

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080819\
 Data File : PL051202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2019 03:23
 Operator : SM\AJ
 Sample : PB122067BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

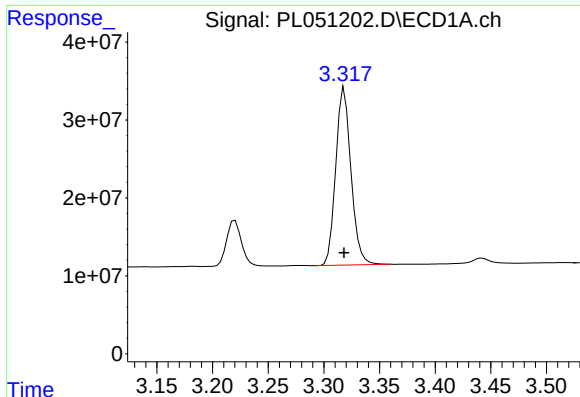
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 06:40:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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	3.928	217.4E6	58900366	21.635	20.644
28)	SA Decachlor...	7.979	8.958	229.7E6	62585944	22.688	22.131
Target Compounds							
2)	A alpha-BHC	3.746	4.316	937.8E6	219.9E6	55.961	53.305
3)	MA gamma-BHC...	4.021	4.599	877.2E6	210.8E6	57.030	54.429
4)	MA Heptachlor	4.305	5.101	960.2E6	228.4E6	58.522	55.090
5)	MB Aldrin	4.543	5.402	922.5E6	215.9E6	59.551	57.300
6)	B beta-BHC	4.276	4.776	371.5E6	98913668	56.662	57.213
7)	B delta-BHC	4.469	4.989	849.0E6	188.4E6	51.741	48.722
8)	B Heptachlo...	4.980	5.790	860.5E6	200.3E6	58.249	52.357
9)	A Endosulfan I	5.309	6.145	826.0E6	188.7E6	56.795	54.874
10)	B gamma-Chl...	5.202	6.024	909.2E6	204.2E6	57.606	55.256
11)	B alpha-Chl...	5.257	6.095	870.1E6	202.6E6	57.034	55.284
12)	B 4,4'-DDE	5.424	6.256	885.9E6	203.5E6	59.113	56.472
13)	MA Dieldrin	5.548	6.401	890.4E6	195.9E6	57.459	55.313
14)	MA Endrin	5.801	6.618	851.3E6	169.8E6	57.829	54.743
15)	B Endosulfa...	6.076	6.830	753.8E6	170.1E6	53.862	53.504
16)	A 4,4'-DDD	5.936	6.746	698.2E6	147.4E6	58.263	55.370
17)	MA 4,4'-DDT	6.169	7.043	717.9E6	159.1E6	57.963	58.948
18)	B Endrin al...	6.242	6.955	616.6E6	134.5E6	53.447	49.496
19)	B Endosulfa...	6.454	7.177	686.4E6	165.1E6	53.876	57.149
20)	A Methoxychlor	6.714	7.504	337.0E6	85576445	54.016	58.324
21)	B Endrin ke...	6.936	7.646	711.6E6	167.0E6	52.029	57.759
22)	Mirex	7.109	8.095	495.3E6	123.6E6	50.520	53.825
24)	Chlordane-2	0.000	5.402f	0	215.9E6	N.D.	1838.419 #
25)	Chlordane-3	5.202	6.024	909.2E6	204.2E6	649.537	424.525 #
26)	Chlordane-4	5.257	6.095	870.1E6	202.6E6	659.680	348.800 #
27)	Chlordane-5	6.076	0.000	753.8E6	0	1484.027	N.D. #

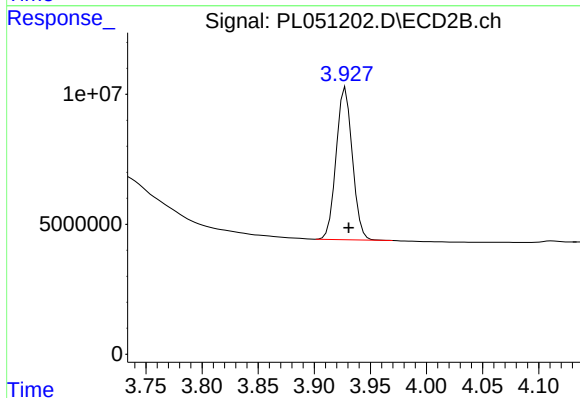
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

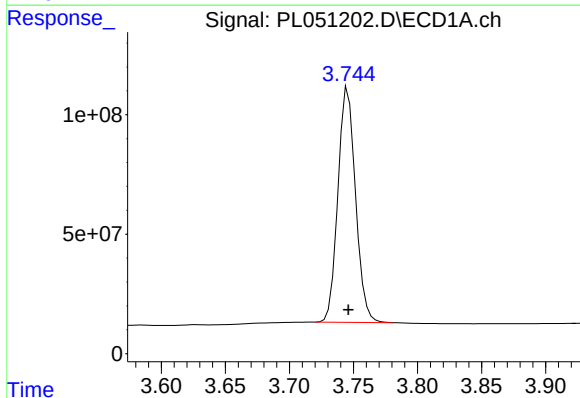
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 217388018
Conc: 21.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



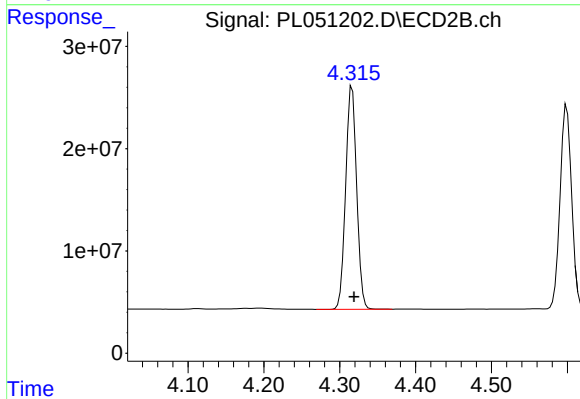
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 58900366
Conc: 20.64 ng/ml



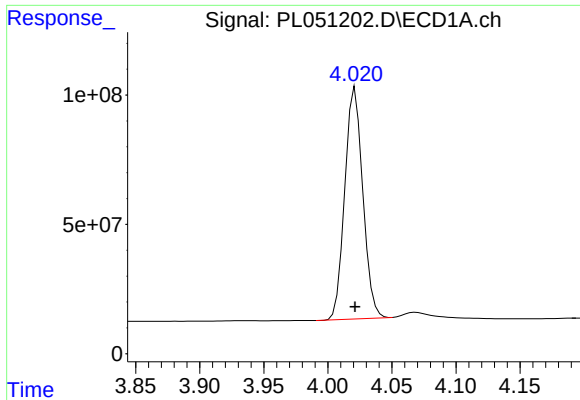
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 937775939
Conc: 55.96 ng/ml



#2 alpha-BHC

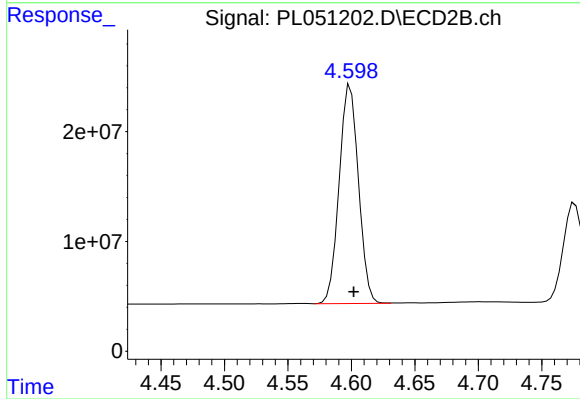
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 219936171
Conc: 53.31 ng/ml



#3 gamma-BHC (Lindane)

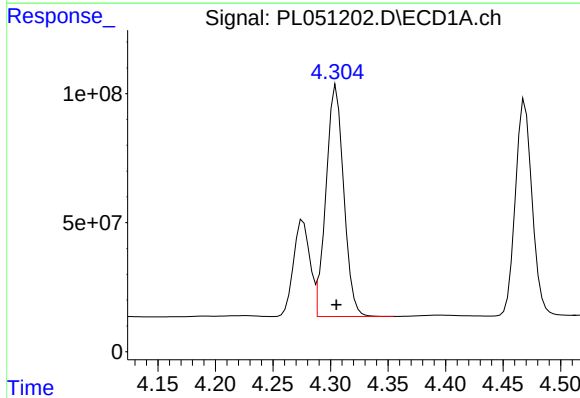
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 877216820
Conc: 57.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



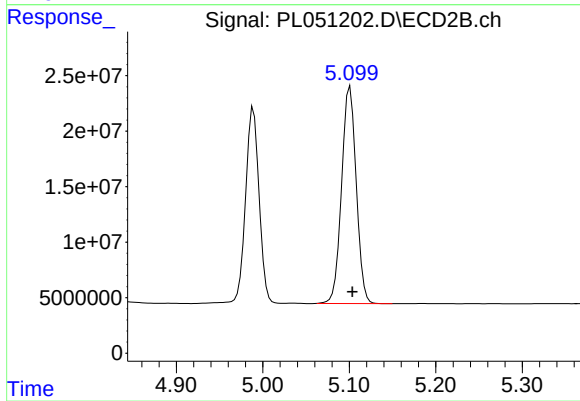
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 210813538
Conc: 54.43 ng/ml



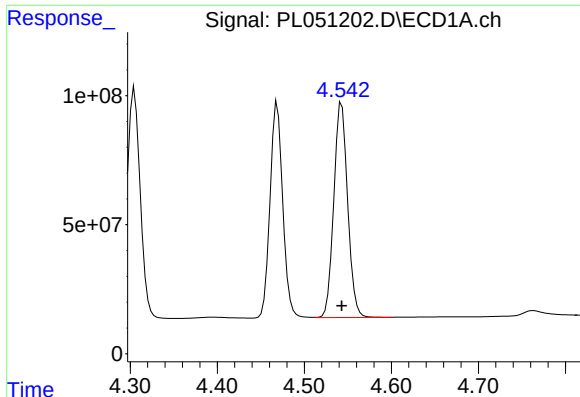
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 960224349
Conc: 58.52 ng/ml



#4 Heptachlor

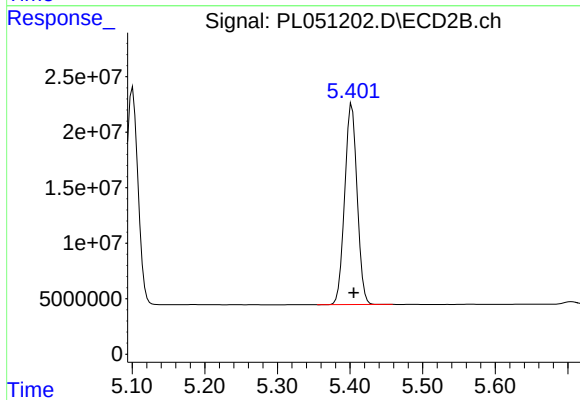
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 228439683
Conc: 55.09 ng/ml



#5 Aldrin

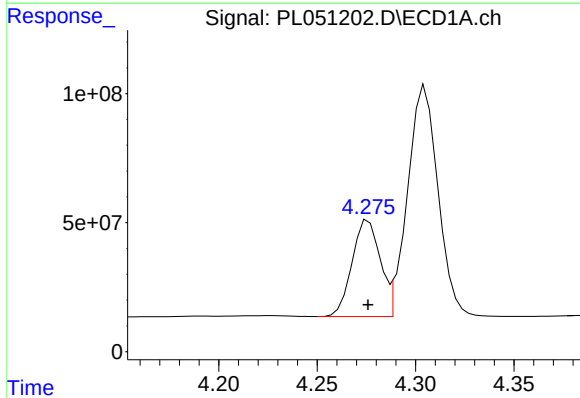
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 922536441
Conc: 59.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



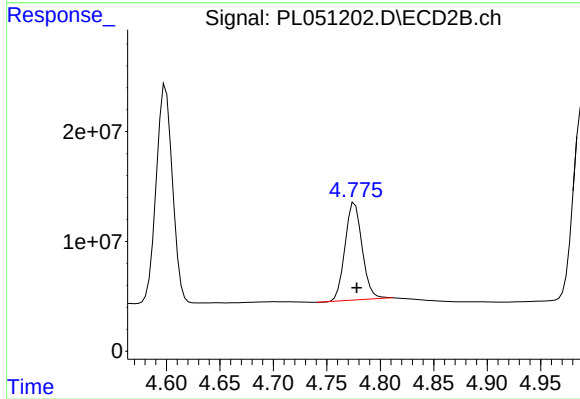
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 215926828
Conc: 57.30 ng/ml



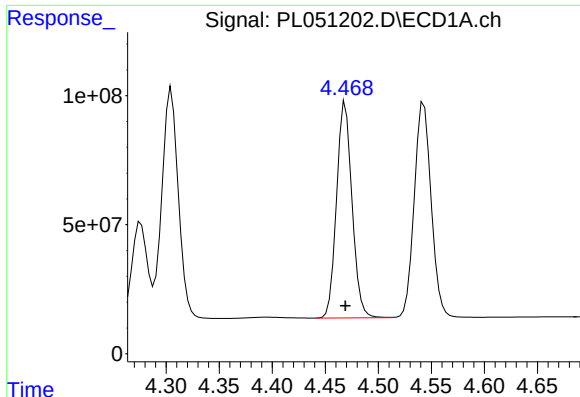
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 371464492
Conc: 56.66 ng/ml



#6 beta-BHC

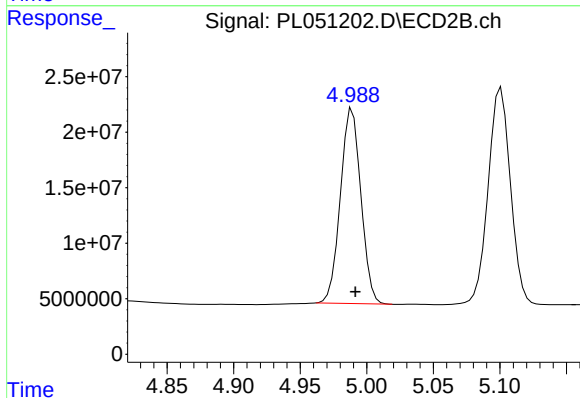
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 98913668
Conc: 57.21 ng/ml



#7 delta-BHC

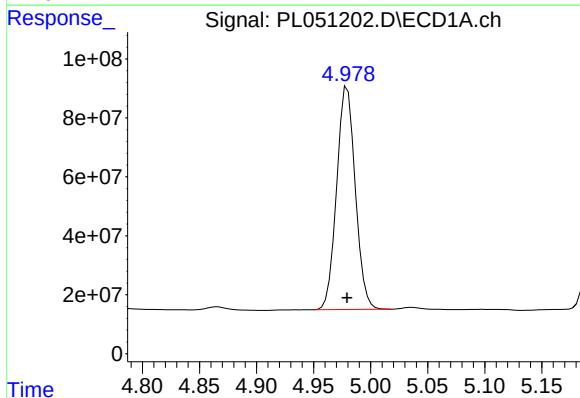
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 848995330
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



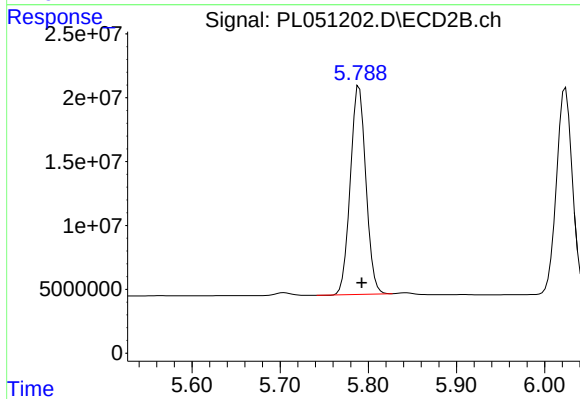
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 188437100
Conc: 48.72 ng/ml



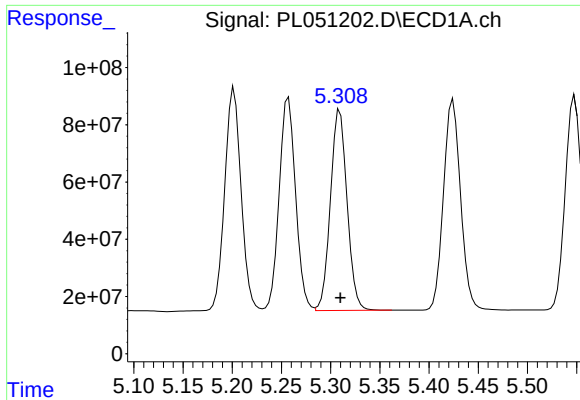
#8 Heptachlor epoxide

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 860545108
Conc: 58.25 ng/ml



#8 Heptachlor epoxide

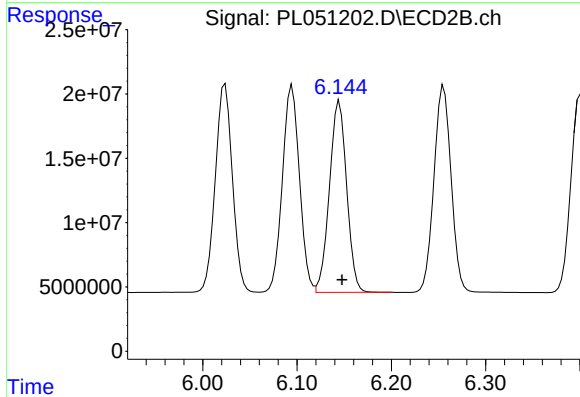
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 200256332
Conc: 52.36 ng/ml



#9 Endosulfan I

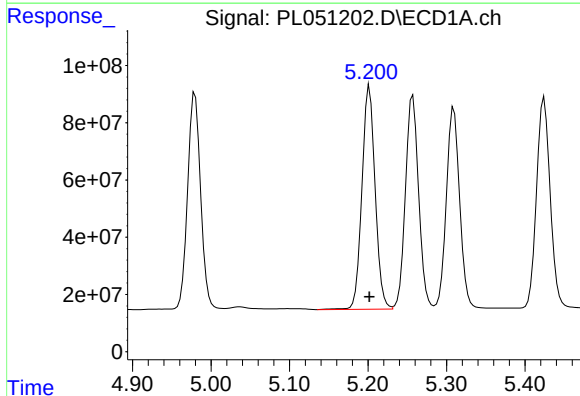
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 826016881
Conc: 56.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



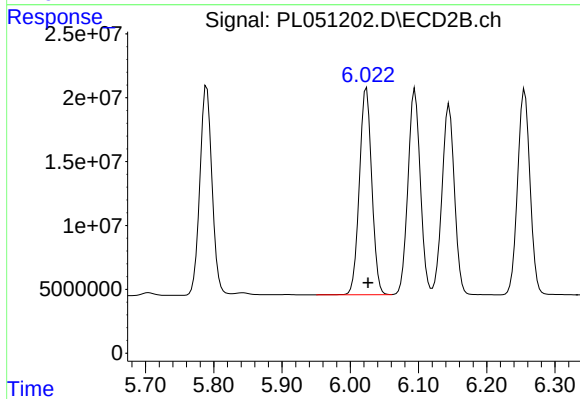
#9 Endosulfan I

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 188704891
Conc: 54.87 ng/ml



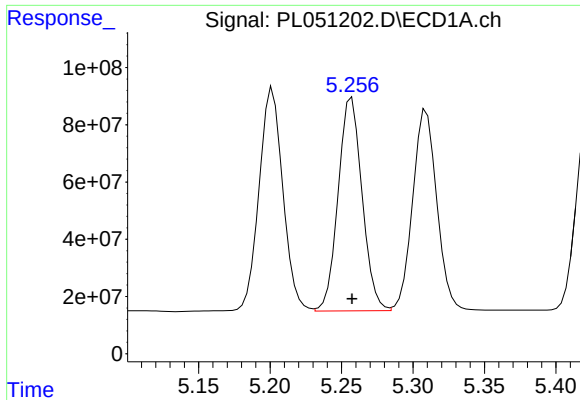
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 909214433
Conc: 57.61 ng/ml



#10 gamma-Chlordane

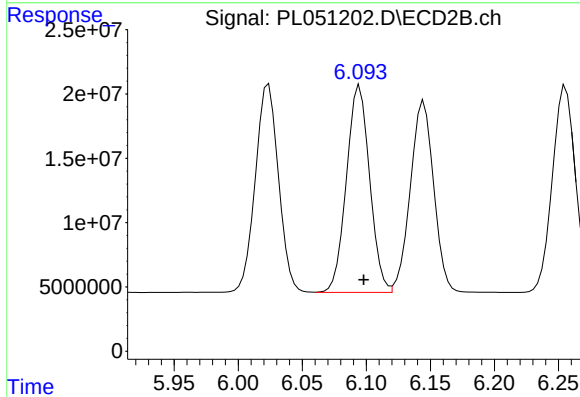
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 204188315
Conc: 55.26 ng/ml



#11 alpha-Chlordane

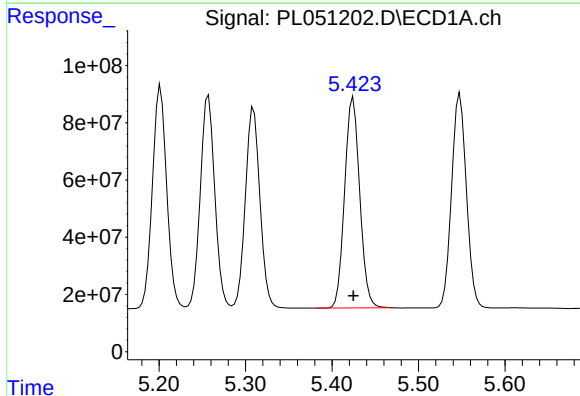
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 870104102
Conc: 57.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



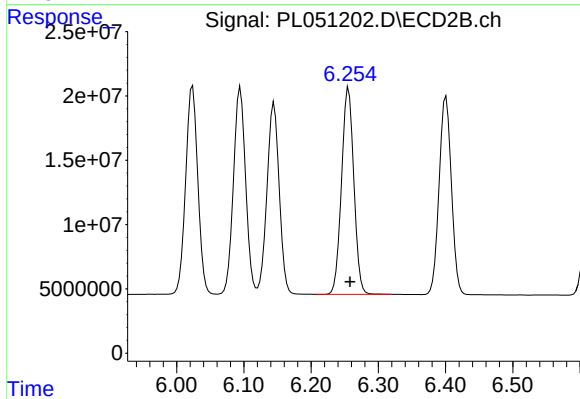
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 202624617
Conc: 55.28 ng/ml



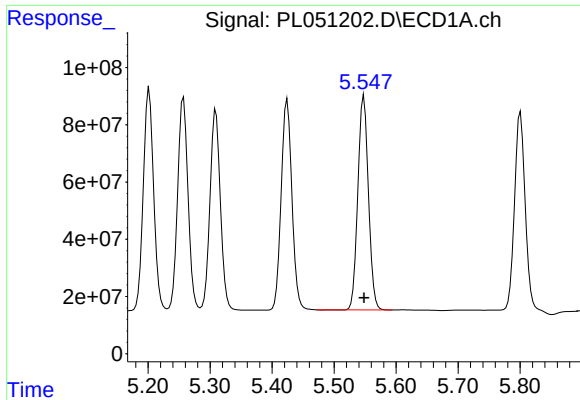
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 885856923
Conc: 59.11 ng/ml



#12 4,4'-DDE

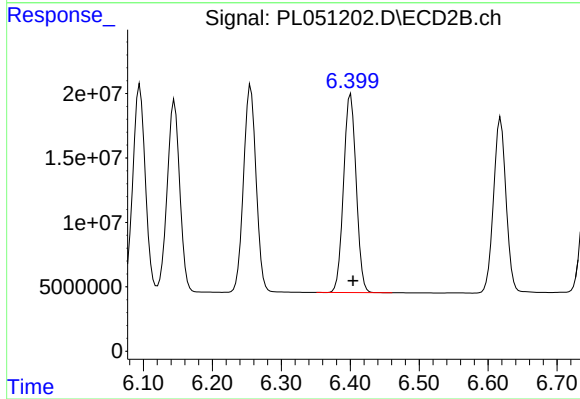
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 203491799
Conc: 56.47 ng/ml



#13 Dieldrin

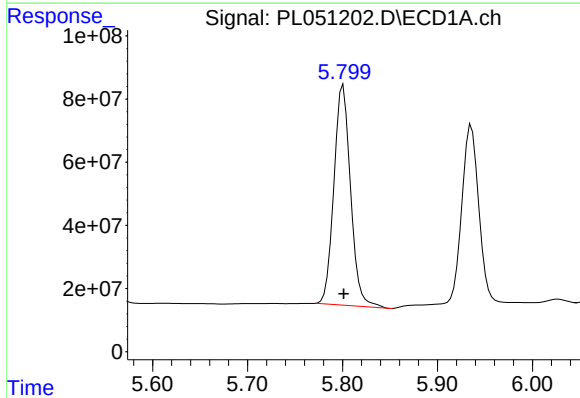
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 890422302
Conc: 57.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



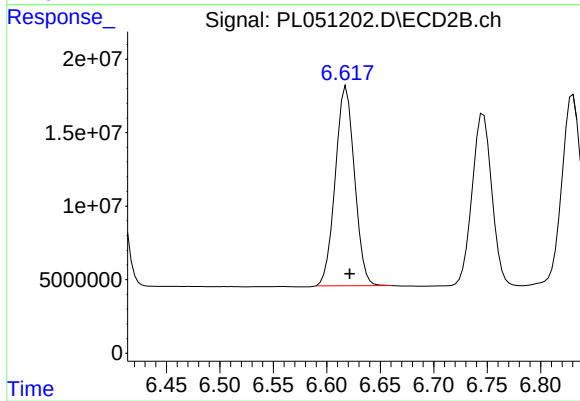
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 195871091
Conc: 55.31 ng/ml



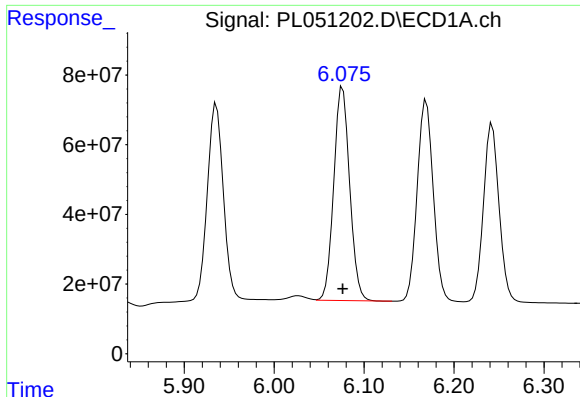
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 851273053
Conc: 57.83 ng/ml



#14 Endrin

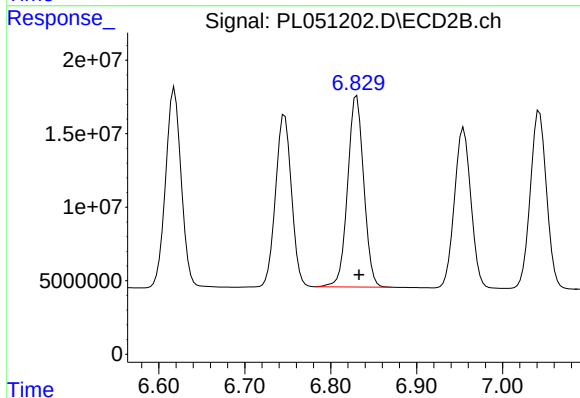
R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 169783326
Conc: 54.74 ng/ml



#15 Endosulfan II

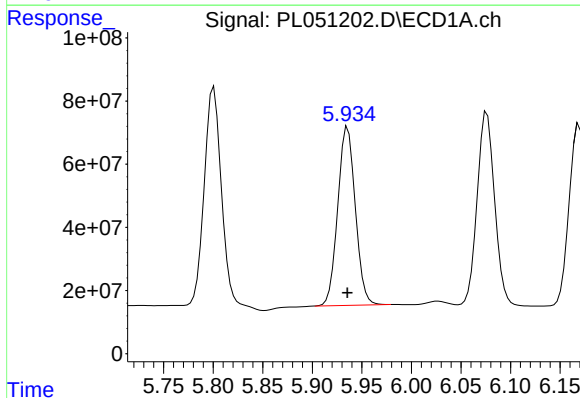
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 753792176
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



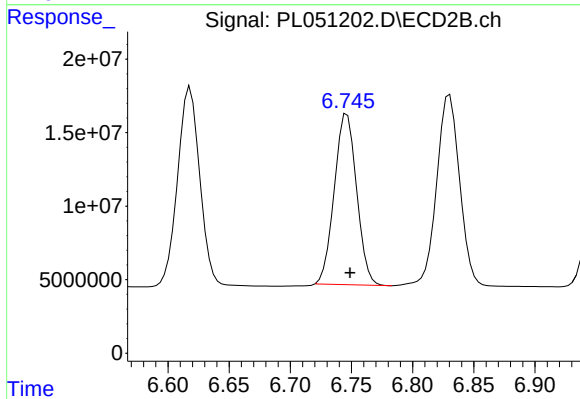
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 170100472
Conc: 53.50 ng/ml



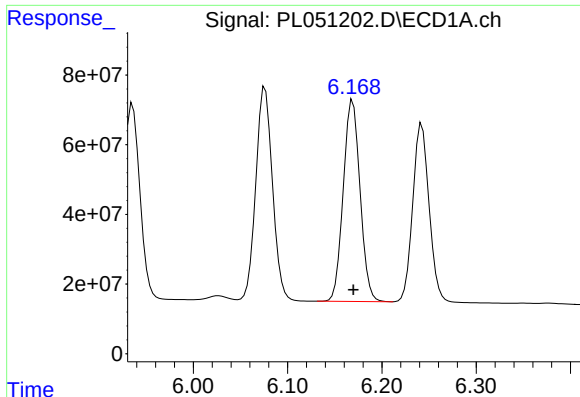
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 698209453
Conc: 58.26 ng/ml



#16 4,4'-DDD

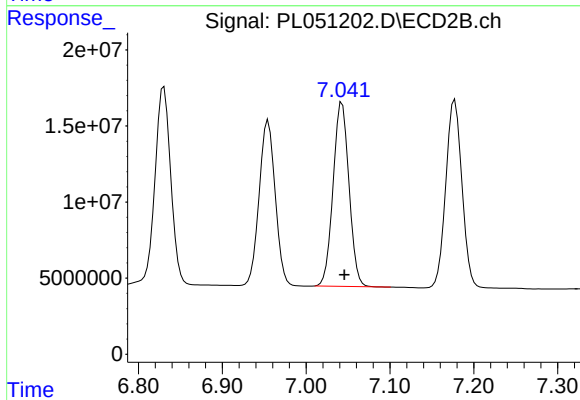
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 147444132
Conc: 55.37 ng/ml



#17 4,4'-DDT

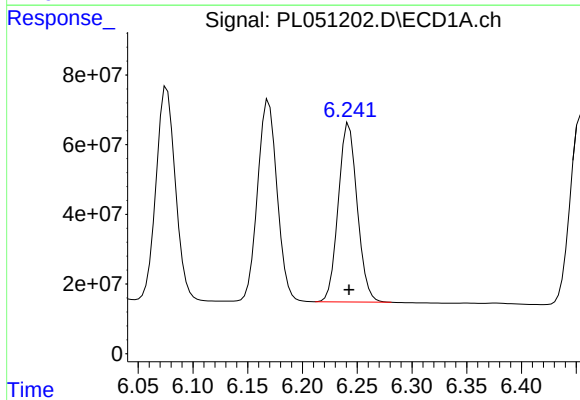
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 717917297
Conc: 57.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



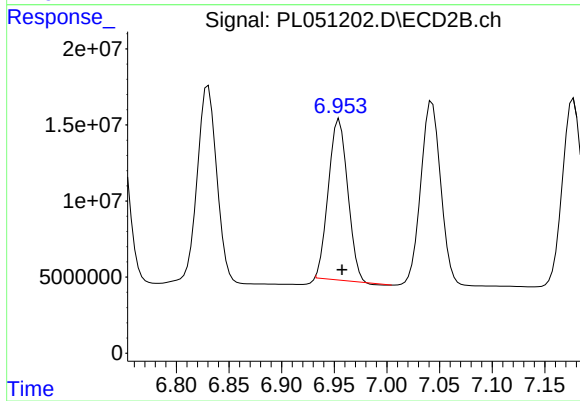
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 159135076
Conc: 58.95 ng/ml



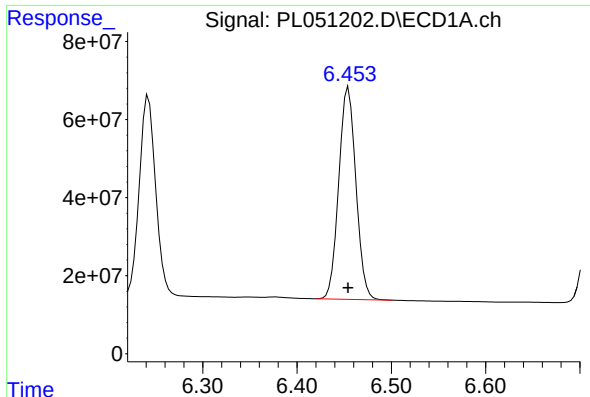
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 616584860
Conc: 53.45 ng/ml



#18 Endrin aldehyde

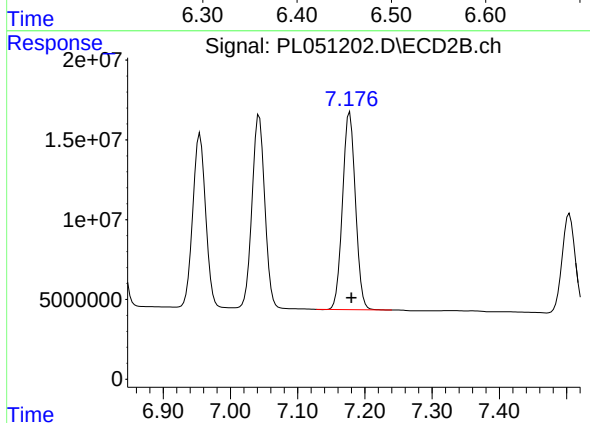
R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 134511143
Conc: 49.50 ng/ml



#19 Endosulfan Sulfate

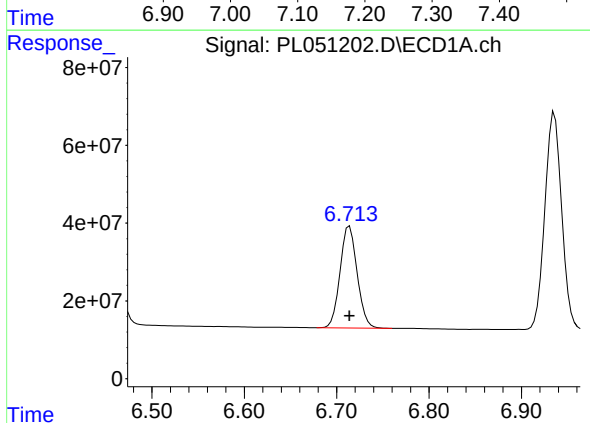
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 686360014
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



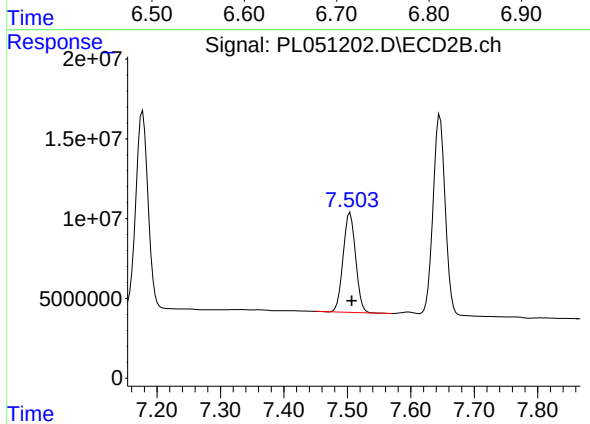
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 165059455
Conc: 57.15 ng/ml



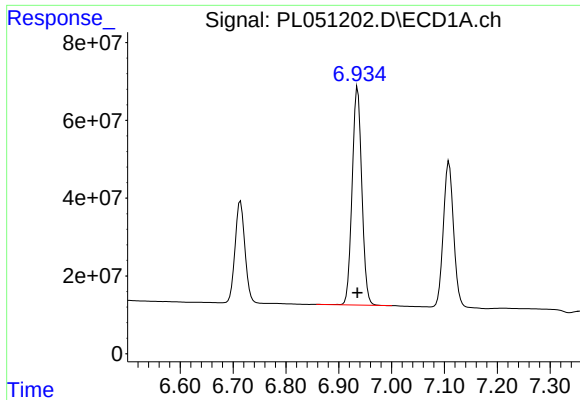
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 336999613
Conc: 54.02 ng/ml



#20 Methoxychlor

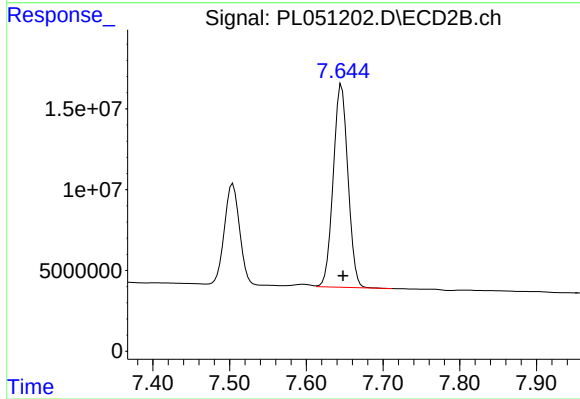
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 85576445
Conc: 58.32 ng/ml



#21 Endrin ketone

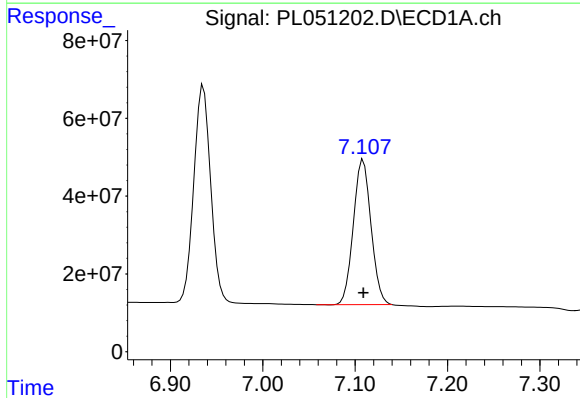
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 711620004
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



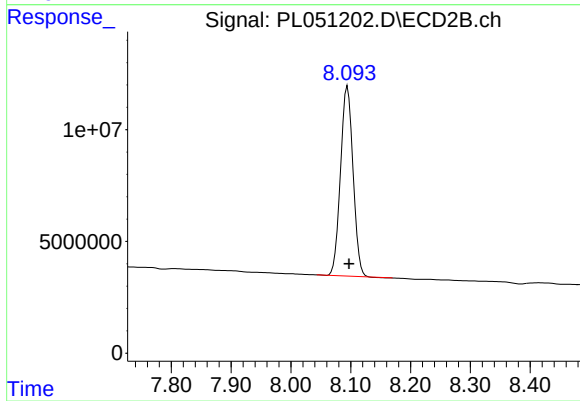
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 166996423
Conc: 57.76 ng/ml



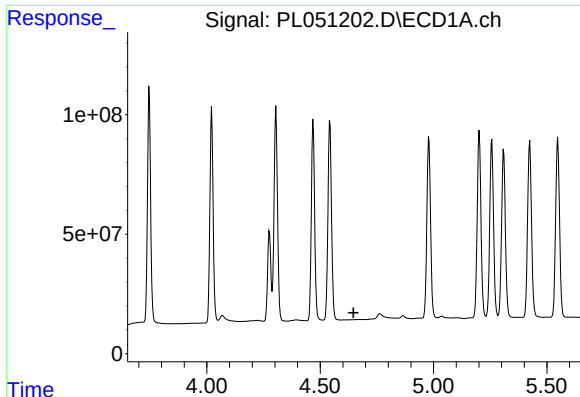
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 495313885
Conc: 50.52 ng/ml



#22 Mirex

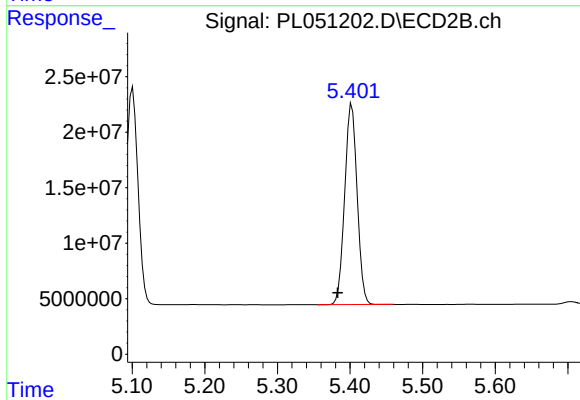
R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 123636116
Conc: 53.83 ng/ml



#24 Chlordane-2

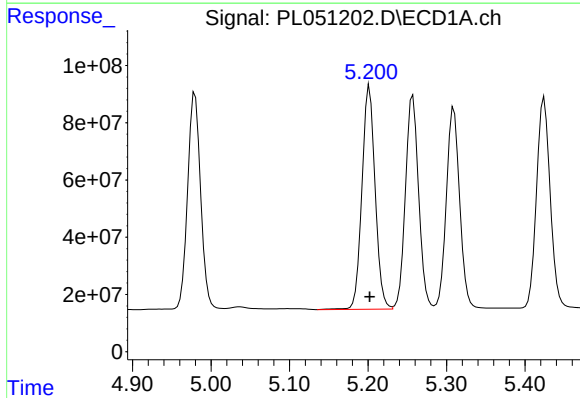
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



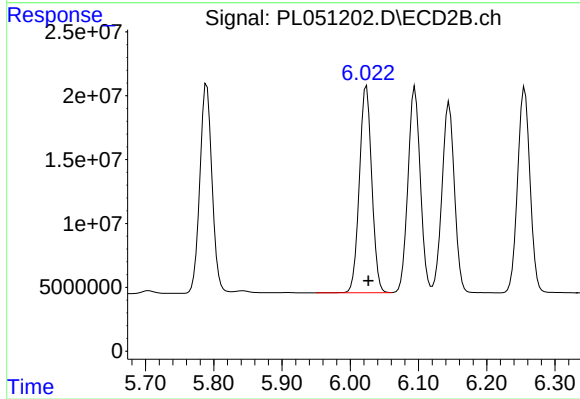
#24 Chlordane-2

R.T.: 5.402 min
Delta R.T.: 0.019 min
Response: 215926828
Conc: 1838.42 ng/ml



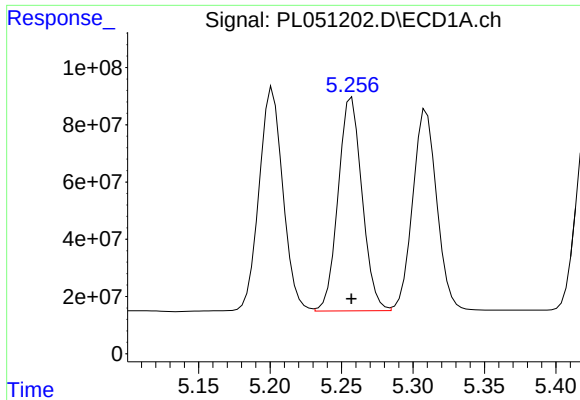
#25 Chlordane-3

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 909214433
Conc: 649.54 ng/ml



#25 Chlordane-3

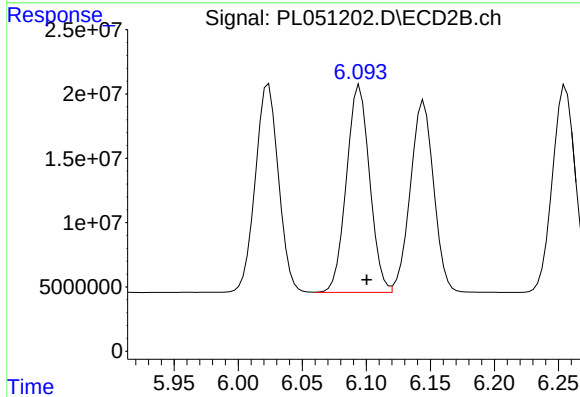
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 204188315
Conc: 424.53 ng/ml



#26 Chlordane-4

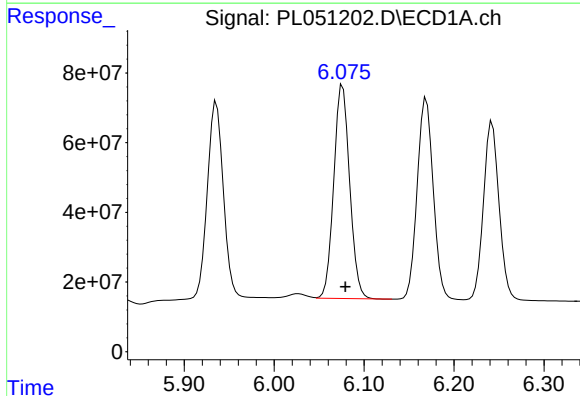
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 870104102
Conc: 659.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



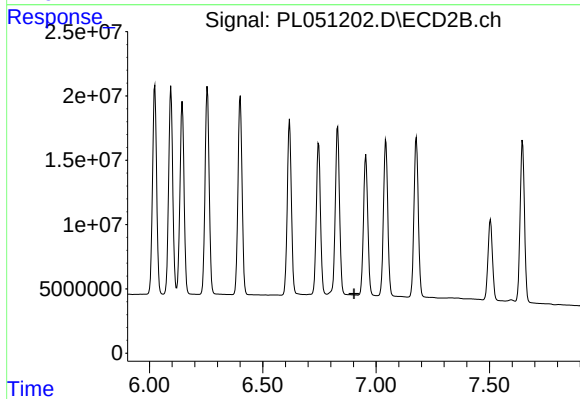
#26 Chlordane-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 202624617
Conc: 348.80 ng/ml



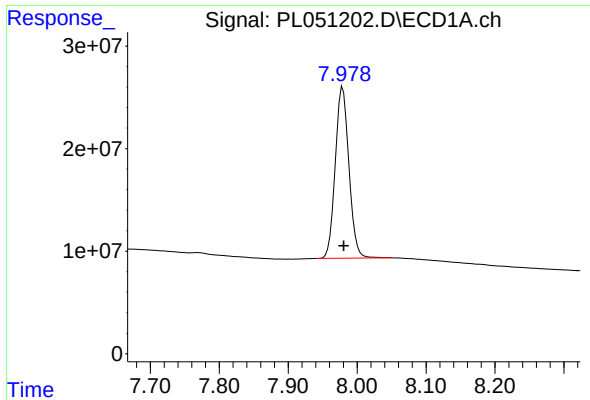
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 753792176
Conc: 1484.03 ng/ml



#27 Chlordane-5

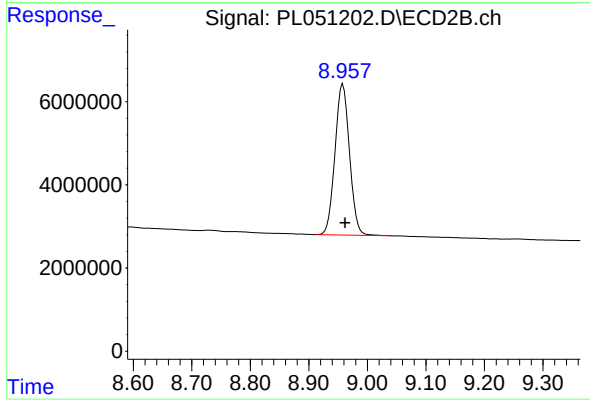
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 229724084
Conc: 22.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.958 min
Delta R.T.: -0.003 min
Response: 62585944
Conc: 22.13 ng/ml