

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021821\
 Data File : PL064815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2021 15:28
 Operator : AR\AJ
 Sample : M1422-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-03-021621MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 17:02:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 2021
 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...	3.425	4.100	65262089	53563145	23.196	24.796
28)	SA Decachlor...	8.145	9.254	48664420	37129299	21.640	19.548
Target Compounds							
2)	A alpha-BHC	3.858	4.502	233.8E6	167.3E6	50.416	55.220
3)	MA gamma-BHC...	4.138	4.794	213.2E6	155.2E6	49.311	54.635
4)	MA Heptachlor	4.435	5.305	198.9E6	157.8E6	48.502	53.278
5)	MB Aldrin	4.680	5.614	158.3E6	131.8E6	42.504	53.753m#
6)	B beta-BHC	4.389	4.973	81585127	65552630	47.733	50.079
7)	B delta-BHC	4.590	5.194	202.1E6	136.0E6	49.991	50.338
8)	B Heptachlo...	5.120	6.009	177.0E6	128.7E6	50.992	58.331
9)	A Endosulfan I	5.455	6.372	162.5E6	114.0E6	50.666	54.352
10)	B gamma-Chl...	5.346	6.245	313.7E6	198.8E6	89.474	86.020
11)	B alpha-Chl...	5.403	6.318	269.2E6	219.6E6	77.725	95.406
12)	B 4,4'-DDE	5.569	6.474	186.2E6	128.4E6	59.502	63.296
13)	MA Dieldrin	5.697	6.632	167.0E6	114.6E6	50.909	53.615
14)	MA Endrin	5.951	6.854	152.6E6	95014837	50.811	52.559
15)	B Endosulfa...	6.225	7.069	152.9E6	95902969	53.084	50.895
16)	A 4,4'-DDD	6.082	6.973	128.0E6	93451873	50.554	53.906
17)	MA 4,4'-DDT	6.321	7.273	123.6E6	83814115	54.806	54.972
18)	B Endrin al...	6.392	7.194	121.9E6	82795944	49.996	50.846
19)	B Endosulfa...	6.605	7.418	144.3E6	95474714	50.884	53.053
20)	A Methoxychlor	6.868	7.733	63288096	46637010	48.877	51.592
21)	B Endrin ke...	7.091	7.896	147.1E6	95406347	51.301	49.907
22)	Mirex	7.273	8.346	112.9E6	73471748	53.447	52.857

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021821\
Data File : PL064815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2021 15:28
Operator : AR\AJ
Sample : M1422-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

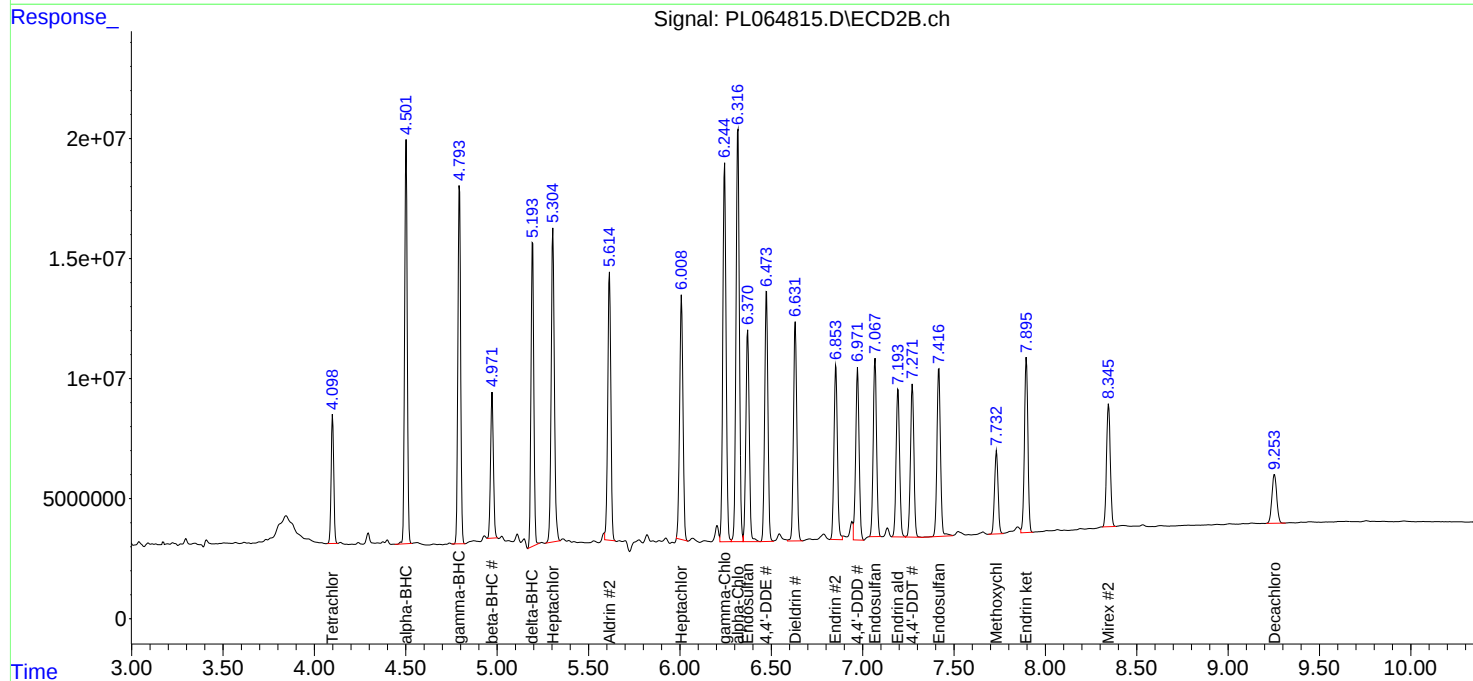
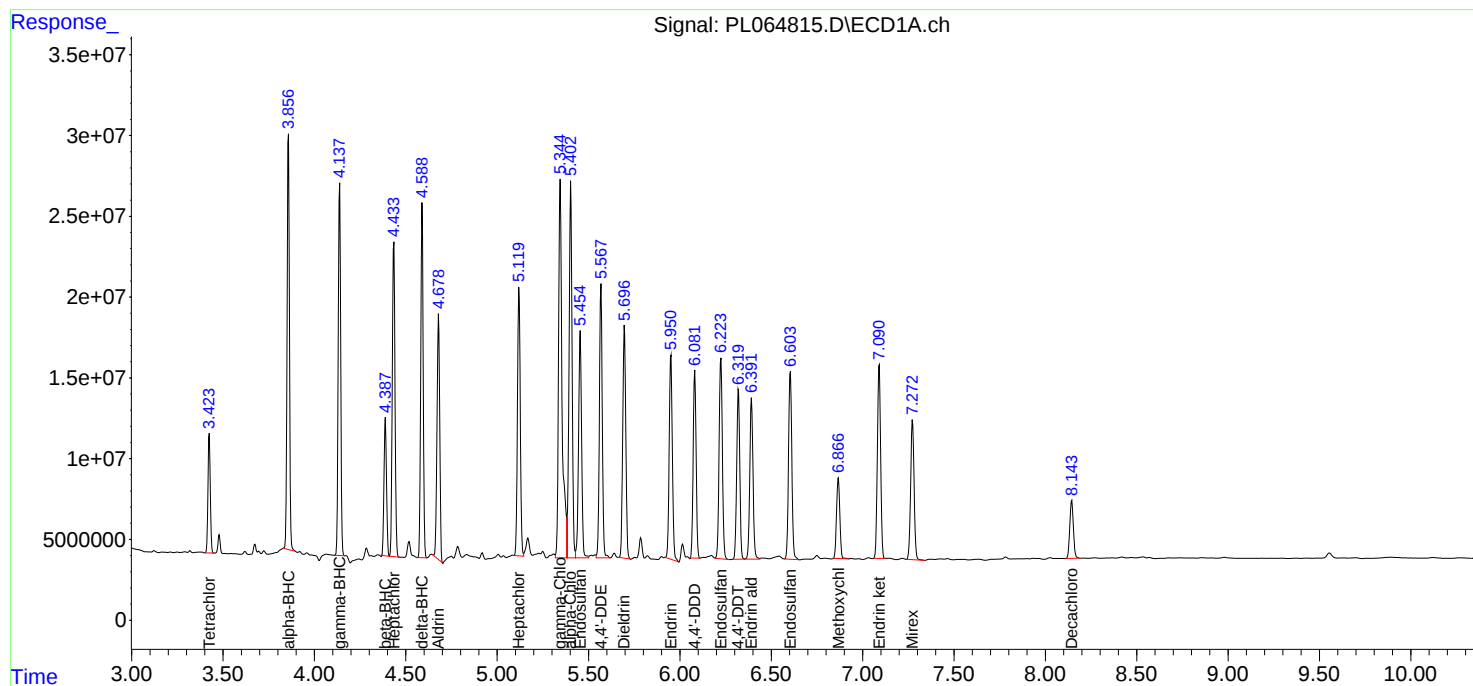
Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

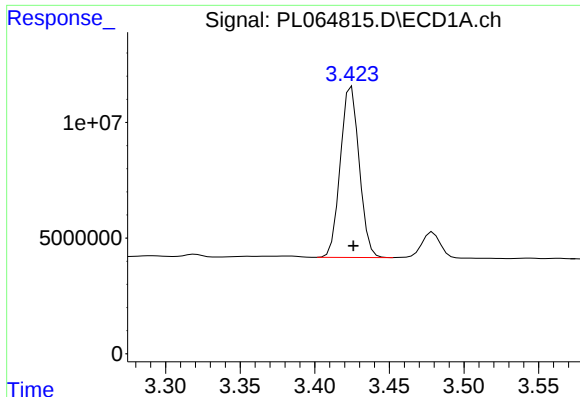
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 18 17:02:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
Quant Title : GC Extractables
QLast Update : Tue Feb 09 04:41:29 2021
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Volume 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





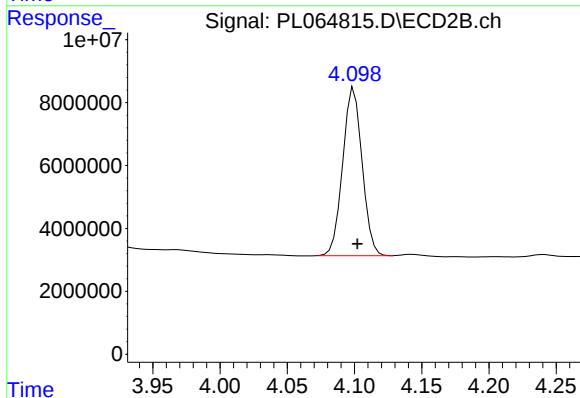
#1 Tetrachloro-m-xylene

R.T.: 3.425 min
Delta R.T.: -0.001 min
Response: 65262089
Conc: 23.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

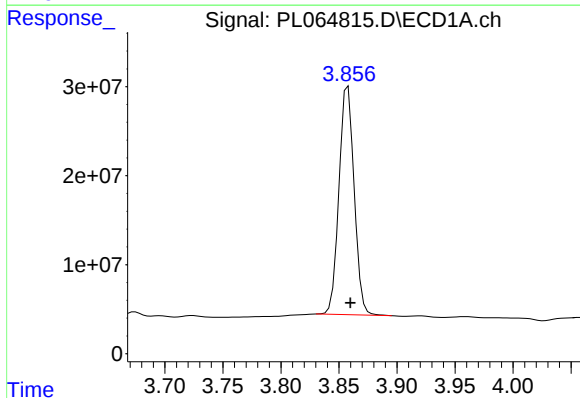
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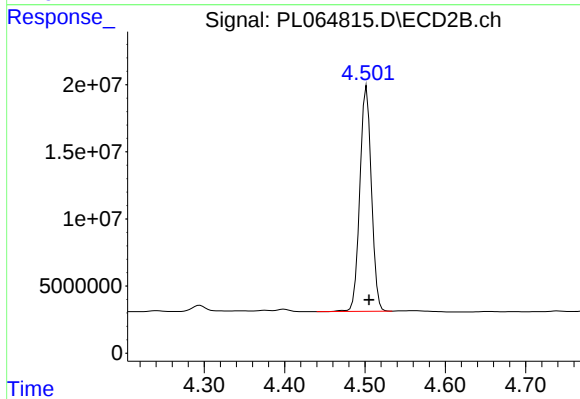
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 53563145
Conc: 24.80 ng/ml



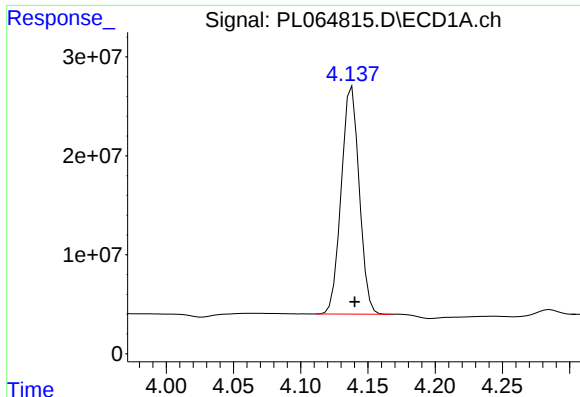
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 233807581
Conc: 50.42 ng/ml



#2 alpha-BHC

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 167260228
Conc: 55.22 ng/ml



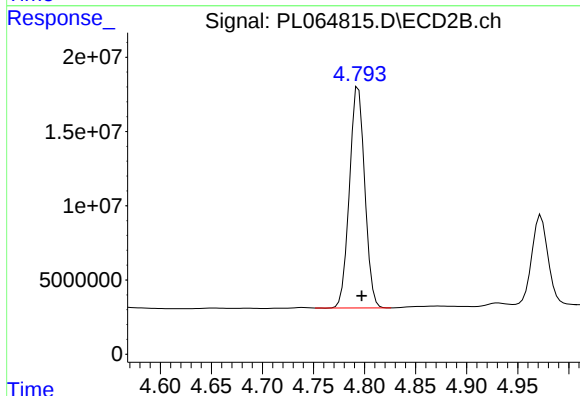
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 213197298
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

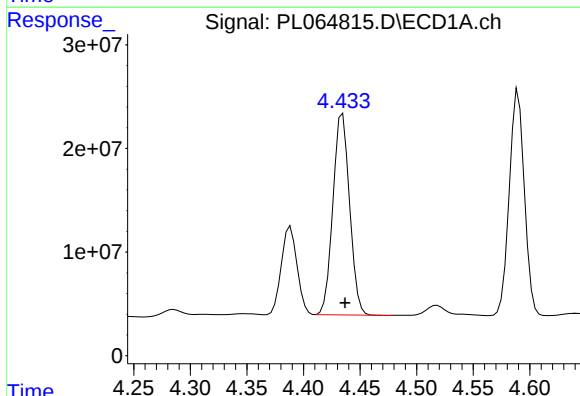
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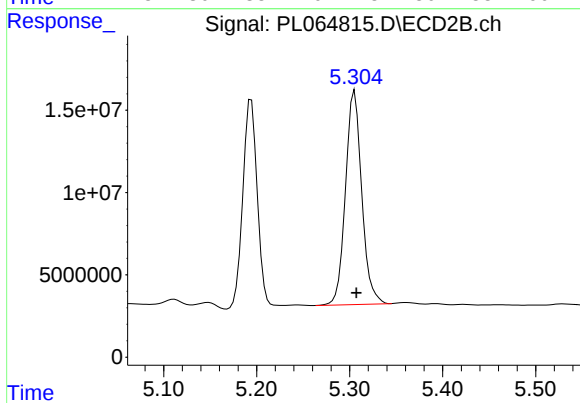
#3 gamma-BHC (Lindane)

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 155188715
Conc: 54.64 ng/ml



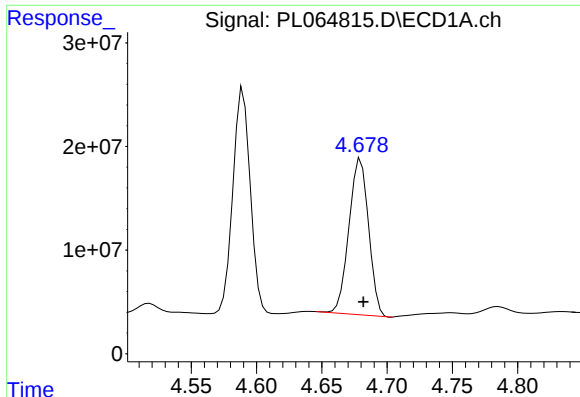
#4 Heptachlor

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 198864515
Conc: 48.50 ng/ml



#4 Heptachlor

R.T.: 5.305 min
Delta R.T.: -0.002 min
Response: 157838007
Conc: 53.28 ng/ml



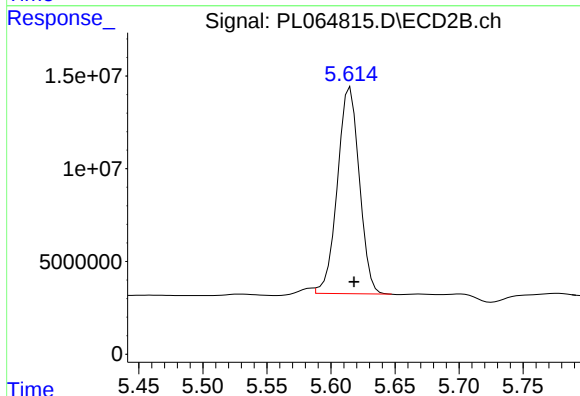
#5 Aldrin

R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 158267986
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

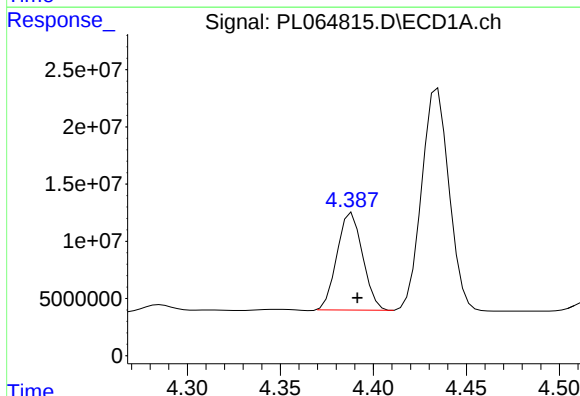
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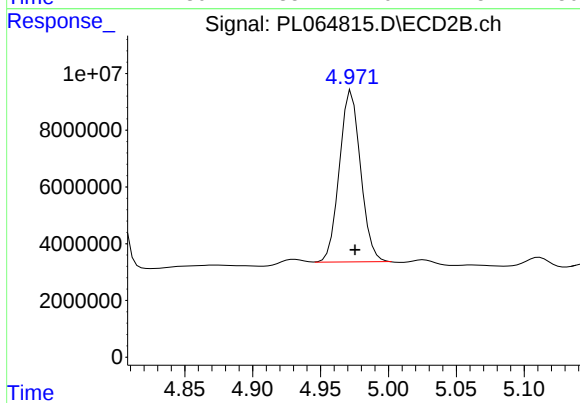
#5 Aldrin

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 131822701
Conc: 53.75 ng/ml m



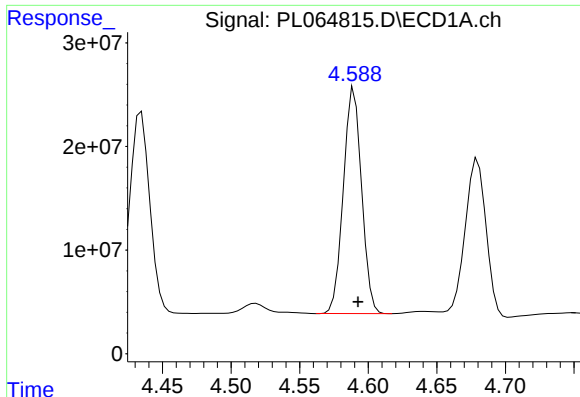
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 81585127
Conc: 47.73 ng/ml



#6 beta-BHC

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 65552630
Conc: 50.08 ng/ml



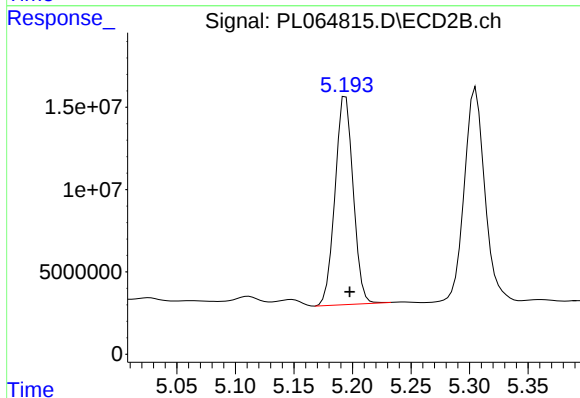
#7 delta-BHC

R.T.: 4.590 min
Delta R.T.: -0.003 min
Response: 202075350
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

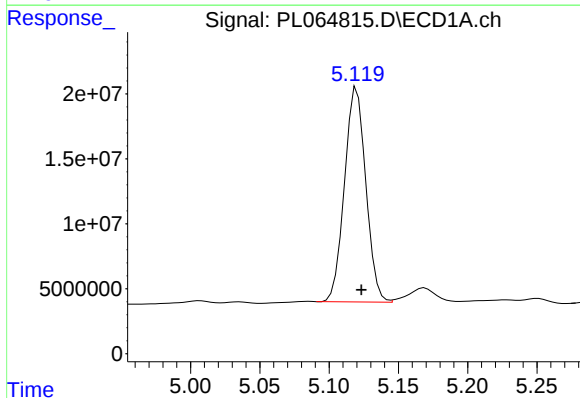
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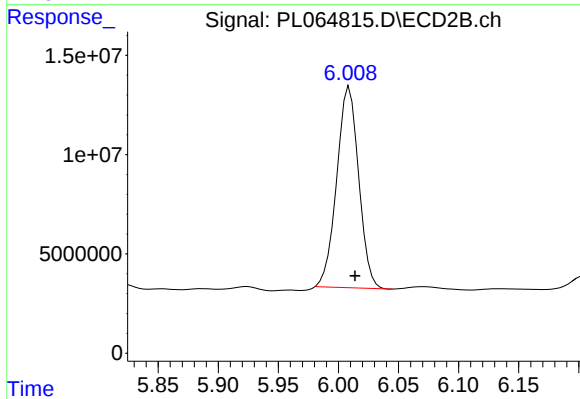
#7 delta-BHC

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 136002817
Conc: 50.34 ng/ml



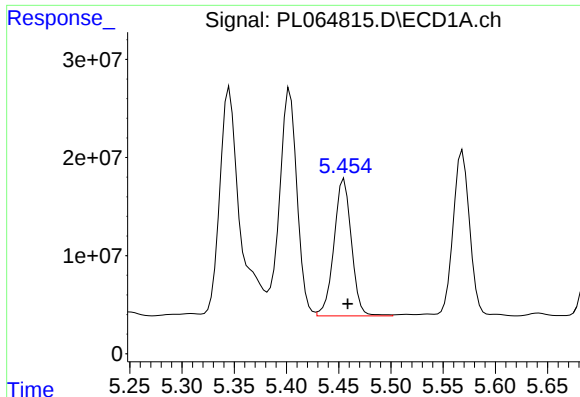
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 177039412
Conc: 50.99 ng/ml



#8 Heptachlor epoxide

R.T.: 6.009 min
Delta R.T.: -0.005 min
Response: 128695182
Conc: 58.33 ng/ml



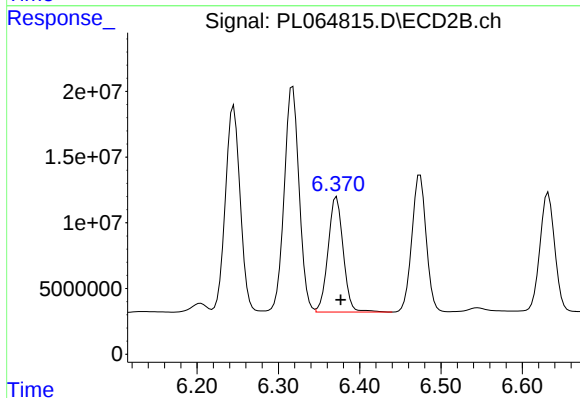
#9 Endosulfan I

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 162479699
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

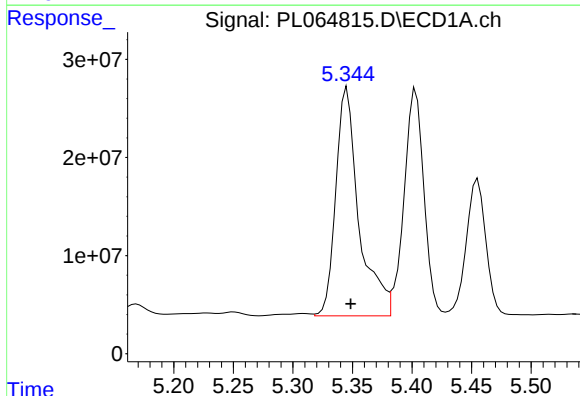
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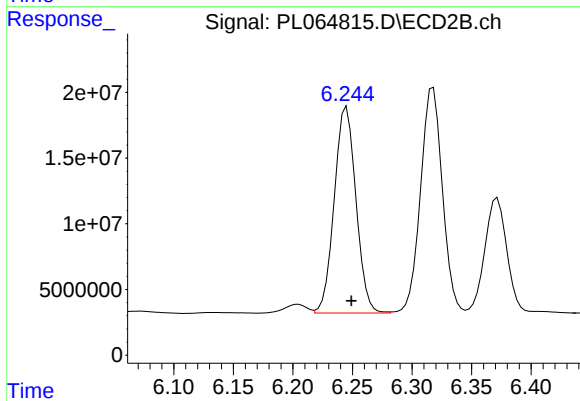
#9 Endosulfan I

R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 114001025
Conc: 54.35 ng/ml



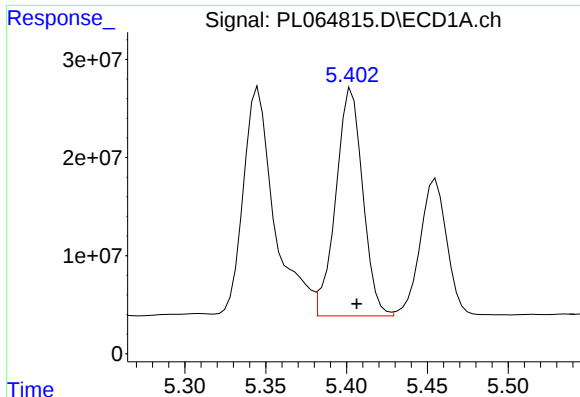
#10 gamma-Chlordane

R.T.: 5.346 min
Delta R.T.: -0.003 min
Response: 313732481
Conc: 89.47 ng/ml



#10 gamma-Chlordane

R.T.: 6.245 min
Delta R.T.: -0.004 min
Response: 198793832
Conc: 86.02 ng/ml



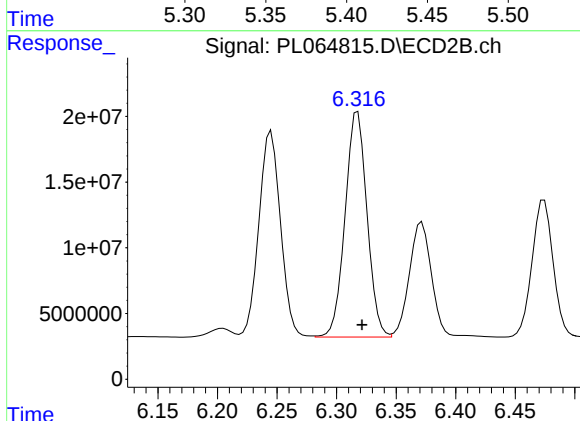
#11 alpha-Chlordane

R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 269203557
Conc: 77.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

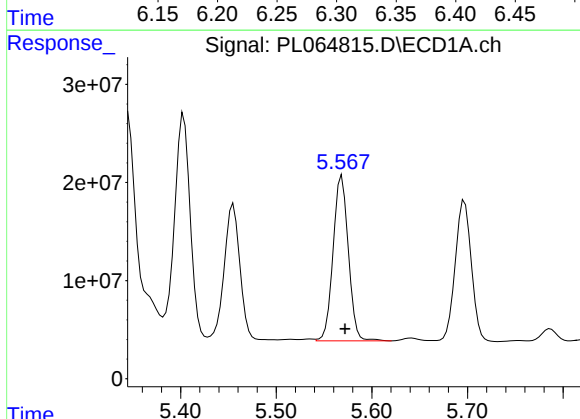
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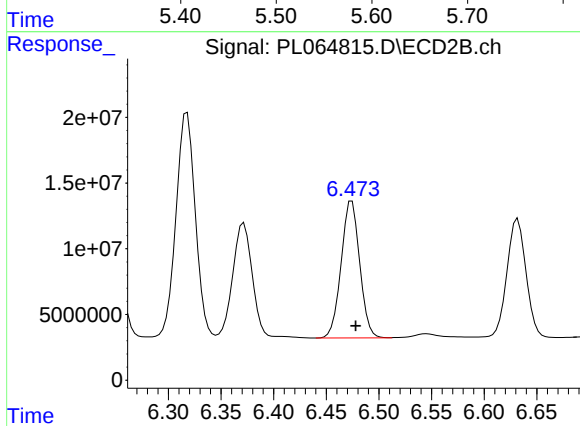
#11 alpha-Chlordane

R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 219645479
Conc: 95.41 ng/ml



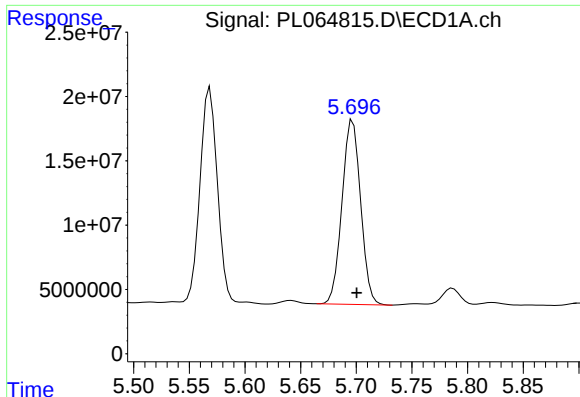
#12 4,4'-DDE

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 186207682
Conc: 59.50 ng/ml



#12 4,4'-DDE

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 128365515
Conc: 63.30 ng/ml



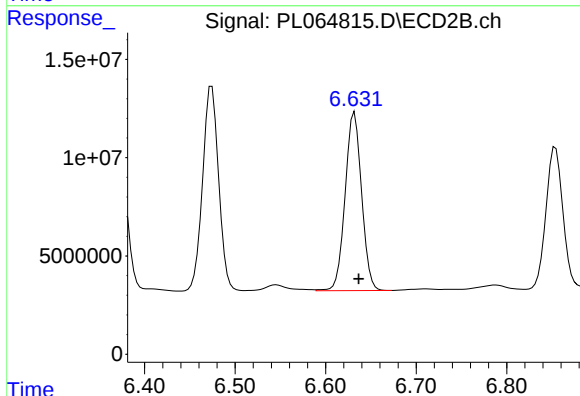
#13 Dieldrin

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 166991302
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

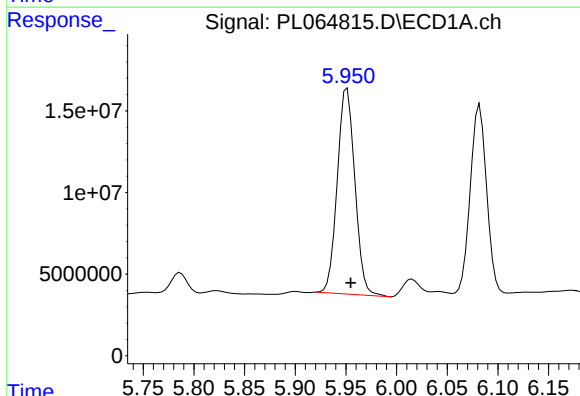
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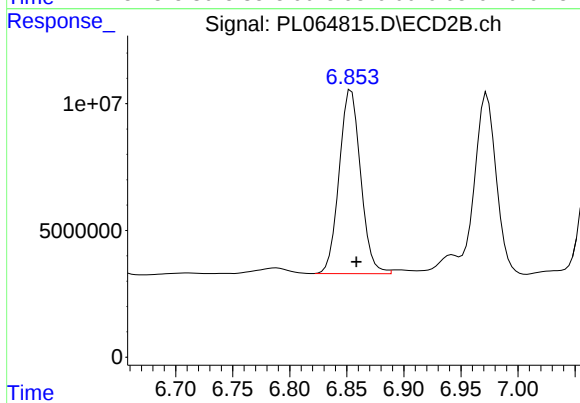
#13 Dieldrin

R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 114611578
Conc: 53.62 ng/ml



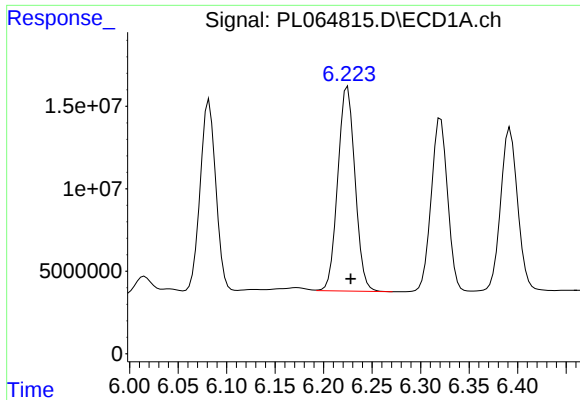
#14 Endrin

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 152604154
Conc: 50.81 ng/ml



#14 Endrin

R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 95014837
Conc: 52.56 ng/ml



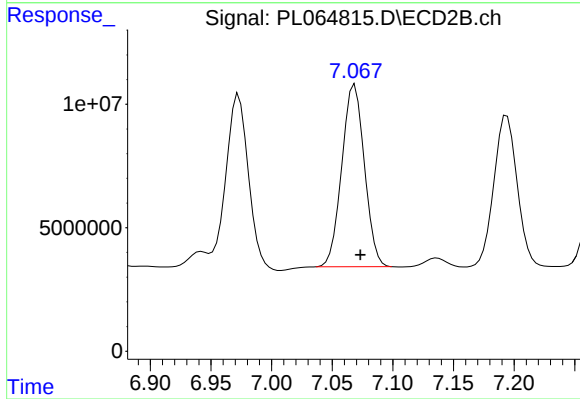
#15 Endosulfan II

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 152854305
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

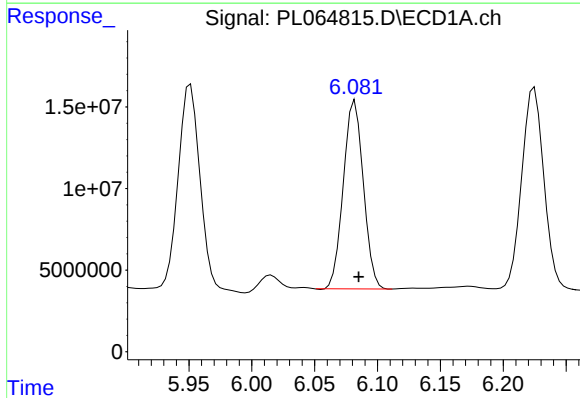
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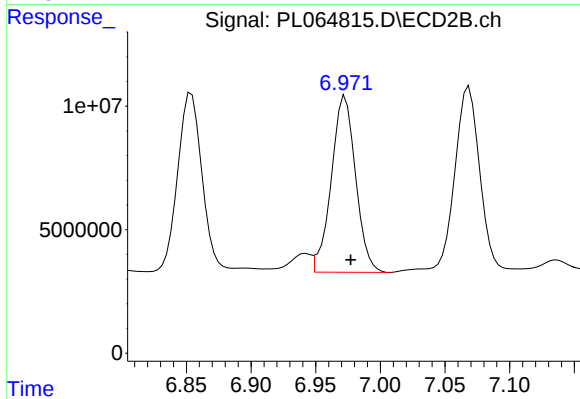
#15 Endosulfan II

R.T.: 7.069 min
Delta R.T.: -0.005 min
Response: 95902969
Conc: 50.89 ng/ml



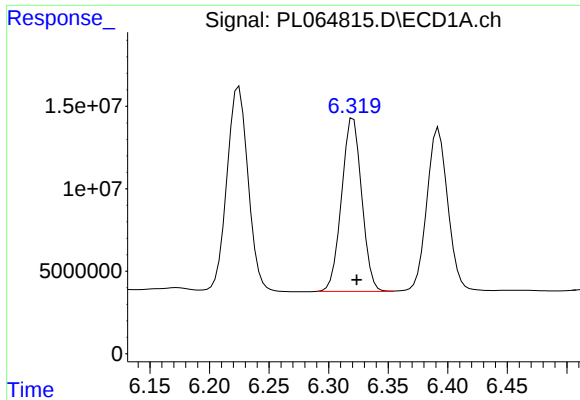
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 128033554
Conc: 50.55 ng/ml



#16 4,4'-DDD

R.T.: 6.973 min
Delta R.T.: -0.004 min
Response: 93451873
Conc: 53.91 ng/ml



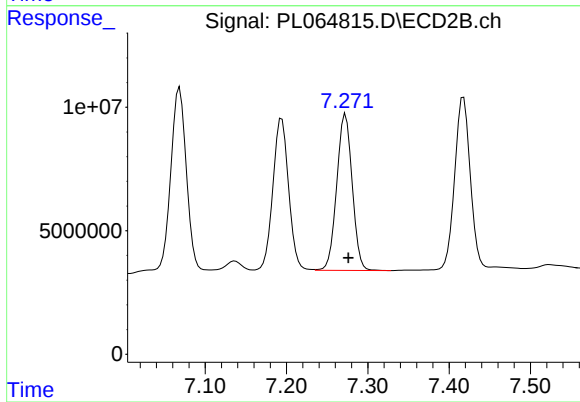
#17 4,4'-DDT

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 123586943
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

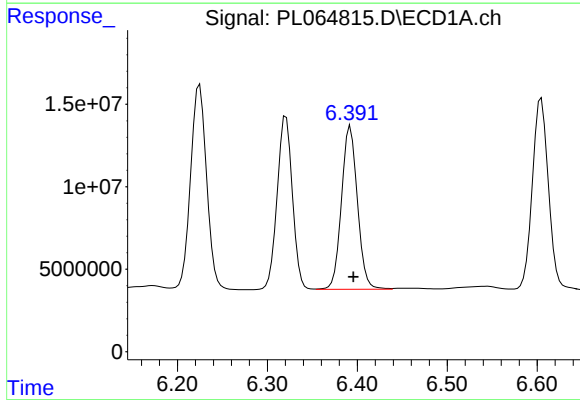
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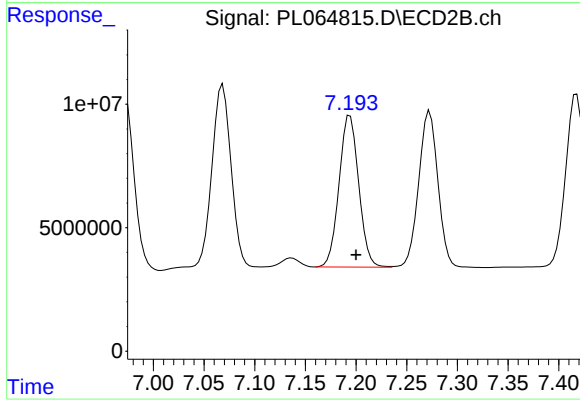
#17 4,4'-DDT

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 83814115
Conc: 54.97 ng/ml



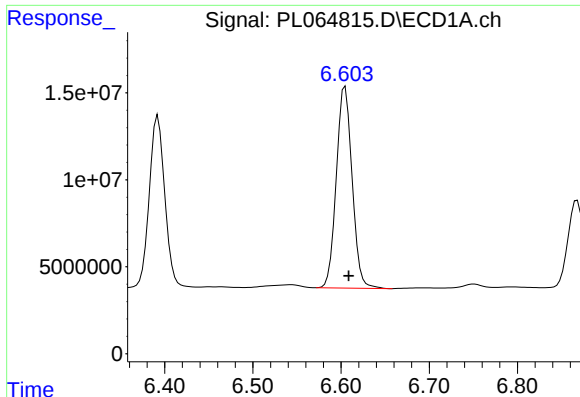
#18 Endrin aldehyde

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 121899359
Conc: 50.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.194 min
Delta R.T.: -0.006 min
Response: 82795944
Conc: 50.85 ng/ml



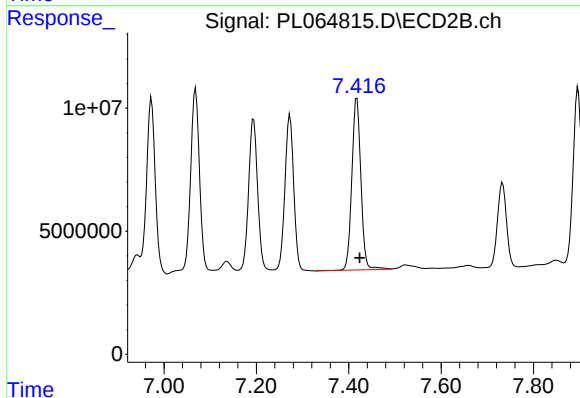
#19 Endosulfan Sulfate

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 144302460
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

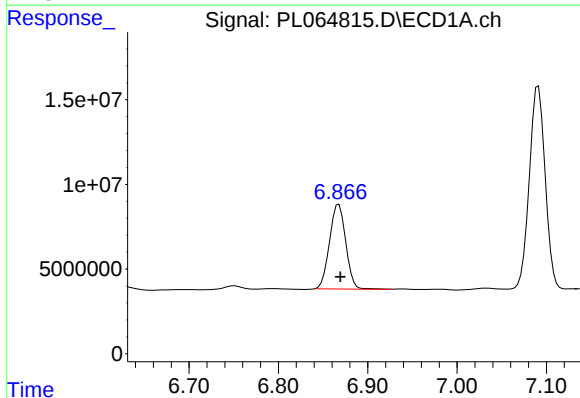
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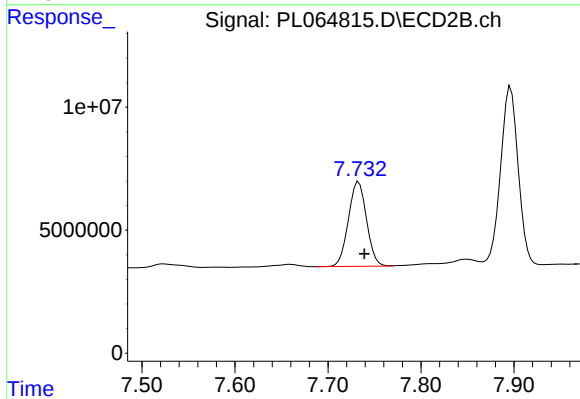
#19 Endosulfan Sulfate

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 95474714
Conc: 53.05 ng/ml



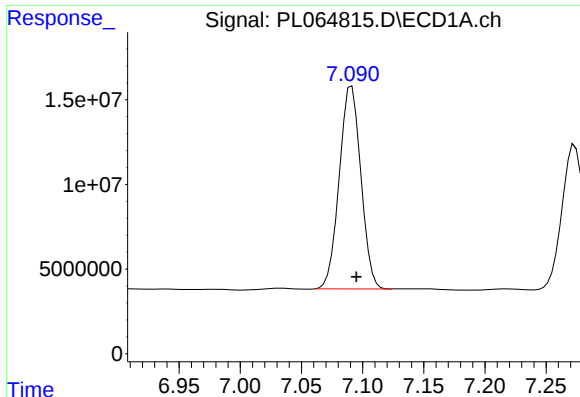
#20 Methoxychlor

R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 63288096
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 7.733 min
Delta R.T.: -0.006 min
Response: 46637010
Conc: 51.59 ng/ml



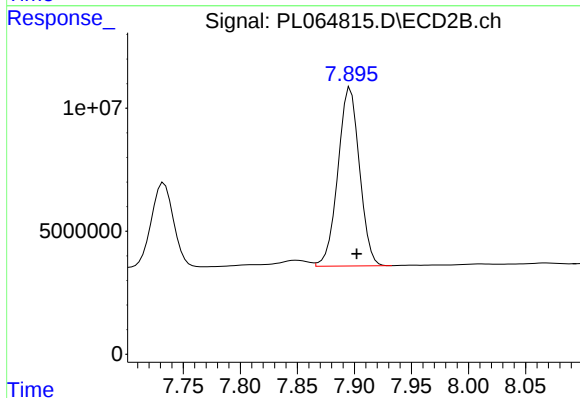
#21 Endrin ketone

R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 147135354
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

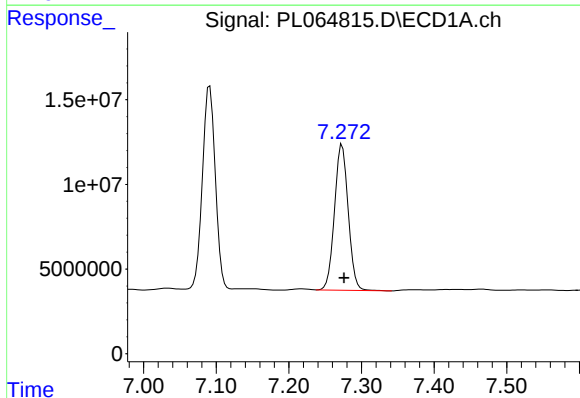
Manual Integrations
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2/19/2021 9:40:59 AM



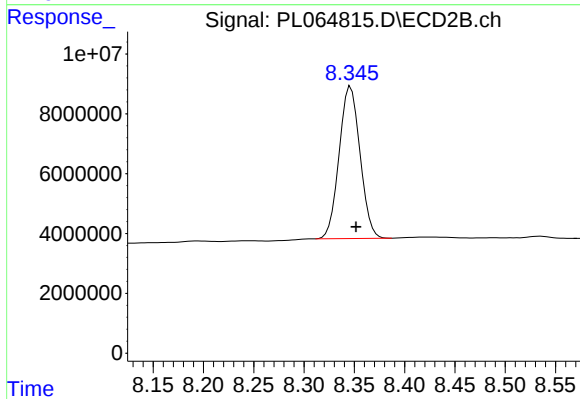
#21 Endrin ketone

R.T.: 7.896 min
Delta R.T.: -0.006 min
Response: 95406347
Conc: 49.91 ng/ml



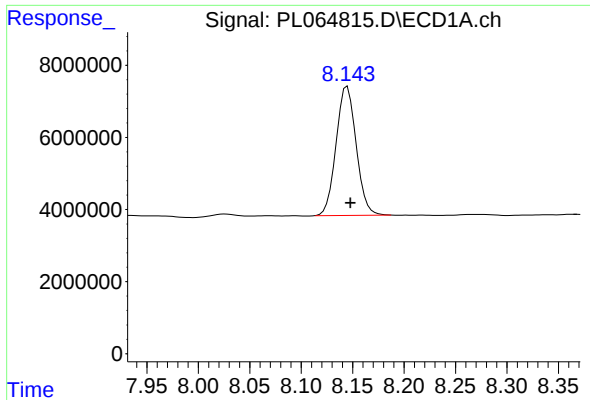
#22 Mirex

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 112930058
Conc: 53.45 ng/ml



#22 Mirex

R.T.: 8.346 min
Delta R.T.: -0.005 min
Response: 73471748
Conc: 52.86 ng/ml



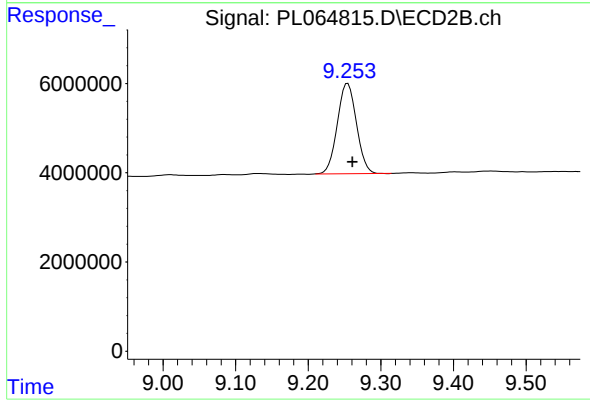
#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 48664420
Conc: 21.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-021621MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.254 min
Delta R.T.: -0.006 min
Response: 37129299
Conc: 19.55 ng/ml