

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080620\
 Data File : PL060508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2020 07:37
 Operator : DD\AJ
 Sample : L3551-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1-DARK-SOILMS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 08:07:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL073020.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 30 04:13:43 2020
 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...	3.463	4.010	35566475	61452500	17.845	23.495 #
28)	SA Decachlor...	8.218	9.098	30898425	39921530	20.247	22.195
Target Compounds							
2)	A alpha-BHC	3.900	4.400	114.9E6	192.3E6	39.403	50.252 #
3)	MA gamma-BHC...	4.183	4.685	102.4E6	179.2E6	40.332	49.750
4)	MA Heptachlor	4.486	5.196	100.1E6	174.9E6	42.968	51.374
5)	MB Aldrin	4.734	5.502	88421768	160.2E6	44.608	52.217
6)	B beta-BHC	4.434	4.856	46786284	83195380	46.132	55.326
7)	B delta-BHC	4.639	5.074	71278374	91625107	31.423	36.197
8)	B Heptachlo...	5.177	5.889	82919793	130.9E6	43.740	54.040
9)	A Endosulfan I	5.515	6.248	78450677	137.7E6	46.917	50.911
10)	B gamma-Chl...	5.404	6.125	84207011	140.9E6	46.476	49.848
11)	B alpha-Chl...	5.463	6.198	83267605	147.0E6	46.207	50.370
12)	B 4,4'-DDE	5.628	6.355	76282012	139.0E6	45.249	52.545
13)	MA Dieldrin	5.758	6.504	83068639	141.8E6	46.934	51.707m
14)	MA Endrin	6.015	6.724	76362892	120.6E6	45.811	51.503
15)	B Endosulfa...	6.288	6.934	73359292	114.8E6	43.212	47.647
16)	A 4,4'-DDD	6.144	6.846	63766525	115.9E6	44.132	55.639 #
17)	MA 4,4'-DDT	6.383	7.146	62377425	104.0E6	45.664	51.446
18)	B Endrin al...	6.456	7.058	63699680	105.3E6	44.341	52.565
19)	B Endosulfa...	6.669	7.281	72674160	114.2E6	45.608	51.934
20)	A Methoxychlor	6.930	7.606	37828262	58458631	46.240	50.764
21)	B Endrin ke...	7.159	7.753	85174935	125.5E6	50.520	56.957
22)	Mirex	7.349	8.210	64958692	84626916	47.581	54.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080620\
Data File : PL060508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2020 07:37
Operator : DD\AJ
Sample : L3551-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

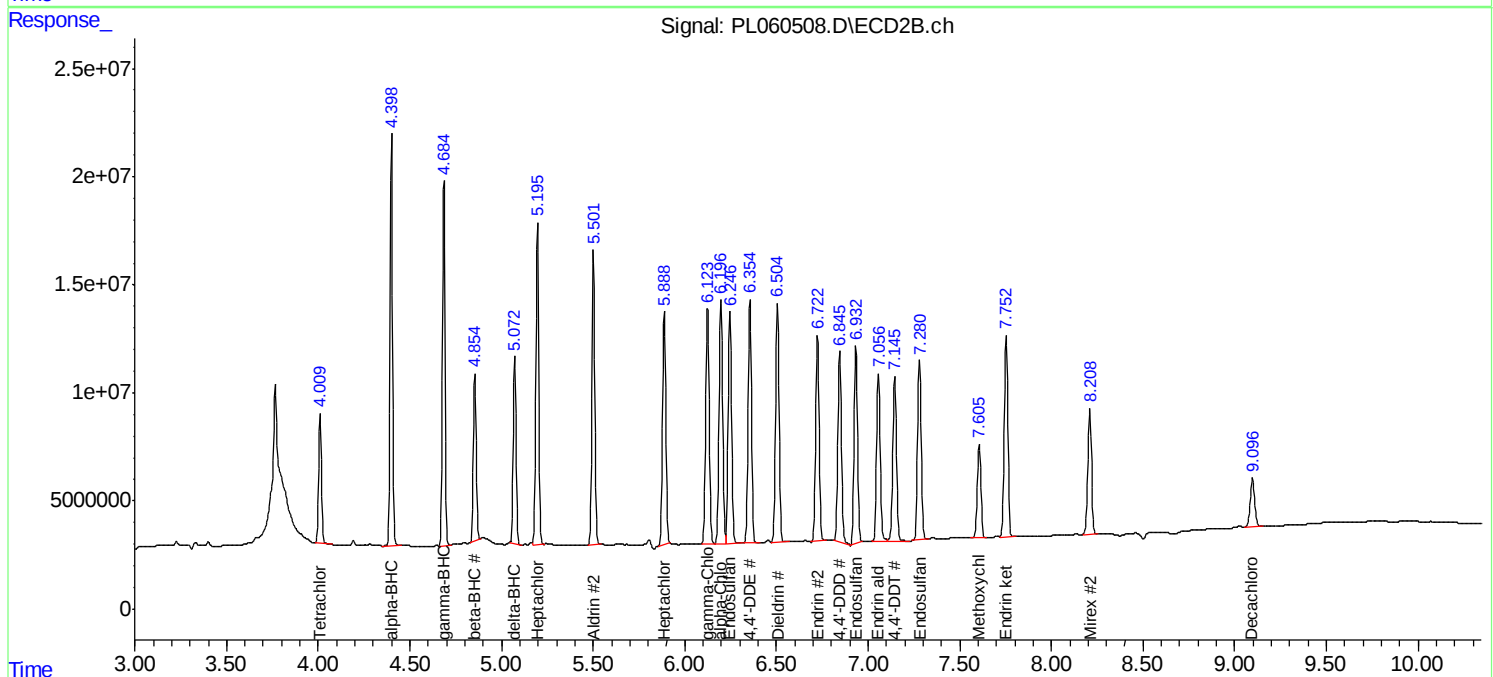
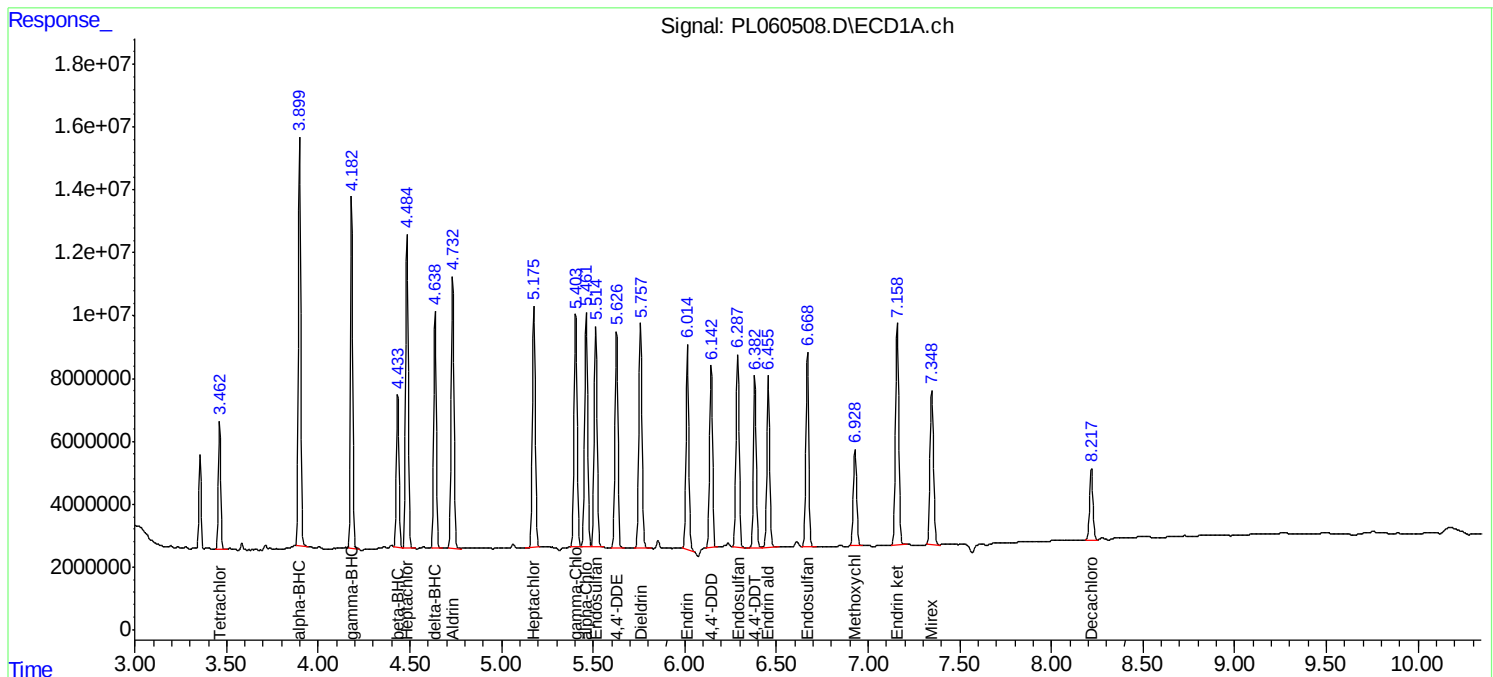
Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

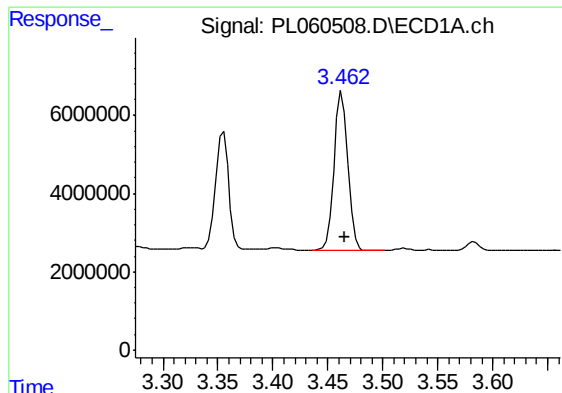
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 08:07:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL073020.M
Quant Title : GC Extractables
QLast Update : Thu Jul 30 04:13:43 2020
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





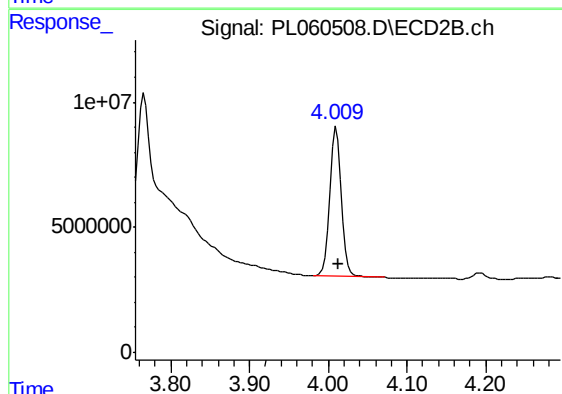
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: -0.002 min
Response: 35566475
Conc: 17.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

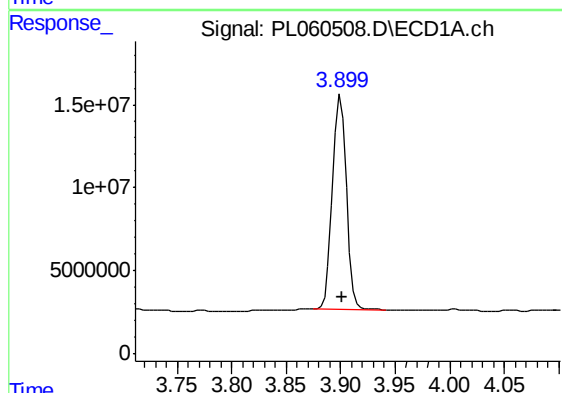
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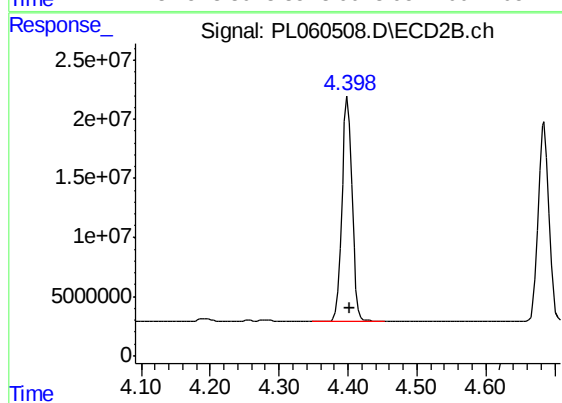
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.003 min
Response: 61452500
Conc: 23.49 ng/ml



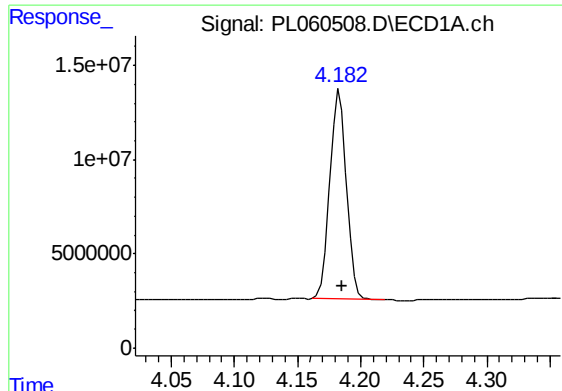
#2 alpha-BHC

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 114918978
Conc: 39.40 ng/ml



#2 alpha-BHC

R.T.: 4.400 min
Delta R.T.: -0.002 min
Response: 192349784
Conc: 50.25 ng/ml



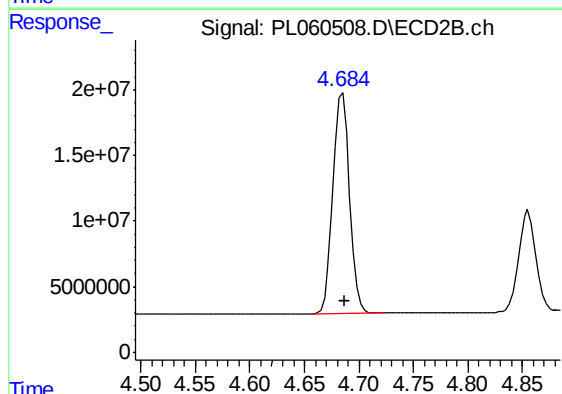
#3 gamma-BHC (Lindane)

R.T.: 4.183 min
Delta R.T.: -0.002 min
Response: 102357358
Conc: 40.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

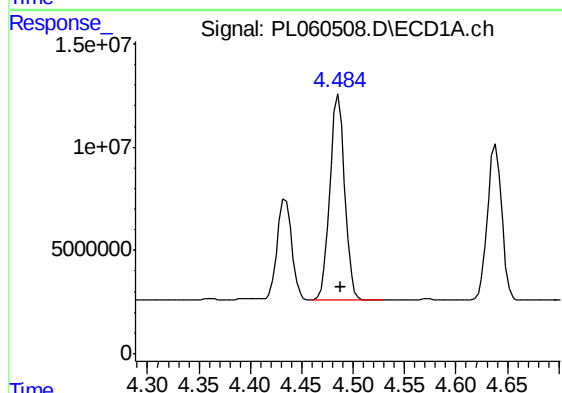
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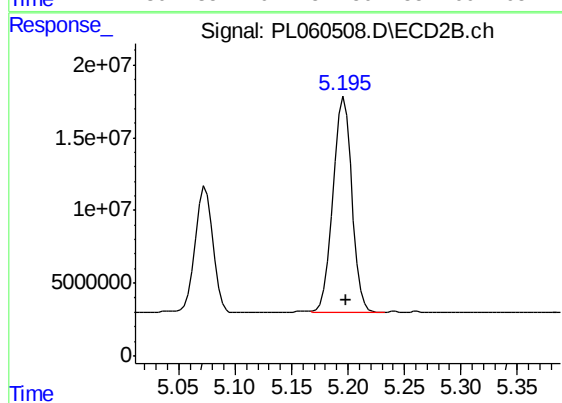
#3 gamma-BHC (Lindane)

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 179164046
Conc: 49.75 ng/ml



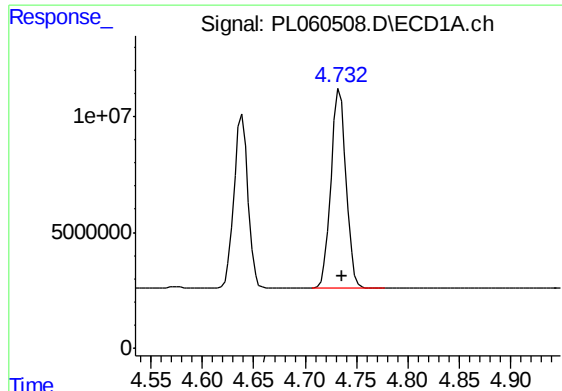
#4 Heptachlor

R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 100136174
Conc: 42.97 ng/ml



#4 Heptachlor

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 174857736
Conc: 51.37 ng/ml



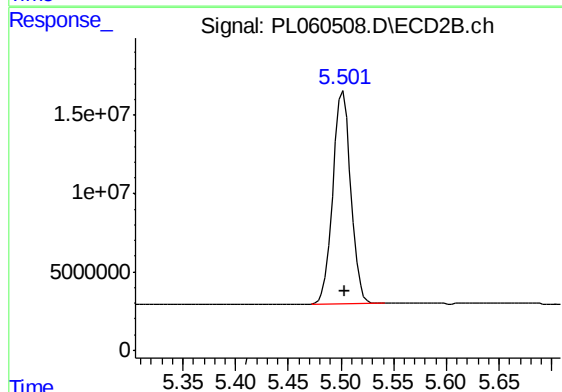
#5 Aldrin

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 88421768
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

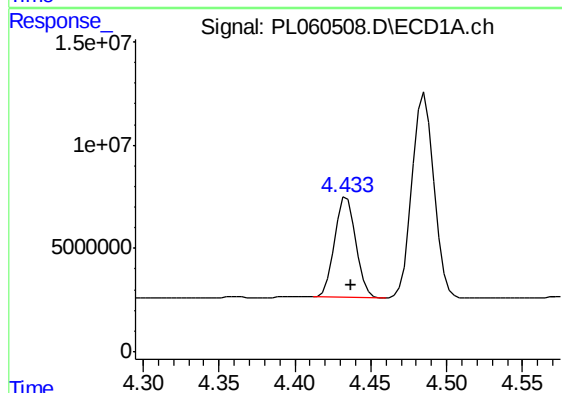
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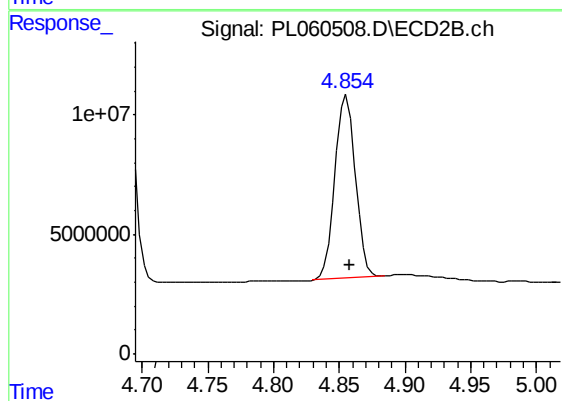
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 160246090
Conc: 52.22 ng/ml



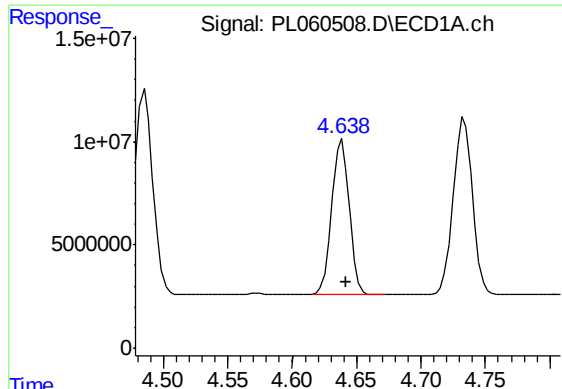
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 46786284
Conc: 46.13 ng/ml



#6 beta-BHC

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 83195380
Conc: 55.33 ng/ml



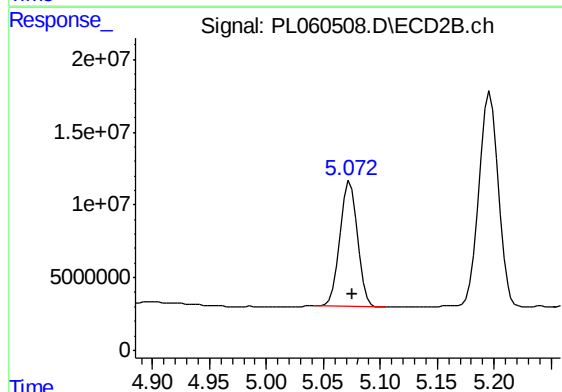
#7 delta-BHC

R.T.: 4.639 min
Delta R.T.: -0.002 min
Response: 71278374
Conc: 31.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

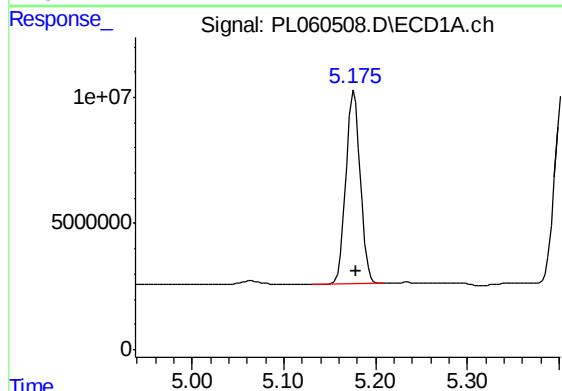
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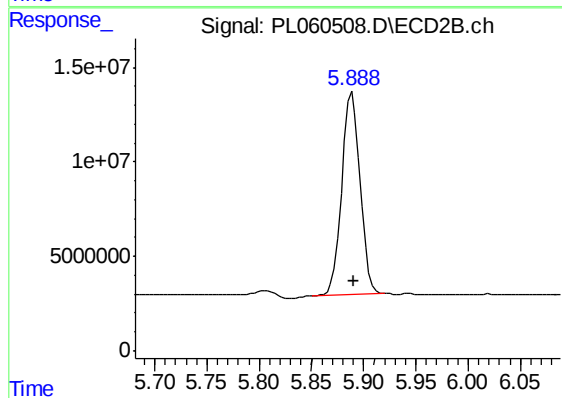
#7 delta-BHC

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 91625107
Conc: 36.20 ng/ml



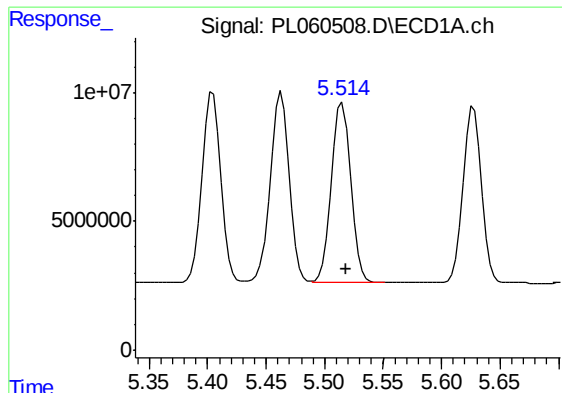
#8 Heptachlor epoxide

R.T.: 5.177 min
Delta R.T.: -0.003 min
Response: 82919793
Conc: 43.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 130944555
Conc: 54.04 ng/ml



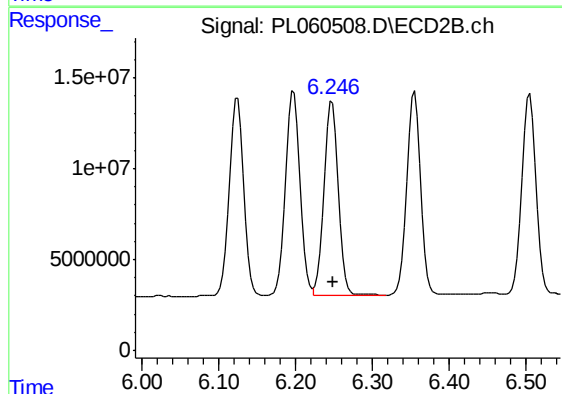
#9 Endosulfan I

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 78450677
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

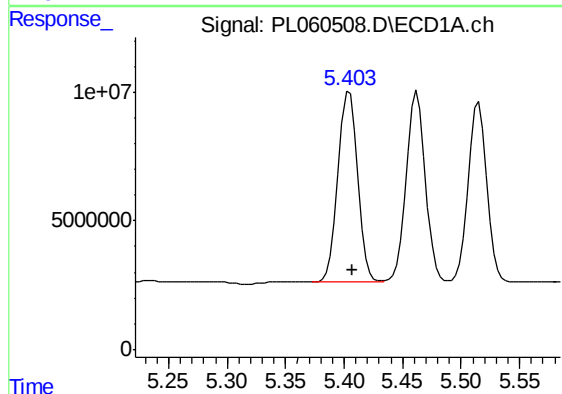
Manual Integrations
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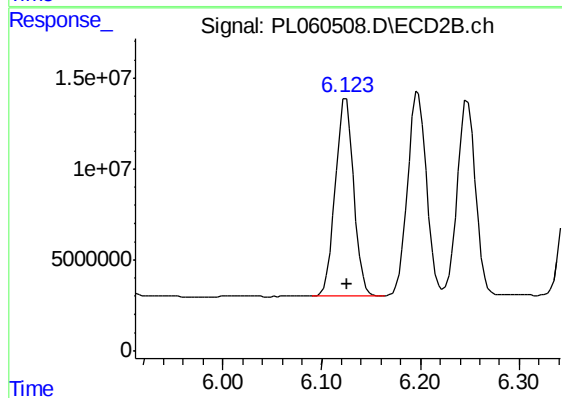
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 137666150
Conc: 50.91 ng/ml



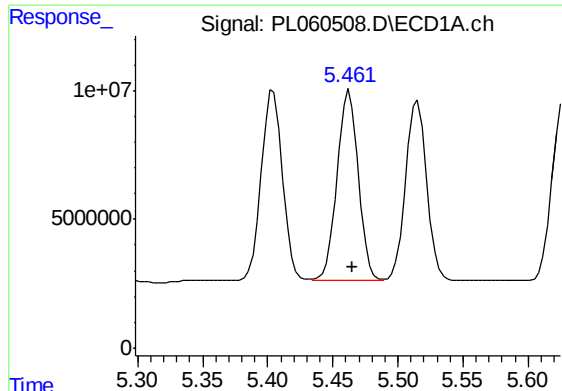
#10 gamma-Chlordane

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 84207011
Conc: 46.48 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.001 min
Response: 140948352
Conc: 49.85 ng/ml



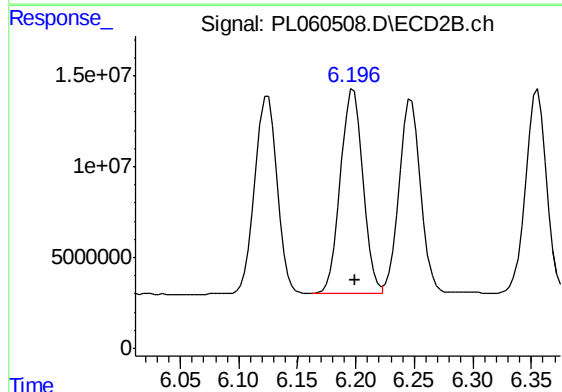
#11 alpha-Chlordane

R.T.: 5.463 min
Delta R.T.: -0.002 min
Response: 83267605
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

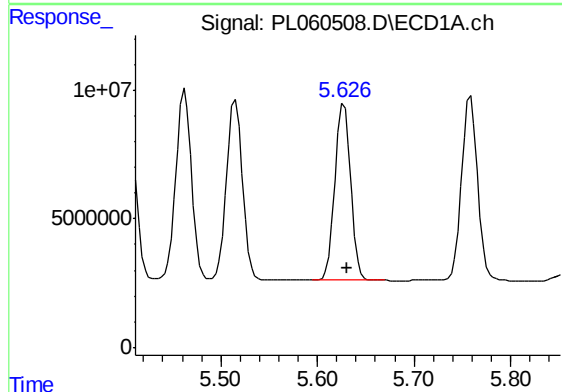
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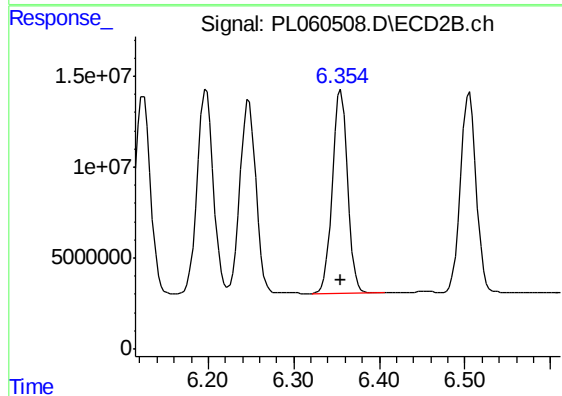
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 147048855
Conc: 50.37 ng/ml



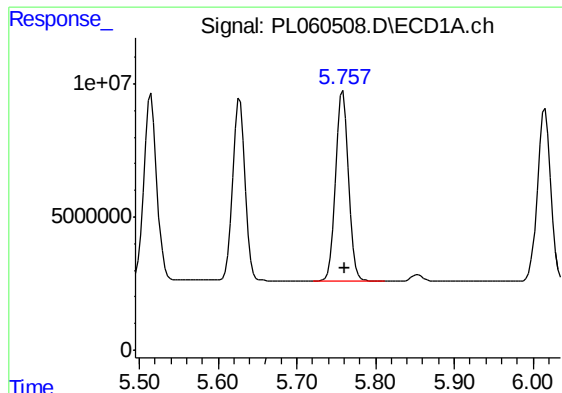
#12 4,4'-DDE

R.T.: 5.628 min
Delta R.T.: -0.003 min
Response: 76282012
Conc: 45.25 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 138982215
Conc: 52.54 ng/ml



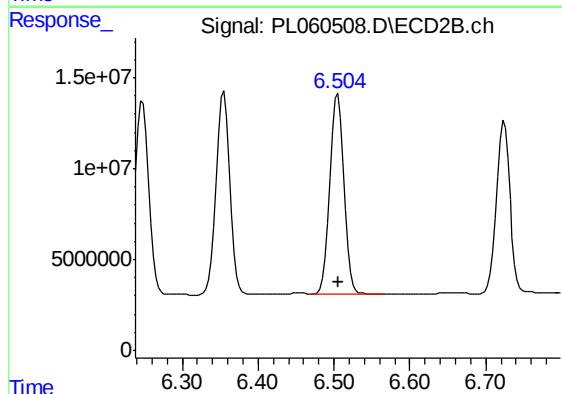
#13 Dielldrin

R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 83068639
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

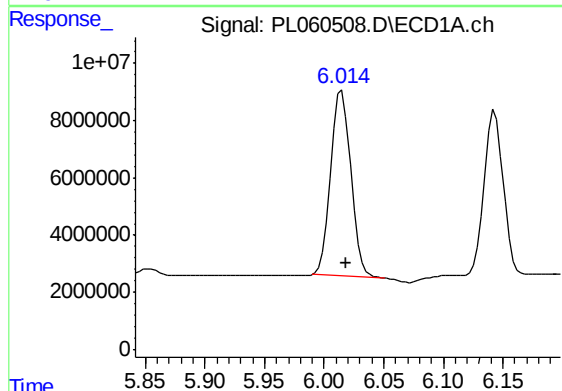
Manual Integrations
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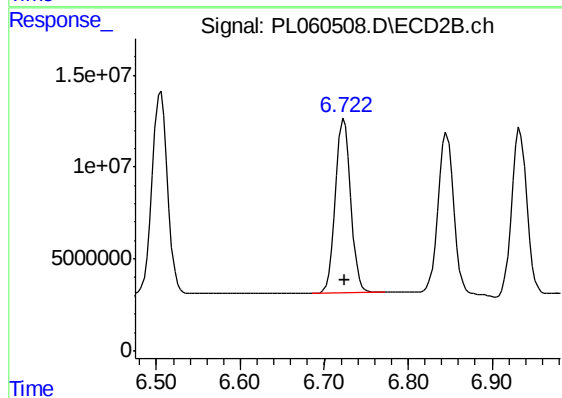
#13 Dielldrin

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 141781504
Conc: 51.71 ng/ml m



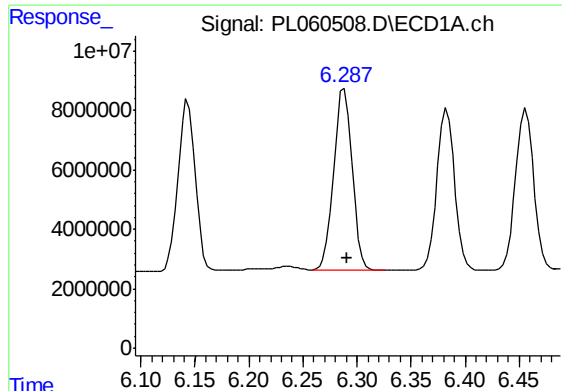
#14 Endrin

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 76362892
Conc: 45.81 ng/ml



#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 120623211
Conc: 51.50 ng/ml



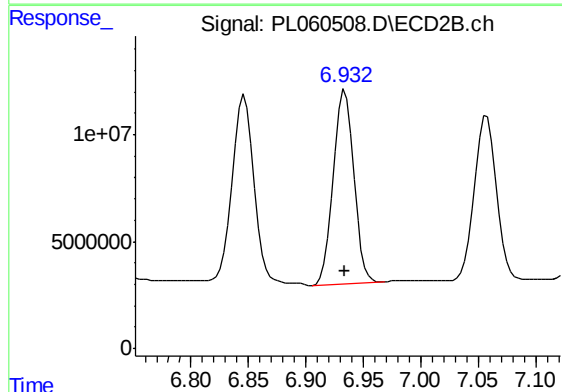
#15 Endosulfan II

R.T.: 6.288 min
Delta R.T.: -0.003 min
Response: 73359292
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

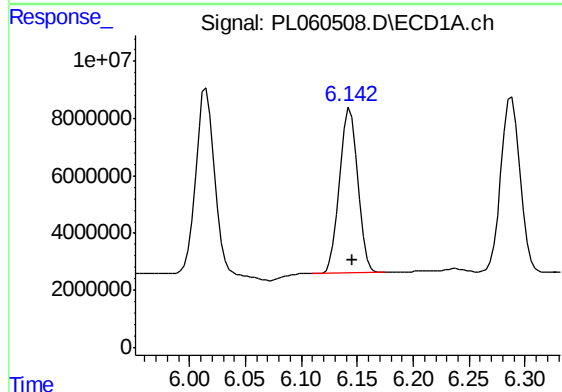
Manual Integrations
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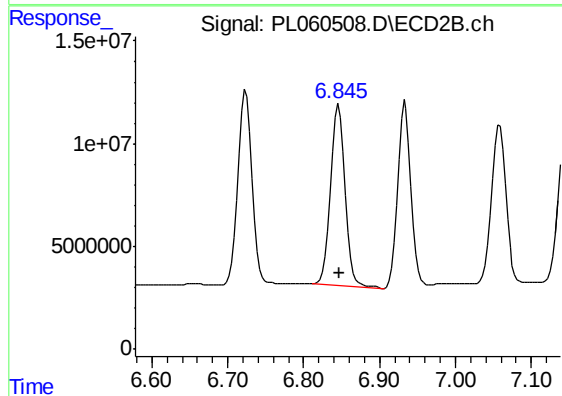
#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 114765155
Conc: 47.65 ng/ml



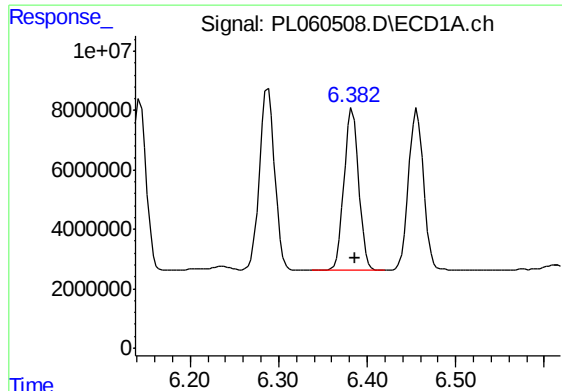
#16 4,4'-DDD

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 63766525
Conc: 44.13 ng/ml



#16 4,4'-DDD

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 115907786
Conc: 55.64 ng/ml



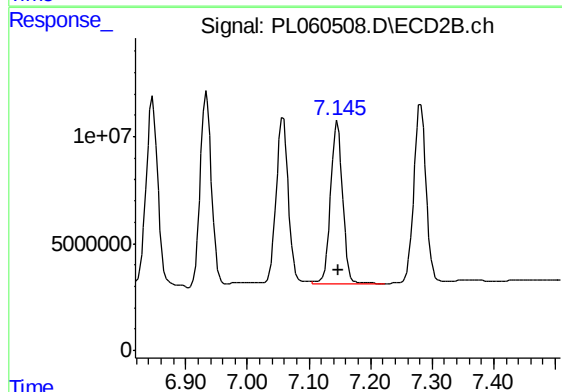
#17 4,4'-DDT

R.T.: 6.383 min
Delta R.T.: -0.003 min
Response: 62377425
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

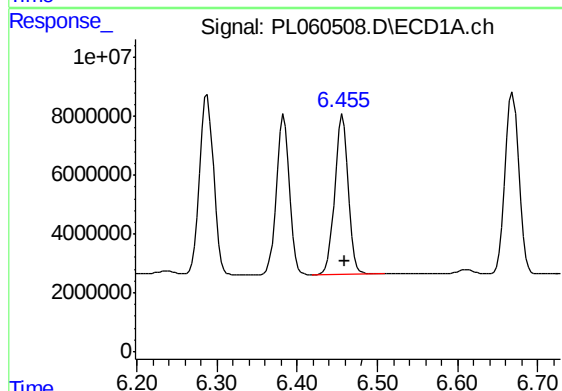
Manual Integrations
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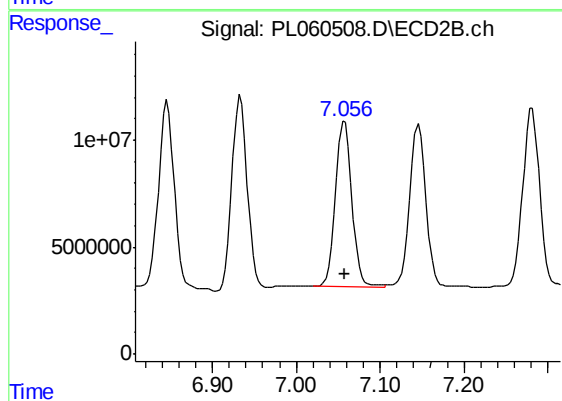
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 104045668
Conc: 51.45 ng/ml



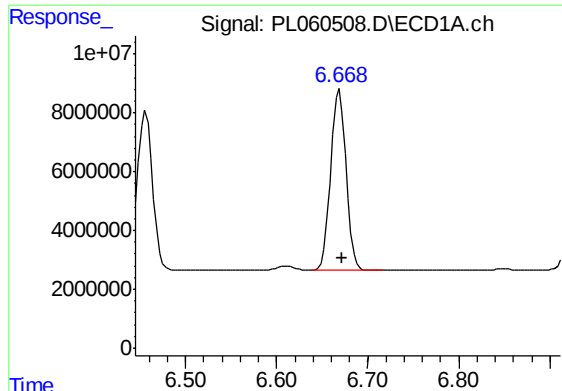
#18 Endrin aldehyde

R.T.: 6.456 min
Delta R.T.: -0.003 min
Response: 63699680
Conc: 44.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 105324683
Conc: 52.57 ng/ml



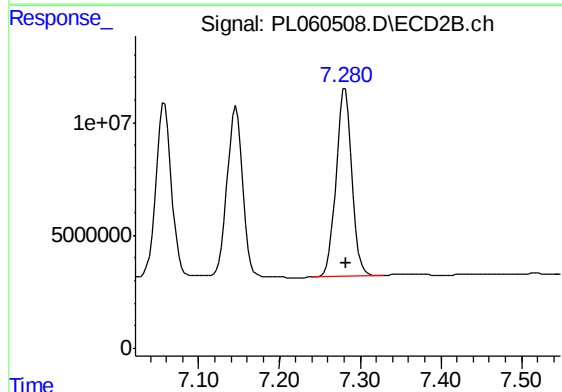
#19 Endosulfan Sulfate

R.T.: 6.669 min
Delta R.T.: -0.003 min
Response: 72674160
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

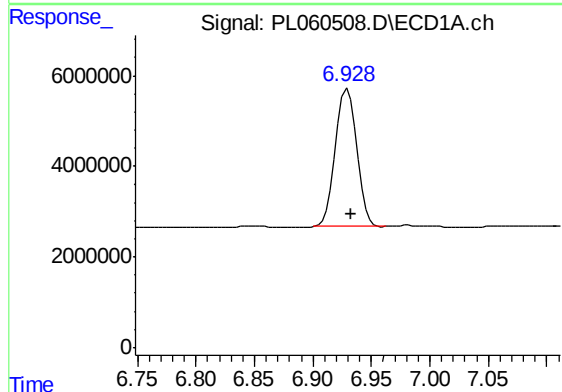
Manual Integrations
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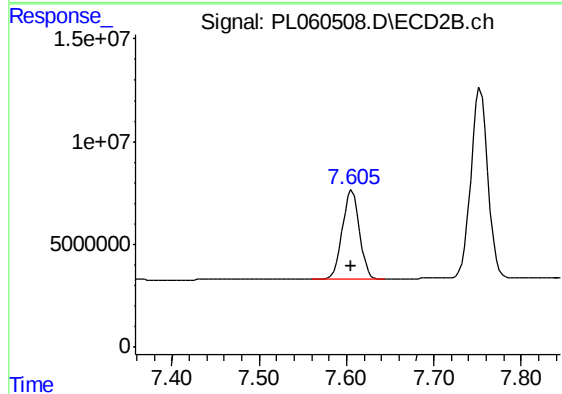
#19 Endosulfan Sulfate

R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 114175657
Conc: 51.93 ng/ml



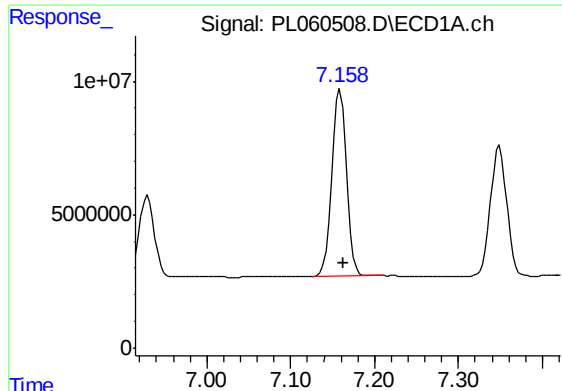
#20 Methoxychlor

R.T.: 6.930 min
Delta R.T.: -0.004 min
Response: 37828262
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.001 min
Response: 58458631
Conc: 50.76 ng/ml



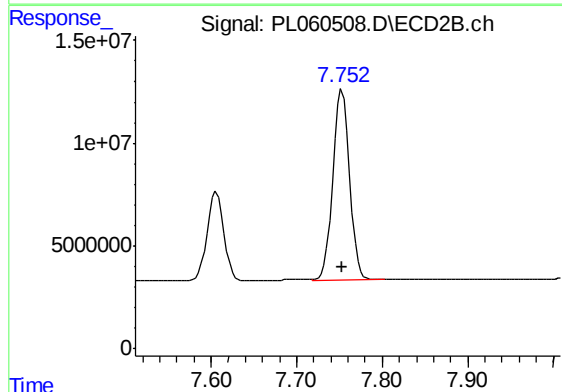
#21 Endrin ketone

R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 85174935
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

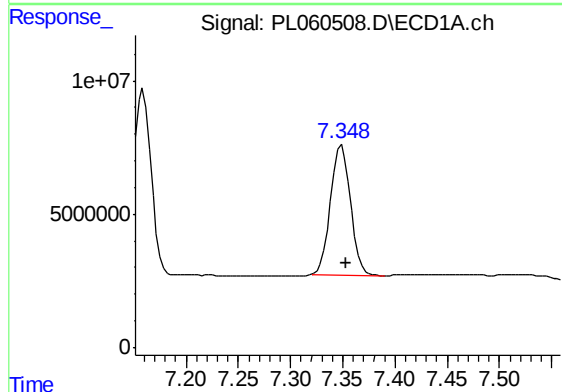
Manual Integrations
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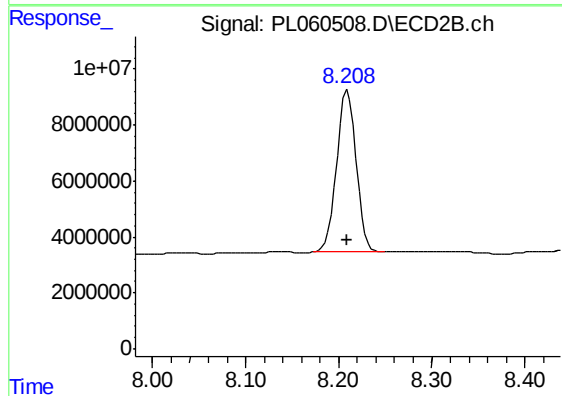
#21 Endrin ketone

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 125520914
Conc: 56.96 ng/ml



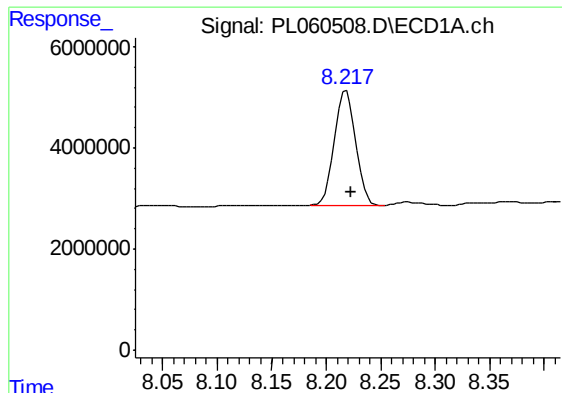
#22 Mirex

R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 64958692
Conc: 47.58 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 84626916
Conc: 54.04 ng/ml



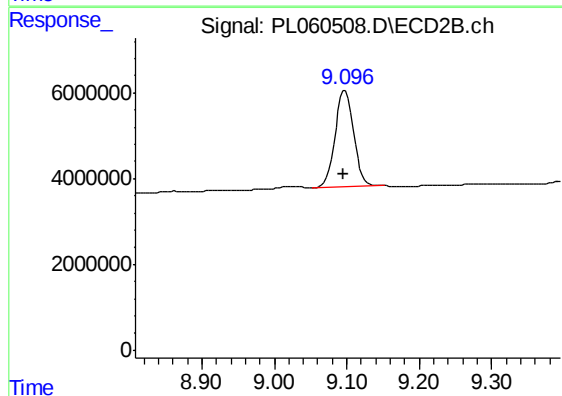
#28 Decachlorobiphenyl

R.T.: 8.218 min
Delta R.T.: -0.005 min
Response: 30898425
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1-DARK-SOILMS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 39921530
Conc: 22.20 ng/ml