

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101724\
 Data File : PL092446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2024 16:44
 Operator : AR\AJ
 Sample : PB164207BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164207BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/18/2024
 Supervised By : Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 03:45:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.541	2.780	45045939	49634116	20.248	19.790
28)	SA Decachlor...	9.057	7.919	34000366	46633137	20.754	18.639
Target Compounds							
2)	A alpha-BHC	3.997	3.283	148.8E6	189.5E6	48.043	52.024
3)	MA gamma-BHC...	4.330	3.612	140.7E6	178.0E6	45.407	50.407
4)	MA Heptachlor	4.918	3.951	129.1E6	173.2E6	46.686	50.180
5)	MB Aldrin	5.260	4.231	125.6E6	175.2E6	45.212	51.518
6)	B beta-BHC	4.527	3.912	64374702	78308139	48.534	52.098
7)	B delta-BHC	4.774	4.141	130.7E6	173.5E6	45.313	49.979
8)	B Heptachlo...	5.686	4.734	120.8E6	157.2E6	47.479	52.013
9)	A Endosulfan I	6.071	5.104	109.2E6	141.2E6	47.202	51.457
10)	B gamma-Chl...	5.941	4.984	116.7E6	161.2E6	47.218m	53.589
11)	B alpha-Chl...	6.021	5.048	118.5E6	157.5E6	48.091	52.624
12)	B 4,4'-DDE	6.194	5.237	103.1E6	155.1E6	47.642	55.814
13)	MA Dieldrin	6.347	5.368	114.4E6	154.8E6	46.909	52.794
14)	MA Endrin	6.576	5.644	91824012	132.7E6	44.560	50.605
15)	B Endosulfa...	6.796	5.939	99780657	129.0E6	45.360	51.544
16)	A 4,4'-DDD	6.710	5.791	88135348	116.6E6	49.081m	54.603
17)	MA 4,4'-DDT	7.025	6.042	85395341	108.5E6	46.380	46.901
18)	B Endrin al...	6.926	6.117	79615676	100.2E6	45.684	49.076
19)	B Endosulfa...	7.160	6.341	91797330	120.9E6	46.309	50.096
20)	A Methoxychlor	7.501	6.617	44969080	57612725	45.807	46.077
21)	B Endrin ke...	7.646	6.846	101.9E6	133.5E6	46.370	48.203
22)	Mirex	8.119	7.027	78438738	105.0E6	43.553	43.159

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101724\
Data File : PL092446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2024 16:44
Operator : AR\AJ
Sample : PB164207BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

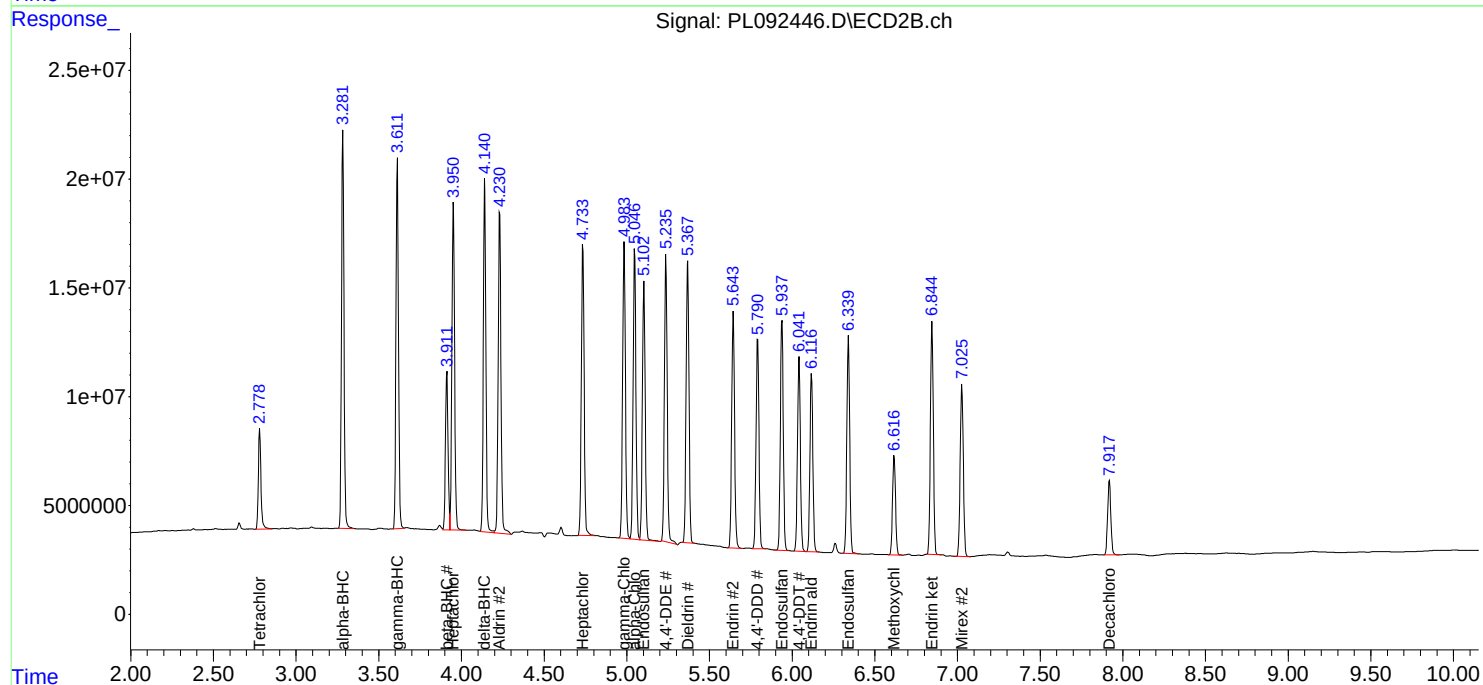
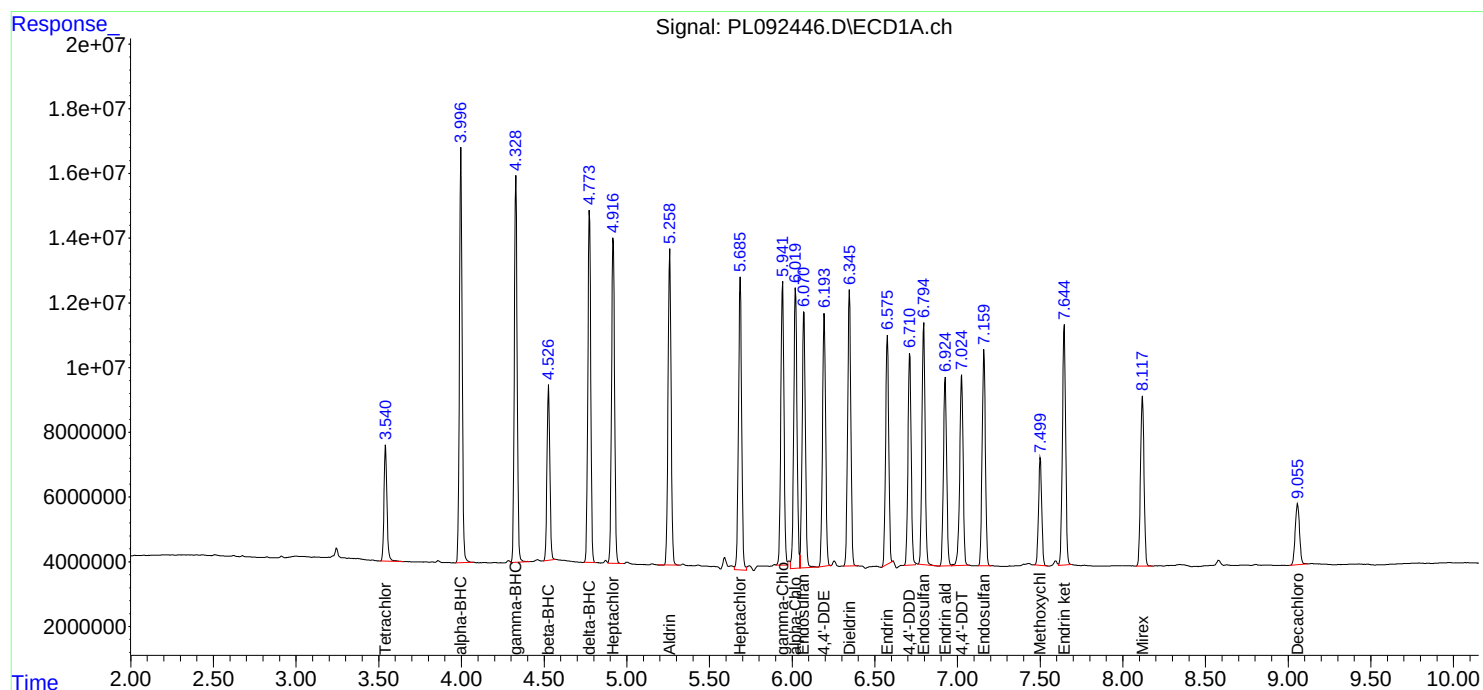
Instrument :
ECD_L
ClientSampleId :
PB164207BS

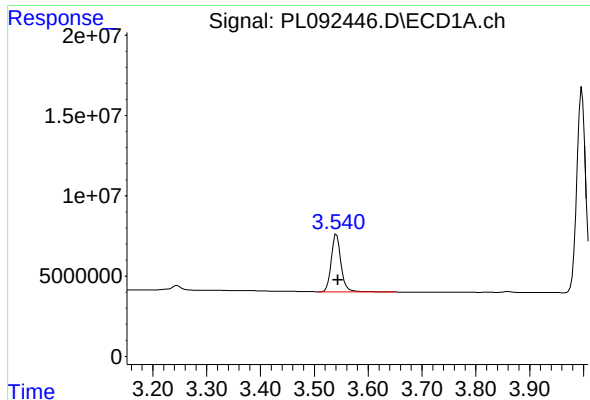
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 03:45:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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





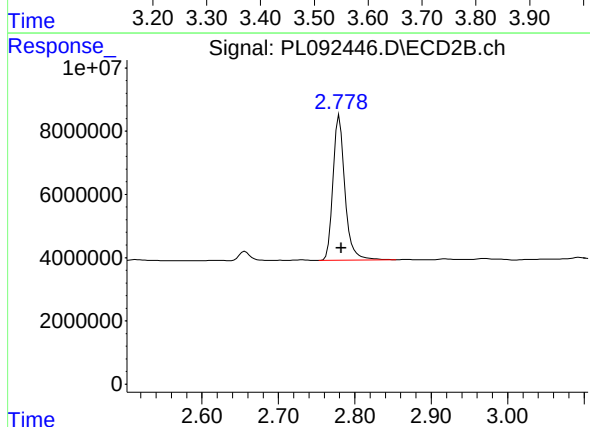
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 45045939
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

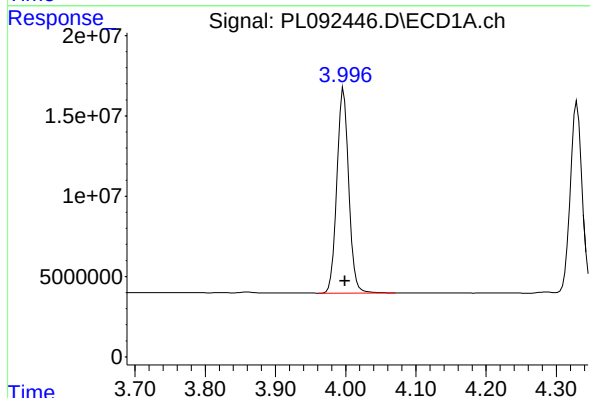
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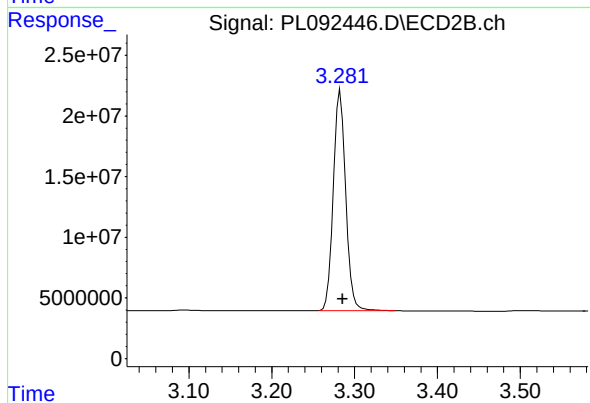
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 49634116
Conc: 19.79 ng/ml



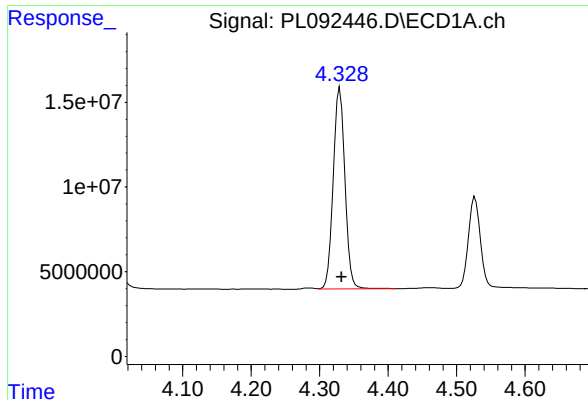
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 148767348
Conc: 48.04 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 189539587
Conc: 52.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 140706227
Conc: 45.41 ng/ml

Instrument :

ECD_L

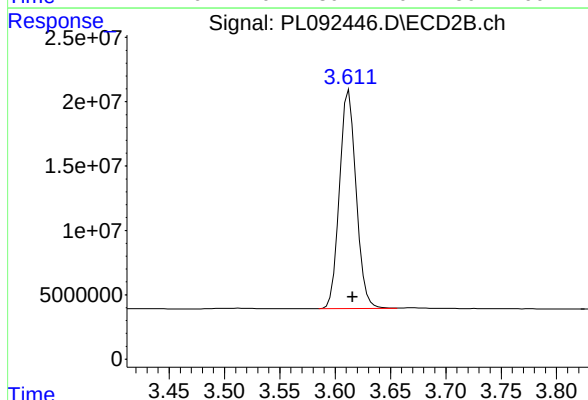
ClientSampleId :

PB164207BS

Manual Integrations

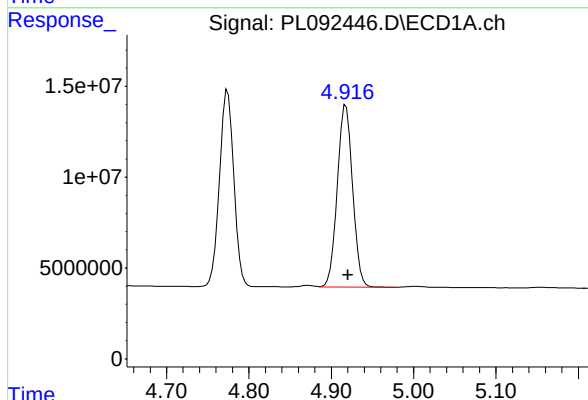
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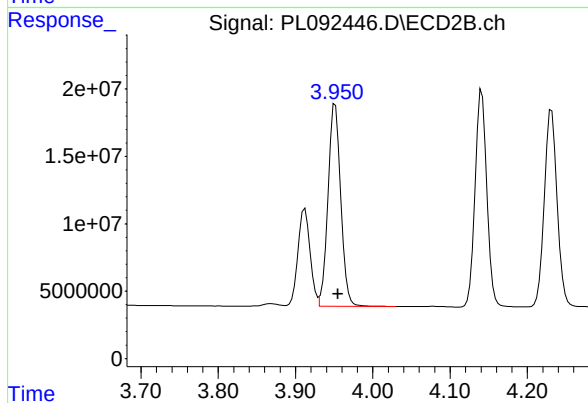
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: -0.003 min
Response: 177986942
Conc: 50.41 ng/ml



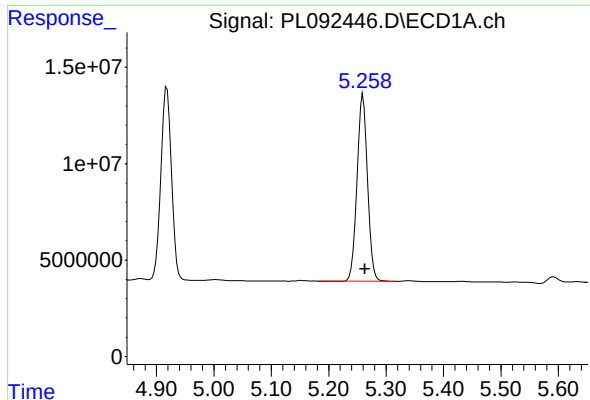
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 129108538
Conc: 46.69 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 173152272
Conc: 50.18 ng/ml



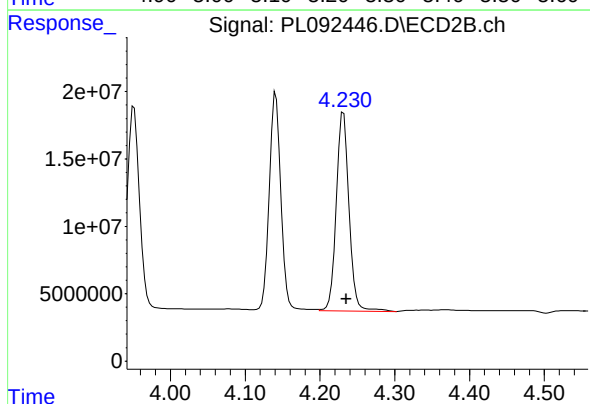
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 125579792
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

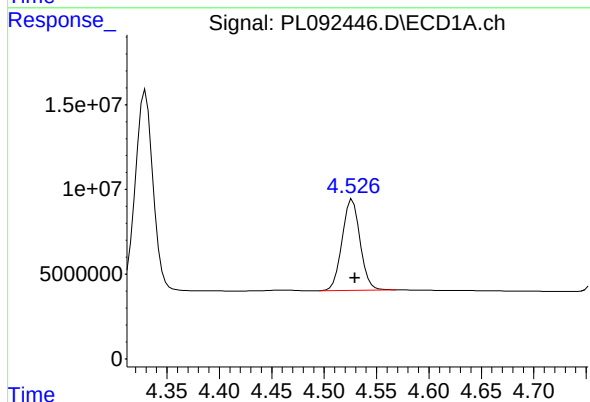
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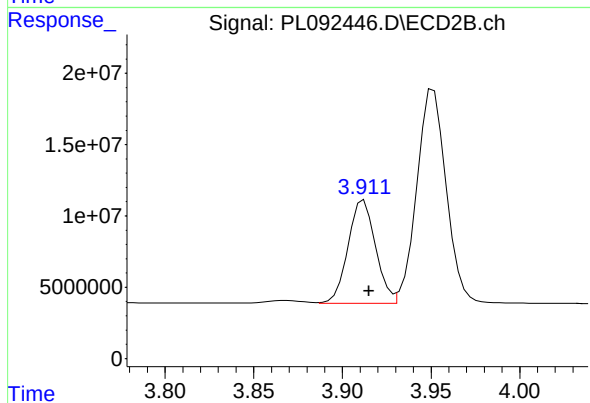
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 175216410
Conc: 51.52 ng/ml



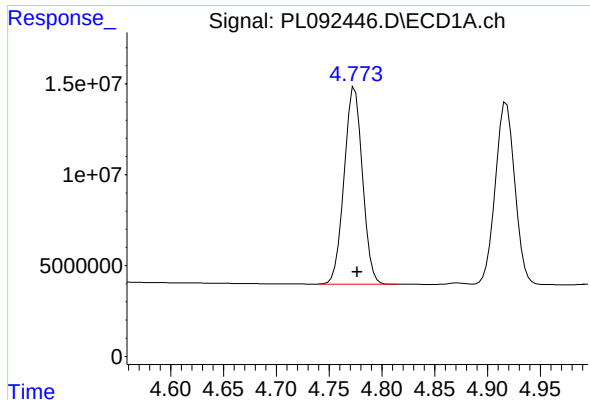
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 64374702
Conc: 48.53 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 78308139
Conc: 52.10 ng/ml



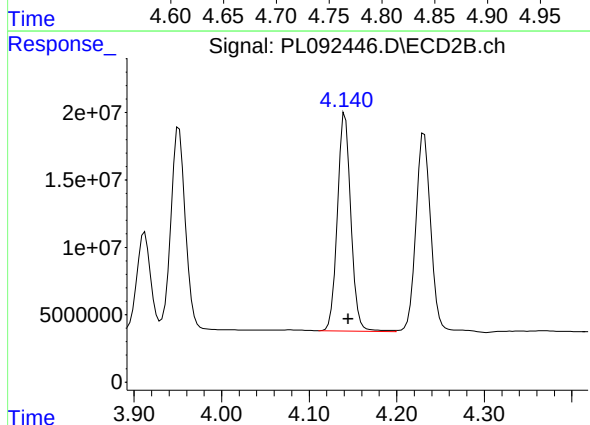
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 130693149
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

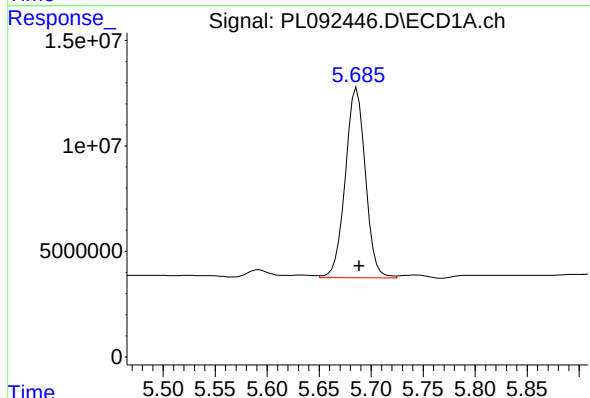
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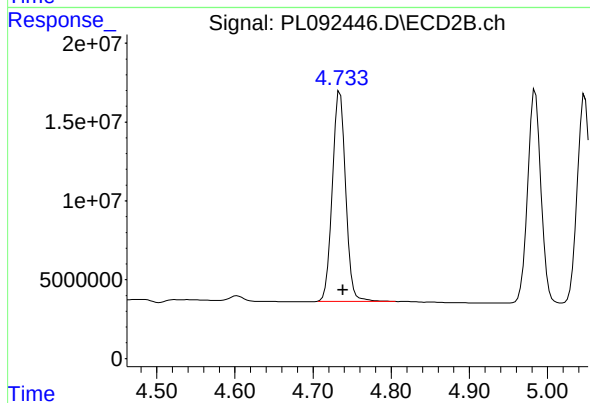
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 173512674
Conc: 49.98 ng/ml



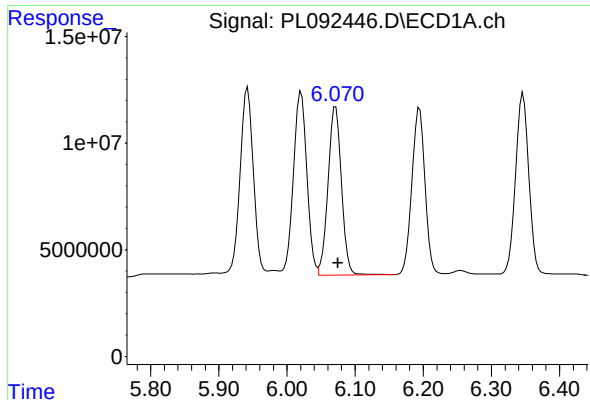
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 120834403
Conc: 47.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 157228169
Conc: 52.01 ng/ml



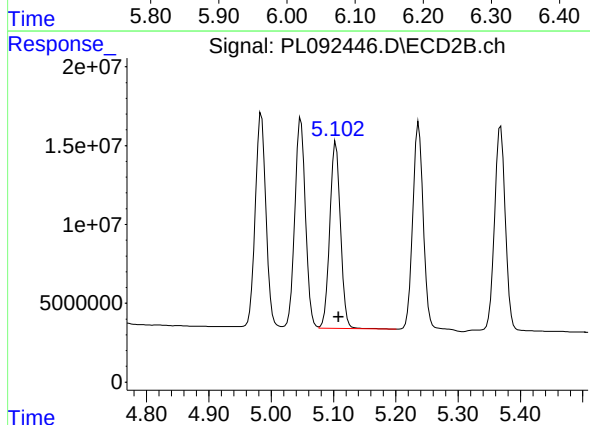
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 109196942
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

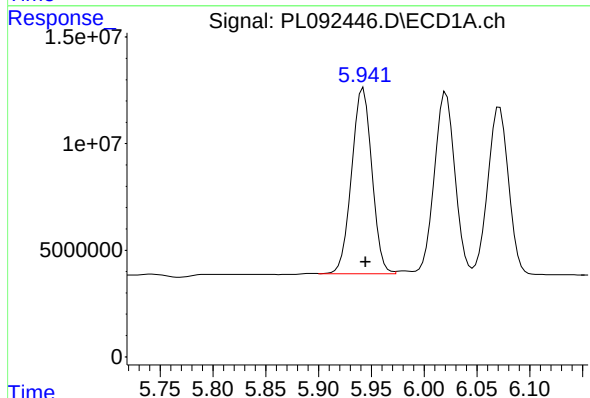
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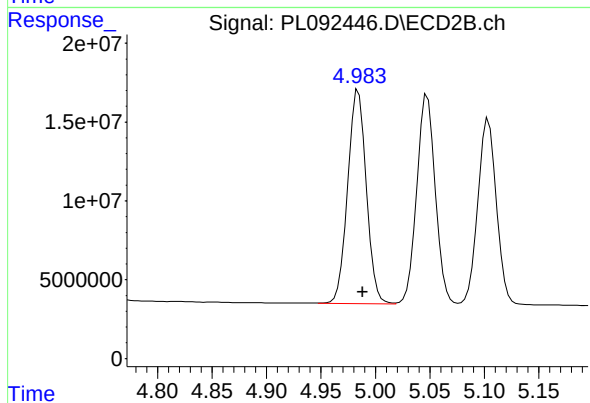
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: -0.004 min
Response: 141231982
Conc: 51.46 ng/ml



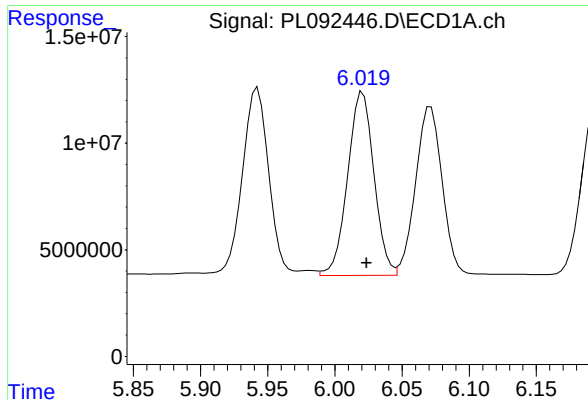
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 116685716
Conc: 47.22 ng/ml m



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 161227891
Conc: 53.59 ng/ml



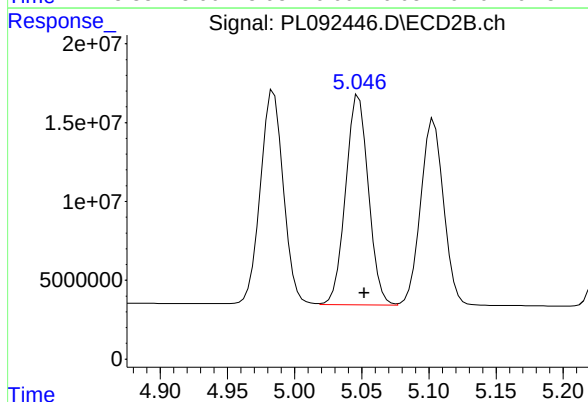
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 118464338
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

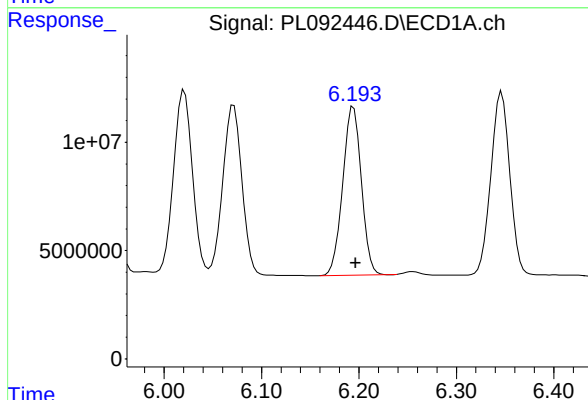
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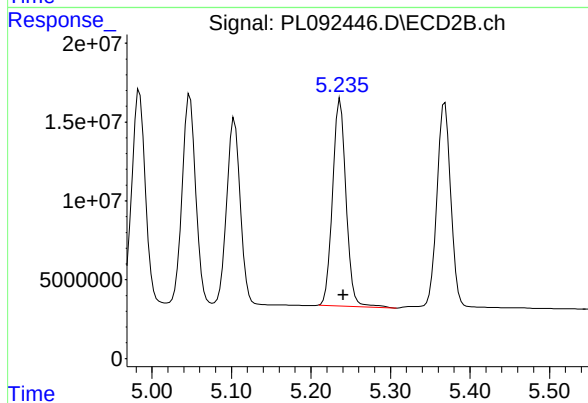
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.004 min
Response: 157532400
Conc: 52.62 ng/ml



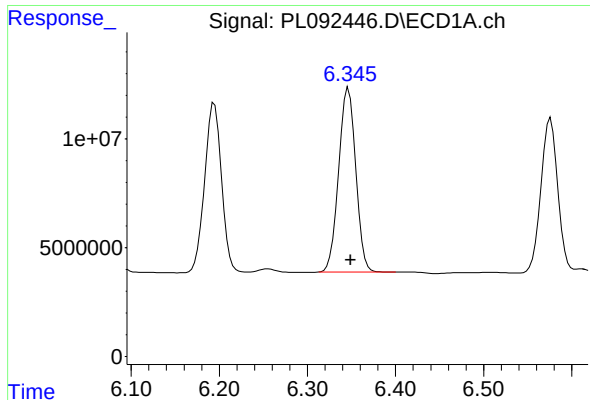
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 103118565
Conc: 47.64 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 155099624
Conc: 55.81 ng/ml



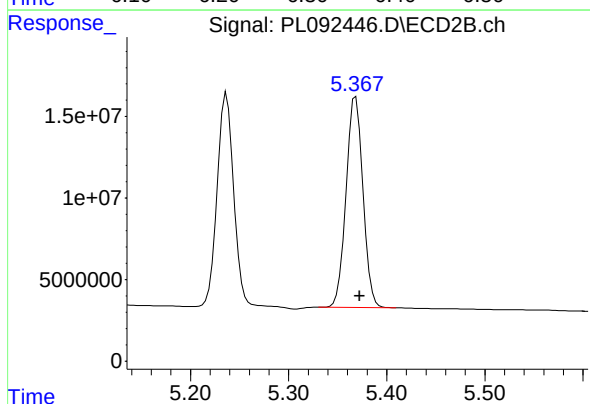
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 114404820
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

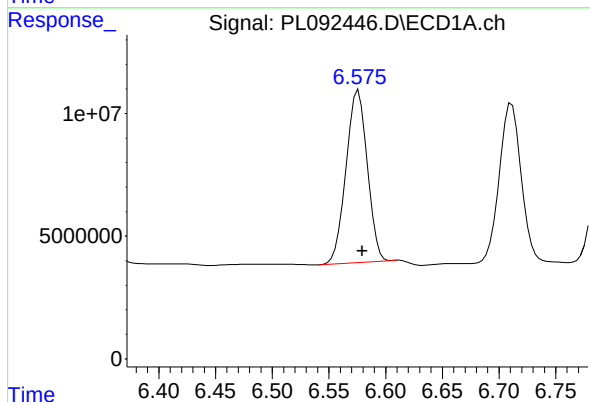
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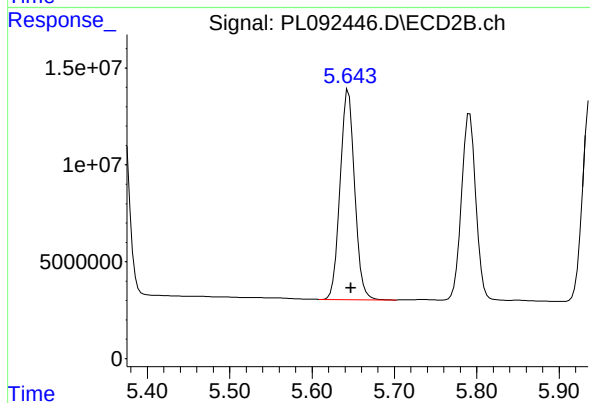
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 154783374
Conc: 52.79 ng/ml



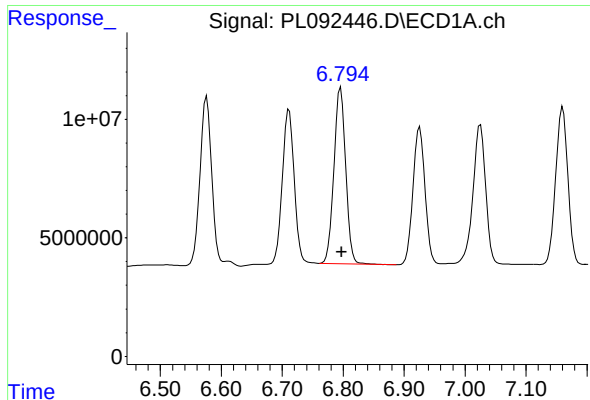
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 91824012
Conc: 44.56 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 132695444
Conc: 50.60 ng/ml



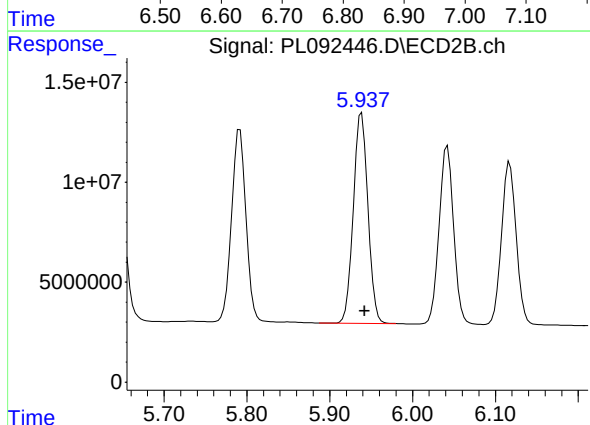
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 99780657
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

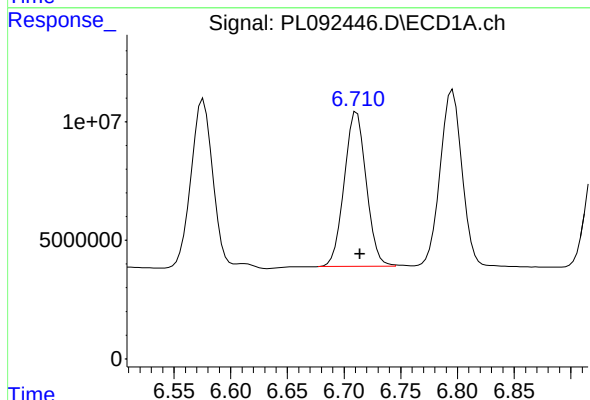
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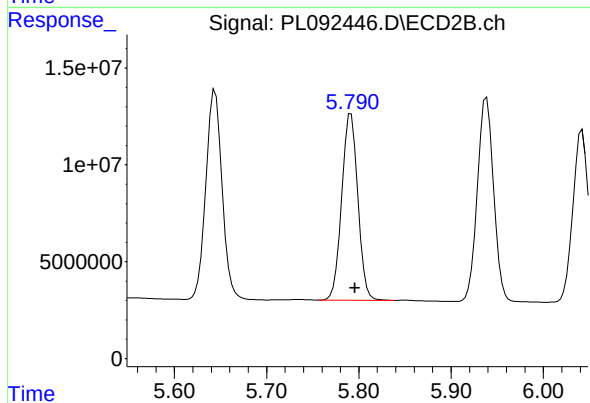
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 128985134
Conc: 51.54 ng/ml



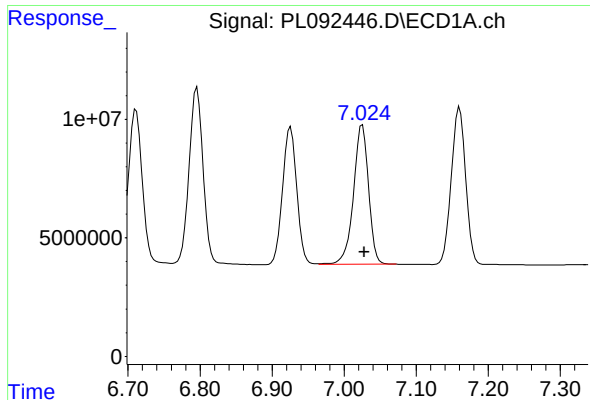
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 88135348
Conc: 49.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.004 min
Response: 116644982
Conc: 54.60 ng/ml



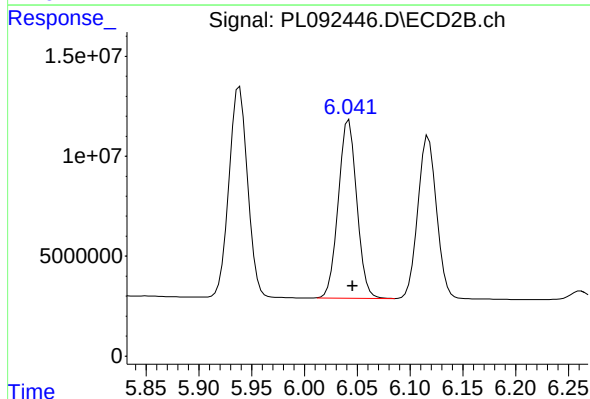
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 85395341
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

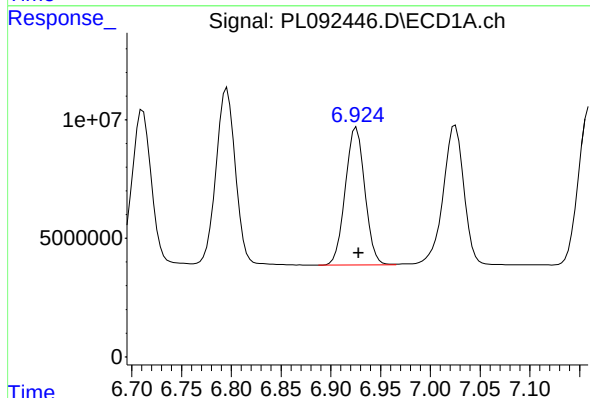
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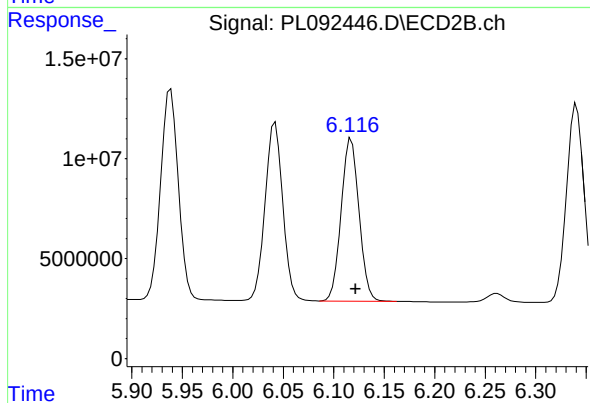
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 108490262
Conc: 46.90 ng/ml



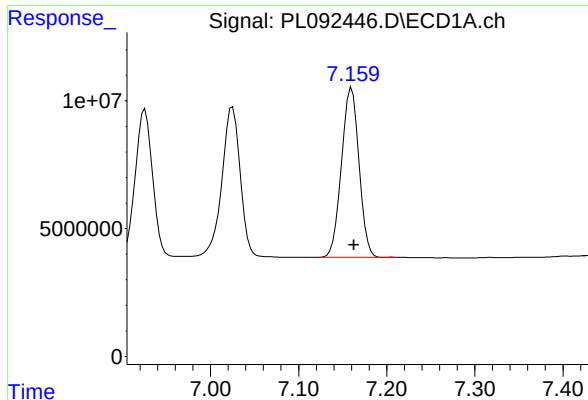
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 79615676
Conc: 45.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 100150484
Conc: 49.08 ng/ml



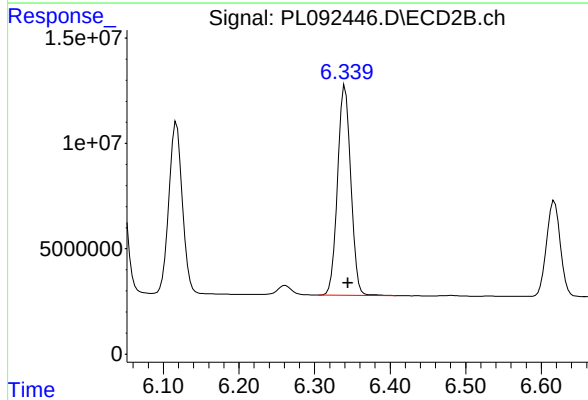
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 91797330
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

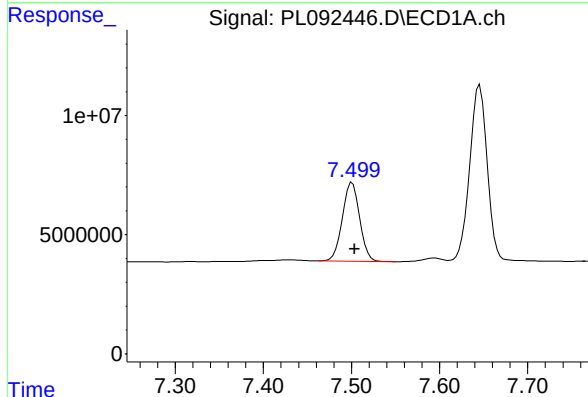
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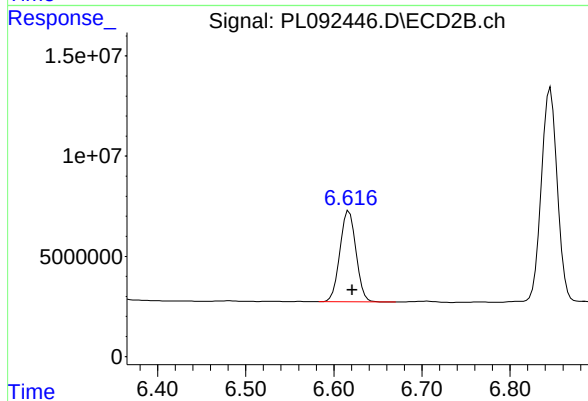
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 120858655
Conc: 50.10 ng/ml



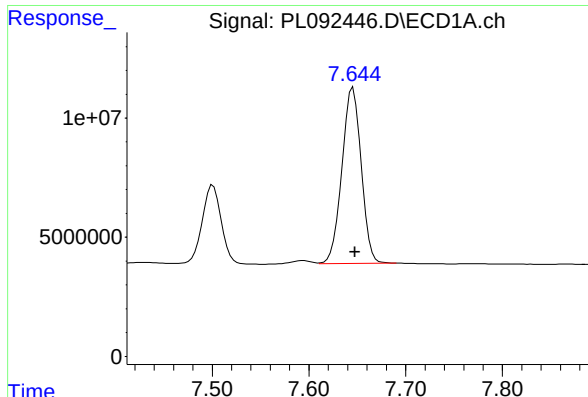
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.003 min
Response: 44969080
Conc: 45.81 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 57612725
Conc: 46.08 ng/ml



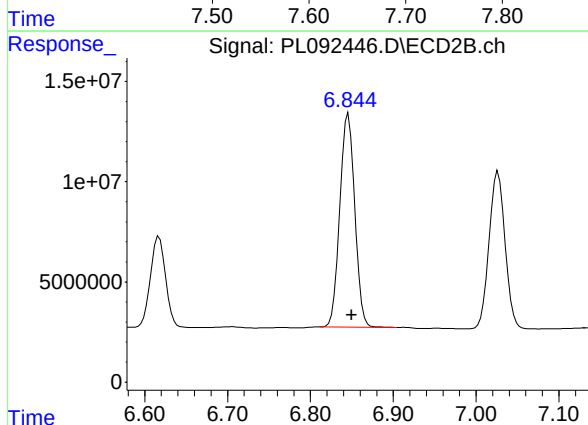
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 101901083
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

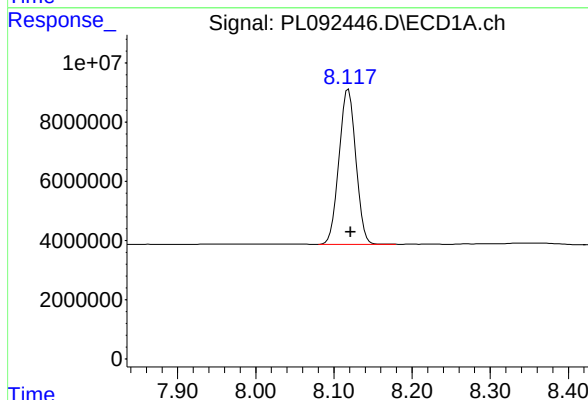
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Supervised By :Ankita Jodhani 10/18/2024



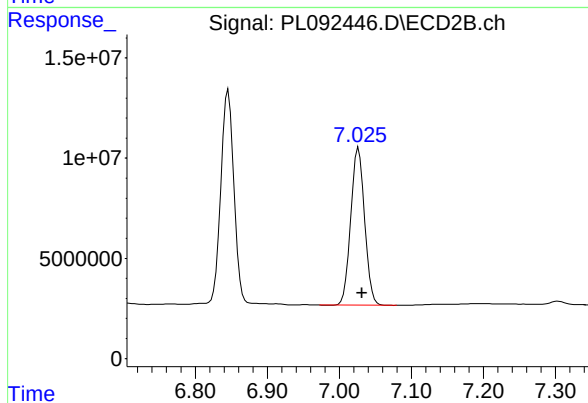
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 133470669
Conc: 48.20 ng/ml



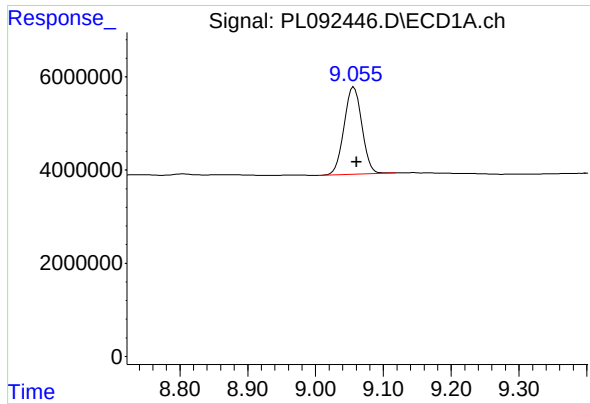
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 78438738
Conc: 43.55 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 104990517
Conc: 43.16 ng/ml



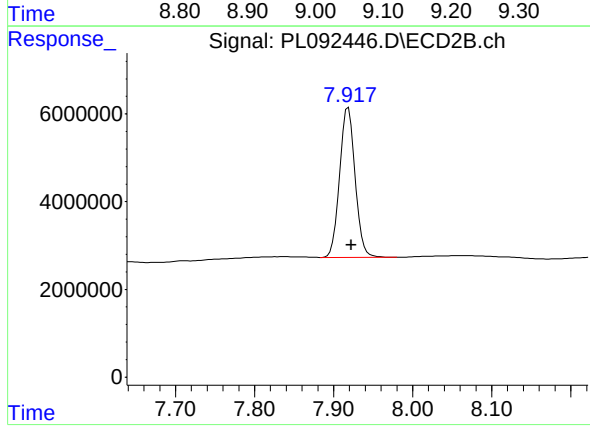
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 34000366
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164207BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 46633137
Conc: 18.64 ng/ml