

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
 Data File : PL051490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 19:31
 Operator : SM\AJ
 Sample : K4340-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LS-SAMPLE-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:12:37 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...	3.316	3.927	210.4E6	58509777	20.942	20.507
28)	SA Decachlor...	7.976	8.955	153.4E6	39824970	15.152	14.083
Target Compounds							
2)	A alpha-BHC	3.743	4.315	1021.2E6	250.9E6	60.939	60.820
3)	MA gamma-BHC...	4.018	4.598	959.1E6	239.5E6	62.352	61.830
4)	MA Heptachlor	4.302	5.099	1002.0E6	244.5E6	61.071	58.967
5)	MB Aldrin	4.540	5.401	957.0E6	234.3E6	61.779	62.168
6)	B beta-BHC	4.273	4.775	406.6E6	109.5E6	62.017	63.360
7)	B delta-BHC	4.466	4.988	825.7E6	185.2E6	50.323	47.889
8)	B Heptachlo...	4.976	5.788	880.4E6	216.3E6	59.590	56.552
9)	A Endosulfan I	5.306	6.143	839.4E6	206.9E6	57.712	60.151
10)	B gamma-Chl...	5.198	6.022	909.6E6	216.2E6	57.633	58.500
11)	B alpha-Chl...	5.254	6.093	882.9E6	218.1E6	57.871	59.505
12)	B 4,4'-DDE	5.421	6.253	865.7E6	218.2E6	57.768	60.560
13)	MA Dieldrin	5.544	6.398	907.9E6	218.6E6	58.586	61.742
14)	MA Endrin	5.797	6.616	843.0E6	183.6E6	57.269	59.189
15)	B Endosulfa...	6.072	6.828	762.2E6	190.3E6	54.460	59.870
16)	A 4,4'-DDD	5.931	6.744	701.3E6	162.1E6	58.524	60.879
17)	MA 4,4'-DDT	6.165	7.041	683.4E6	164.8E6	55.177	61.034
18)	B Endrin al...	6.239	6.953	629.1E6	146.2E6	54.531	53.811
19)	B Endosulfa...	6.451	7.176	732.8E6	183.6E6	57.523	63.575
20)	A Methoxychlor	6.710	7.502	356.2E6	91825803	57.097	62.583
21)	B Endrin ke...	6.932	7.645	839.6E6	194.1E6	61.388	67.140
22)	Mirex	7.105	8.092	554.9E6	134.8E6	56.602	58.671
23)	Chlordane-1	4.167	0.000	3792349	0	10.307	N.D. #
24)	Chlordane-2	0.000	5.401f	0	234.3E6	N.D.	1994.587 #
25)	Chlordane-3	5.198	6.022	909.6E6	216.2E6	649.832	449.442 #
26)	Chlordane-4	5.254	6.093	882.9E6	218.1E6	669.363	375.434 #
27)	Chlordane-5	6.072	0.000	762.2E6	0	1500.507	N.D. #

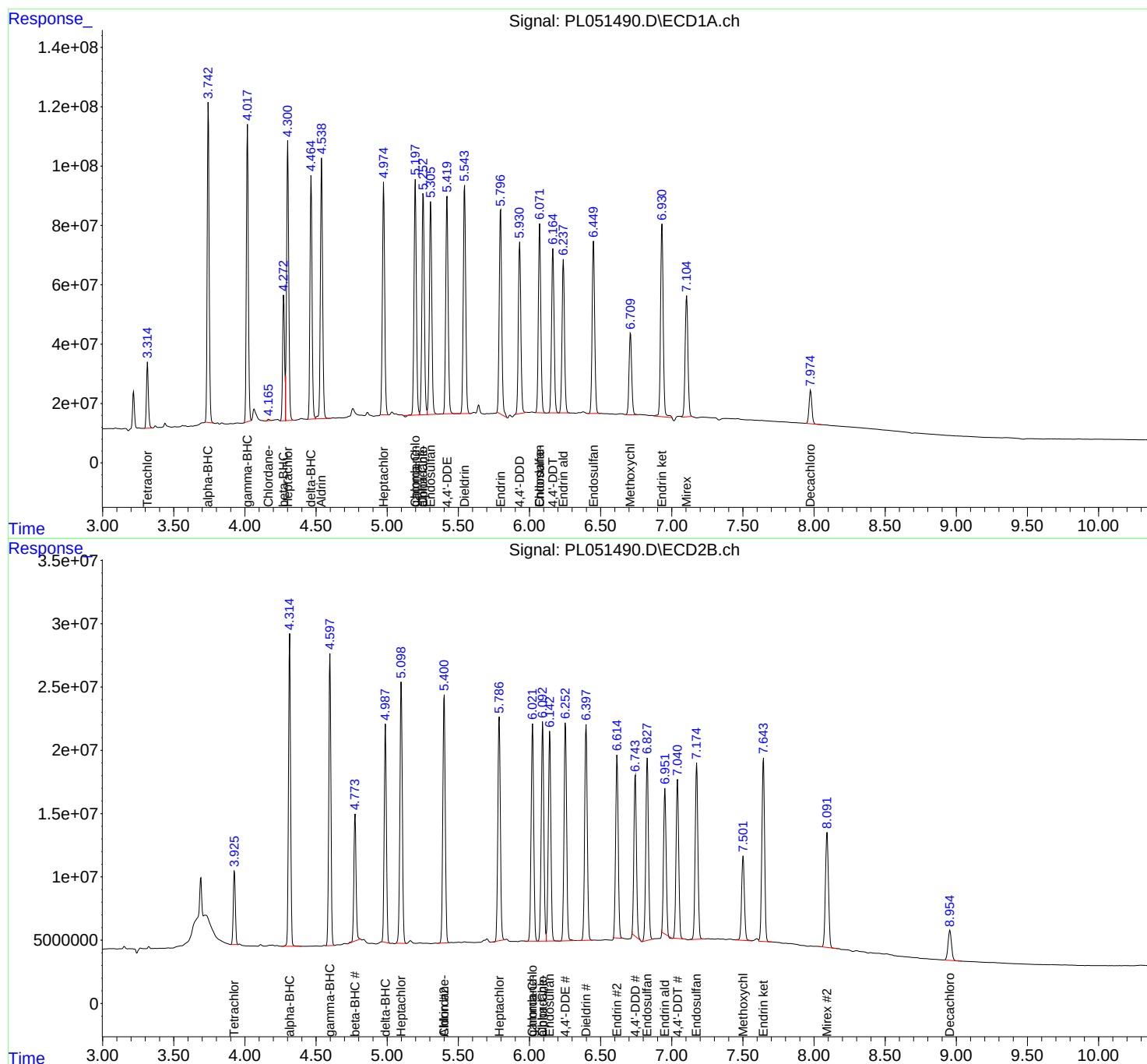
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

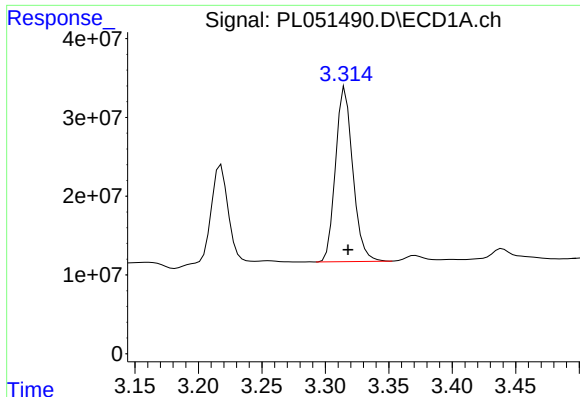
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
Data File : PL051490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2019 19:31
Operator : SM\AJ
Sample : K4340-03MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:12:37 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

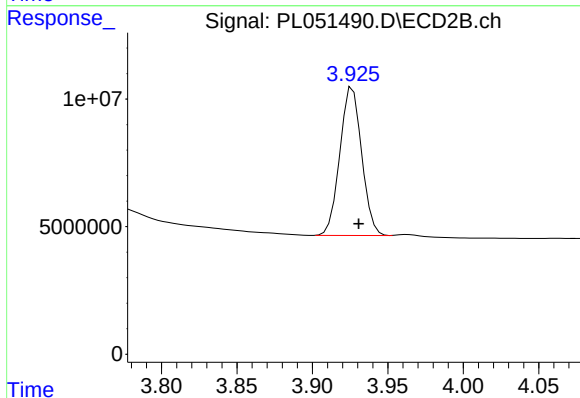




#1 Tetrachloro-m-xylene

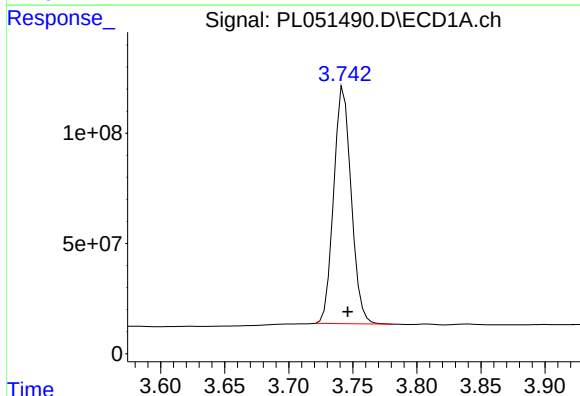
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 210419600
Conc: 20.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



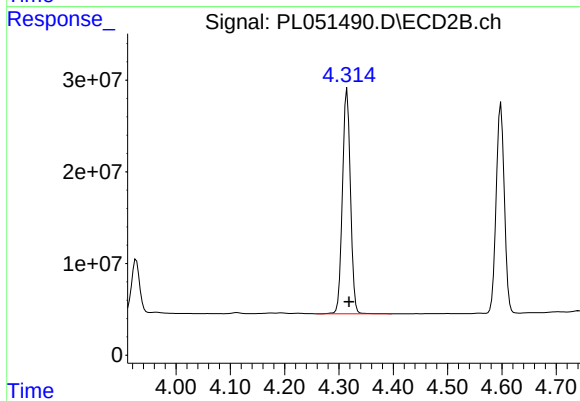
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 58509777
Conc: 20.51 ng/ml



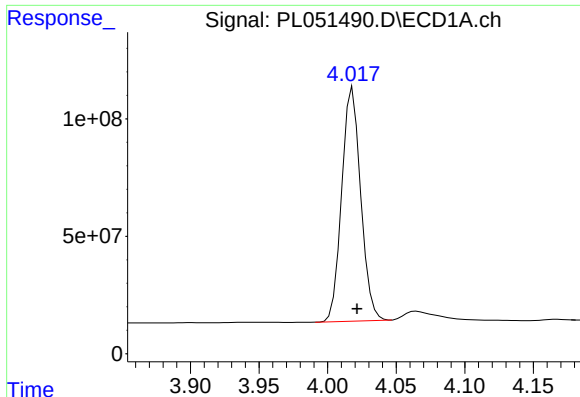
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 1021191120
Conc: 60.94 ng/ml



#2 alpha-BHC

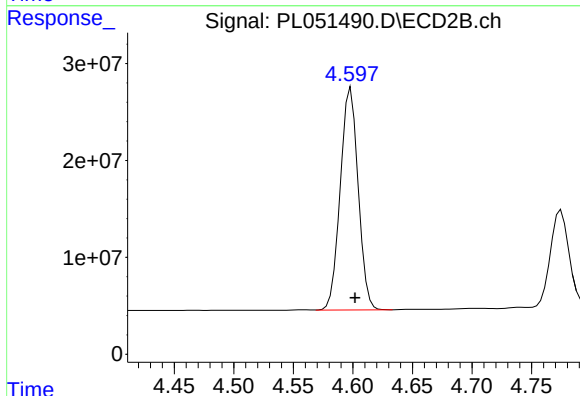
R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 250943380
Conc: 60.82 ng/ml



#3 gamma-BHC (Lindane)

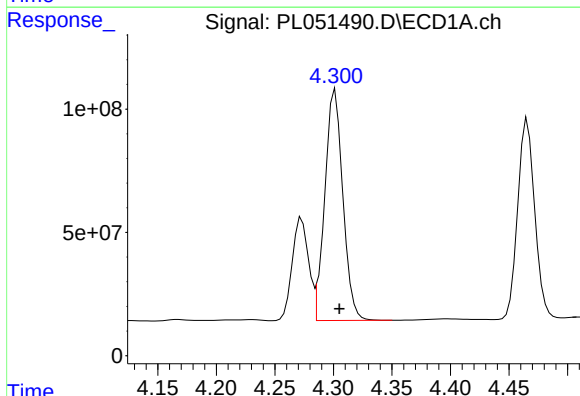
R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 959081123
Conc: 62.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



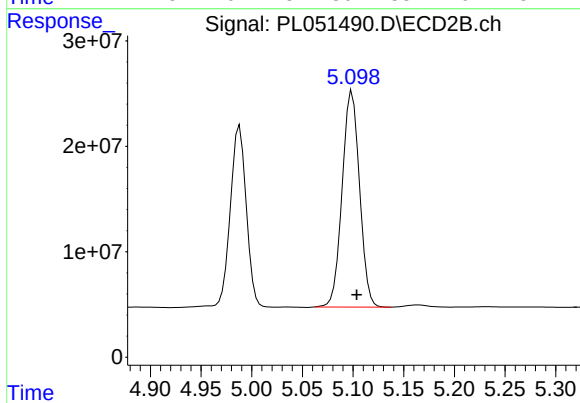
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 239480534
Conc: 61.83 ng/ml



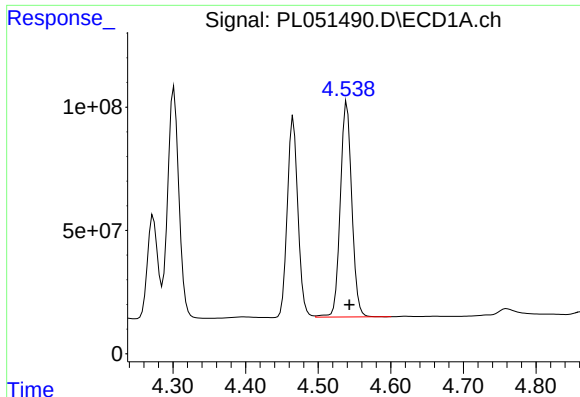
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 1002044637
Conc: 61.07 ng/ml



#4 Heptachlor

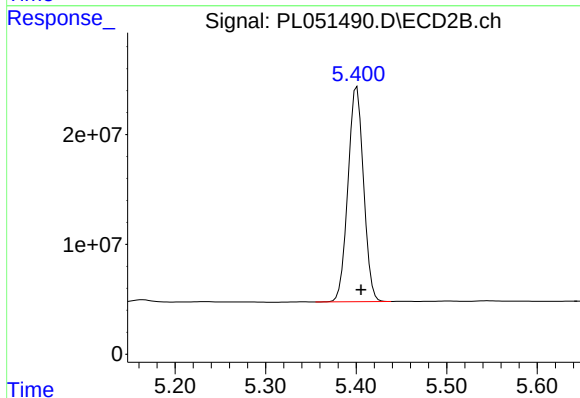
R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 244516369
Conc: 58.97 ng/ml



#5 Aldrin

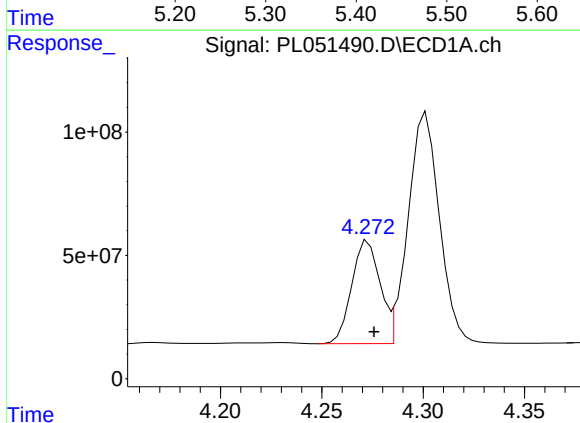
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 957046636
Conc: 61.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



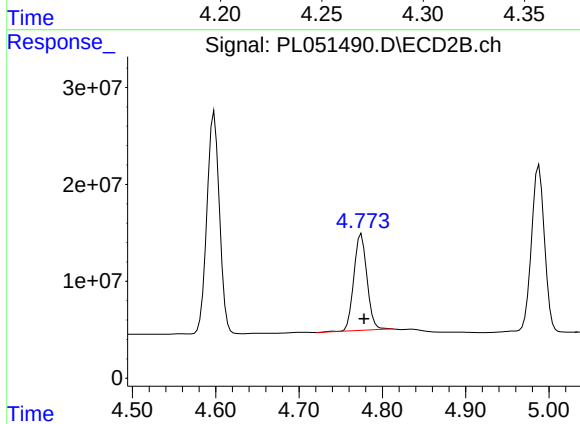
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 234269173
Conc: 62.17 ng/ml



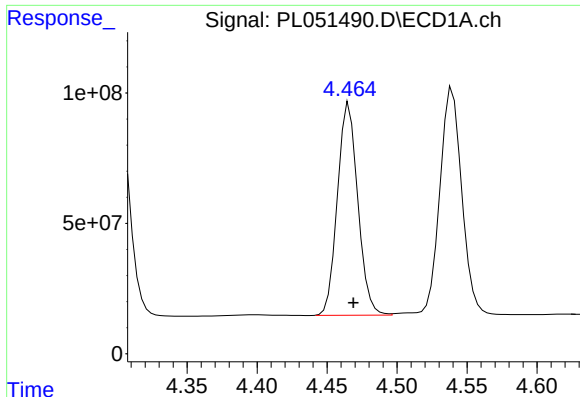
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 406571683
Conc: 62.02 ng/ml



#6 beta-BHC

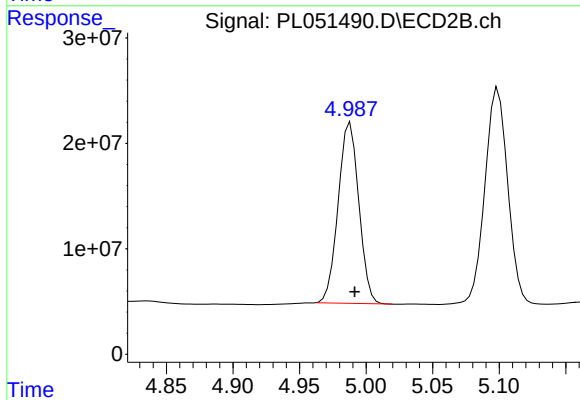
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 109540569
Conc: 63.36 ng/ml



#7 delta-BHC

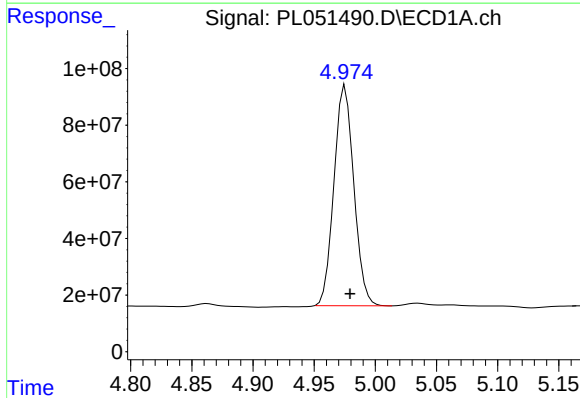
R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 825742331
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



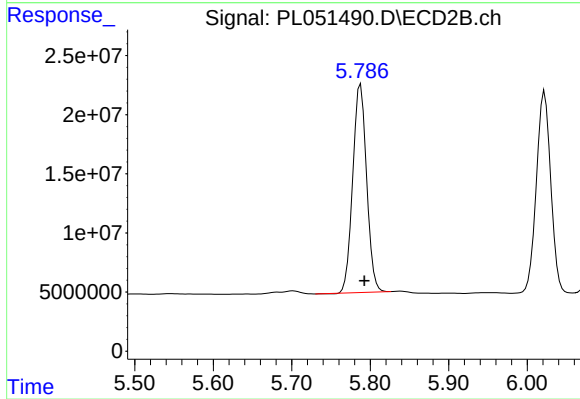
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 185215975
Conc: 47.89 ng/ml



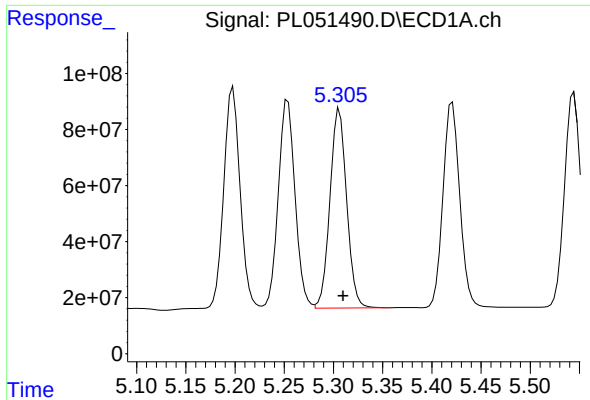
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 880357630
Conc: 59.59 ng/ml



#8 Heptachlor epoxide

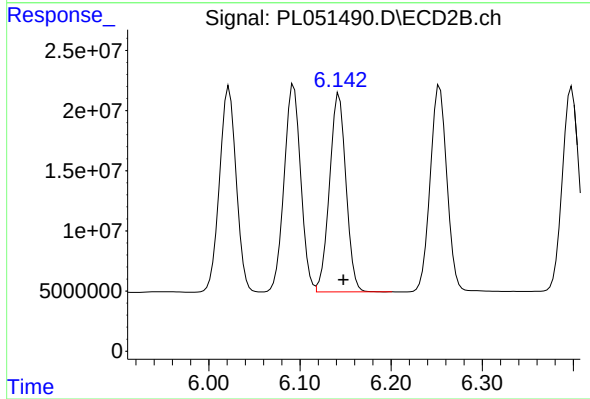
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 216300290
Conc: 56.55 ng/ml



#9 Endosulfan I

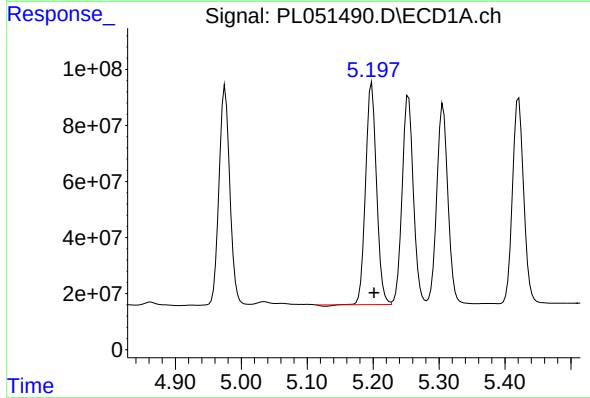
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 839358805
Conc: 57.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



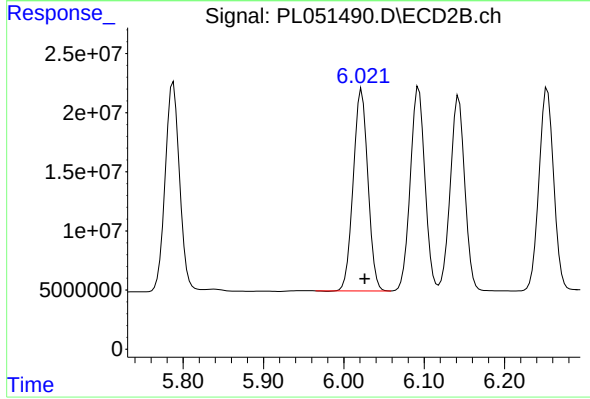
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 206851466
Conc: 60.15 ng/ml



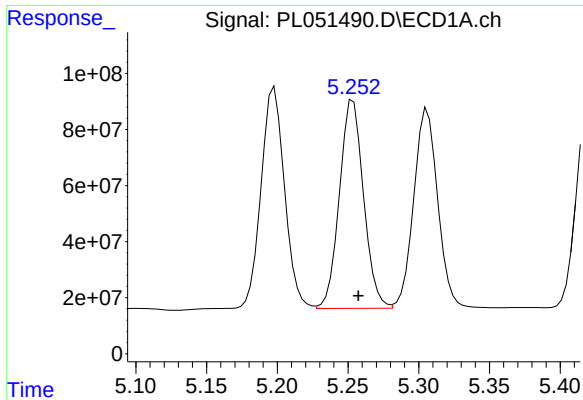
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 909627061
Conc: 57.63 ng/ml



#10 gamma-Chlordane

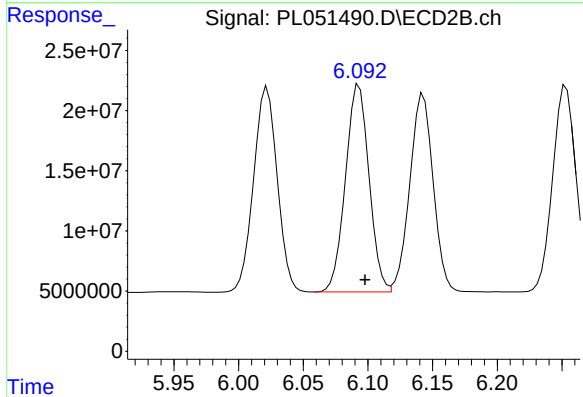
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 216172525
Conc: 58.50 ng/ml



#11 alpha-Chlordane

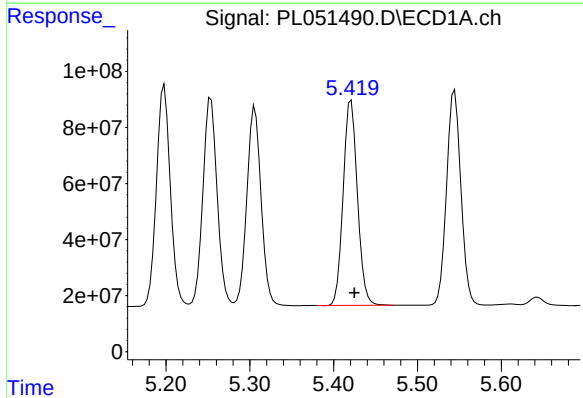
R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 882876290
Conc: 57.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



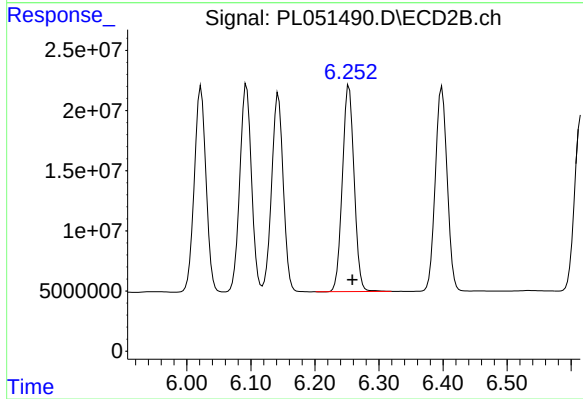
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 218096681
Conc: 59.51 ng/ml



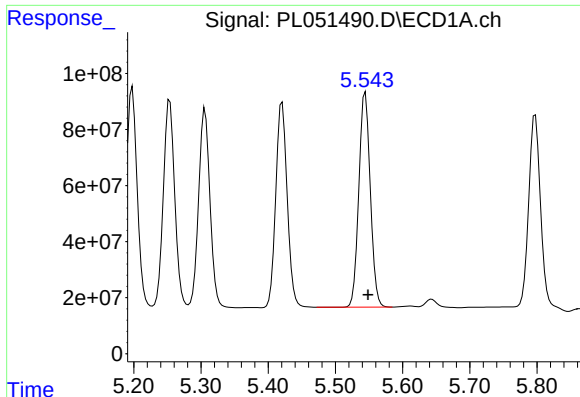
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 865698303
Conc: 57.77 ng/ml



#12 4,4'-DDE

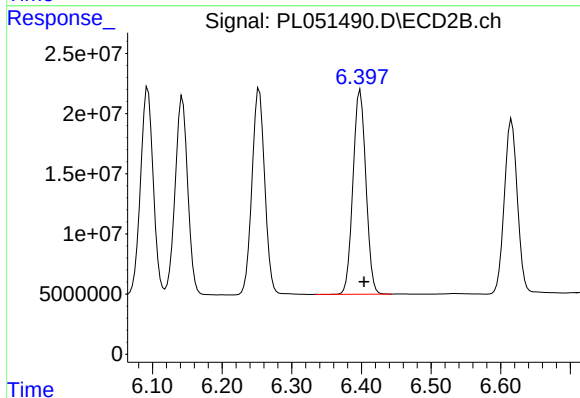
R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 218223254
Conc: 60.56 ng/ml



#13 Dieldrin

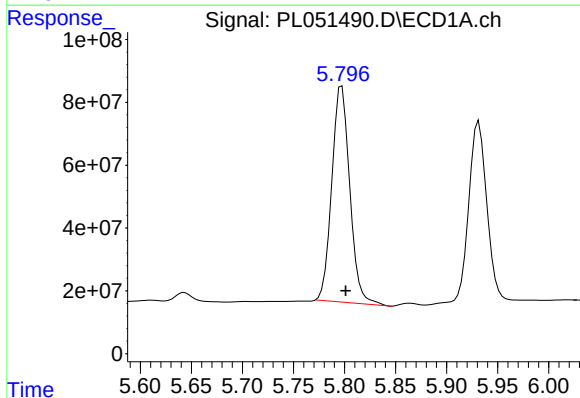
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 907890902
Conc: 58.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



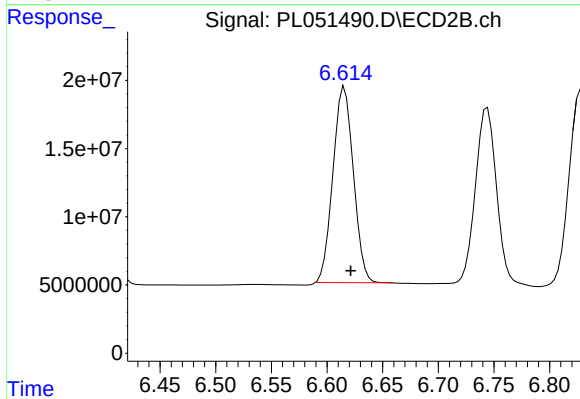
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: -0.006 min
Response: 218638666
Conc: 61.74 ng/ml



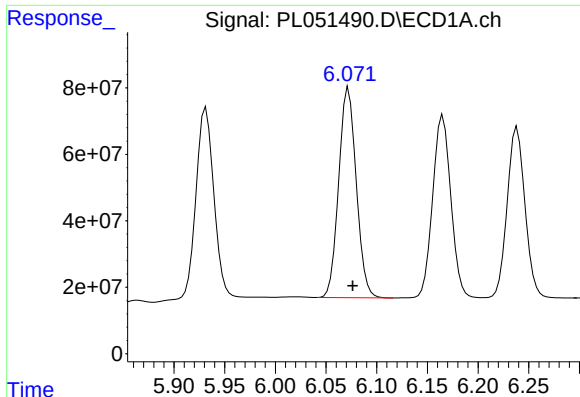
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 843031072
Conc: 57.27 ng/ml



#14 Endrin

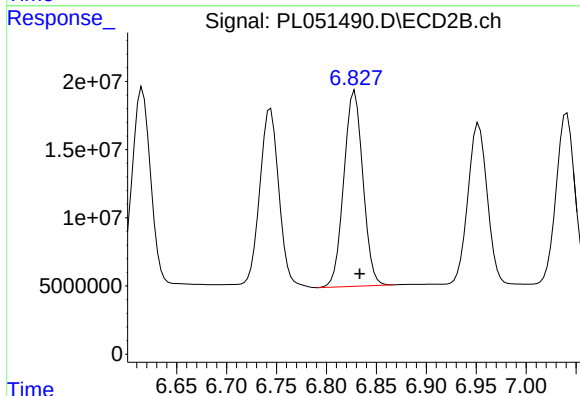
R.T.: 6.616 min
Delta R.T.: -0.006 min
Response: 183570784
Conc: 59.19 ng/ml



#15 Endosulfan II

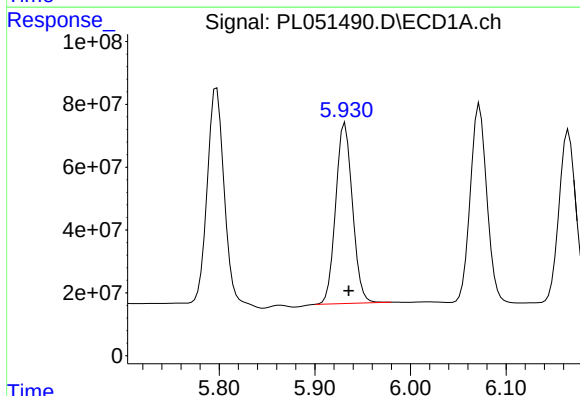
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 762163224
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



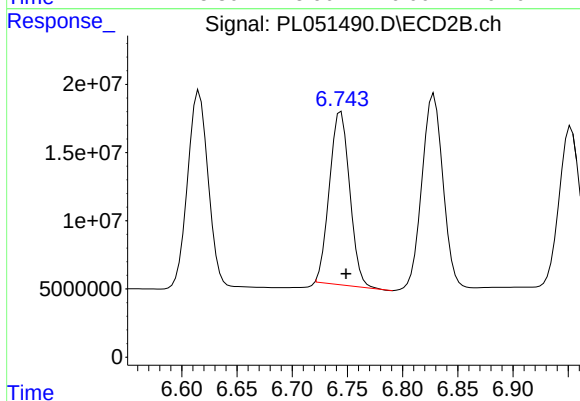
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.005 min
Response: 190338105
Conc: 59.87 ng/ml



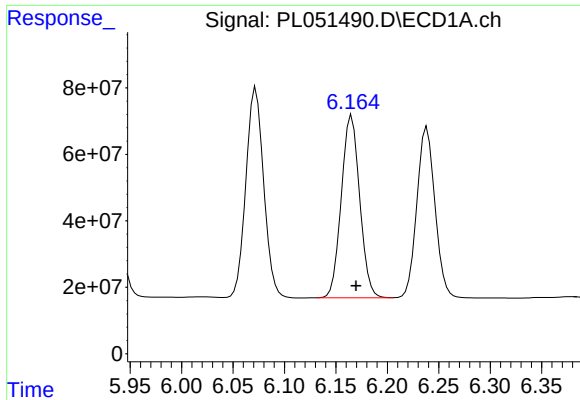
#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 701335774
Conc: 58.52 ng/ml



#16 4,4'-DDD

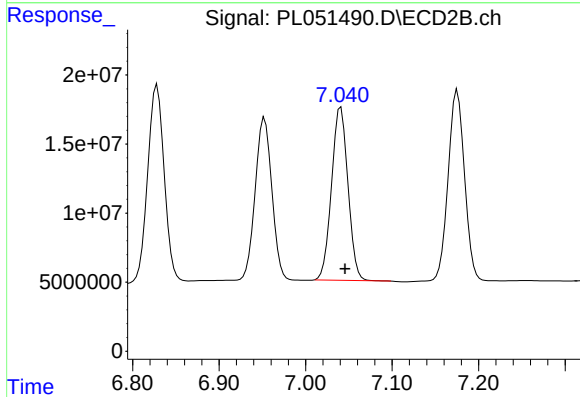
R.T.: 6.744 min
Delta R.T.: -0.005 min
Response: 162113460
Conc: 60.88 ng/ml



#17 4,4'-DDT

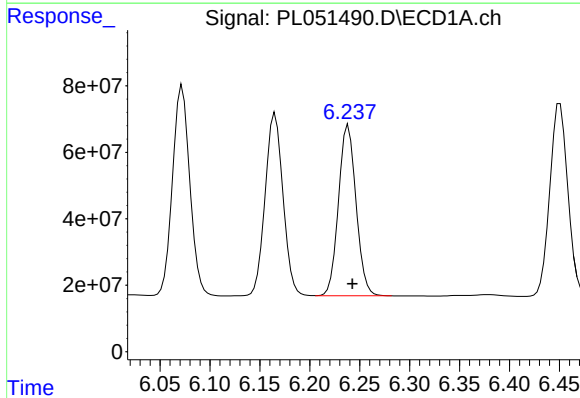
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 683413560
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



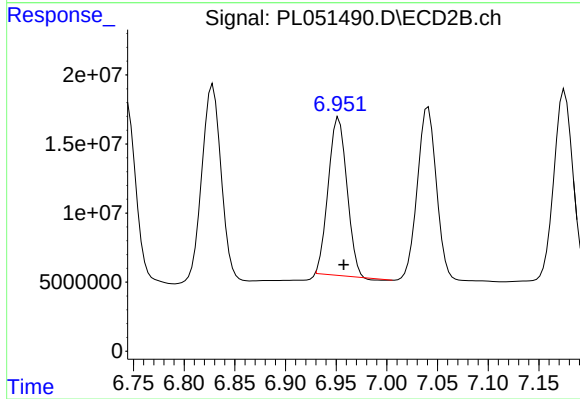
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 164766483
Conc: 61.03 ng/ml



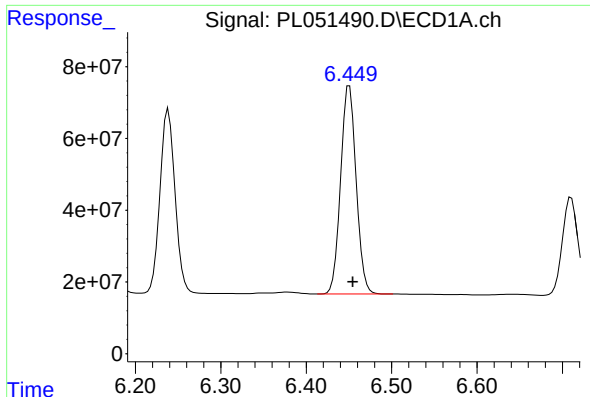
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 629089518
Conc: 54.53 ng/ml



#18 Endrin aldehyde

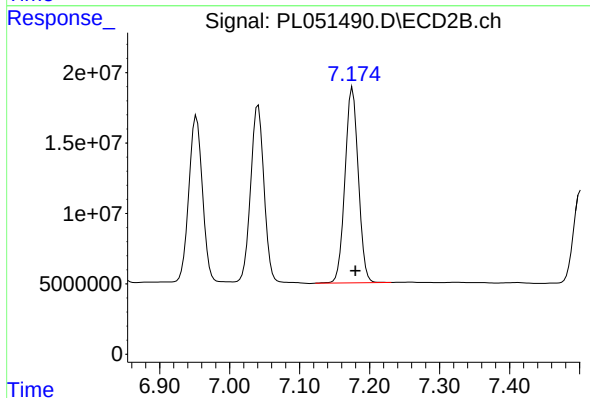
R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 146236933
Conc: 53.81 ng/ml



#19 Endosulfan Sulfate

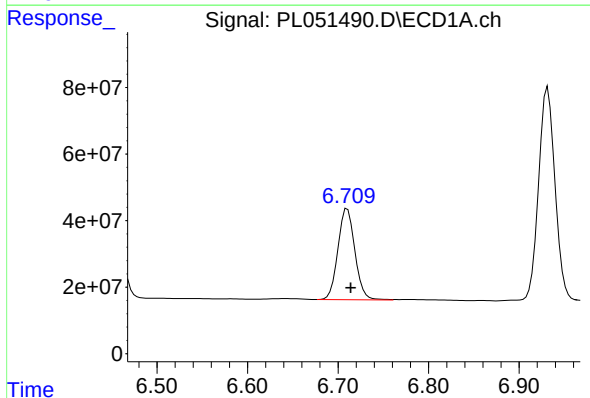
R.T.: 6.451 min
Delta R.T.: -0.004 min
Response: 732818104
Conc: 57.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



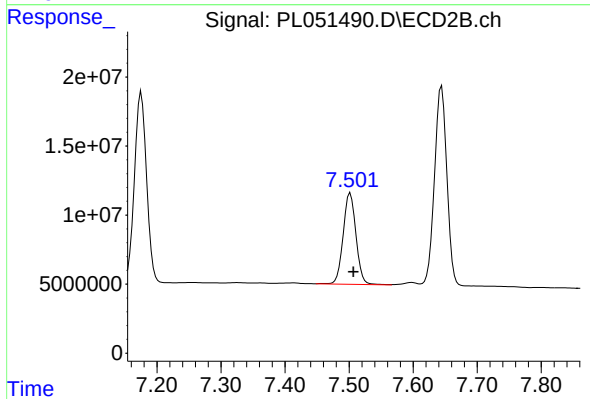
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 183619533
Conc: 63.57 ng/ml



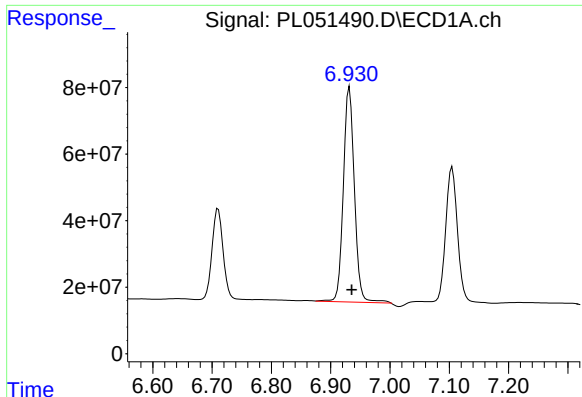
#20 Methoxychlor

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 356226558
Conc: 57.10 ng/ml



#20 Methoxychlor

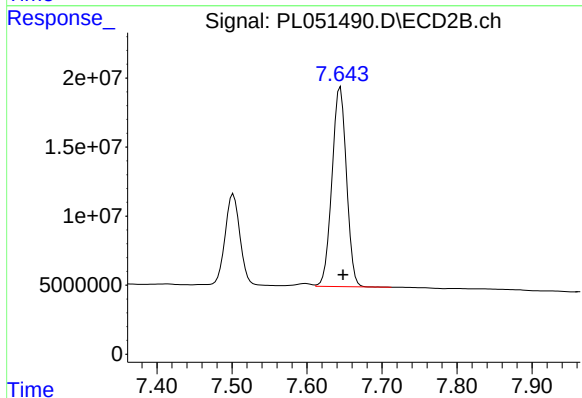
R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 91825803
Conc: 62.58 ng/ml



#21 Endrin ketone

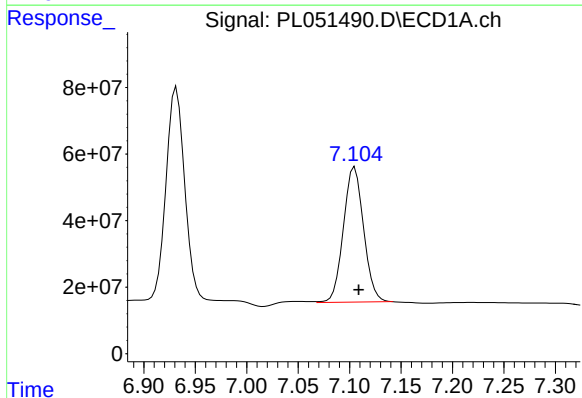
R.T.: 6.932 min
Delta R.T.: -0.004 min
Response: 839633257
Conc: 61.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



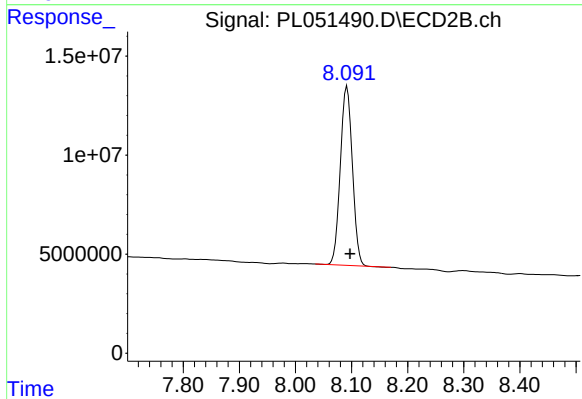
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 194120273
Conc: 67.14 ng/ml



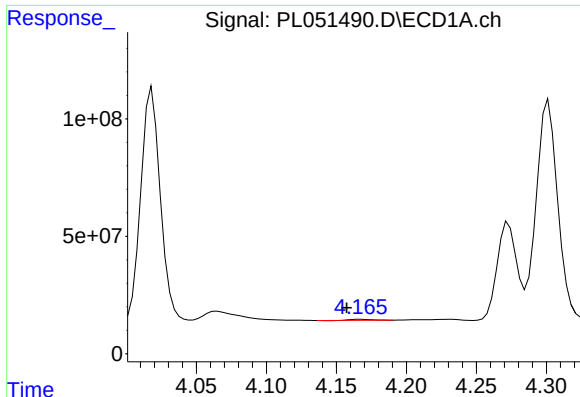
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 554942965
Conc: 56.60 ng/ml



#22 Mirex

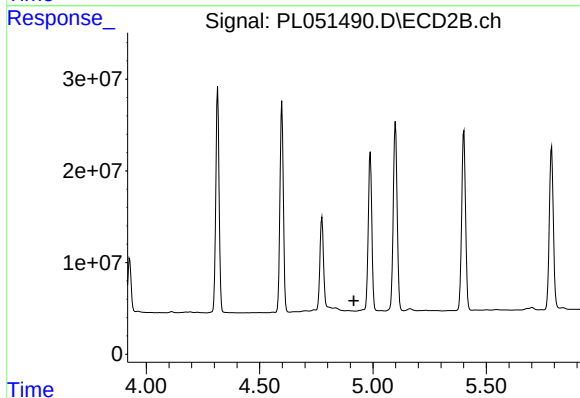
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 134767465
Conc: 58.67 ng/ml



#23 Chlordane-1

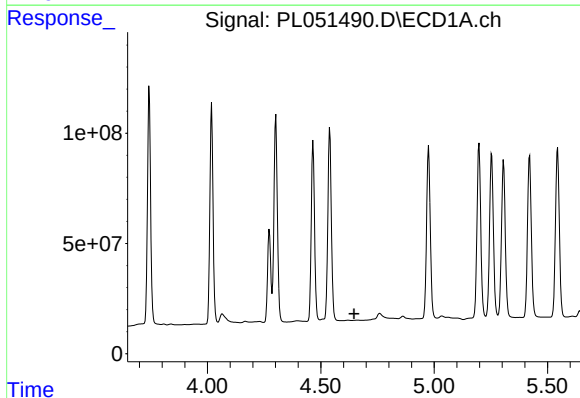
R.T.: 4.167 min
Delta R.T.: 0.010 min
Response: 3792349
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



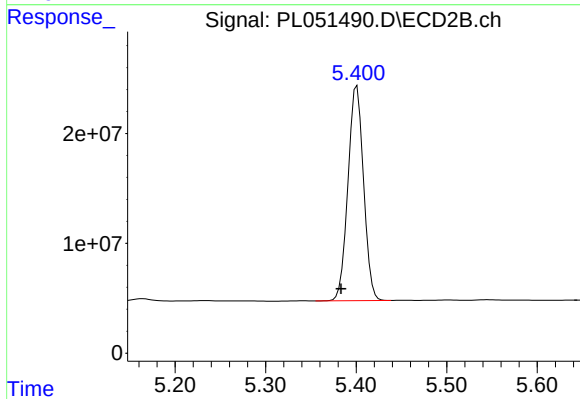
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



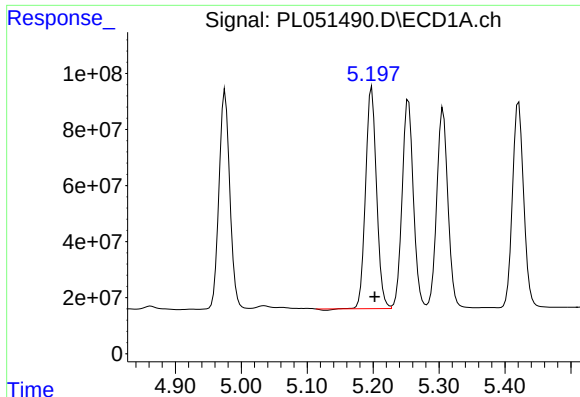
#24 Chlordane-2

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



#24 Chlordane-2

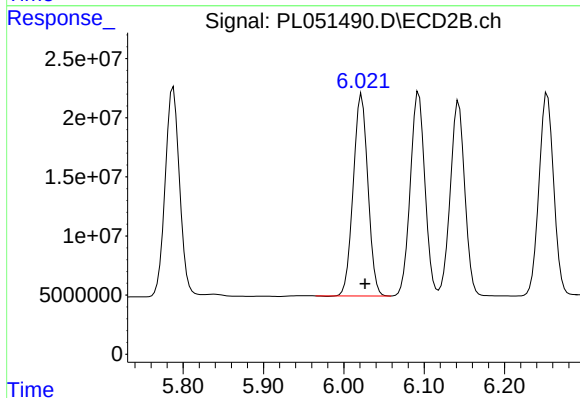
R.T.: 5.401 min
Delta R.T.: 0.018 min
Response: 234269173
Conc: 1994.59 ng/ml



#25 Chlordane-3

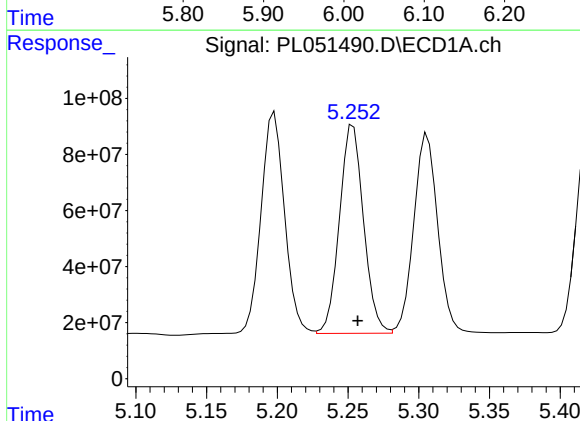
R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 909627061
Conc: 649.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



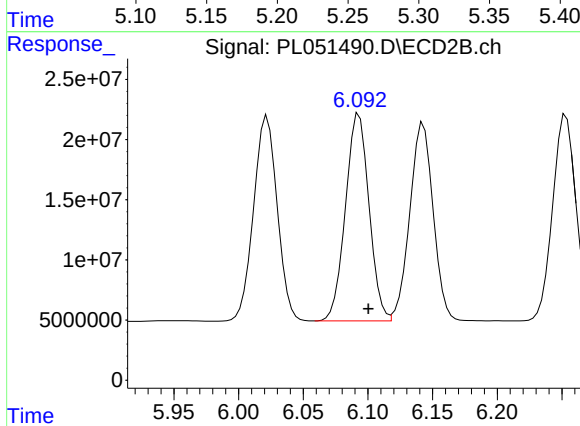
#25 Chlordane-3

R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 216172525
Conc: 449.44 ng/ml



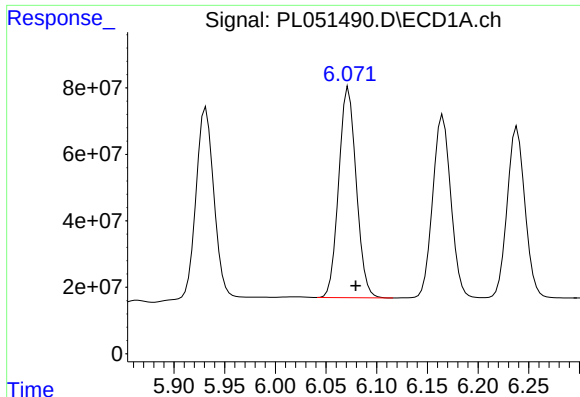
#26 Chlordane-4

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 882876290
Conc: 669.36 ng/ml



#26 Chlordane-4

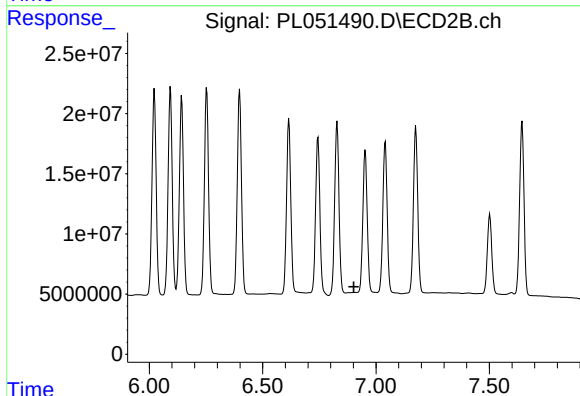
R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 218096681
Conc: 375.43 ng/ml



#27 Chlordane-5

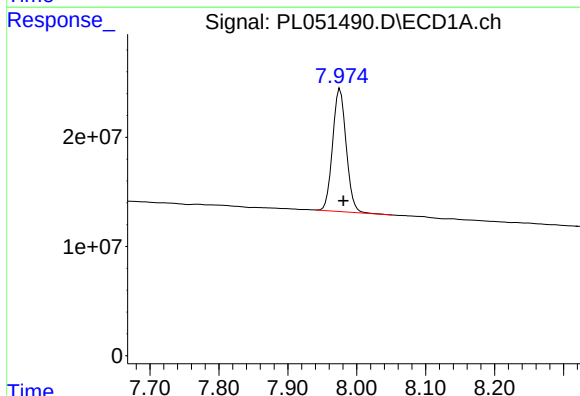
R.T.: 6.072 min
Delta R.T.: -0.007 min
Response: 762163224
Conc: 1500.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MSD



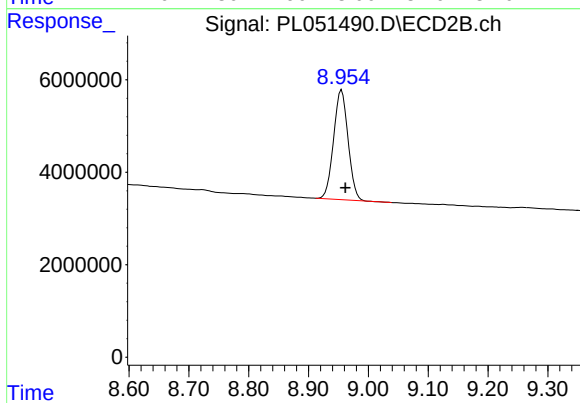
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 153417049
Conc: 15.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.006 min
Response: 39824970
Conc: 14.08 ng/ml