

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101519\
 Data File : PL053321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 18:55
 Operator : SG\AJ
 Sample : K5352-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 TP-19-SMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 00:56:09 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	4.045	164.3E6	45894506	16.522	17.092
28)	SA Decachlor...	8.335	9.125	140.5E6	45258640	14.024	15.427
Target Compounds							
2)	A alpha-BHC	3.989	4.437	719.7E6	157.7E6	45.124	41.059
3)	MA gamma-BHC...	4.276	4.723	666.4E6	150.6E6	45.756	41.588
4)	MA Heptachlor	4.584	5.232	693.5E6	156.4E6	46.414	41.030
5)	MB Aldrin	4.836	5.538	644.2E6	144.3E6	46.832	41.630
6)	B beta-BHC	4.526	4.892	286.5E6	71899481	46.153	45.743
7)	B delta-BHC	4.735	5.109	381.9E6	88116830	26.648	24.342
8)	B Heptachlor...	5.282	5.924	583.3E6	137.7E6	44.766	41.079
9)	A Endosulfan I	5.624	6.281	526.3E6	127.2E6	43.364	40.697
10)	B gamma-Chl...	5.511	6.158	586.4E6	137.1E6	43.608	40.520
11)	B alpha-Chl...	5.569	6.231	568.8E6	136.4E6	43.126	40.523
12)	B 4,4'-DDE	5.732	6.386	522.8E6	135.3E6	45.046	41.413
13)	MA Dieldrin	5.869	6.538	555.0E6	133.8E6	42.998	41.013
14)	MA Endrin	6.127	6.756	477.6E6	112.3E6	41.933	40.446
15)	B Endosulfa...	6.400	6.964	453.2E6	118.7E6	39.549	40.004
16)	A 4,4'-DDD	6.250	6.876	388.8E6	104.1E6	43.252	42.453
17)	MA 4,4'-DDT	6.493	7.175	404.5E6	104.1E6	39.610	40.011
18)	B Endrin al...	6.568	7.089	363.6E6	98020830	38.720	39.965
19)	B Endosulfa...	6.783	7.310	374.0E6	100.7E6	35.933	36.869m
20)	A Methoxychlor	7.038	7.633	195.7E6	55952343	37.944m	39.741
21)	B Endrin ke...	7.277	7.782	456.1E6	119.9E6	39.136	42.025
22)	Mirex	7.470	8.237	398.8E6	105.8E6	42.226	47.034

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101519\
Data File : PL053321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2019 18:55
Operator : SG\AJ
Sample : K5352-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

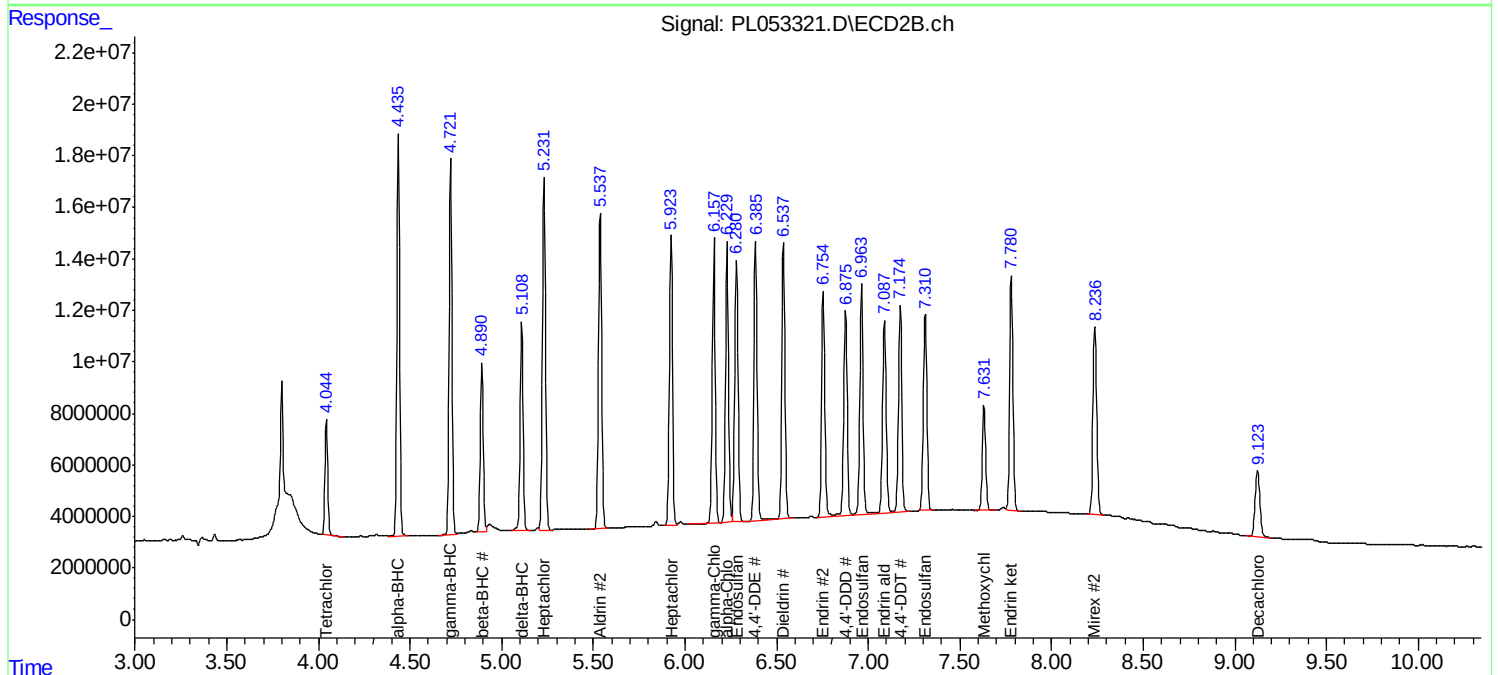
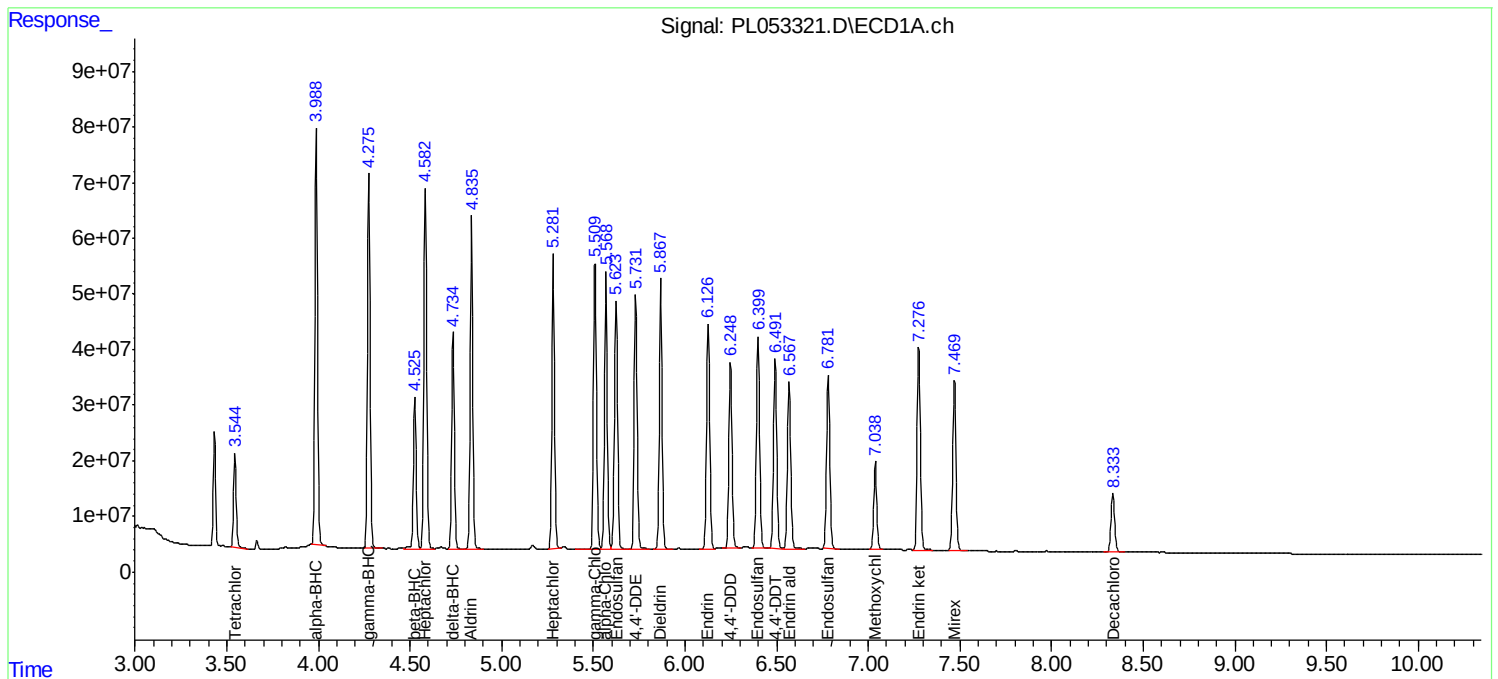
Instrument :
ECD_L
ClientSampled :
TP-19-SMSD

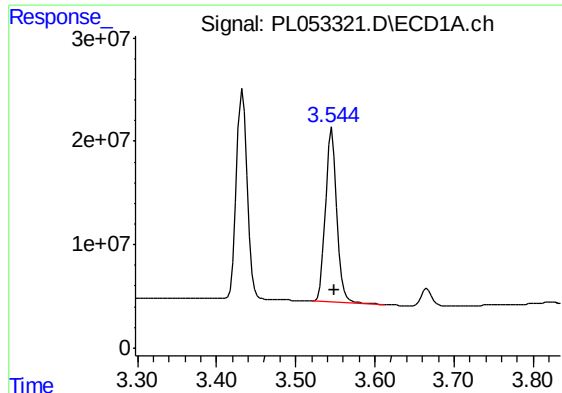
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 00:56:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response 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





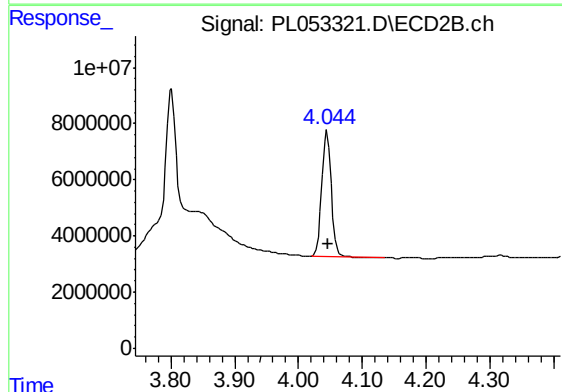
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.004 min
Response: 164334751
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

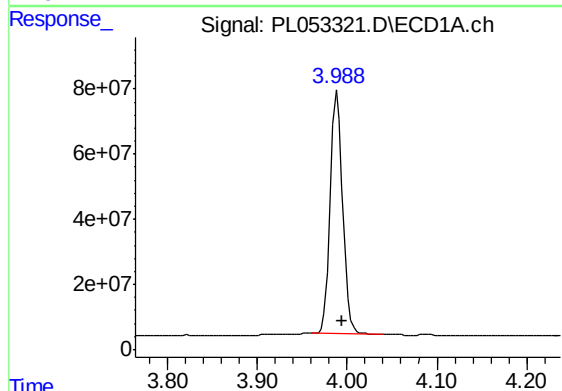
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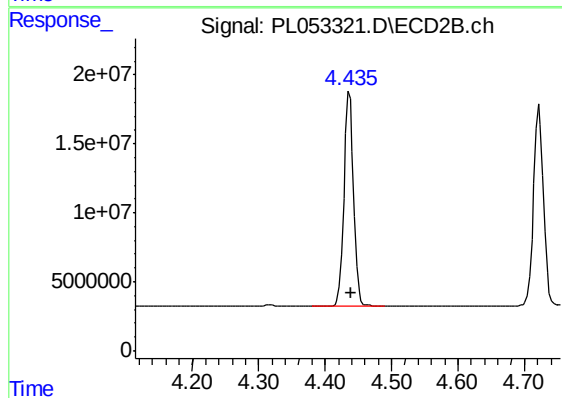
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 45894506
Conc: 17.09 ng/ml



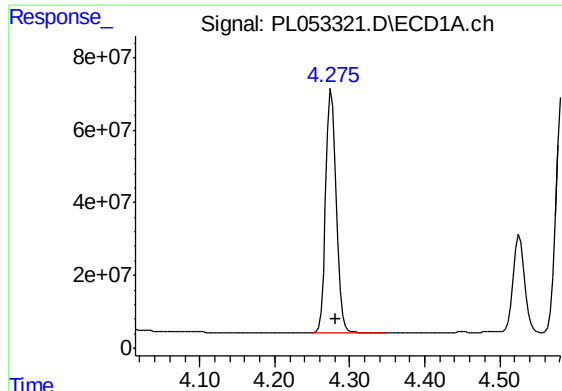
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 719745756
Conc: 45.12 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 157666914
Conc: 41.06 ng/ml



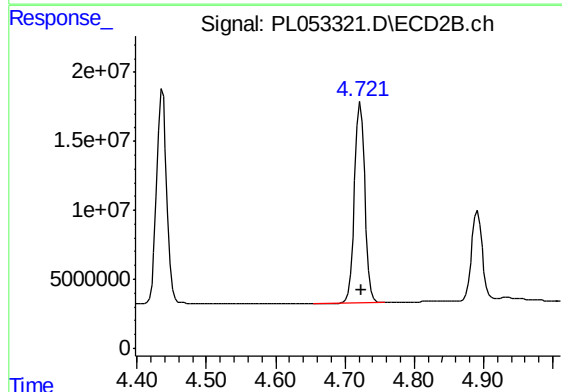
#3 gamma-BHC (Lindane)

R.T.: 4.276 min
Delta R.T.: -0.005 min
Response: 666412147
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

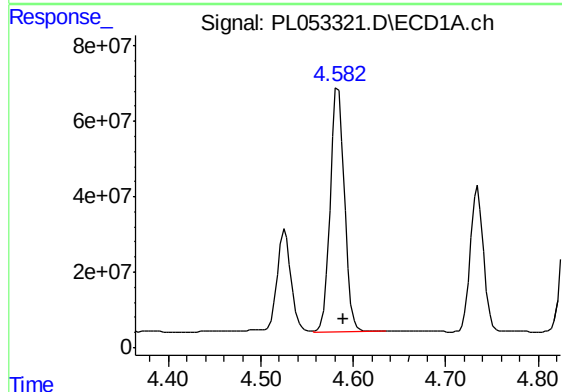
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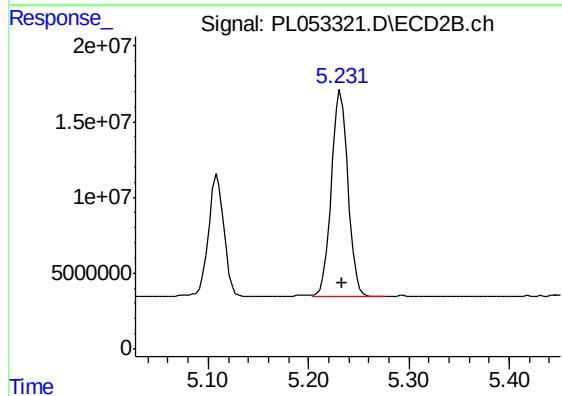
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 150597961
Conc: 41.59 ng/ml



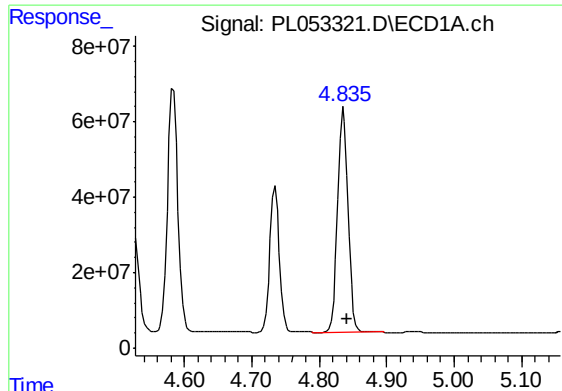
#4 Heptachlor

R.T.: 4.584 min
Delta R.T.: -0.006 min
Response: 693521593
Conc: 46.41 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 156354667
Conc: 41.03 ng/ml



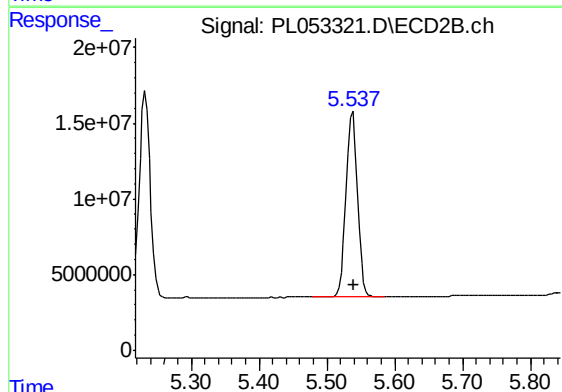
#5 Aldrin

R.T.: 4.836 min
Delta R.T.: -0.006 min
Response: 644189935
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

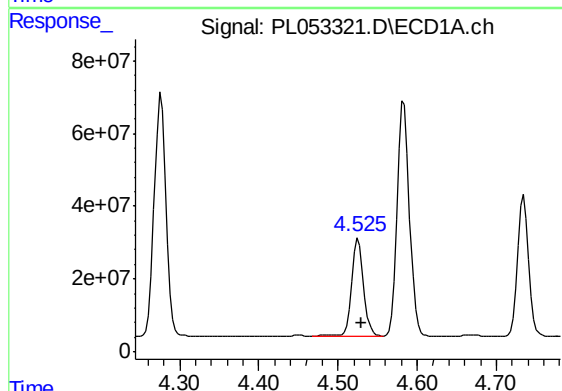
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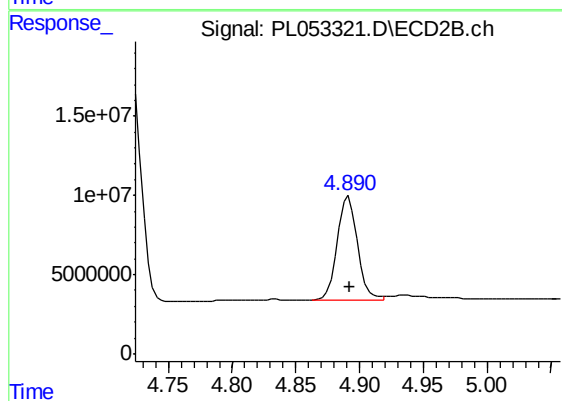
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 144274244
Conc: 41.63 ng/ml



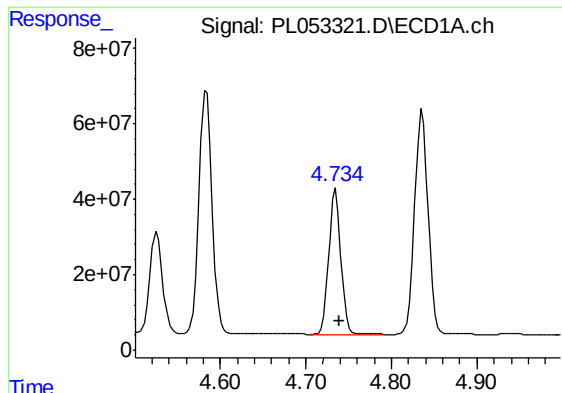
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.004 min
Response: 286542684
Conc: 46.15 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 71899481
Conc: 45.74 ng/ml



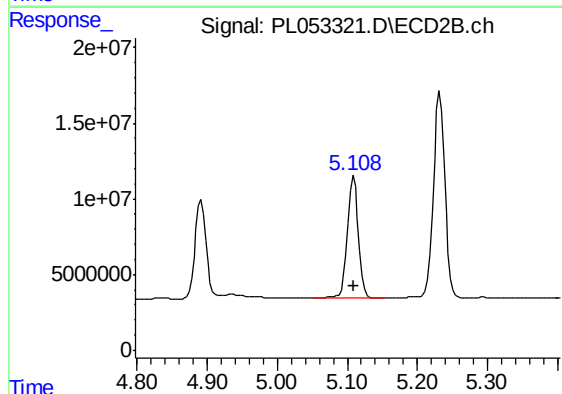
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 381851105
Conc: 26.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

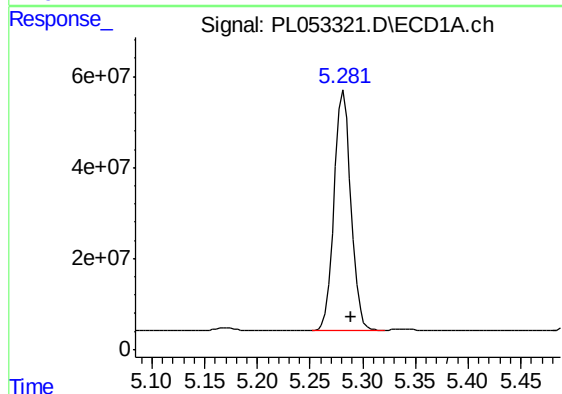
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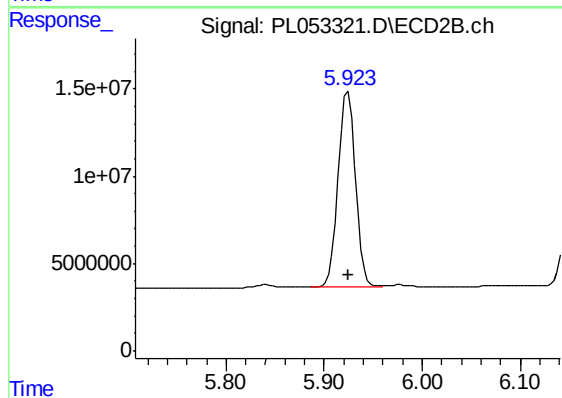
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 88116830
Conc: 24.34 ng/ml



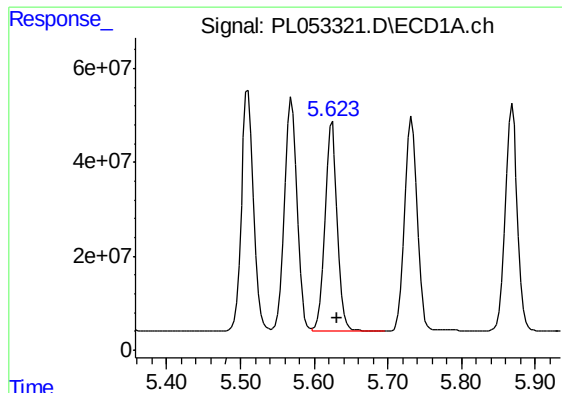
#8 Heptachlor epoxide

R.T.: 5.282 min
Delta R.T.: -0.007 min
Response: 583345623
Conc: 44.77 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 137677386
Conc: 41.08 ng/ml



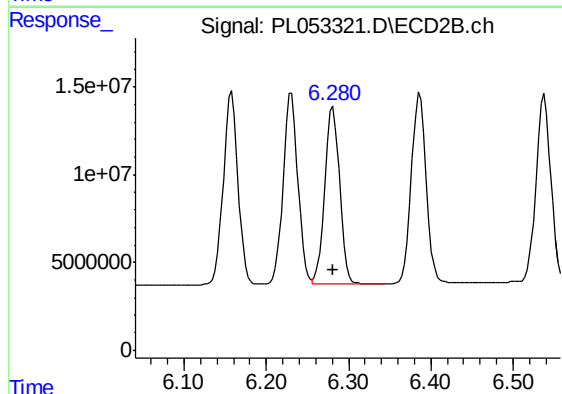
#9 Endosulfan I

R.T.: 5.624 min
Delta R.T.: -0.007 min
Response: 526259809
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

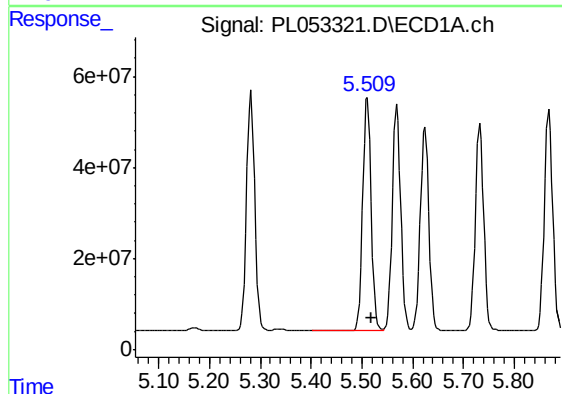
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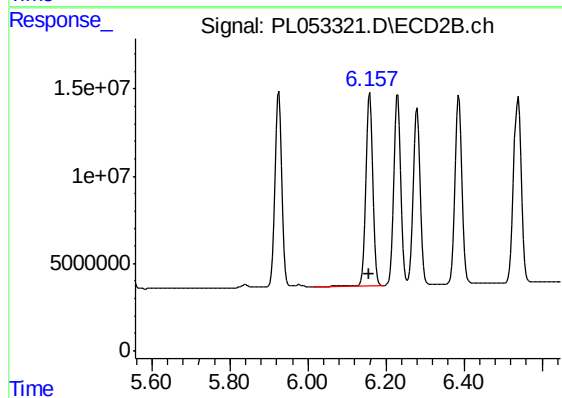
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 127207379
Conc: 40.70 ng/ml



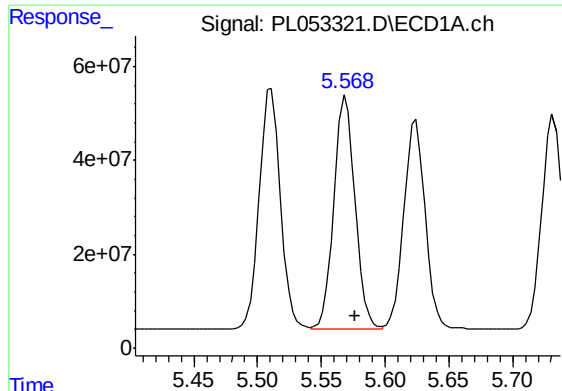
#10 gamma-Chlordane

R.T.: 5.511 min
Delta R.T.: -0.007 min
Response: 586438432
Conc: 43.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 137084468
Conc: 40.52 ng/ml



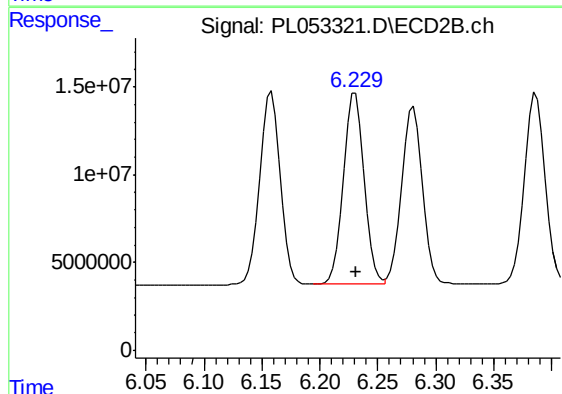
#11 alpha-Chlordane

R.T.: 5.569 min
Delta R.T.: -0.007 min
Response: 568805983
Conc: 43.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

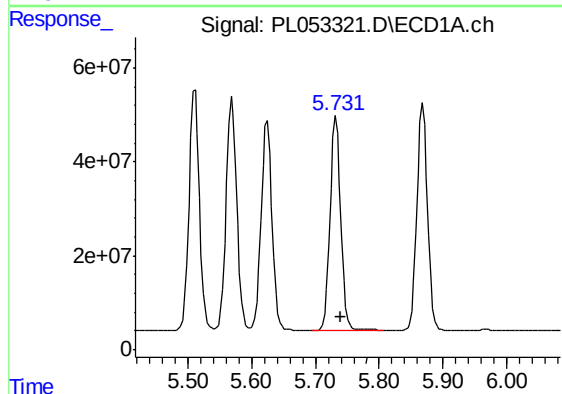
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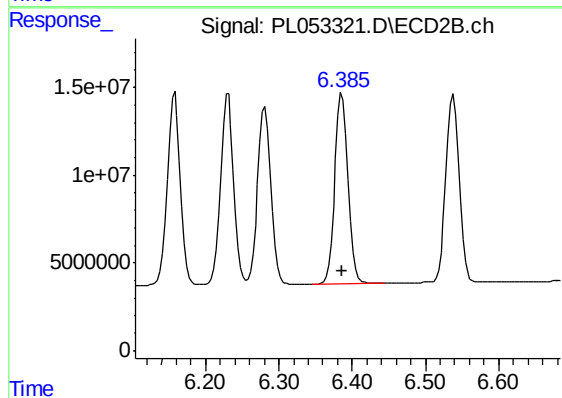
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 136396987
Conc: 40.52 ng/ml



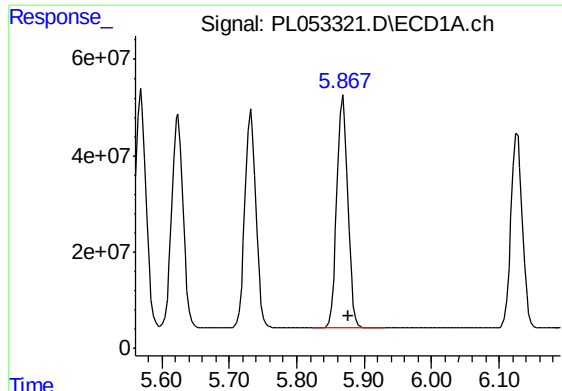
#12 4,4'-DDE

R.T.: 5.732 min
Delta R.T.: -0.008 min
Response: 522820929
Conc: 45.05 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 135261593
Conc: 41.41 ng/ml



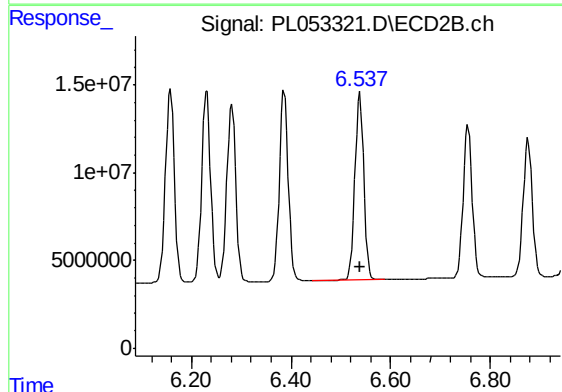
#13 Dielldrin

R.T.: 5.869 min
Delta R.T.: -0.007 min
Response: 555025474
Conc: 43.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

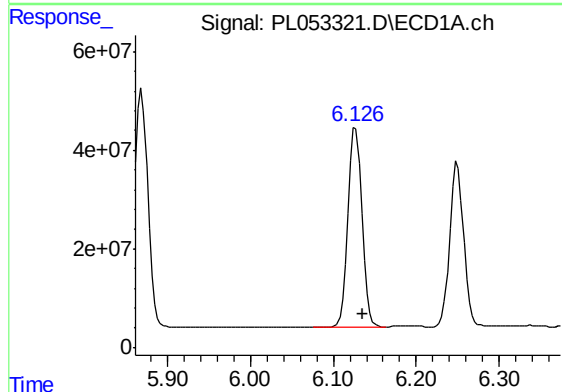
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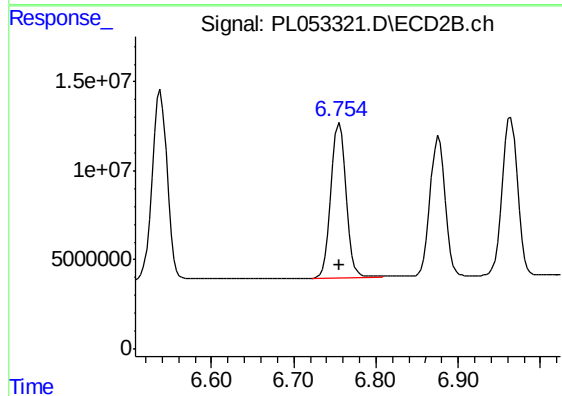
#13 Dielldrin

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 133781658
Conc: 41.01 ng/ml



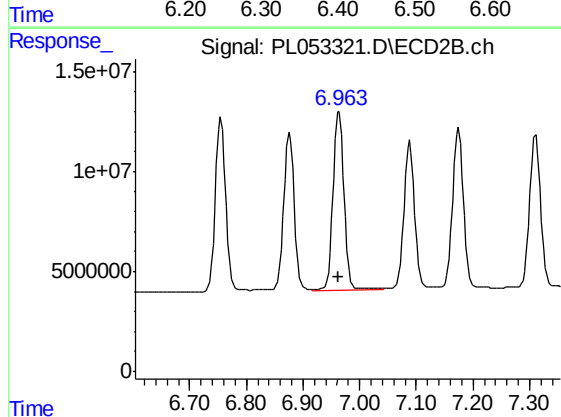
#14 Endrin

R.T.: 6.127 min
Delta R.T.: -0.008 min
Response: 477647272
Conc: 41.93 ng/ml



#14 Endrin

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 112313392
Conc: 40.45 ng/ml

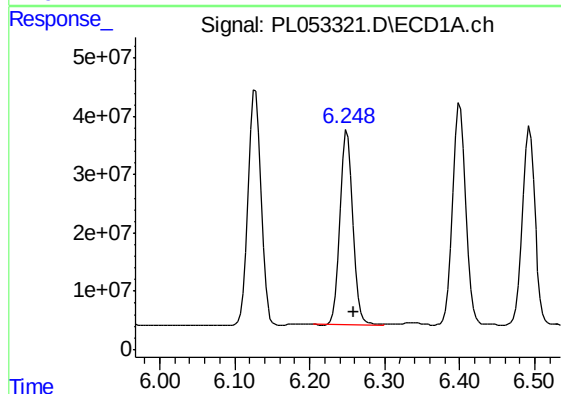


```
#15  Endosulfan II
      R.T.:    6.400 min
Delta R.T.:   -0.008 min
Response: 453209592
Conc: 39.55 ng/ml
```

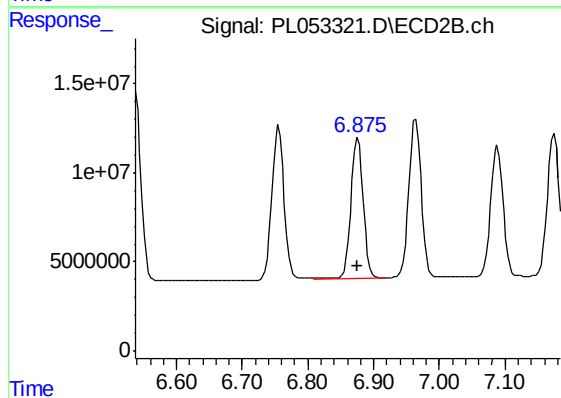
Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

Manual Integrations

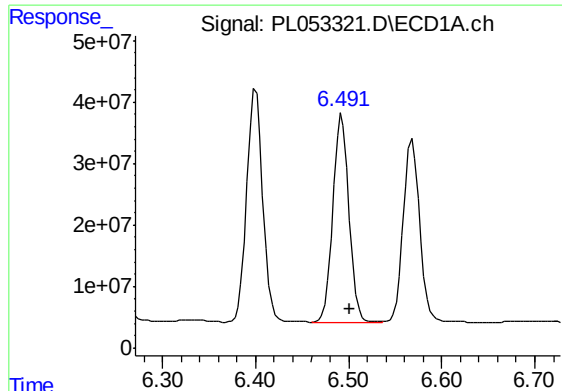
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```
#16  4,4'-DDD
      R.T.:    6.250 min
Delta R.T.:   -0.009 min
      Response: 388762420
      Conc:    43.25 ng/ml
```



```
#16  4,4'-DDD
      R.T.:      6.876 min
Delta R.T.:      0.000 min
      Response: 104119542
      Conc:      42.45 ng/ml
```



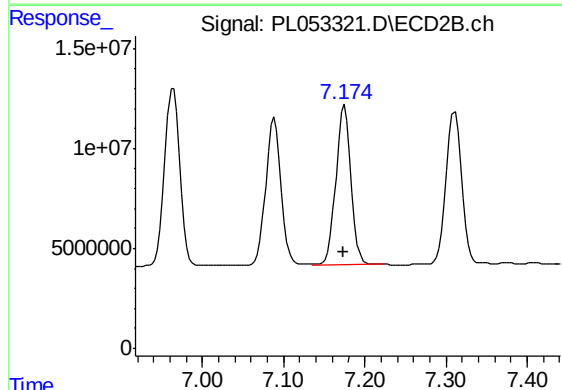
#17 4,4'-DDT

R.T.: 6.493 min
Delta R.T.: -0.009 min
Response: 404517036
Conc: 39.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

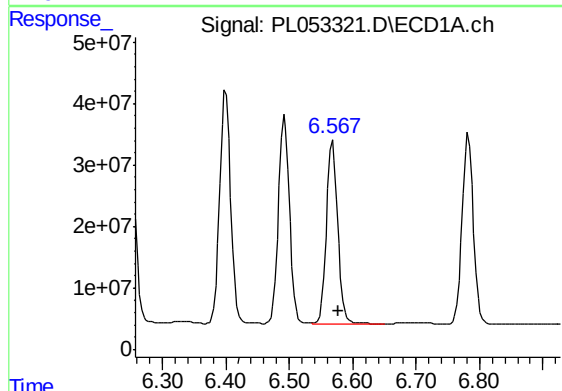
Manual Integrations
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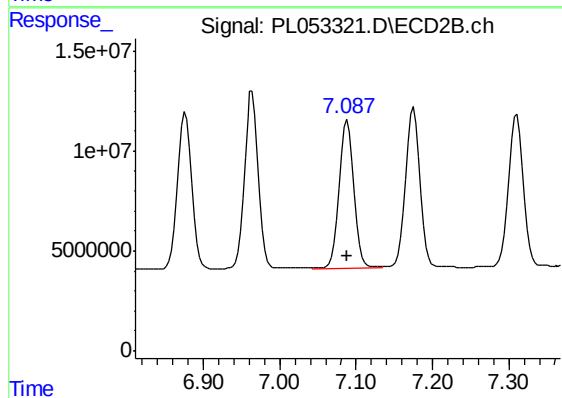
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 104129263
Conc: 40.01 ng/ml



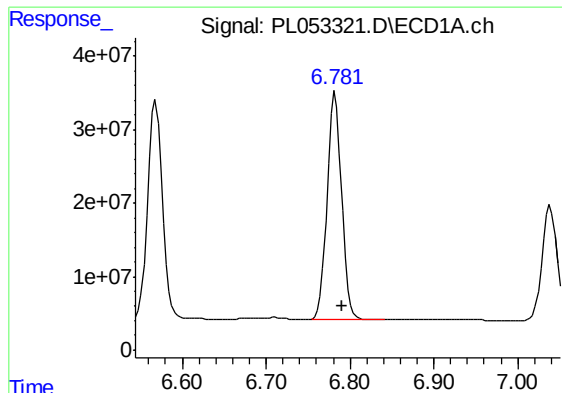
#18 Endrin aldehyde

R.T.: 6.568 min
Delta R.T.: -0.008 min
Response: 363613266
Conc: 38.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 98020830
Conc: 39.97 ng/ml



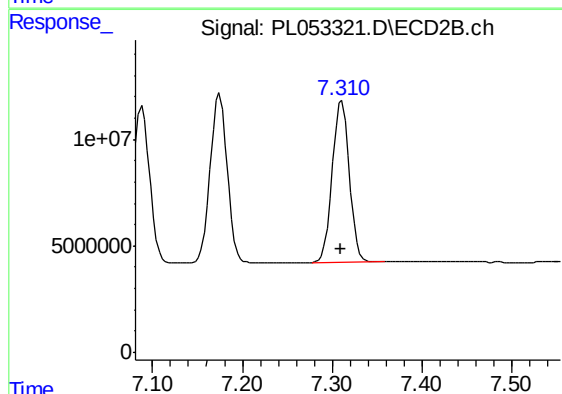
#19 Endosulfan Sulfate

R.T.: 6.783 min
Delta R.T.: -0.008 min
Response: 374031004
Conc: 35.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

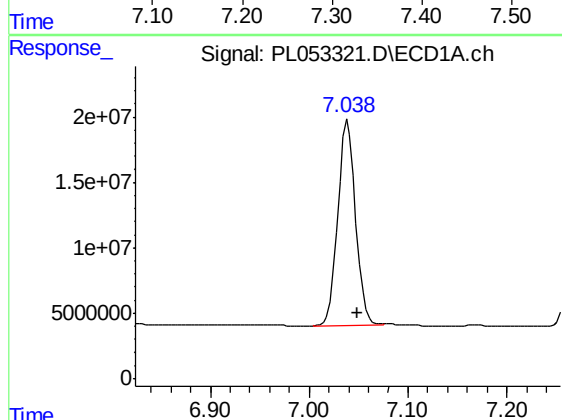
Manual Integrations
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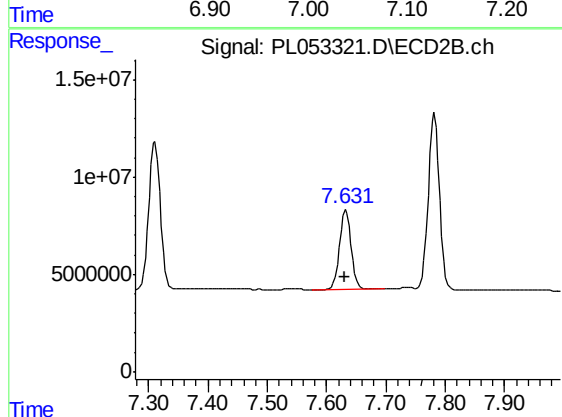
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 100666339
Conc: 36.87 ng/ml m



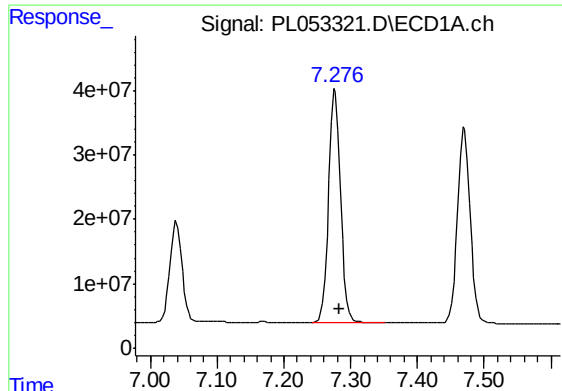
#20 Methoxychlor

R.T.: 7.038 min
Delta R.T.: -0.011 min
Response: 195719745
Conc: 37.94 ng/ml m



#20 Methoxychlor

R.T.: 7.633 min
Delta R.T.: 0.001 min
Response: 55952343
Conc: 39.74 ng/ml



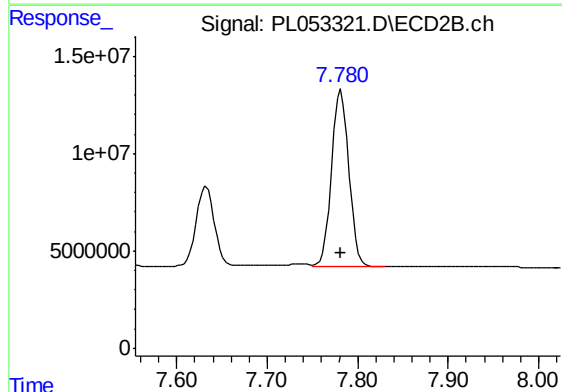
#21 Endrin ketone

R.T.: 7.277 min
Delta R.T.: -0.007 min
Response: 456131635
Conc: 39.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

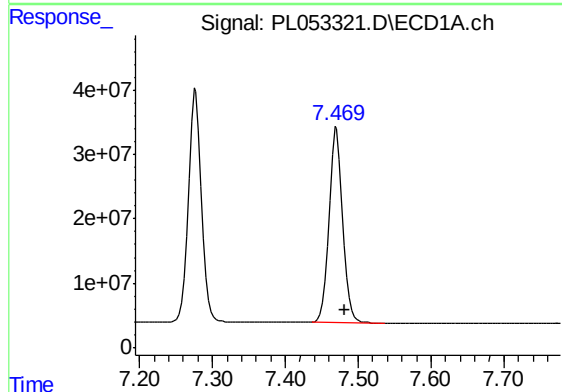
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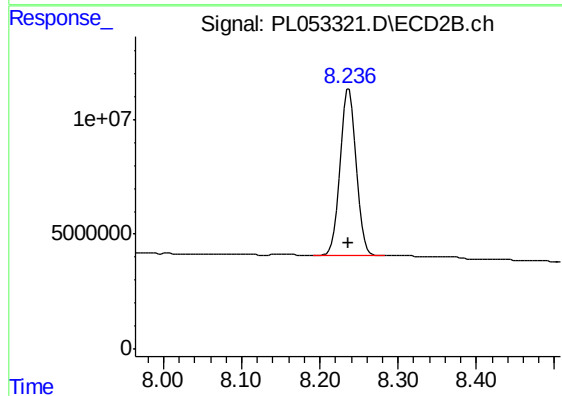
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 119894017
Conc: 42.03 ng/ml



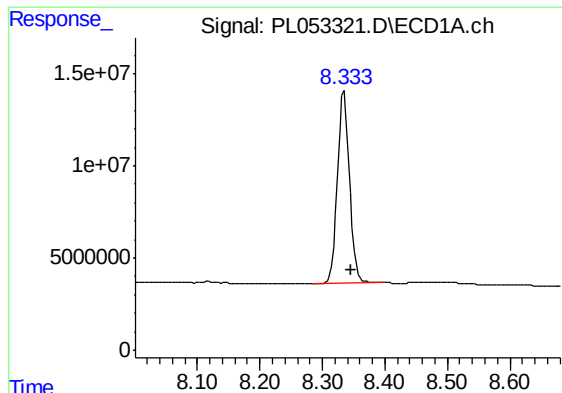
#22 Mirex

R.T.: 7.470 min
Delta R.T.: -0.010 min
Response: 398757891
Conc: 42.23 ng/ml



#22 Mirex

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 105790772
Conc: 47.03 ng/ml



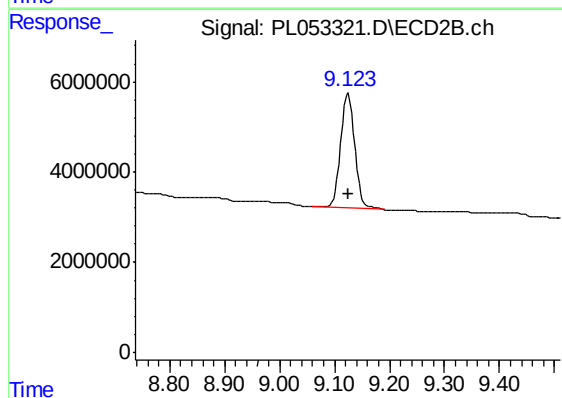
#28 Decachlorobiphenyl

R.T.: 8.335 min
Delta R.T.: -0.011 min
Response: 140464132
Conc: 14.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-19-SMSD

Manual Integrations
APPROVED

Ankita
10/15/2019 11:37:58 AM



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 45258640
Conc: 15.43 ng/ml