Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
Data File : PL051393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 11:59
Operator : SM\AJ
Sample : WATER IDOC 03
Misc : FOR STEPHEN GRAMS
ALS Vial : 13 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : WATER IDOC 03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:39:32 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...	3.317	3.927	207.3E6	56332570	20.627	19.744	
28)	SA Decachlor...	7.977	8.956	222.8E6	56534189	22.005	19.991	
	Target Compounds							
2)	A alpha-BHC	3.744	4.315	891.4E6	207.0E6	53.194	50.181	
3)	MA gamma-BHC...	4.019	4.598	843.7E6	199.6E6	54.849	51.530	
4)	MA Heptachlor	4.302	5.099	905.4E6	215.2E6	55.180	51.898	
5)	MB Aldrin	4.540	5.401	882.1E6	206.7E6	56.942	54.859	
6)	B beta-BHC	4.273	4.775	355.0E6	93584280	54.151	54.131	
7)	B delta-BHC	4.466	4.988	761.9E6	170.2E6	46.431	44.015	
8)	B Heptachlo...	4.976	5.788	815.3E6	194.1E6	55.187	50.752	
9)	A Endosulfan I	5.306	6.143	782.6E6	183.5E6	53.807	53.364	
10)	B gamma-Chl...	5.198	6.022	854.9E6	197.9E6	54.165	53.548	
11)	B alpha-Chl...	5.254	6.093	823.2E6	196.5E6	53.959	53.602	
12)	B 4,4'-DDE	5.421	6.254	837.1E6	199.3E6	55.858	55.301	
13)	MA Dieldrin	5.545	6.399	848.1E6	194.3E6	54.725	54.877	
14)	MA Endrin	5.797	6.617	745.5E6	156.6E6	50.642	50.509	
15)	B Endosulfa...	6.073	6.829	722.9E6	169.9E6	51.651	53.455	
16)	A 4,4'-DDD	5.932	6.745	676.8E6	150.7E6	56.474	56.582	
17)	MA 4,4'-DDT	6.166	7.041	658.7E6	150.9E6	53.179	55.907	
18)	B Endrin al...	6.240	6.953	608.6E6	130.8E6	52.759	48.121	
19)	B Endosulfa...	6.451	7.176	694.2E6	164.3E6	54.491	56.882	
20)	A Methoxychlor	6.712	7.502	329.9E6	80750383	52.884	55.035	
21)	B Endrin ke...	6.933	7.644	778.6E6	172.4E6	56.924	59.625	
22)	Mirex	7.106	8.092	531.1E6	124.2E6	54.173	54.085	
24)	Chlordane-2	0.000	5.401f	0	206.7E6	N.D.	1760.094	#
25)	Chlordane-3	5.198	6.022	854.9E6	197.9E6	610.737	411.398	#
26)	Chlordane-4	5.254	6.093	823.2E6	196.5E6	624.117	338.188	#
27)	Chlordane-5	6.073	0.000	722.9E6	0	1423.121	N.D.	#

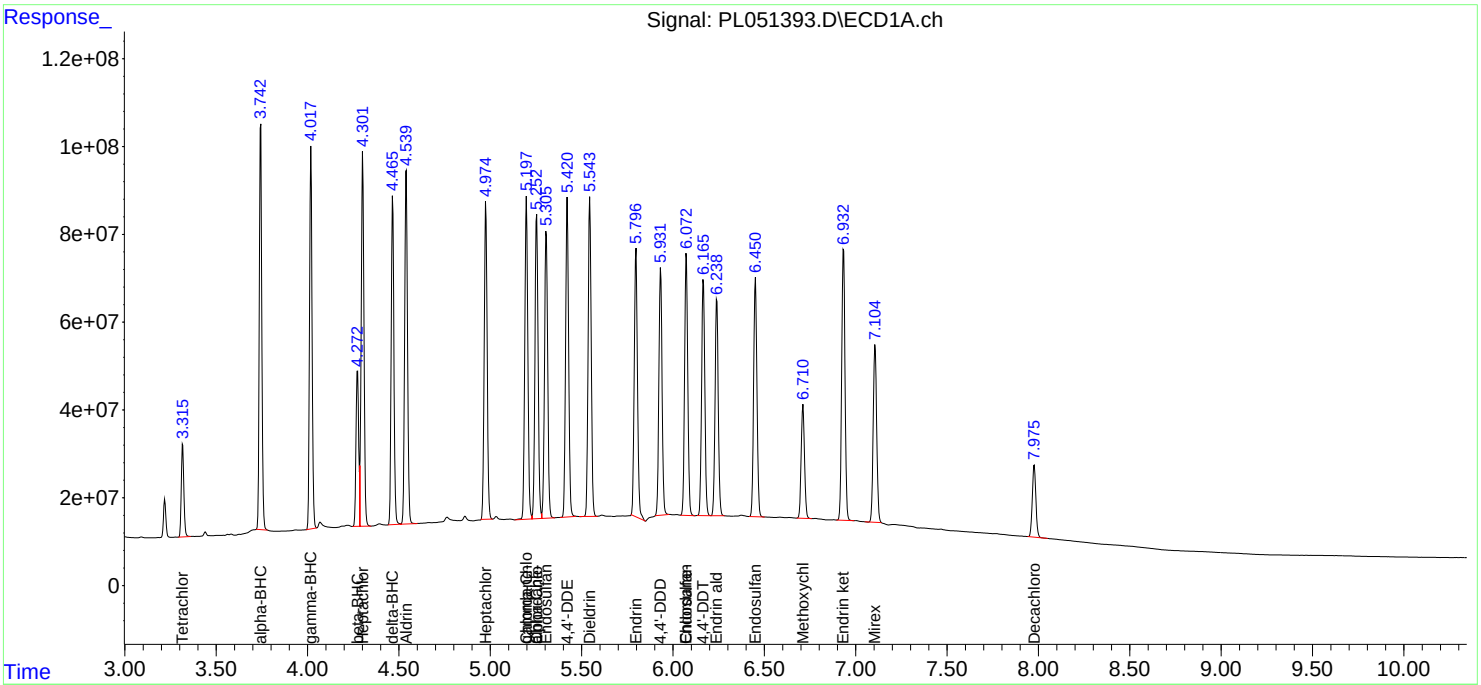
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

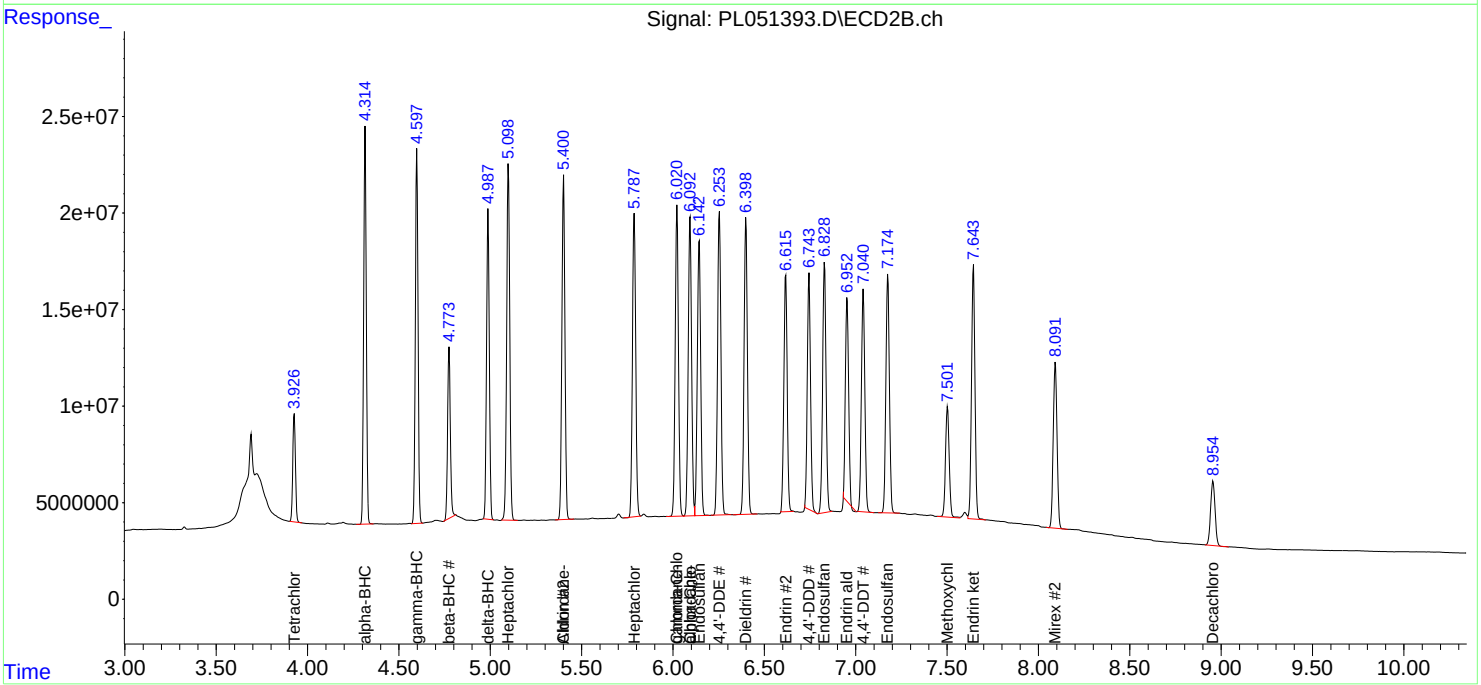
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
Data File : PL051393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 11:59
Operator : SM\AJ
Sample : WATER IDOC 03
Misc : FOR STEPHEN GRAMS
ALS Vial : 13 Sample Multiplier: 1

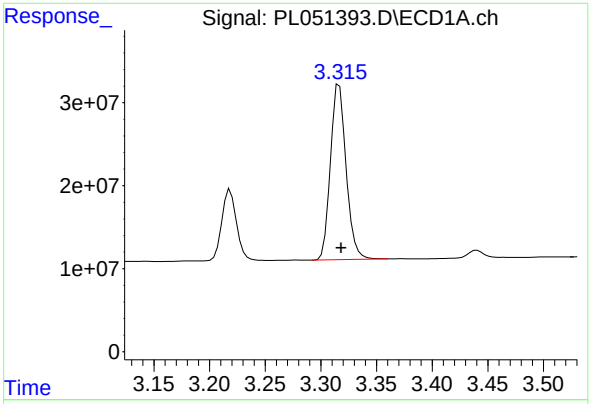
Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:39:32 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



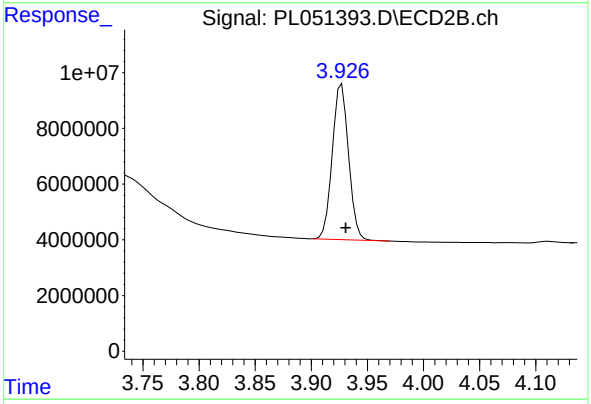




#1 Tetrachloro-m-xylene

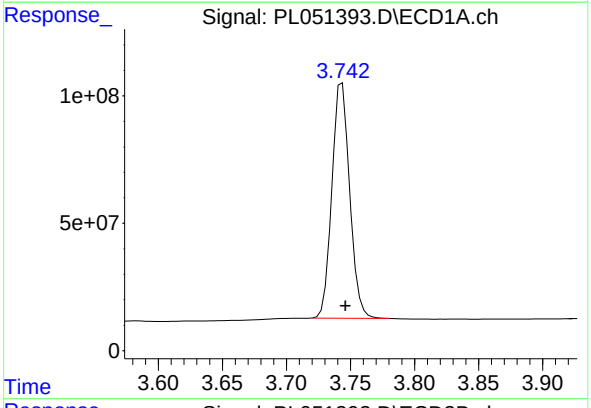
R.T.: 3.317 min
Delta R.T.: -0.001 min
Response: 207252649
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



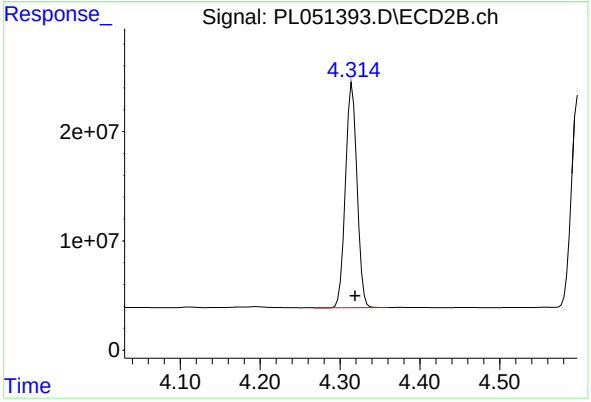
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 56332570
Conc: 19.74 ng/ml



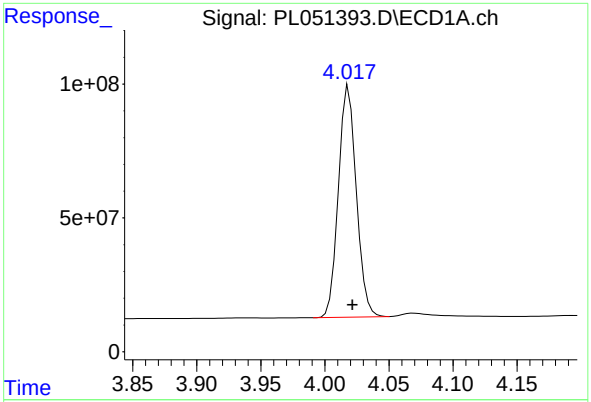
#2 alpha-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 891413450
Conc: 53.19 ng/ml



#2 alpha-BHC

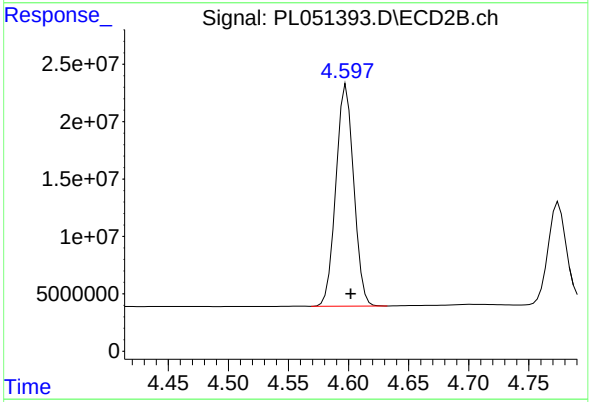
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 207046417
Conc: 50.18 ng/ml



#3 gamma-BHC (Lindane)

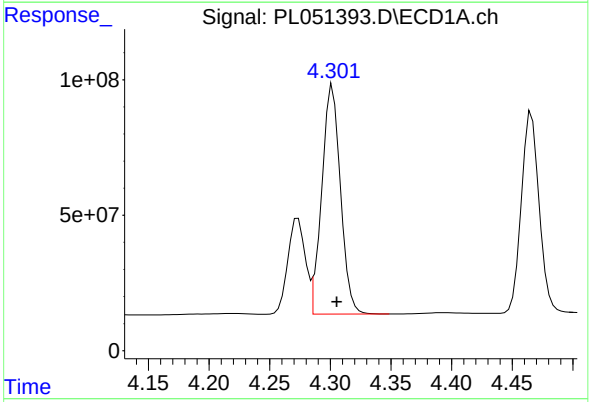
R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 843666646
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



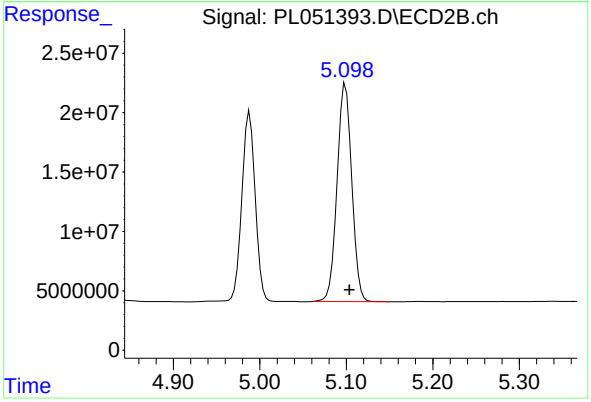
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 199585554
Conc: 51.53 ng/ml



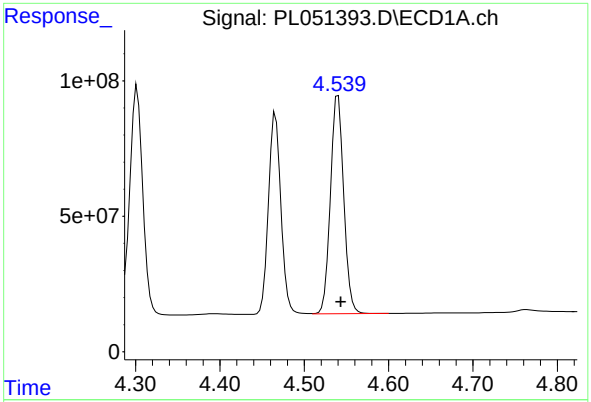
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 905392119
Conc: 55.18 ng/ml



#4 Heptachlor

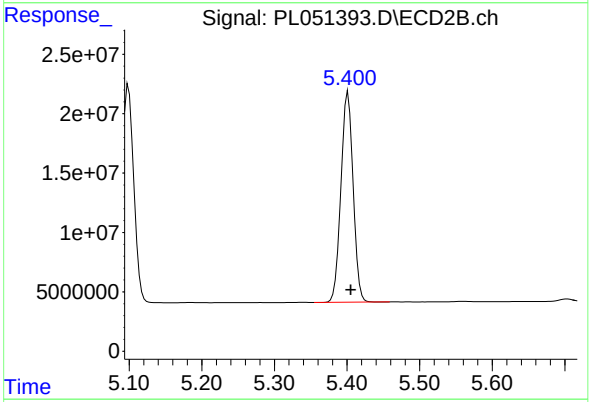
R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 215205090
Conc: 51.90 ng/ml



#5 Aldrin

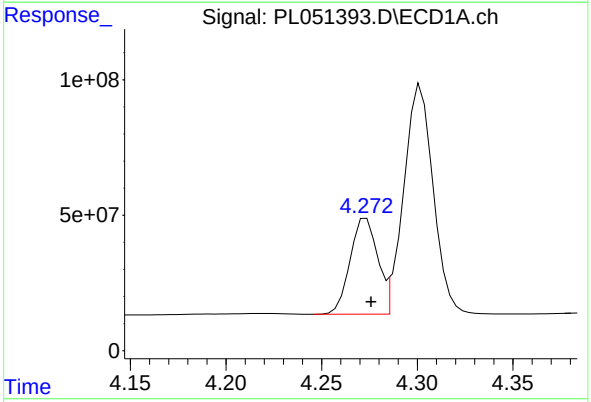
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 882122892
Conc: 56.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



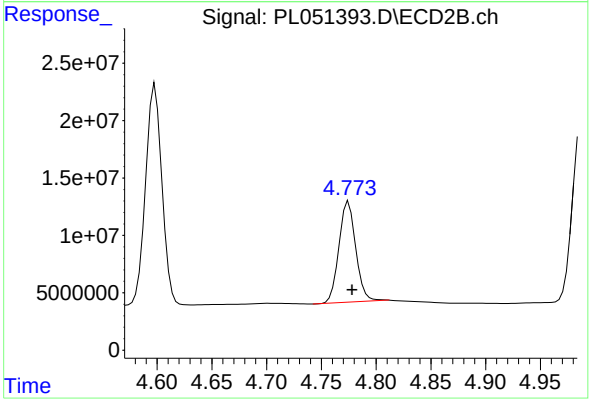
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 206727381
Conc: 54.86 ng/ml



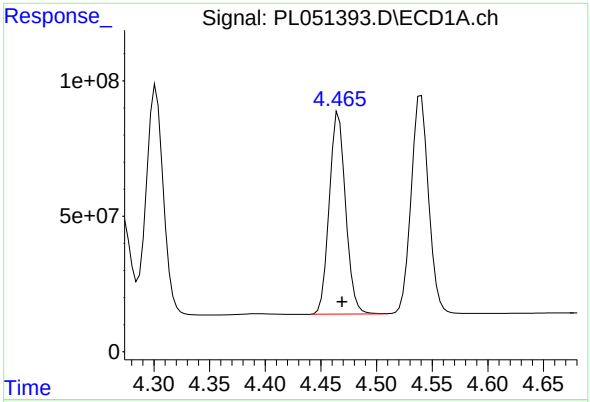
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 355006130
Conc: 54.15 ng/ml



#6 beta-BHC

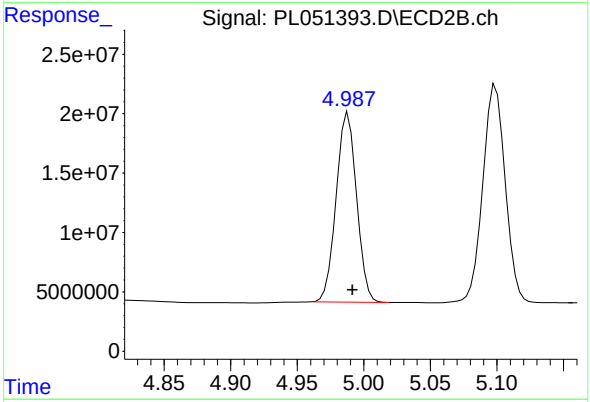
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 93584280
Conc: 54.13 ng/ml



#7 delta-BHC

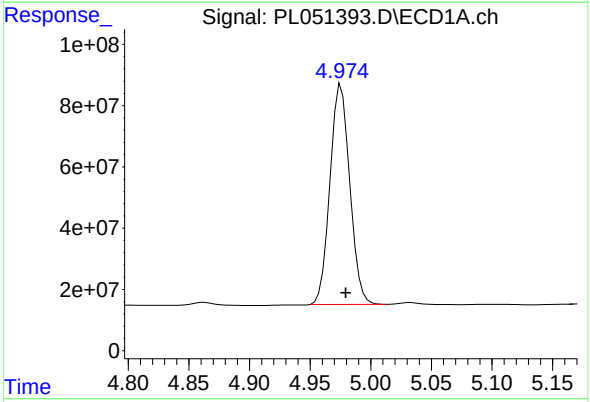
R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 761875402
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



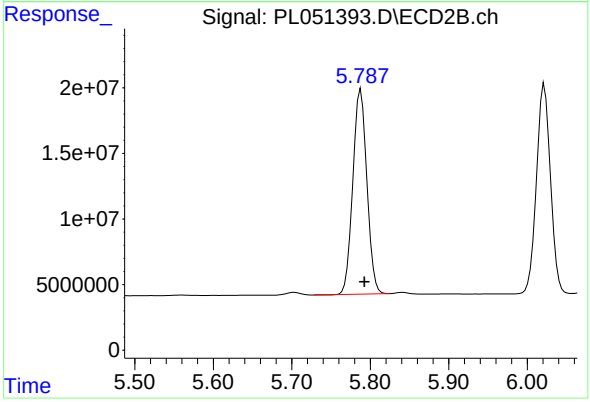
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 170232148
Conc: 44.01 ng/ml



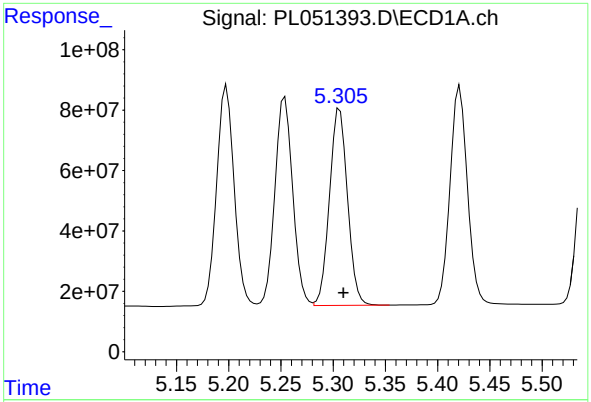
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 815310923
Conc: 55.19 ng/ml



#8 Heptachlor epoxide

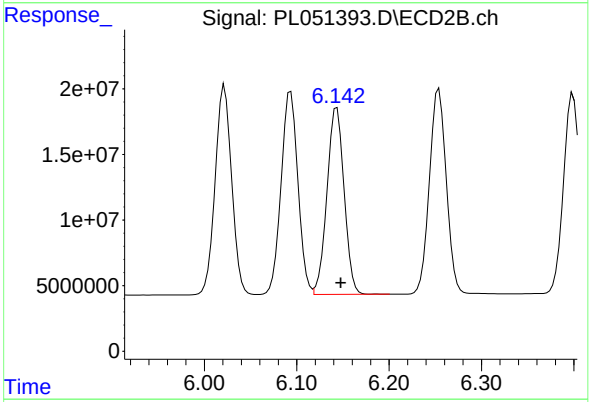
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 194116557
Conc: 50.75 ng/ml



#9 Endosulfan I

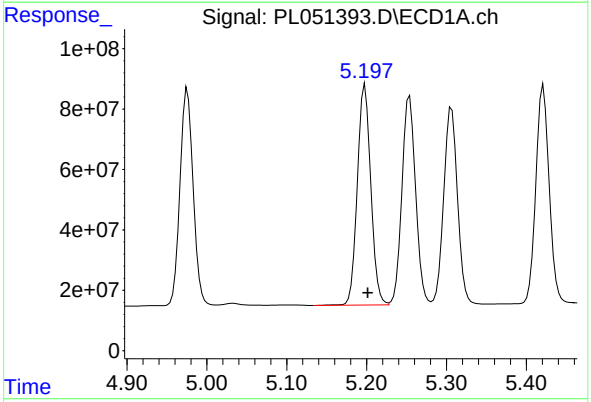
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 782558177
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



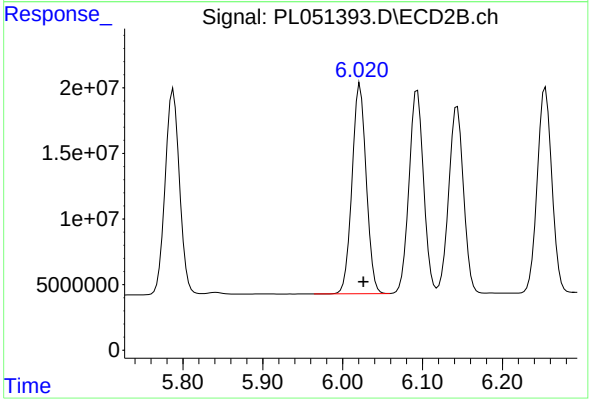
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 183512670
Conc: 53.36 ng/ml



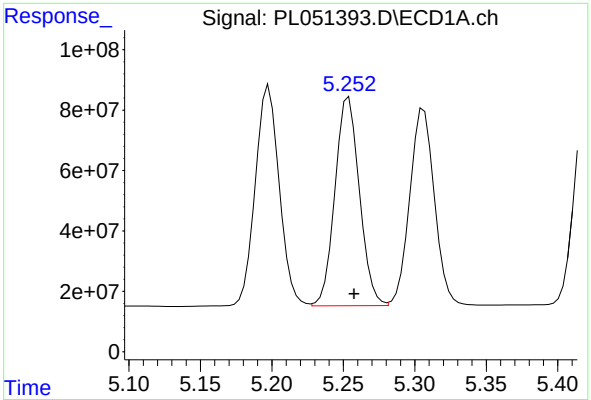
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 854902327
Conc: 54.17 ng/ml



#10 gamma-Chlordane

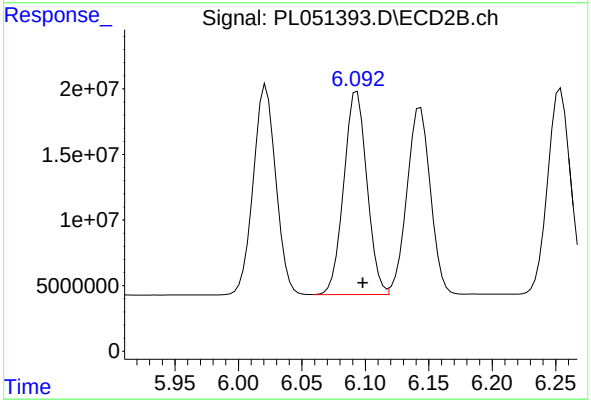
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 197874444
Conc: 53.55 ng/ml



#11 alpha-Chlordane

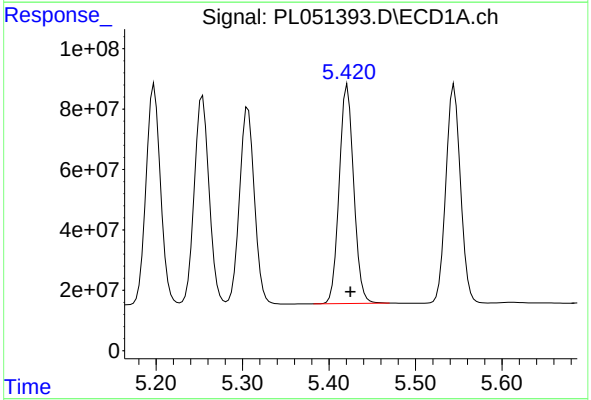
R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 823197027
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



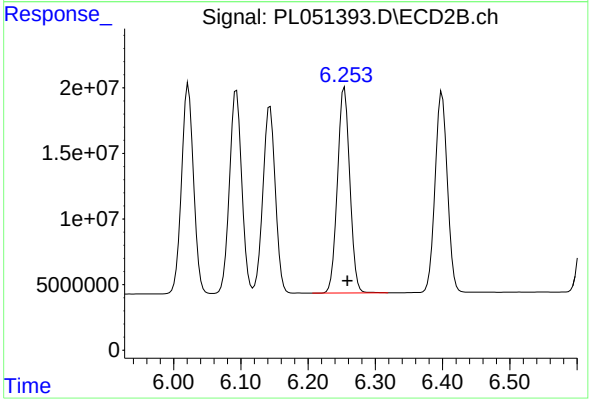
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 196459570
Conc: 53.60 ng/ml



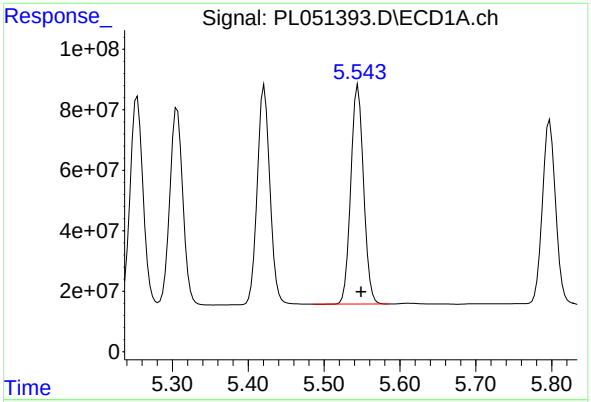
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.003 min
Response: 837088158
Conc: 55.86 ng/ml



#12 4,4'-DDE

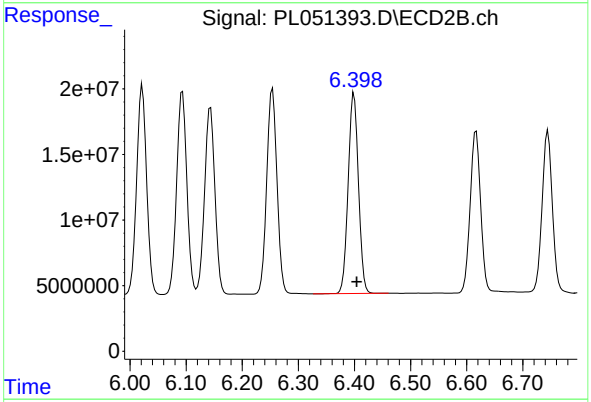
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 199272482
Conc: 55.30 ng/ml



#13 Dieldrin

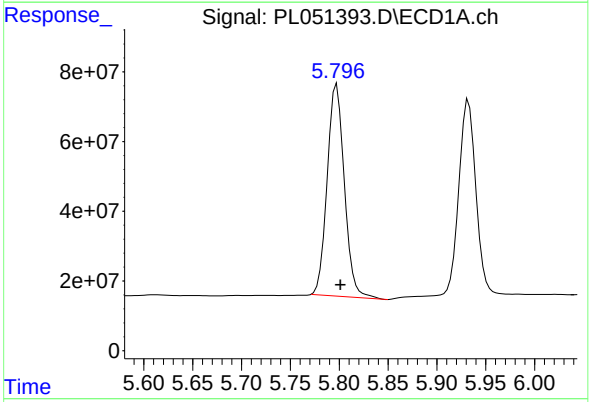
R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 848063303
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



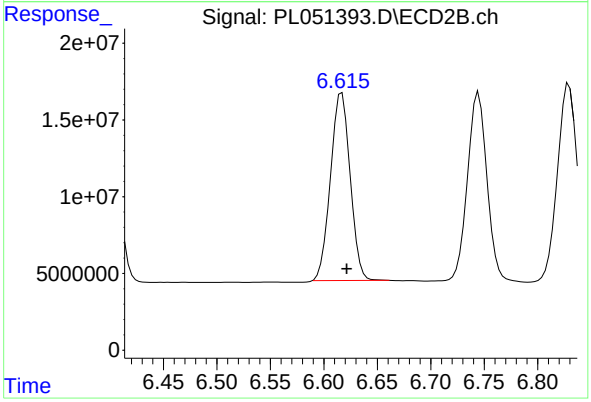
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 194327323
Conc: 54.88 ng/ml



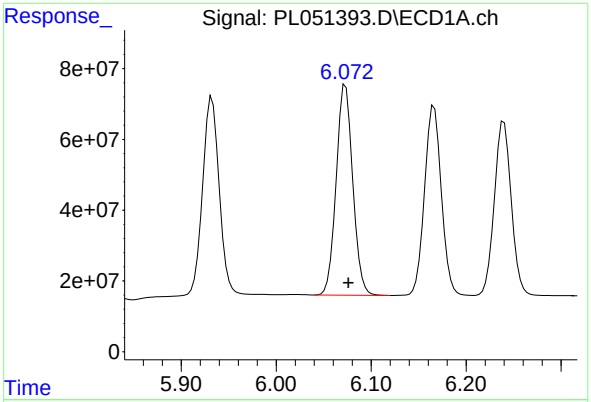
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 745473911
Conc: 50.64 ng/ml



#14 Endrin

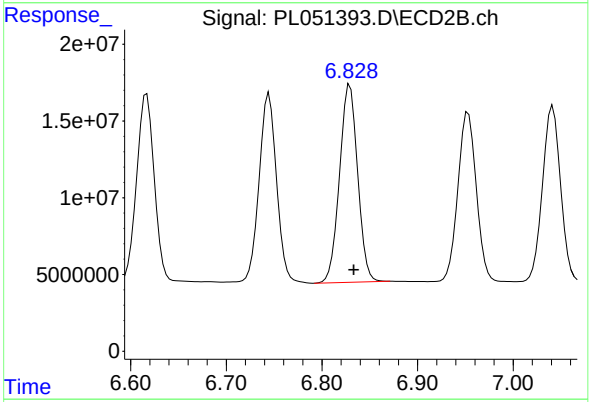
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 156649641
Conc: 50.51 ng/ml



#15 Endosulfan II

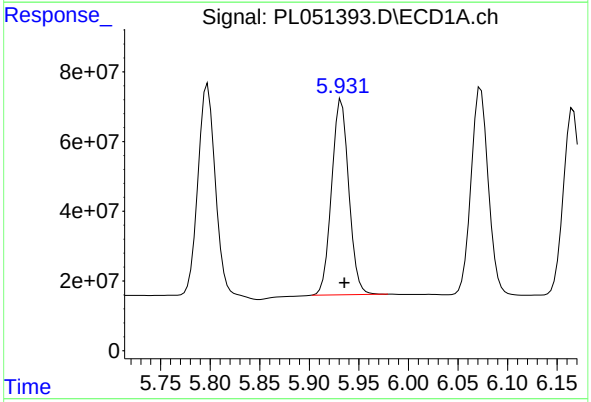
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 722855941
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



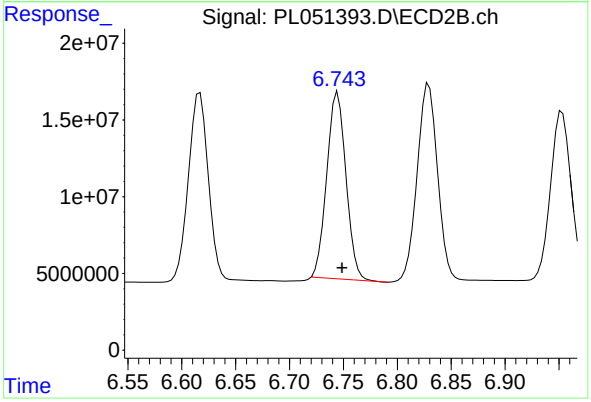
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 169943131
Conc: 53.46 ng/ml



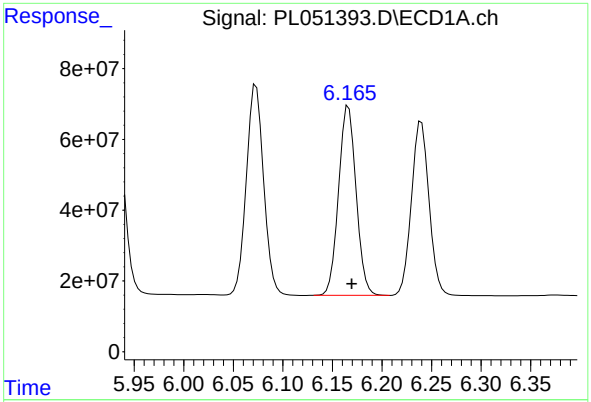
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 676775936
Conc: 56.47 ng/ml



#16 4,4'-DDD

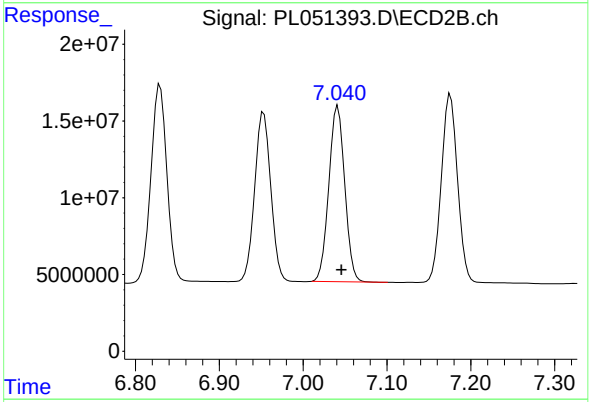
R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 150671420
Conc: 56.58 ng/ml



#17 4,4'-DDT

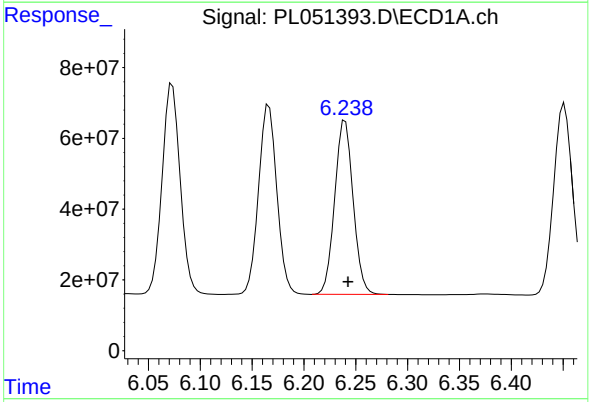
R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 658659102
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



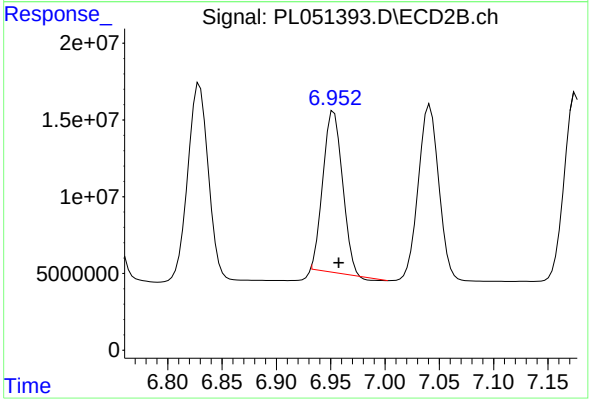
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 150927333
Conc: 55.91 ng/ml



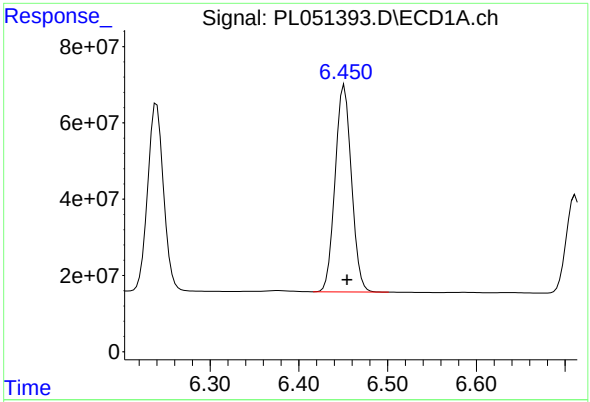
#18 Endrin aldehyde

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 608649278
Conc: 52.76 ng/ml



#18 Endrin aldehyde

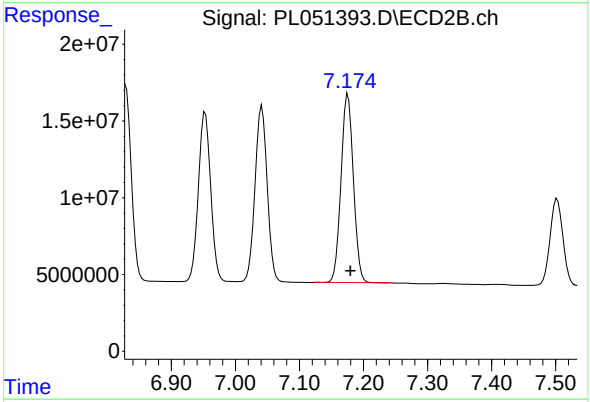
R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 130775069
Conc: 48.12 ng/ml



#19 Endosulfan Sulfate

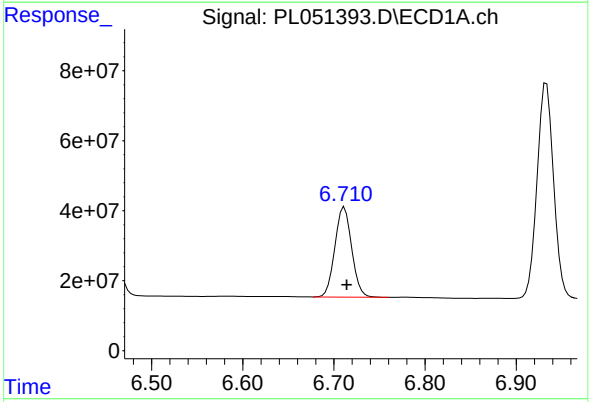
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 694188835
Conc: 54.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



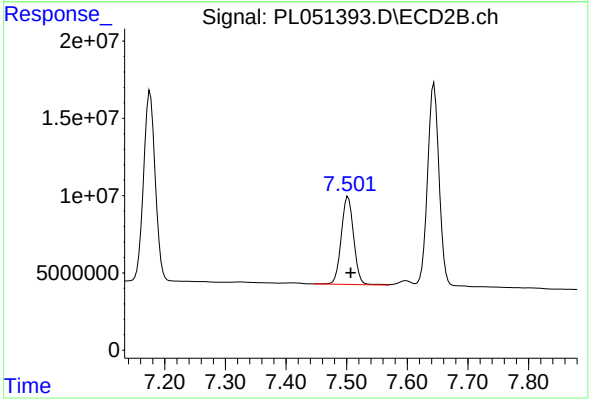
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 164289728
Conc: 56.88 ng/ml



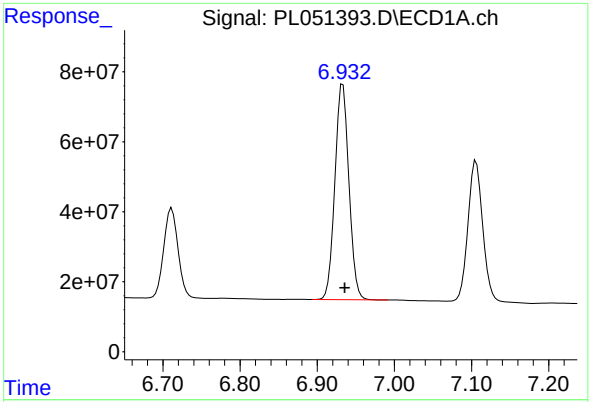
#20 Methoxychlor

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 329938069
Conc: 52.88 ng/ml



#20 Methoxychlor

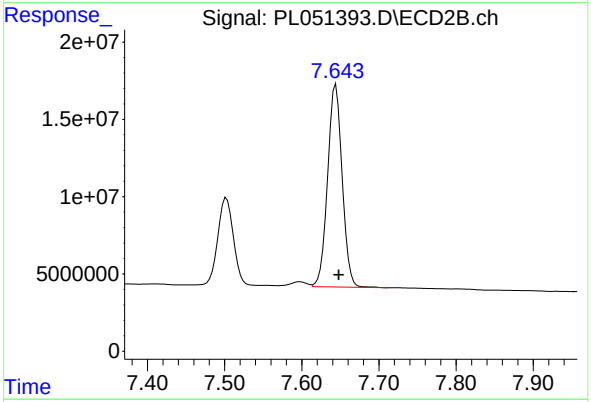
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 80750383
Conc: 55.03 ng/ml



#21 Endrin ketone

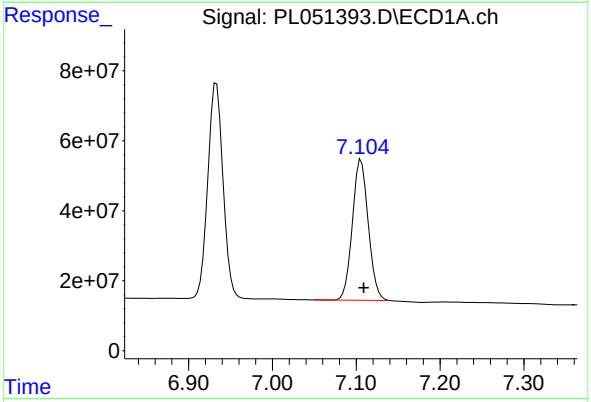
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 778581815
Conc: 56.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



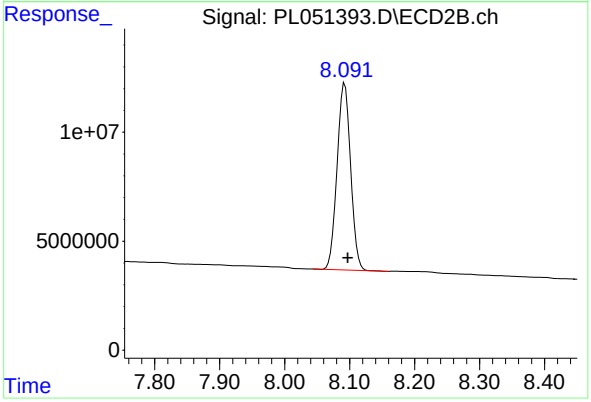
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 172392647
Conc: 59.63 ng/ml



#22 Mirex

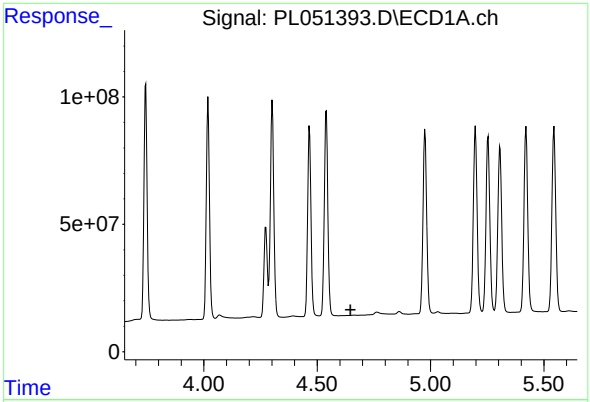
R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 531125193
Conc: 54.17 ng/ml



#22 Mirex

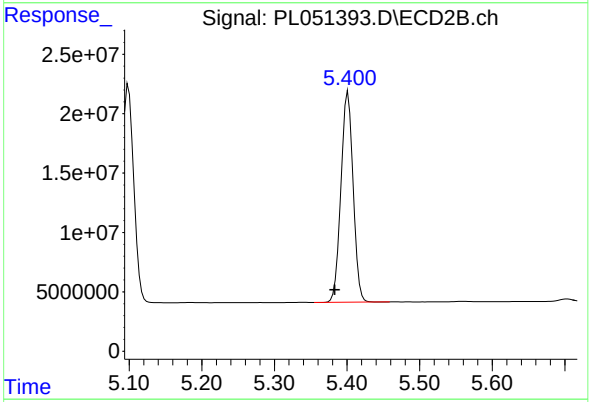
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 124232533
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



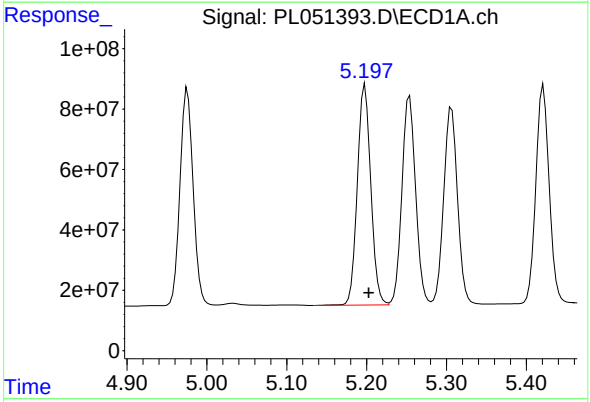
#24 Chlordane-2

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



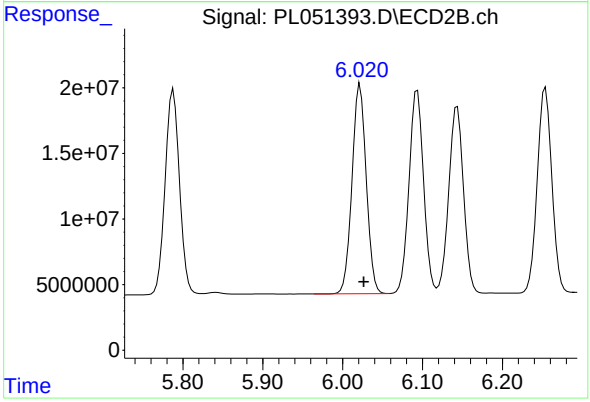
#24 Chlordane-2

R.T.: 5.401 min
Delta R.T.: 0.018 min
Response: 206727381
Conc: 1760.09 ng/ml



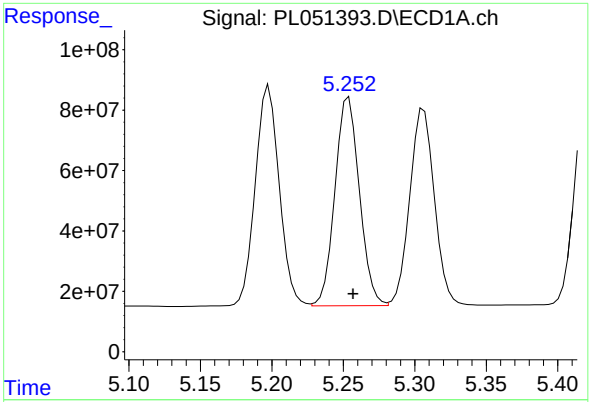
#25 Chlordane-3

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 854902327
Conc: 610.74 ng/ml



#25 Chlordane-3

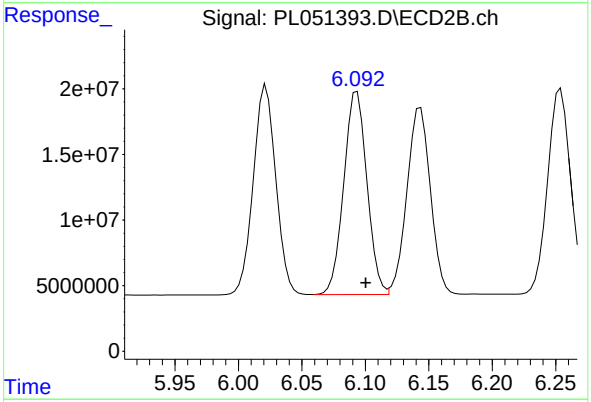
R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 197874444
Conc: 411.40 ng/ml



#26 Chlordane-4

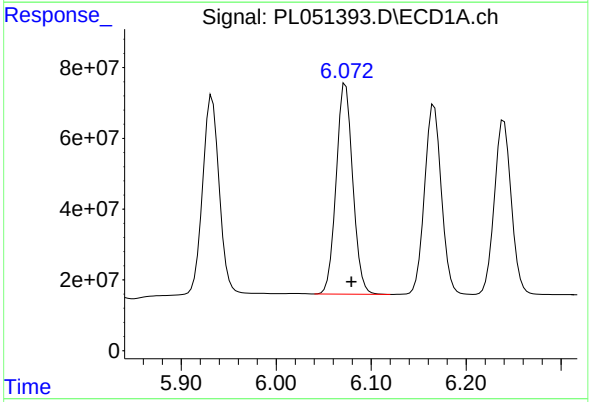
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 823197027
Conc: 624.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



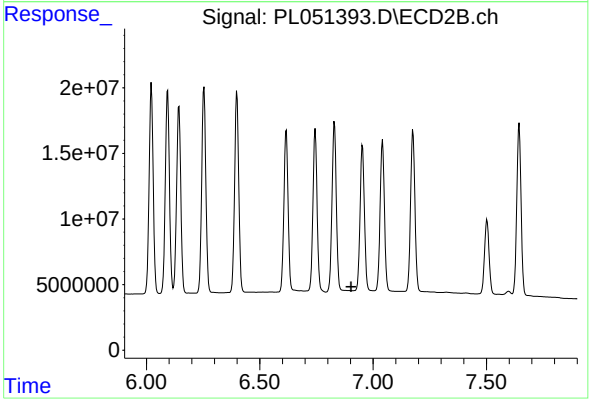
#26 Chlordane-4

R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 196459570
Conc: 338.19 ng/ml



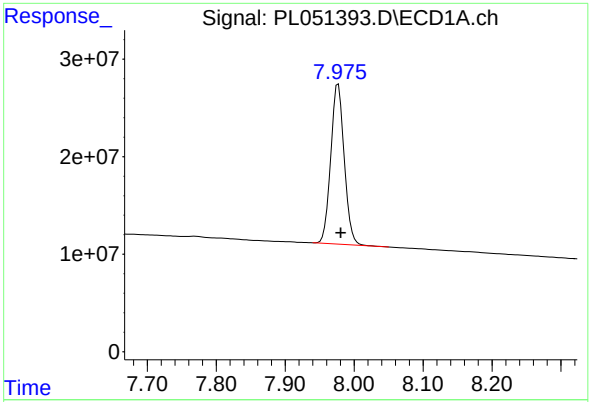
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 722855941
Conc: 1423.12 ng/ml



#27 Chlordane-5

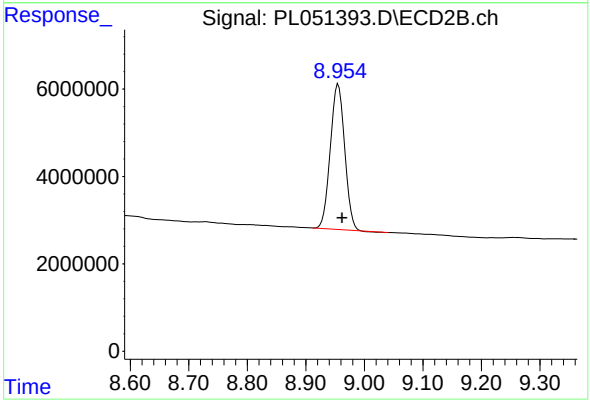
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: -0.004 min
Response: 222809813
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 03



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.006 min
Response: 56534189
Conc: 19.99 ng/ml