

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101219\
 Data File : PL053266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2019 02:38
 Operator : SG\AJ
 Sample : K5324-01MSD (Sig #1); K5324-04MSD (Sig #2)
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILEMSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 03:13:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 2019
 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...	3.545	4.046	202.3E6	51300714	20.343	19.105
28)	SA Decachlor...	8.335	9.125	199.5E6	56982510	19.916	19.423
Target Compounds							
2)	A alpha-BHC	3.989	4.437	925.2E6	228.3E6	58.004	59.450
3)	MA gamma-BHC...	4.277	4.723	886.3E6	241.2E6	60.853	66.598
4)	MA Heptachlor	4.584	5.232	856.6E6	208.9E6	57.329	54.818m
5)	MB Aldrin	4.836	5.537	810.0E6	201.1E6	58.886	58.018m
6)	B beta-BHC	4.527	4.893	364.0E6	66309602	58.628	42.187 #
7)	B delta-BHC	4.735	5.108	488.9E6	107.2E6	34.117	29.624m
8)	B Heptachlo...	5.282	5.923	787.4E6	182.9E6	60.426	54.583m
9)	A Endosulfan I	5.626	6.280	717.0E6	165.3E6	59.084	52.892m
10)	B gamma-Chl...	5.512	6.159	830.7E6	203.6E6	61.770	60.169
11)	B alpha-Chl...	5.570	6.231	785.3E6	208.2E6	59.539	61.854
12)	B 4,4'-DDE	5.734	6.386	725.7E6	164.7E6	62.524	50.426
13)	MA Dieldrin	5.870	6.537	779.7E6	184.9E6	60.401	56.685m
14)	MA Endrin	6.128	6.756	694.8E6	166.9E6	61.001	60.100
15)	B Endosulfa...	6.401	6.965	636.2E6	163.9E6	55.514	55.248
16)	A 4,4'-DDD	6.251	6.877	505.9E6	155.7E6	56.279	63.478
17)	MA 4,4'-DDT	6.494	7.175	594.7E6	150.8E6	58.238	57.947
18)	B Endrin al...	6.569	7.088	488.8E6	129.8E6	52.056	52.935
19)	B Endosulfa...	6.783	7.310	512.6E6	132.8E6	49.243	48.627m
20)	A Methoxychlor	7.039	7.631	258.5E6	77213803	50.118	54.842m
21)	B Endrin ke...	7.277	7.783	618.0E6	174.3E6	53.027	61.079
22)	Mirex	7.471	8.238	561.2E6	161.3E6	59.428	71.711

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

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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

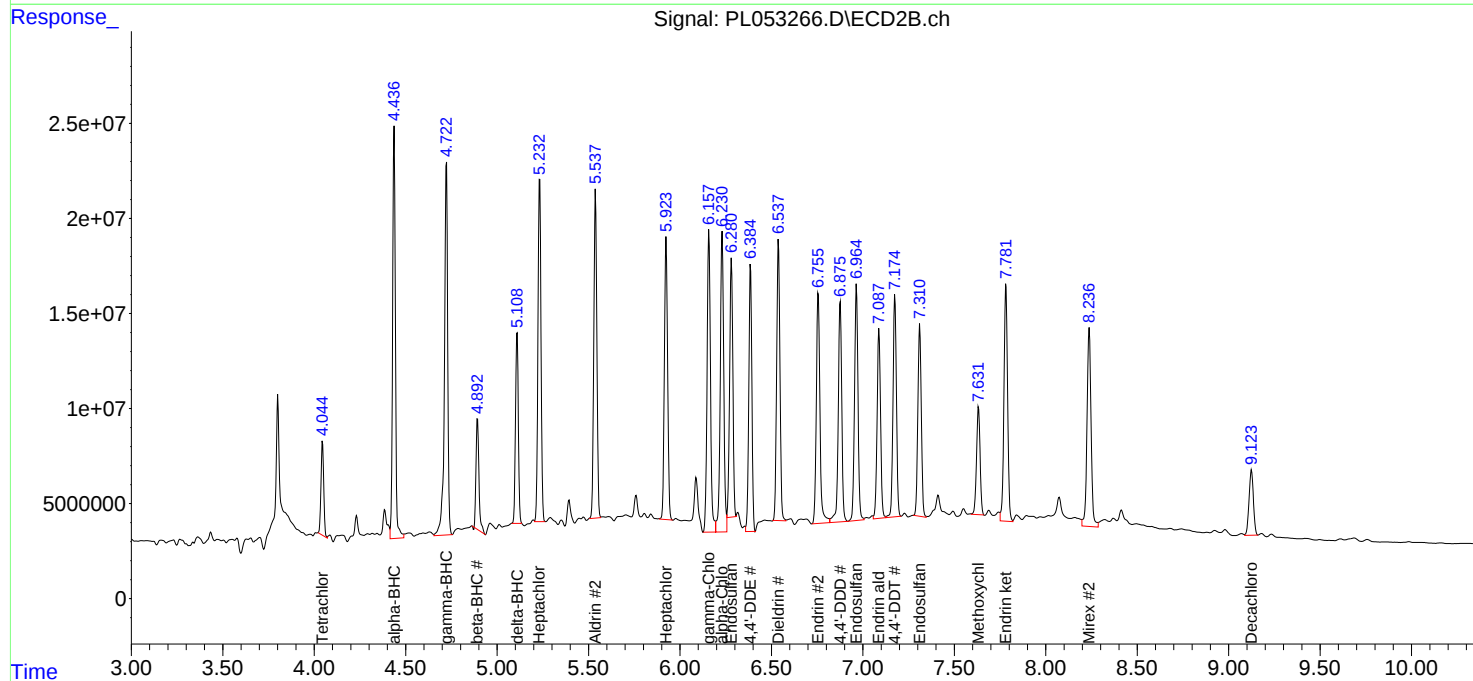
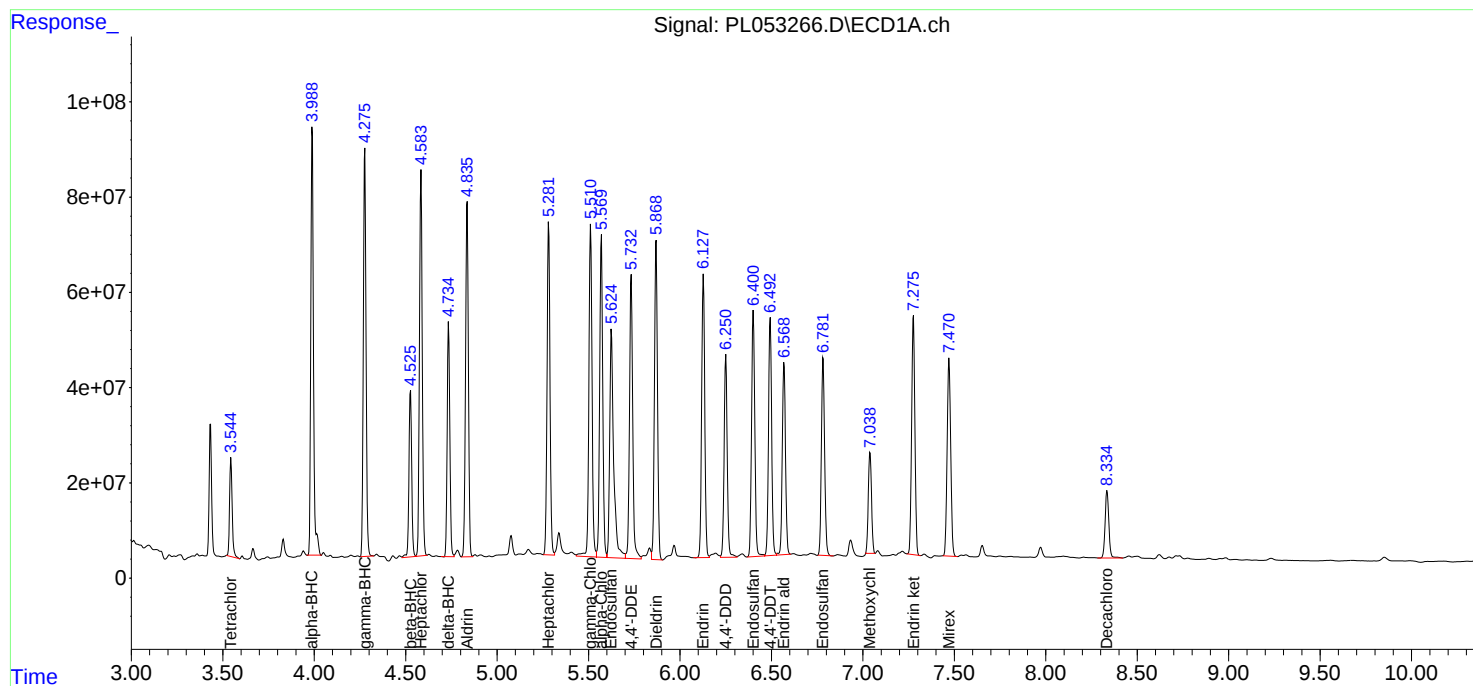
Instrument :
 ECD_L
 ClientSampleID :
 SOIL-PILEMSD

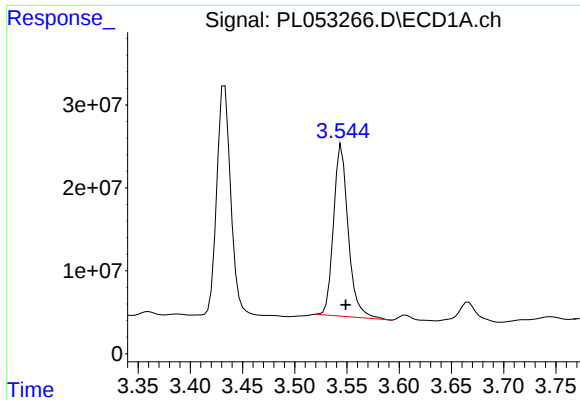
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 03:13:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





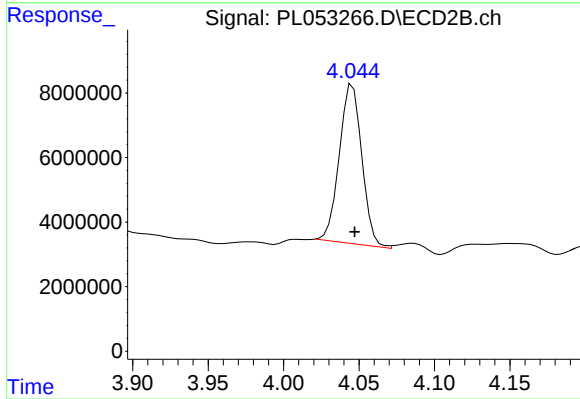
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.004 min
Response: 202342949
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

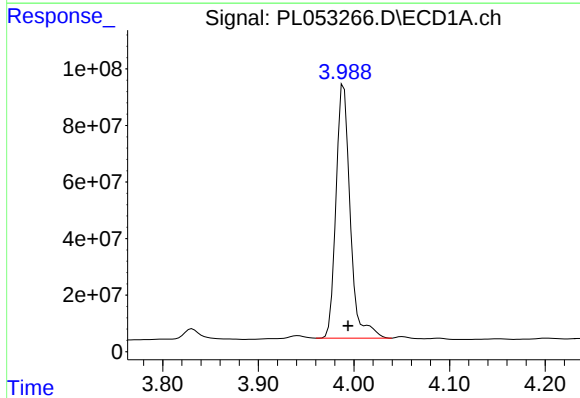
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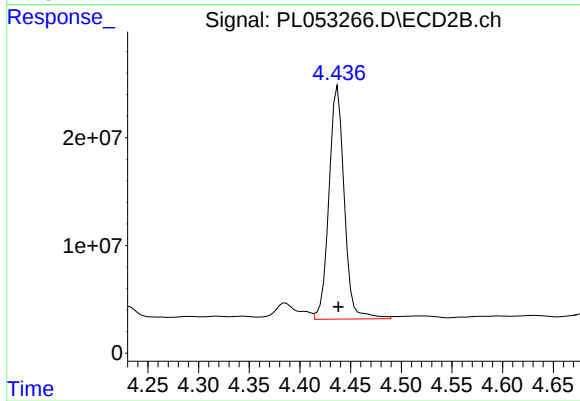
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 51300714
Conc: 19.10 ng/ml



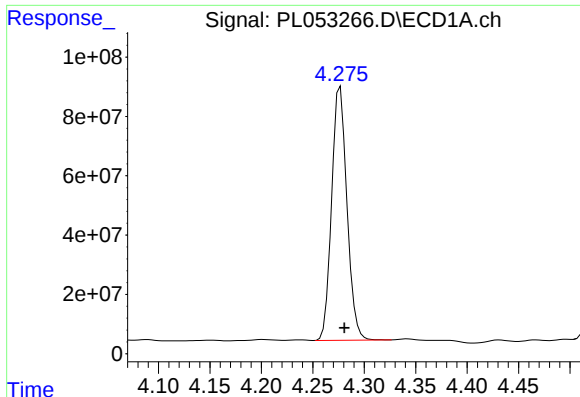
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 925203454
Conc: 58.00 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 228290188
Conc: 59.45 ng/ml



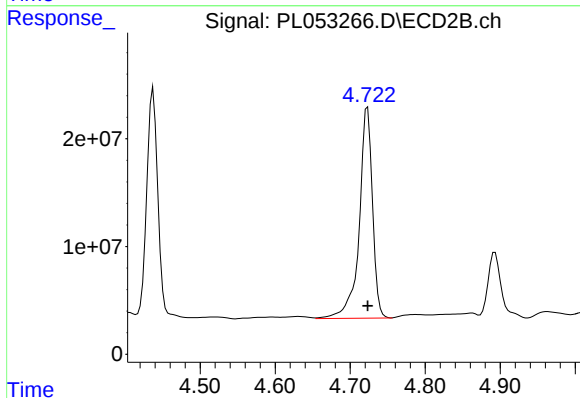
#3 gamma-BHC (Lindane)

R.T.: 4.277 min
Delta R.T.: -0.004 min
Response: 886304641
Conc: 60.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

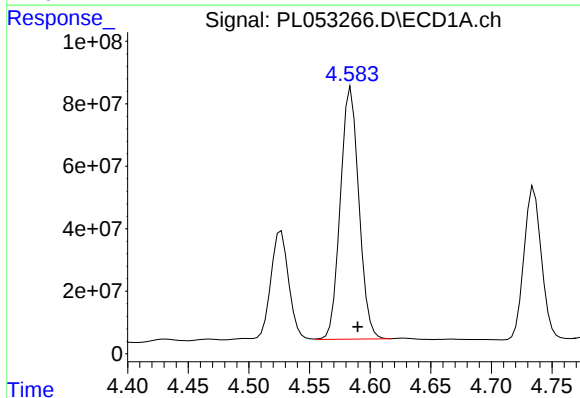
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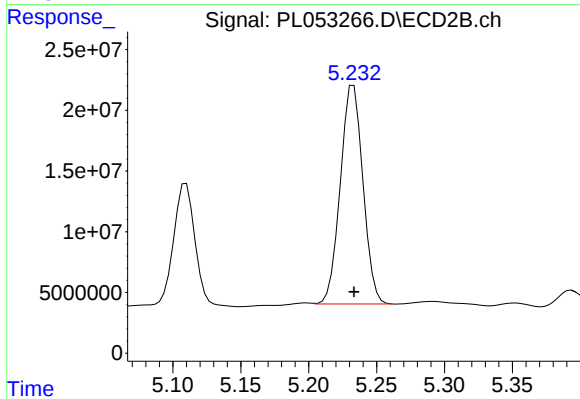
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 241163293
Conc: 66.60 ng/ml



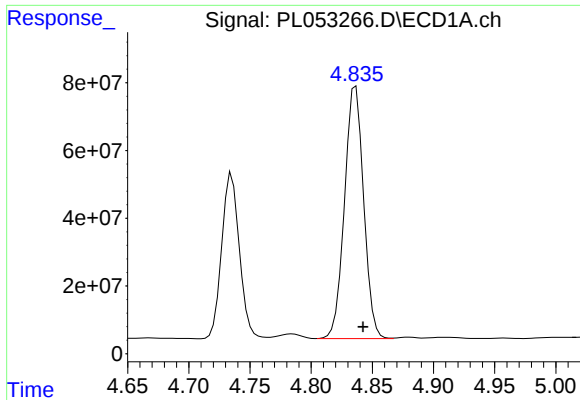
#4 Heptachlor

R.T.: 4.584 min
Delta R.T.: -0.006 min
Response: 856604517
Conc: 57.33 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 208897643
Conc: 54.82 ng/ml m



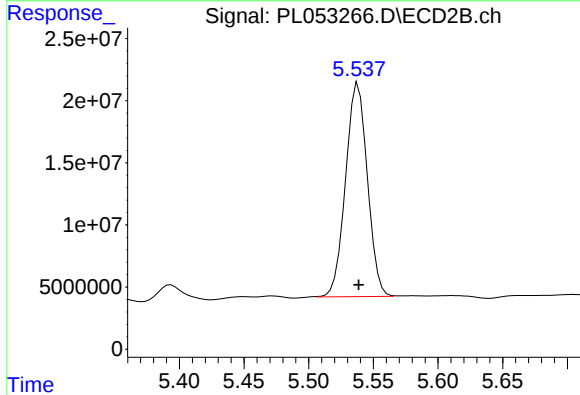
#5 Aldrin

R.T.: 4.836 min
Delta R.T.: -0.006 min
Response: 809996819
Conc: 58.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

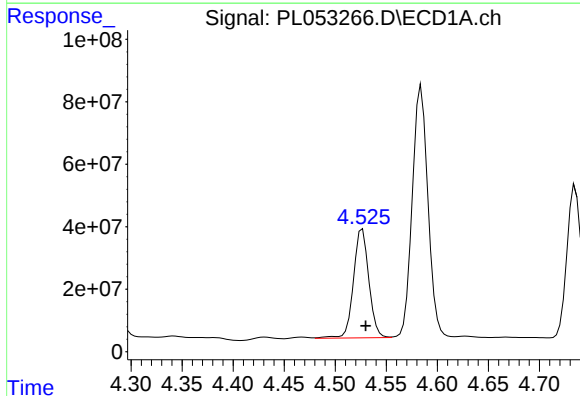
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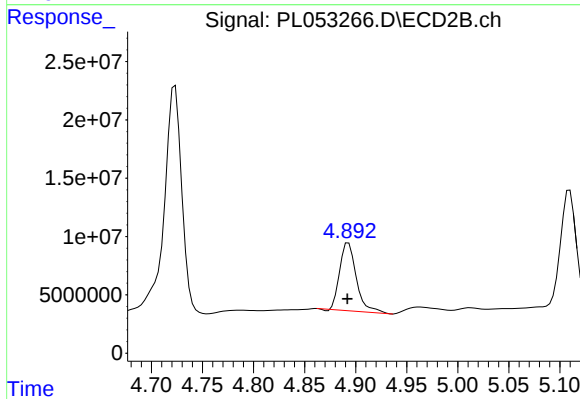
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 201070386
Conc: 58.02 ng/ml m



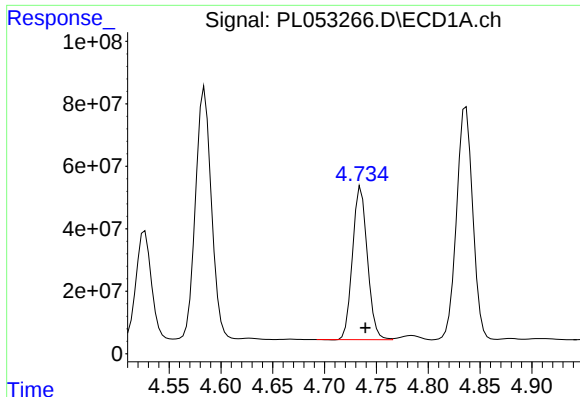
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 363995151
Conc: 58.63 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 66309602
Conc: 42.19 ng/ml



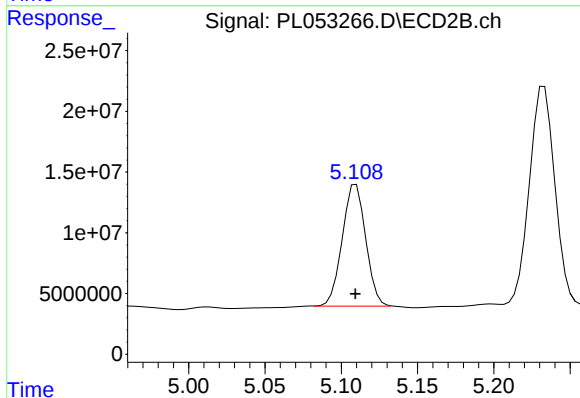
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 488865443
Conc: 34.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

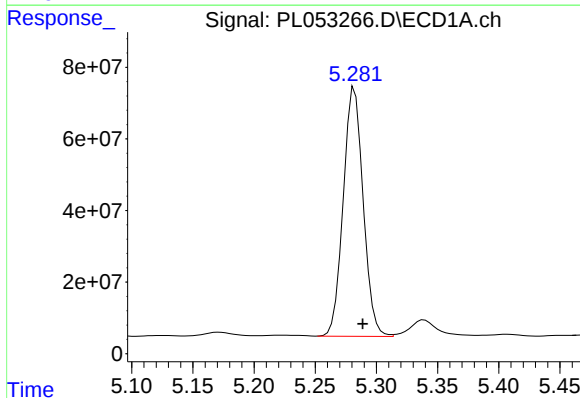
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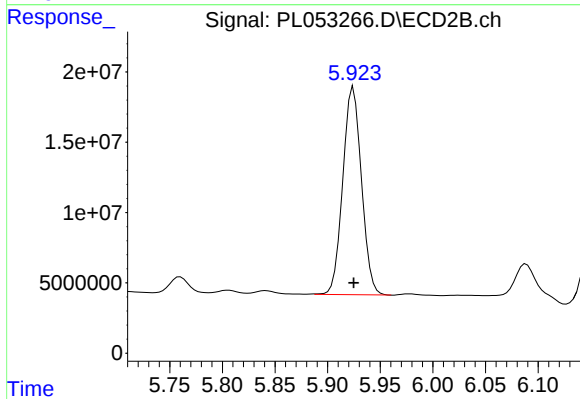
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 107234577
Conc: 29.62 ng/ml m



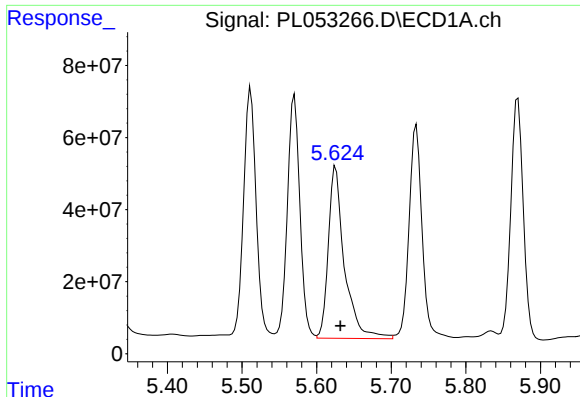
#8 Heptachlor epoxide

R.T.: 5.282 min
Delta R.T.: -0.007 min
Response: 787414888
Conc: 60.43 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 182936367
Conc: 54.58 ng/ml m



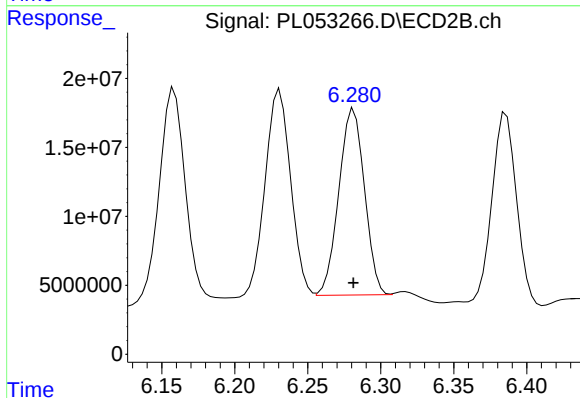
#9 Endosulfan I

R.T.: 5.626 min
Delta R.T.: -0.006 min
Response: 717036664
Conc: 59.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

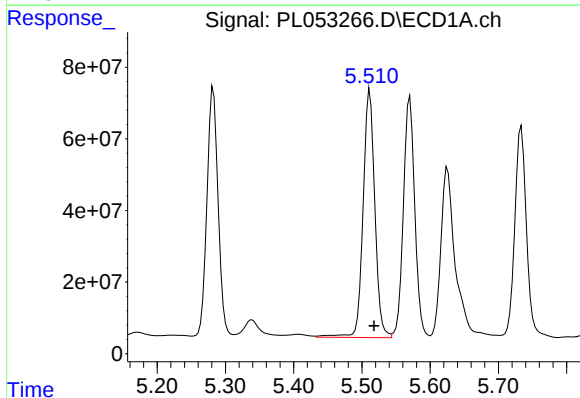
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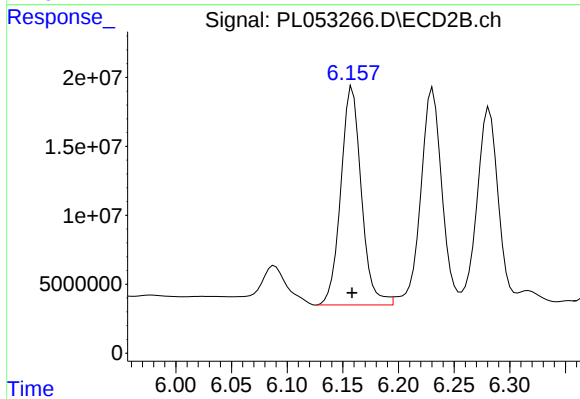
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 165324671
Conc: 52.89 ng/ml m



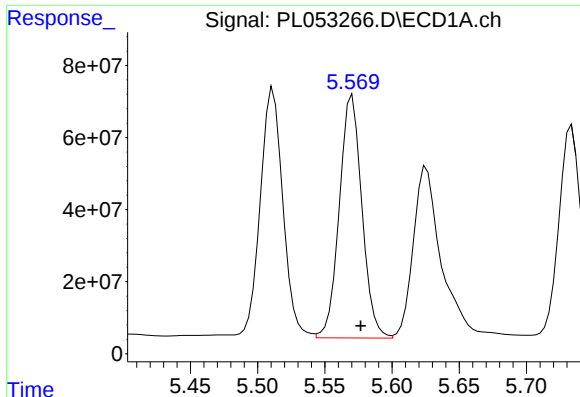
#10 gamma-Chlordane

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 830694074
Conc: 61.77 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 203557103
Conc: 60.17 ng/ml



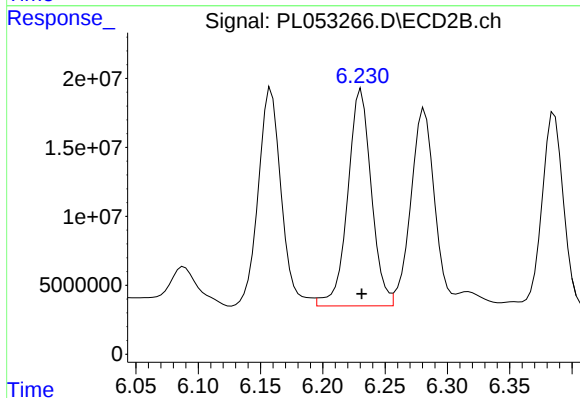
#11 alpha-Chlordane

R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 785277713
Conc: 59.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

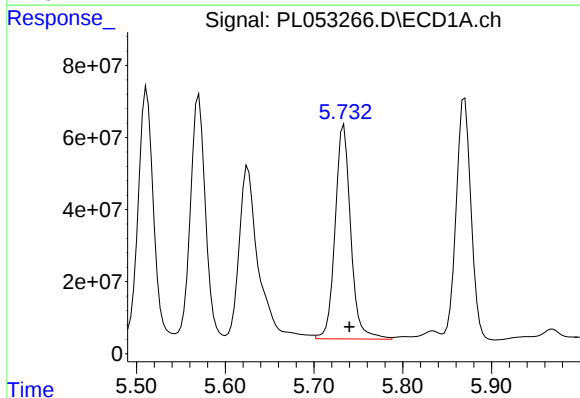
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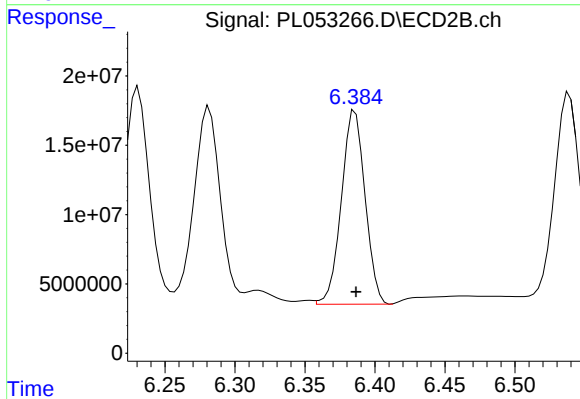
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 208198527
Conc: 61.85 ng/ml



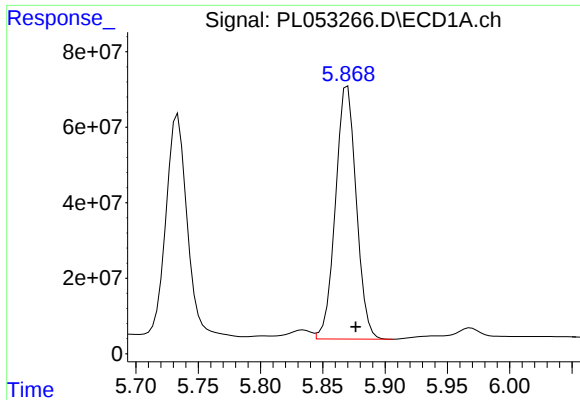
#12 4,4'-DDE

R.T.: 5.734 min
Delta R.T.: -0.006 min
Response: 725677624
Conc: 62.52 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 164698445
Conc: 50.43 ng/ml



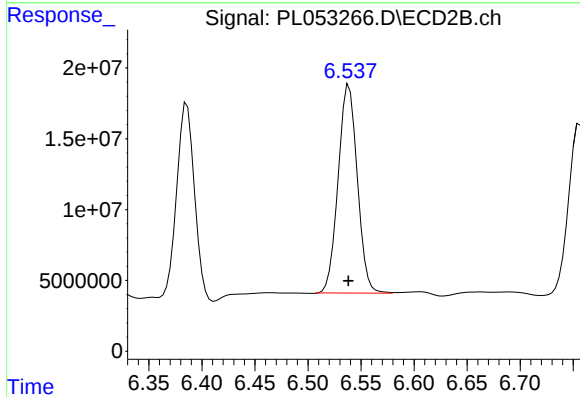
#13 Dieldrin

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 779659976
Conc: 60.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

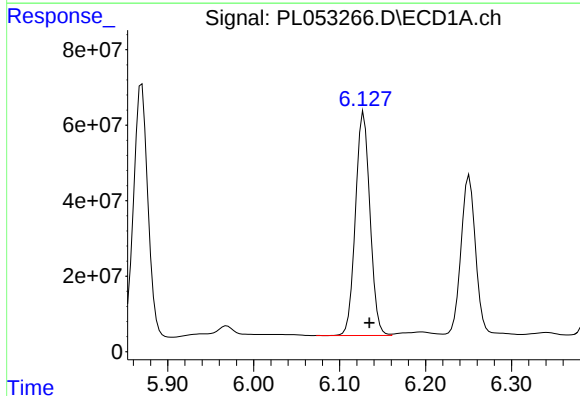
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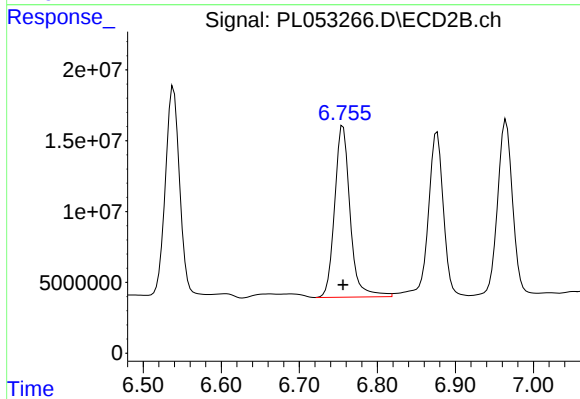
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 184905344
Conc: 56.69 ng/ml m



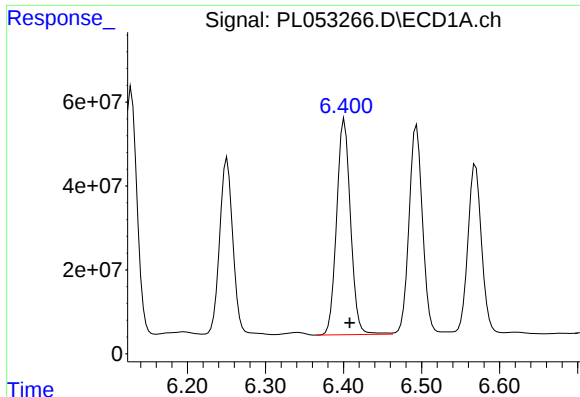
#14 Endrin

R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 694848714
Conc: 61.00 ng/ml



#14 Endrin

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 166890025
Conc: 60.10 ng/ml



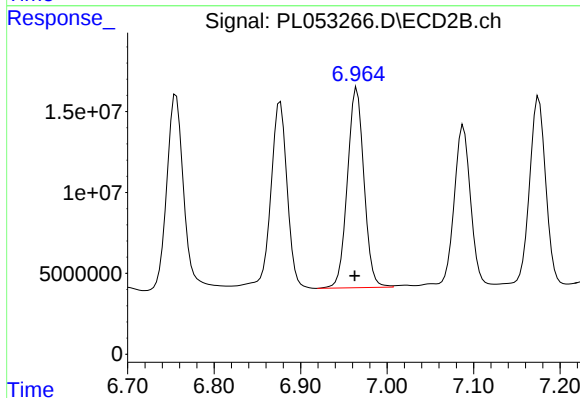
#15 Endosulfan II

R.T.: 6.401 min
Delta R.T.: -0.007 min
Response: 636160077
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
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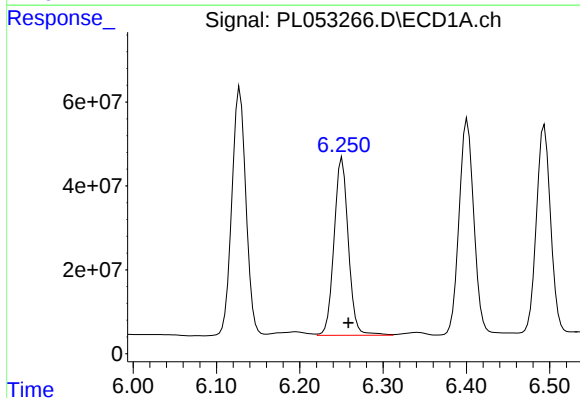
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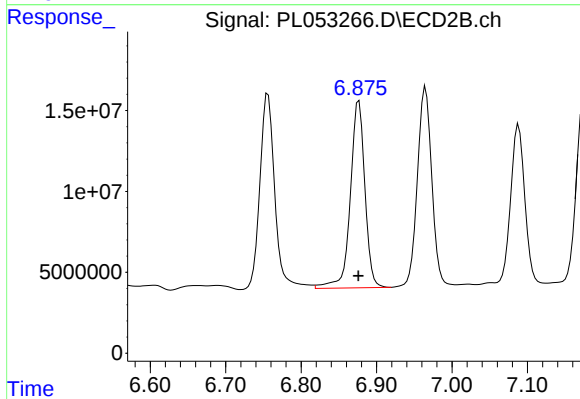
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 163920588
Conc: 55.25 ng/ml



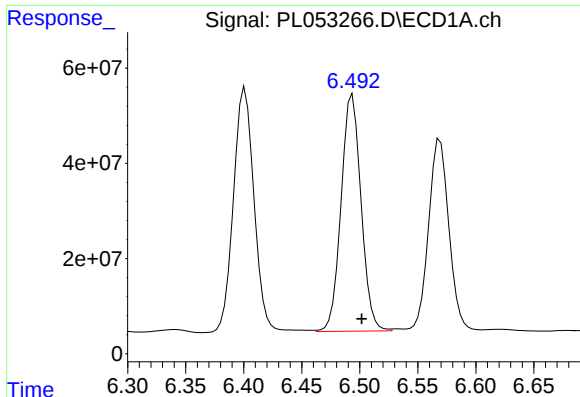
#16 4,4'-DDD

R.T.: 6.251 min
Delta R.T.: -0.008 min
Response: 505851621
Conc: 56.28 ng/ml



#16 4,4'-DDD

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 155684284
Conc: 63.48 ng/ml



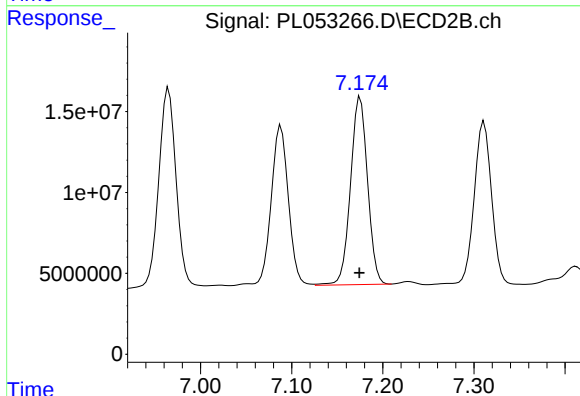
#17 4,4'-DDT

R.T.: 6.494 min
Delta R.T.: -0.008 min
Response: 594748431
Conc: 58.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

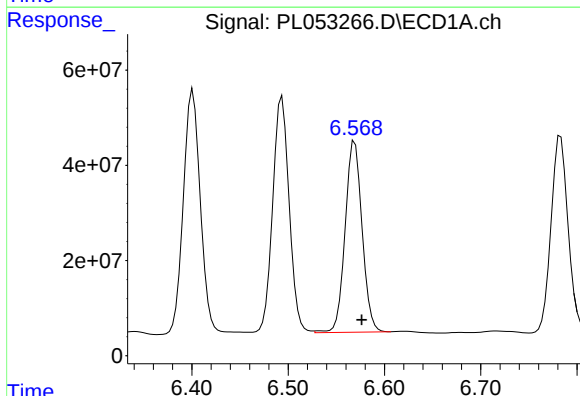
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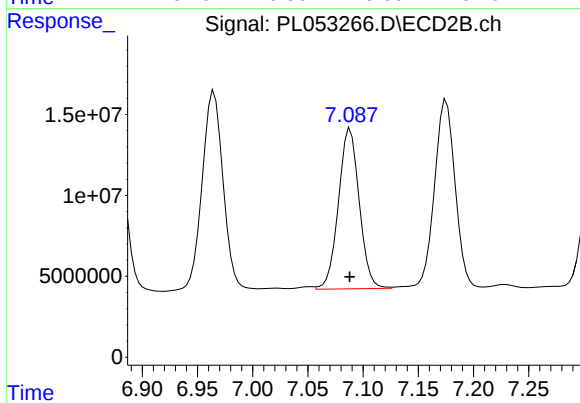
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 150809376
Conc: 57.95 ng/ml



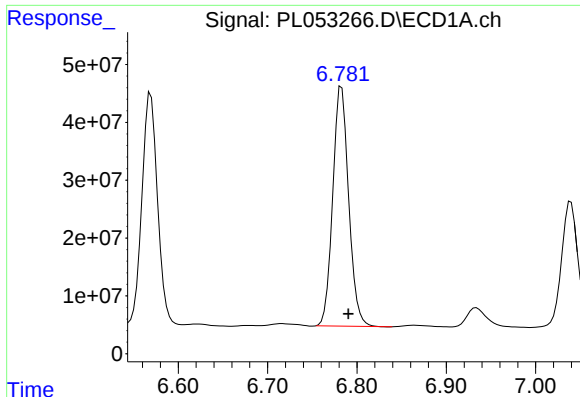
#18 Endrin aldehyde

R.T.: 6.569 min
Delta R.T.: -0.007 min
Response: 488847589
Conc: 52.06 ng/ml



#18 Endrin aldehyde

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 129832428
Conc: 52.94 ng/ml



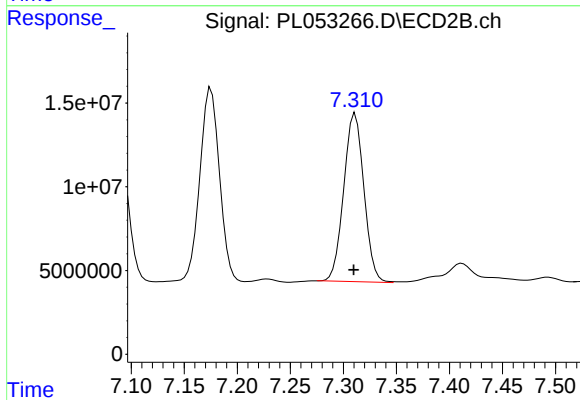
#19 Endosulfan Sulfate

R.T.: 6.783 min
Delta R.T.: -0.008 min
Response: 512575753
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

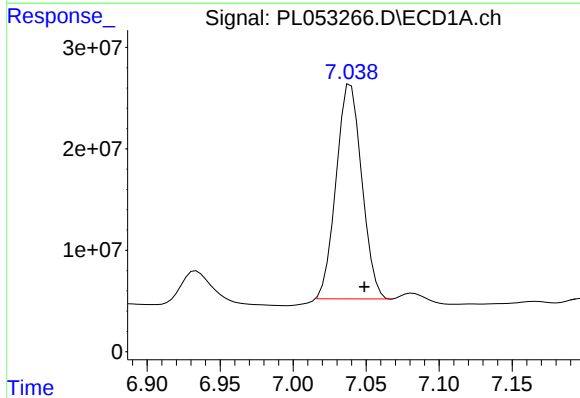
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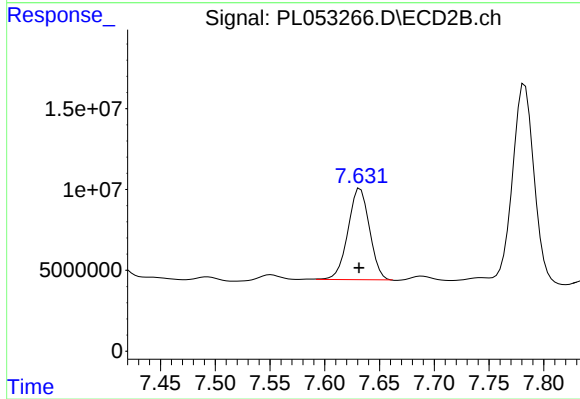
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 132770619
Conc: 48.63 ng/ml m



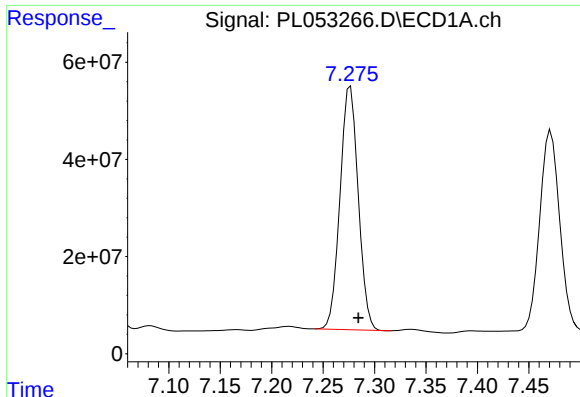
#20 Methoxychlor

R.T.: 7.039 min
Delta R.T.: -0.009 min
Response: 258516983
Conc: 50.12 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 77213803
Conc: 54.84 ng/ml m



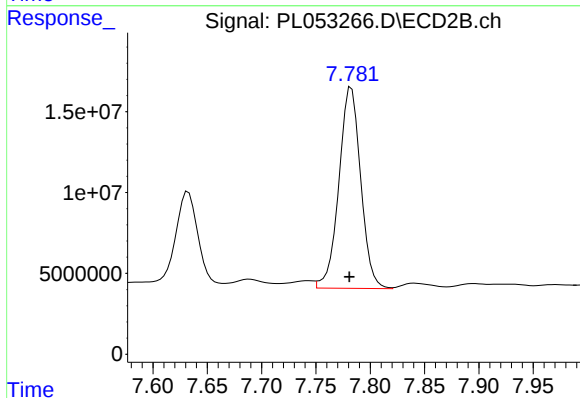
#21 Endrin ketone

R.T.: 7.277 min
Delta R.T.: -0.008 min
Response: 618024057
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

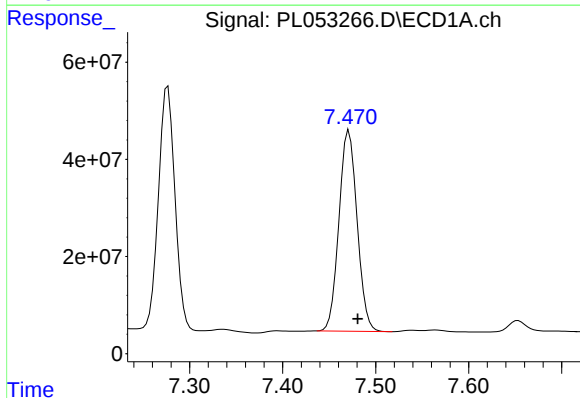
Manual Integrations
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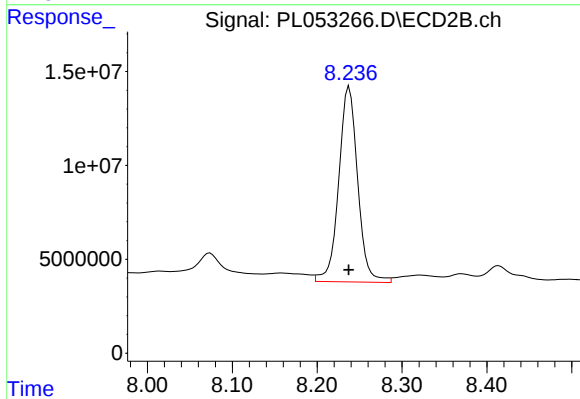
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 174250598
Conc: 61.08 ng/ml



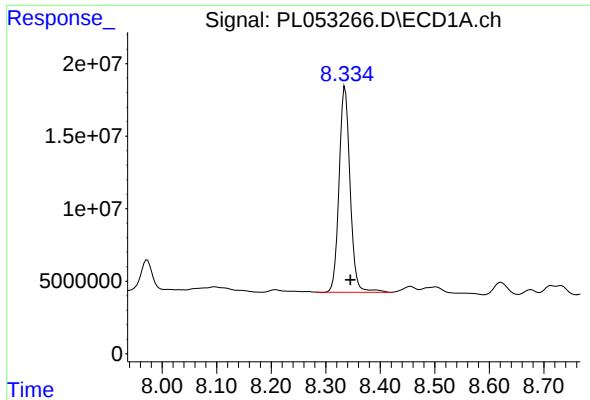
#22 Mirex

R.T.: 7.471 min
Delta R.T.: -0.009 min
Response: 561205205
Conc: 59.43 ng/ml



#22 Mirex

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 161294660
Conc: 71.71 ng/ml



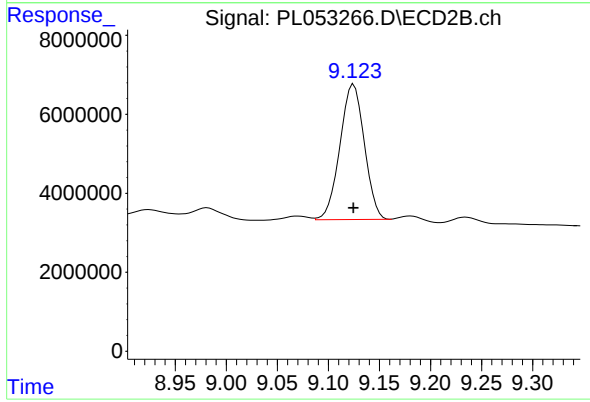
#28 Decachlorobiphenyl

R.T.: 8.335 min
Delta R.T.: -0.010 min
Response: 199484744
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 56982510
Conc: 19.42 ng/ml