

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
 Data File : PL052064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2019 20:24
 Operator : SG\AJ
 Sample : K4601-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 T12-G1-G4-(0-2.7)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 22:51:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.313	3.924	160.1E6	40839097	18.702	18.692
28)	SA Decachlor...	7.971	8.949	149.5E6	36191778	12.318	11.890
Target Compounds							
2)	A alpha-BHC	0.000	4.336f	0	3295276	N.D.	1.023 #
3)	MA gamma-BHC...	4.024	4.615f	15330925	996064	1.165	0.316 #
4)	MA Heptachlor	4.291	0.000	6147072	0	0.406	N.D. #
5)	MB Aldrin	4.516f	5.425f	12519373	1197907	0.866	0.365 #
6)	B beta-BHC	4.291f	4.795f	6147072	1853783	1.077	1.272
7)	B delta-BHC	0.000	4.978	0	1577275	N.D.	0.504 #
8)	B Heptachlo...	0.000	5.778	0	10626308	N.D.	3.149 #
9)	A Endosulfan I	5.334f	6.119f	29767006	651015	2.214	0.201 #
10)	B gamma-Chl...	5.217f	6.013	9300512	3768250	0.623	1.032 #
11)	B alpha-Chl...	5.240	6.119f	11226517	651015	0.776	0.189 #
12)	B 4,4'-DDE	0.000	6.249	0	3700211	N.D.	1.051 #
13)	MA Dieldrin	5.541	6.389	40636722	20318885	2.673	5.933 #
14)	MA Endrin	5.800	6.607	27723582	13311181	1.901	4.401 #
15)	B Endosulfa...	6.055f	6.808f	15478365	8856236	1.112	2.687 #
16)	A 4,4'-DDD	0.000	6.743	0	37172895	N.D.	13.730 #
17)	MA 4,4'-DDT	6.156	0.000	183.2E6	0	14.368	N.D. #
18)	B Endrin al...	6.249	6.961	86935249	5989991	7.473	2.119 #
19)	B Endosulfa...	6.438	0.000	110.7E6	0	8.509	N.D. #
20)	A Methoxychlor	6.685f	7.477f	366.1E6	1329479	53.996	0.793 #
21)	B Endrin ke...	6.954f	0.000	42586351	0	3.010	N.D. #
22)	Mirex	0.000	8.101	0	2676224	N.D.	1.100 #
23)	Chlordane-1	4.164	4.904	6683500	892942	20.745	9.847 #
25)	Chlordane-3	5.217	6.013	9300512	3768250	7.163	8.458
26)	Chlordane-4	5.240f	6.119f	11226517	651015	9.207	1.199 #
27)	Chlordane-5	6.055f	6.914f	15478365	809654	31.542	8.213 #

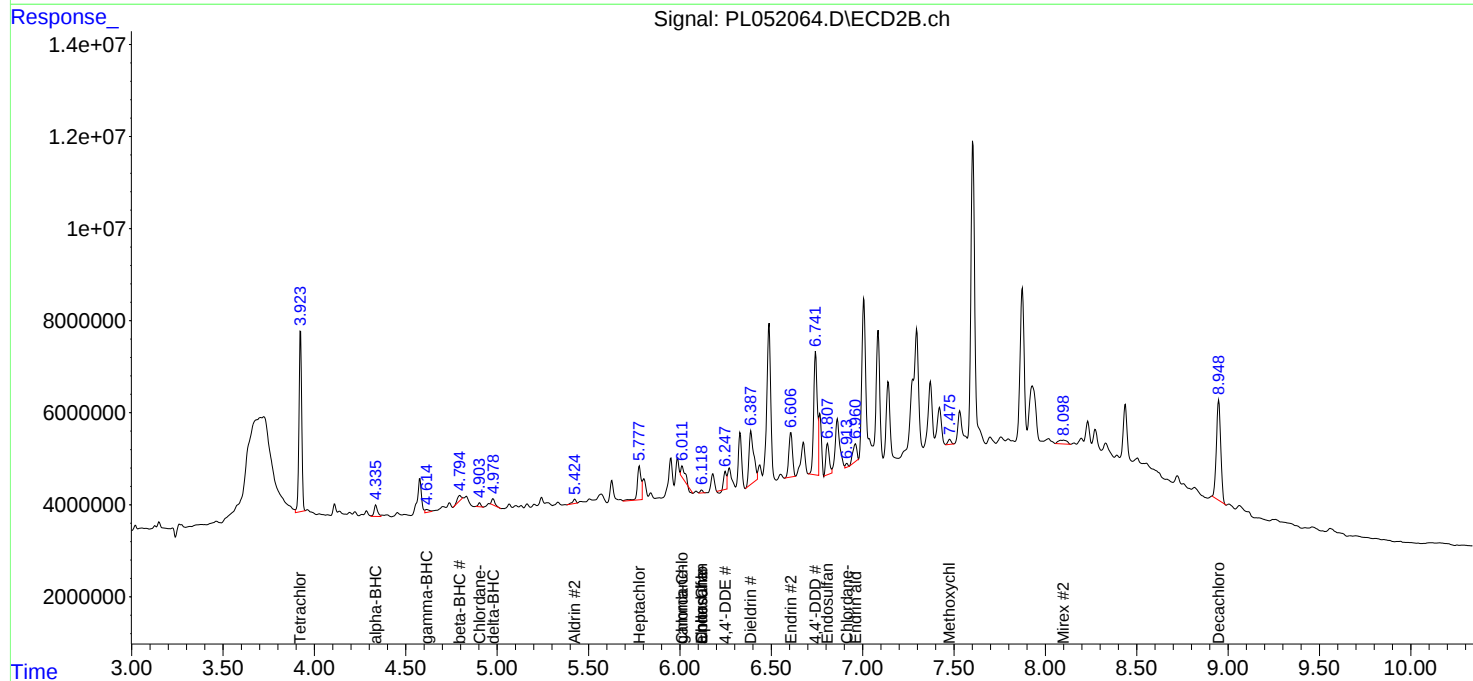
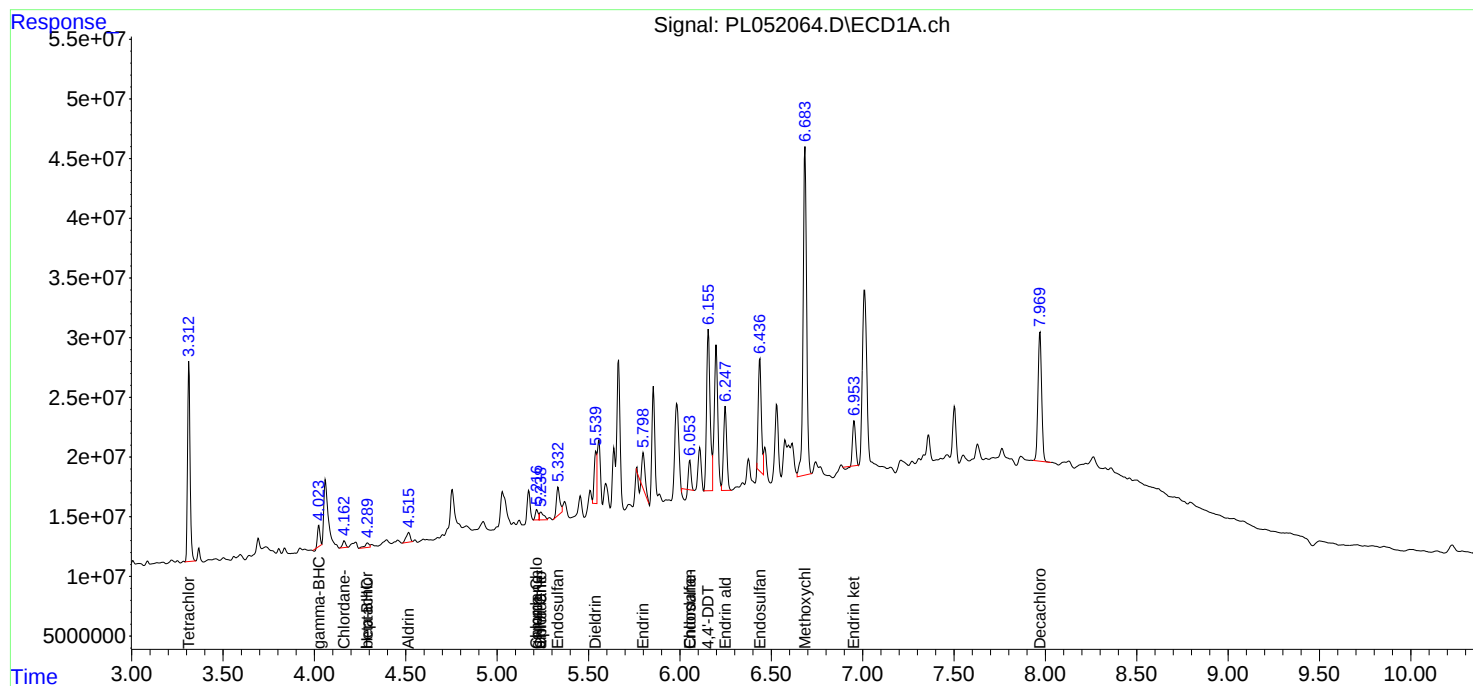
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

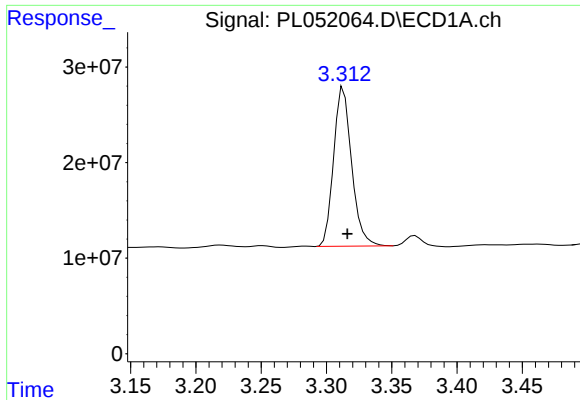
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
Data File : PL052064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2019 20:24
Operator : SG\AJ
Sample : K4601-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
T12-G1-G4-(0-2.7)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 22:51:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
Quant Title : GC Extractables
QLast Update : Mon Aug 19 18:03:07 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

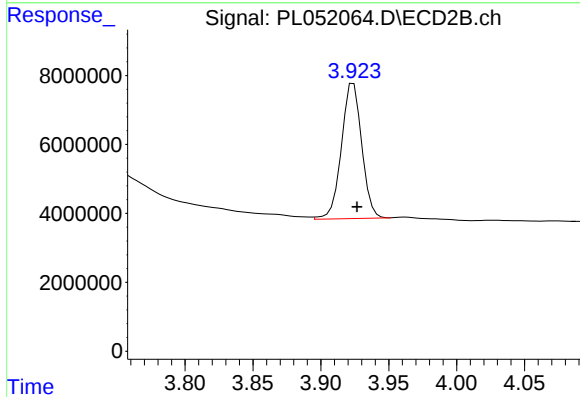




#1 Tetrachloro-m-xylene

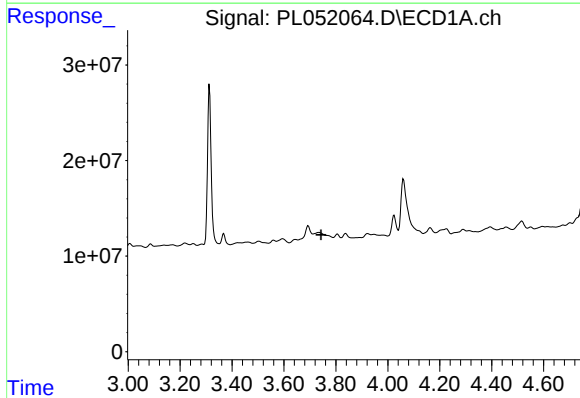
R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 160061500
Conc: 18.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



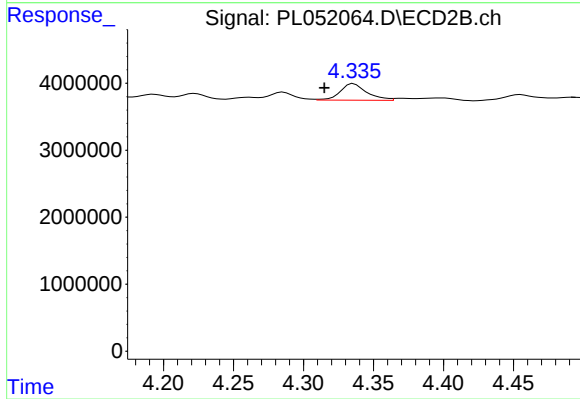
#1 Tetrachloro-m-xylene

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 40839097
Conc: 18.69 ng/ml



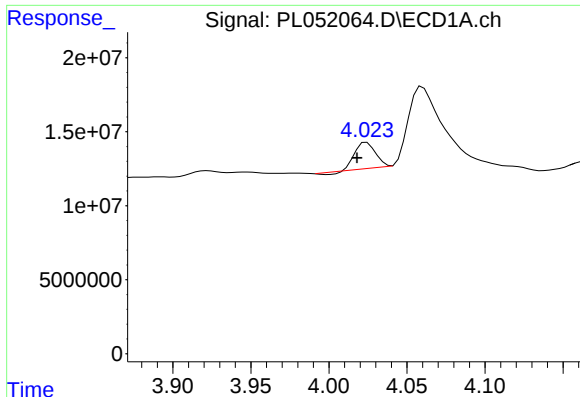
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.743 min
Response: 0
Conc: N.D.



#2 alpha-BHC

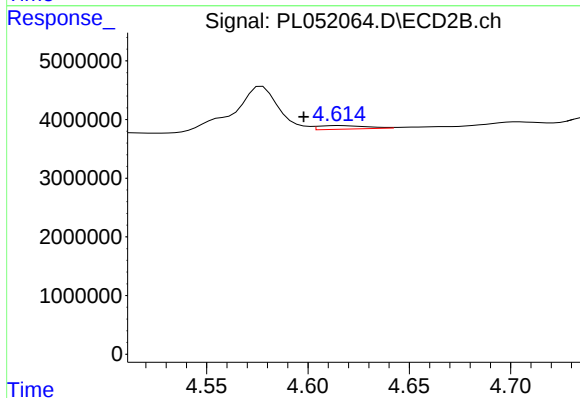
R.T.: 4.336 min
Delta R.T.: 0.021 min
Response: 3295276
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

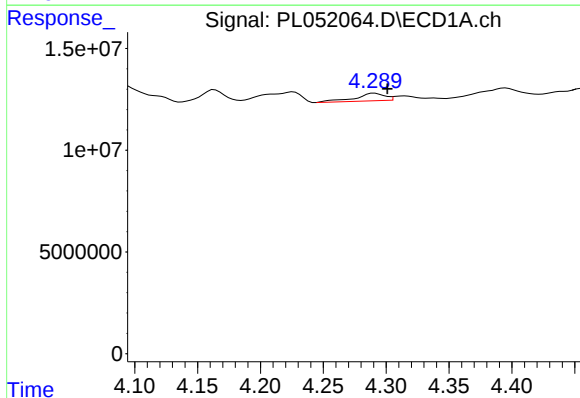
R.T.: 4.024 min
Delta R.T.: 0.006 min
Response: 15330925
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



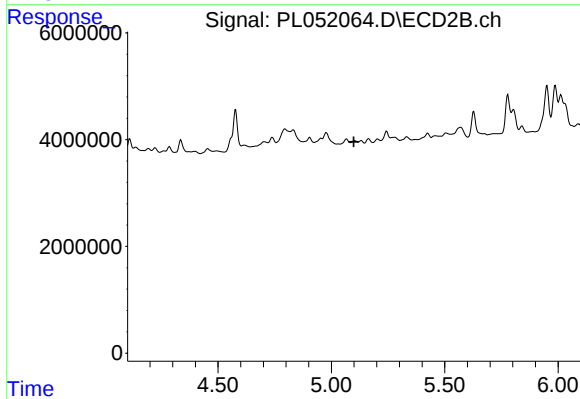
#3 gamma-BHC (Lindane)

R.T.: 4.615 min
Delta R.T.: 0.017 min
Response: 996064
Conc: 0.32 ng/ml



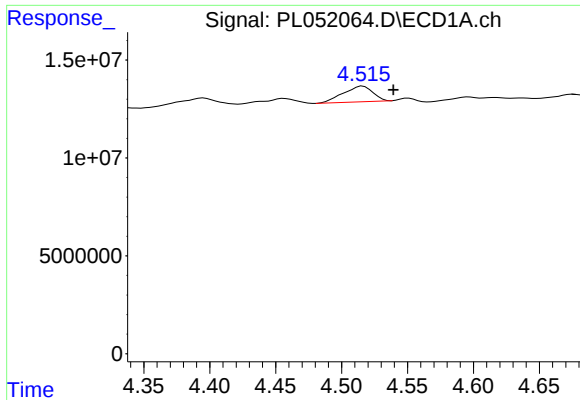
#4 Heptachlor

R.T.: 4.291 min
Delta R.T.: -0.010 min
Response: 6147072
Conc: 0.41 ng/ml



#4 Heptachlor

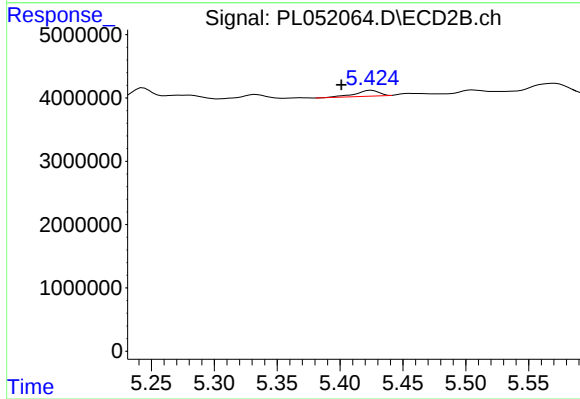
R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.



#5 Aldrin

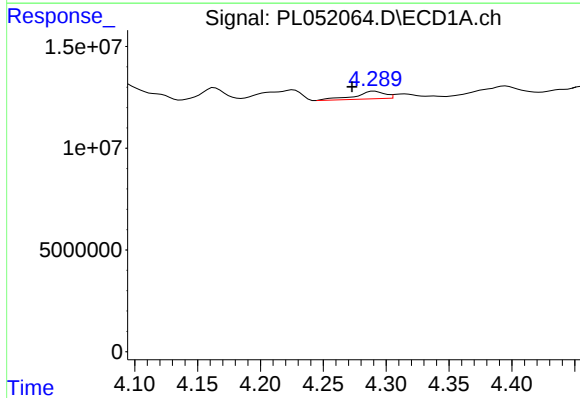
R.T.: 4.516 min
Delta R.T.: -0.023 min
Response: 12519373
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



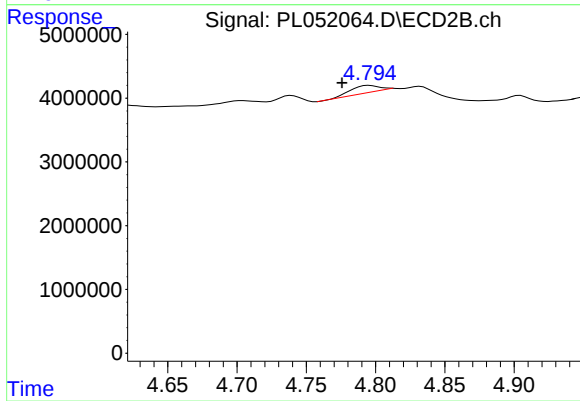
#5 Aldrin

R.T.: 5.425 min
Delta R.T.: 0.024 min
Response: 1197907
Conc: 0.37 ng/ml



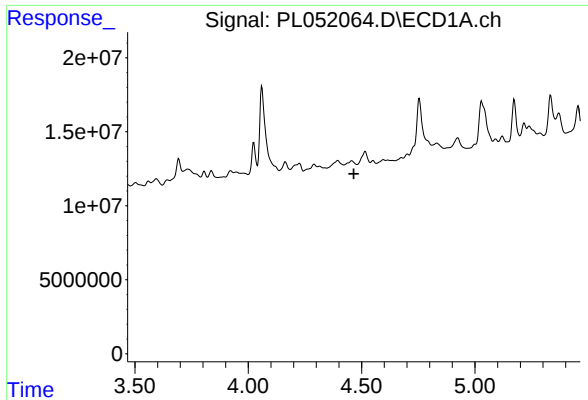
#6 beta-BHC

R.T.: 4.291 min
Delta R.T.: 0.018 min
Response: 6147072
Conc: 1.08 ng/ml



#6 beta-BHC

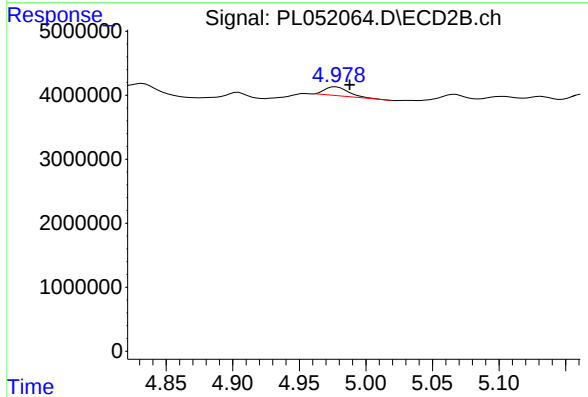
R.T.: 4.795 min
Delta R.T.: 0.020 min
Response: 1853783
Conc: 1.27 ng/ml



#7 delta-BHC

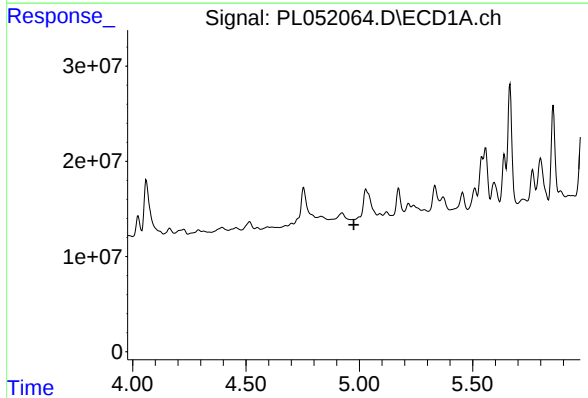
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



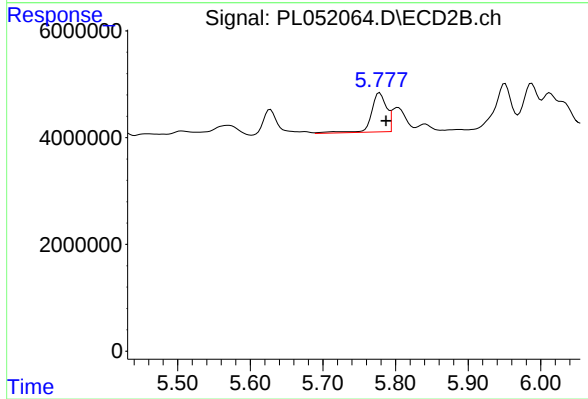
#7 delta-BHC

R.T.: 4.978 min
Delta R.T.: -0.010 min
Response: 1577275
Conc: 0.50 ng/ml



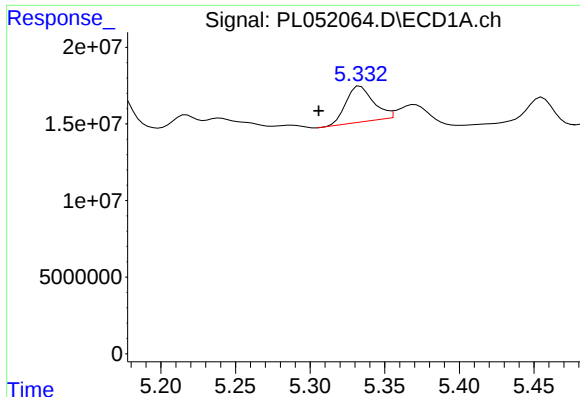
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.975 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

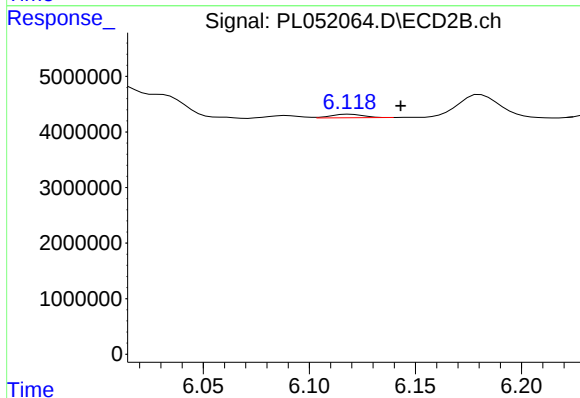
R.T.: 5.778 min
Delta R.T.: -0.009 min
Response: 10626308
Conc: 3.15 ng/ml



#9 Endosulfan I

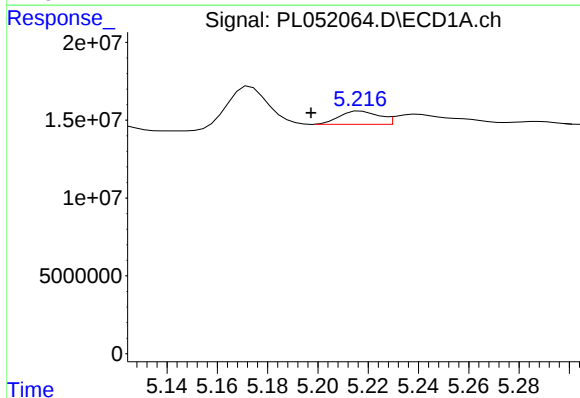
R.T.: 5.334 min
Delta R.T.: 0.028 min
Response: 29767006
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



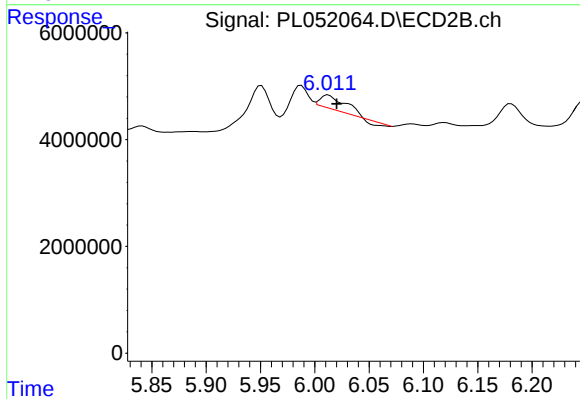
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.024 min
Response: 651015
Conc: 0.20 ng/ml



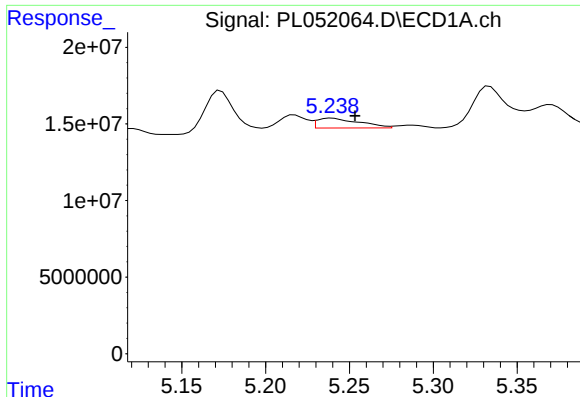
#10 gamma-Chlordane

R.T.: 5.217 min
Delta R.T.: 0.020 min
Response: 9300512
Conc: 0.62 ng/ml



#10 gamma-Chlordane

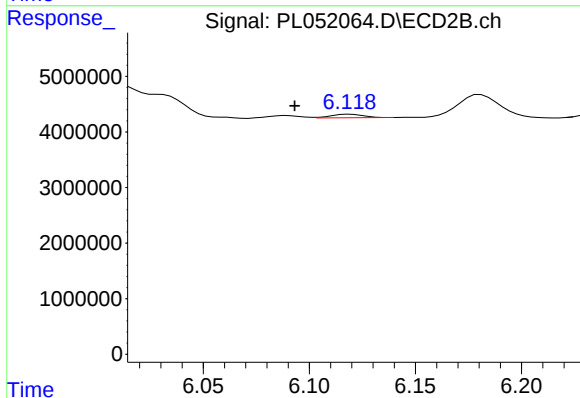
R.T.: 6.013 min
Delta R.T.: -0.008 min
Response: 3768250
Conc: 1.03 ng/ml



#11 alpha-Chlordane

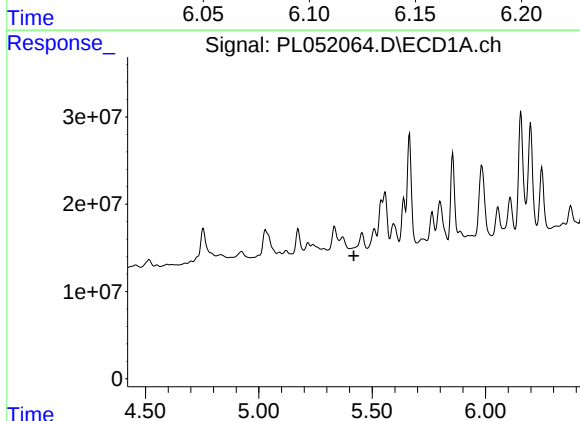
R.T.: 5.240 min
Delta R.T.: -0.014 min
Response: 11226517
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



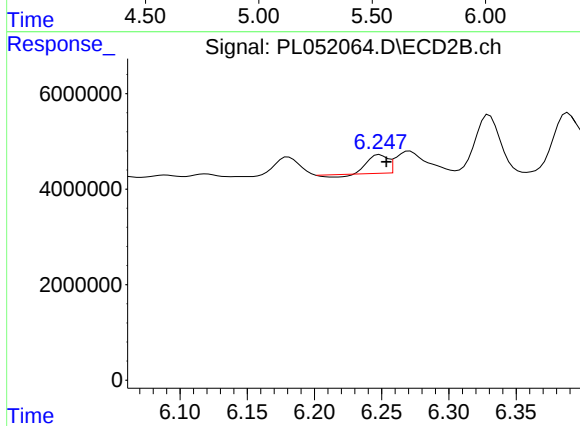
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: 0.026 min
Response: 651015
Conc: 0.19 ng/ml



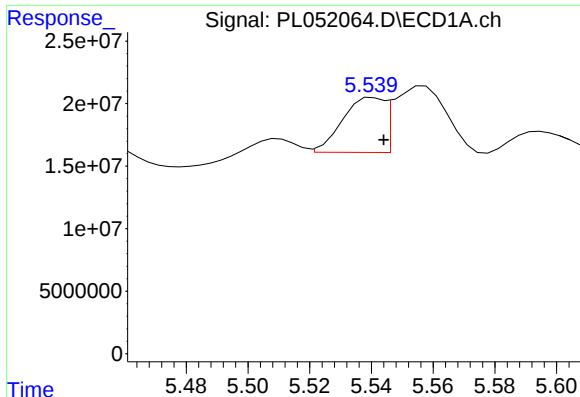
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

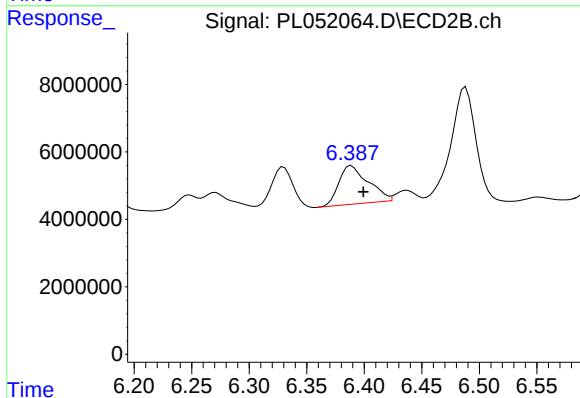
R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 3700211
Conc: 1.05 ng/ml



#13 Dieldrin

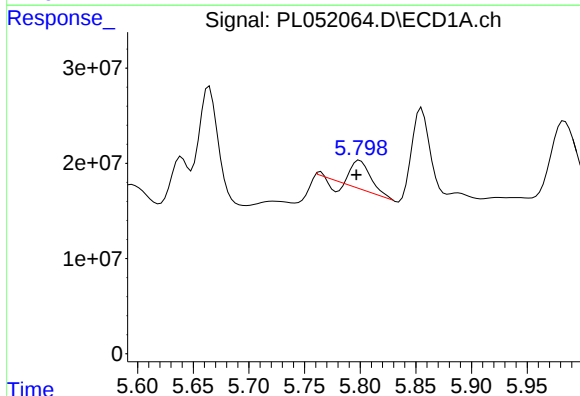
R.T.: 5.541 min
Delta R.T.: -0.003 min
Response: 40636722
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



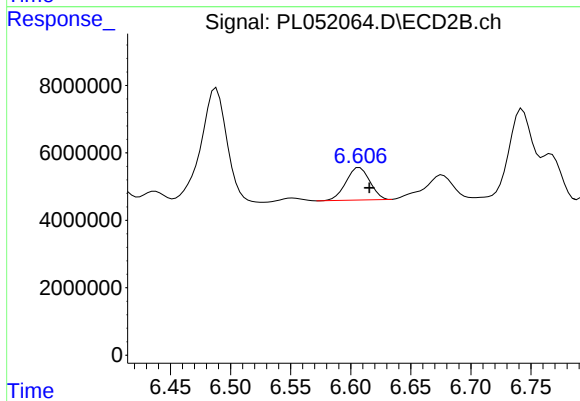
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.011 min
Response: 20318885
Conc: 5.93 ng/ml



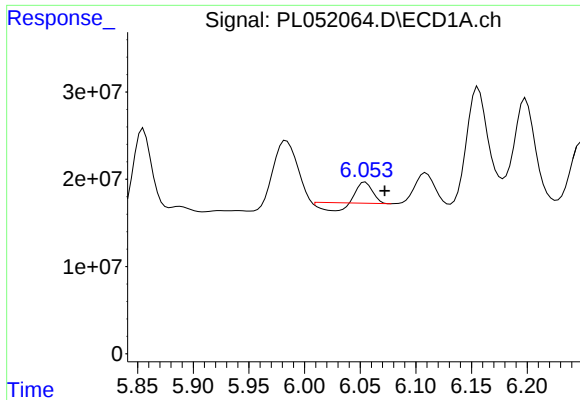
#14 Endrin

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 27723582
Conc: 1.90 ng/ml



#14 Endrin

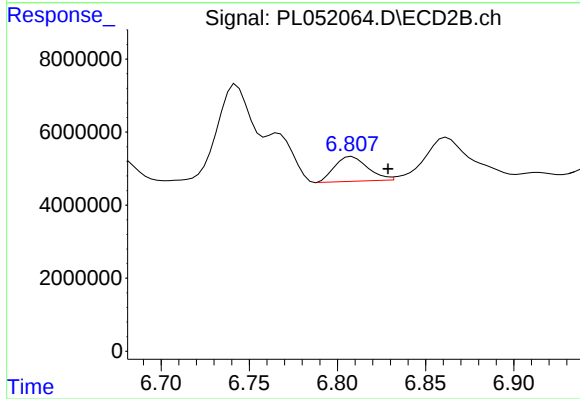
R.T.: 6.607 min
Delta R.T.: -0.008 min
Response: 13311181
Conc: 4.40 ng/ml



#15 Endosulfan II

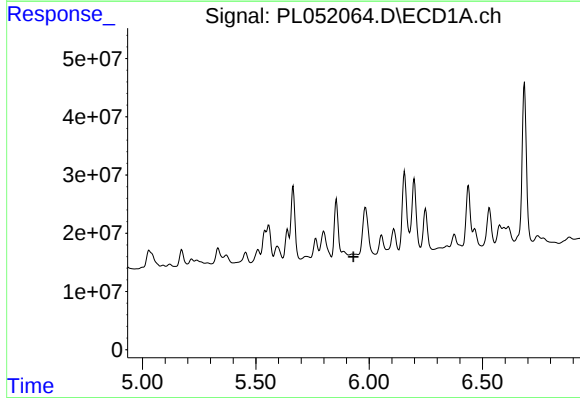
R.T.: 6.055 min
Delta R.T.: -0.017 min
Response: 15478365
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



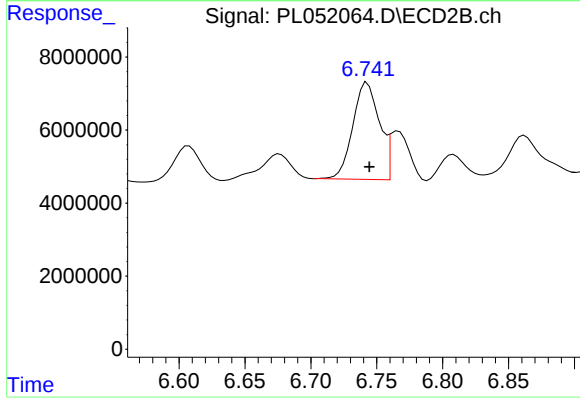
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.021 min
Response: 8856236
Conc: 2.69 ng/ml



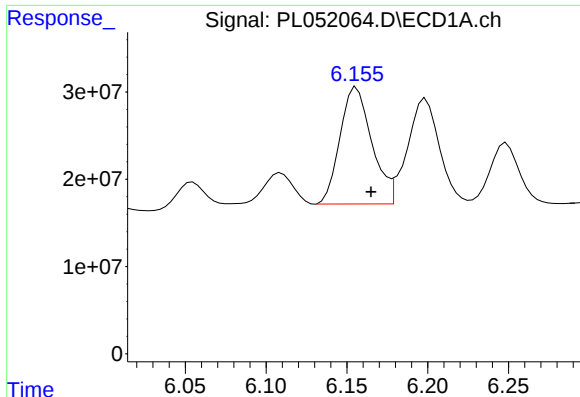
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.931 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

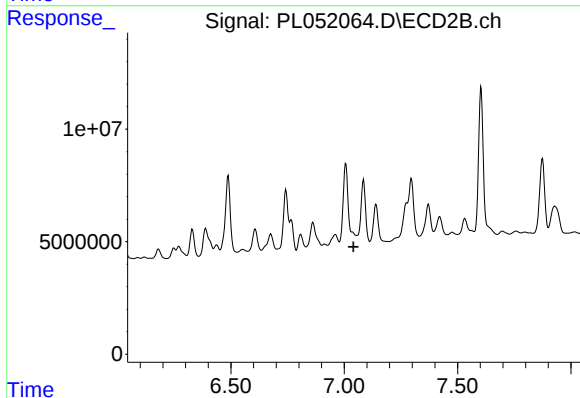
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 37172895
Conc: 13.73 ng/ml



#17 4,4'-DDT

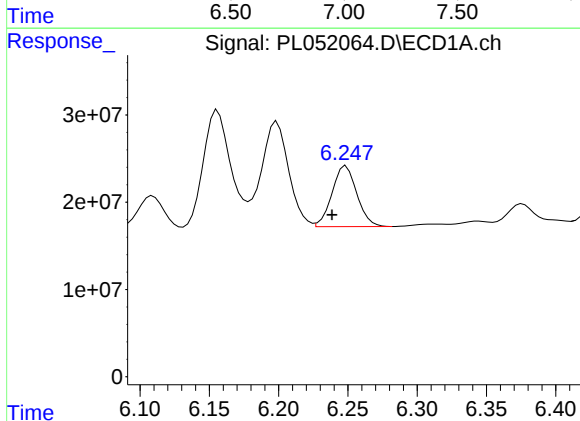
R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 183205073
Conc: 14.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



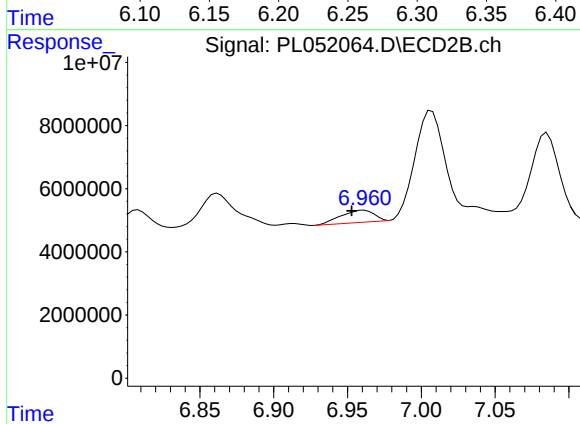
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.041 min
Response: 0
Conc: N.D.



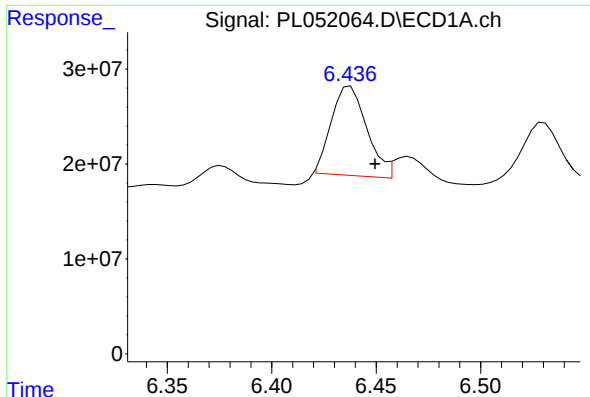
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.010 min
Response: 86935249
Conc: 7.47 ng/ml



#18 Endrin aldehyde

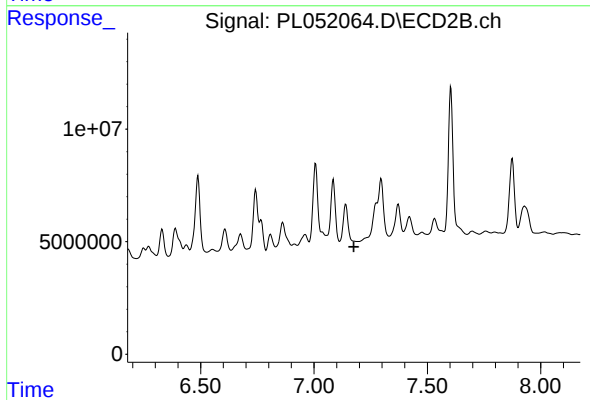
R.T.: 6.961 min
Delta R.T.: 0.008 min
Response: 5989991
Conc: 2.12 ng/ml



#19 Endosulfan Sulfate

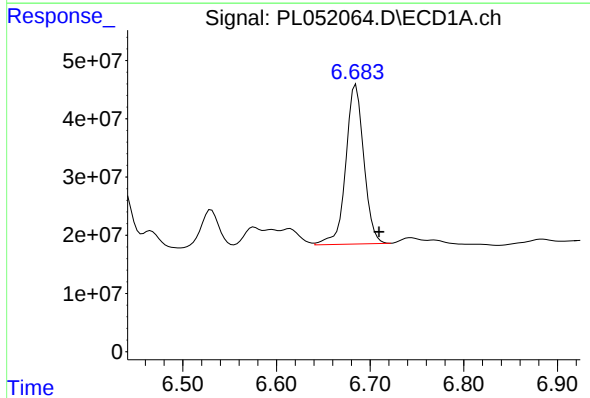
R.T.: 6.438 min
Delta R.T.: -0.012 min
Response: 110696710
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



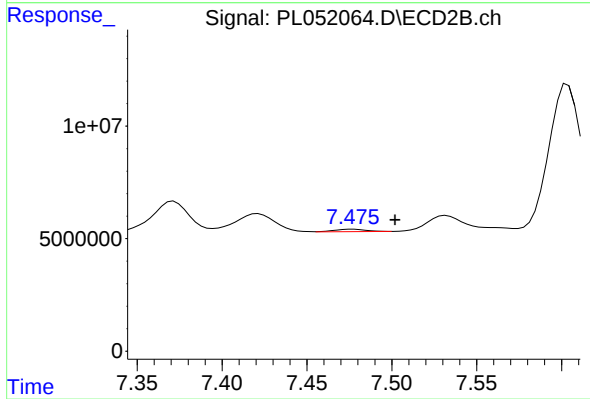
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.176 min
Response: 0
Conc: N.D.



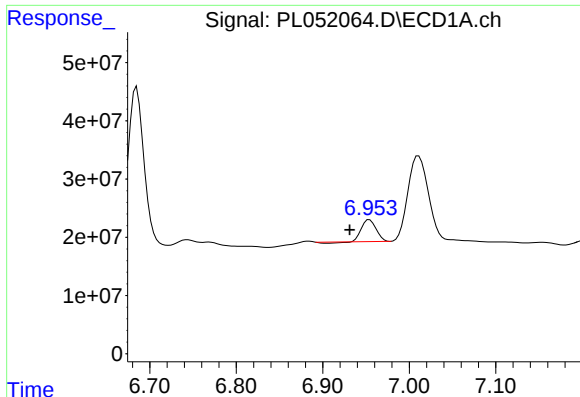
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: -0.025 min
Response: 366081478
Conc: 54.00 ng/ml



#20 Methoxychlor

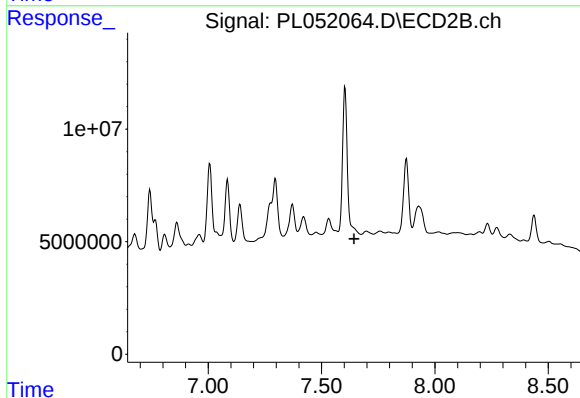
R.T.: 7.477 min
Delta R.T.: -0.025 min
Response: 1329479
Conc: 0.79 ng/ml



#21 Endrin ketone

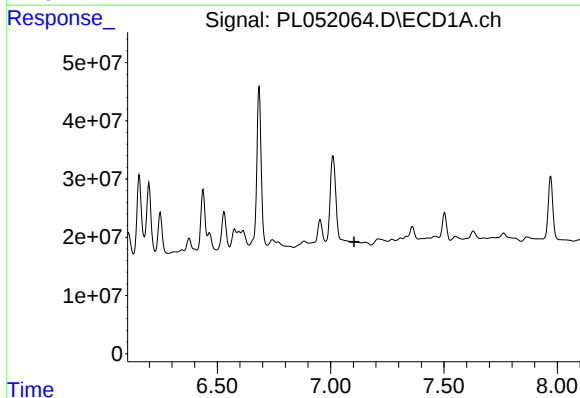
R.T.: 6.954 min
Delta R.T.: 0.023 min
Response: 42586351
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



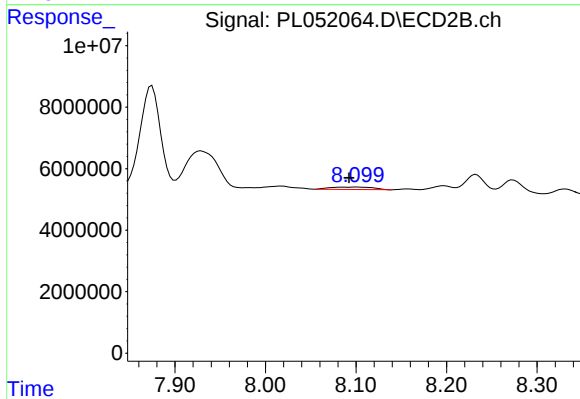
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.644 min
Response: 0
Conc: N.D.



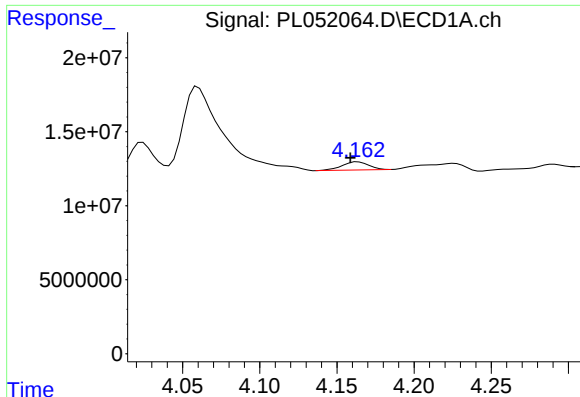
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.104 min
Response: 0
Conc: N.D.



#22 Mirex

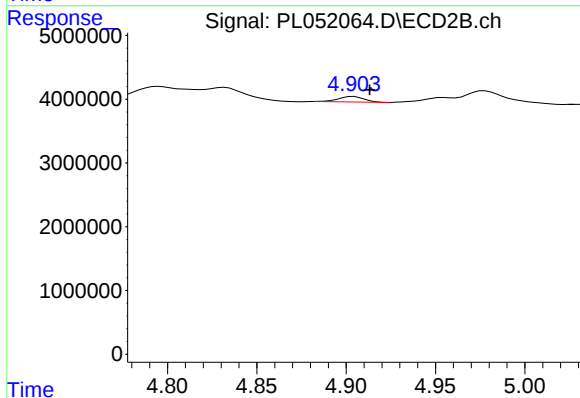
R.T.: 8.101 min
Delta R.T.: 0.008 min
Response: 2676224
Conc: 1.10 ng/ml



#23 Chlordane-1

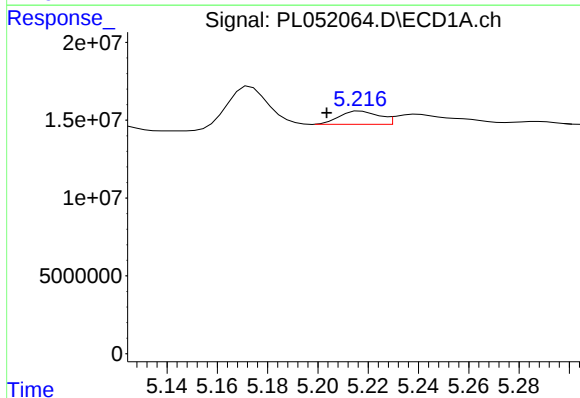
R.T.: 4.164 min
Delta R.T.: 0.005 min
Response: 6683500
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



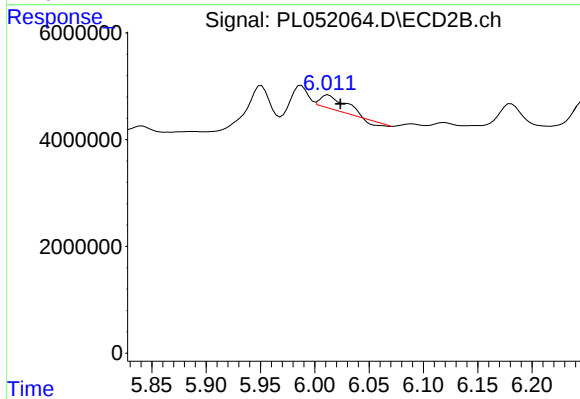
#23 Chlordane-1

R.T.: 4.904 min
Delta R.T.: -0.009 min
Response: 892942
Conc: 9.85 ng/ml



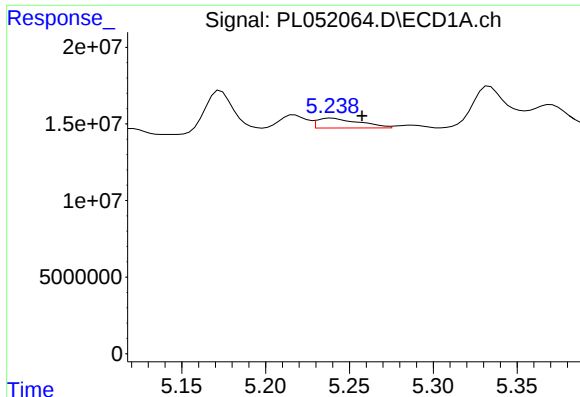
#25 Chlordane-3

R.T.: 5.217 min
Delta R.T.: 0.014 min
Response: 9300512
Conc: 7.16 ng/ml



#25 Chlordane-3

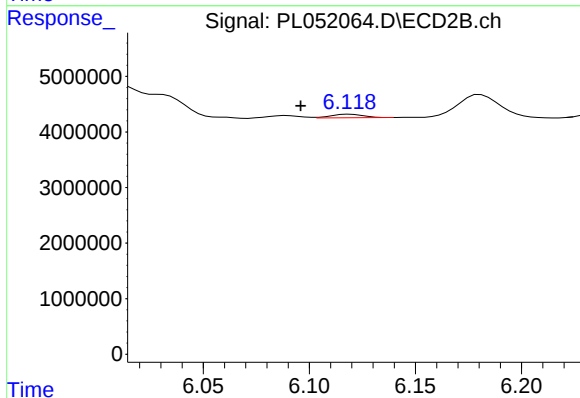
R.T.: 6.013 min
Delta R.T.: -0.011 min
Response: 3768250
Conc: 8.46 ng/ml



#26 Chlordane-4

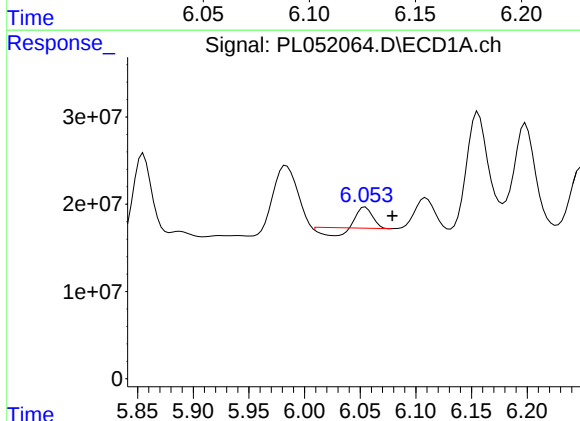
R.T.: 5.240 min
Delta R.T.: -0.018 min
Response: 11226517
Conc: 9.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



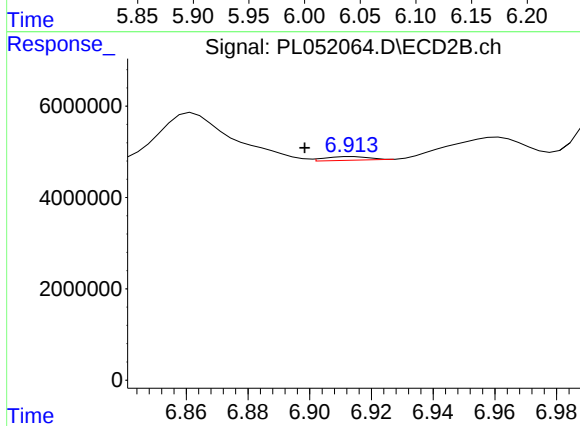
#26 Chlordane-4

R.T.: 6.119 min
Delta R.T.: 0.023 min
Response: 651015
Conc: 1.20 ng/ml



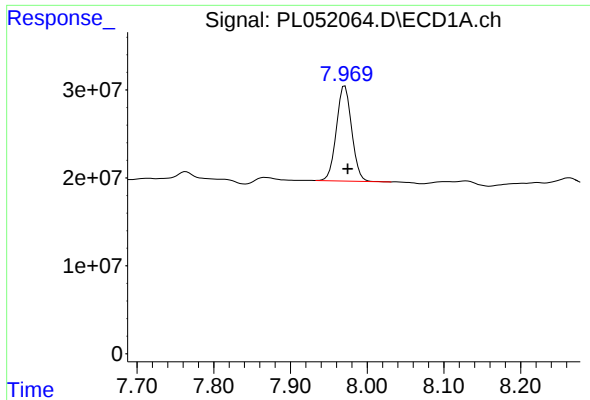
#27 Chlordane-5

R.T.: 6.055 min
Delta R.T.: -0.024 min
Response: 15478365
Conc: 31.54 ng/ml



#27 Chlordane-5

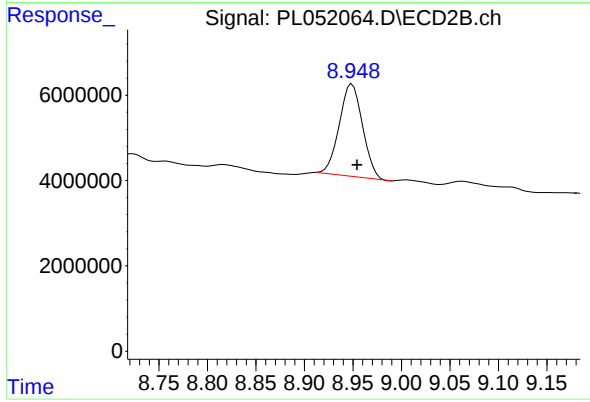
R.T.: 6.914 min
Delta R.T.: 0.016 min
Response: 809654
Conc: 8.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.971 min
Delta R.T.: -0.004 min
Response: 149515436
Conc: 12.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
T12-G1-G4-(0-2.7)



#28 Decachlorobiphenyl

R.T.: 8.949 min
Delta R.T.: -0.005 min
Response: 36191778
Conc: 11.89 ng/ml