

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021521\
 Data File : PL064801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 13:59
 Operator : AR\AJ
 Sample : M1402-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RO-RBR-200058MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 14:42:17 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	39931479	31610451	14.193	14.633
2)	SA Decachlor...	8.146	9.257	23131036	19628336	10.286	10.334
Target Compounds							
2)	A alpha-BHC	3.858	4.502	241.3E6	165.4E6	52.026	54.614
3)	MA gamma-BHC...	4.138	4.793	218.6E6	151.2E6	50.554	53.235m
4)	MA Heptachlor	4.435	5.306	196.3E6	146.3E6	47.883	49.369
5)	MB Aldrin	4.680	5.616	176.1E6	125.0E6	47.306	50.970
6)	B beta-BHC	4.389	4.973	82217734	65924573	48.104	50.386
7)	B delta-BHC	4.590	5.193	201.9E6	126.9E6	49.950	46.966m
8)	B Heptachlo...	5.121	6.010	169.9E6	106.9E6	48.934	48.433
9)	A Endosulfan I	5.456	6.372	152.6E6	103.7E6	47.581	49.456
10)	B gamma-Chl...	5.345	6.246	167.4E6	114.1E6	47.753m	49.374
11)	B alpha-Chl...	5.404	6.318	166.4E6	113.8E6	48.037	49.409
12)	B 4,4'-DDE	5.570	6.475	153.3E6	101.2E6	48.980	49.910
13)	MA Dieldrin	5.696	6.633	162.4E6	104.1E6	49.512m	48.715
14)	MA Endrin	5.951	6.855	140.9E6	86984775	46.900m	48.117
15)	B Endosulfa...	6.225	7.069	138.3E6	88444882	48.023	46.937
16)	A 4,4'-DDD	6.083	6.972	124.4E6	82023414	49.107	47.314m
17)	MA 4,4'-DDT	6.321	7.273	108.9E6	74223281	48.284	48.682
18)	B Endrin al...	6.393	7.195	112.5E6	77724994	46.145	47.732
19)	B Endosulfa...	6.606	7.418	131.6E6	84193283	46.398	46.784m
20)	A Methoxychlor	6.868	7.735	56155415	42735856	43.368m	47.276
21)	B Endrin ke...	7.092	7.898	134.9E6	87413131	47.037	45.726
22)	Mirex	7.275	8.348	98673075	68003149	46.699	48.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021521\
Data File : PL064801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2021 13:59
Operator : AR\AJ
Sample : M1402-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

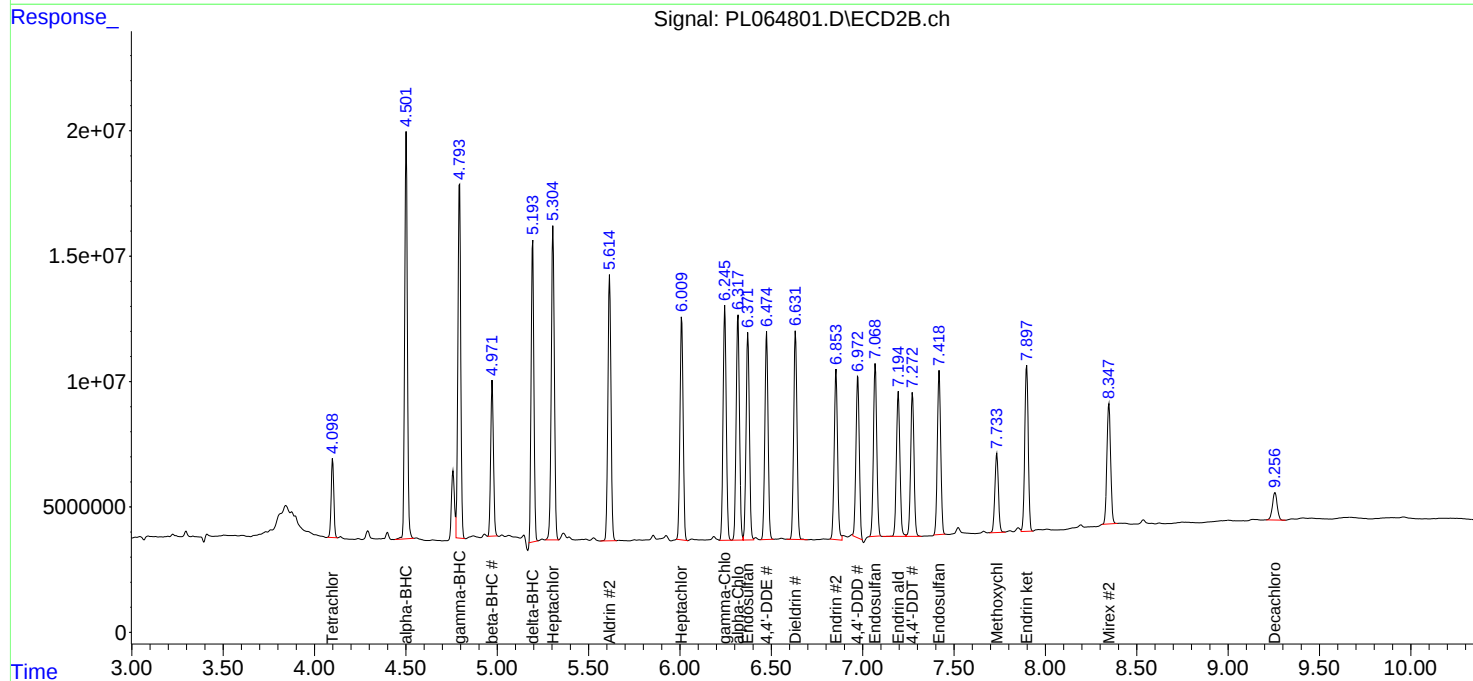
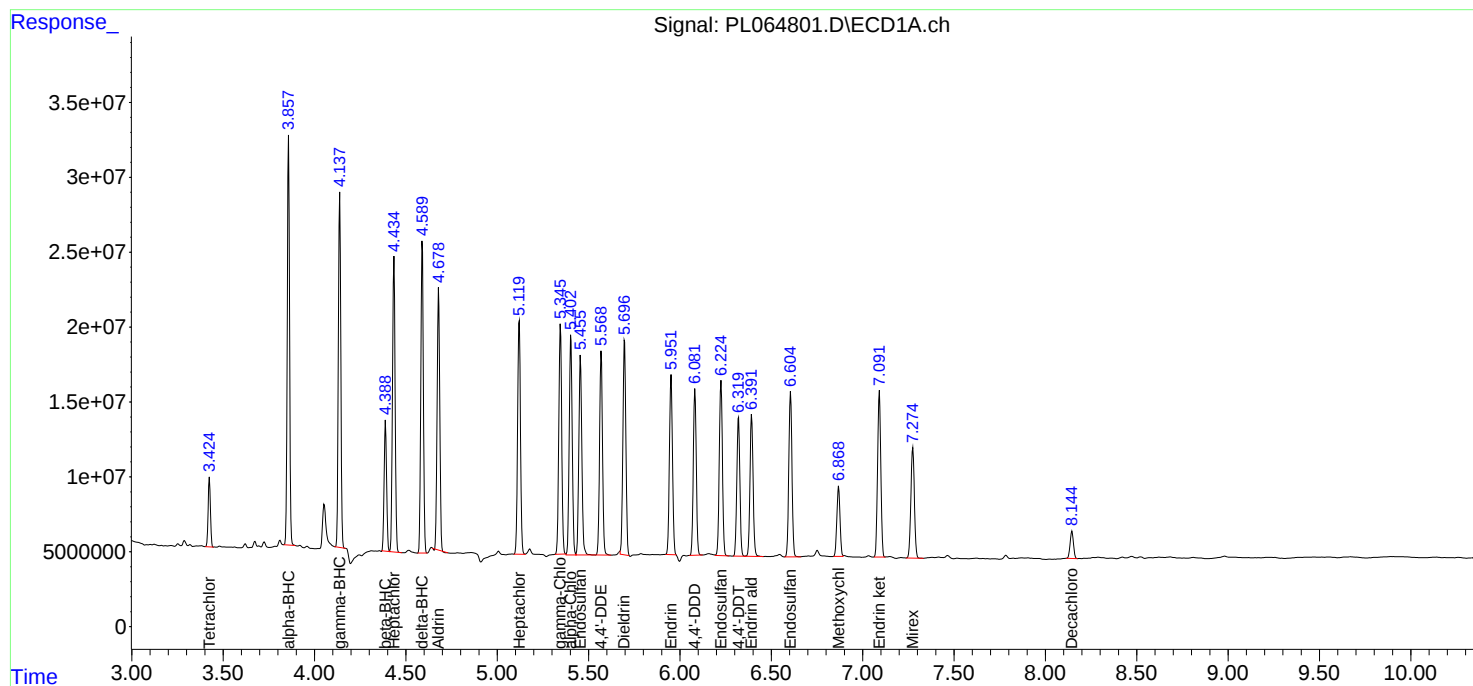
Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

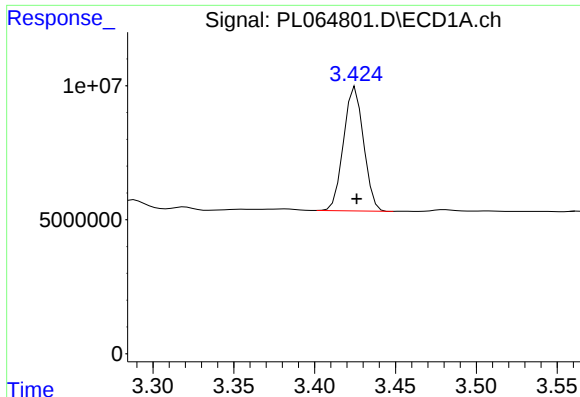
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 14:42:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
Quant Title : GC Extractables
QLast Update : Tue Feb 09 04:41:29 2021
Response via : Initial Calibration
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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





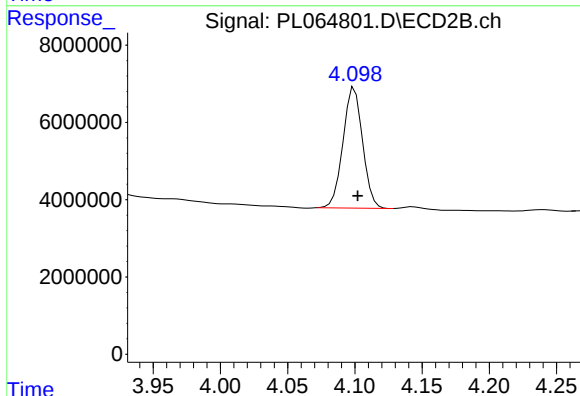
#1 Tetrachloro-m-xylene

R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 39931479
Conc: 14.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

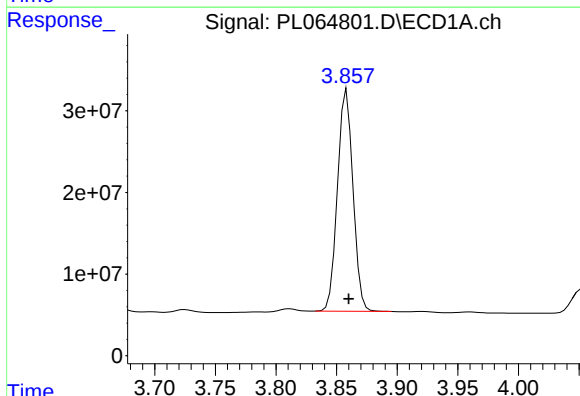
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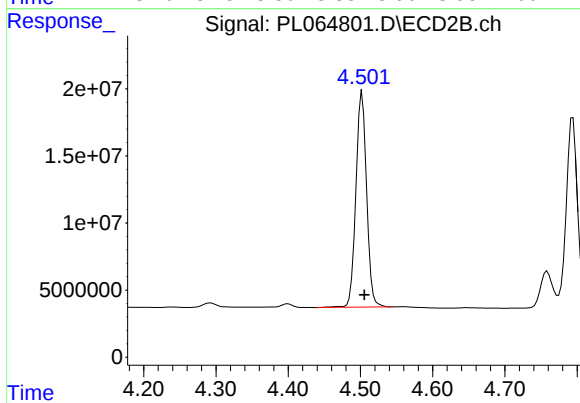
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 31610451
Conc: 14.63 ng/ml



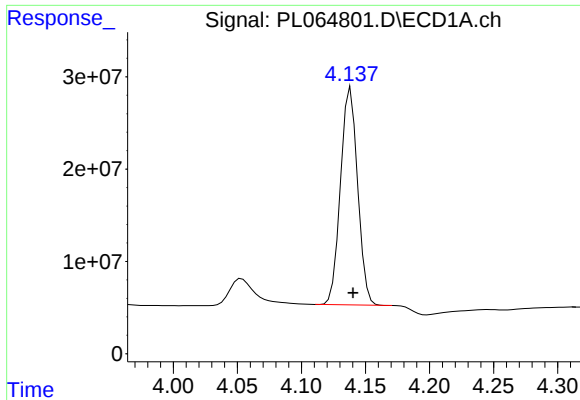
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: -0.001 min
Response: 241270761
Conc: 52.03 ng/ml



#2 alpha-BHC

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 165425262
Conc: 54.61 ng/ml



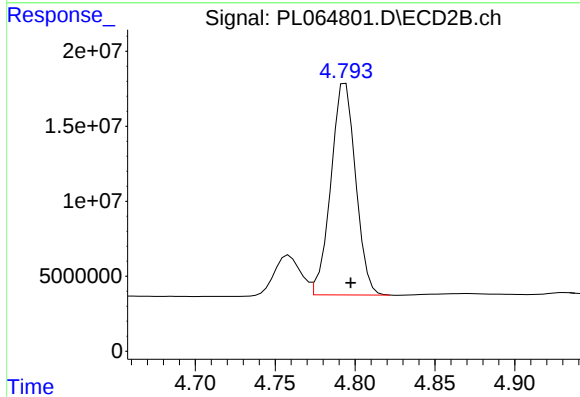
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 218571405
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

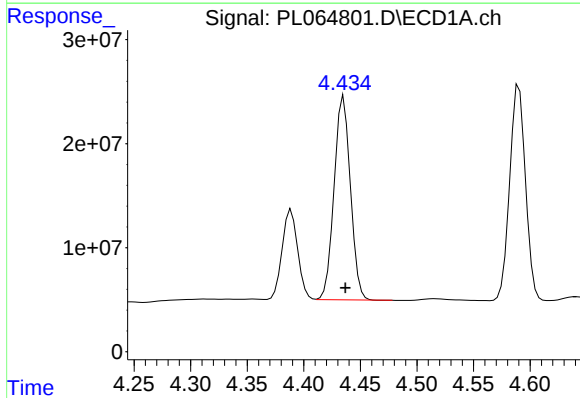
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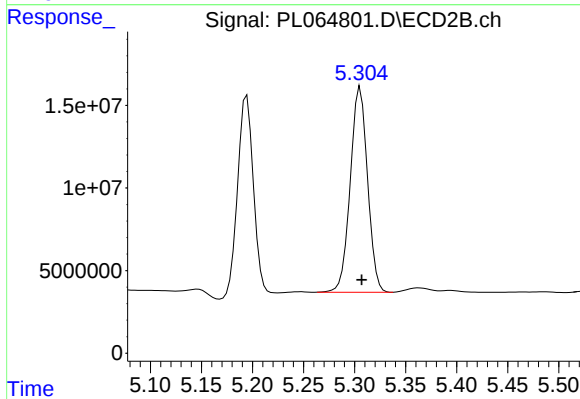
#3 gamma-BHC (Lindane)

R.T.: 4.793 min
Delta R.T.: -0.005 min
Response: 151210897
Conc: 53.23 ng/ml m



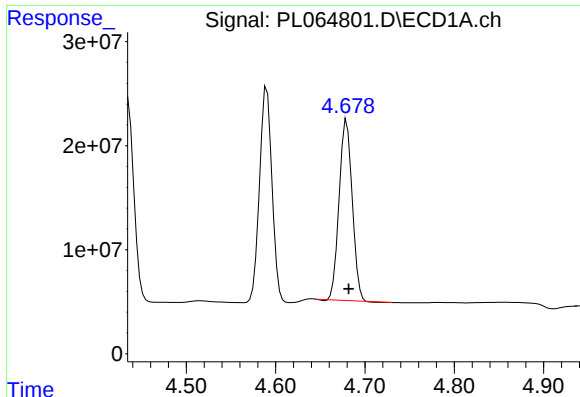
#4 Heptachlor

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 196326233
Conc: 47.88 ng/ml



#4 Heptachlor

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 146259160
Conc: 49.37 ng/ml



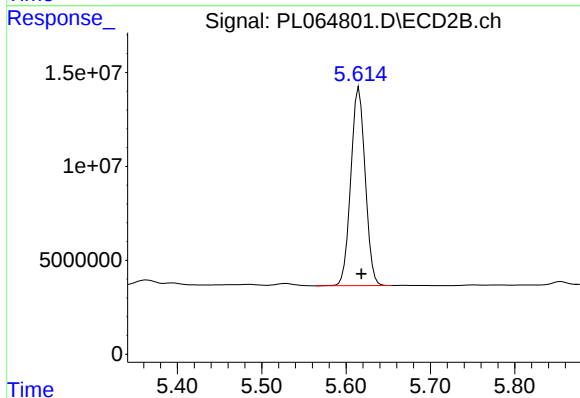
#5 Aldrin

R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 176148560
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

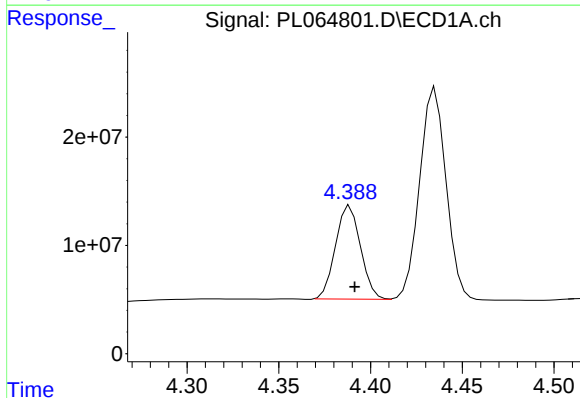
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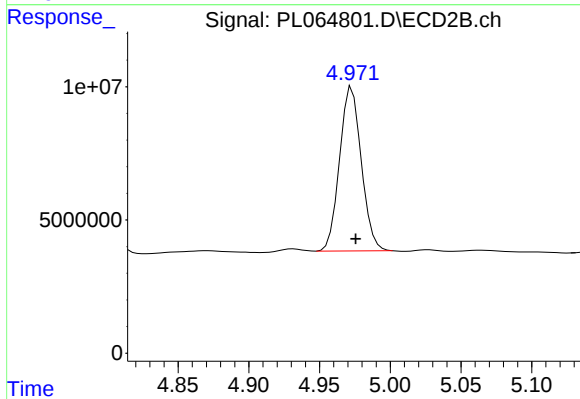
#5 Aldrin

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 124996125
Conc: 50.97 ng/ml



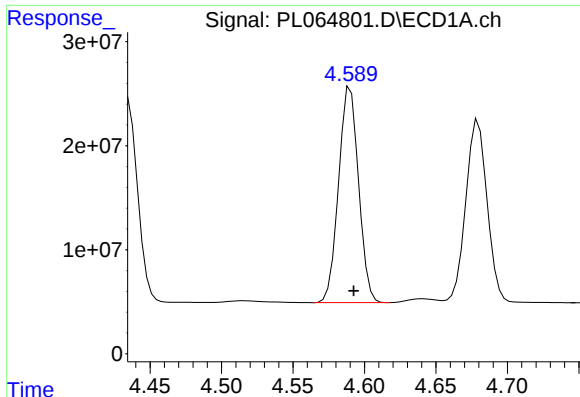
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 82217734
Conc: 48.10 ng/ml



#6 beta-BHC

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 65924573
Conc: 50.39 ng/ml



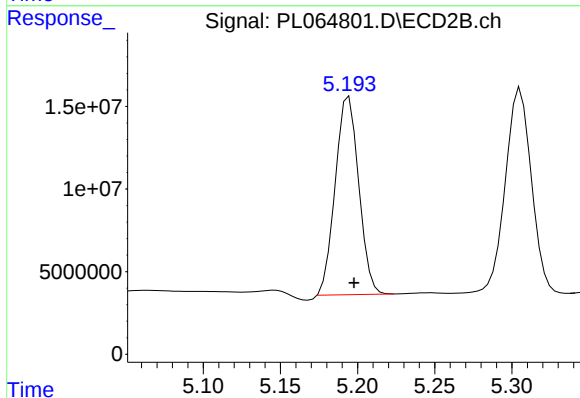
#7 delta-BHC

R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 201910223
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

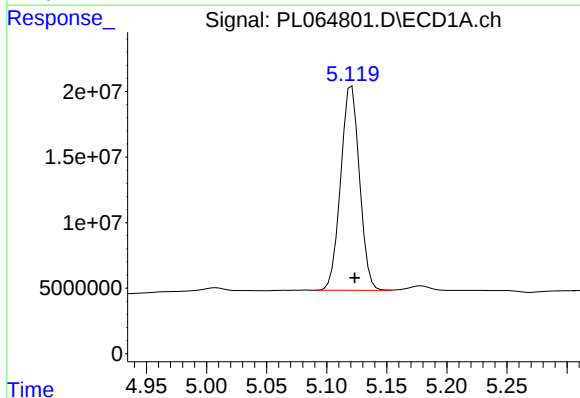
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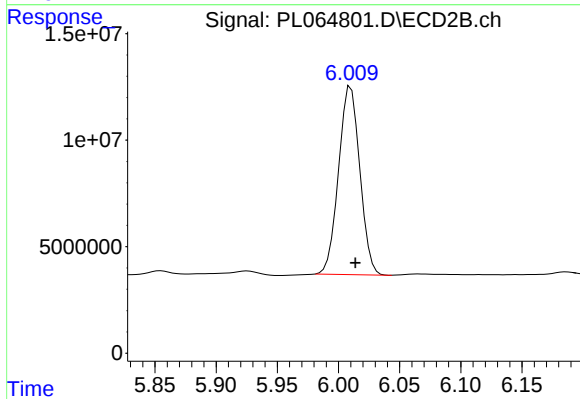
#7 delta-BHC

R.T.: 5.193 min
Delta R.T.: -0.005 min
Response: 126890685
Conc: 46.97 ng/ml m



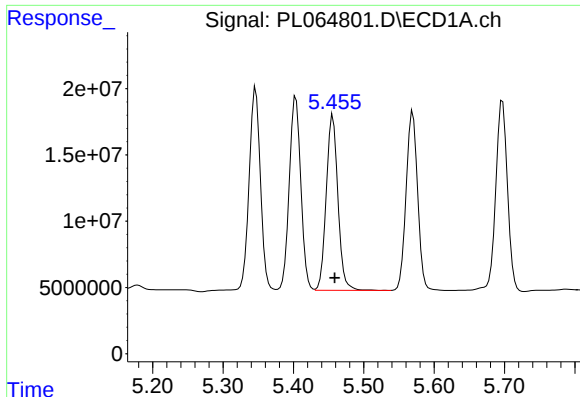
#8 Heptachlor epoxide

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 169893439
Conc: 48.93 ng/ml



#8 Heptachlor epoxide

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 106858133
Conc: 48.43 ng/ml



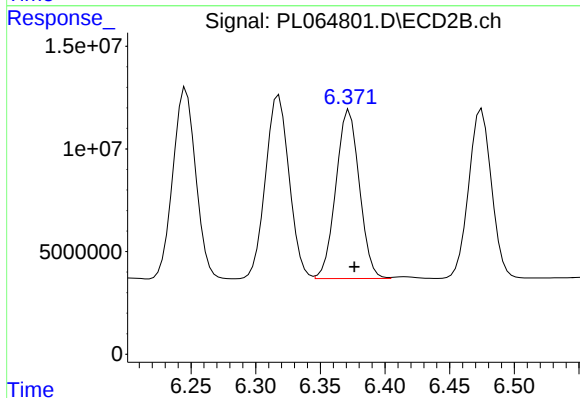
#9 Endosulfan I

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 152587539
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

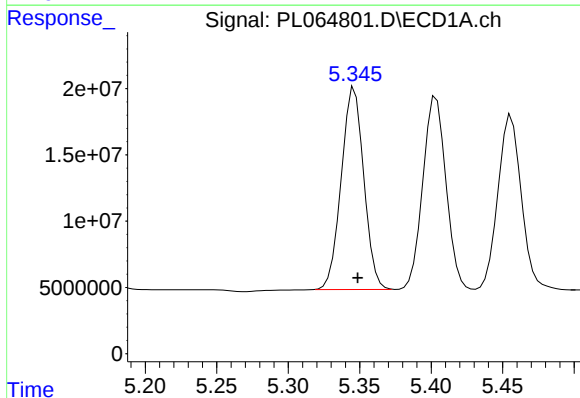
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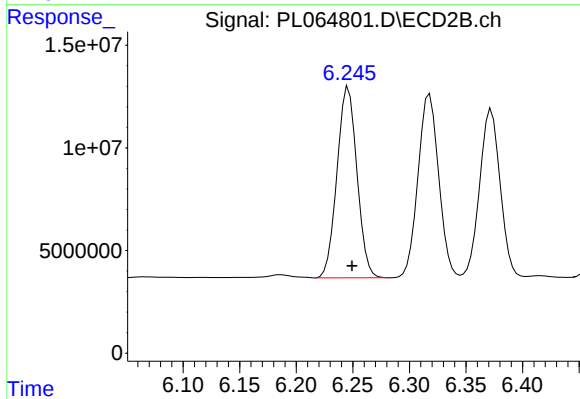
#9 Endosulfan I

R.T.: 6.372 min
Delta R.T.: -0.004 min
Response: 103730705
Conc: 49.46 ng/ml



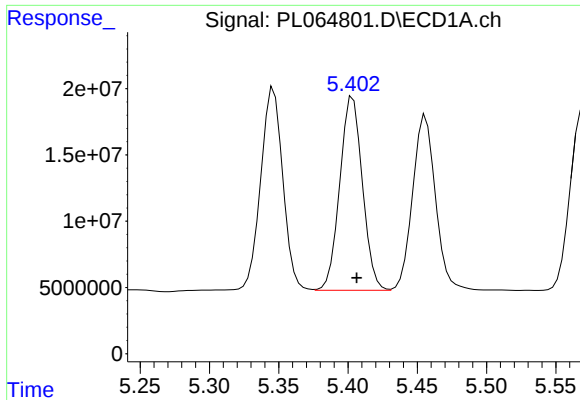
#10 gamma-Chlordane

R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 167441877
Conc: 47.75 ng/ml m



#10 gamma-Chlordane

R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 114104943
Conc: 49.37 ng/ml



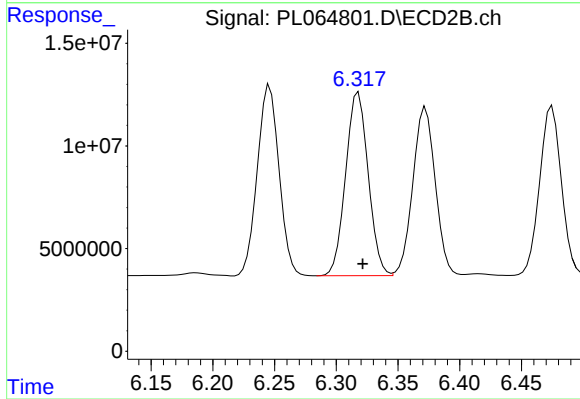
#11 alpha-Chlordane

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 166375769
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

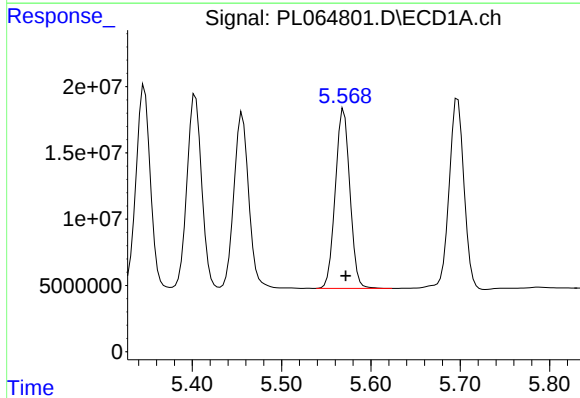
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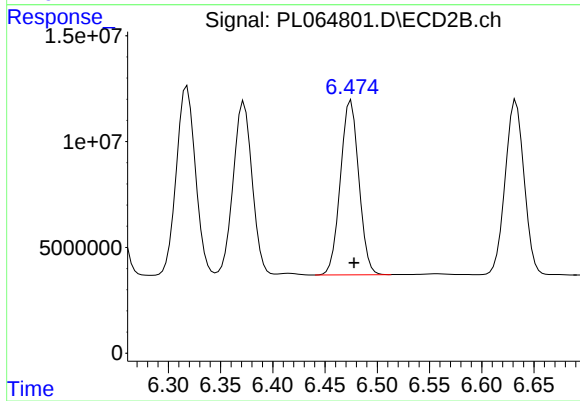
#11 alpha-Chlordane

R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 113750725
Conc: 49.41 ng/ml



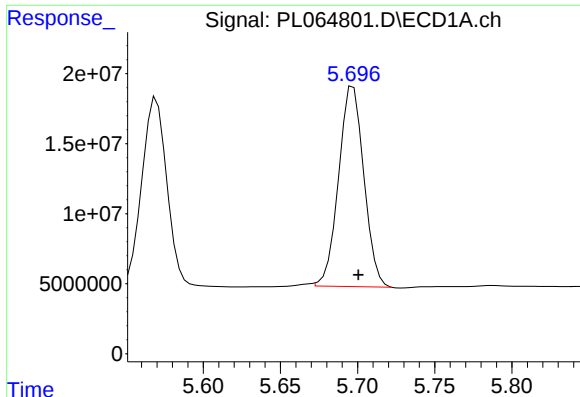
#12 4,4'-DDE

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 153279186
Conc: 48.98 ng/ml



#12 4,4'-DDE

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 101218240
Conc: 49.91 ng/ml



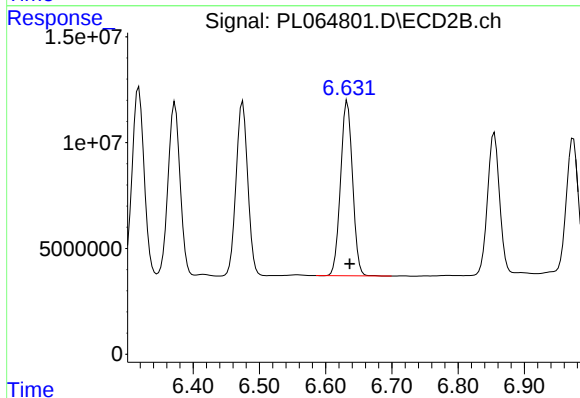
#13 Dieldrin

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 162406730
Conc: 49.51 ng/ml m

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

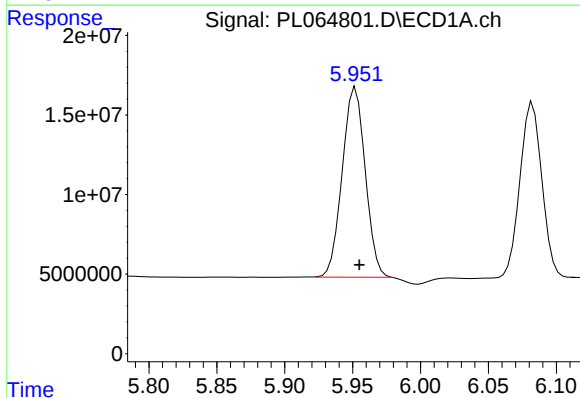
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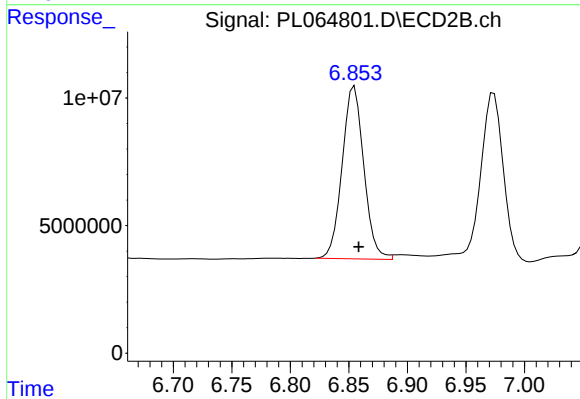
#13 Dieldrin

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 104137013
Conc: 48.72 ng/ml



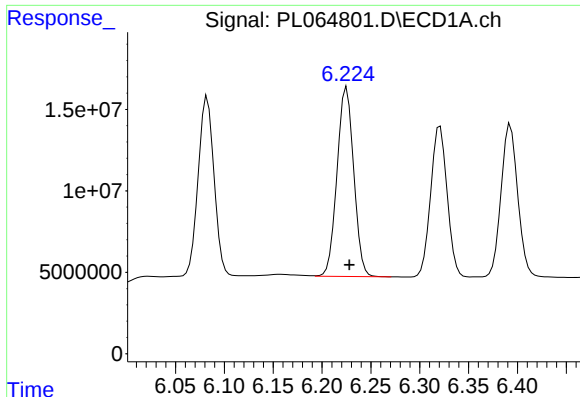
#14 Endrin

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 140858107
Conc: 46.90 ng/ml m



#14 Endrin

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 86984775
Conc: 48.12 ng/ml



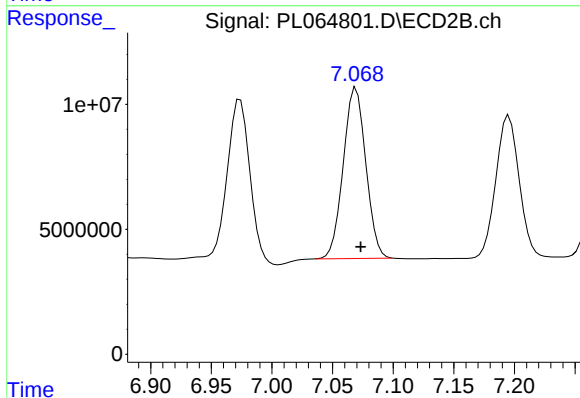
#15 Endosulfan II

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 138280924
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

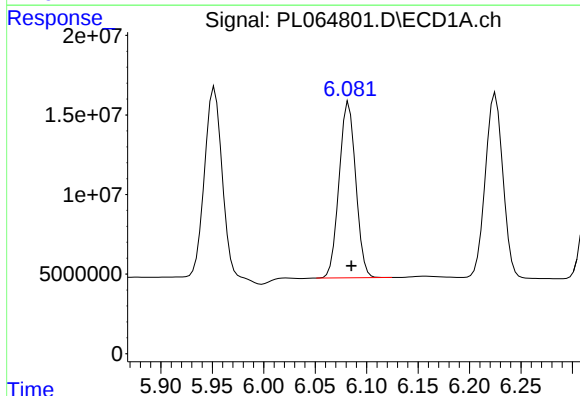
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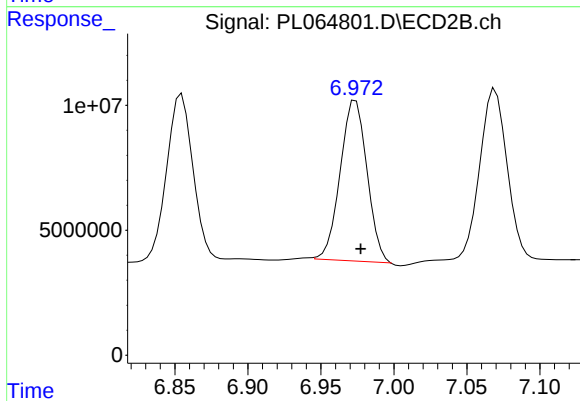
#15 Endosulfan II

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 88444882
Conc: 46.94 ng/ml



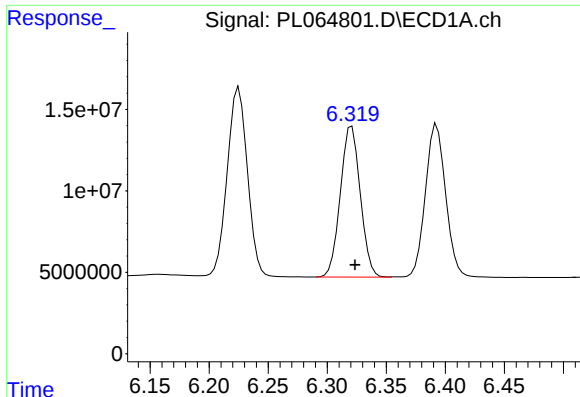
#16 4,4'-DDD

R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 124367838
Conc: 49.11 ng/ml



#16 4,4'-DDD

R.T.: 6.972 min
Delta R.T.: -0.005 min
Response: 82023414
Conc: 47.31 ng/ml m



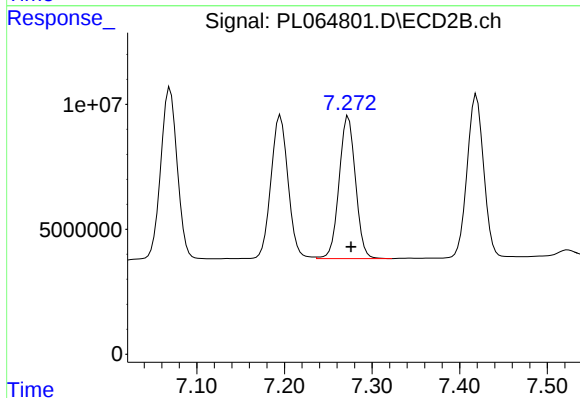
#17 4,4'-DDT

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 108878542
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

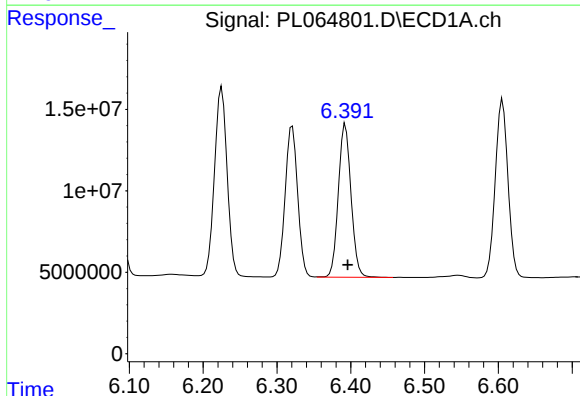
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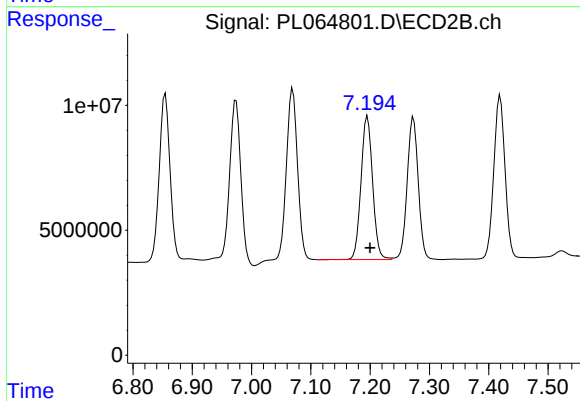
#17 4,4'-DDT

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 74223281
Conc: 48.68 ng/ml



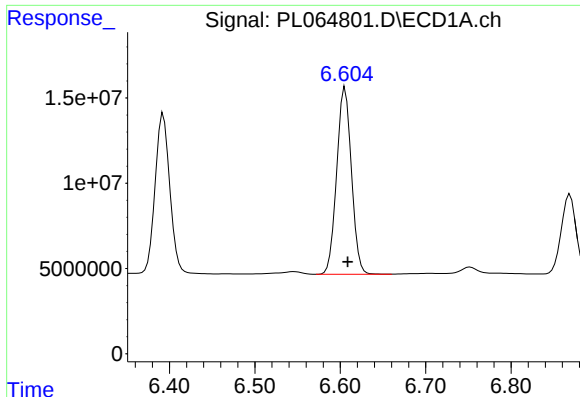
#18 Endrin aldehyde

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 112509499
Conc: 46.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 77724994
Conc: 47.73 ng/ml



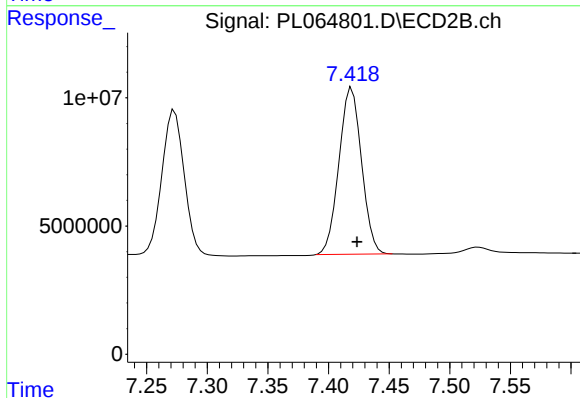
#19 Endosulfan Sulfate

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 131578948
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

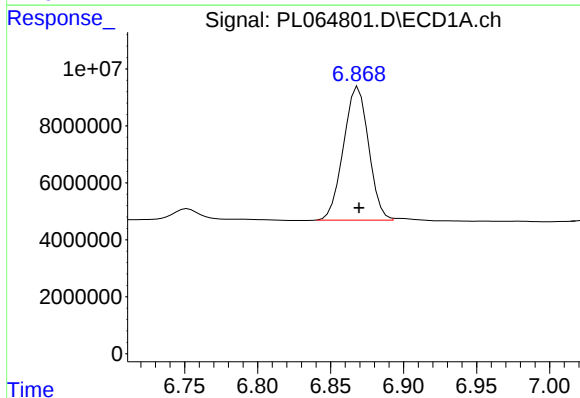
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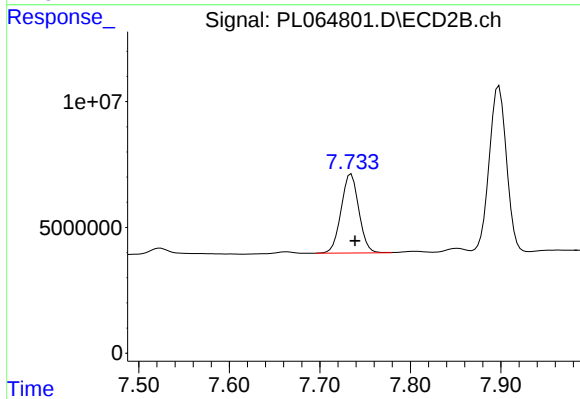
#19 Endosulfan Sulfate

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 84193283
Conc: 46.78 ng/ml m



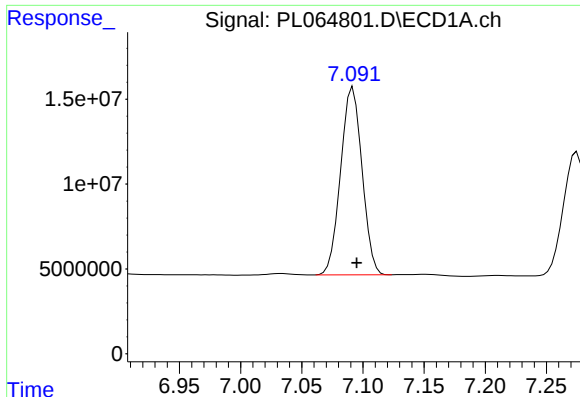
#20 Methoxychlor

R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 56155415
Conc: 43.37 ng/ml m



#20 Methoxychlor

R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 42735856
Conc: 47.28 ng/ml



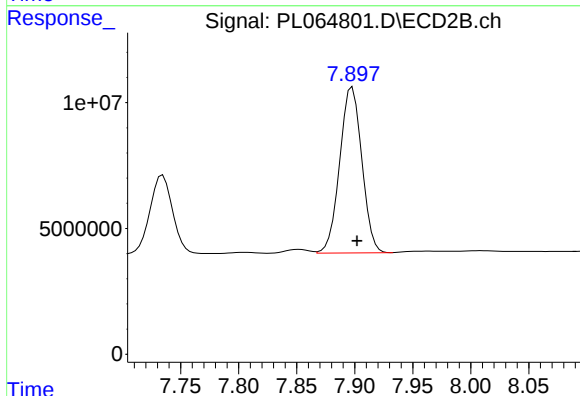
#21 Endrin ketone

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 134904897
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

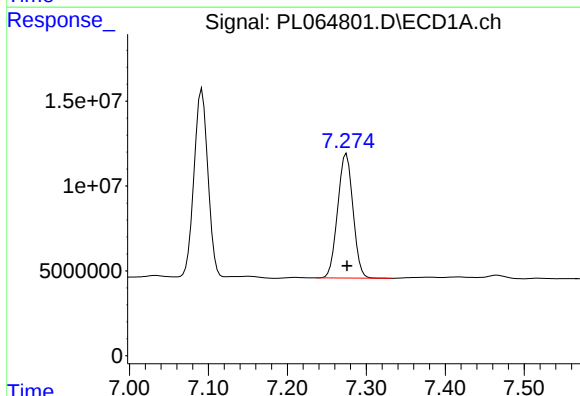
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2/16/2021 9:51:22 AM



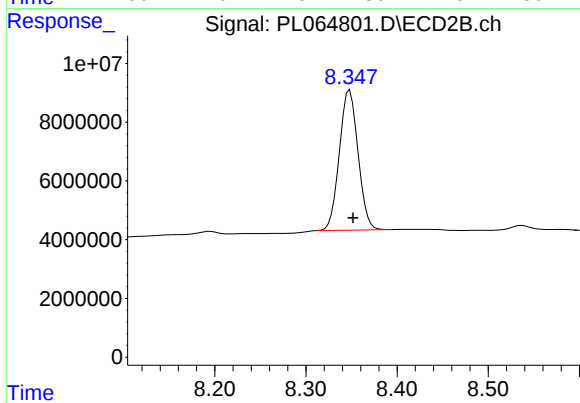
#21 Endrin ketone

R.T.: 7.898 min
Delta R.T.: -0.004 min
Response: 87413131
Conc: 45.73 ng/ml



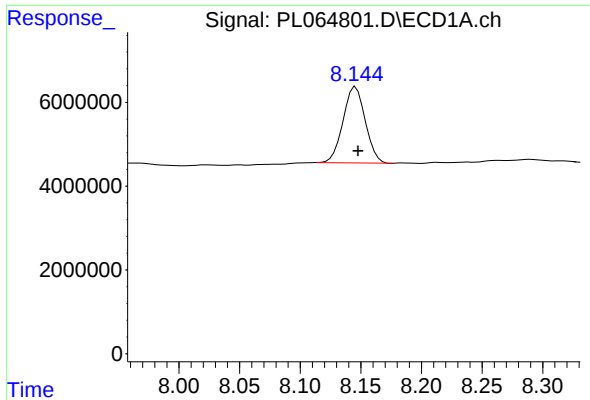
#22 Mirex

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 98673075
Conc: 46.70 ng/ml



#22 Mirex

R.T.: 8.348 min
Delta R.T.: -0.003 min
Response: 68003149
Conc: 48.92 ng/ml



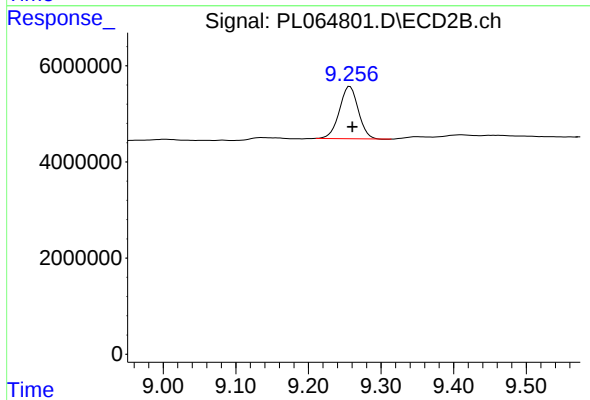
#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: -0.002 min
Response: 23131036
Conc: 10.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.257 min
Delta R.T.: -0.004 min
Response: 19628336
Conc: 10.33 ng/ml