

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 11:51
 Operator : SM\AJ
 Sample : K3838-01MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 12:04:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 09:14:47 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...	3.318	3.930	153.2E6	43445313	15.244	15.227
28)	SA Decachlor...	7.980	8.961	119.8E6	33963991	11.836	12.010
Target Compounds							
2)	A alpha-BHC	3.745	4.318	671.1E6	227.9E6	40.045	55.233 #
3)	MA gamma-BHC...	4.021	4.601	656.7E6	179.9E6	42.697	46.454
4)	MA Heptachlor	4.305	5.103	673.2E6	160.6E6	41.032	38.727
5)	MB Aldrin	4.543	5.405	573.9E6	138.0E6	37.044	36.629
6)	B beta-BHC	4.275	4.778	261.6E6	70924955	39.906	41.024
7)	B delta-BHC	4.469	4.991	565.3E6	126.9E6	34.451	32.810
8)	B Heptachlor...	4.979	5.793	516.1E6	133.6E6	34.934	34.926
9)	A Endosulfan I	5.309	6.148	460.8E6	114.9E6	31.685	33.415
10)	B gamma-Chl...	5.202	6.026	517.9E6	122.8E6	32.815	33.220
11)	B alpha-Chl...	5.257	6.098	487.8E6	144.2E6	31.972	39.341
12)	B 4,4'-DDE	5.425	6.258	463.3E6	124.7E6	30.915	34.603
13)	MA Dieldrin	5.548	6.403	456.3E6	100.0E6	29.443	28.240m
14)	MA Endrin	5.801	6.621	434.3E6	97639282	29.503	31.482
15)	B Endosulfa...	6.077	6.833	454.9E6	103.7E6	32.501	32.630
16)	A 4,4'-DDD	5.936	6.748	347.7E6	81947286	29.016	30.774
17)	MA 4,4'-DDT	6.169	7.046	385.0E6	76773250	31.080	28.439
18)	B Endrin al...	6.243	6.958	329.9E6	75118742	28.598	27.641
19)	B Endosulfa...	6.454	7.180	341.1E6	82857276	26.772	28.688
20)	A Methoxychlor	6.714	7.506	156.5E6	47924273	25.091	32.662 #
21)	B Endrin ke...	6.936	7.647	352.5E6	94384934	25.772	32.645m#
22)	Mirex	7.109	8.097	232.5E6	71704539	23.712	31.217 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2019 11:51
Operator : SM\AJ
Sample : K3838-01MSD
Misc :
ALS Vial : 61 Sample Multiplier: 1

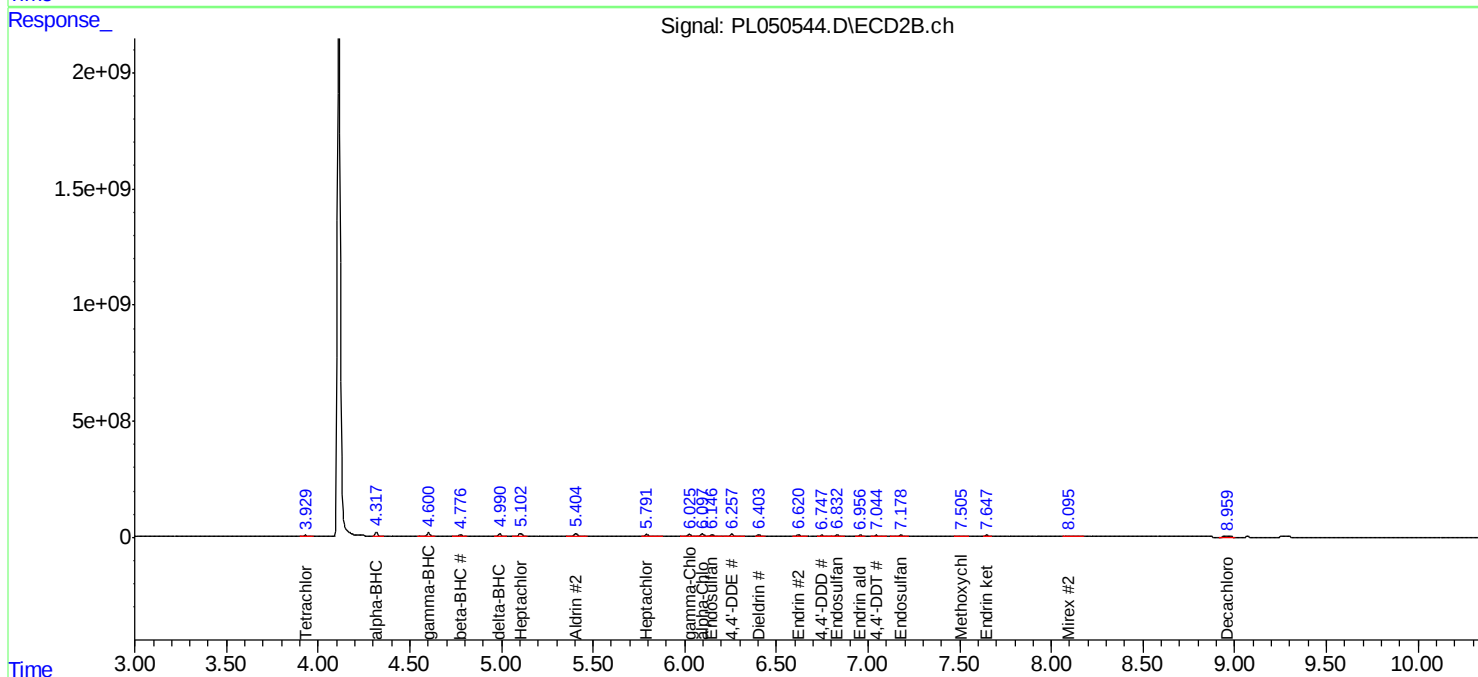
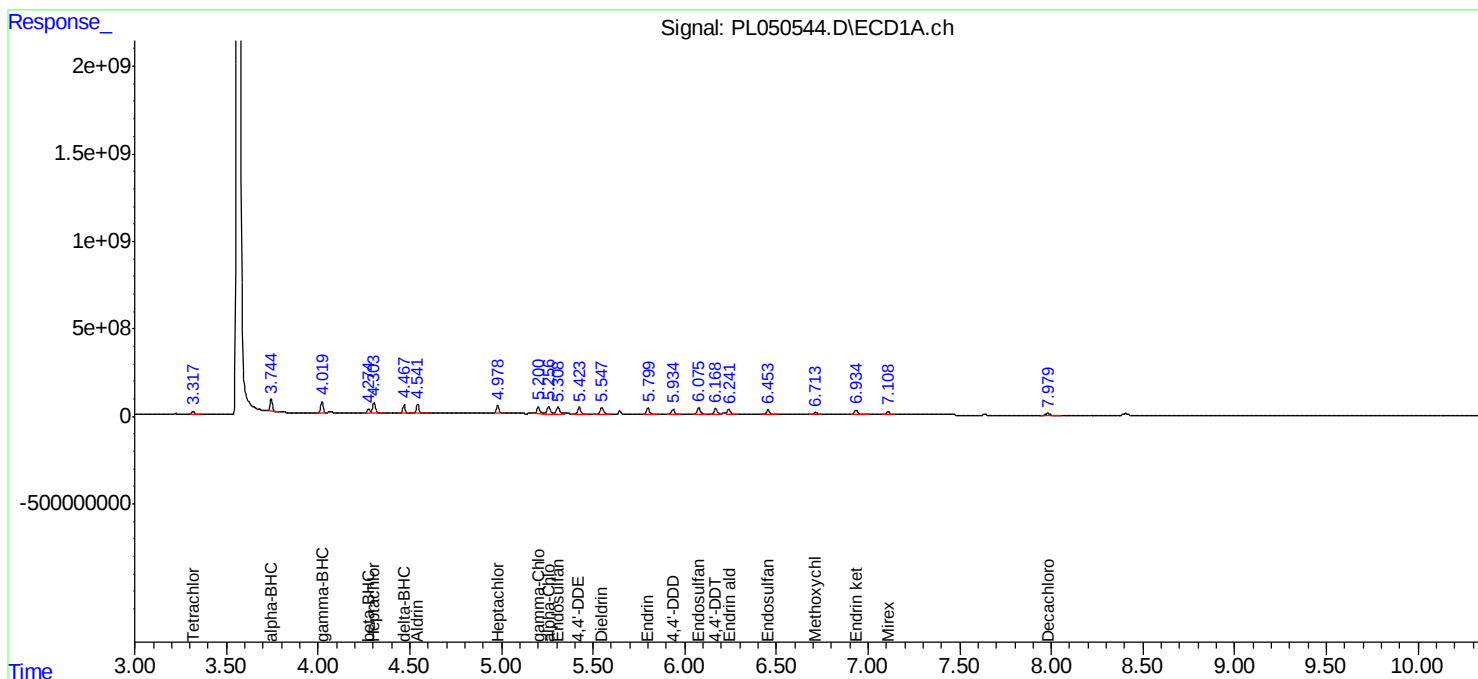
Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

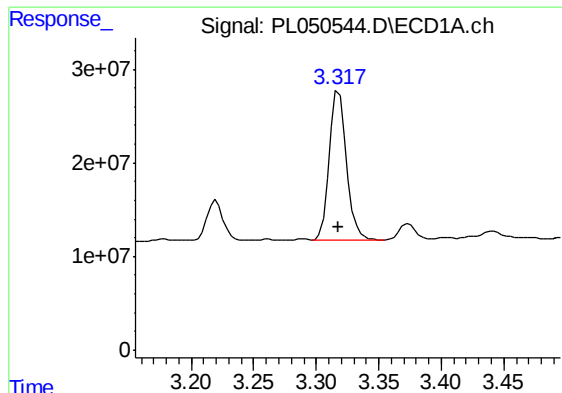
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 12:04:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 09:14:47 2019
Response 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





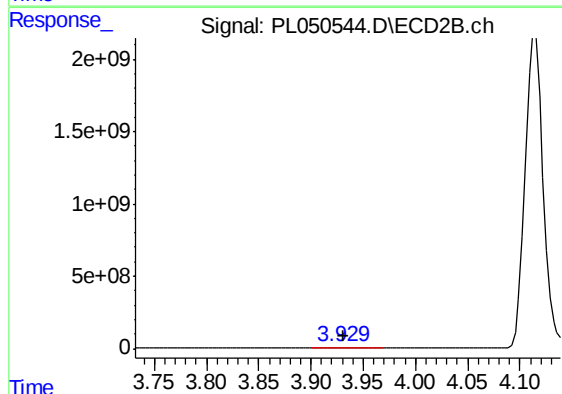
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 153167441
Conc: 15.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

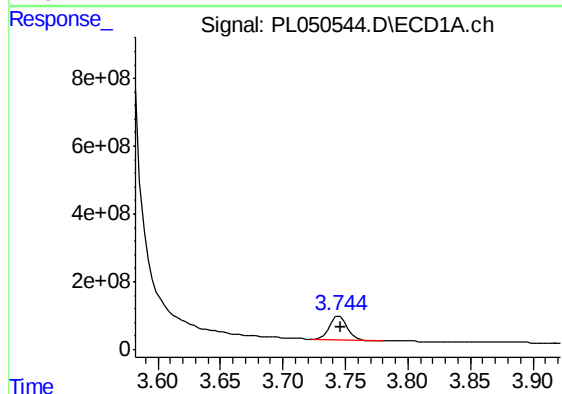
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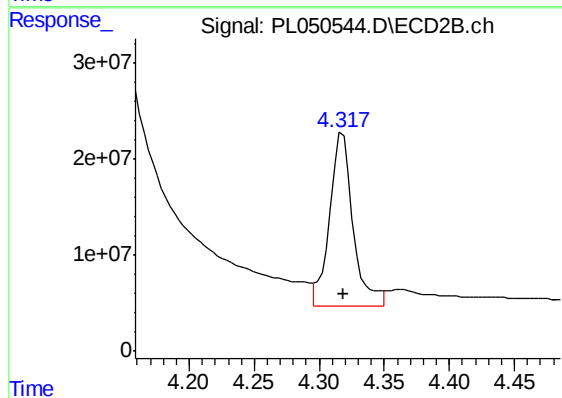
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 43445313
Conc: 15.23 ng/ml



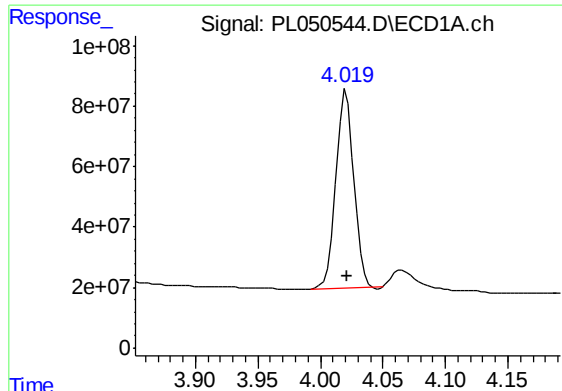
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 671065029
Conc: 40.05 ng/ml



#2 alpha-BHC

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 227891122
Conc: 55.23 ng/ml



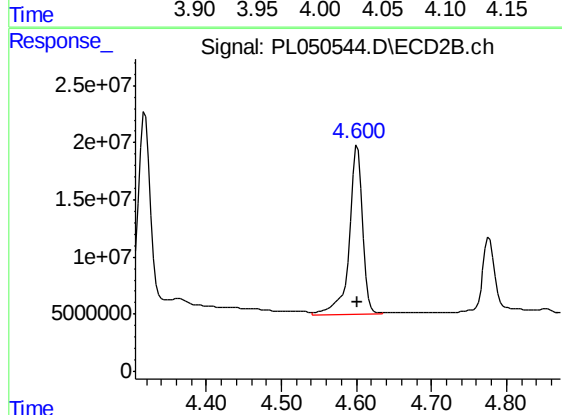
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 656744666
Conc: 42.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

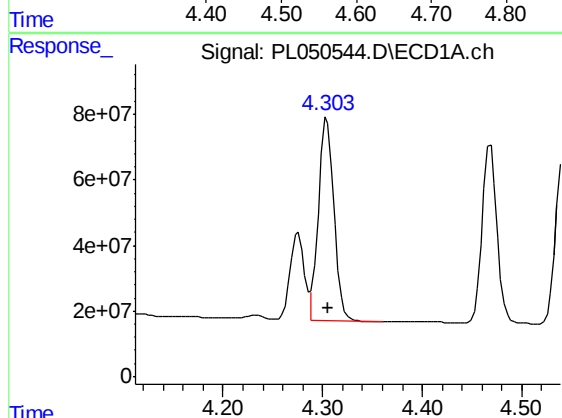
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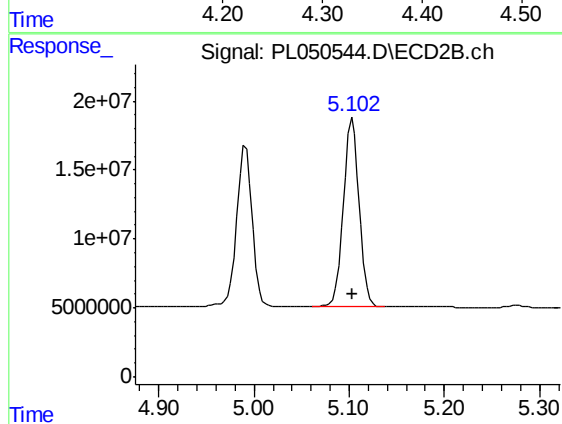
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 179924252
Conc: 46.45 ng/ml



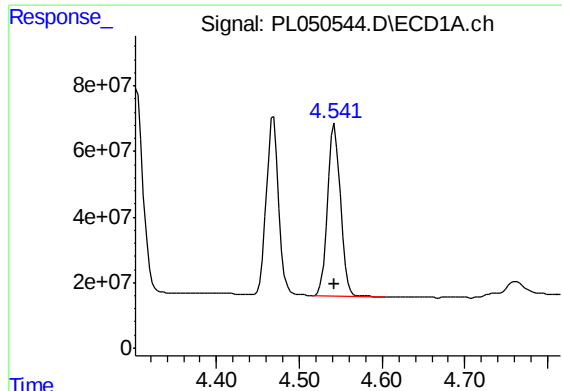
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 673245723
Conc: 41.03 ng/ml



#4 Heptachlor

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 160588035
Conc: 38.73 ng/ml



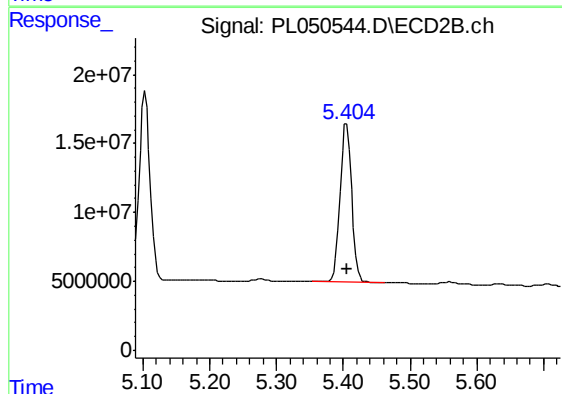
#5 Aldrin

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 573866557
Conc: 37.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

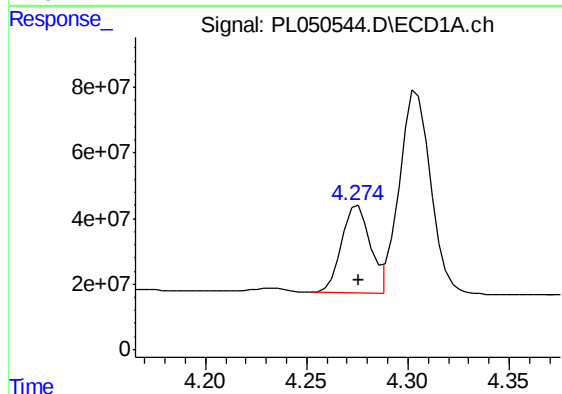
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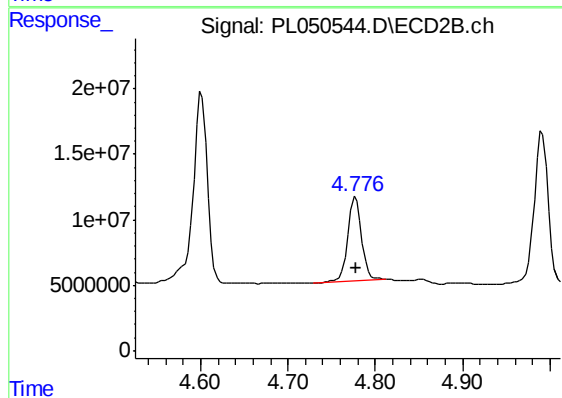
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 138032449
Conc: 36.63 ng/ml



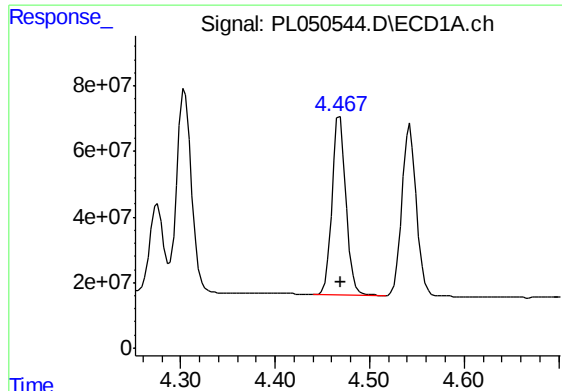
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 261620121
Conc: 39.91 ng/ml



#6 beta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 70924955
Conc: 41.02 ng/ml



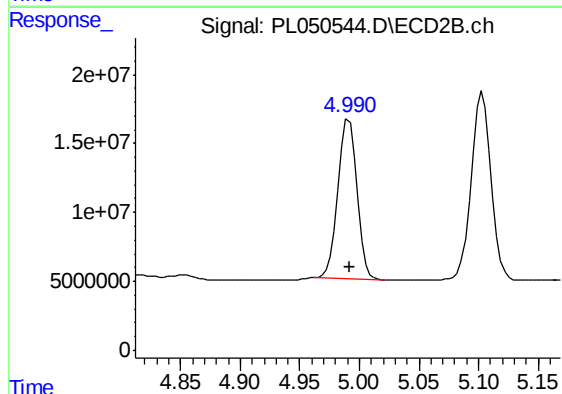
#7 delta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 565289692
Conc: 34.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

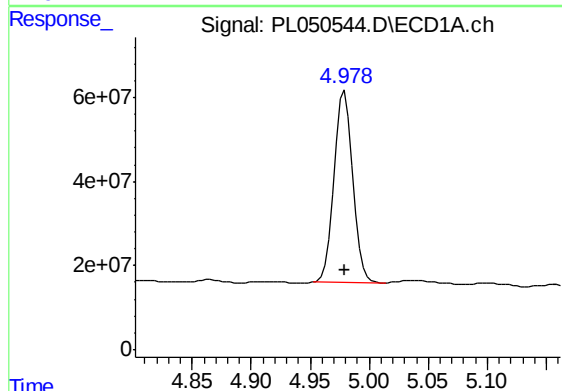
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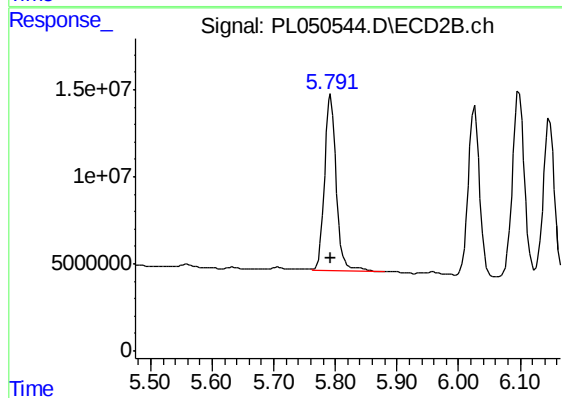
#7 delta-BHC

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 126895868
Conc: 32.81 ng/ml



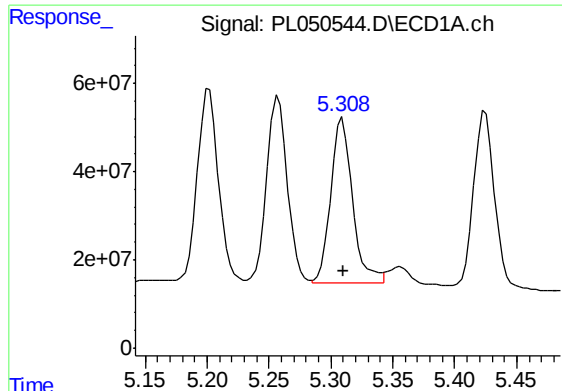
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 516099290
Conc: 34.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 133585155
Conc: 34.93 ng/ml



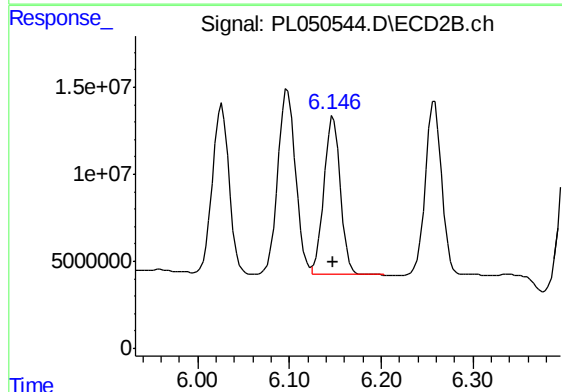
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 460825898
Conc: 31.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

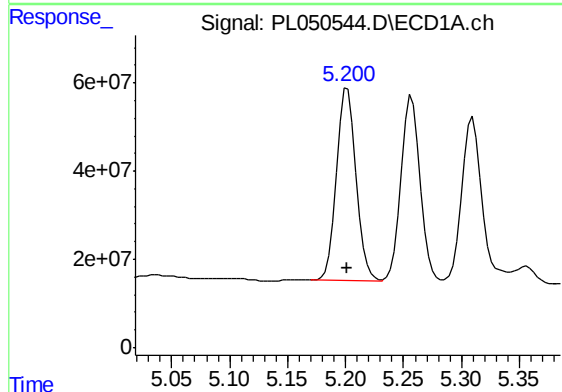
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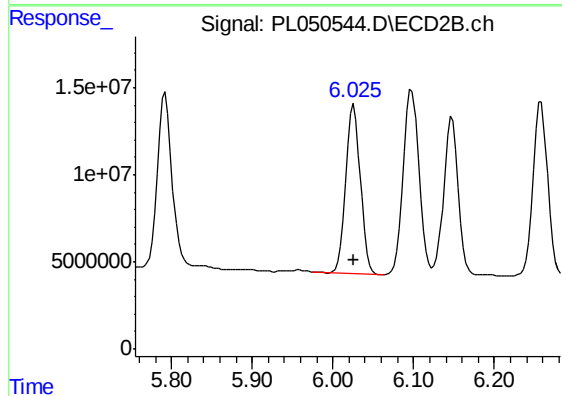
#9 Endosulfan I

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 114909994
Conc: 33.41 ng/ml



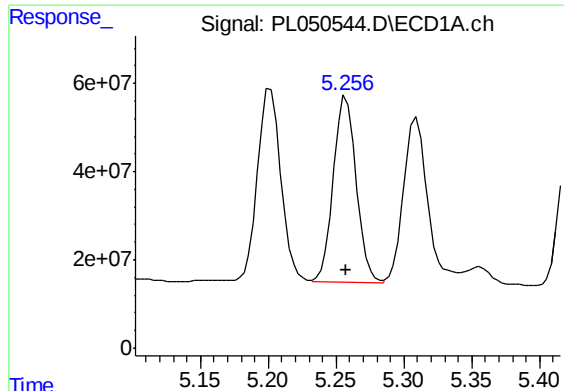
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 517920034
Conc: 32.81 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 122757317
Conc: 33.22 ng/ml



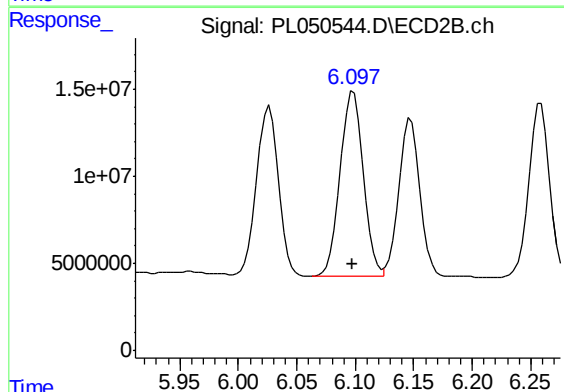
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 487763682
Conc: 31.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

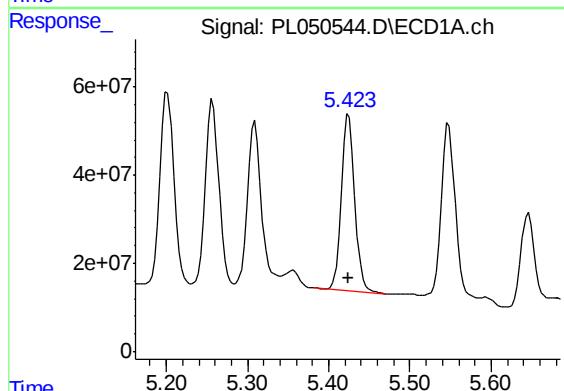
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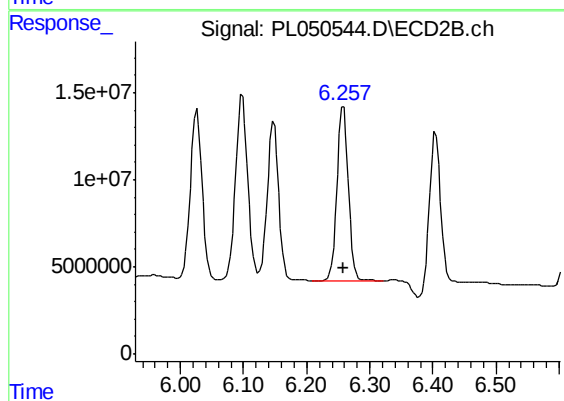
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 144190999
Conc: 39.34 ng/ml



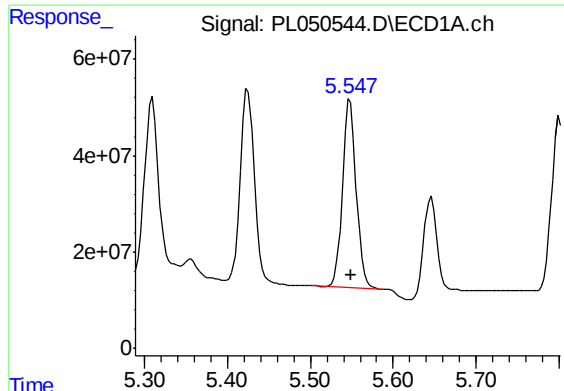
#12 4,4'-DDE

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 463291146
Conc: 30.92 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 124686633
Conc: 34.60 ng/ml



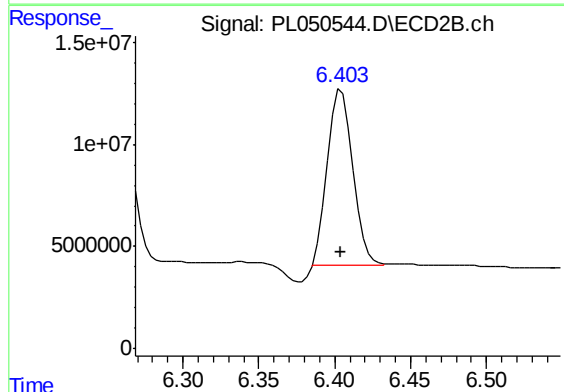
#13 Dielldrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 456263349
Conc: 29.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

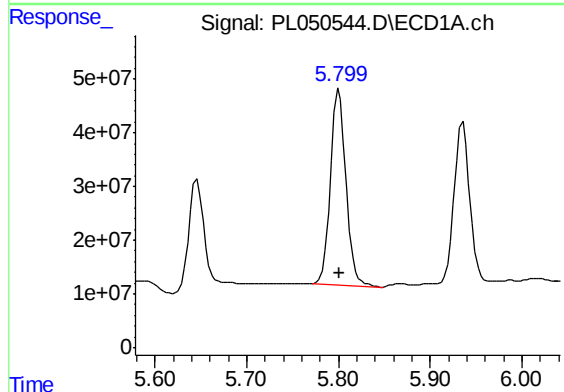
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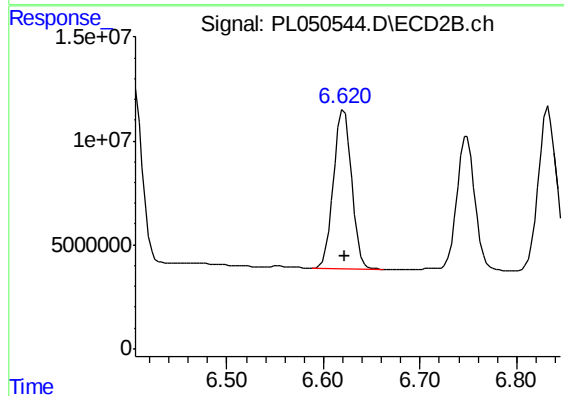
#13 Dielldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 100001396
Conc: 28.24 ng/ml m



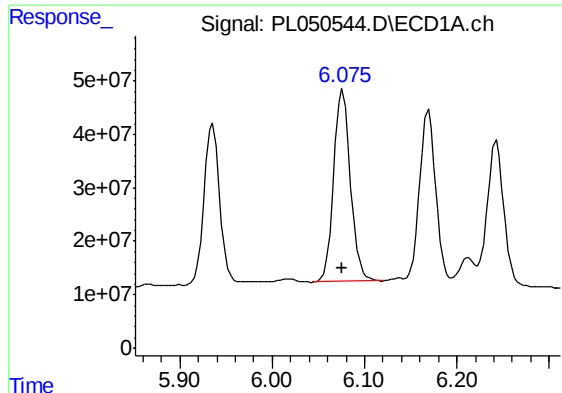
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 434293721
Conc: 29.50 ng/ml



#14 Endrin

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 97639282
Conc: 31.48 ng/ml



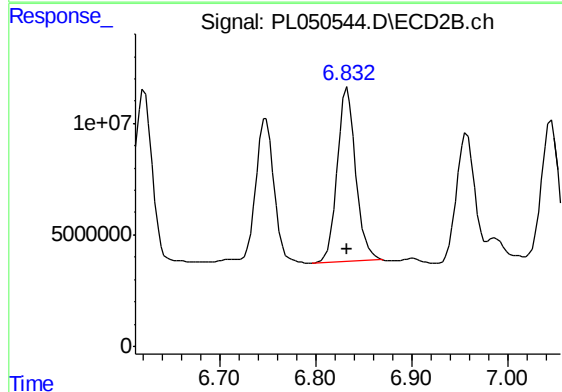
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 454853265
Conc: 32.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

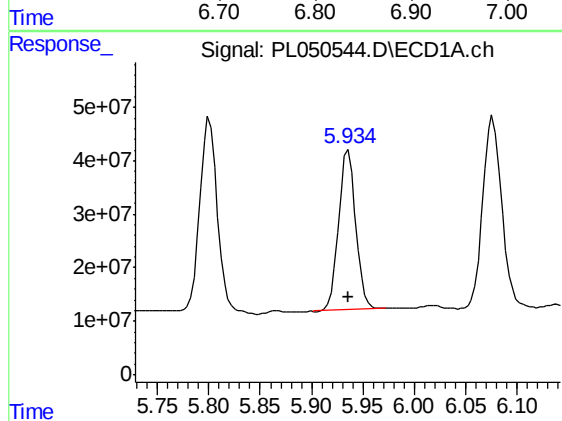
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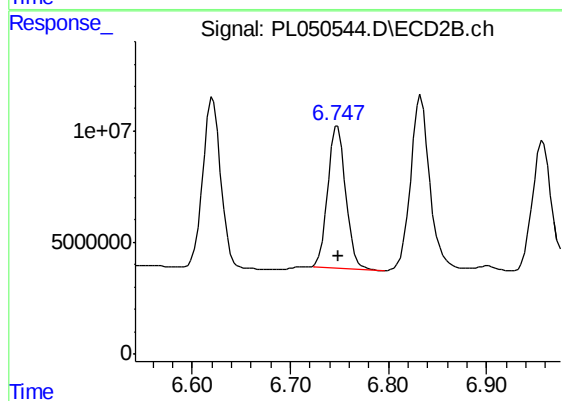
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 103738146
Conc: 32.63 ng/ml



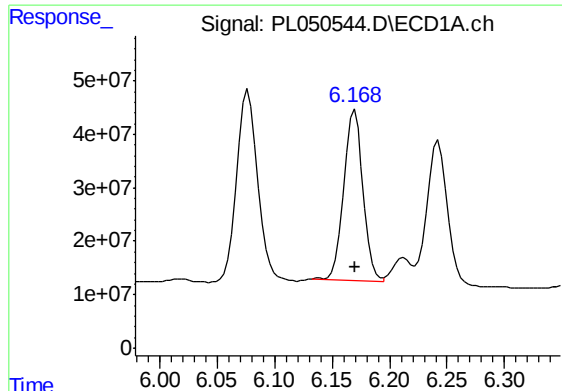
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 347725702
Conc: 29.02 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 81947286
Conc: 30.77 ng/ml



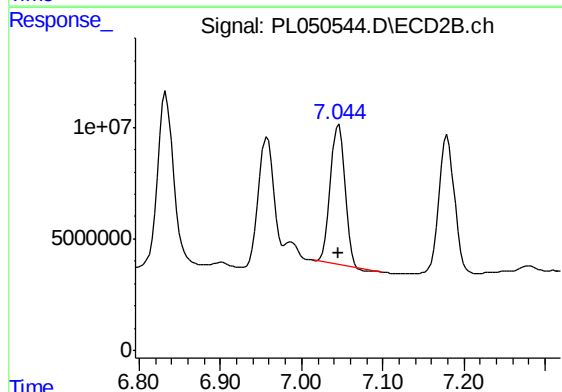
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 384953976
Conc: 31.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

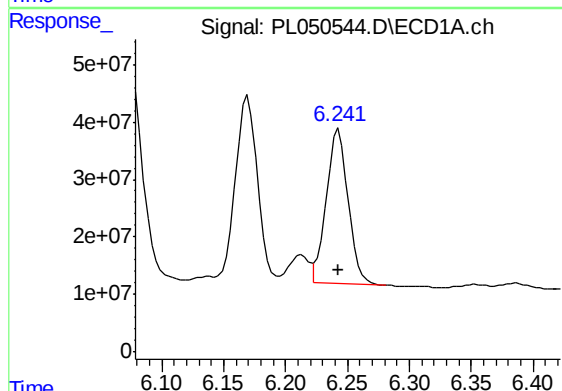
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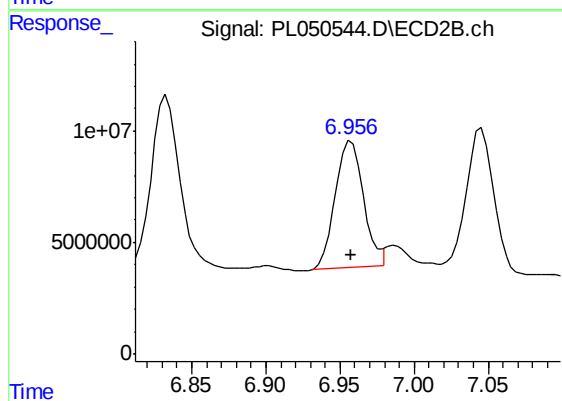
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 76773250
Conc: 28.44 ng/ml



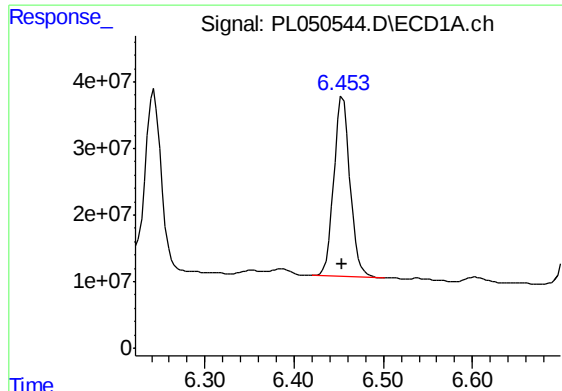
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 329916795
Conc: 28.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 75118742
Conc: 27.64 ng/ml



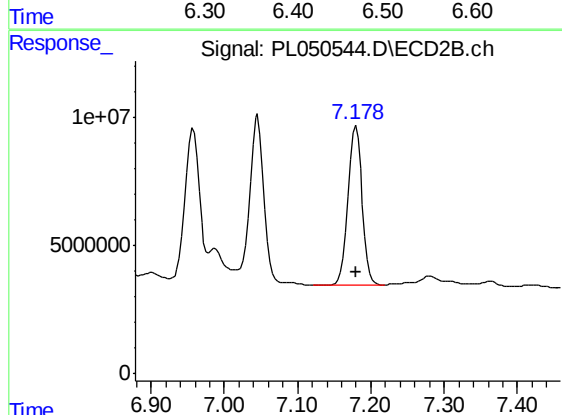
#19 Endosulfan Sulfate

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 341062346
Conc: 26.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

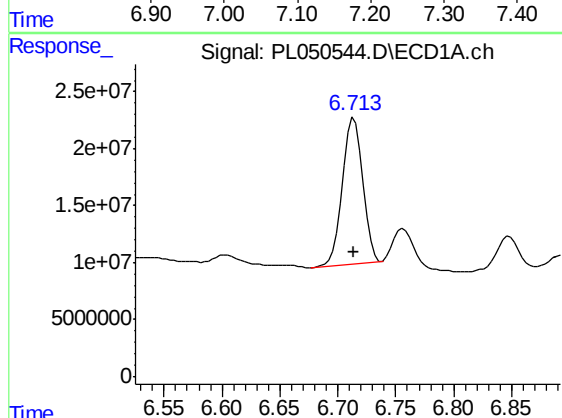
Manual Integrations
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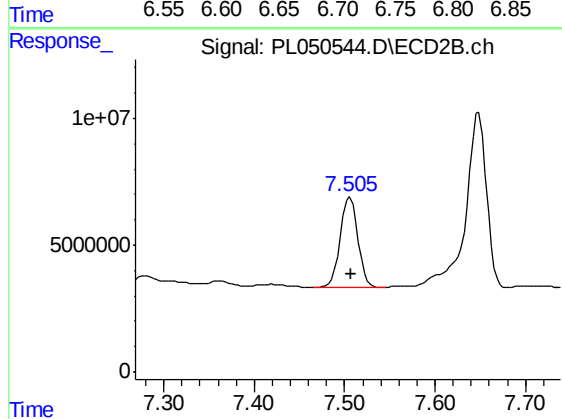
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 82857276
Conc: 28.69 ng/ml



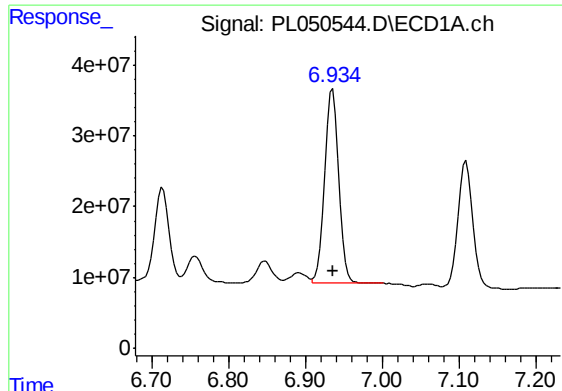
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 156543364
Conc: 25.09 ng/ml



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 47924273
Conc: 32.66 ng/ml



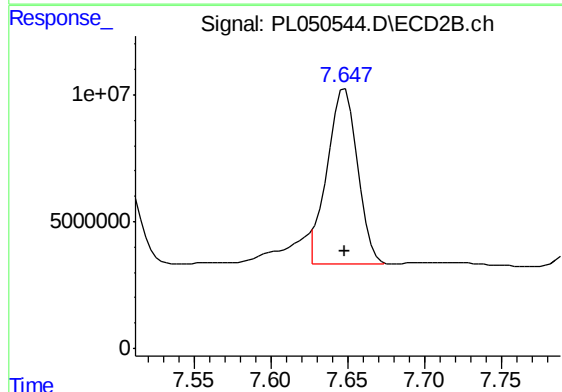
#21 Endrin ketone

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 352492323
Conc: 25.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

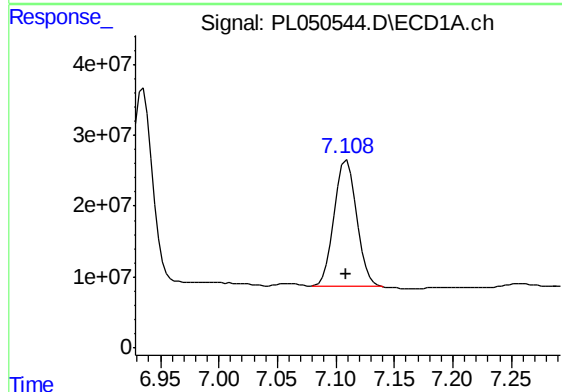
Manual Integrations
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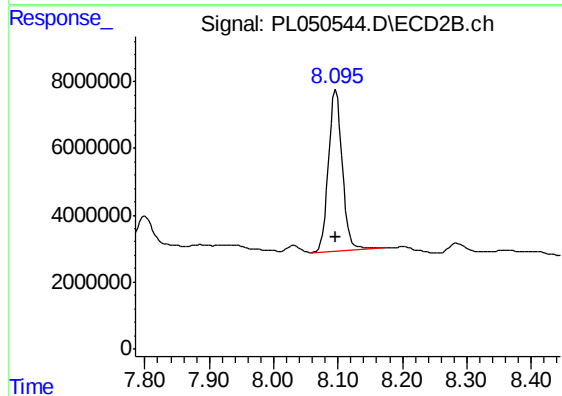
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 94384934
Conc: 32.64 ng/ml m



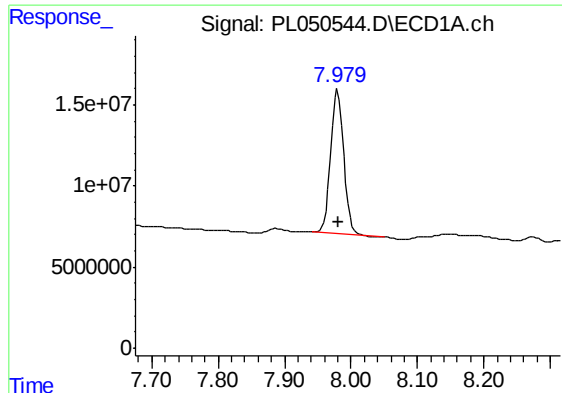
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 232480590
Conc: 23.71 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 71704539
Conc: 31.22 ng/ml



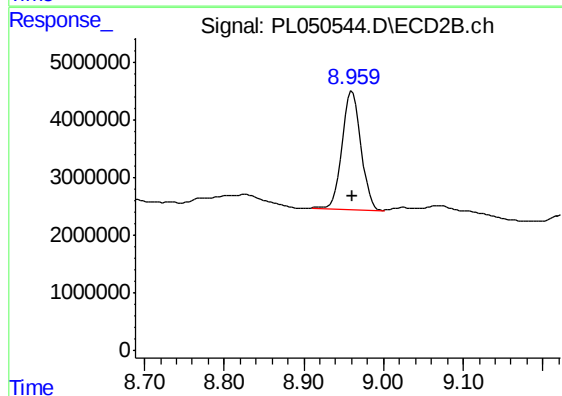
#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 119843803
Conc: 11.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 33963991
Conc: 12.01 ng/ml