

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022721\
 Data File : PL064979.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2021 15:10
 Operator : AR\AJ
 Sample : M1501-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 R-LA-3-7-WCMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 17:03:44 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...	3.423	4.097	60419189	52230597	21.475	24.179
2)	SA Decachlor...	8.141	9.251	39659816	31552642	17.636	16.612
Target Compounds							
2)	A alpha-BHC	3.855	4.499	217.2E6	181.5E6	46.832	59.922 #
3)	MA gamma-BHC...	4.136	4.791	221.6E6	162.5E6	51.261	57.203
4)	MA Heptachlor	4.431	5.303	190.4E6	164.5E6	46.435	55.520
5)	MB Aldrin	4.677	5.612	174.7E6	139.7E6	46.926	56.967
6)	B beta-BHC	4.384	4.970	74209939	72678487	43.418m	55.962 #
7)	B delta-BHC	4.587	5.192	195.2E6	142.4E6	48.286	52.707
8)	B Heptachlo...	5.117	6.007	171.3E6	118.2E6	49.328	53.567
9)	A Endosulfan I	5.452	6.368	161.7E6	121.4E6	50.438	57.883
10)	B gamma-Chl...	5.342	6.242	173.4E6	132.8E6	49.462	57.464
11)	B alpha-Chl...	5.400	6.314	173.8E6	134.2E6	50.194	58.287
12)	B 4,4'-DDE	5.566	6.471	161.4E6	120.5E6	51.578	59.432
13)	MA Dieldrin	5.694	6.629	158.0E6	119.0E6	48.175	55.668
14)	MA Endrin	5.948	6.851	154.0E6	100.5E6	51.288	55.574
15)	B Endosulfa...	6.220	7.065	145.0E6	104.7E6	50.370	55.578
16)	A 4,4'-DDD	6.079	6.970	124.2E6	98585845	49.041	56.868
17)	MA 4,4'-DDT	6.317	7.269	128.1E6	96420252	56.798	63.240
18)	B Endrin al...	6.389	7.191	122.7E6	90721880	50.324	55.713
19)	B Endosulfa...	6.601	7.415	140.7E6	100.2E6	49.625	55.663
20)	A Methoxychlor	6.863	7.730	66997630	55725373	51.742m	61.646
21)	B Endrin ke...	7.087	7.894	147.7E6	110.6E6	51.491	57.836
22)	Mirex	7.269	8.344	116.0E6	88652161	54.881	63.778

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022721\
Data File : PL064979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2021 15:10
Operator : AR\AJ
Sample : M1501-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

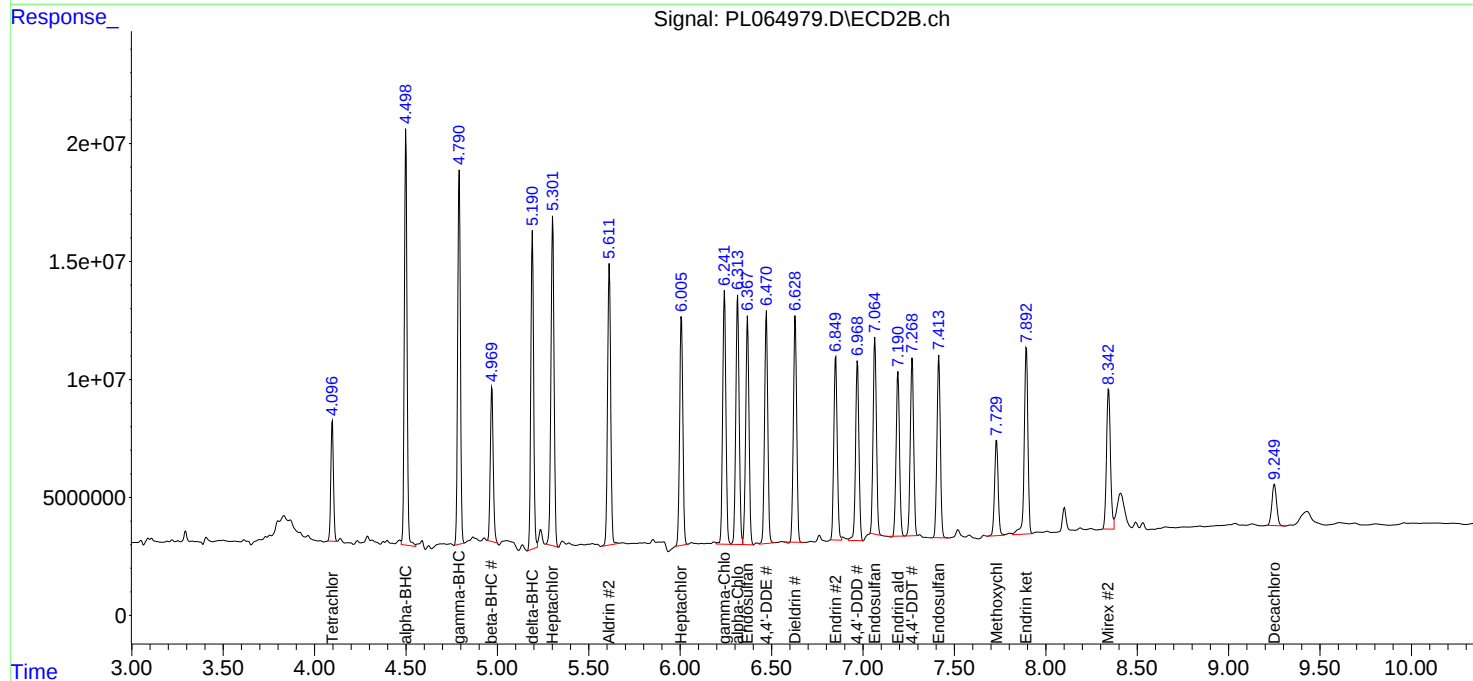
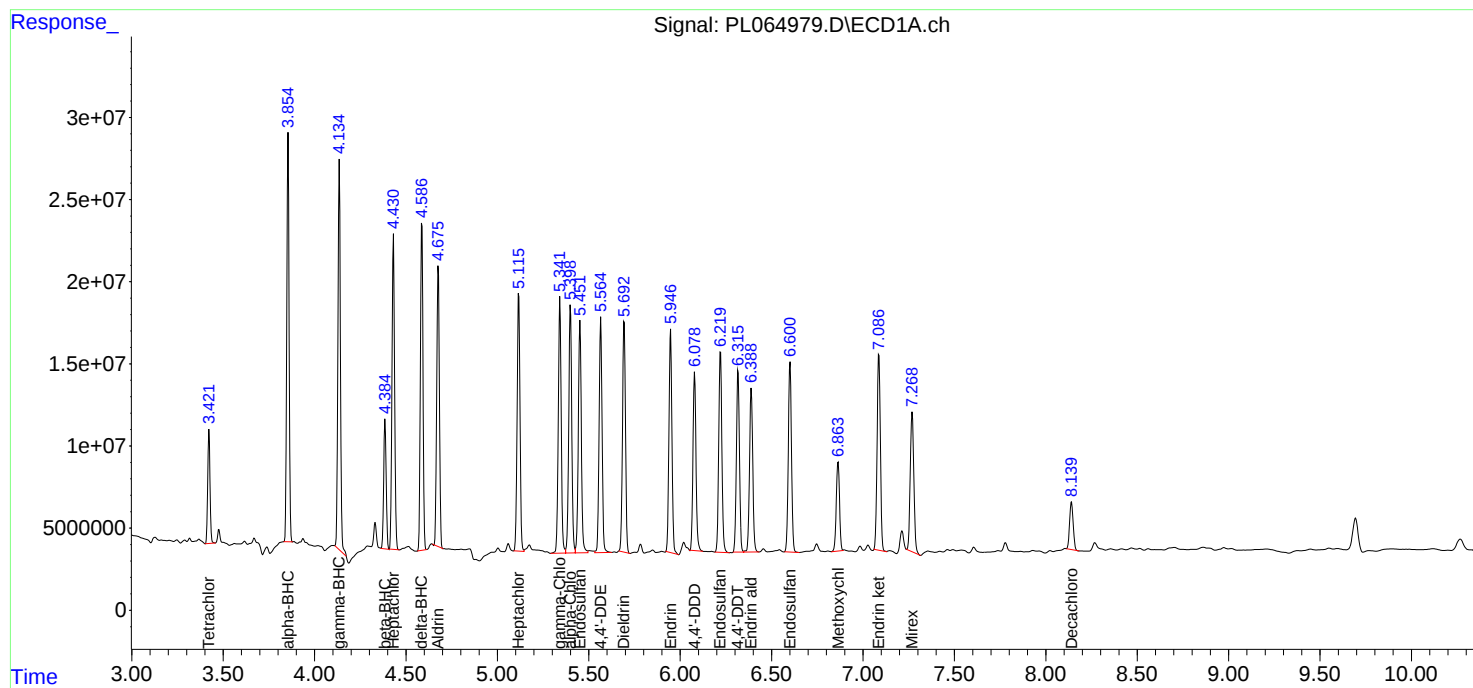
Instrument :
ECD_L
ClientSampled :
R-LA-3-7-WCMSD

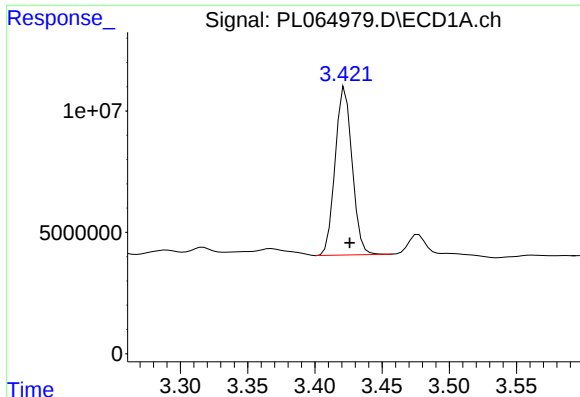
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 17:03:44 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
Quant Title : GC Extractables
QLast Update : Tue Feb 09 04:41:29 2021
Response 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





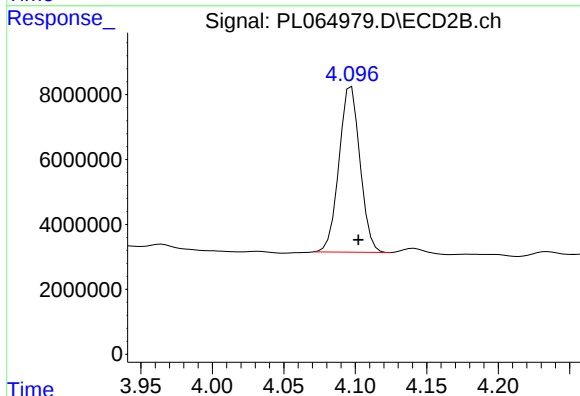
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.003 min
Response: 60419189
Conc: 21.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

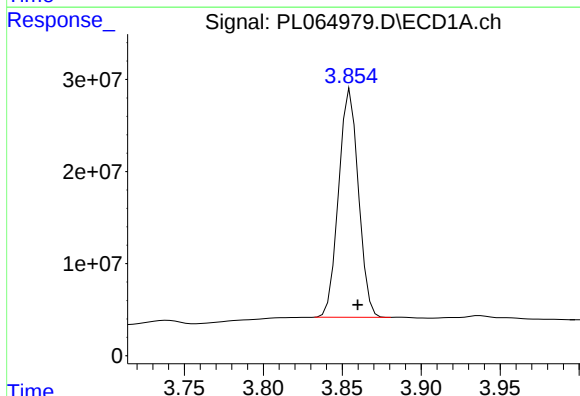
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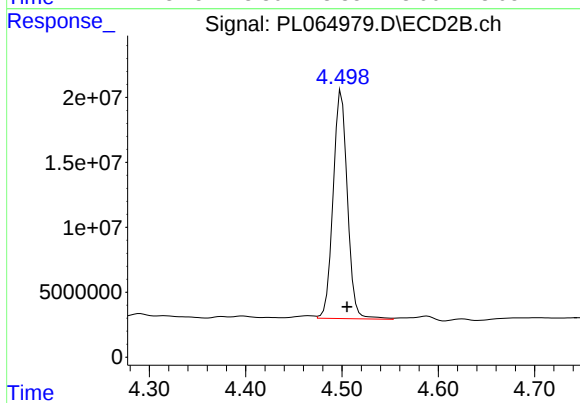
#1 Tetrachloro-m-xylene

R.T.: 4.097 min
Delta R.T.: -0.005 min
Response: 52230597
Conc: 24.18 ng/ml



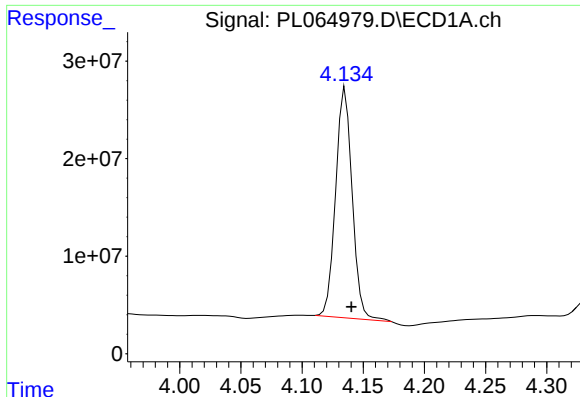
#2 alpha-BHC

R.T.: 3.855 min
Delta R.T.: -0.005 min
Response: 217183649
Conc: 46.83 ng/ml



#2 alpha-BHC

R.T.: 4.499 min
Delta R.T.: -0.006 min
Response: 181501635
Conc: 59.92 ng/ml



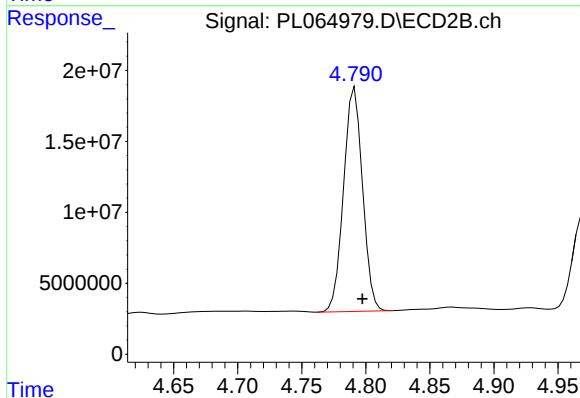
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 221627744
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

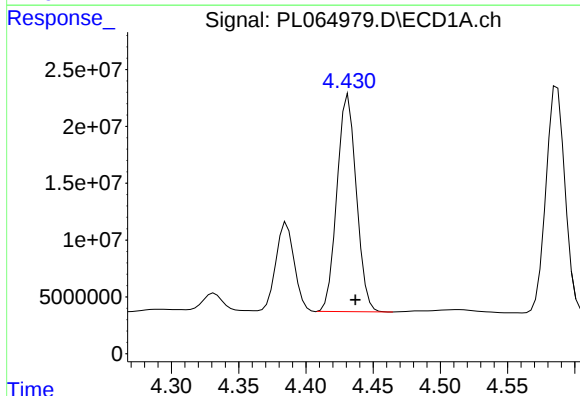
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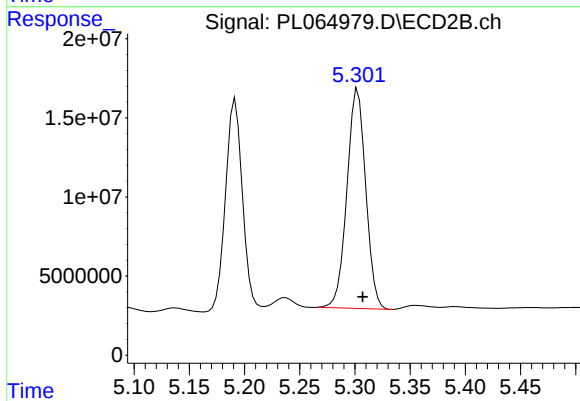
#3 gamma-BHC (Lindane)

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 162483251
Conc: 57.20 ng/ml



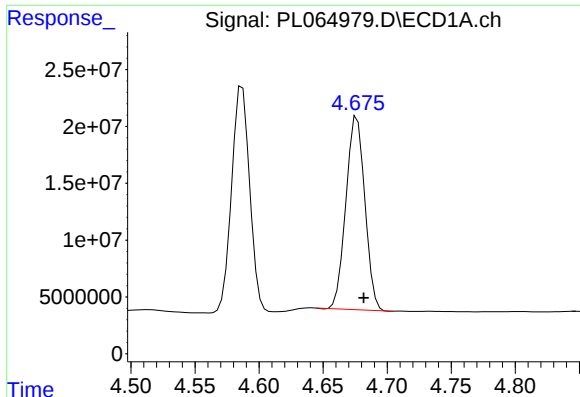
#4 Heptachlor

R.T.: 4.431 min
Delta R.T.: -0.005 min
Response: 190388711
Conc: 46.43 ng/ml



#4 Heptachlor

R.T.: 5.303 min
Delta R.T.: -0.004 min
Response: 164482384
Conc: 55.52 ng/ml



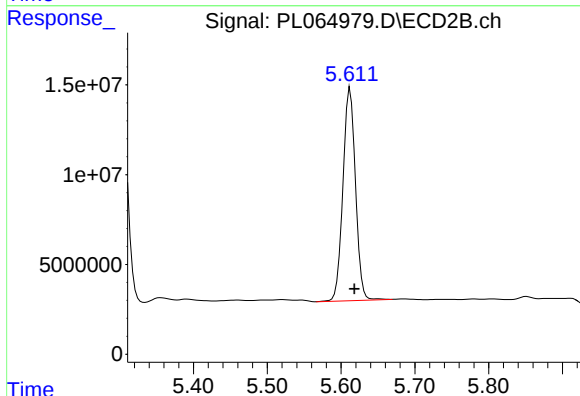
#5 Aldrin

R.T.: 4.677 min
Delta R.T.: -0.005 min
Response: 174735428
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

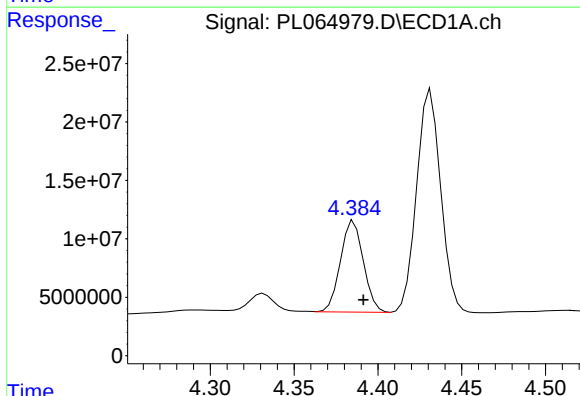
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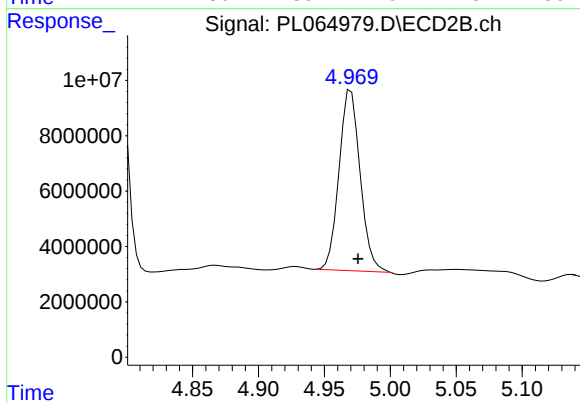
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 139703265
Conc: 56.97 ng/ml



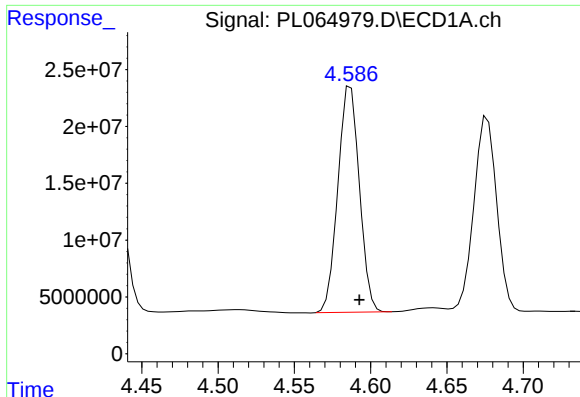
#6 beta-BHC

R.T.: 4.384 min
Delta R.T.: -0.007 min
Response: 74209939
Conc: 43.42 ng/ml m



#6 beta-BHC

R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 72678487
Conc: 55.96 ng/ml



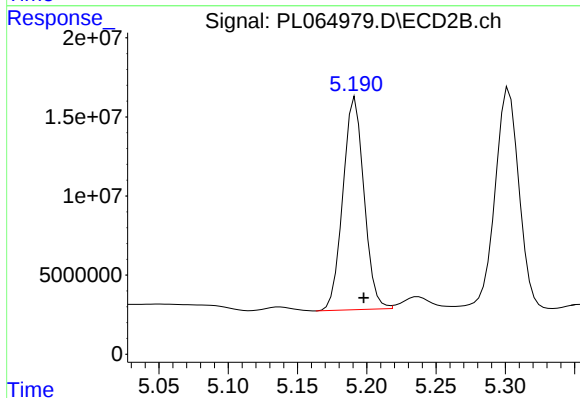
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 195183567
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

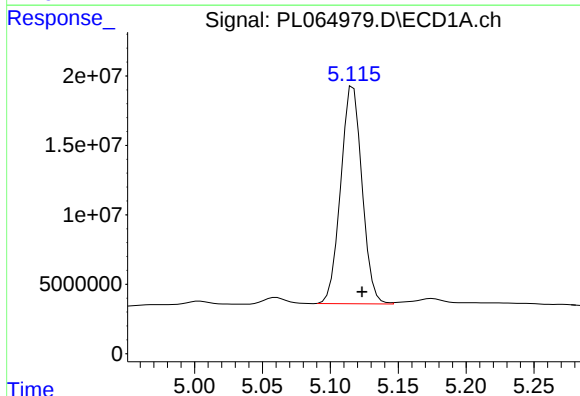
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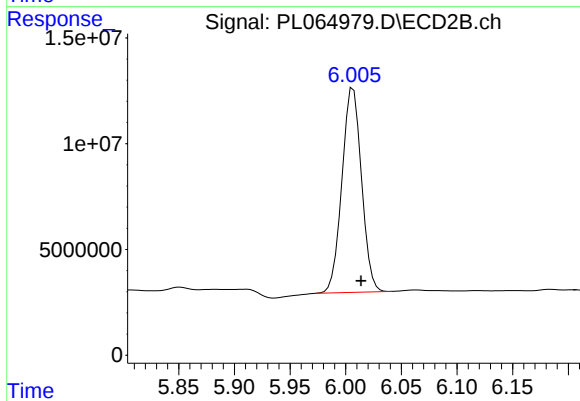
#7 delta-BHC

R.T.: 5.192 min
Delta R.T.: -0.006 min
Response: 142401864
Conc: 52.71 ng/ml



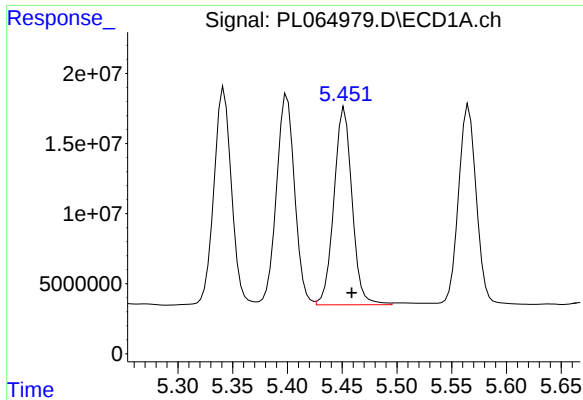
#8 Heptachlor epoxide

R.T.: 5.117 min
Delta R.T.: -0.007 min
Response: 171260607
Conc: 49.33 ng/ml



#8 Heptachlor epoxide

R.T.: 6.007 min
Delta R.T.: -0.007 min
Response: 118184191
Conc: 53.57 ng/ml



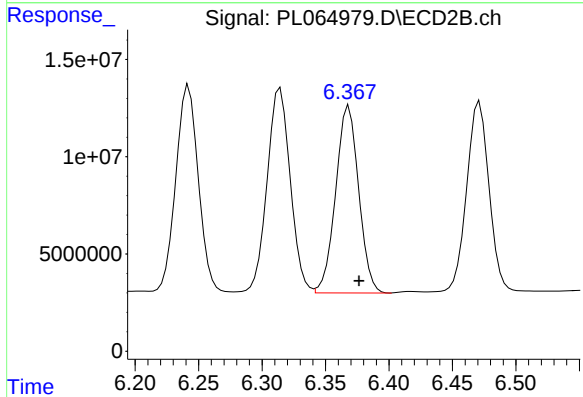
#9 Endosulfan I

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 161748632
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

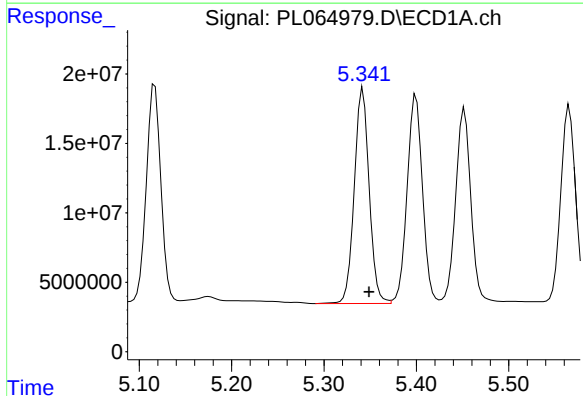
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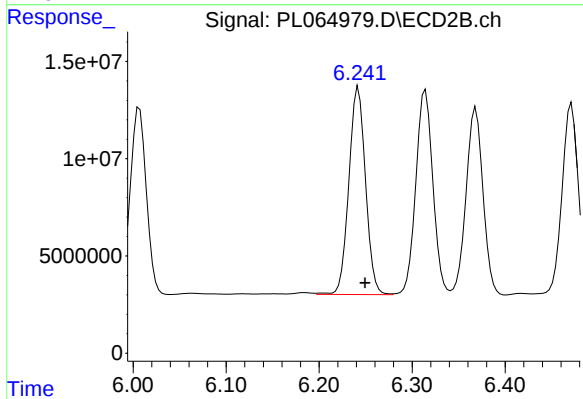
#9 Endosulfan I

R.T.: 6.368 min
Delta R.T.: -0.008 min
Response: 121407871
Conc: 57.88 ng/ml



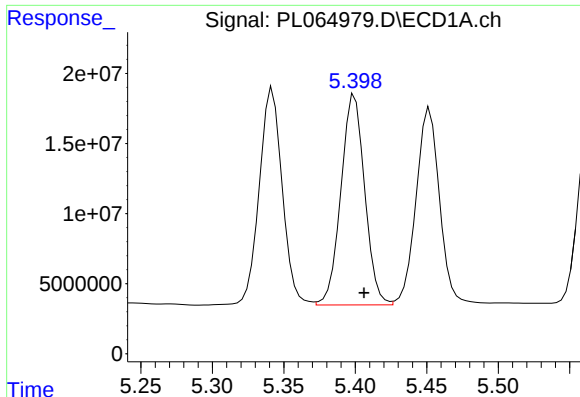
#10 gamma-Chlordane

R.T.: 5.342 min
Delta R.T.: -0.006 min
Response: 173433368
Conc: 49.46 ng/ml



#10 gamma-Chlordane

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 132800153
Conc: 57.46 ng/ml



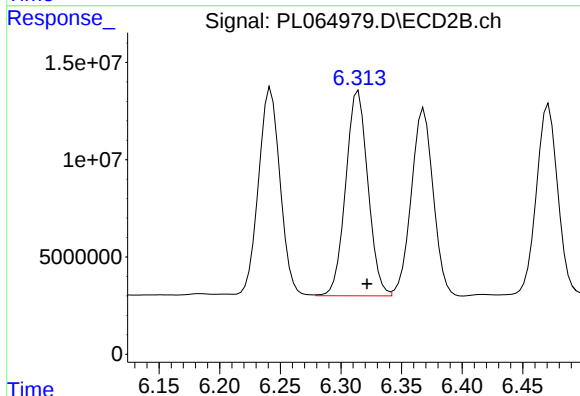
#11 alpha-Chlordane

R.T.: 5.400 min
Delta R.T.: -0.007 min
Response: 173846963
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

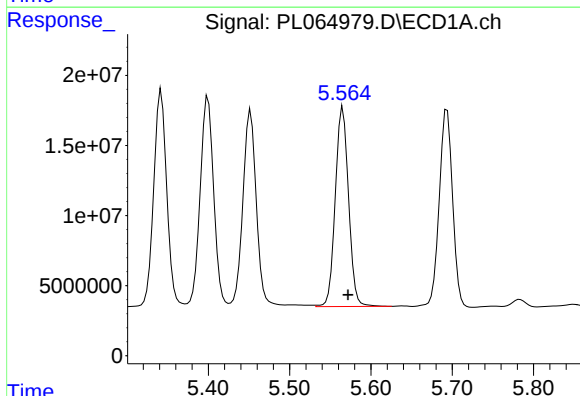
Manual Integrations
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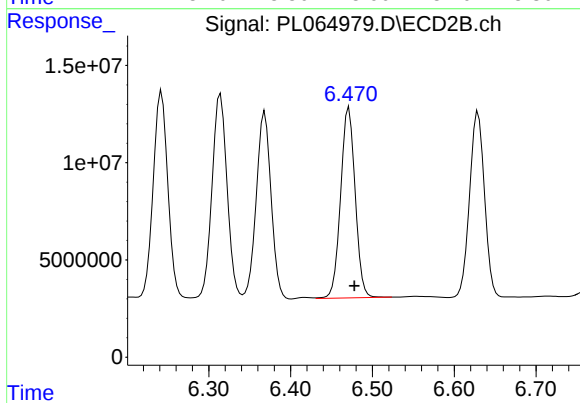
#11 alpha-Chlordane

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 134188355
Conc: 58.29 ng/ml



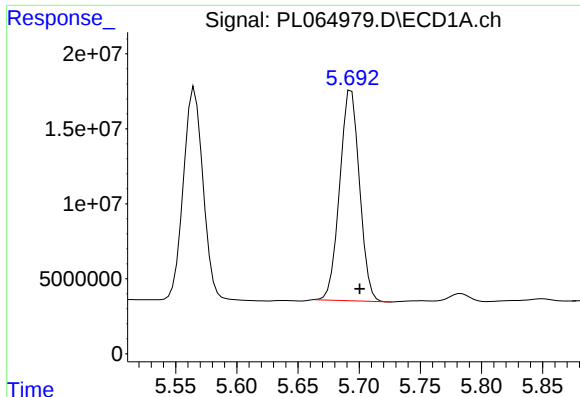
#12 4,4'-DDE

R.T.: 5.566 min
Delta R.T.: -0.006 min
Response: 161408383
Conc: 51.58 ng/ml



#12 4,4'-DDE

R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 120528332
Conc: 59.43 ng/ml



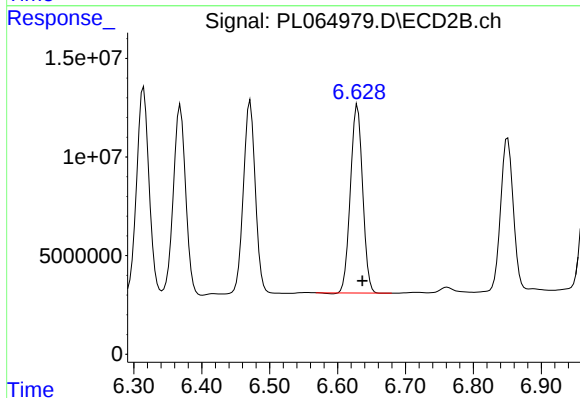
#13 Dieldrin

R.T.: 5.694 min
Delta R.T.: -0.007 min
Response: 158023122
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

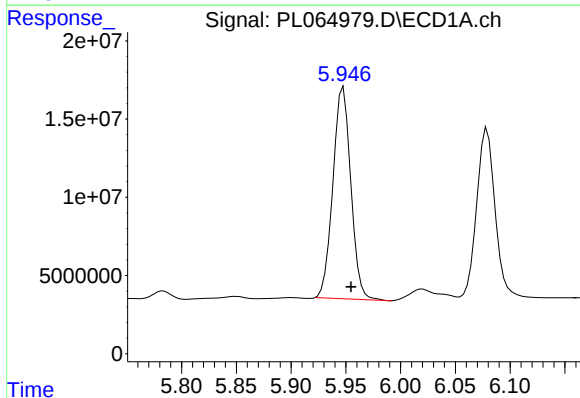
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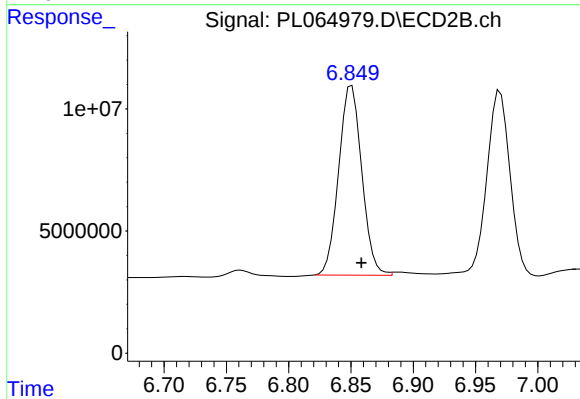
#13 Dieldrin

R.T.: 6.629 min
Delta R.T.: -0.007 min
Response: 119000189
Conc: 55.67 ng/ml



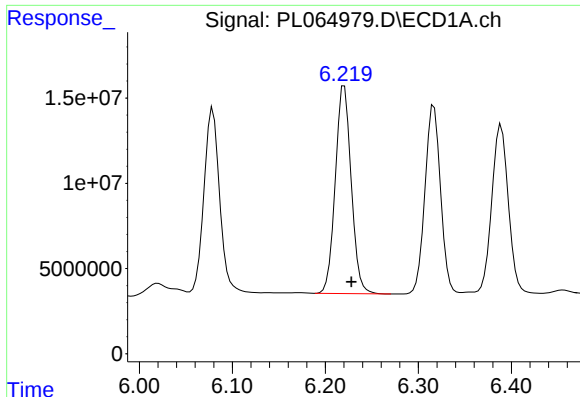
#14 Endrin

R.T.: 5.948 min
Delta R.T.: -0.007 min
Response: 154037001
Conc: 51.29 ng/ml



#14 Endrin

R.T.: 6.851 min
Delta R.T.: -0.008 min
Response: 100466705
Conc: 55.57 ng/ml



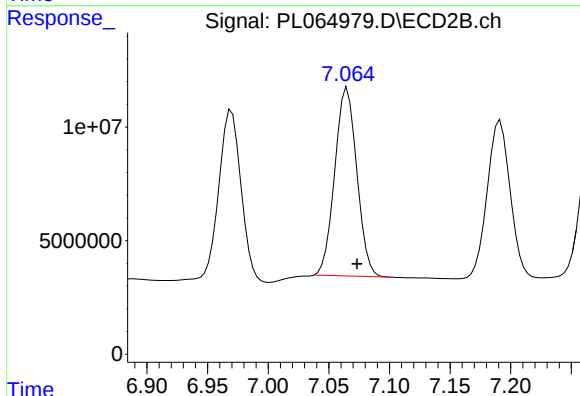
#15 Endosulfan II

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 145038656
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

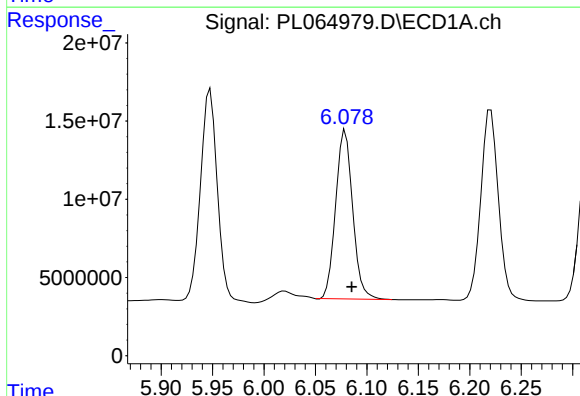
Manual Integrations
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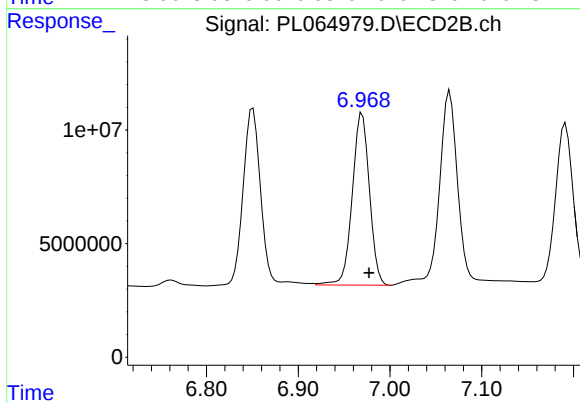
#15 Endosulfan II

R.T.: 7.065 min
Delta R.T.: -0.008 min
Response: 104727824
Conc: 55.58 ng/ml



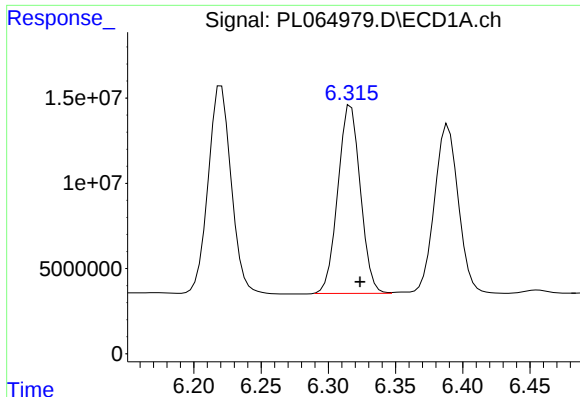
#16 4,4'-DDD

R.T.: 6.079 min
Delta R.T.: -0.006 min
Response: 124200536
Conc: 49.04 ng/ml



#16 4,4'-DDD

R.T.: 6.970 min
Delta R.T.: -0.007 min
Response: 98585845
Conc: 56.87 ng/ml



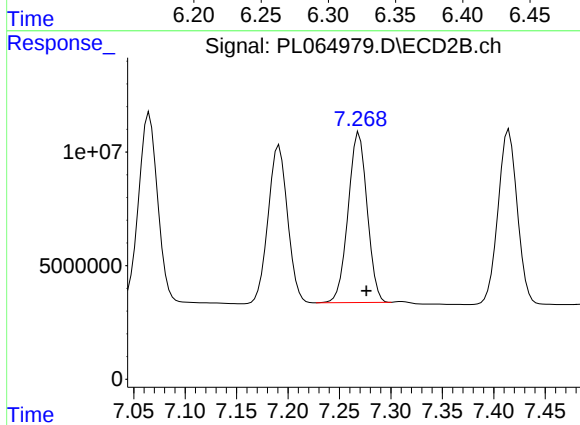
#17 4,4'-DDT

R.T.: 6.317 min
Delta R.T.: -0.007 min
Response: 128078966
Conc: 56.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

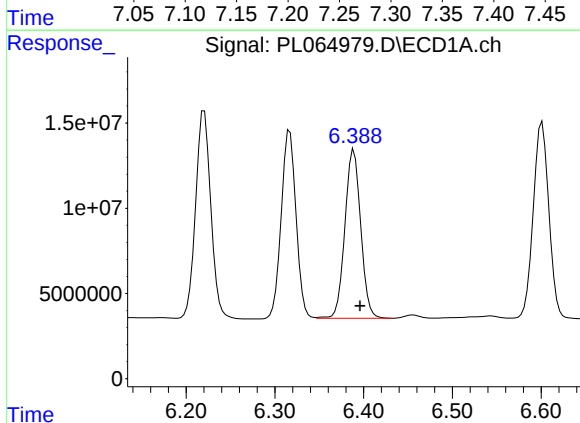
Manual Integrations
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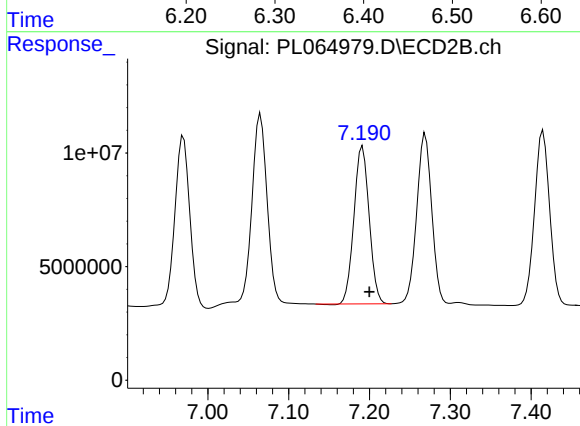
#17 4,4'-DDT

R.T.: 7.269 min
Delta R.T.: -0.007 min
Response: 96420252
Conc: 63.24 ng/ml



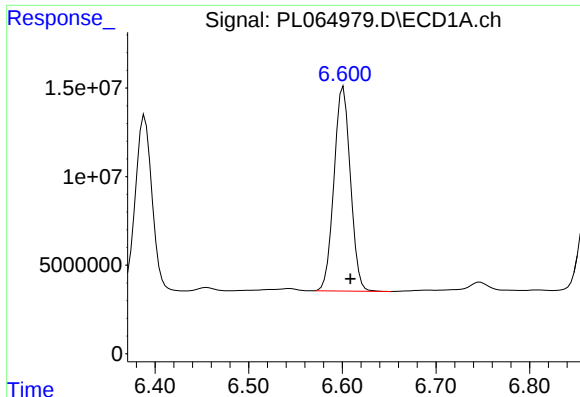
#18 Endrin aldehyde

R.T.: 6.389 min
Delta R.T.: -0.007 min
Response: 122697415
Conc: 50.32 ng/ml



#18 Endrin aldehyde

R.T.: 7.191 min
Delta R.T.: -0.009 min
Response: 90721880
Conc: 55.71 ng/ml



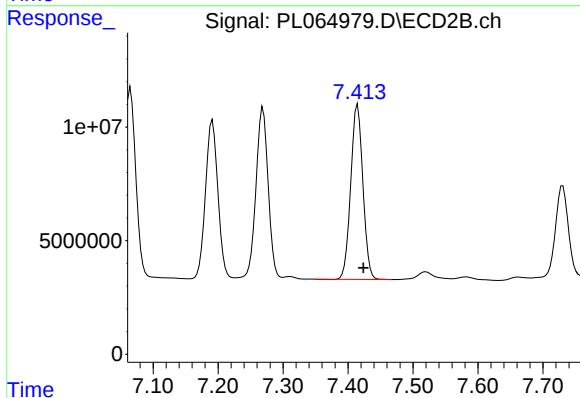
#19 Endosulfan Sulfate

R.T.: 6.601 min
Delta R.T.: -0.008 min
Response: 140731156
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

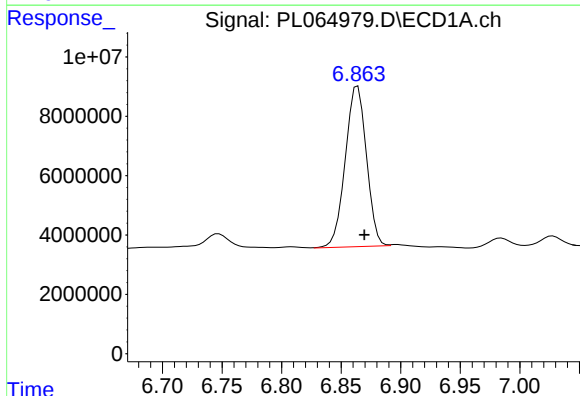
Manual Integrations
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3/1/2021 9:26:02 AM



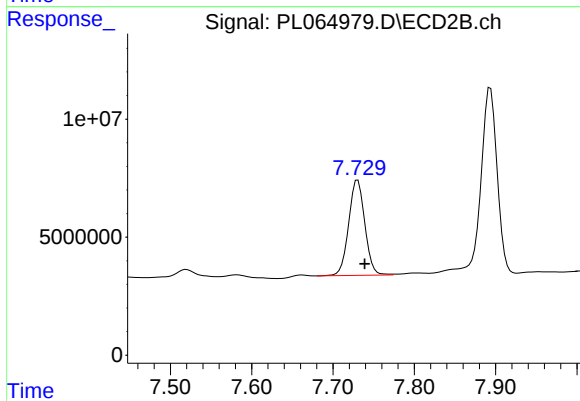
#19 Endosulfan Sulfate

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 100171401
Conc: 55.66 ng/ml



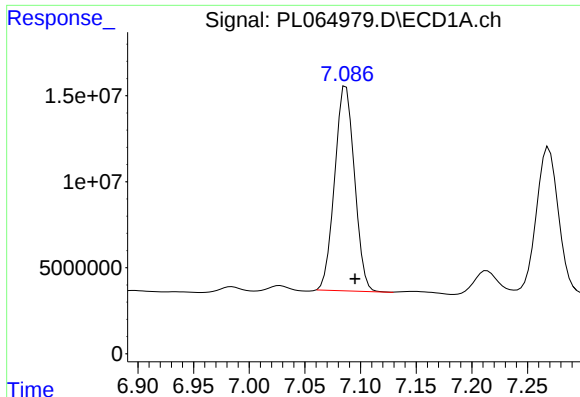
#20 Methoxychlor

R.T.: 6.863 min
Delta R.T.: -0.007 min
Response: 66997630
Conc: 51.74 ng/ml m



#20 Methoxychlor

R.T.: 7.730 min
Delta R.T.: -0.009 min
Response: 55725373
Conc: 61.65 ng/ml



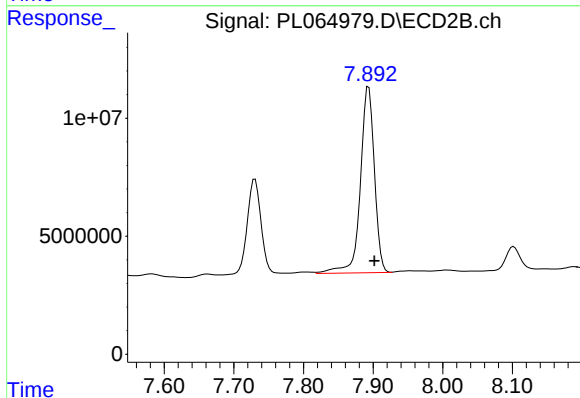
#21 Endrin ketone

R.T.: 7.087 min
Delta R.T.: -0.008 min
Response: 147679280
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

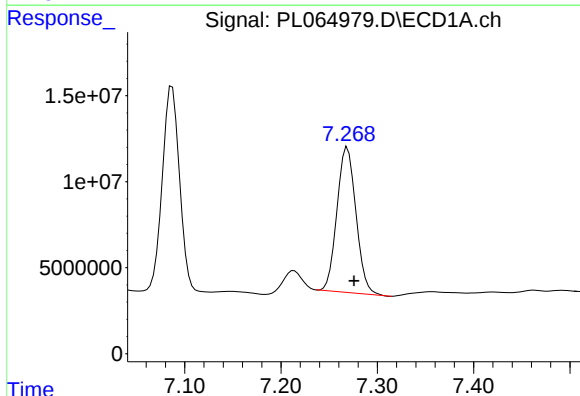
Manual Integrations
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3/1/2021 9:26:02 AM



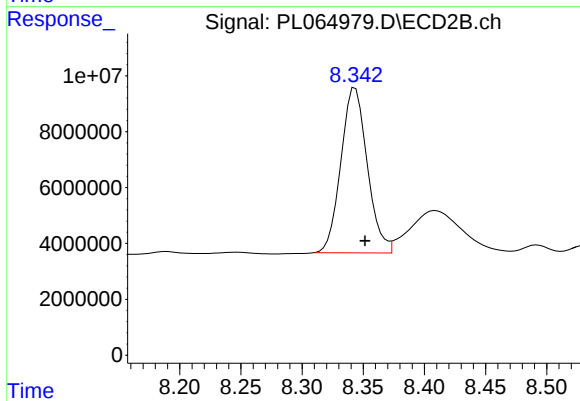
#21 Endrin ketone

R.T.: 7.894 min
Delta R.T.: -0.008 min
Response: 110563896
Conc: 57.84 ng/ml



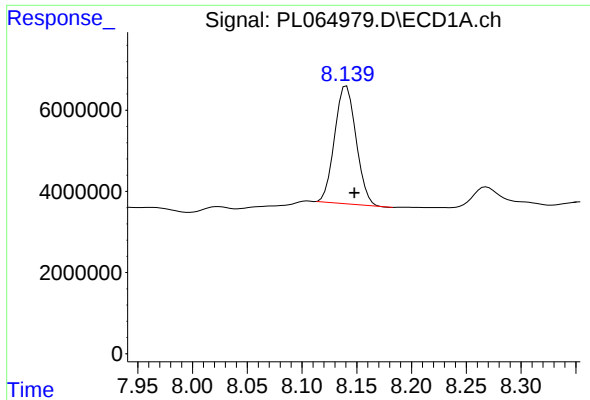
#22 Mirex

R.T.: 7.269 min
Delta R.T.: -0.007 min
Response: 115959649
Conc: 54.88 ng/ml



#22 Mirex

R.T.: 8.344 min
Delta R.T.: -0.008 min
Response: 88652161
Conc: 63.78 ng/ml



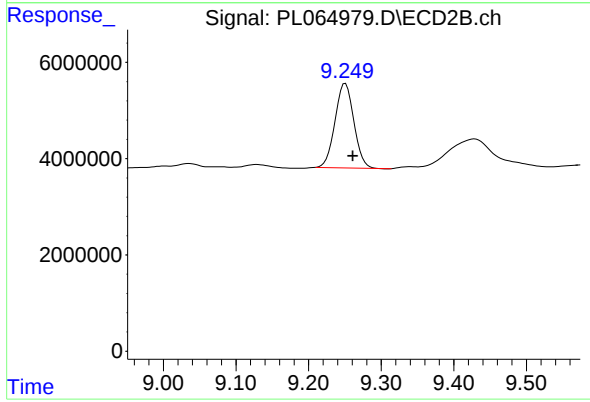
#28 Decachlorobiphenyl

R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 39659816
Conc: 17.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-LA-3-7-WCMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.251 min
Delta R.T.: -0.010 min
Response: 31552642
Conc: 16.61 ng/ml