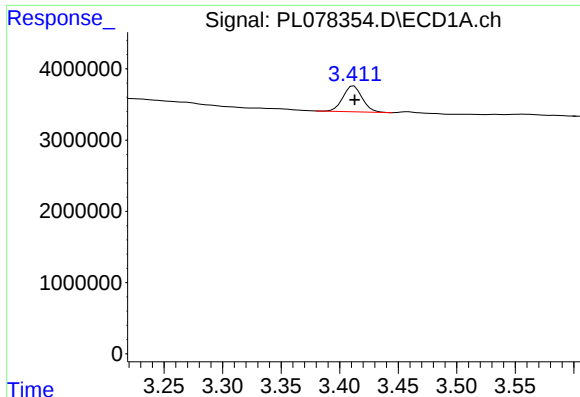
Manual Integrations
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Reviewed By :Abdul Mirza 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 06:35:18 2022
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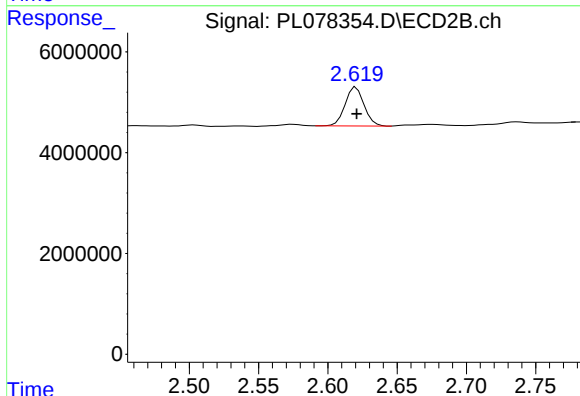
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 4165059
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

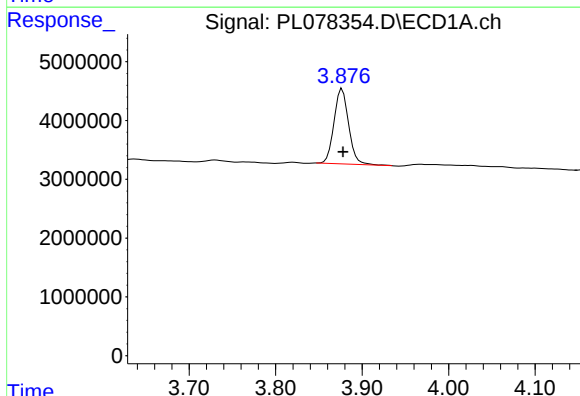
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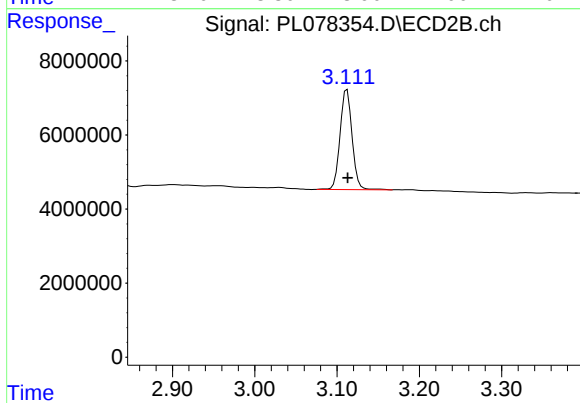
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: 0.000 min
Response: 7393431
Conc: 2.80 ng/ml



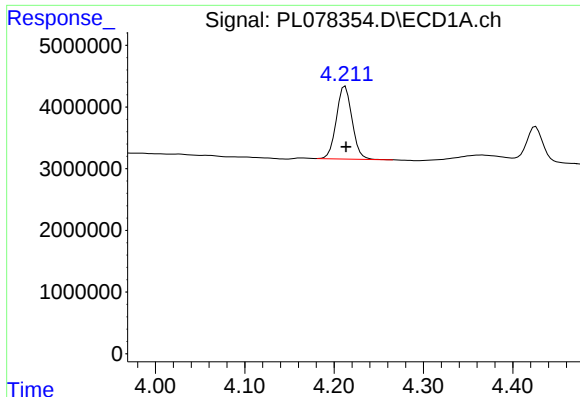
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 14916497
Conc: 5.93 ng/ml



#2 alpha-BHC

R.T.: 3.112 min
Delta R.T.: 0.000 min
Response: 27430971
Conc: 6.59 ng/ml



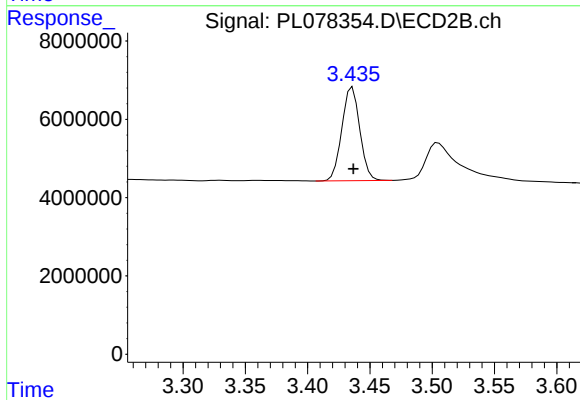
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 14333136
Conc: 6.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

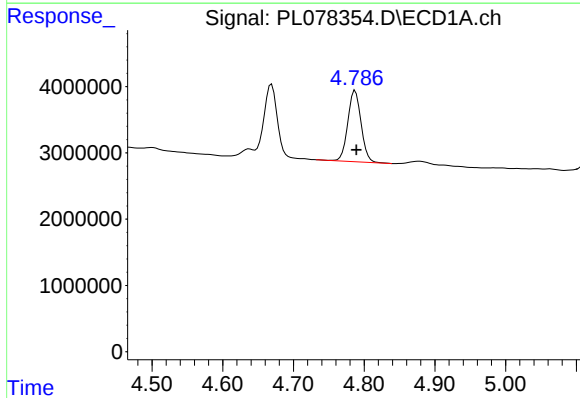
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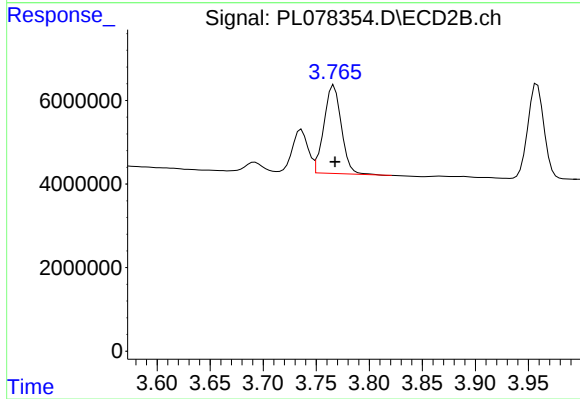
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 24014702
Conc: 6.89 ng/ml



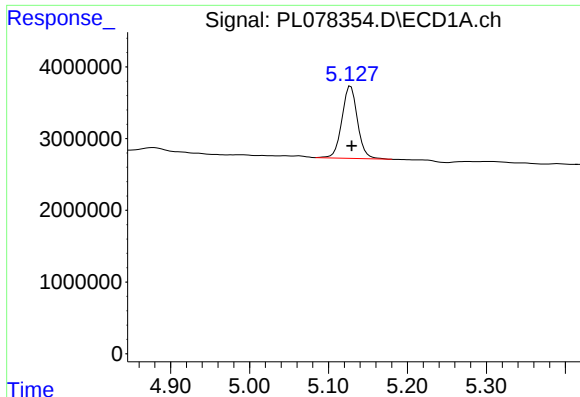
#4 Heptachlor

R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 13983540
Conc: 6.29 ng/ml



#4 Heptachlor

R.T.: 3.767 min
Delta R.T.: -0.001 min
Response: 24135943
Conc: 6.76 ng/ml



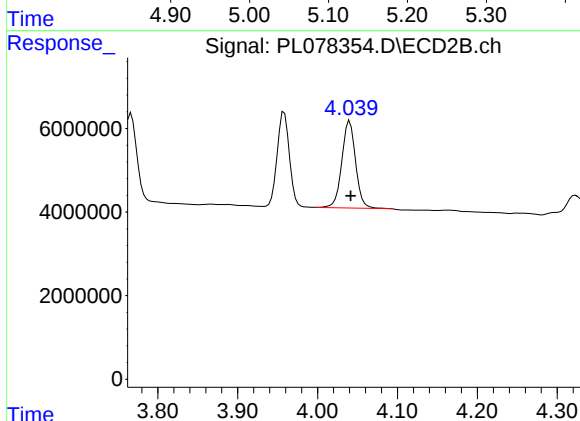
#5 Aldrin

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 13705331
Conc: 6.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

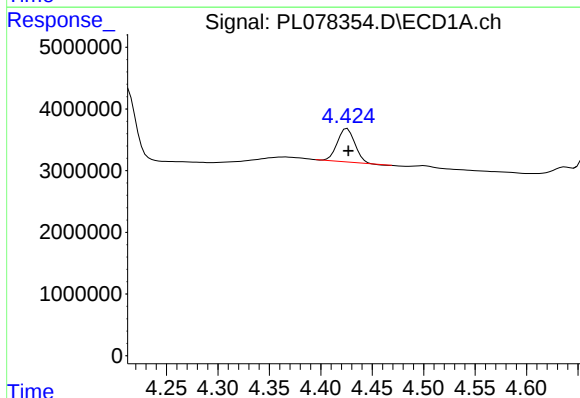
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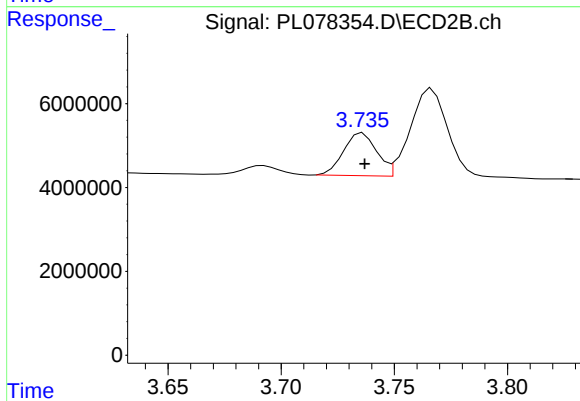
#5 Aldrin

R.T.: 4.040 min
Delta R.T.: -0.001 min
Response: 24985934
Conc: 7.34 ng/ml



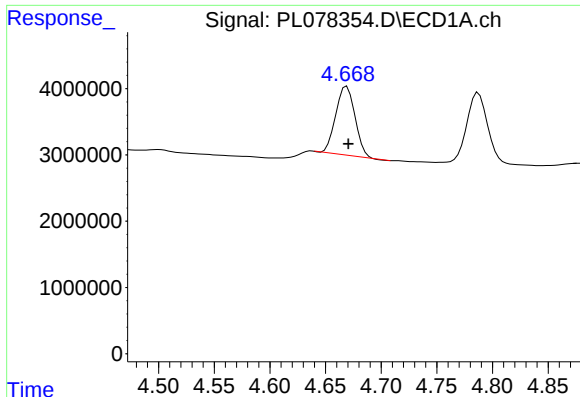
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: -0.001 min
Response: 6329717
Conc: 6.36 ng/ml



#6 beta-BHC

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 10387762
Conc: 7.05 ng/ml



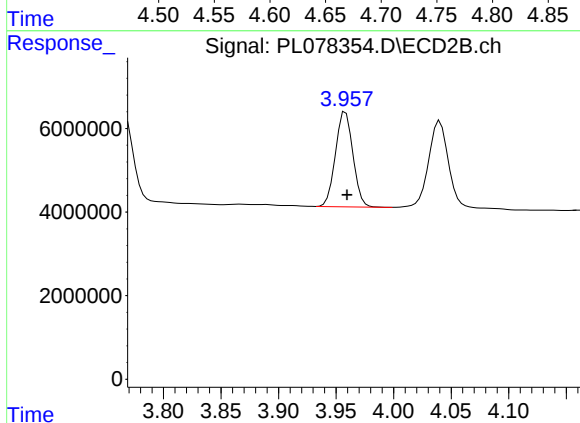
#7 delta-BHC

R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 12280606
Conc: 6.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

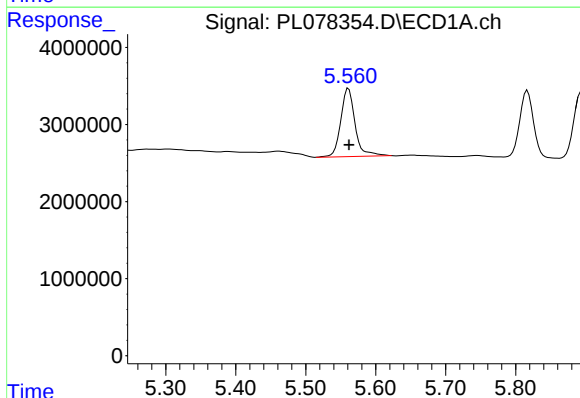
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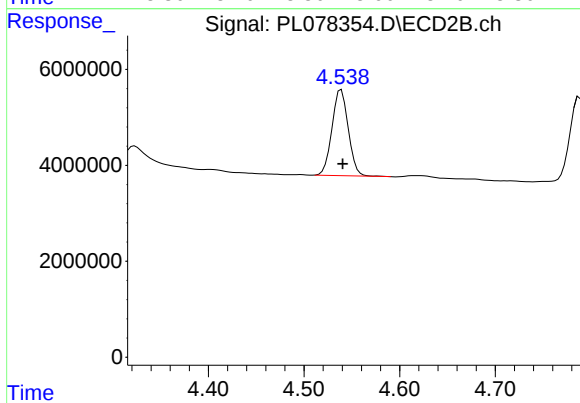
#7 delta-BHC

R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 24092016
Conc: 6.52 ng/ml



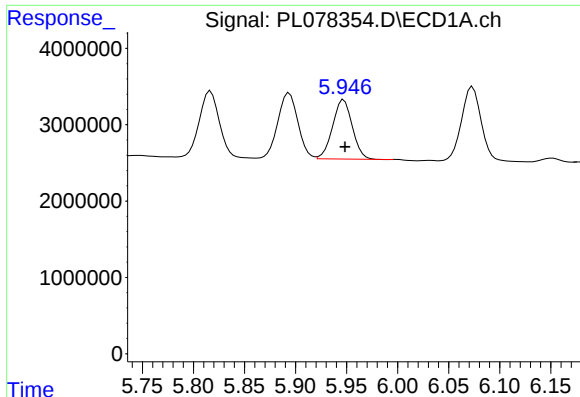
#8 Heptachlor epoxide

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 12472117
Conc: 8.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 21119937
Conc: 7.17 ng/ml



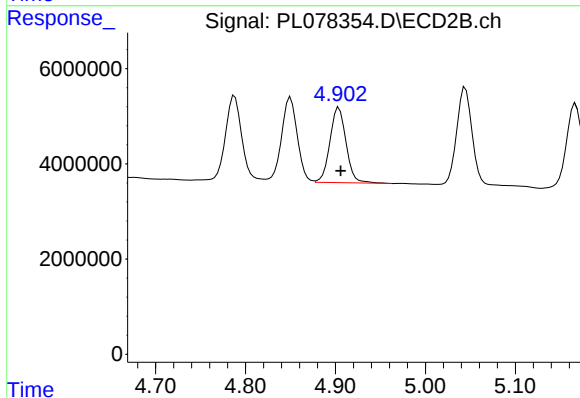
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 10377482
Conc: 6.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

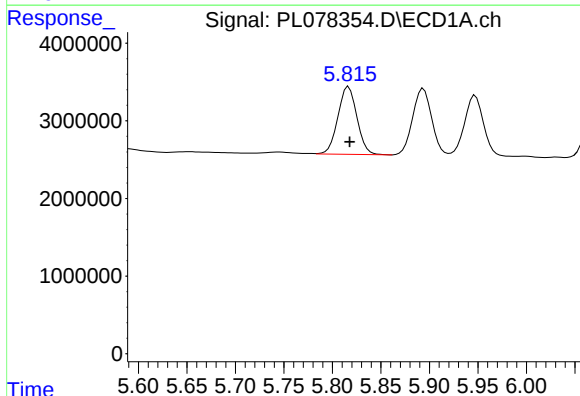
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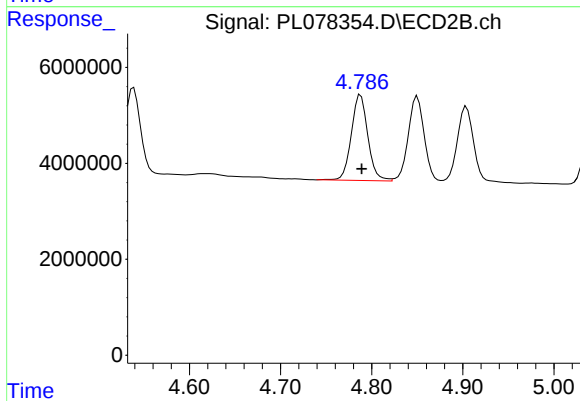
#9 Endosulfan I

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 19579262
Conc: 7.10 ng/ml



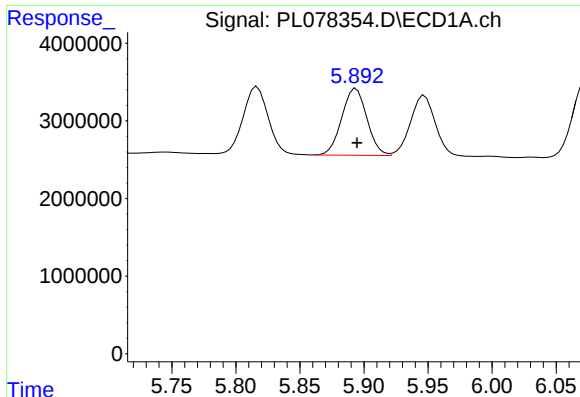
#10 gamma-Chlordane

R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 11894615
Conc: 6.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 22531564
Conc: 7.53 ng/ml



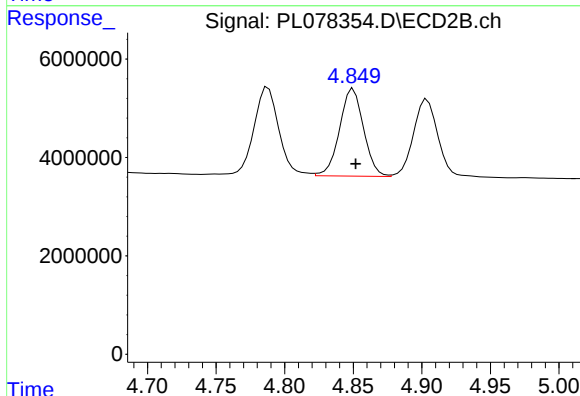
#11 alpha-Chlordane

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 11728928
Conc: 6.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

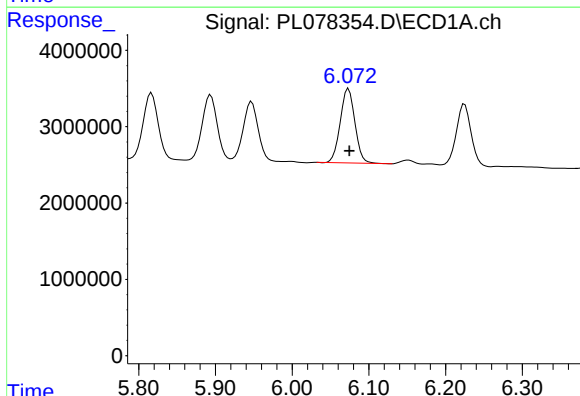
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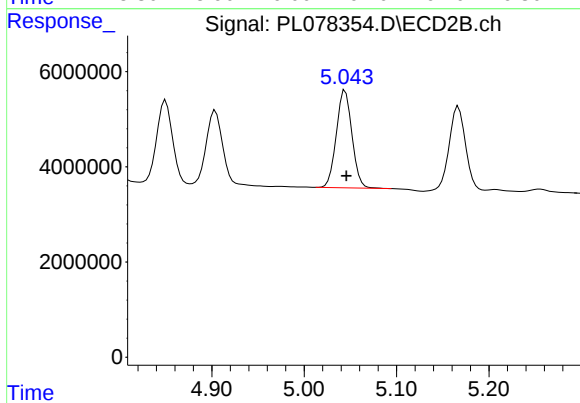
#11 alpha-Chlordane

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 21627727
Conc: 7.51 ng/ml



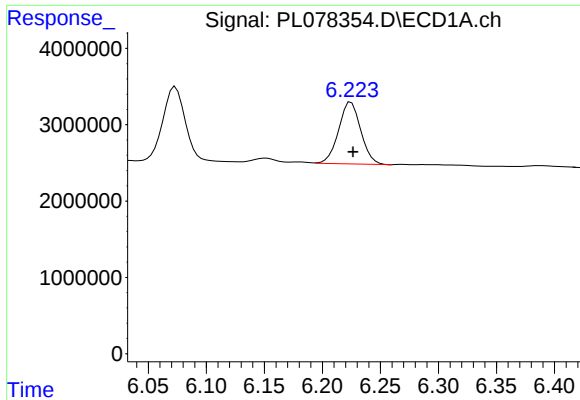
#12 4,4'-DDE

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 12910330
Conc: 7.66 ng/ml



#12 4,4'-DDE

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 24047025
Conc: 8.41 ng/ml



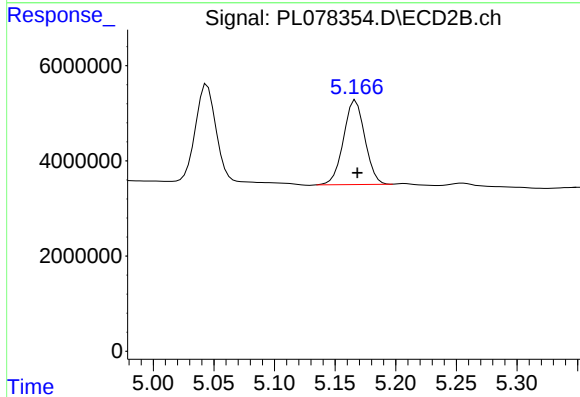
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 10789240
Conc: 6.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

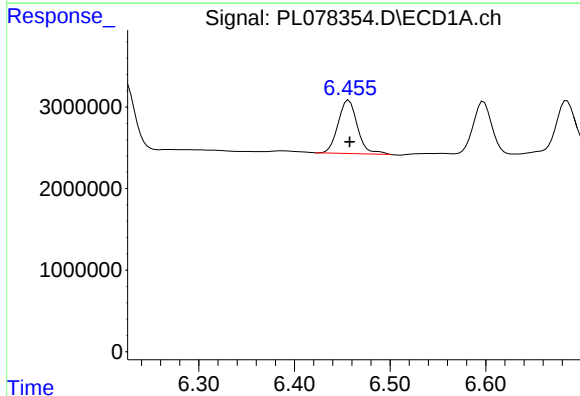
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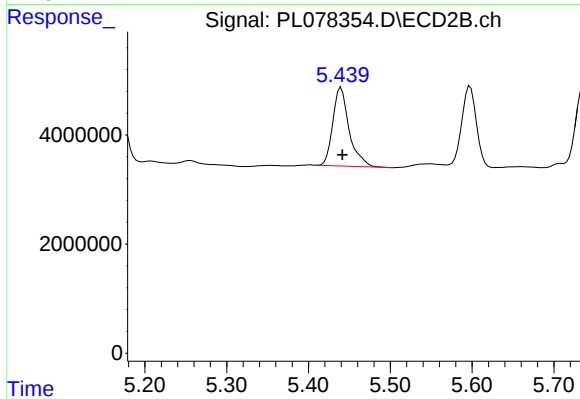
#13 Dieldrin

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 21718532
Conc: 7.41 ng/ml



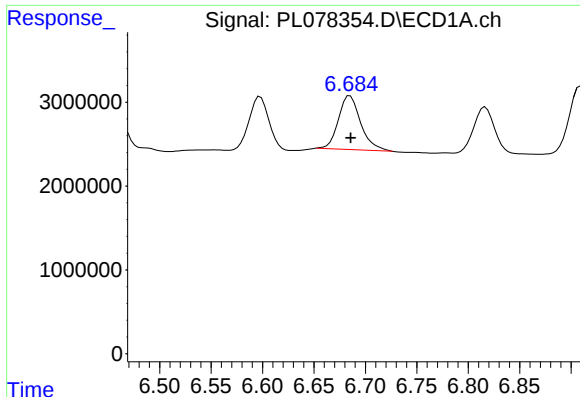
#14 Endrin

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 9164989
Conc: 6.14 ng/ml



#14 Endrin

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 19995998
Conc: 8.68 ng/ml



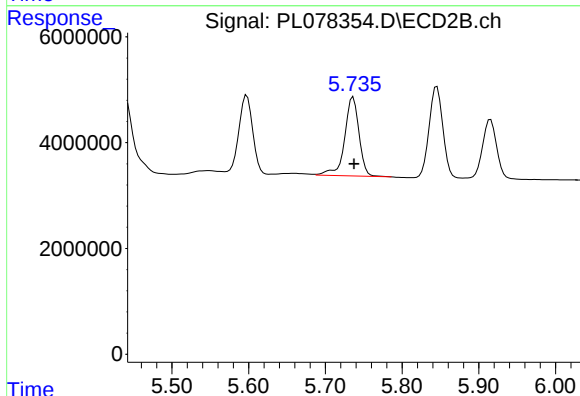
#15 Endosulfan II

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 9635298
Conc: 7.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

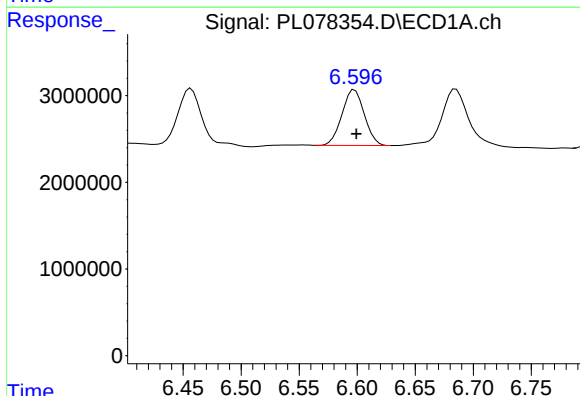
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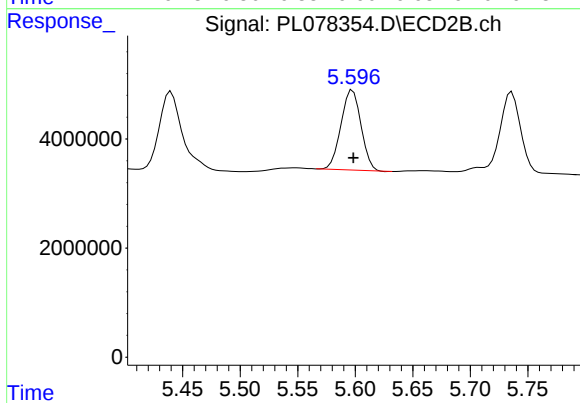
#15 Endosulfan II

R.T.: 5.736 min
Delta R.T.: -0.001 min
Response: 19498928
Conc: 7.97 ng/ml



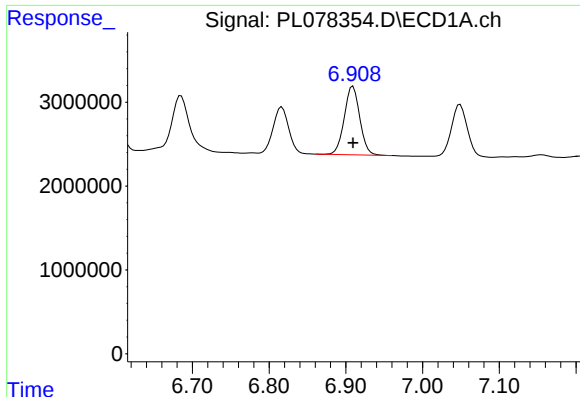
#16 4,4'-DDD

R.T.: 6.598 min
Delta R.T.: -0.001 min
Response: 8599912
Conc: 6.98 ng/ml



#16 4,4'-DDD

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 17885350
Conc: 8.03 ng/ml



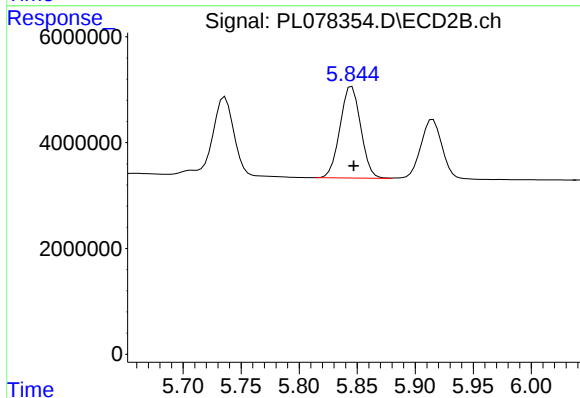
#17 4,4'-DDT

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 11540687
Conc: 7.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

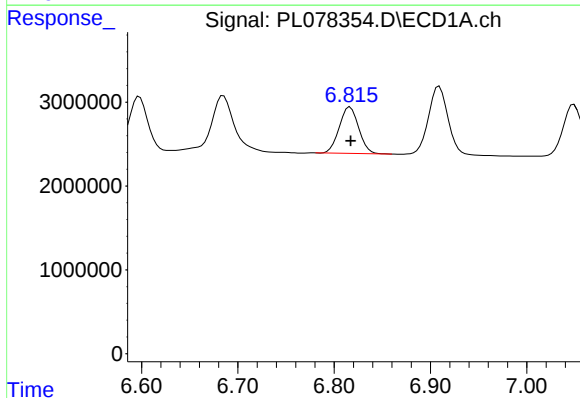
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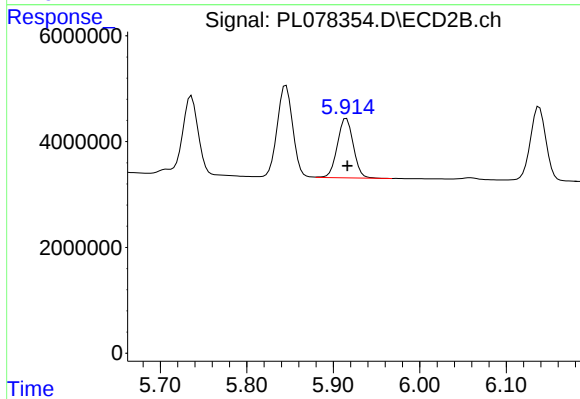
#17 4,4'-DDT

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 21554923
Conc: 9.50 ng/ml



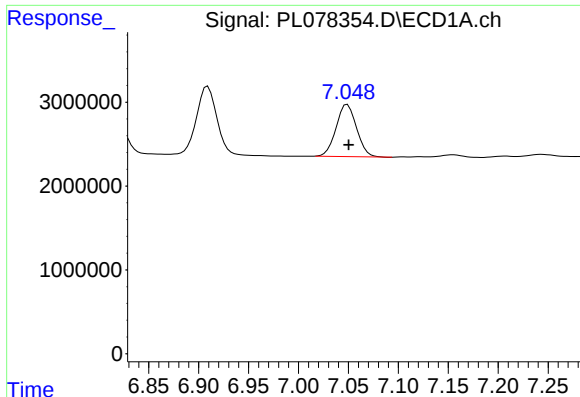
#18 Endrin aldehyde

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 7708199
Conc: 6.74 ng/ml



#18 Endrin aldehyde

R.T.: 5.915 min
Delta R.T.: -0.001 min
Response: 14340806
Conc: 7.75 ng/ml



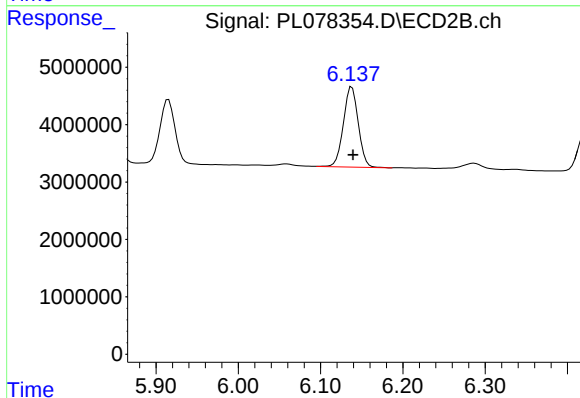
#19 Endosulfan Sulfate

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 8841083
Conc: 6.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

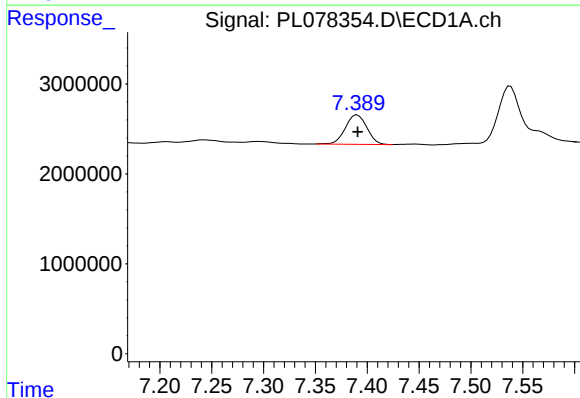
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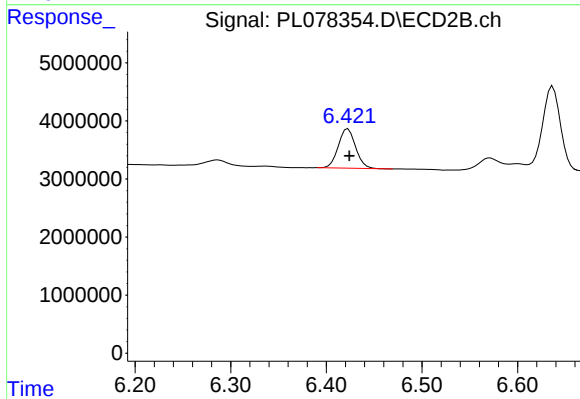
#19 Endosulfan Sulfate

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 17595266
Conc: 7.31 ng/ml



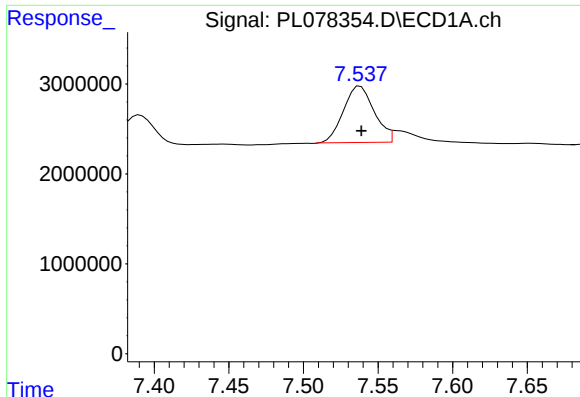
#20 Methoxychlor

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 4716517
Conc: 6.22 ng/ml



#20 Methoxychlor

R.T.: 6.423 min
Delta R.T.: -0.001 min
Response: 8539668
Conc: 6.76 ng/ml



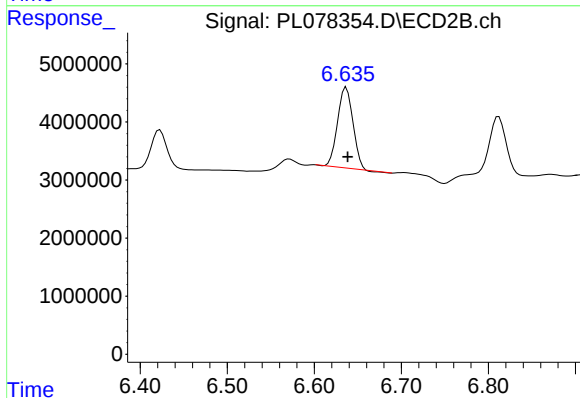
#21 Endrin ketone

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 9274606
Conc: 5.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

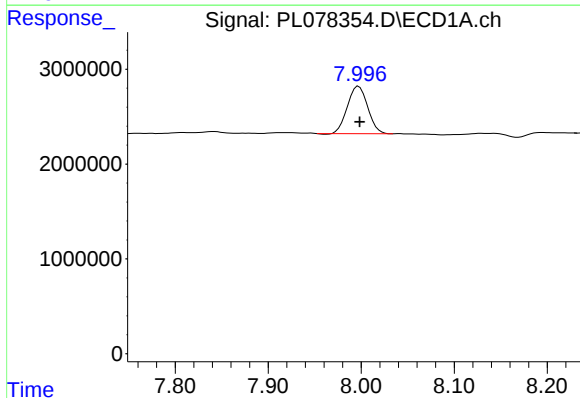
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Reviewed By :Abdul Mirza 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



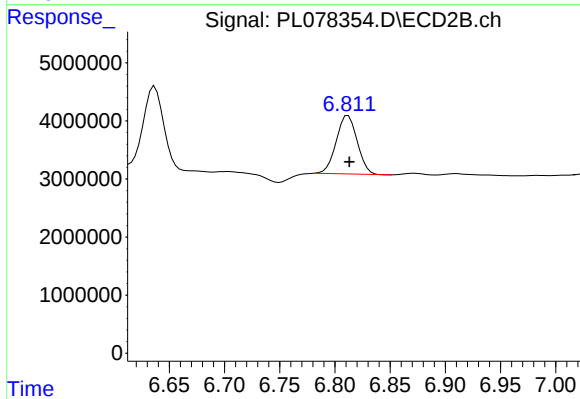
#21 Endrin ketone

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 16831334
Conc: 6.35 ng/ml



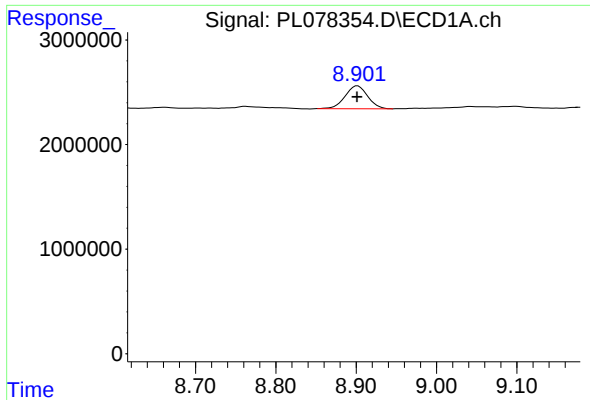
#22 Mirex

R.T.: 7.997 min
Delta R.T.: -0.001 min
Response: 7592747
Conc: 6.43 ng/ml



#22 Mirex

R.T.: 6.812 min
Delta R.T.: -0.001 min
Response: 13291531
Conc: 6.91 ng/ml



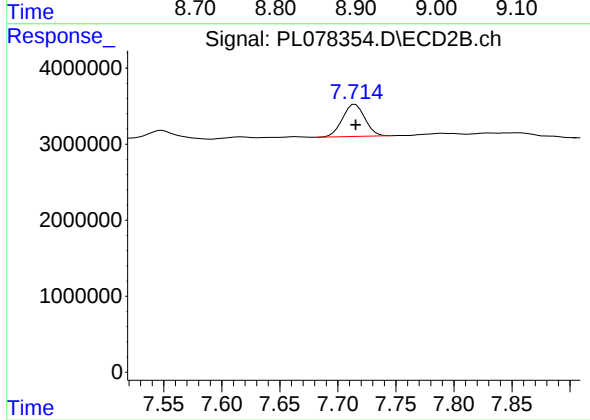
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: 0.000 min
Response: 4279916
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/14/2022



#28 Decachlorobiphenyl

R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 5709057
Conc: 2.63 ng/ml