

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020321\
 Data File : PL064595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2021 22:20
 Operator : AR\AJ
 Sample : M1291-14MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU421-008-0510MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 03:39:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012921.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 29 04:48:57 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...	3.432	4.108	63205704	51961844	20.763	21.814
28)	SA Decachlor...	8.164	9.272	58529344	42866411	18.573	20.937
Target Compounds							
2)	A alpha-BHC	3.866	4.510	236.9E6	173.4E6	47.227	50.149
3)	MA gamma-BHC...	4.146	4.801	219.8E6	162.4E6	46.930	49.270
4)	MA Heptachlor	4.445	5.313	210.8E6	163.2E6	45.594	46.824m
5)	MB Aldrin	4.691	5.625	200.8E6	144.2E6	47.249	48.310
6)	B beta-BHC	4.395	4.978	87439680	71999887	45.244	42.548
7)	B delta-BHC	4.598	5.200	202.8E6	140.1E6	43.585	45.491
8)	B Heptachlo...	5.132	6.019	184.3E6	118.3E6	45.255	46.179
9)	A Endosulfan I	5.468	6.382	171.2E6	128.4E6	45.343	48.295
10)	B gamma-Chl...	5.358	6.255	184.5E6	136.5E6	44.553	46.959
11)	B alpha-Chl...	5.416	6.328	182.5E6	136.6E6	44.505	46.427
12)	B 4,4'-DDE	5.582	6.484	167.8E6	124.7E6	44.519	48.154
13)	MA Dieldrin	5.709	6.643	182.0E6	130.3E6	45.508	47.273
14)	MA Endrin	5.964	6.865	170.7E6	107.9E6	46.660	46.990
15)	B Endosulfa...	6.237	7.078	160.4E6	112.4E6	44.349	45.514
16)	A 4,4'-DDD	6.096	6.983	136.5E6	106.8E6	43.383	46.418
17)	MA 4,4'-DDT	6.335	7.283	139.3E6	90257328	45.383	43.942
18)	B Endrin al...	6.405	7.204	142.4E6	93362696	46.418	43.967
19)	B Endosulfa...	6.617	7.427	170.4E6	103.2E6	46.886	42.929
20)	A Methoxychlor	6.879	7.743	90078930	55008631	49.868m	43.480
21)	B Endrin ke...	7.103	7.907	168.8E6	112.3E6	43.296m	46.185
22)	Mirex	7.291	8.360	126.4E6	95448696	42.180	49.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020321\
Data File : PL064595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2021 22:20
Operator : AR\AJ
Sample : M1291-14MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

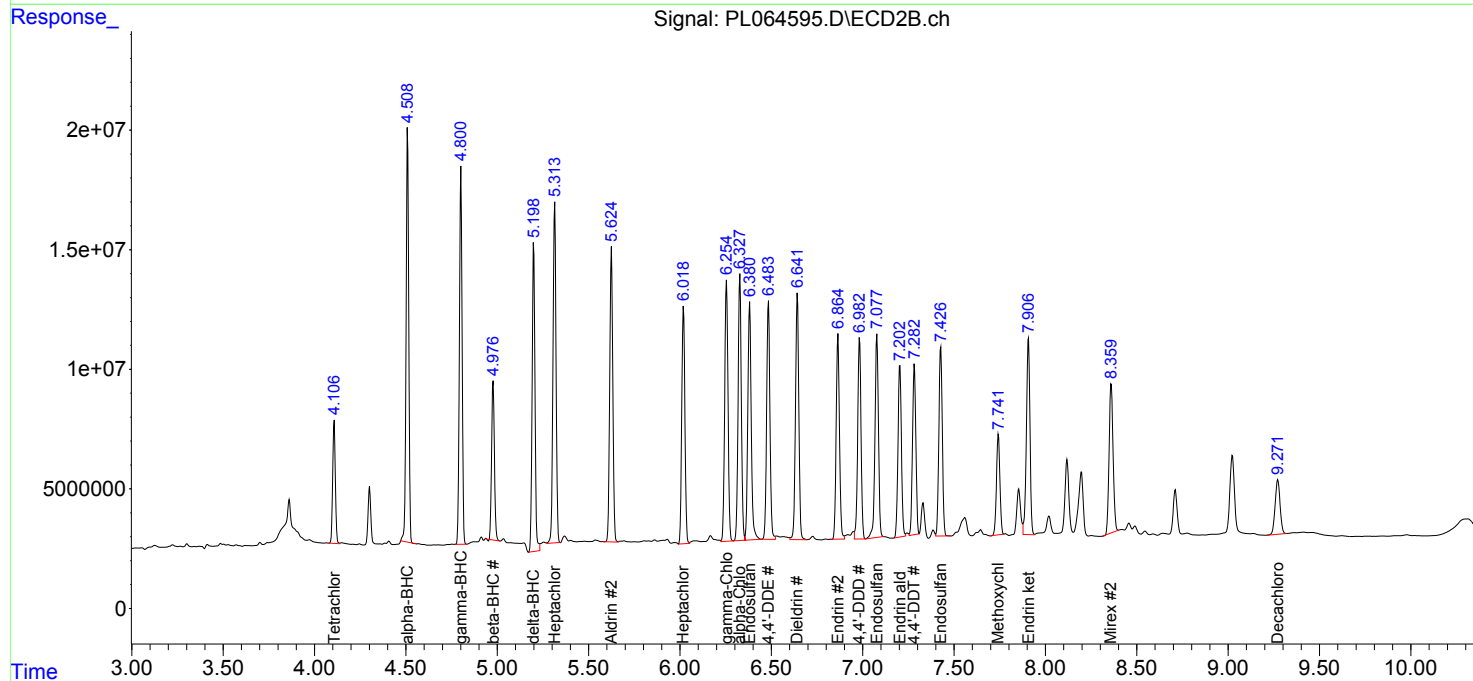
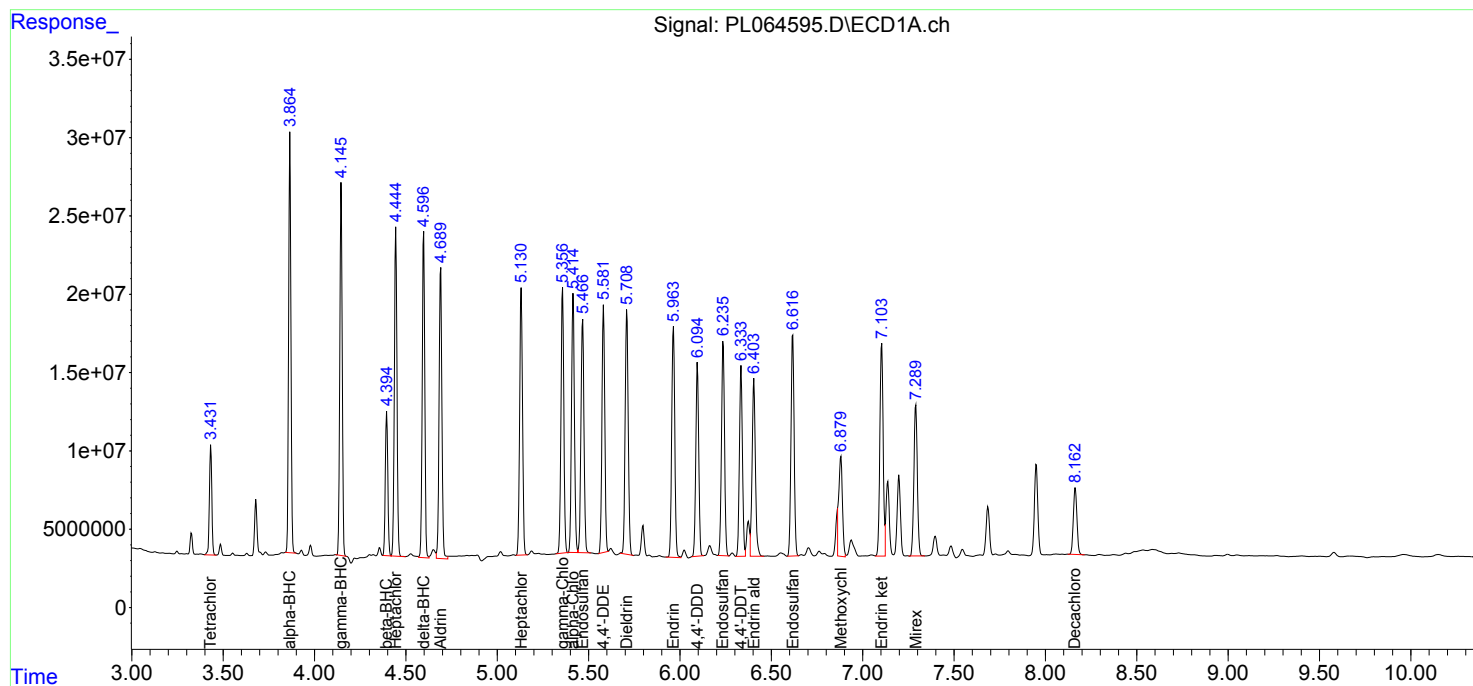
Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

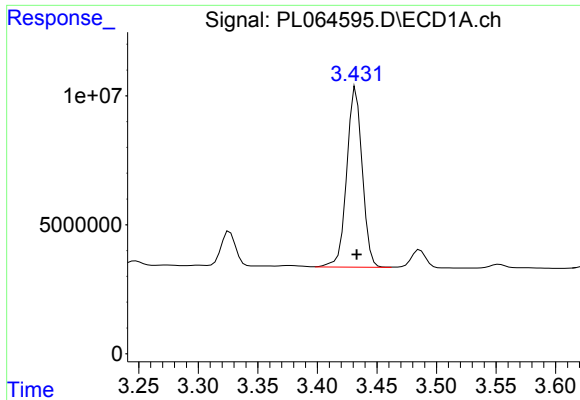
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 03:39:18 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012921.M
Quant Title : GC Extractables
QLast Update : Fri Jan 29 04:48:57 2021
Response 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





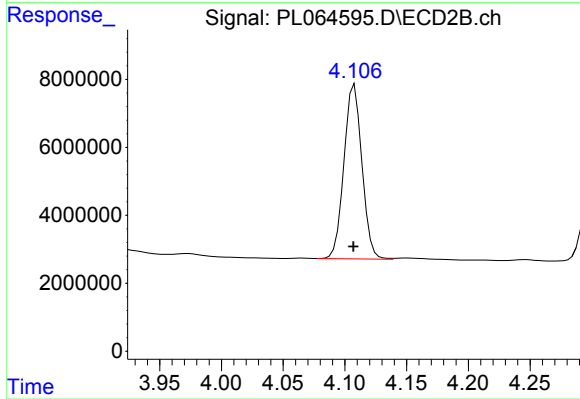
#1 Tetrachloro-m-xylene

R.T.: 3.432 min
Delta R.T.: 0.000 min
Response: 63205704
Conc: 20.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

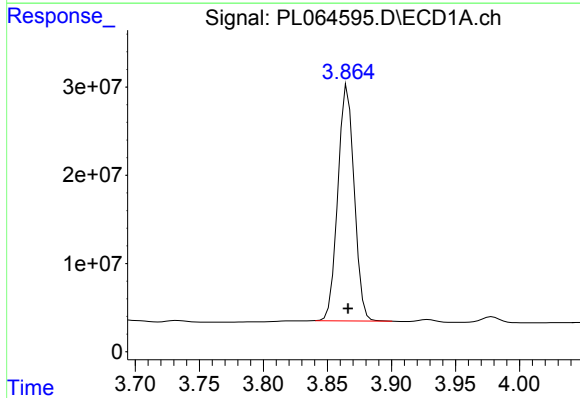
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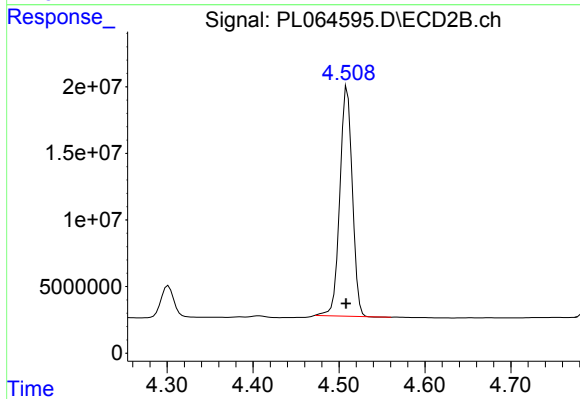
#1 Tetrachloro-m-xylene

R.T.: 4.108 min
Delta R.T.: 0.000 min
Response: 51961844
Conc: 21.81 ng/ml



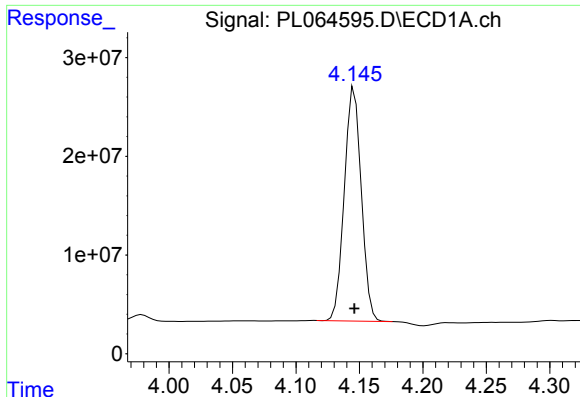
#2 alpha-BHC

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 236909683
Conc: 47.23 ng/ml



#2 alpha-BHC

R.T.: 4.510 min
Delta R.T.: 0.001 min
Response: 173376999
Conc: 50.15 ng/ml



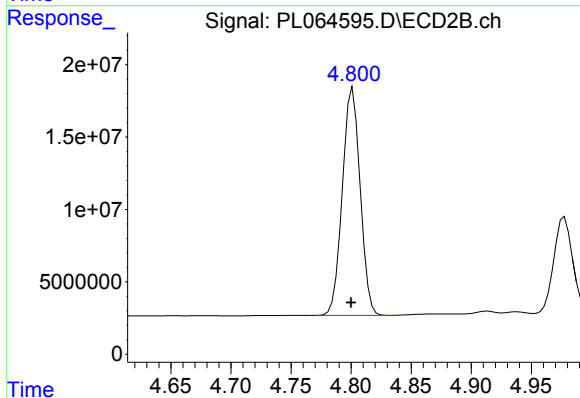
#3 gamma-BHC (Lindane)

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 219791218
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

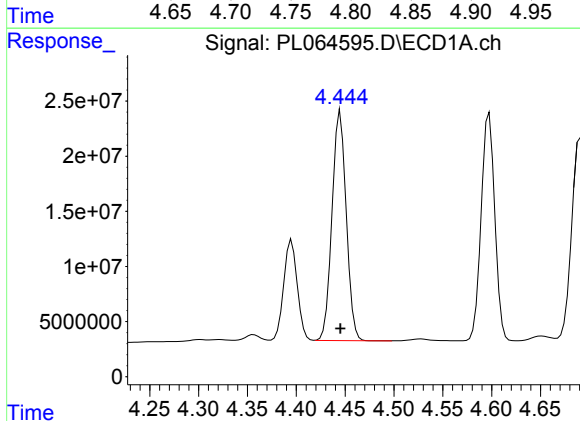
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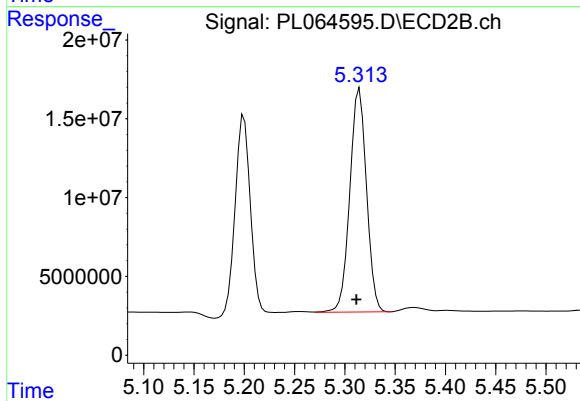
#3 gamma-BHC (Lindane)

R.T.: 4.801 min
Delta R.T.: 0.001 min
Response: 162438134
Conc: 49.27 ng/ml



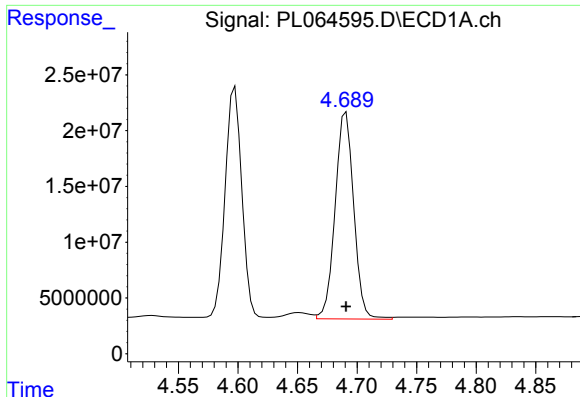
#4 Heptachlor

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 210823058
Conc: 45.59 ng/ml



#4 Heptachlor

R.T.: 5.313 min
Delta R.T.: 0.002 min
Response: 163193027
Conc: 46.82 ng/ml m



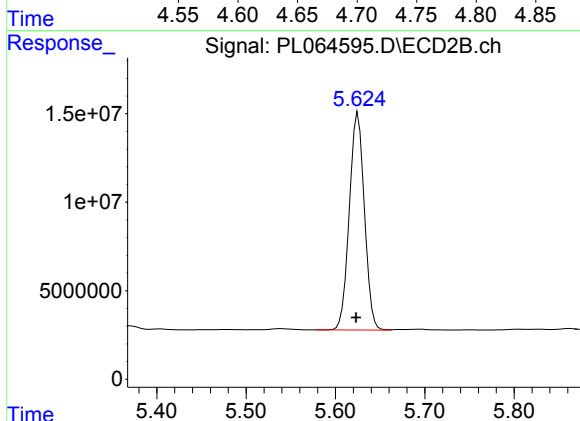
#5 Aldrin

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 200782348
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

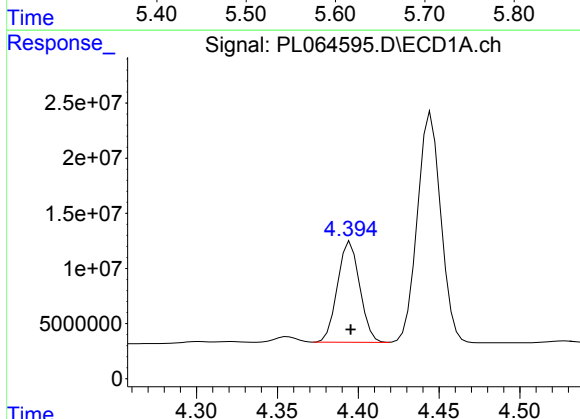
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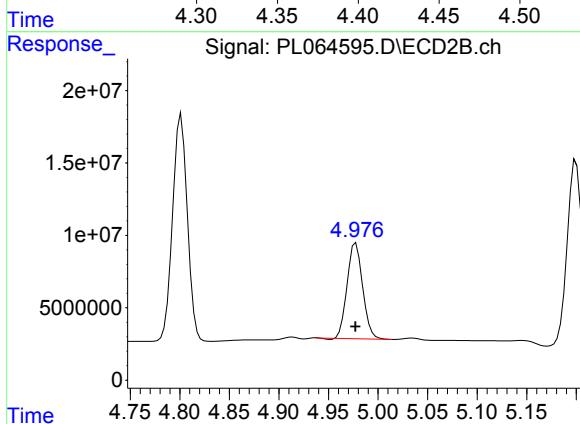
#5 Aldrin

R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 144195608
Conc: 48.31 ng/ml



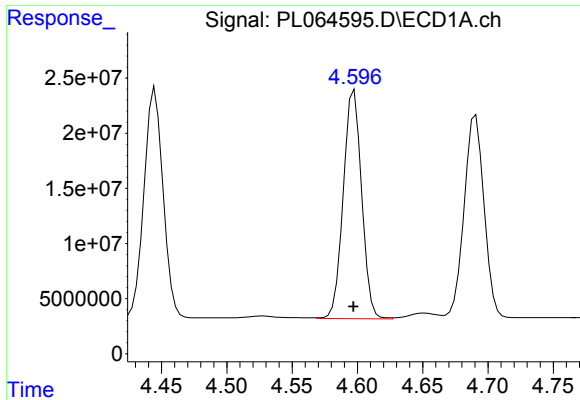
#6 beta-BHC

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 87439680
Conc: 45.24 ng/ml



#6 beta-BHC

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 71999887
Conc: 42.55 ng/ml



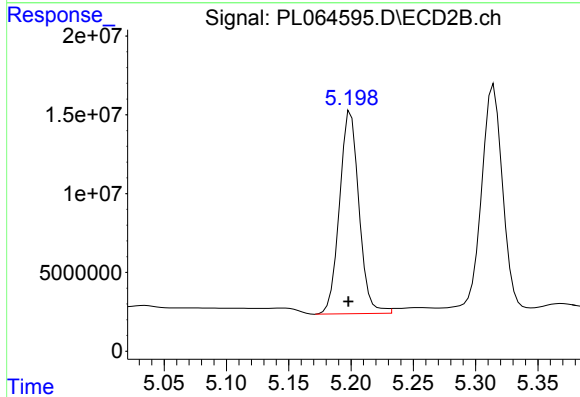
#7 delta-BHC

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 202807796
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

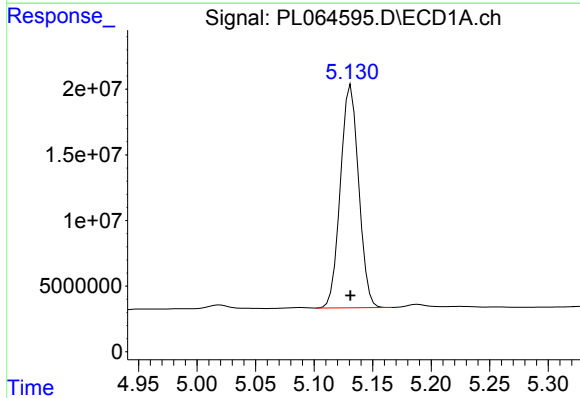
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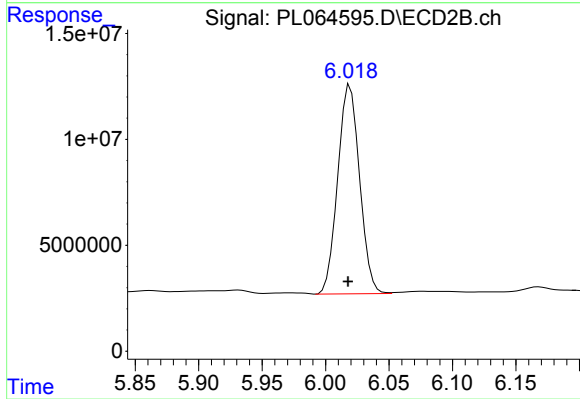
#7 delta-BHC

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 140121232
Conc: 45.49 ng/ml



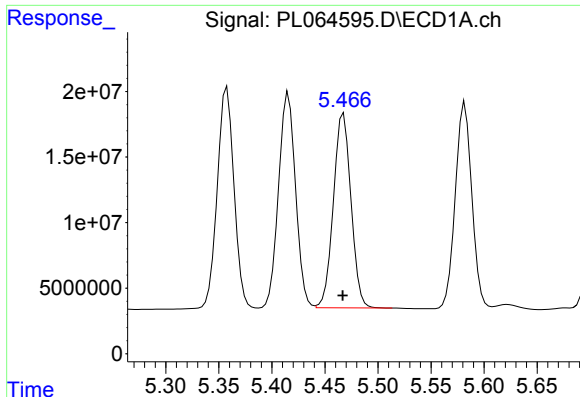
#8 Heptachlor epoxide

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 184347451
Conc: 45.25 ng/ml



#8 Heptachlor epoxide

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 118286984
Conc: 46.18 ng/ml



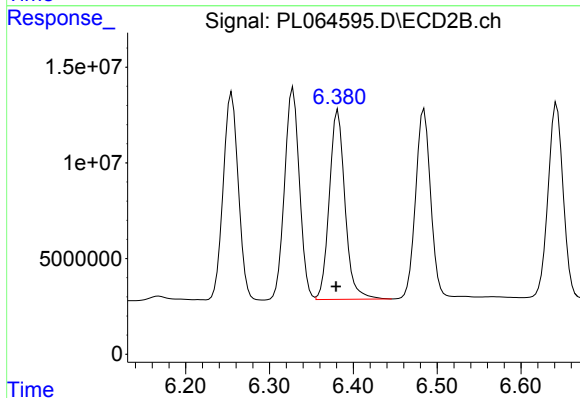
#9 Endosulfan I

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 171229717
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

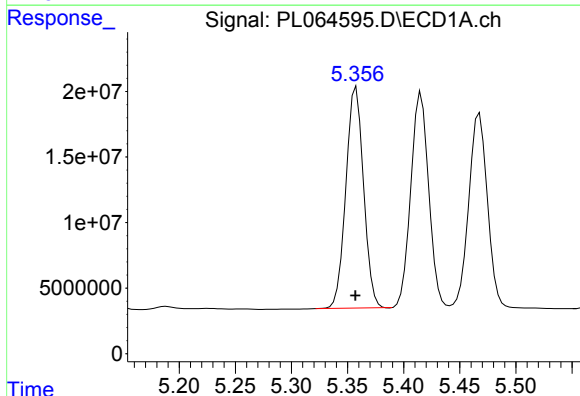
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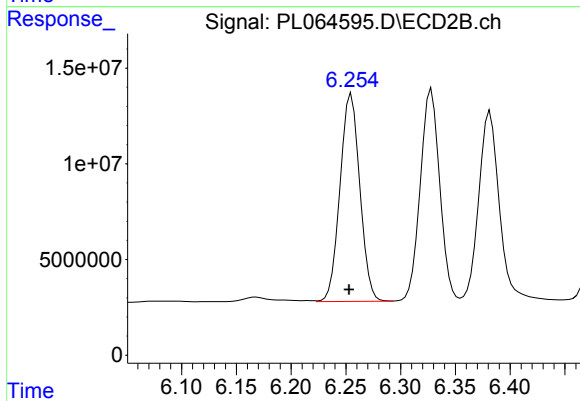
#9 Endosulfan I

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 128449907
Conc: 48.29 ng/ml



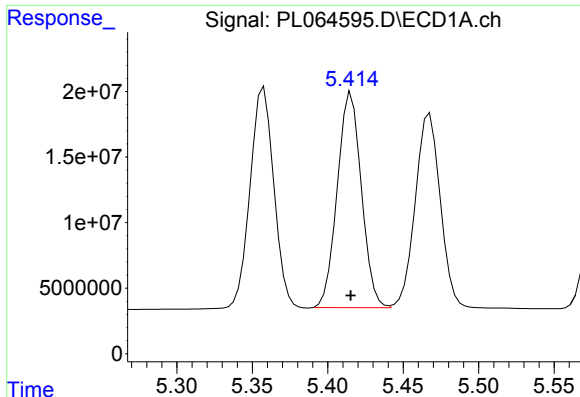
#10 gamma-Chlordane

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 184453839
Conc: 44.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 136521161
Conc: 46.96 ng/ml



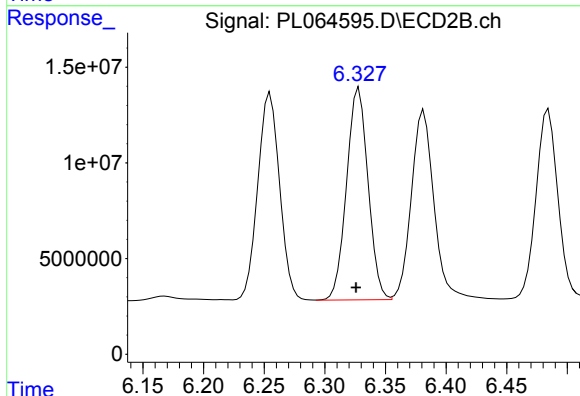
#11 alpha-Chlordane

R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 182499445
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

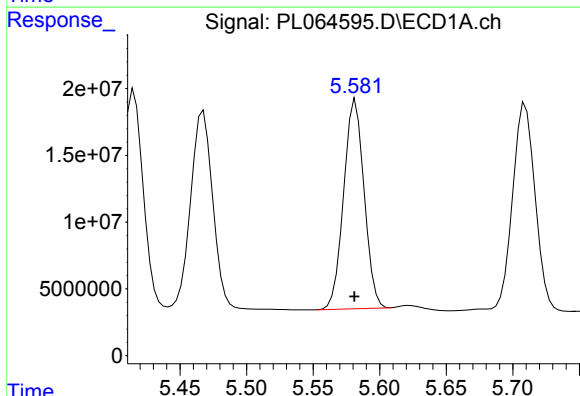
Manual Integrations
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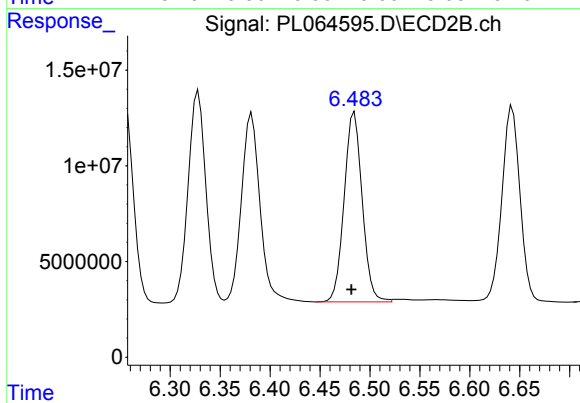
#11 alpha-Chlordane

R.T.: 6.328 min
Delta R.T.: 0.003 min
Response: 136613732
Conc: 46.43 ng/ml



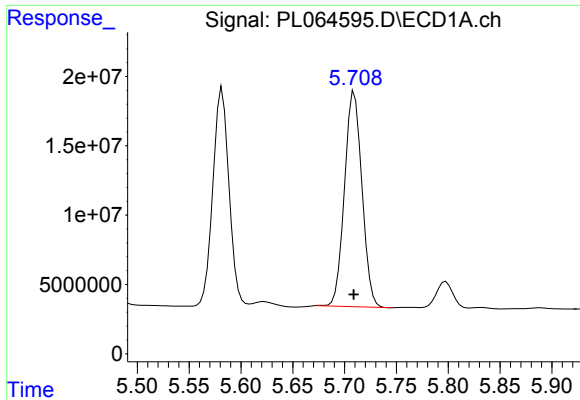
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: 0.001 min
Response: 167817292
Conc: 44.52 ng/ml



#12 4,4'-DDE

R.T.: 6.484 min
Delta R.T.: 0.003 min
Response: 124686534
Conc: 48.15 ng/ml



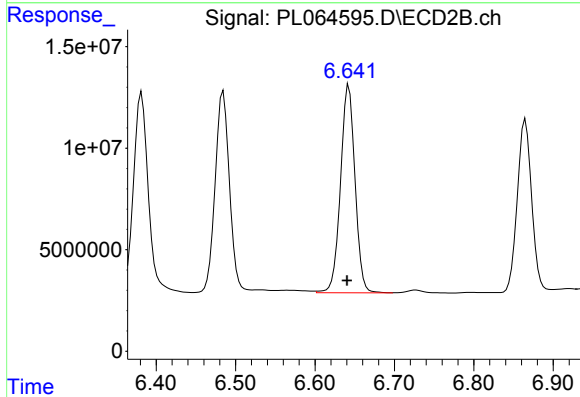
#13 Dieldrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 18200683
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

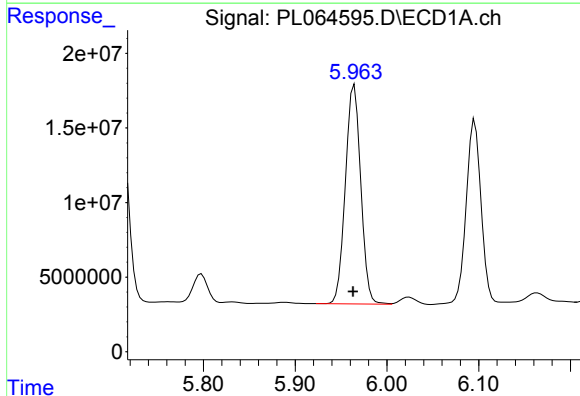
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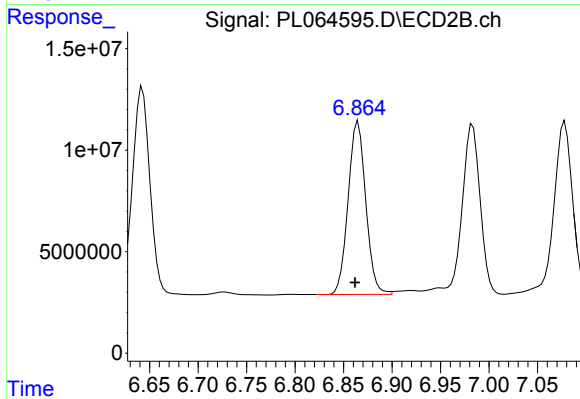
#13 Dieldrin

R.T.: 6.643 min
Delta R.T.: 0.002 min
Response: 130330226
Conc: 47.27 ng/ml



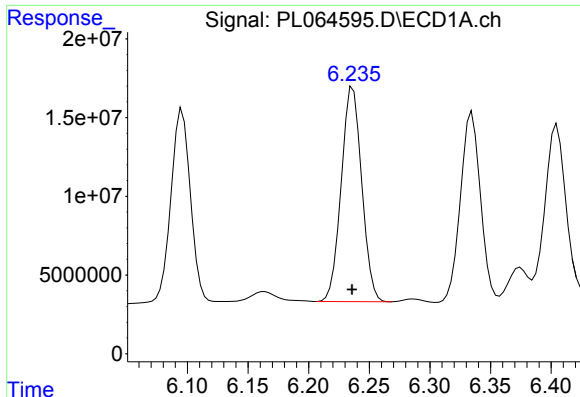
#14 Endrin

R.T.: 5.964 min
Delta R.T.: 0.001 min
Response: 170675480
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 6.865 min
Delta R.T.: 0.003 min
Response: 107868146
Conc: 46.99 ng/ml



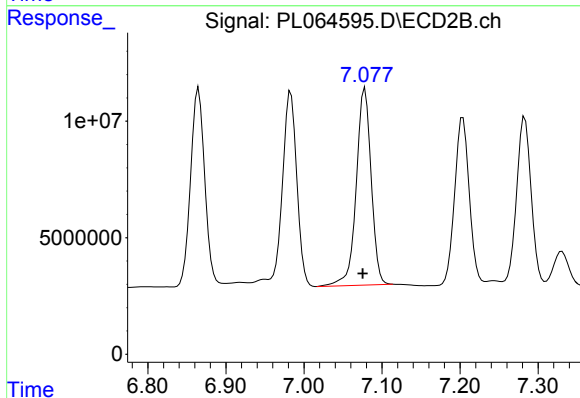
#15 Endosulfan II

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 160421074
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

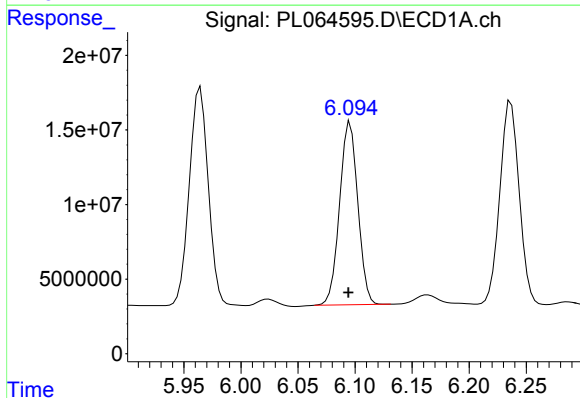
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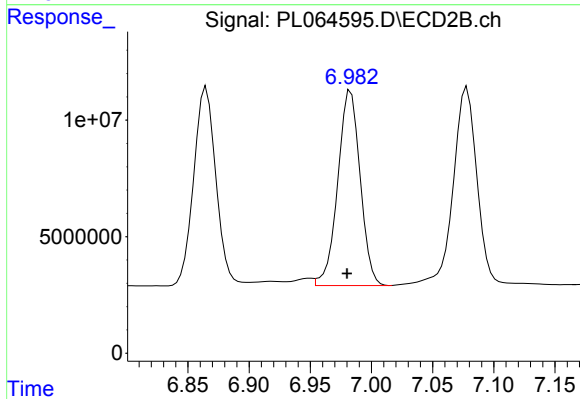
#15 Endosulfan II

R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 112350424
Conc: 45.51 ng/ml



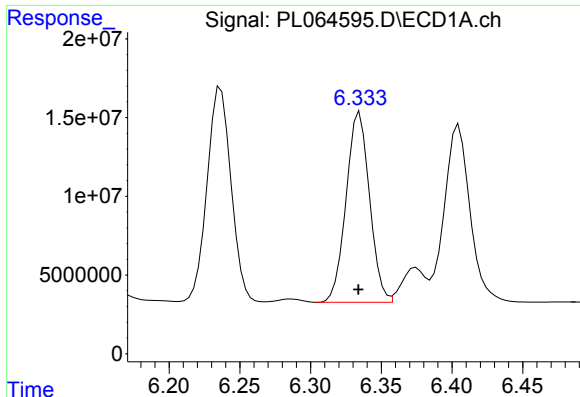
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: 0.002 min
Response: 136525638
Conc: 43.38 ng/ml



#16 4,4'-DDD

R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 106848031
Conc: 46.42 ng/ml



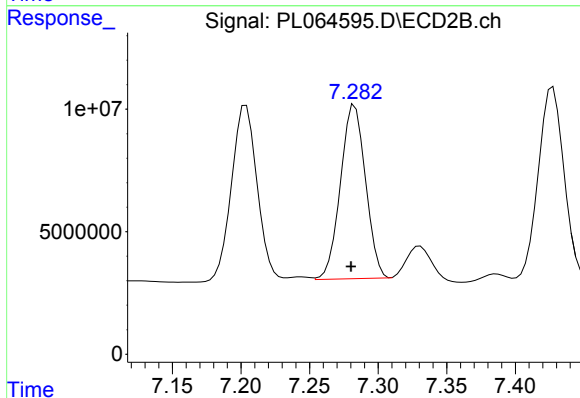
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 139280256
Conc: 45.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

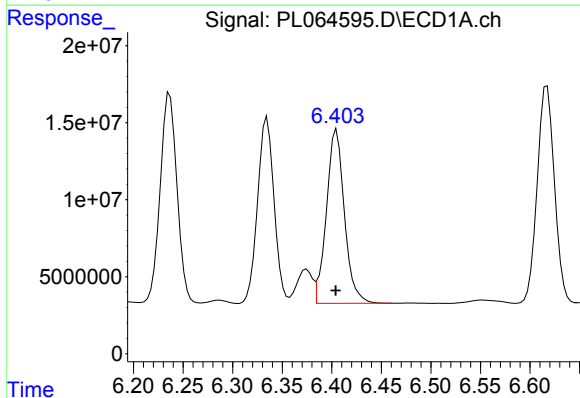
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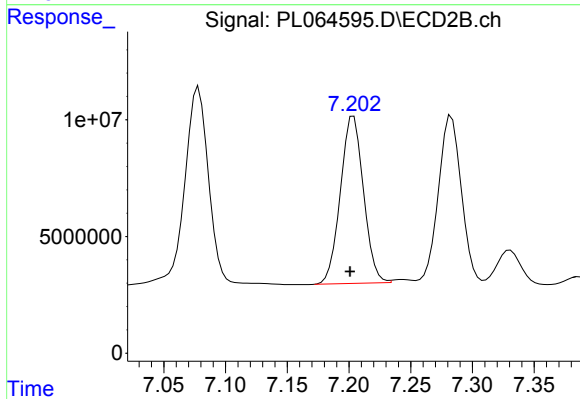
#17 4,4'-DDT

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 90257328
Conc: 43.94 ng/ml



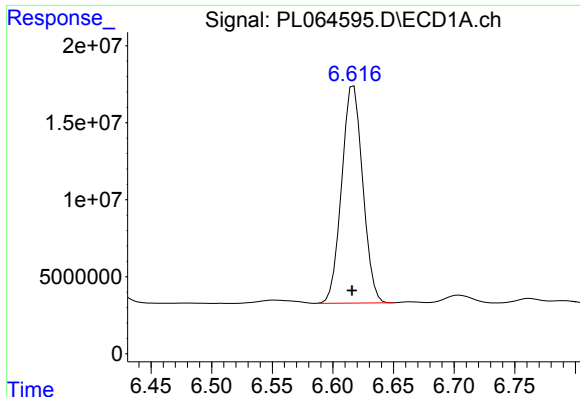
#18 Endrin aldehyde

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 142374380
Conc: 46.42 ng/ml



#18 Endrin aldehyde

R.T.: 7.204 min
Delta R.T.: 0.003 min
Response: 93362696
Conc: 43.97 ng/ml



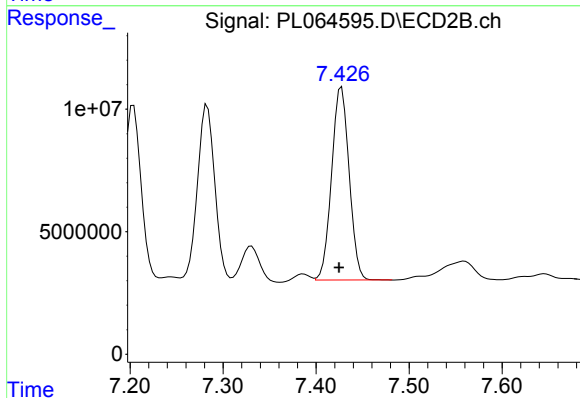
#19 Endosulfan Sulfate

R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 170422599
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

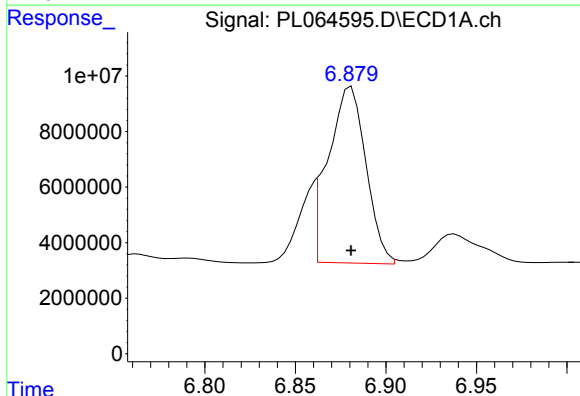
Manual Integrations
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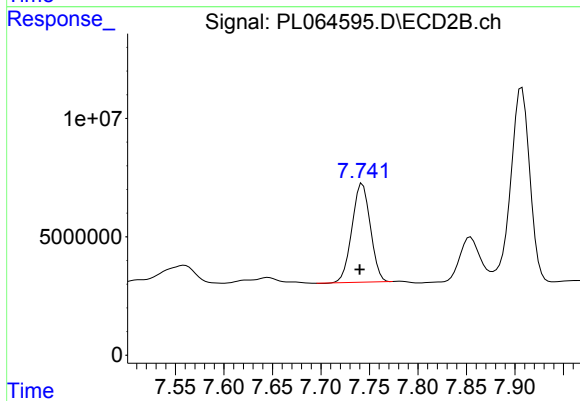
#19 Endosulfan Sulfate

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 103220466
Conc: 42.93 ng/ml



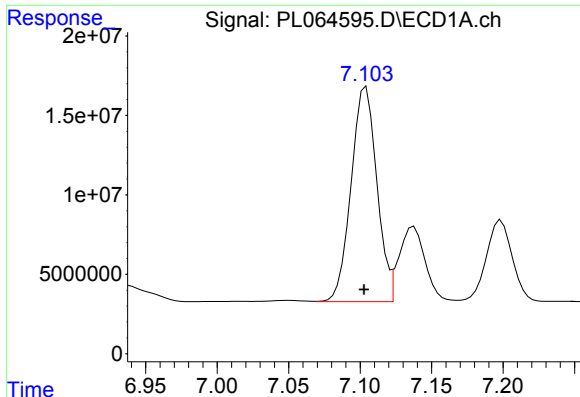
#20 Methoxychlor

R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 90078930
Conc: 49.87 ng/ml m



#20 Methoxychlor

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 55008631
Conc: 43.48 ng/ml



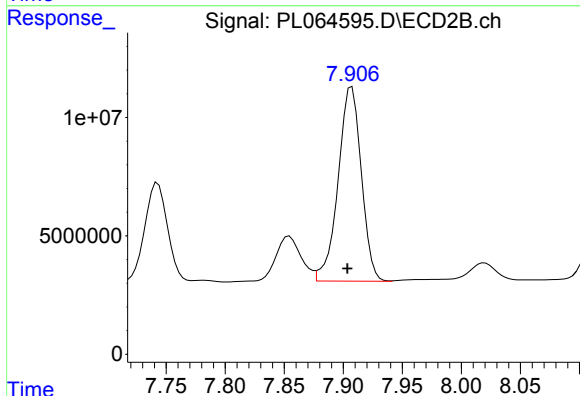
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 168757980
Conc: 43.30 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

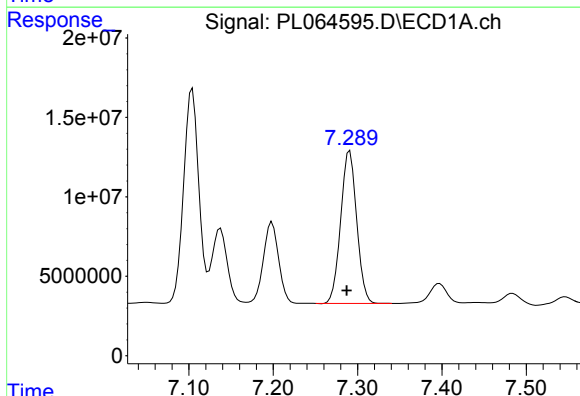
Manual Integrations
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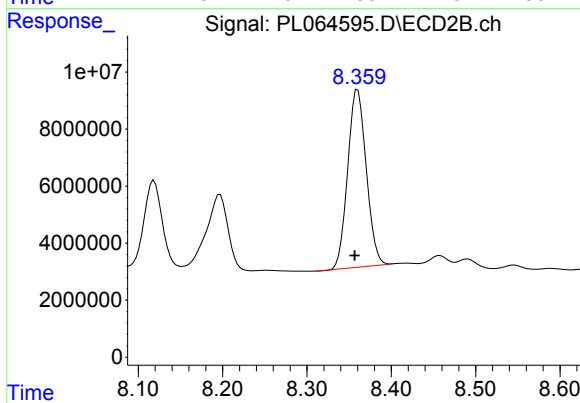
#21 Endrin ketone

R.T.: 7.907 min
Delta R.T.: 0.004 min
Response: 112306402
Conc: 46.18 ng/ml



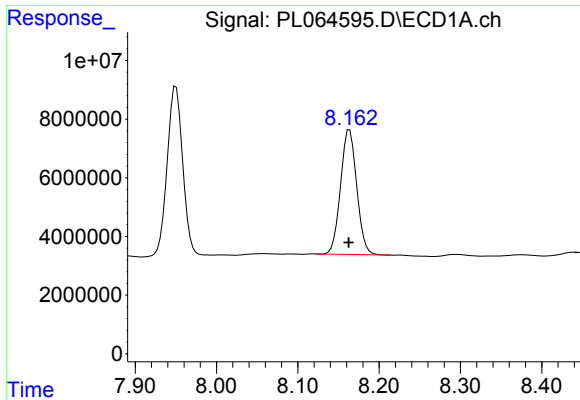
#22 Mirex

R.T.: 7.291 min
Delta R.T.: 0.004 min
Response: 126370941
Conc: 42.18 ng/ml



#22 Mirex

R.T.: 8.360 min
Delta R.T.: 0.004 min
Response: 95448696
Conc: 49.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min

Delta R.T.: 0.001 min

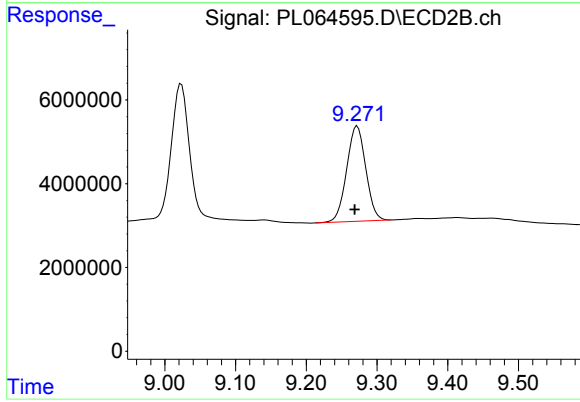
Response: 58529344

Conc: 18.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-008-0510MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.272 min

Delta R.T.: 0.004 min

Response: 42866411

Conc: 20.94 ng/ml