

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012920\
 Data File : PL056182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2020 14:59
 Operator : AJ\MA
 Sample : L1278-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TONNELE-AVE-01MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 16:16:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 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...	3.497	4.015	190.7E6	56050337	18.204	19.169
28)	SA Decachlor...	8.251	9.093	128.0E6	29338802	12.162	12.971
Target Compounds							
2)	A alpha-BHC	3.936	4.404	819.1E6	213.6E6	45.967	48.794
3)	MA gamma-BHC...	4.220	4.689	697.0E6	201.9E6	42.568	49.239
4)	MA Heptachlor	4.522	5.196	735.4E6	184.1E6	45.809	51.462
5)	MB Aldrin	4.770	5.501	709.8E6	183.6E6	43.633	52.248
6)	B beta-BHC	4.470	4.861	267.7E6	74390446	40.646	45.375
7)	B delta-BHC	4.675	5.078	612.4E6	146.1E6	38.197	45.546
8)	B Heptachlor...	5.213	5.888	644.1E6	177.6E6	41.875	57.055 #
9)	A Endosulfan I	5.553	6.246	515.1E6	125.5E6	35.493	41.921
10)	B gamma-Chl...	5.439	6.123	927.2E6	244.2E6	59.120m	76.781 #
11)	B alpha-Chl...	5.498	6.196	860.8E6	255.2E6	55.956	80.522 #
12)	B 4,4'-DDE	5.661	6.353	663.8E6	169.5E6	45.798	56.575
13)	MA Dieldrin	5.796	6.503	726.2E6	172.2E6	47.216	55.486
14)	MA Endrin	6.053	6.722	566.3E6	127.9E6	40.299	48.817
15)	B Endosulfa...	6.327	6.933	513.3E6	118.0E6	39.247	43.841
16)	A 4,4'-DDD	6.177	6.846	421.2E6	110.6E6	39.181	46.858
17)	MA 4,4'-DDT	6.417	7.143	511.3E6	111.6E6	46.788	48.614m
18)	B Endrin al...	6.492	7.057	381.6E6	96833335	34.875m	42.653
19)	B Endosulfa...	6.706	7.281	458.9E6	102.2E6	37.748	40.396
20)	A Methoxychlor	6.961	7.605	231.1E6	53772042	43.495	43.856
21)	B Endrin ke...	7.199	7.751	473.5E6	107.6E6	36.186	40.350m
22)	Mirex	7.388	8.207	302.5E6	77212768	32.745	42.475 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012920\
Data File : PL056182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2020 14:59
Operator : AJ\MA
Sample : L1278-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

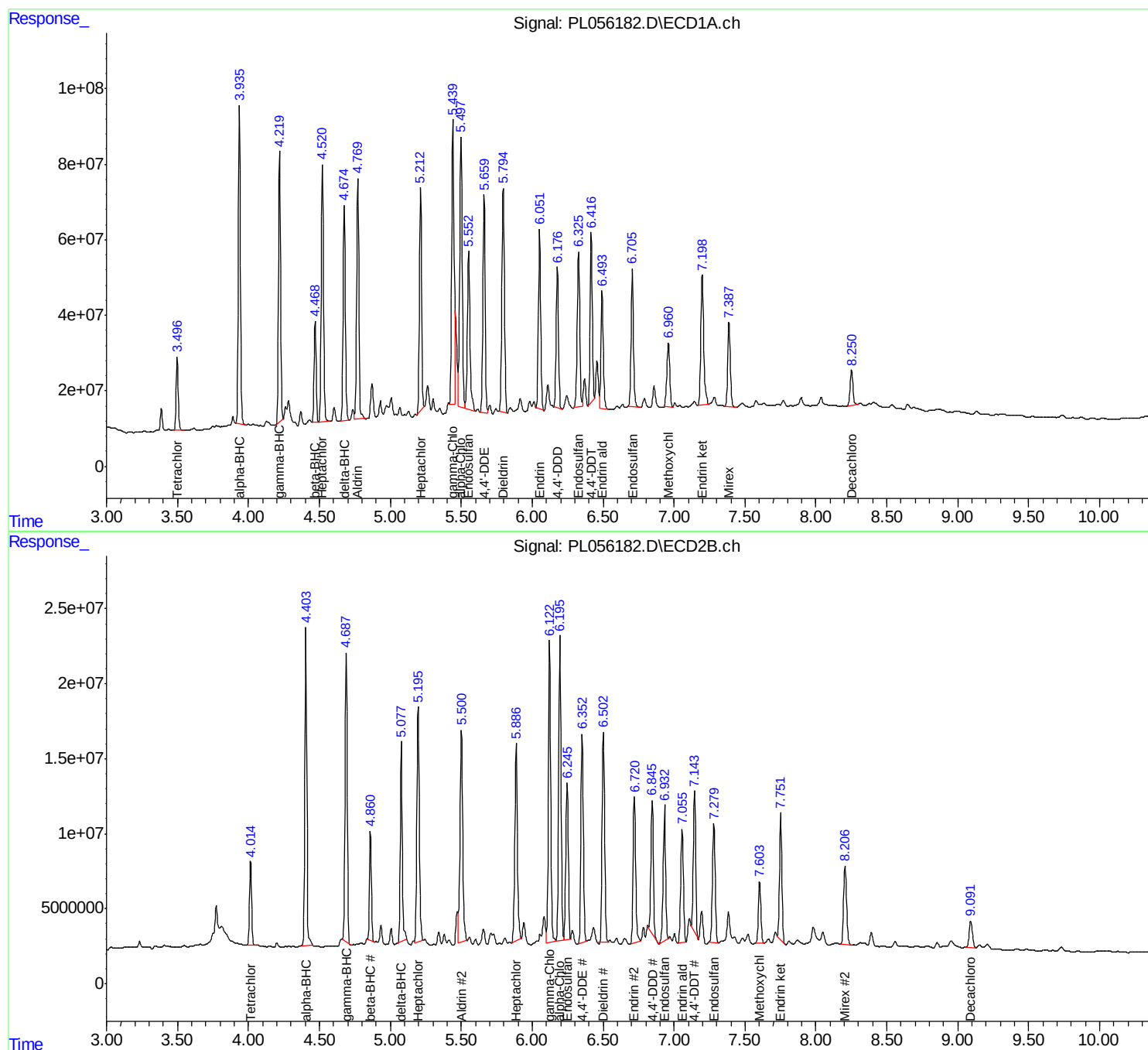
Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

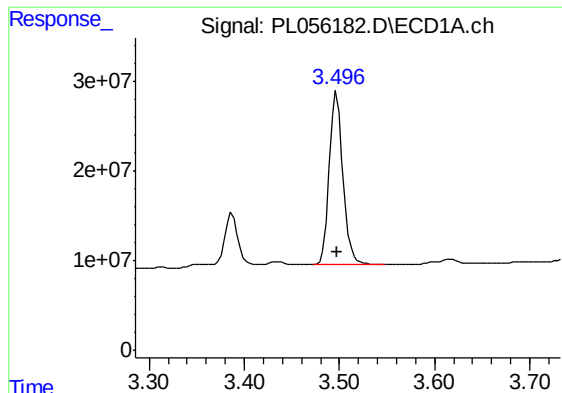
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 16:16:55 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
Response 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





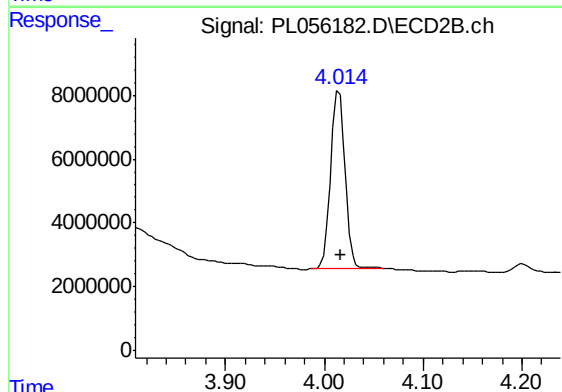
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 190653335
Conc: 18.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

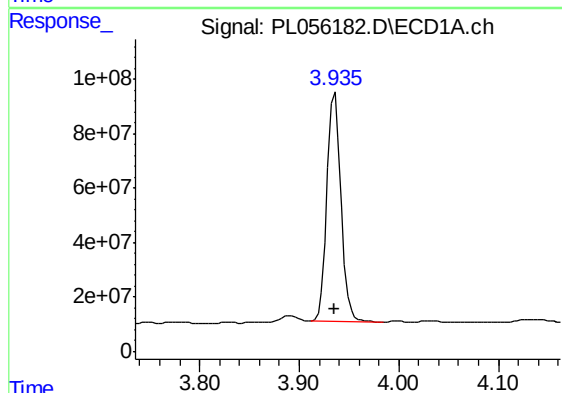
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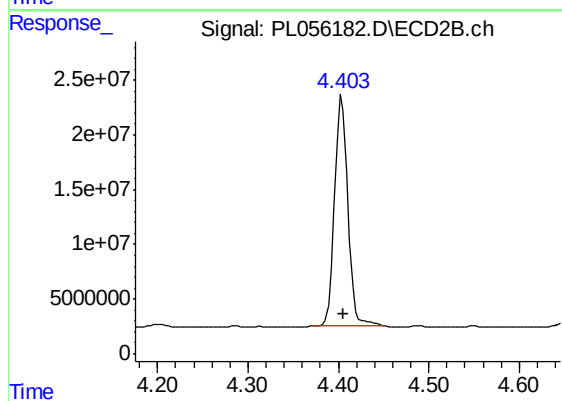
#1 Tetrachloro-m-xylene

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 56050337
Conc: 19.17 ng/ml



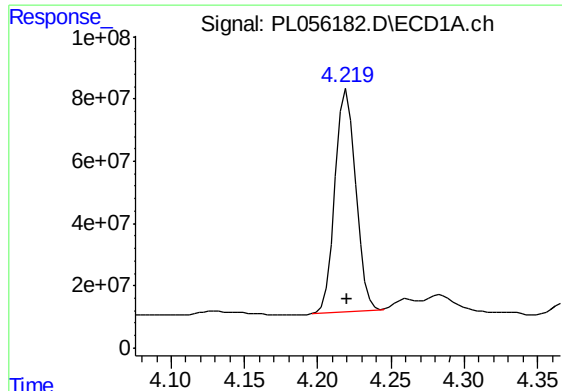
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 819142114
Conc: 45.97 ng/ml



#2 alpha-BHC

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 213580451
Conc: 48.79 ng/ml



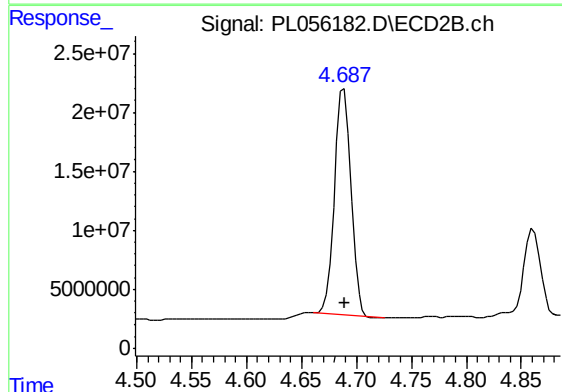
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 697005445
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

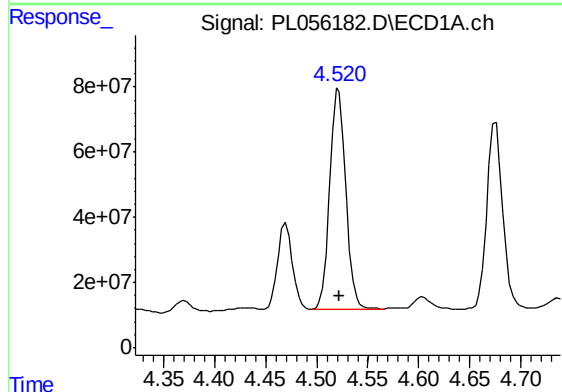
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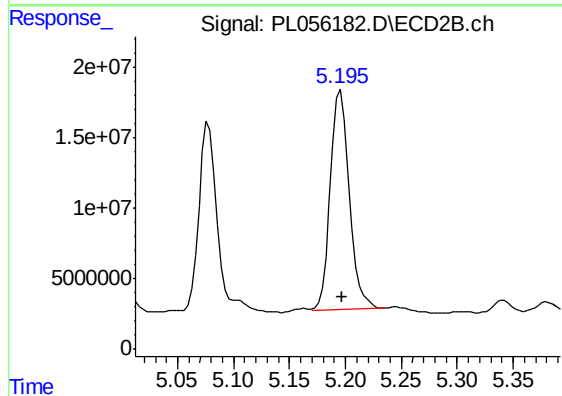
#3 gamma-BHC (Lindane)

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 201916940
Conc: 49.24 ng/ml



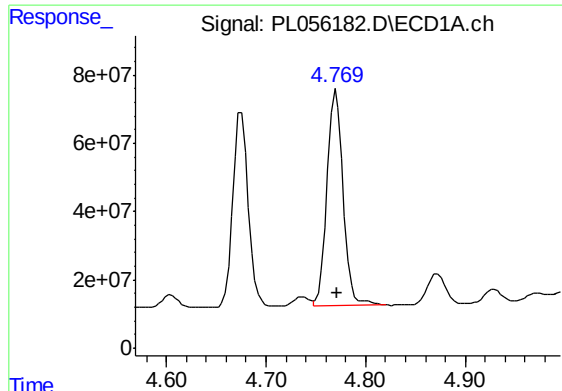
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 735448987
Conc: 45.81 ng/ml



#4 Heptachlor

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 184118233
Conc: 51.46 ng/ml



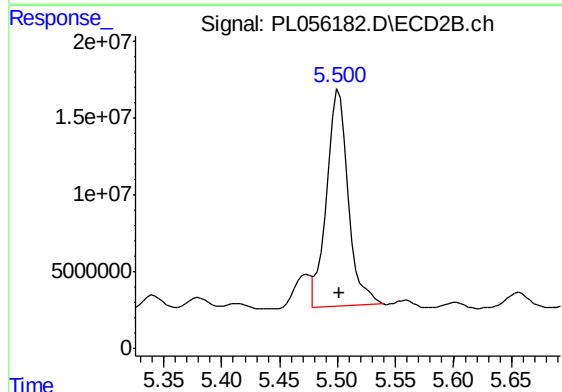
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 709790827
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

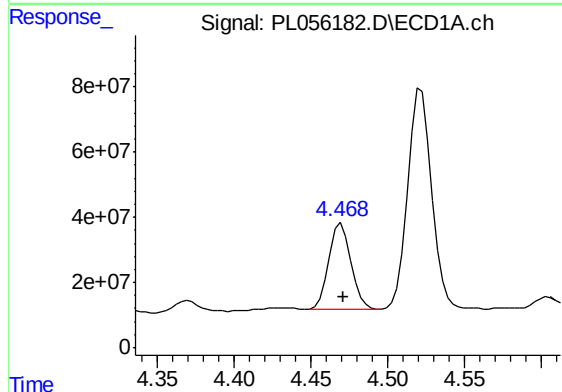
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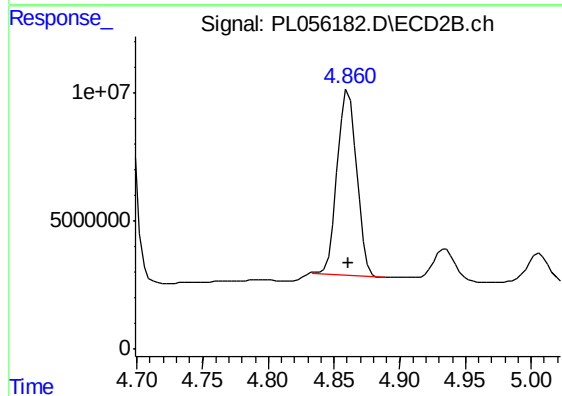
#5 Aldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 183633344
Conc: 52.25 ng/ml



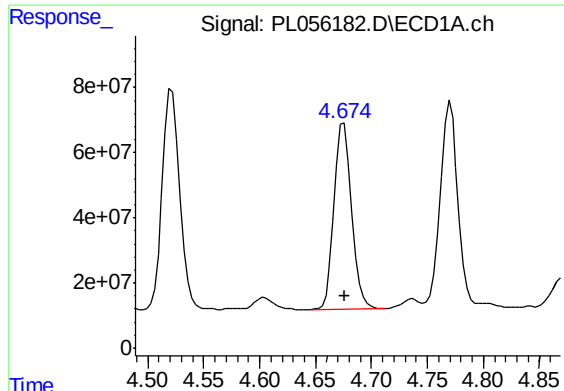
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 267728062
Conc: 40.65 ng/ml



#6 beta-BHC

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 74390446
Conc: 45.38 ng/ml



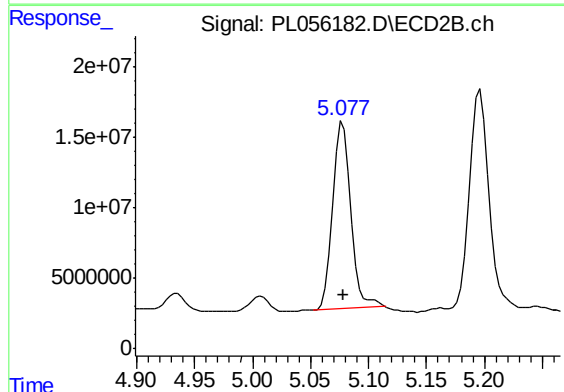
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 612384187
Conc: 38.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

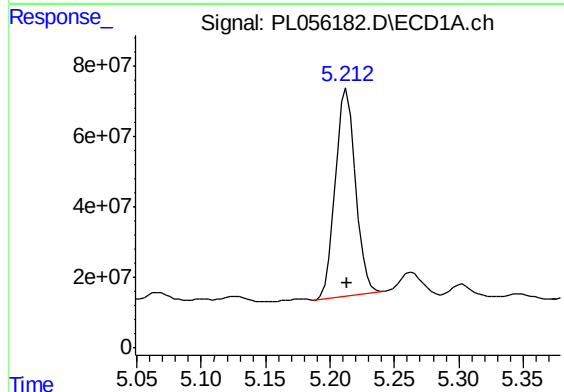
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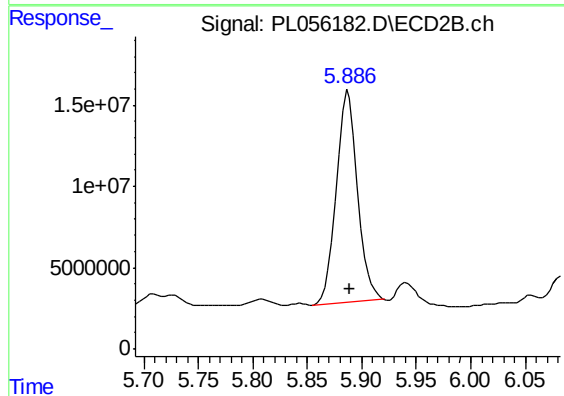
#7 delta-BHC

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 146070330
Conc: 45.55 ng/ml



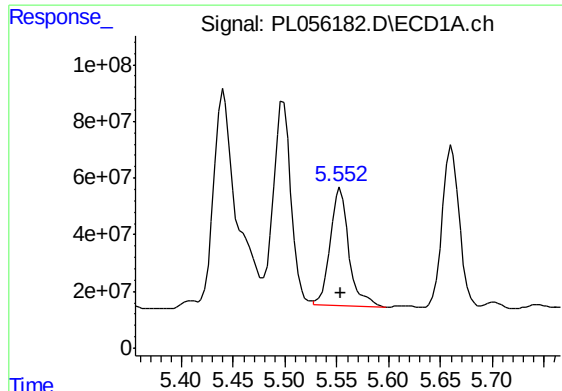
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 644065875
Conc: 41.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 177585553
Conc: 57.05 ng/ml



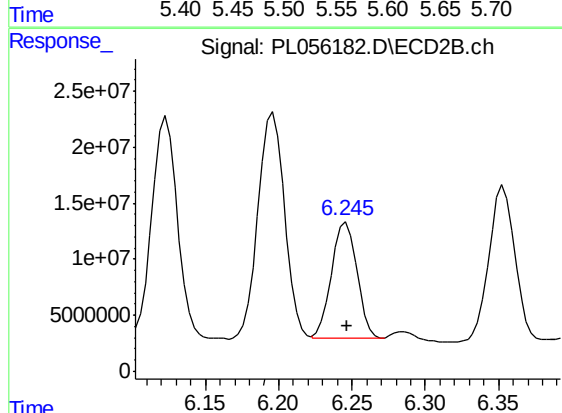
#9 Endosulfan I

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 515062164
Conc: 35.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

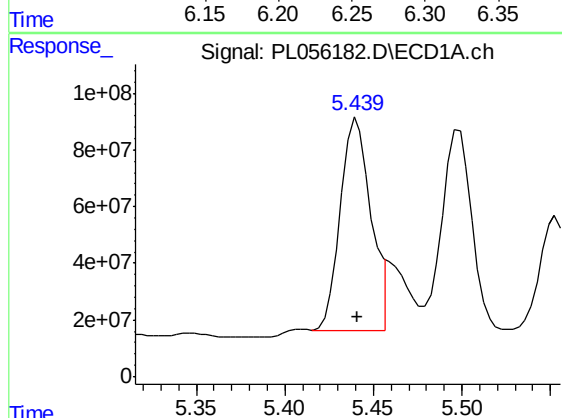
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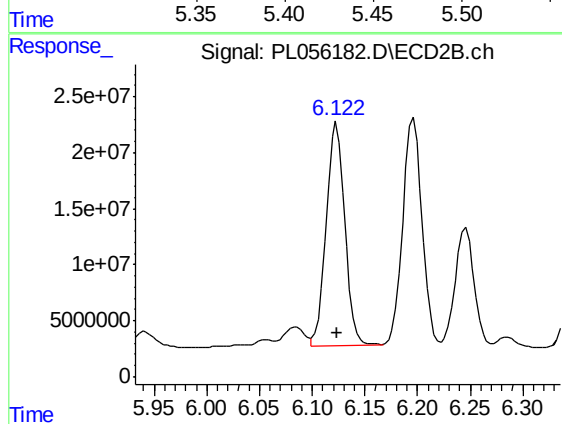
#9 Endosulfan I

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 125458235
Conc: 41.92 ng/ml



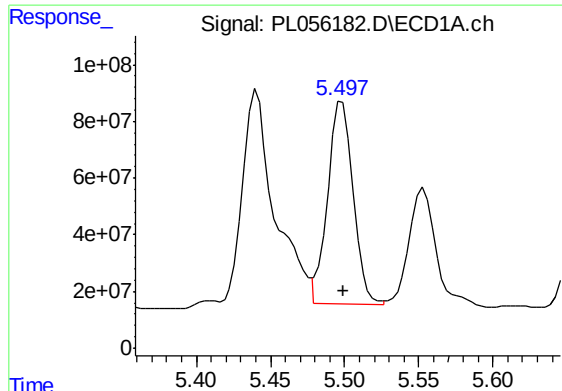
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: -0.001 min
Response: 927178520
Conc: 59.12 ng/ml m



#10 gamma-Chlordane

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 244176066
Conc: 76.78 ng/ml



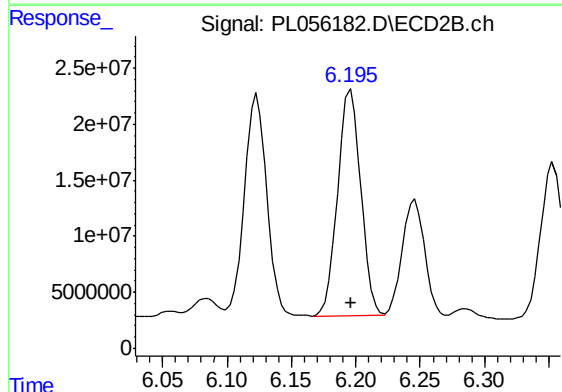
#11 alpha-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 860774958
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

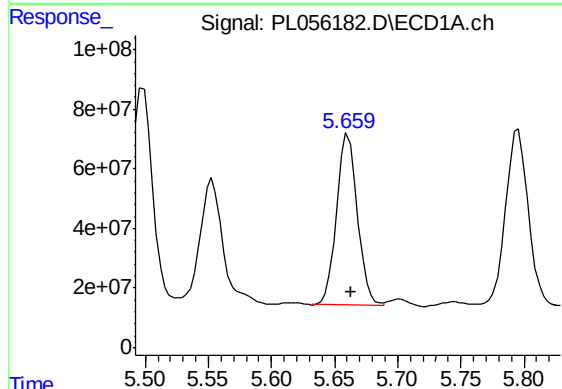
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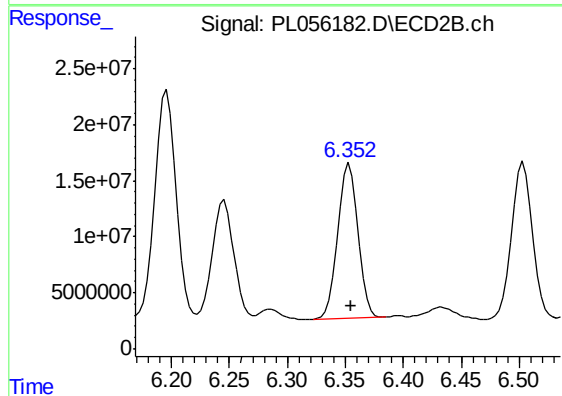
#11 alpha-Chlordane

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 255232704
Conc: 80.52 ng/ml



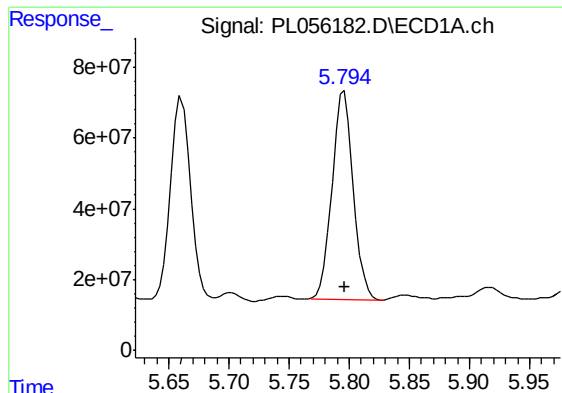
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 663776407
Conc: 45.80 ng/ml



#12 4,4'-DDE

R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 169463065
Conc: 56.57 ng/ml



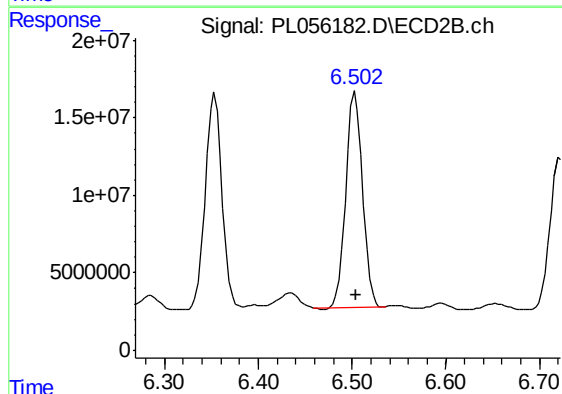
#13 Dielldrin

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 726172940
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

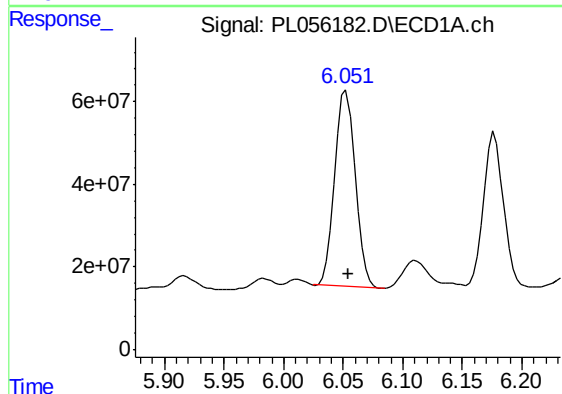
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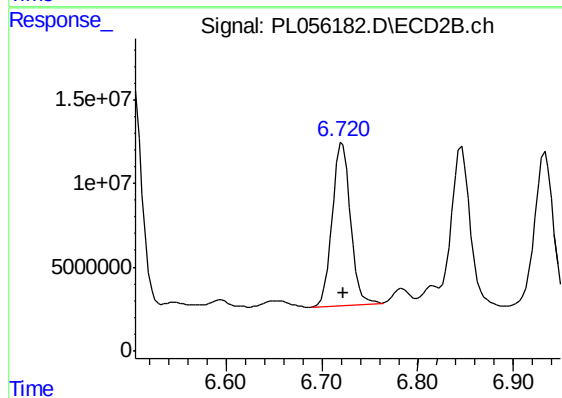
#13 Dielldrin

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 172229482
Conc: 55.49 ng/ml



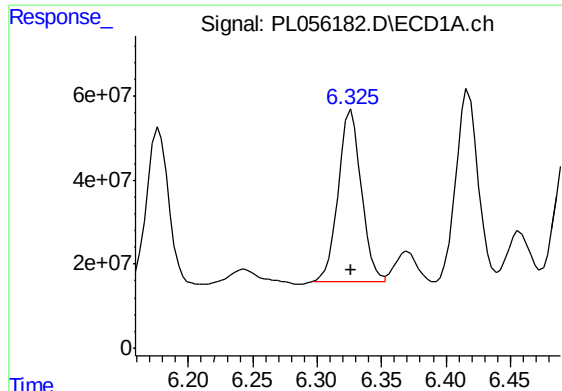
#14 Endrin

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 566279735
Conc: 40.30 ng/ml



#14 Endrin

R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 127932699
Conc: 48.82 ng/ml



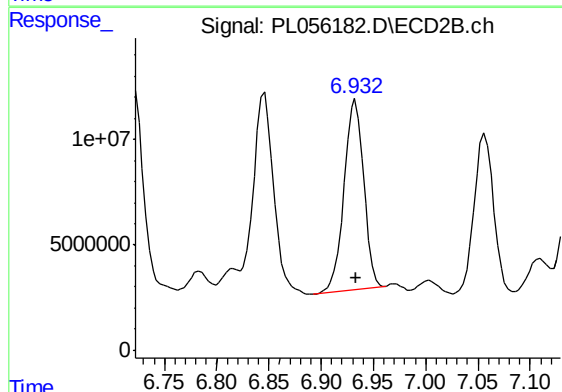
#15 Endosulfan II

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 513294894
Conc: 39.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

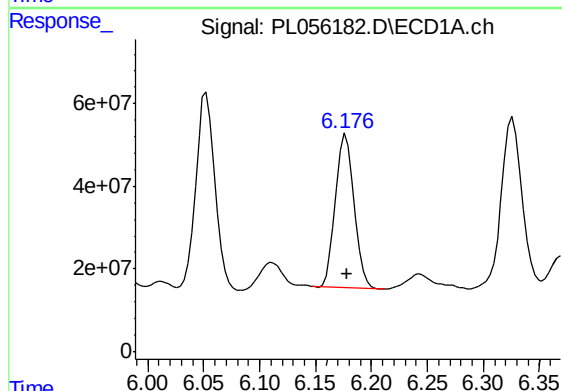
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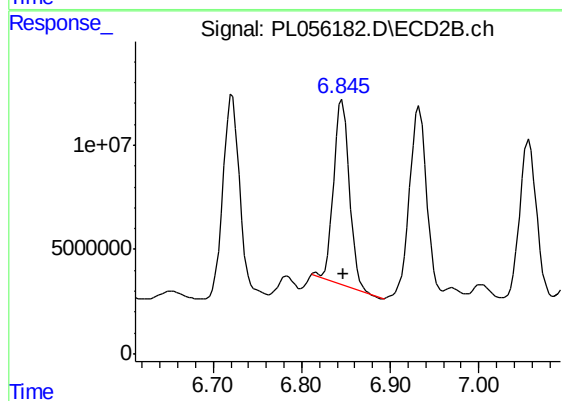
#15 Endosulfan II

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 118024264
Conc: 43.84 ng/ml



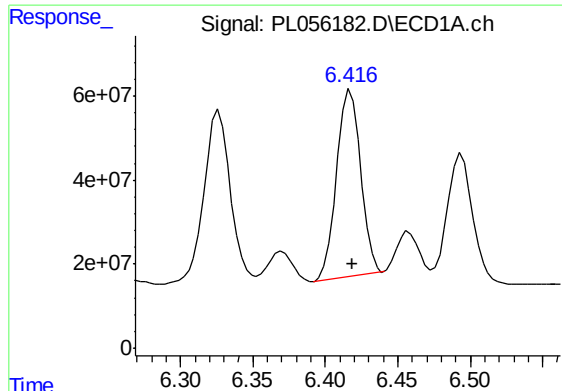
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 421153244
Conc: 39.18 ng/ml



#16 4,4'-DDD

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 110560139
Conc: 46.86 ng/ml



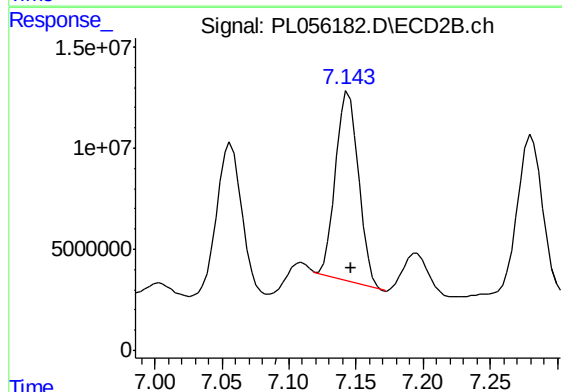
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: -0.001 min
Response: 511340629
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

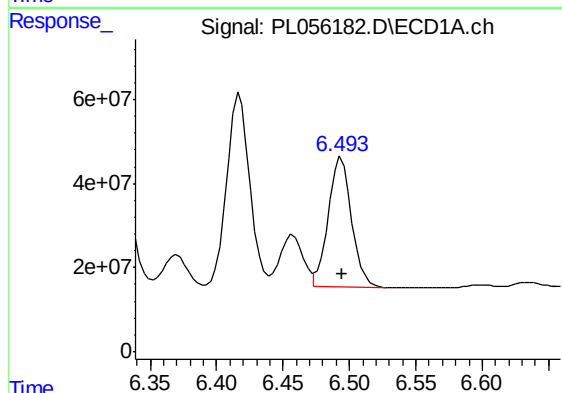
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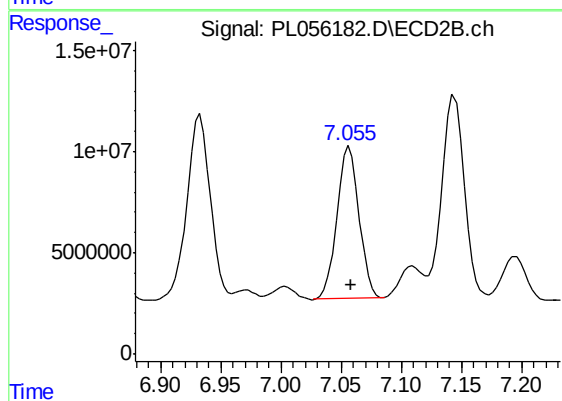
#17 4,4'-DDT

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 111605905
Conc: 48.61 ng/ml m



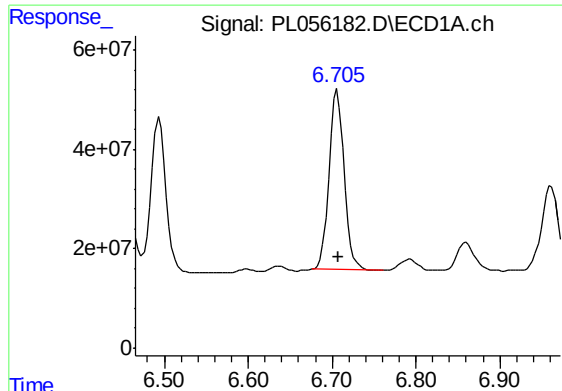
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 381562258
Conc: 34.88 ng/ml m



#18 Endrin aldehyde

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 96833335
Conc: 42.65 ng/ml



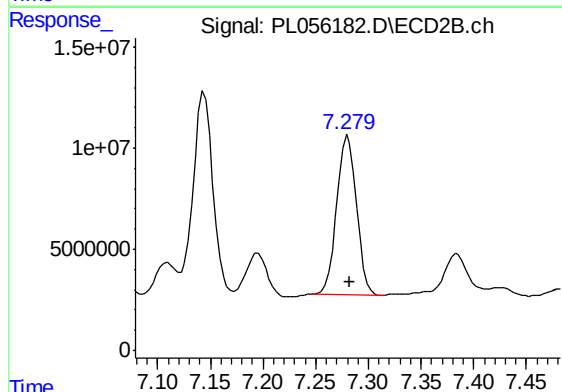
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 458932445
Conc: 37.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

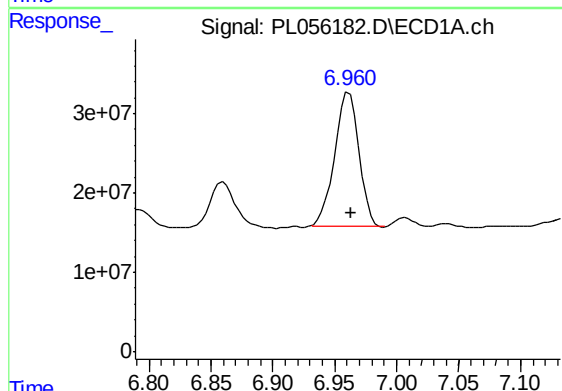
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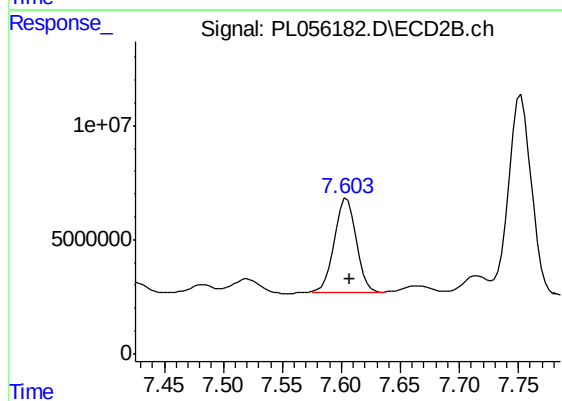
#19 Endosulfan Sulfate

R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 102232013
Conc: 40.40 ng/ml



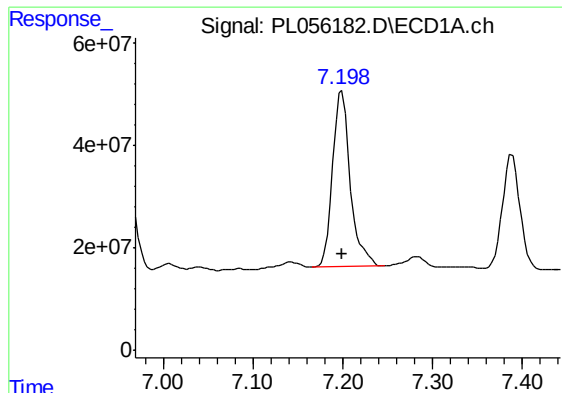
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 231053408
Conc: 43.49 ng/ml



#20 Methoxychlor

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 53772042
Conc: 43.86 ng/ml



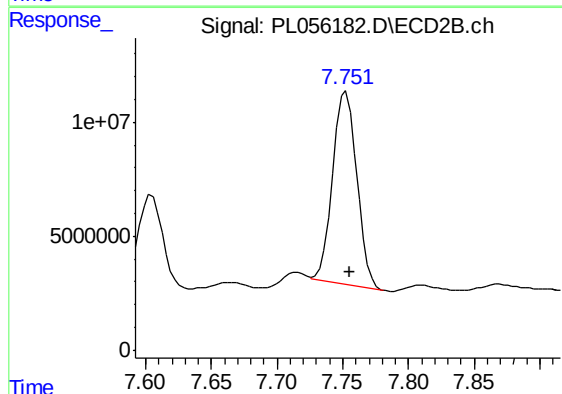
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 473502673
Conc: 36.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

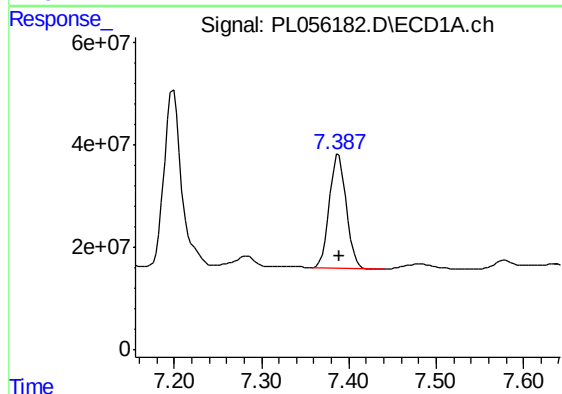
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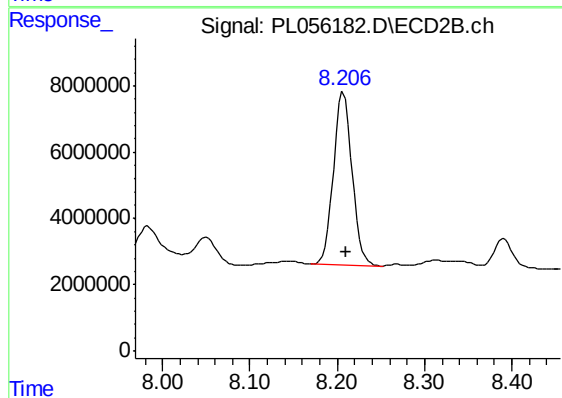
#21 Endrin ketone

R.T.: 7.751 min
Delta R.T.: -0.004 min
Response: 107607991
Conc: 40.35 ng/ml m



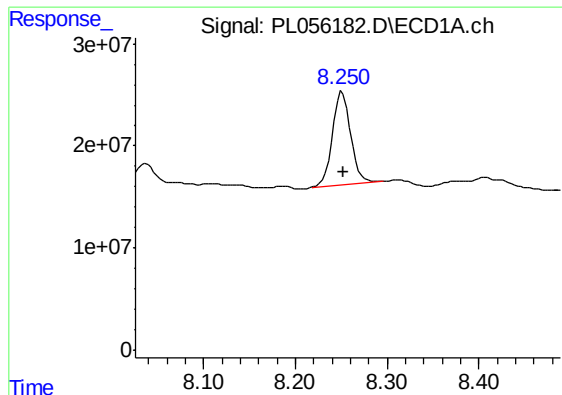
#22 Mirex

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 302547158
Conc: 32.74 ng/ml



#22 Mirex

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 77212768
Conc: 42.48 ng/ml



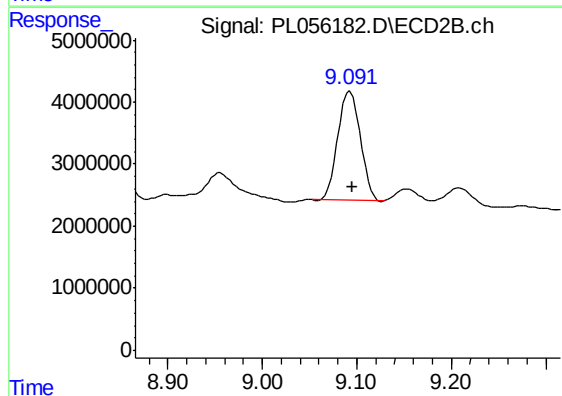
#28 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: -0.001 min
Response: 128045075
Conc: 12.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TONNELE-AVE-01MSD

Manual Integrations
APPROVED

mohammad
1/30/2020 11:32:29 AM



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: -0.003 min
Response: 29338802
Conc: 12.97 ng/ml