

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 18:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/20/2023
 Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:50:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.423	2.679	219.2E6	90833153	58.243	53.962
28)	SA Decachlor...	8.984	7.872	185.5E6	88923066	54.398	52.650
Target Compounds							
2)	A alpha-BHC	3.879	3.184	323.5E6	135.2E6	59.751	55.023
3)	MA gamma-BHC...	4.213	3.515	306.7E6	130.5E6	58.363	53.874
4)	MA Heptachlor	4.807	3.857	300.9E6	127.7E6	56.498	53.416
5)	MB Aldrin	5.149	4.138	293.6E6	125.4E6	56.386	52.294
6)	B beta-BHC	4.413	3.816	127.1E6	53855759	55.328	51.735
7)	B delta-BHC	4.658	4.046	296.5E6	129.6E6	56.692m	52.961
8)	B Heptachlo...	5.581	4.646	253.9E6	112.6E6	53.880	50.602
9)	A Endosulfan I	5.966	5.017	225.5E6	104.9E6	50.489	48.550
10)	B gamma-Chl...	5.838	4.900	252.1E6	115.9E6	52.002	50.662
11)	B alpha-Chl...	5.919	4.964	244.9E6	114.5E6	50.949	49.624
12)	B 4,4'-DDE	6.100	5.162	204.7E6	100.4E6	49.392	50.586
13)	MA Dieldrin	6.245	5.285	230.2E6	112.1E6	49.613	50.331
14)	MA Endrin	6.474	5.560	195.1E6	97702958	50.708	48.958
15)	B Endosulfa...	6.696	5.858	202.5E6	94114551	50.487	48.338
16)	A 4,4'-DDD	6.620	5.721	173.9E6	84020123	52.611	50.745
17)	MA 4,4'-DDT	6.938	5.974	193.2E6	90061963	51.376	48.832
18)	B Endrin al...	6.828	6.040	152.2E6	71739888	52.506	48.882
19)	B Endosulfa...	7.064	6.265	200.6E6	91270072	51.080	48.449
20)	A Methoxychlor	7.422	6.560	99019883	49206482	50.781	48.176
21)	B Endrin ke...	7.550	6.771	210.7E6	105.1E6	51.803	49.365
22)	Mirex	8.028	6.953	172.6E6	84089697	51.261	47.265

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 18:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

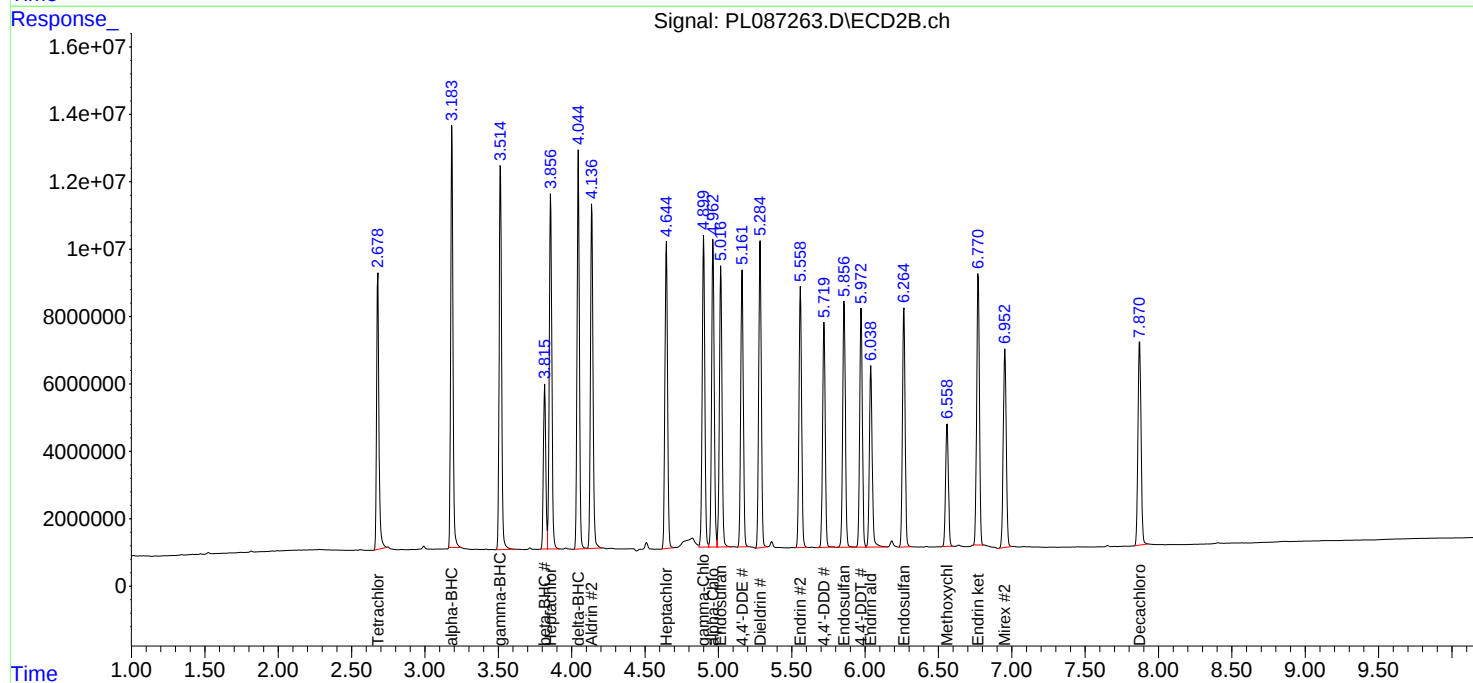
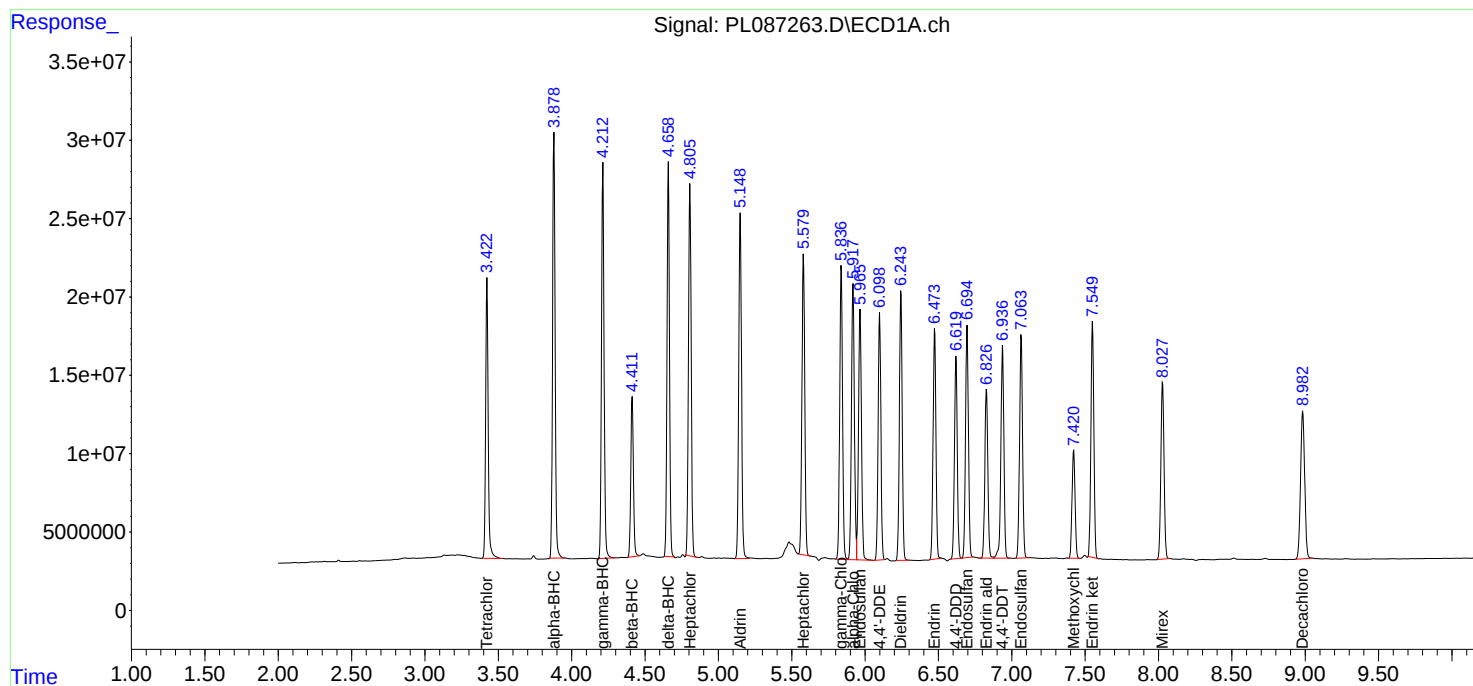
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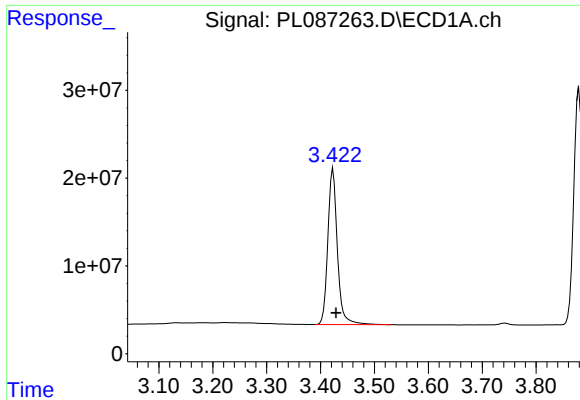
Reviewed By :Abdul Mirza 12/20/2023

Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:50:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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





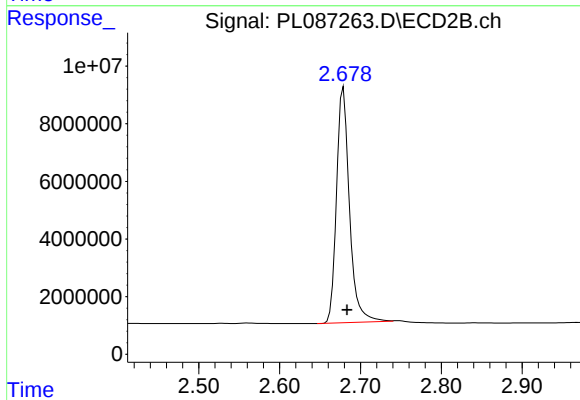
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 219191951
Conc: 58.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

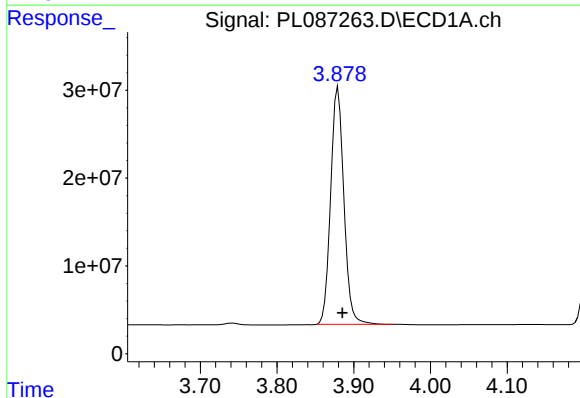
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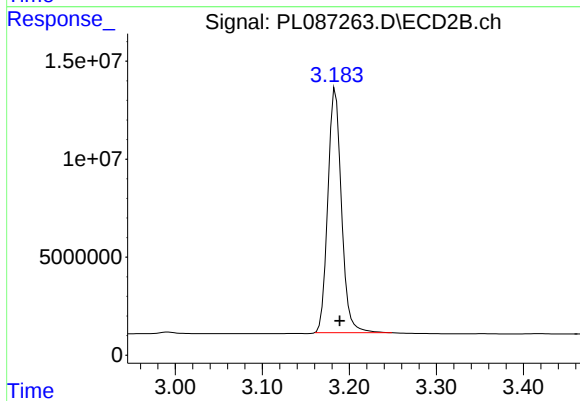
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.004 min
Response: 90833153
Conc: 53.96 ng/ml



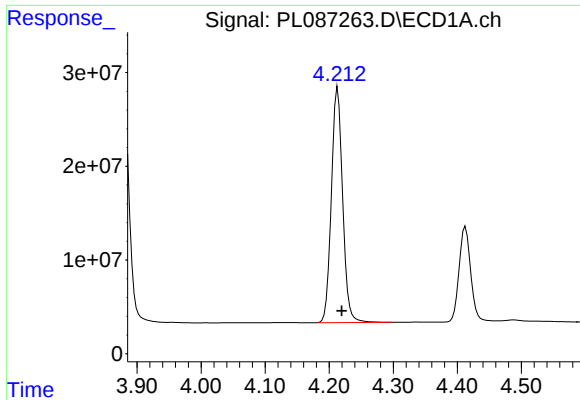
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 323500387
Conc: 59.75 ng/ml



#2 alpha-BHC

R.T.: 3.184 min
Delta R.T.: -0.005 min
Response: 135225012
Conc: 55.02 ng/ml



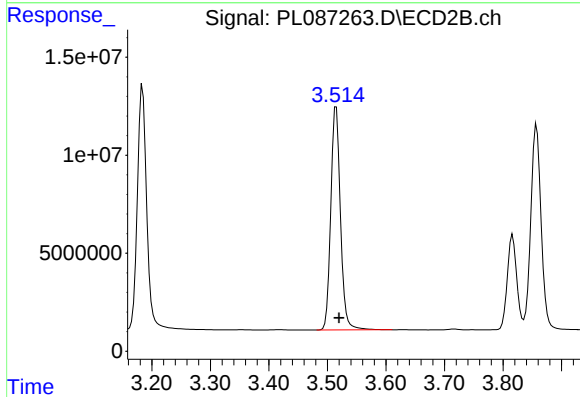
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.006 min
Response: 306736272
Conc: 58.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

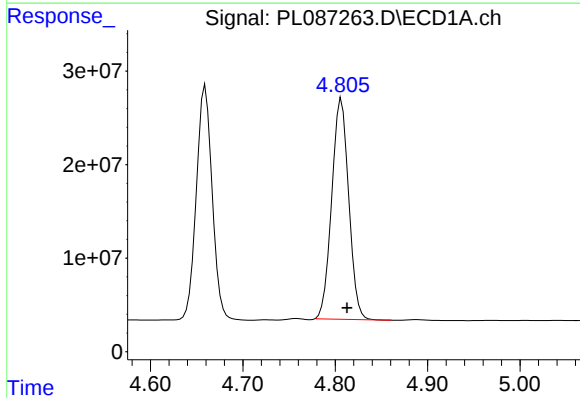
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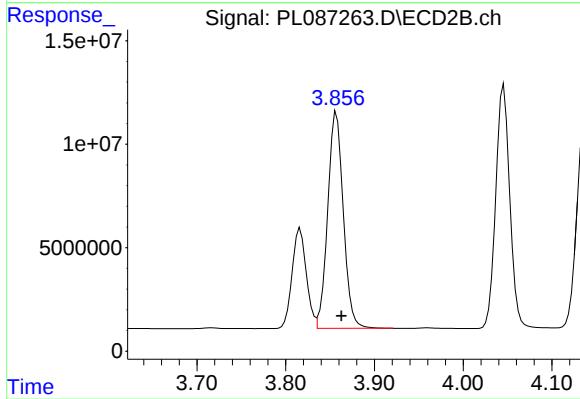
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.005 min
Response: 130504164
Conc: 53.87 ng/ml



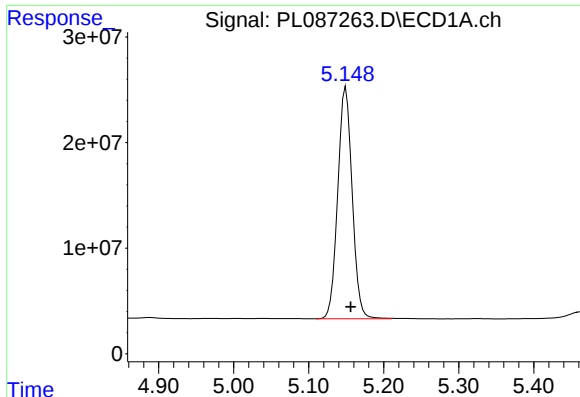
#4 Heptachlor

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 300941187
Conc: 56.50 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 127679992
Conc: 53.42 ng/ml



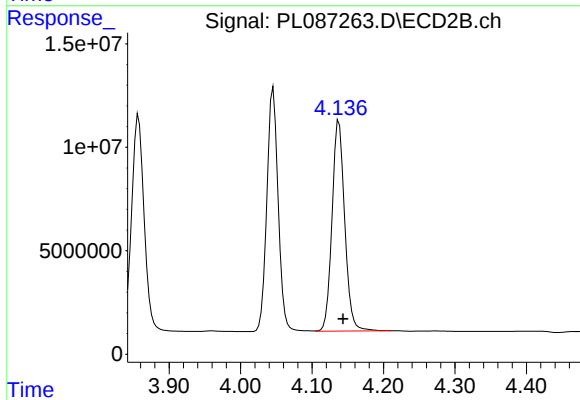
#5 Aldrin

R.T.: 5.149 min
Delta R.T.: -0.007 min
Response: 293566983
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

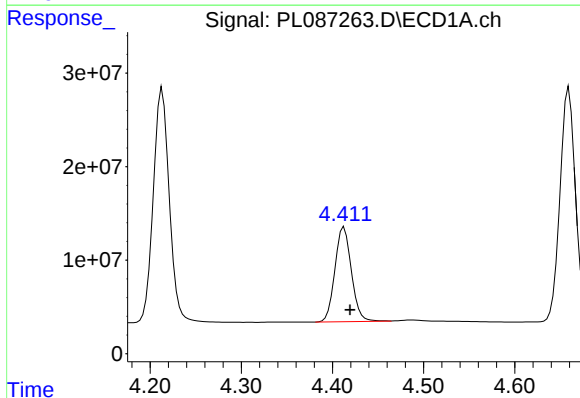
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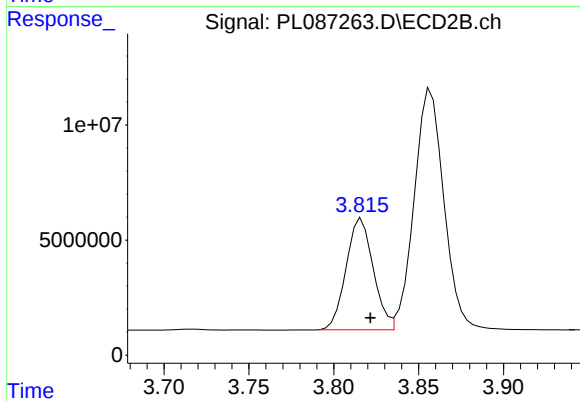
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.006 min
Response: 125387231
Conc: 52.29 ng/ml



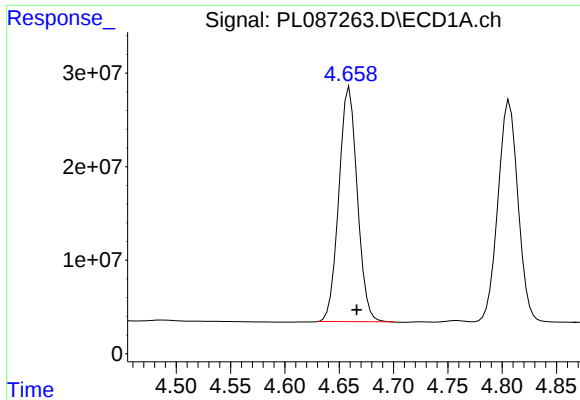
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.007 min
Response: 127076008
Conc: 55.33 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: -0.005 min
Response: 53855759
Conc: 51.74 ng/ml



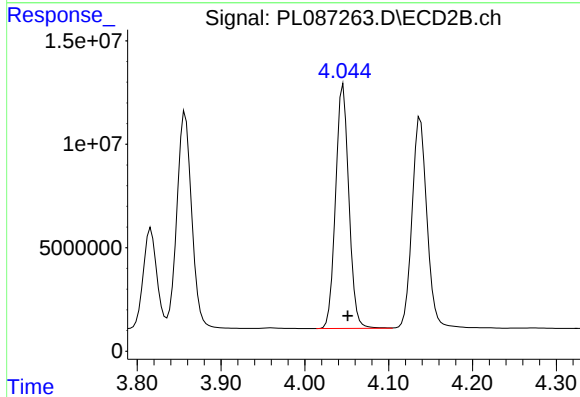
#7 delta-BHC

R.T.: 4.658 min
Delta R.T.: -0.008 min
Response: 296465581
Conc: 56.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

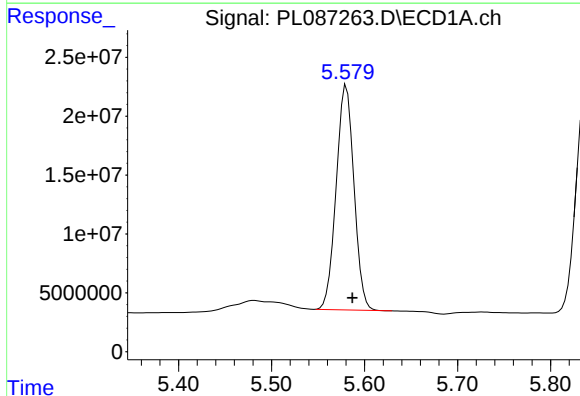
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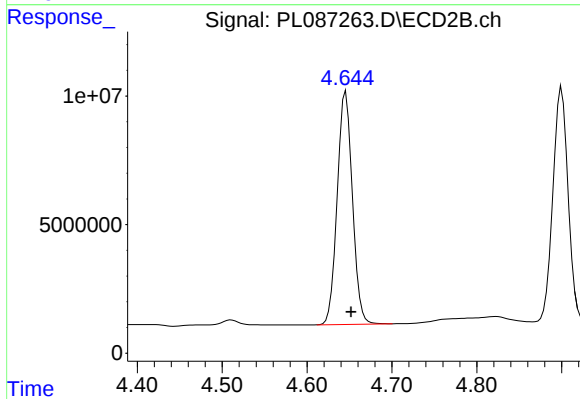
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 129554699
Conc: 52.96 ng/ml



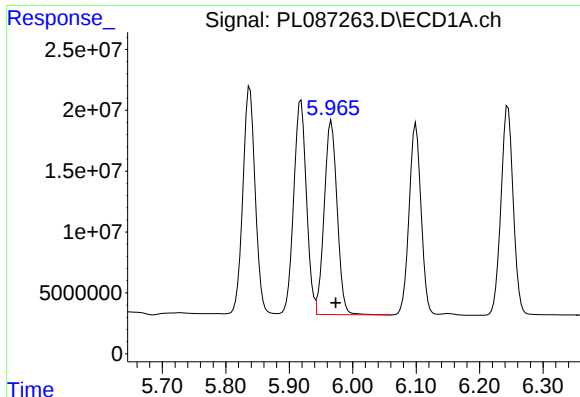
#8 Heptachlor epoxide

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 253928613
Conc: 53.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 112605150
Conc: 50.60 ng/ml



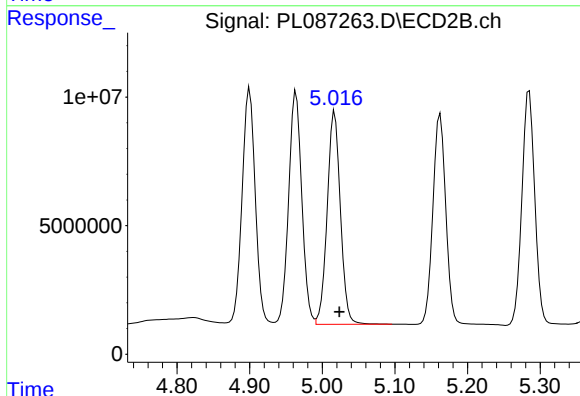
#9 Endosulfan I

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 225499237
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

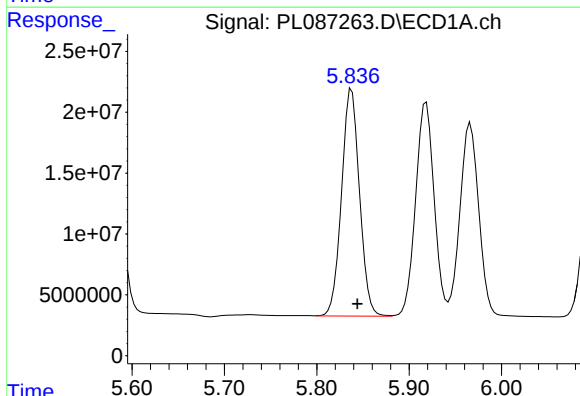
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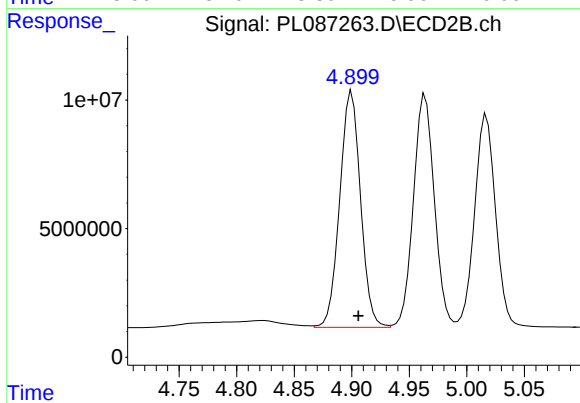
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 104923845
Conc: 48.55 ng/ml



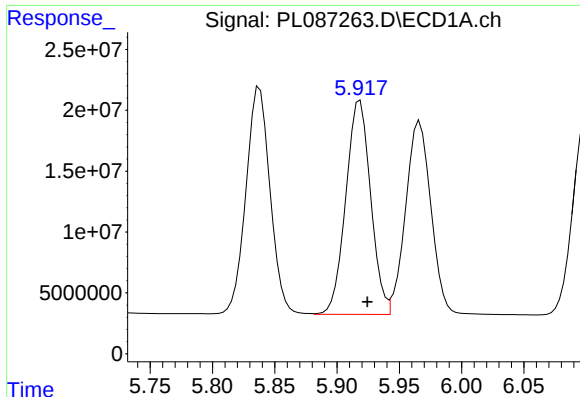
#10 gamma-Chlordane

R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 252105575
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 115881516
Conc: 50.66 ng/ml



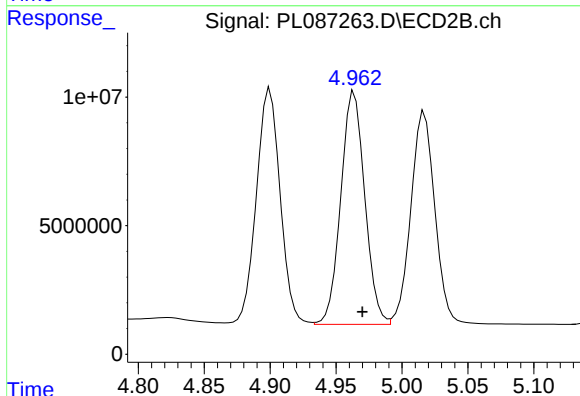
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.006 min
Response: 244869594
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

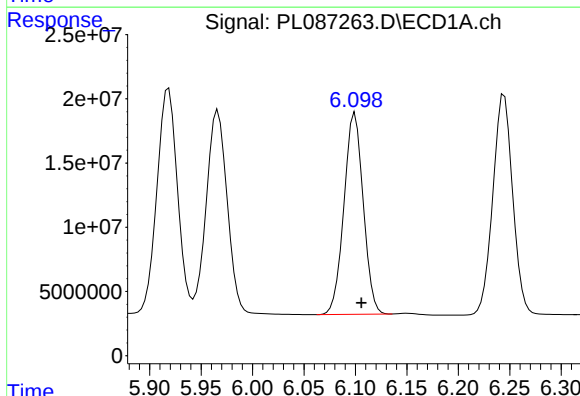
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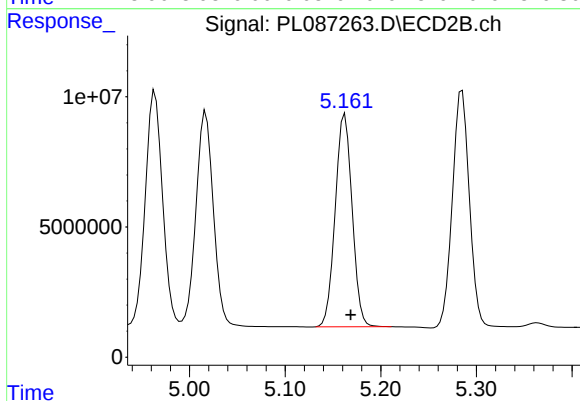
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.006 min
Response: 114533374
Conc: 49.62 ng/ml



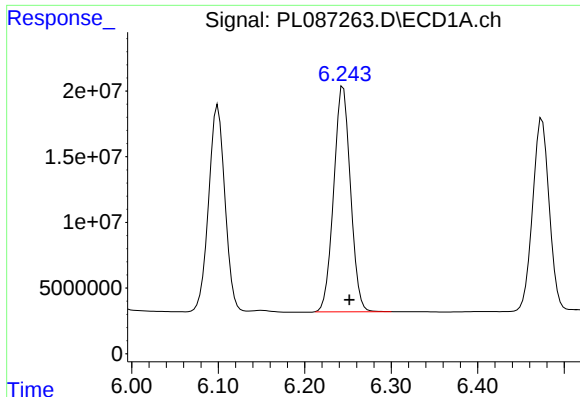
#12 4,4'-DDE

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 204681285
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 5.162 min
Delta R.T.: -0.006 min
Response: 100440243
Conc: 50.59 ng/ml



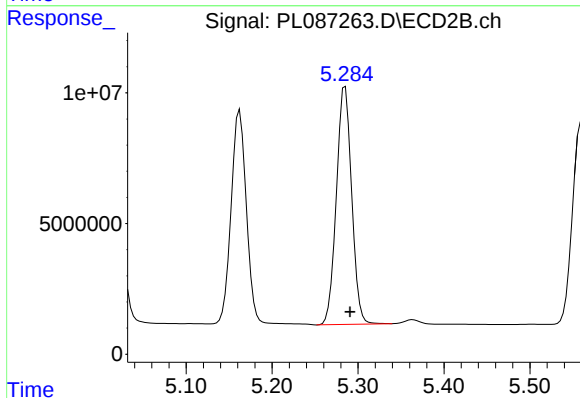
#13 Dieldrin

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 230247448
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

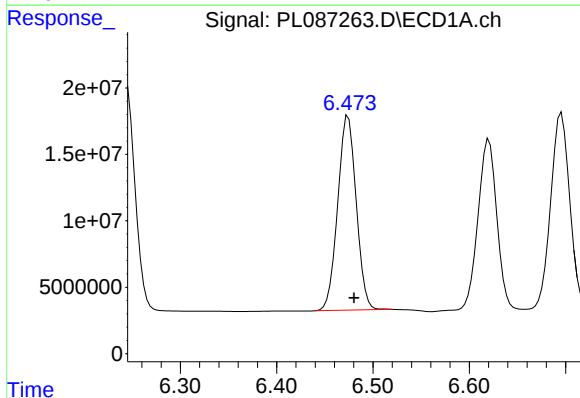
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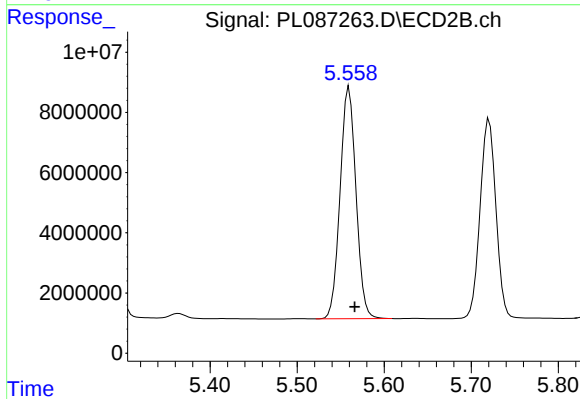
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.006 min
Response: 112125066
Conc: 50.33 ng/ml



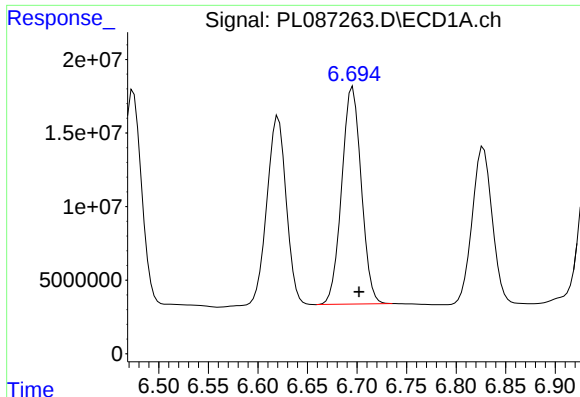
#14 Endrin

R.T.: 6.474 min
Delta R.T.: -0.006 min
Response: 195090888
Conc: 50.71 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 97702958
Conc: 48.96 ng/ml



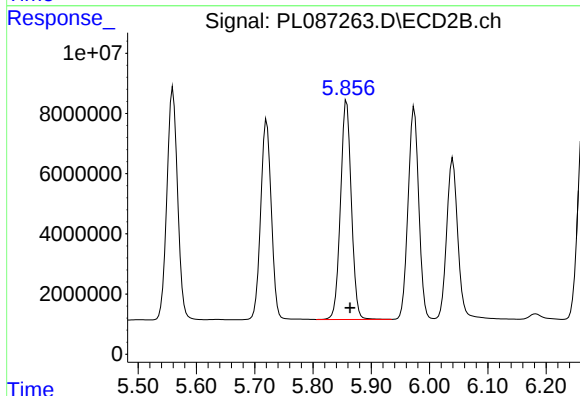
#15 Endosulfan II

R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 202474291
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

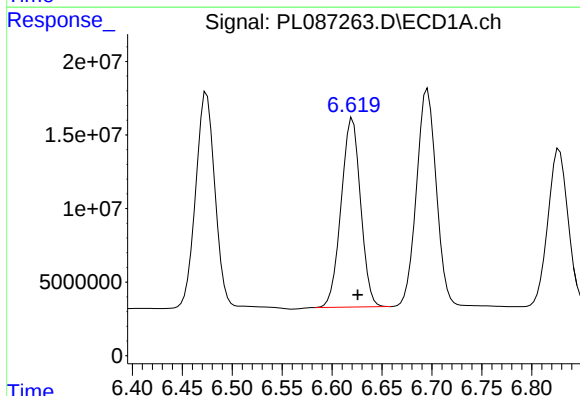
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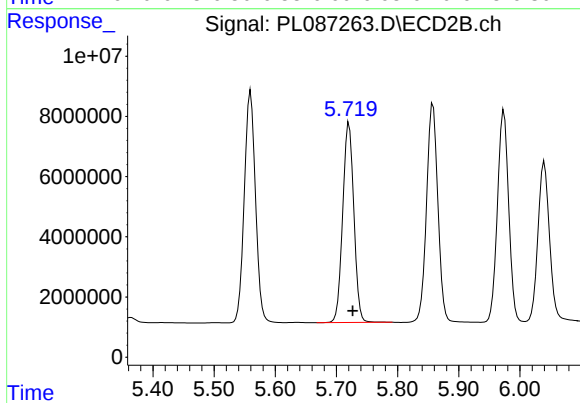
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 94114551
Conc: 48.34 ng/ml



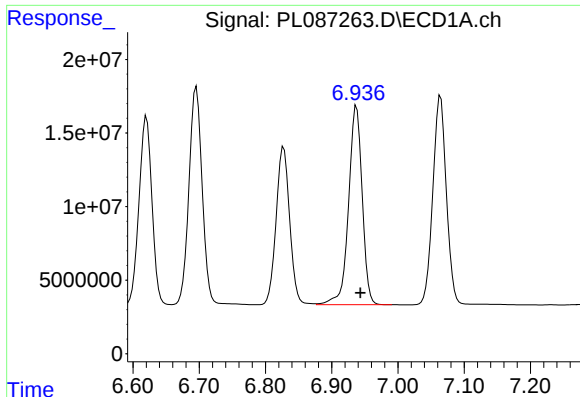
#16 4,4'-DDD

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 173886238
Conc: 52.61 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.006 min
Response: 84020123
Conc: 50.74 ng/ml



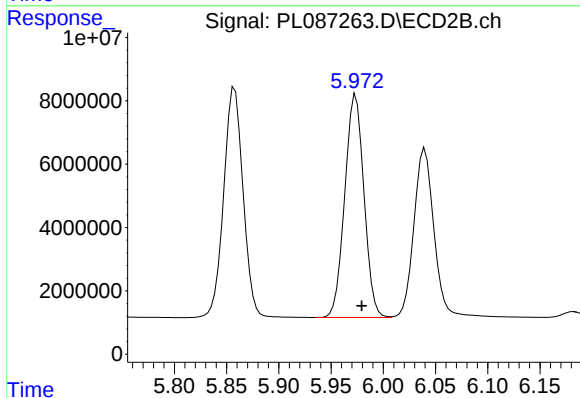
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: -0.006 min
Response: 193184089
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

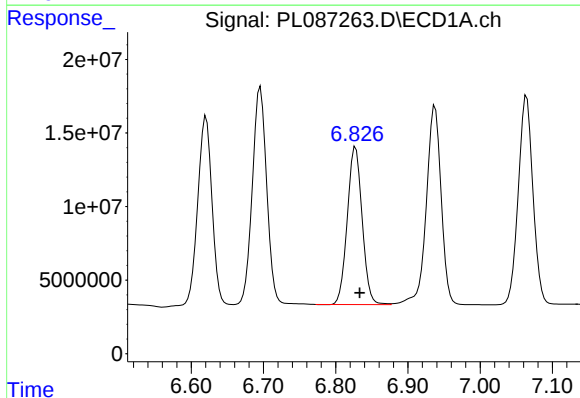
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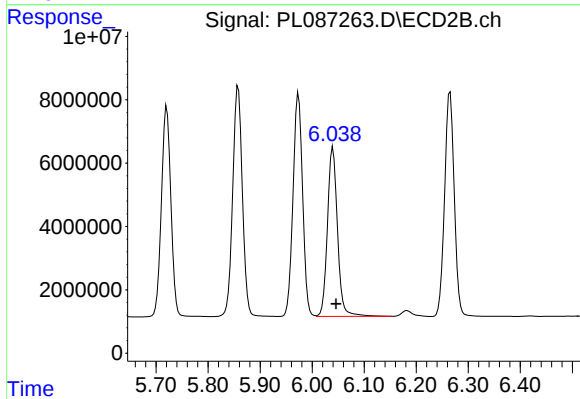
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.006 min
Response: 90061963
Conc: 48.83 ng/ml



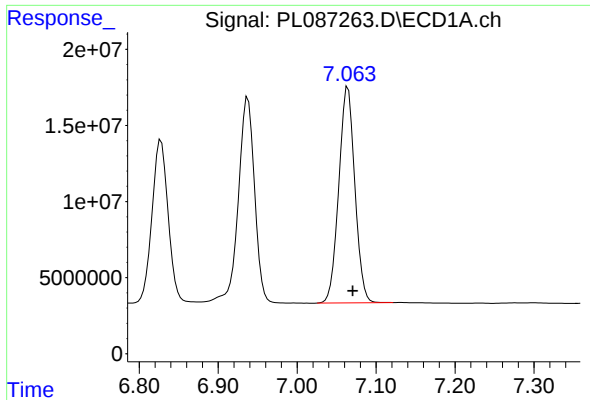
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 152180695
Conc: 52.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.006 min
Response: 71739888
Conc: 48.88 ng/ml



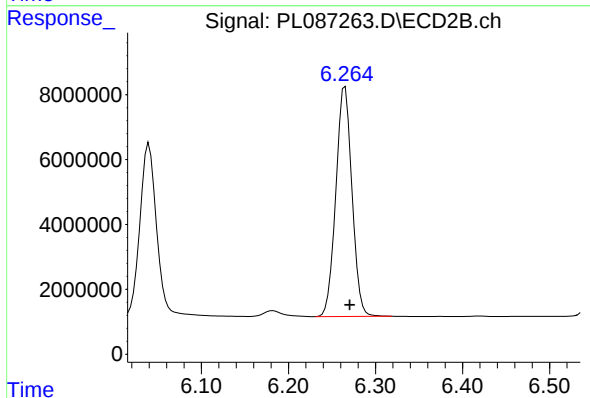
#19 Endosulfan Sulfate

R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 200582081
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

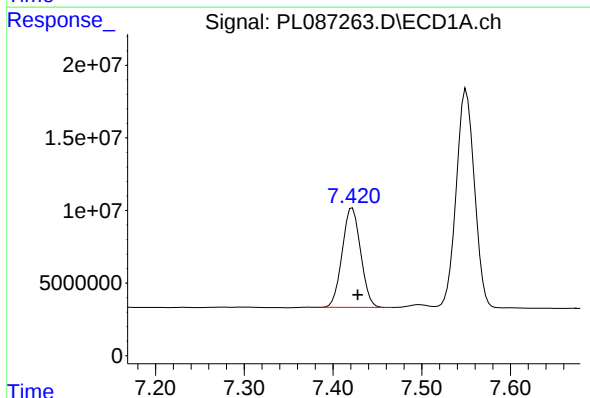
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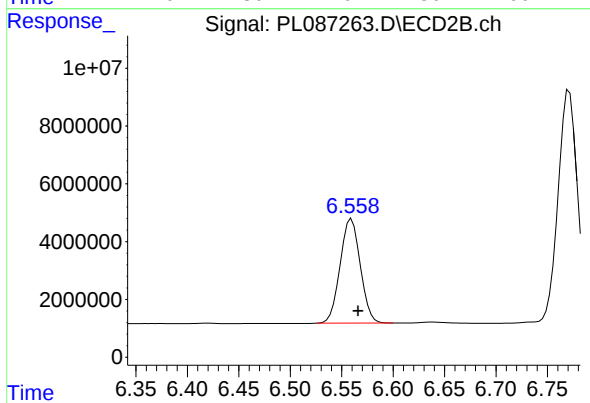
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: -0.005 min
Response: 91270072
Conc: 48.45 ng/ml



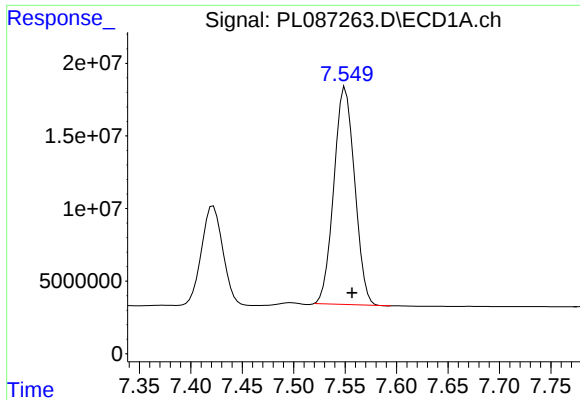
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 99019883
Conc: 50.78 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 49206482
Conc: 48.18 ng/ml



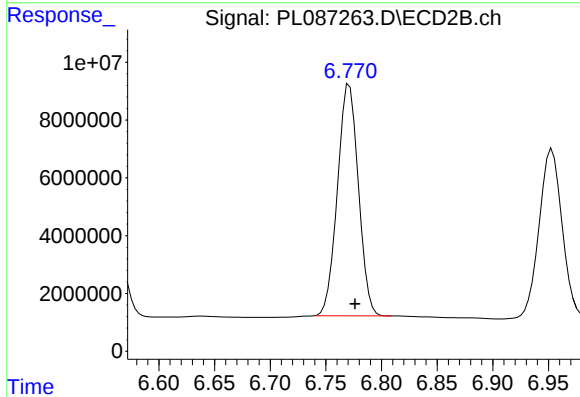
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: -0.006 min
Response: 210749156
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

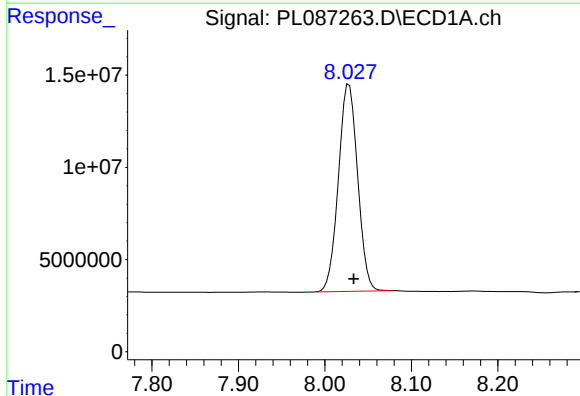
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023



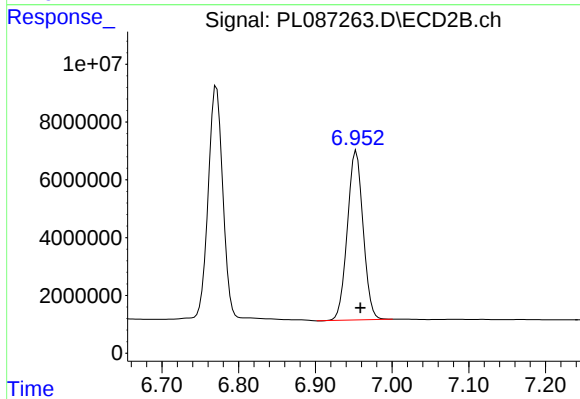
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 105082118
Conc: 49.36 ng/ml



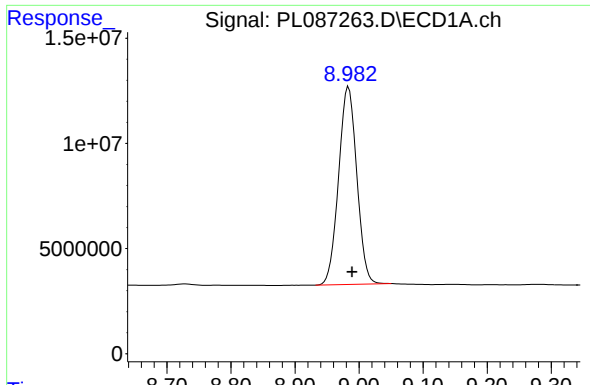
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.006 min
Response: 172648322
Conc: 51.26 ng/ml



#22 Mirex

R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 84089697
Conc: 47.26 ng/ml



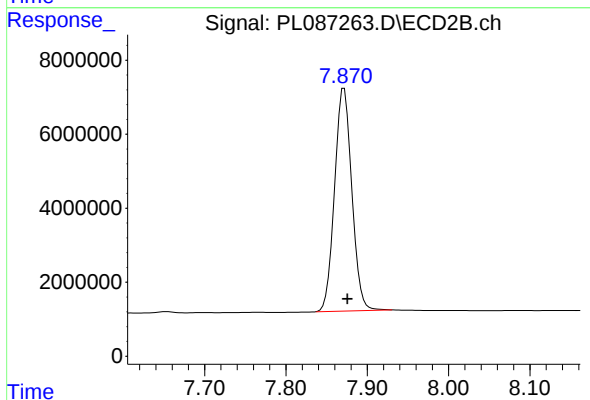
#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: -0.006 min
Response: 185492640
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: -0.004 min
Response: 88923066
Conc: 52.65 ng/ml