

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050543.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 11:37
 Operator : SM\AJ
 Sample : K3838-01MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 12:03:48 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	152.4E6	42921088	15.167	15.043
28)	SA Decachlor...	7.981	8.962	119.8E6	39999182	11.834	14.144
Target Compounds							
2)	A alpha-BHC	3.746	4.319	663.0E6	225.6E6	39.562	54.688 #
3)	MA gamma-BHC...	4.021	4.602	639.7E6	178.1E6	41.590	45.972
4)	MA Heptachlor	4.305	5.104	617.9E6	154.4E6	37.660	37.229
5)	MB Aldrin	4.543	5.406	562.5E6	135.0E6	36.308	35.817
6)	B beta-BHC	4.276	4.778	240.1E6	70665715	36.629	40.874
7)	B delta-BHC	4.469	4.992	533.1E6	123.9E6	32.486	32.047
8)	B Heptachlo...	4.979	5.793	467.2E6	127.2E6	31.625	33.264
9)	A Endosulfan I	5.310	6.147	406.5E6	110.4E6	27.948	32.090
10)	B gamma-Chl...	5.202	6.027	444.7E6	122.6E6	28.178	33.172
11)	B alpha-Chl...	5.257	6.098	418.7E6	142.0E6	27.445	38.755 #
12)	B 4,4'-DDE	5.425	6.258	431.7E6	110.5E6	28.807	30.661
13)	MA Dieldrin	5.548	6.405	457.9E6	128.5E6	29.551	36.290
14)	MA Endrin	5.801	6.621	474.2E6	99582102	32.211	32.108
15)	B Endosulfa...	6.077	6.833	407.2E6	103.6E6	29.097	32.596
16)	A 4,4'-DDD	5.936	6.749	345.4E6	83169363	28.820	31.233
17)	MA 4,4'-DDT	6.170	7.046	342.8E6	79078322	27.676	29.293
18)	B Endrin al...	6.243	6.957	288.3E6	74324473	24.992	27.349
19)	B Endosulfa...	6.455	7.180	331.9E6	83221600	26.053	28.814
20)	A Methoxychlor	6.715	7.506	151.4E6	54667666	24.260	37.258 #
21)	B Endrin ke...	6.936	7.648	356.3E6	105.0E6	26.051	36.312 #
22)	Mirex	7.110	8.097	230.3E6	75061256	23.489	32.678 #
24)	Chlordane-2	0.000	5.406f	0	135.0E6	N.D.	1149.165 #
25)	Chlordane-3	5.202	6.027	444.7E6	122.6E6	317.721	254.851
26)	Chlordane-4	5.257	6.098	418.7E6	142.0E6	317.444	244.513
27)	Chlordane-5	6.077	0.000	407.2E6	0	801.692	N.D. #

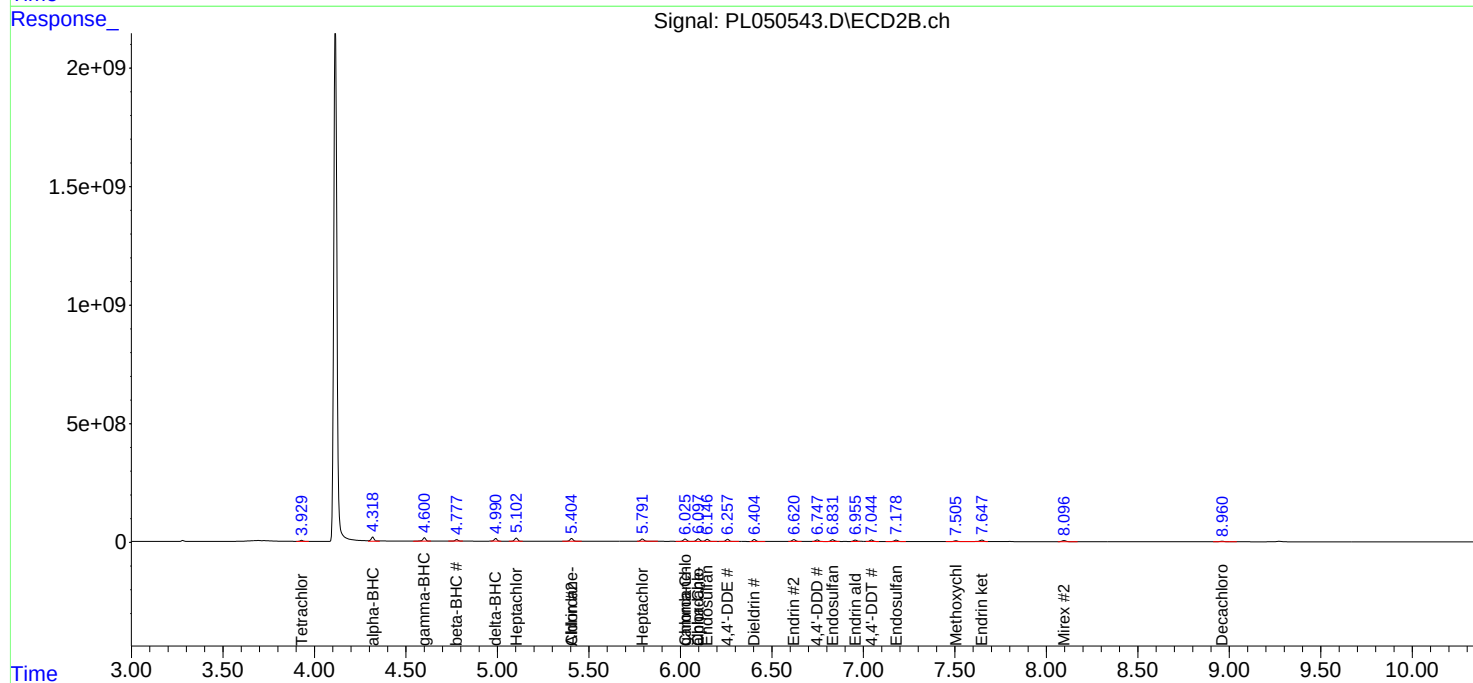
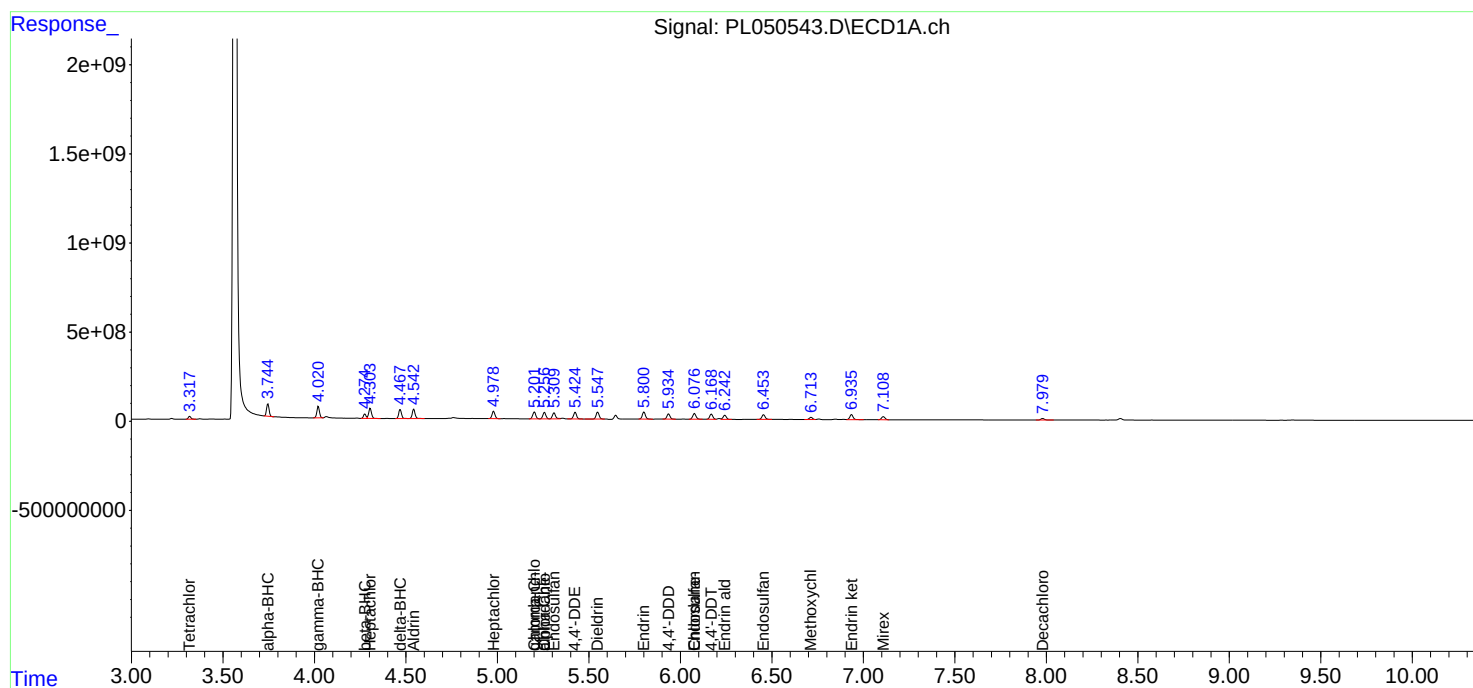
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

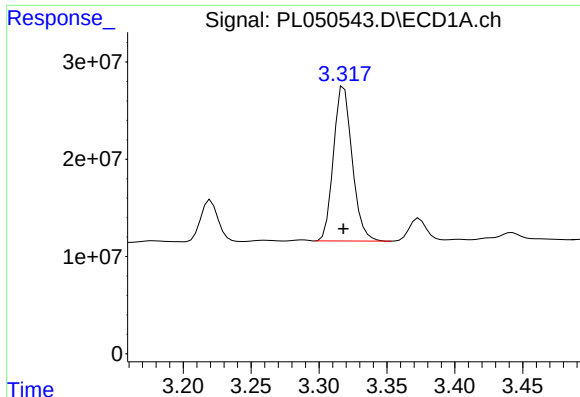
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2019 11:37
Operator : SM\AJ
Sample : K3838-01MS
Misc :
ALS Vial : 60 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 12:03:48 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

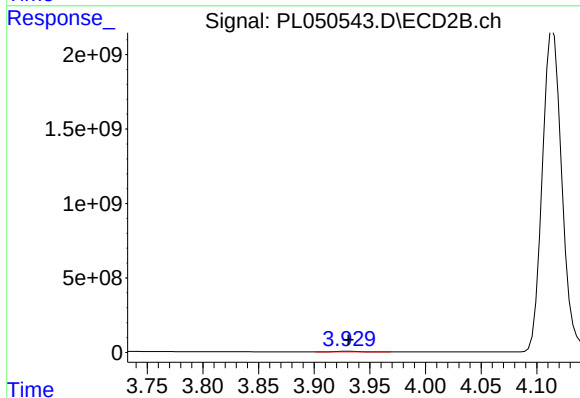




#1 Tetrachloro-m-xylene

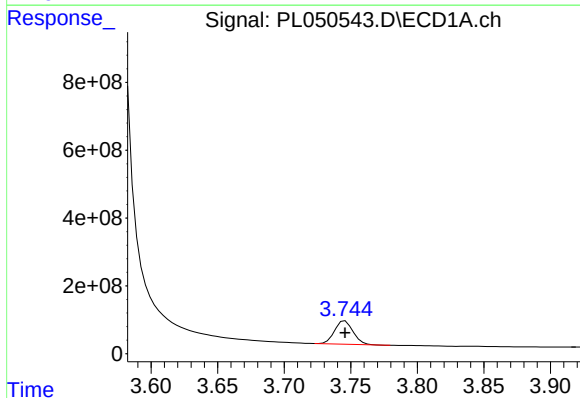
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 152391440
Conc: 15.17 ng/ml

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



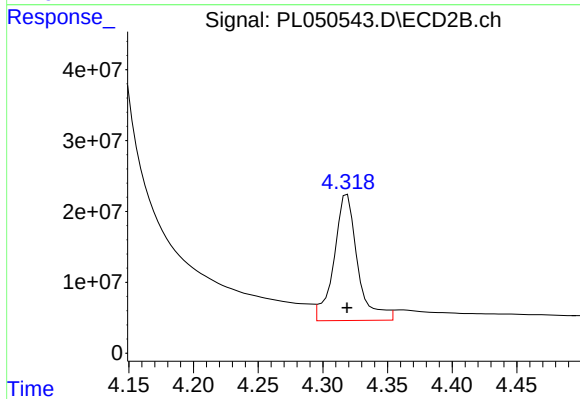
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 42921088
Conc: 15.04 ng/ml



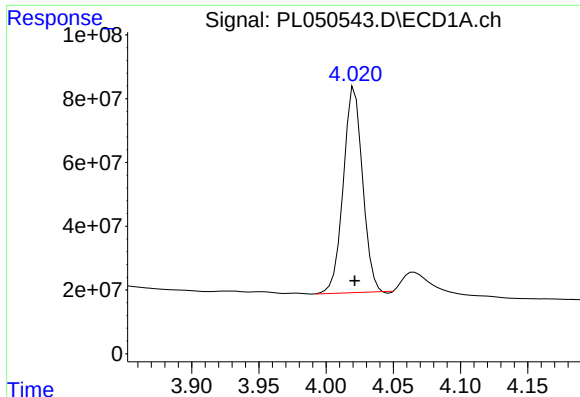
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 662970134
Conc: 39.56 ng/ml



#2 alpha-BHC

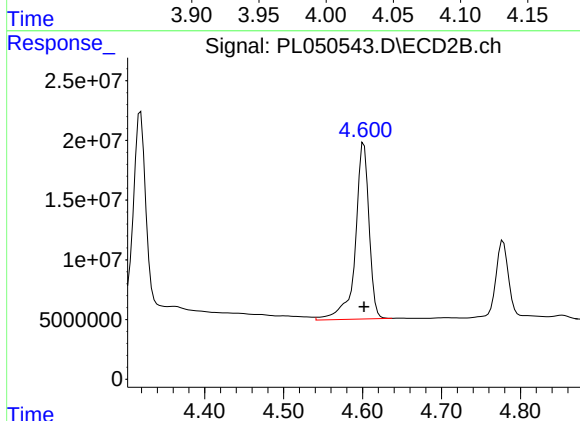
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 225643241
Conc: 54.69 ng/ml



#3 gamma-BHC (Lindane)

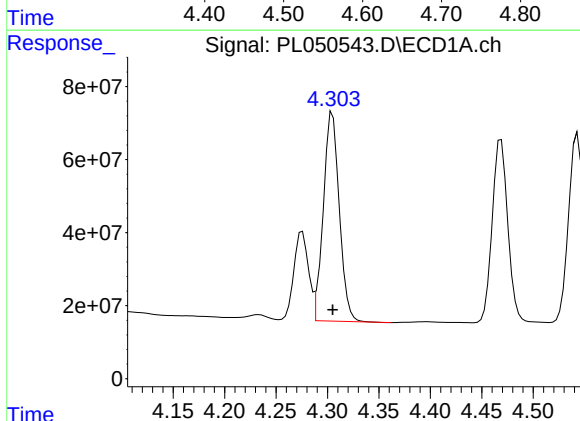
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 639730839
Conc: 41.59 ng/ml

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



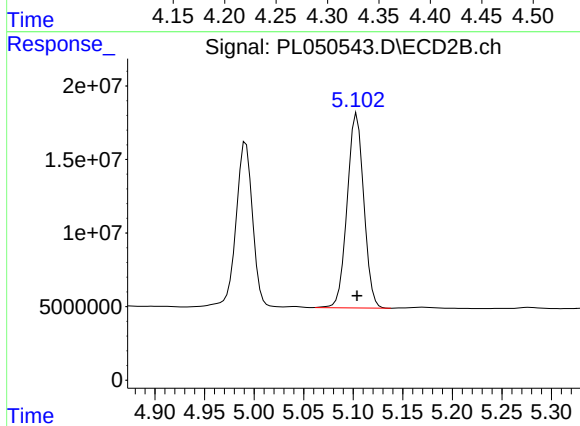
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 178057667
Conc: 45.97 ng/ml



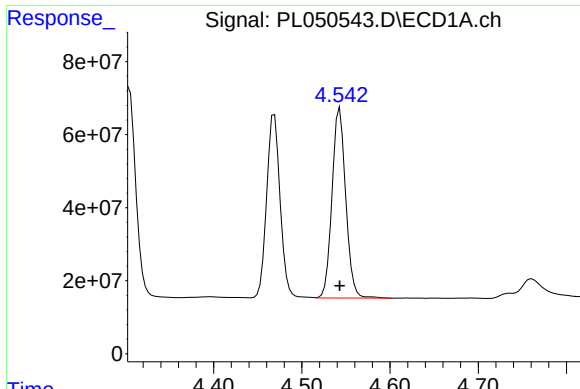
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 617915843
Conc: 37.66 ng/ml



#4 Heptachlor

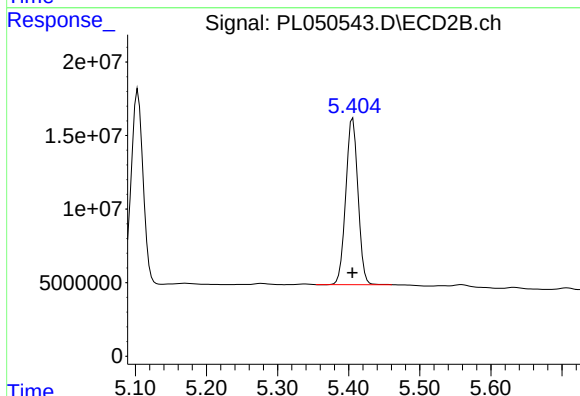
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 154376419
Conc: 37.23 ng/ml



#5 Aldrin

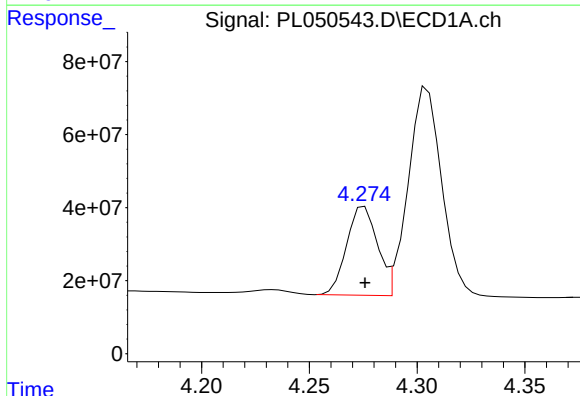
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 562463035
Conc: 36.31 ng/ml

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



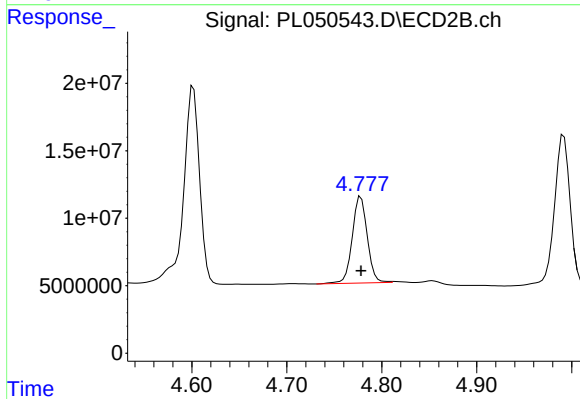
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 134972239
Conc: 35.82 ng/ml



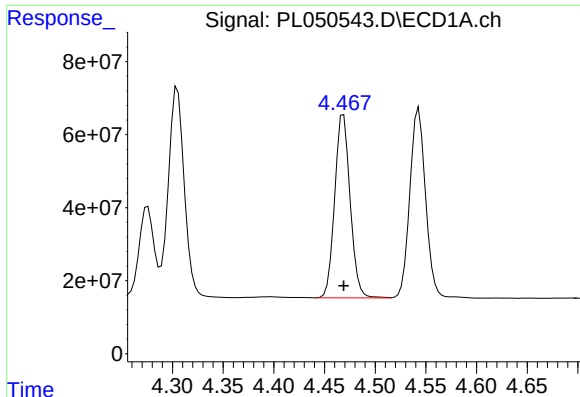
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 240131158
Conc: 36.63 ng/ml



#6 beta-BHC

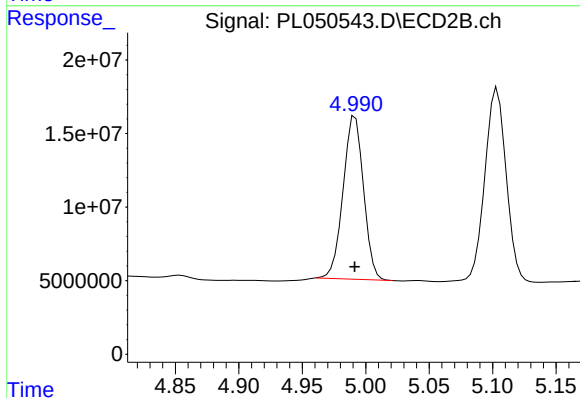
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 70665715
Conc: 40.87 ng/ml



#7 delta-BHC

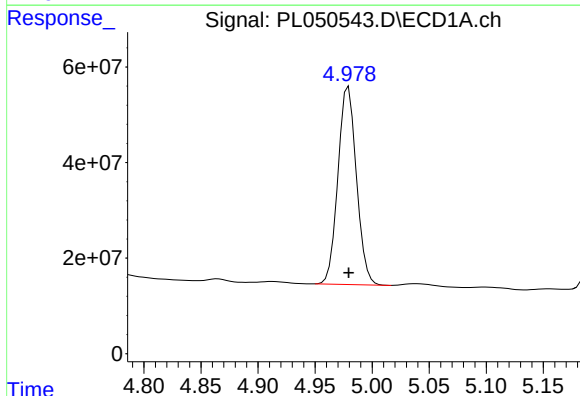
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 533061230
Conc: 32.49 ng/ml

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



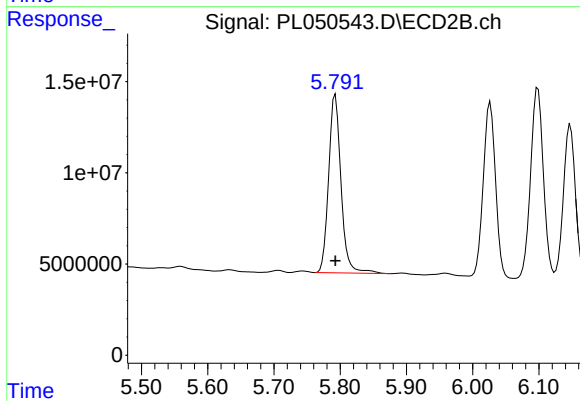
#7 delta-BHC

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 123943919
Conc: 32.05 ng/ml



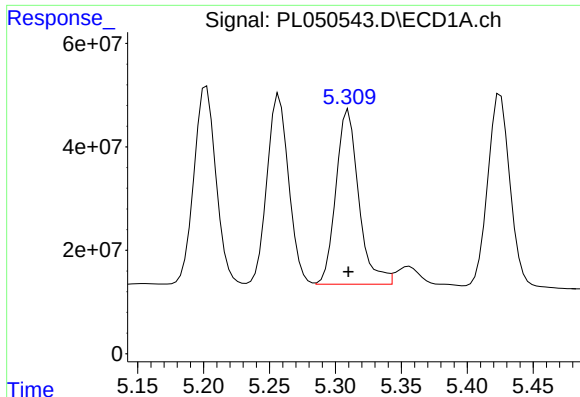
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 467221589
Conc: 31.63 ng/ml



#8 Heptachlor epoxide

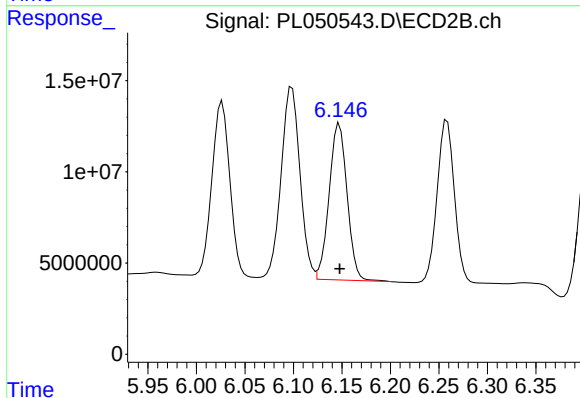
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 127228778
Conc: 33.26 ng/ml



#9 Endosulfan I

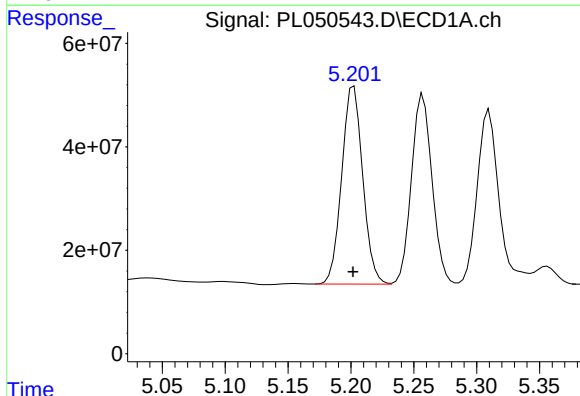
R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 406468591
Conc: 27.95 ng/ml

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



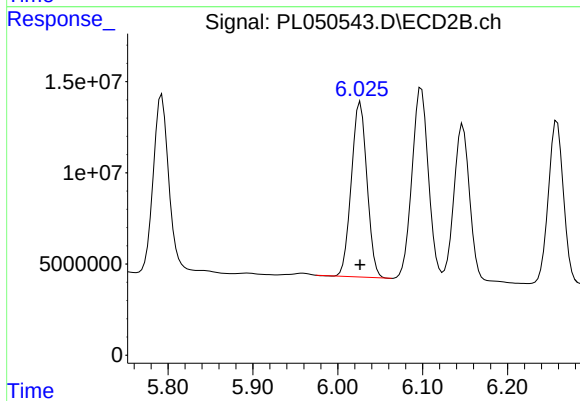
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 110352535
Conc: 32.09 ng/ml



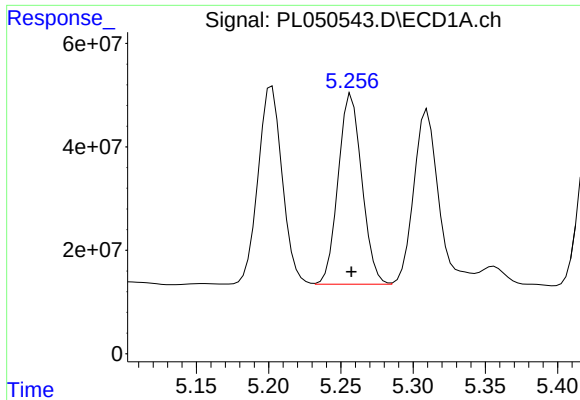
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 444742348
Conc: 28.18 ng/ml



#10 gamma-Chlordane

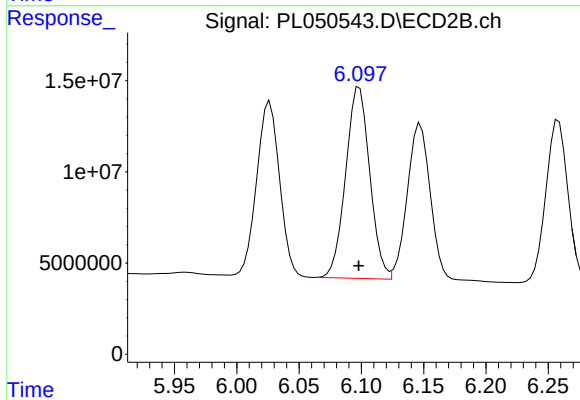
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 122578495
Conc: 33.17 ng/ml



#11 alpha-Chlordane

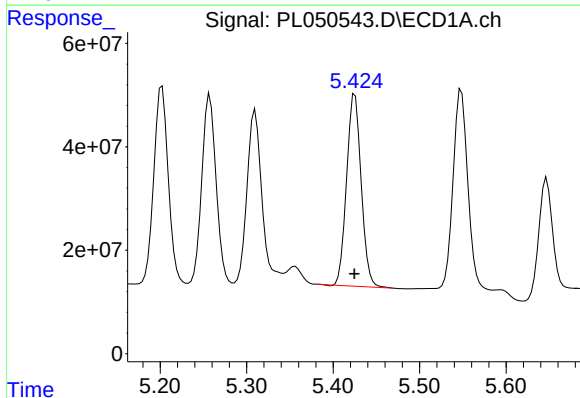
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 418701754
Conc: 27.45 ng/ml

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



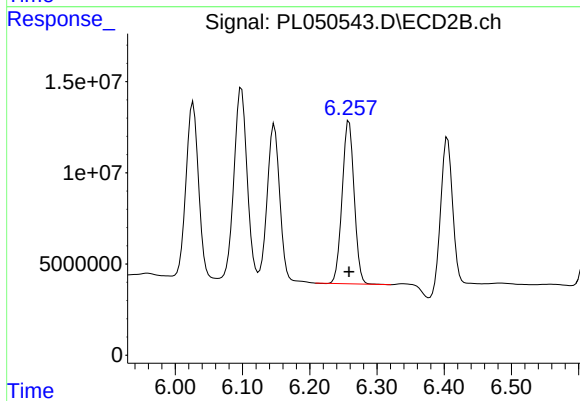
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 142042280
Conc: 38.75 ng/ml



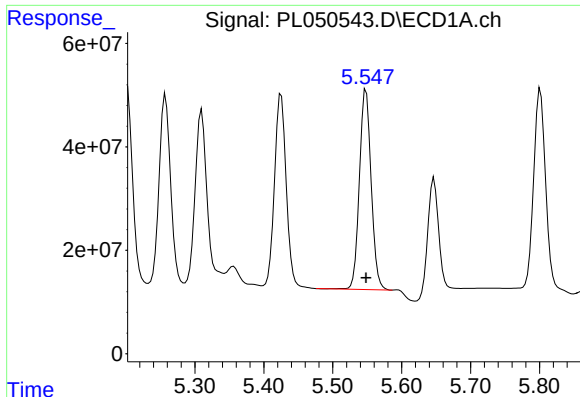
#12 4,4'-DDE

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 431693655
Conc: 28.81 ng/ml



#12 4,4'-DDE

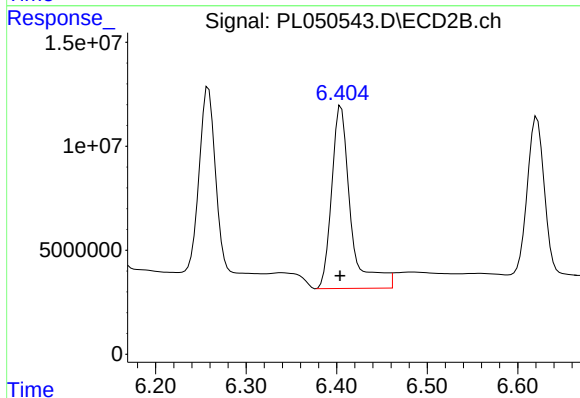
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 110485207
Conc: 30.66 ng/ml



#13 Dieldrin

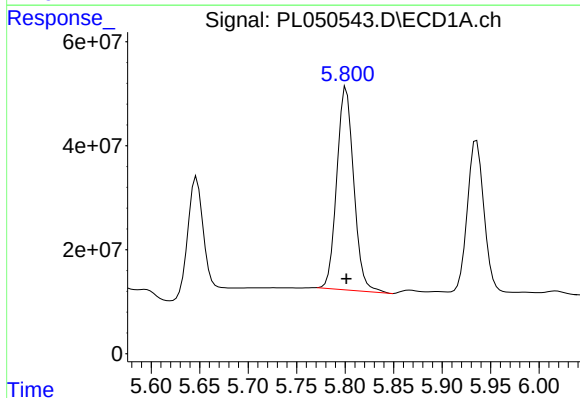
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 457940094
Conc: 29.55 ng/ml

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



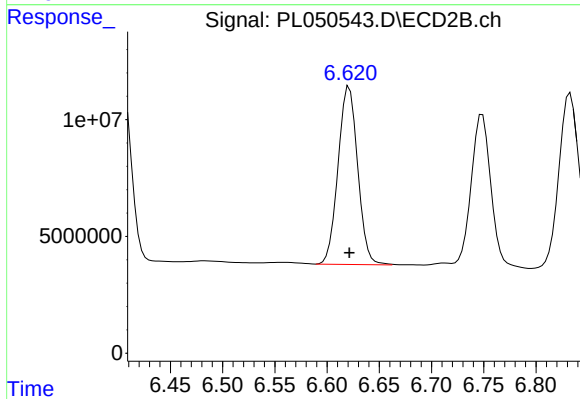
#13 Dieldrin

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 128509644
Conc: 36.29 ng/ml



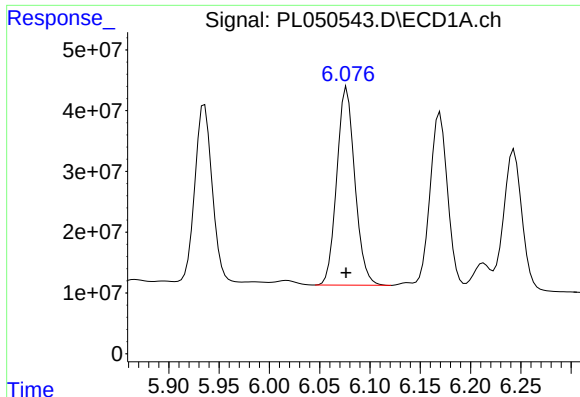
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 474164662
Conc: 32.21 ng/ml



#14 Endrin

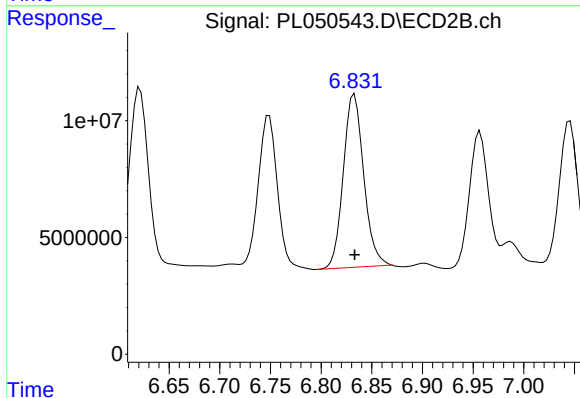
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 99582102
Conc: 32.11 ng/ml



#15 Endosulfan II

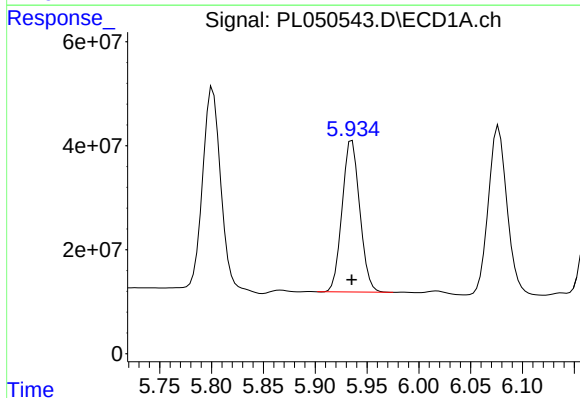
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 407208790
Conc: 29.10 ng/ml

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



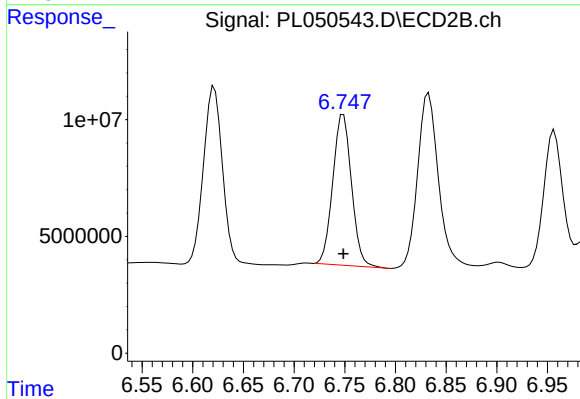
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 103628723
Conc: 32.60 ng/ml



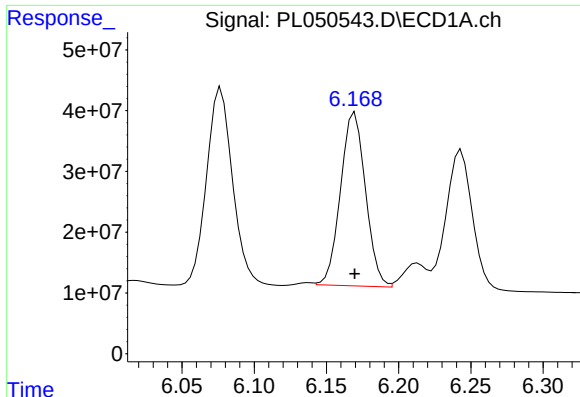
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 345375900
Conc: 28.82 ng/ml



#16 4,4'-DDD

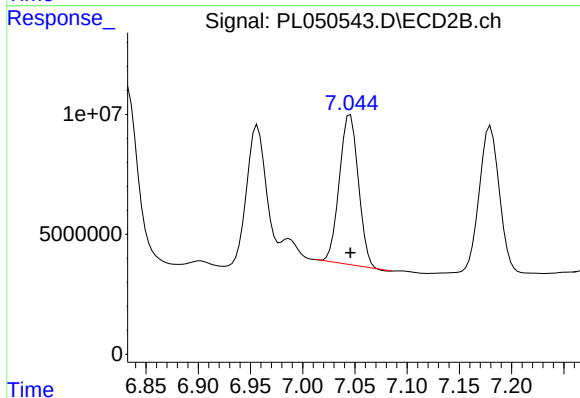
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 83169363
Conc: 31.23 ng/ml



#17 4,4'-DDT

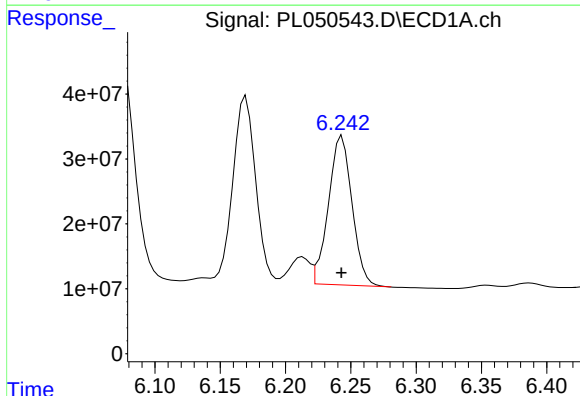
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 342790563
Conc: 27.68 ng/ml

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



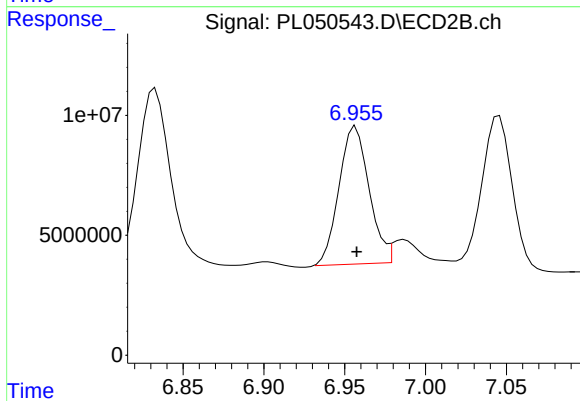
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 79078322
Conc: 29.29 ng/ml



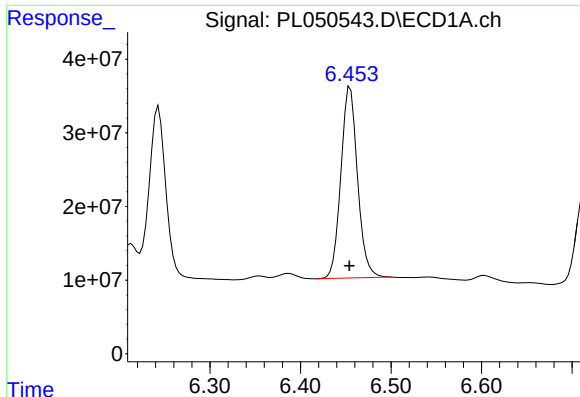
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 288319056
Conc: 24.99 ng/ml



#18 Endrin aldehyde

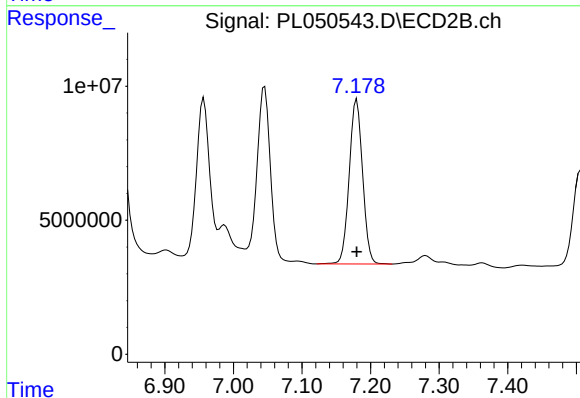
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 74324473
Conc: 27.35 ng/ml



#19 Endosulfan Sulfate

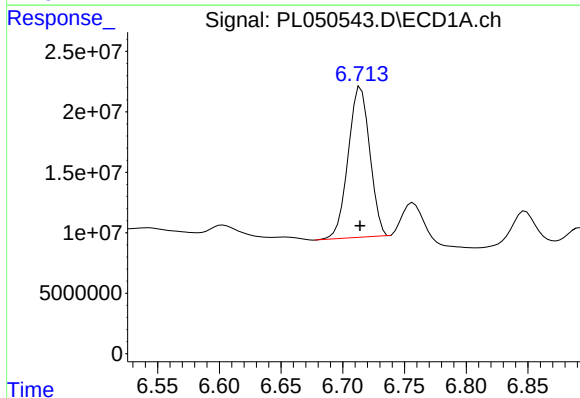
R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 331904168
Conc: 26.05 ng/ml

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



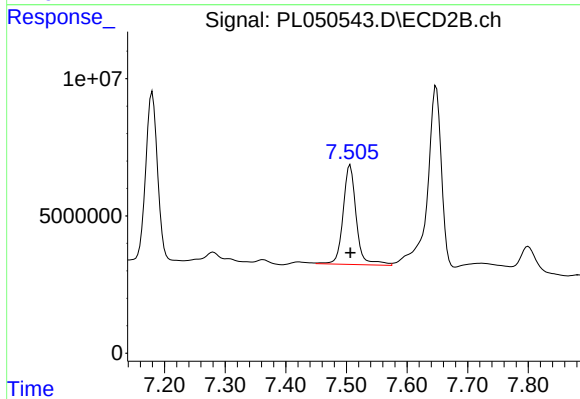
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 83221600
Conc: 28.81 ng/ml



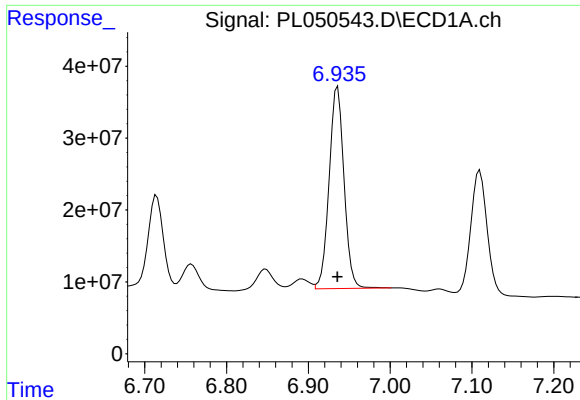
#20 Methoxychlor

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 151353868
Conc: 24.26 ng/ml



#20 Methoxychlor

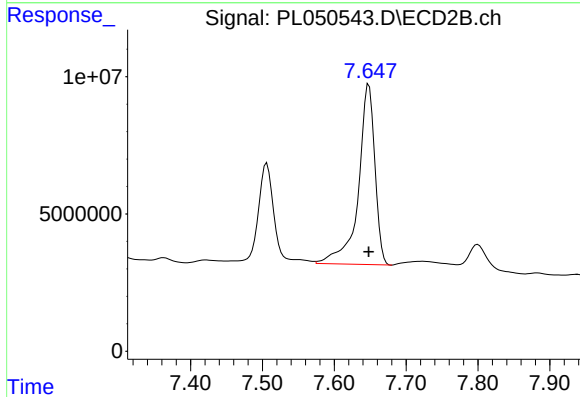
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 54667666
Conc: 37.26 ng/ml



#21 Endrin ketone

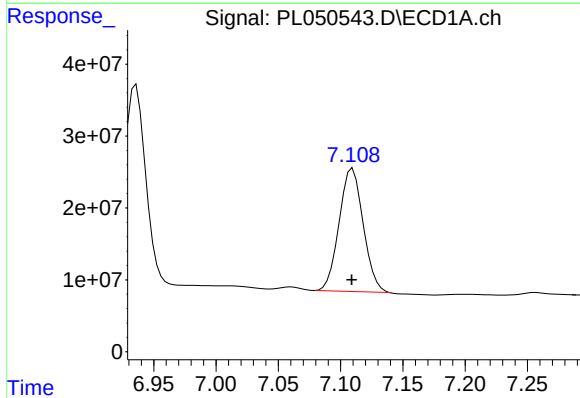
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 356307104
Conc: 26.05 ng/ml

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



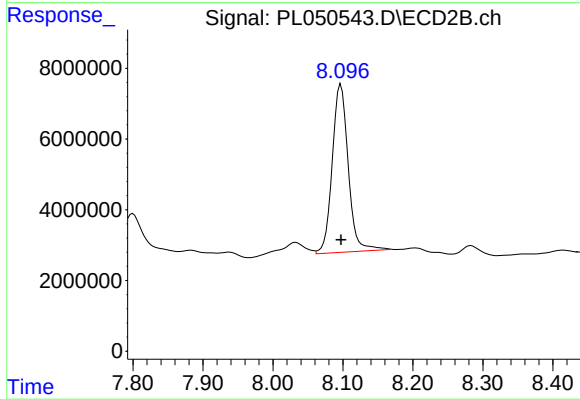
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 104986771
Conc: 36.31 ng/ml



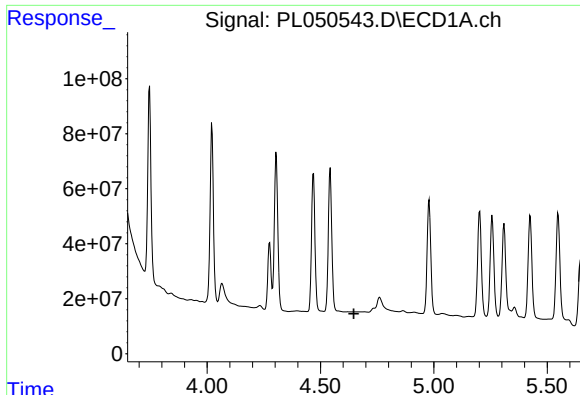
#22 Mirex

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 230291484
Conc: 23.49 ng/ml



#22 Mirex

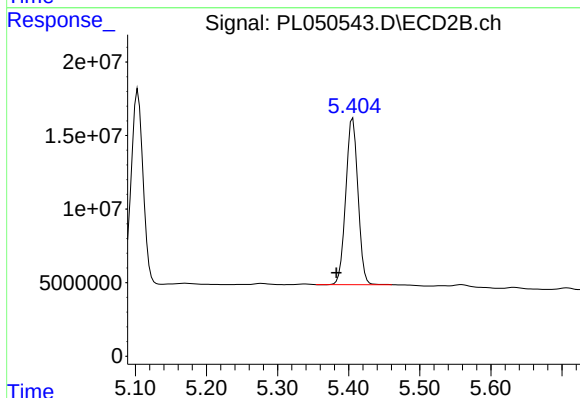
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 75061256
Conc: 32.68 ng/ml



#24 Chlordane-2

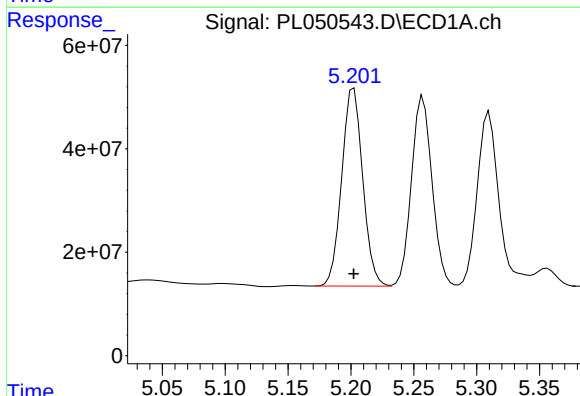
R.T.: 0.000 min
Exp R.T.: 4.648 min
Response: 0
Conc: N.D.

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



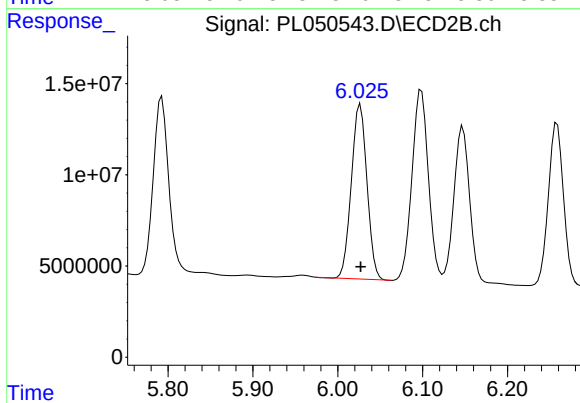
#24 Chlordane-2

R.T.: 5.406 min
Delta R.T.: 0.023 min
Response: 134972239
Conc: 1149.16 ng/ml



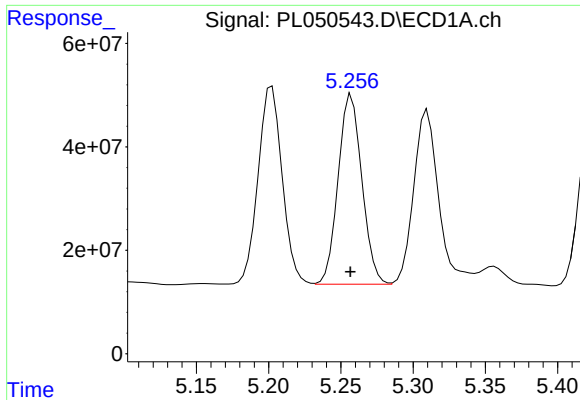
#25 Chlordane-3

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 444742348
Conc: 317.72 ng/ml



#25 Chlordane-3

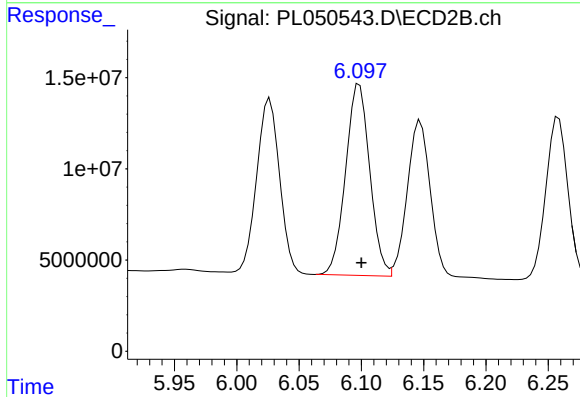
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 122578495
Conc: 254.85 ng/ml



#26 Chlordane-4

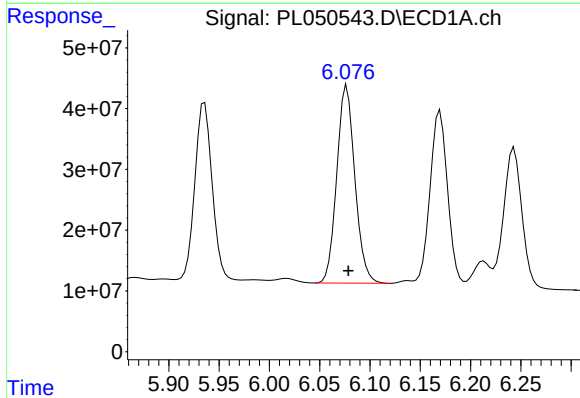
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 418701754
Conc: 317.44 ng/ml

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



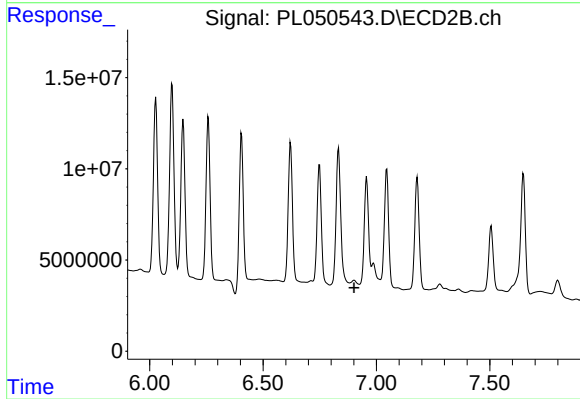
#26 Chlordane-4

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 142042280
Conc: 244.51 ng/ml



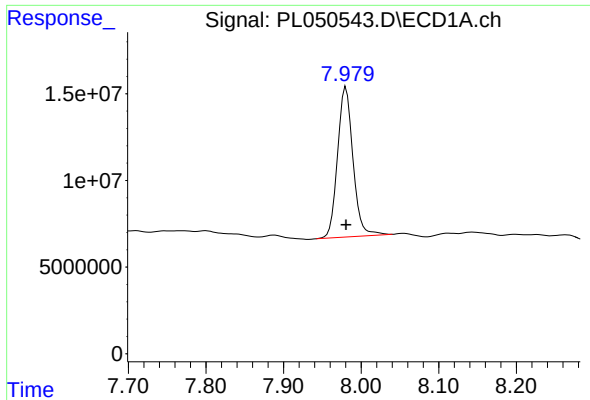
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 407208790
Conc: 801.69 ng/ml



#27 Chlordane-5

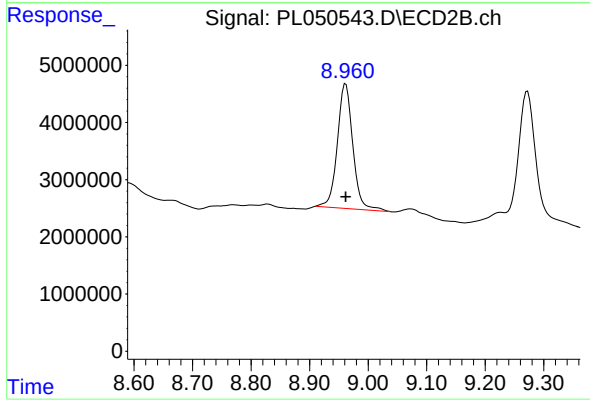
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 119819497
Conc: 11.83 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 39999182
Conc: 14.14 ng/ml