

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100319\
 Data File : PL053058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2019 20:31
 Operator : SG\AJ
 Sample : K5095-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMPOSITE-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 00:58:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.538	4.049	739.3E6	38537511	74.331	14.352 #
2)	SA Decachlor...	8.341	9.127	542.4E6	117.7E6	54.149	40.113 #
Target Compounds							
2)	A alpha-BHC	3.989	4.440	80557097	8814234	5.050	2.295 #
3)	MA gamma-BHC...	4.279	0.000	73143463	0	5.022	N.D. #
4)	MA Heptachlor	4.571f	5.258f	370.2E6	51604362	24.774	13.542 #
5)	MB Aldrin	4.830	0.000	99378868	0	7.225	N.D. #
6)	B beta-BHC	0.000	4.870f	0	5816744	N.D.	3.701 #
7)	B delta-BHC	4.752	5.103	46398040	108.5E6	3.238	29.982 #
8)	Heptachlo...	5.304	5.928	47649862	17650833	3.657	5.267 #
9)	A Endosulfan I	0.000	6.276	0	2090860	N.D.	0.669 #
10)	B gamma-Chl...	5.532	6.130f	47868795	27256768	3.560	8.057 #
11)	B alpha-Chl...	5.583	6.230	37303625	2142071	2.828	0.636 #
12)	B 4,4'-DDE	5.767f	6.396	35985909	49582030	3.101	15.181 #
13)	MA Dieldrin	5.889	6.542	37159964	3000610	2.879	0.920 #
14)	MA Endrin	0.000	6.753	0	3965522	N.D.	1.428 #
15)	B Endosulfa...	6.415	6.957	57526545	33436739	5.020	11.270 #
16)	A 4,4'-DDD	6.257	6.887	61679317	20399236	6.862	8.318
17)	MA 4,4'-DDT	6.495	7.170	16367149	68971671	1.603	26.502 #
18)	B Endrin al...	6.560f	0.000	923.4E6	0	98.327	N.D. #
20)	A Methoxychlor	7.055	7.649f	-24217184	23266773	N.D.	16.526
21)	B Endrin ke...	7.263f	7.792	189.4E6	27227583	16.250	9.544 #
22)	Mirex	7.469	8.252	27679506	240.9E6	2.931	107.099 #
23)	Chlordane-1	4.432	5.033	396.6E6	21253400	1141.250	209.538 #
24)	Chlordane-2	4.962f	5.508	66060542	67817523	166.279	605.934 #
25)	Chlordane-3	5.532	6.130f	47868795	27256768	41.313	62.586 #
26)	Chlordane-4	5.583	6.230	37303625	2142071	39.085	4.034 #
27)	Chlordane-5	6.415	7.025	57526545	12186204	145.846	138.151

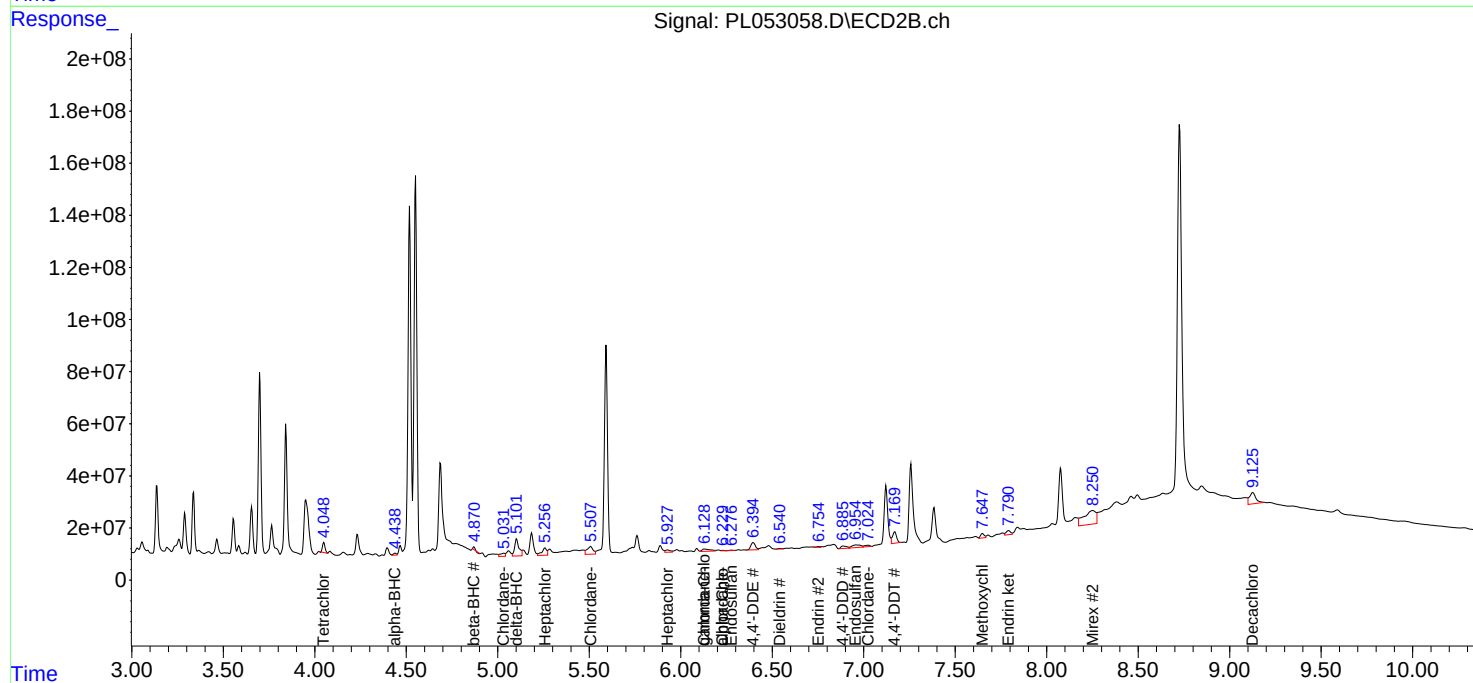
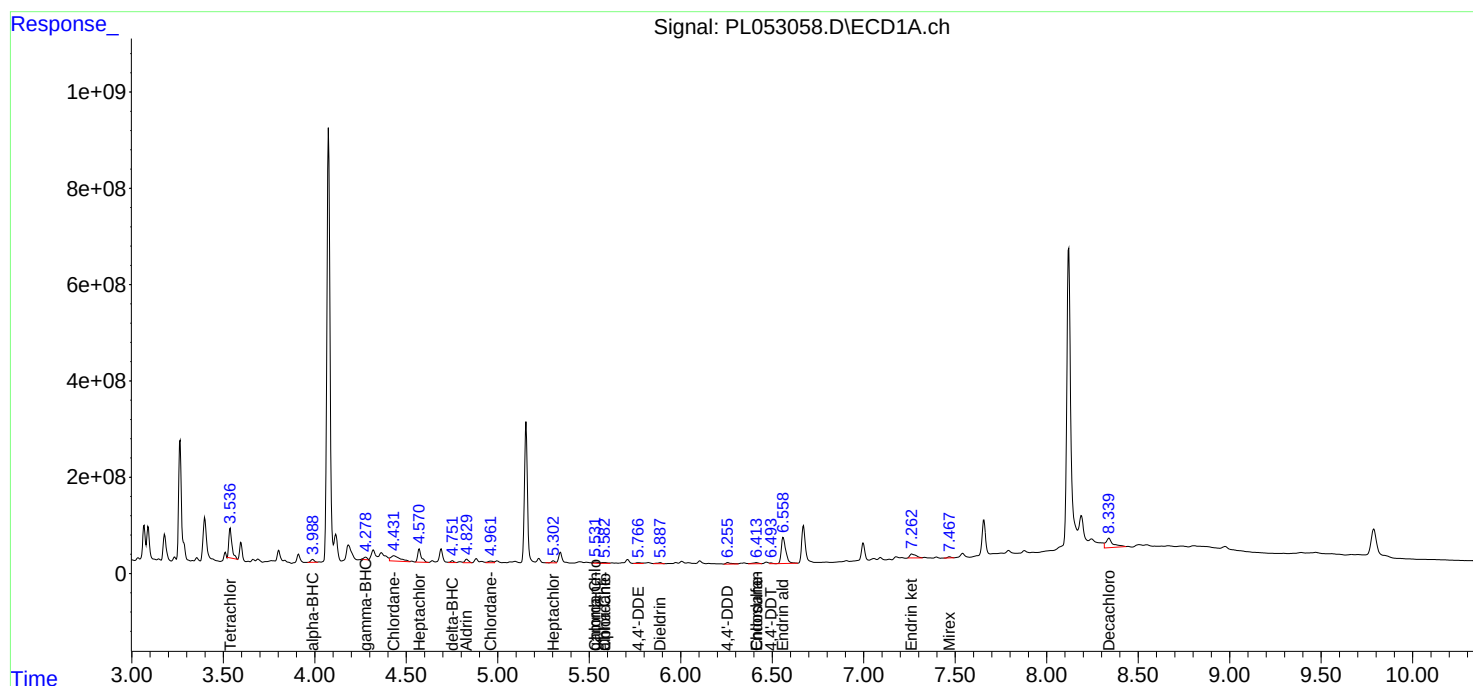
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

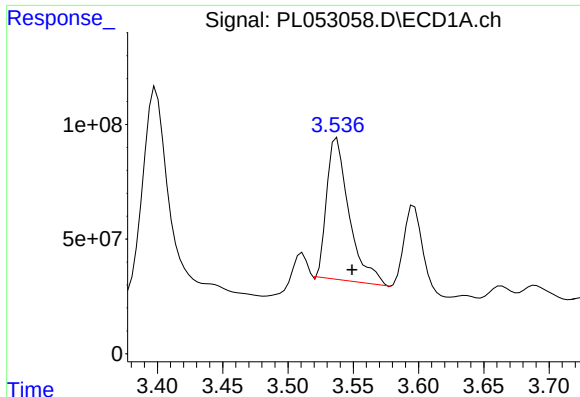
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100319\
Data File : PL053058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2019 20:31
Operator : SG\AJ
Sample : K5095-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
COMPOSITE-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 00:58:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 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

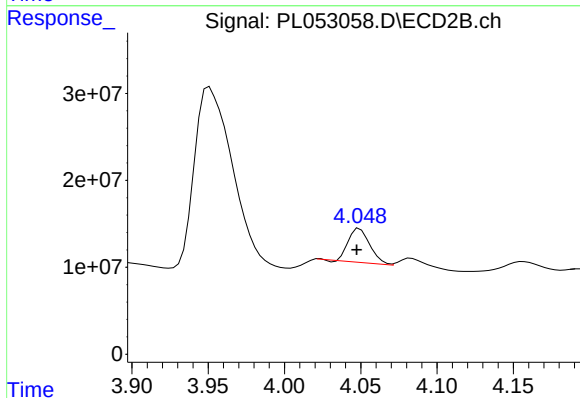




#1 Tetrachloro-m-xylene

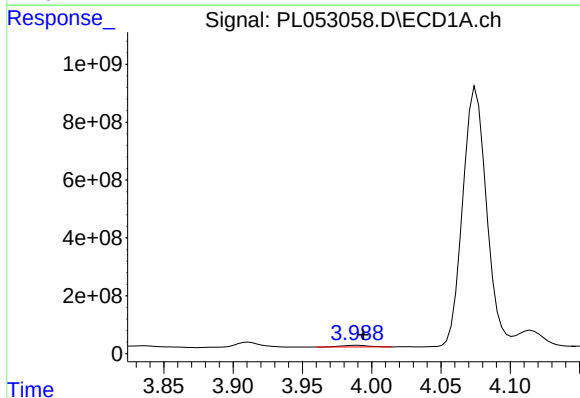
R.T.: 3.538 min
Delta R.T.: -0.011 min
Response: 739345061
Conc: 74.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



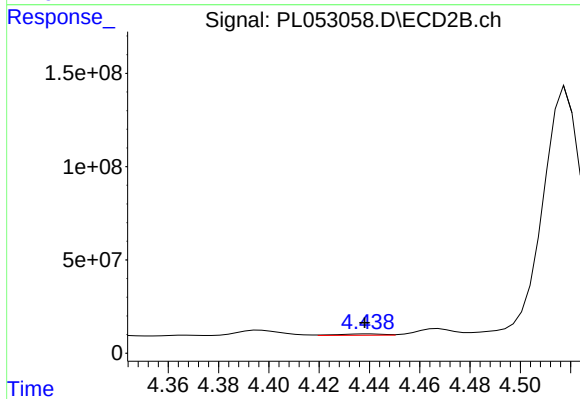
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 38537511
Conc: 14.35 ng/ml



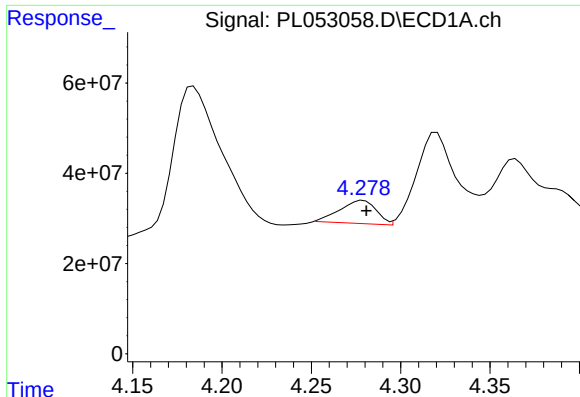
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 80557097
Conc: 5.05 ng/ml



#2 alpha-BHC

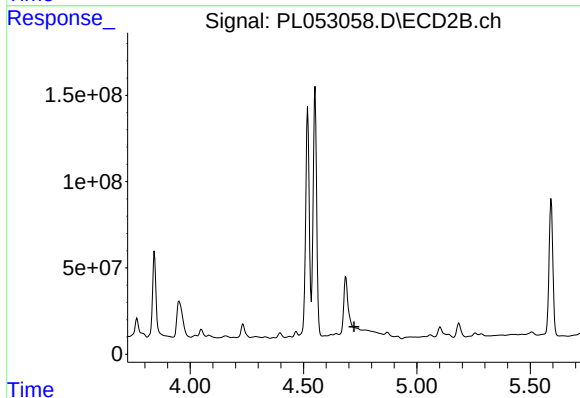
R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 8814234
Conc: 2.30 ng/ml



#3 gamma-BHC (Lindane)

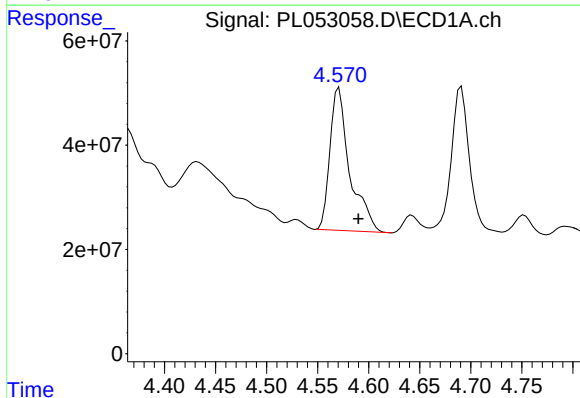
R.T.: 4.279 min
Delta R.T.: -0.002 min
Response: 73143463
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



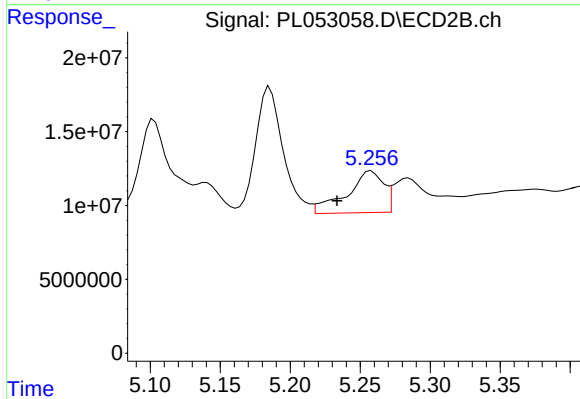
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



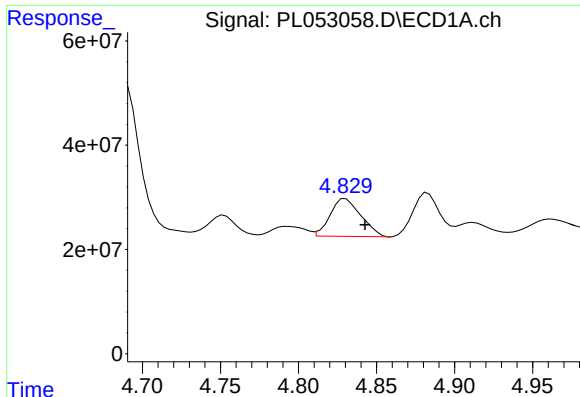
#4 Heptachlor

R.T.: 4.571 min
Delta R.T.: -0.019 min
Response: 370167555
Conc: 24.77 ng/ml



#4 Heptachlor

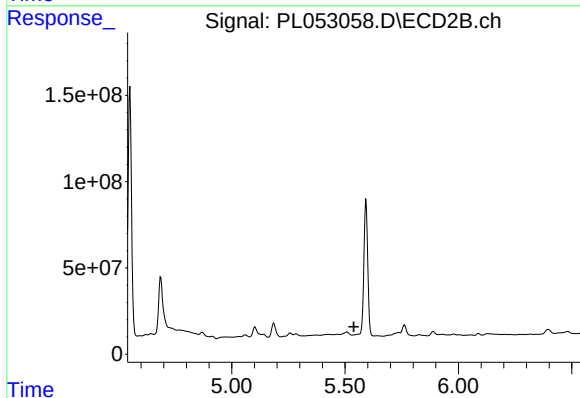
R.T.: 5.258 min
Delta R.T.: 0.024 min
Response: 51604362
Conc: 13.54 ng/ml



#5 Aldrin

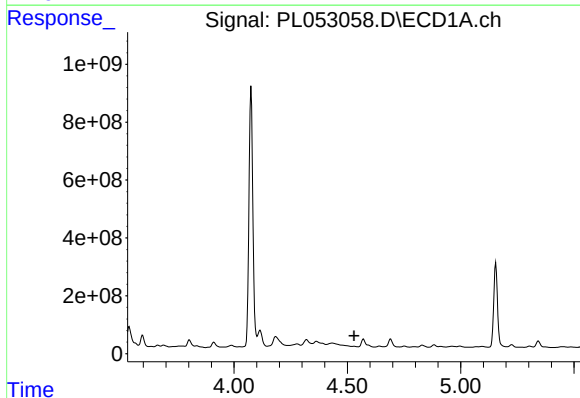
R.T.: 4.830 min
Delta R.T.: -0.012 min
Response: 99378868
Conc: 7.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



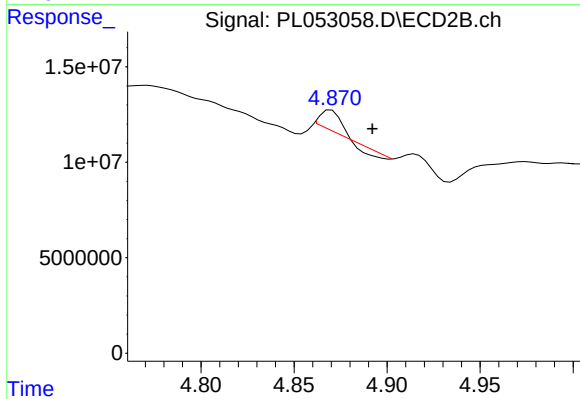
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.539 min
Response: 0
Conc: N.D.



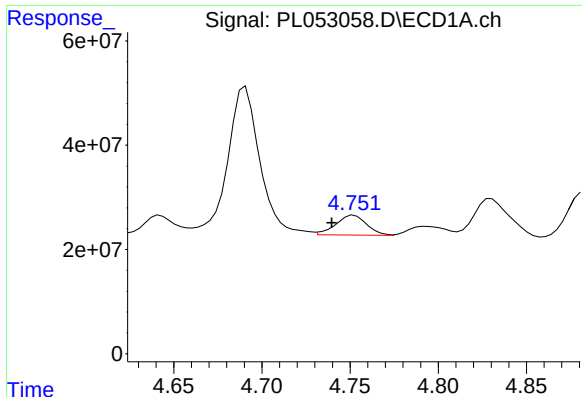
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.530 min
Response: 0
Conc: N.D.



#6 beta-BHC

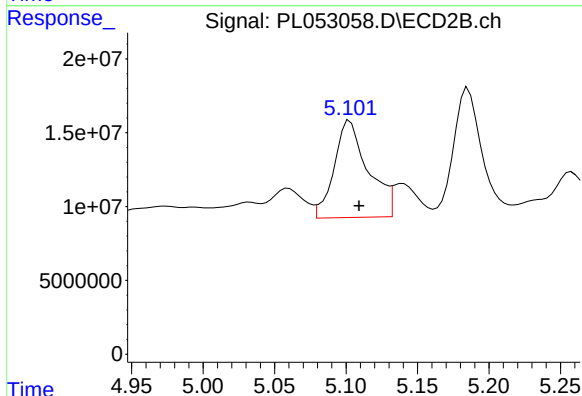
R.T.: 4.870 min
Delta R.T.: -0.022 min
Response: 5816744
Conc: 3.70 ng/ml



#7 delta-BHC

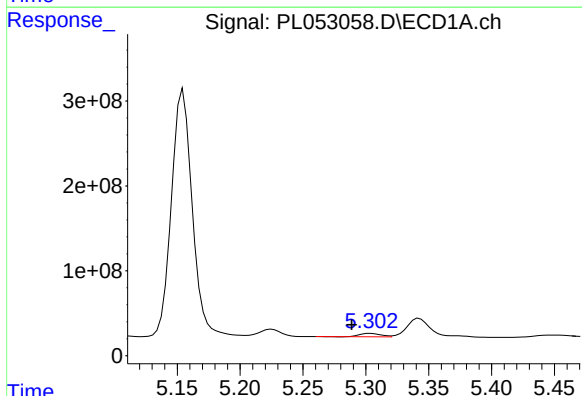
R.T.: 4.752 min
Delta R.T.: 0.013 min
Response: 46398040
Conc: 3.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



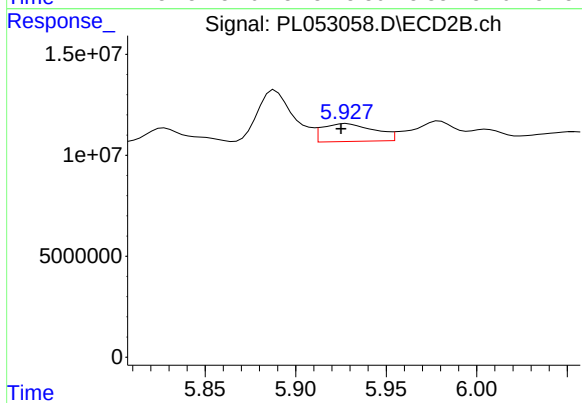
#7 delta-BHC

R.T.: 5.103 min
Delta R.T.: -0.007 min
Response: 108532760
Conc: 29.98 ng/ml



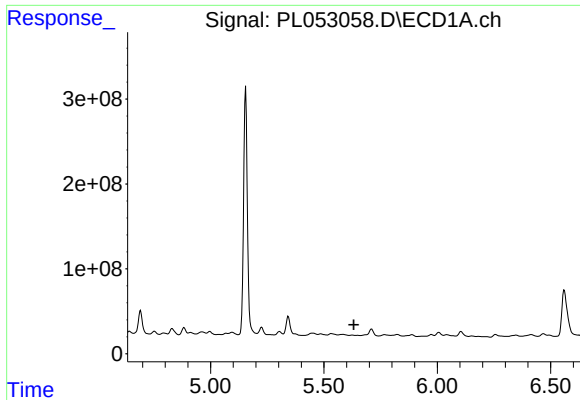
#8 Heptachlor epoxide

R.T.: 5.304 min
Delta R.T.: 0.015 min
Response: 47649862
Conc: 3.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 17650833
Conc: 5.27 ng/ml



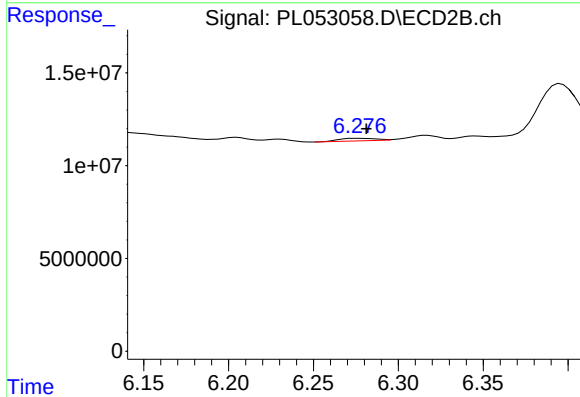
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.632 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4

#9 Endosulfan I

R.T.: 6.276 min
Delta R.T.: -0.006 min
Response: 2090860
Conc: 0.67 ng/ml

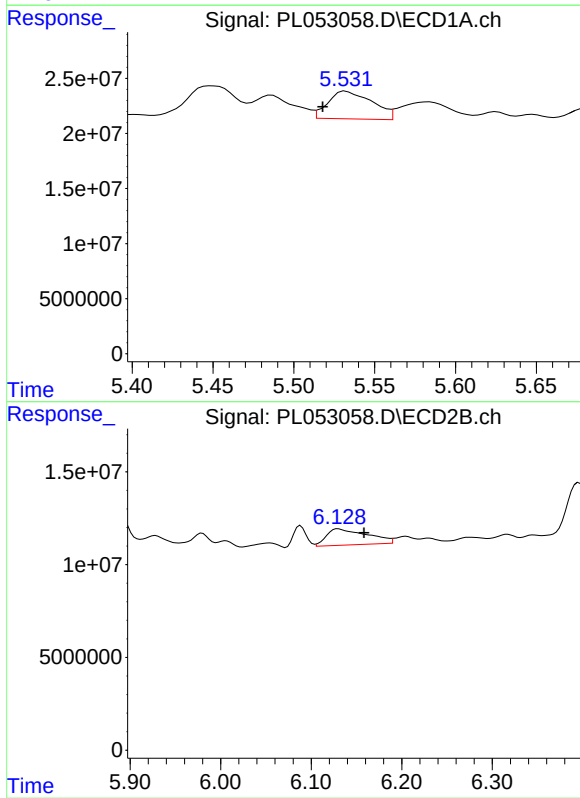


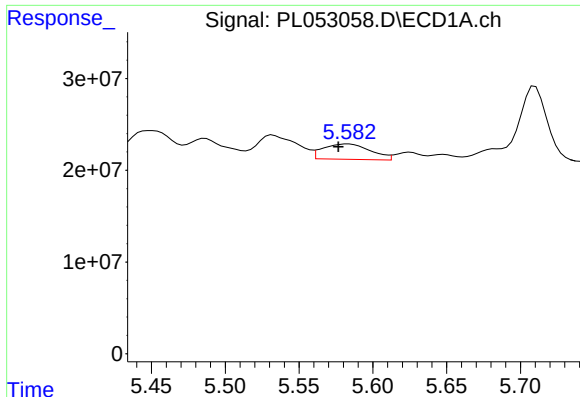
#10 gamma-Chlordane

R.T.: 5.532 min
Delta R.T.: 0.014 min
Response: 47868795
Conc: 3.56 ng/ml

#10 gamma-Chlordane

R.T.: 6.130 min
Delta R.T.: -0.029 min
Response: 27256768
Conc: 8.06 ng/ml

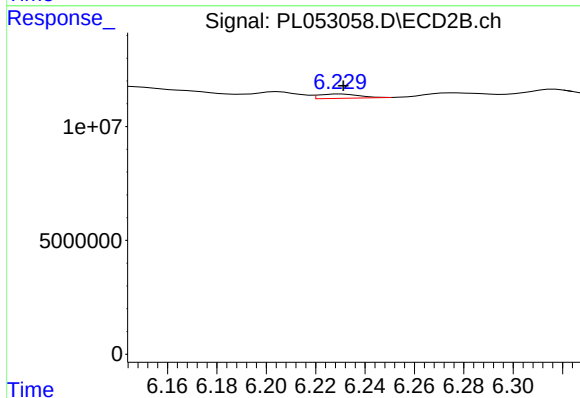




#11 alpha-Chlordane

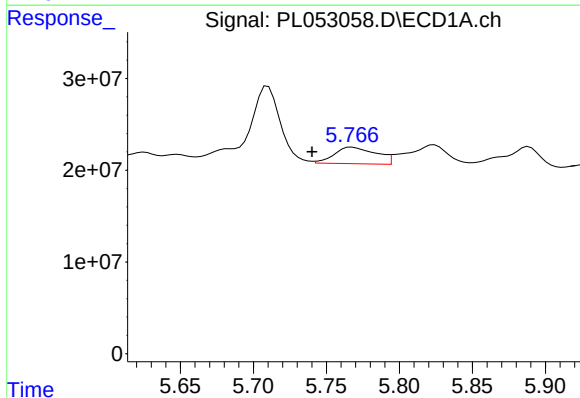
R.T.: 5.583 min
Delta R.T.: 0.007 min
Response: 37303625
Conc: 2.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



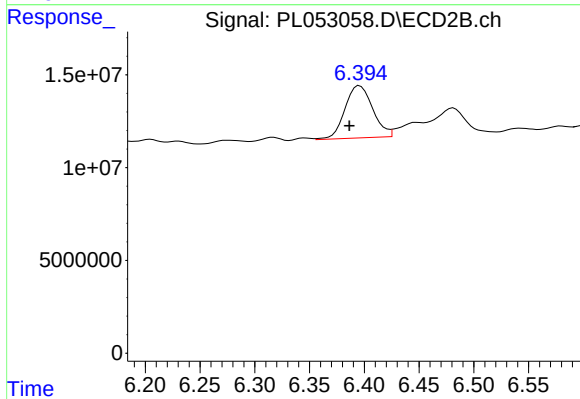
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 2142071
Conc: 0.64 ng/ml



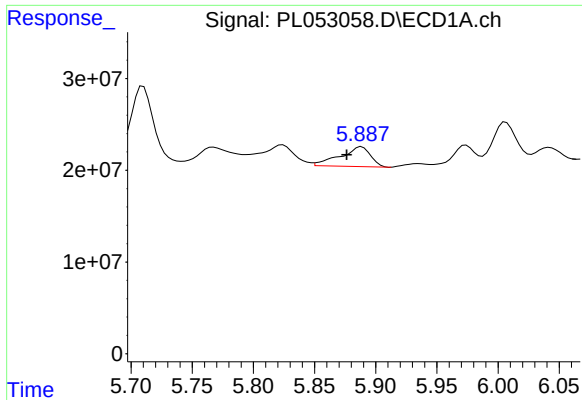
#12 4,4'-DDE

R.T.: 5.767 min
Delta R.T.: 0.027 min
Response: 35985909
Conc: 3.10 ng/ml



#12 4,4'-DDE

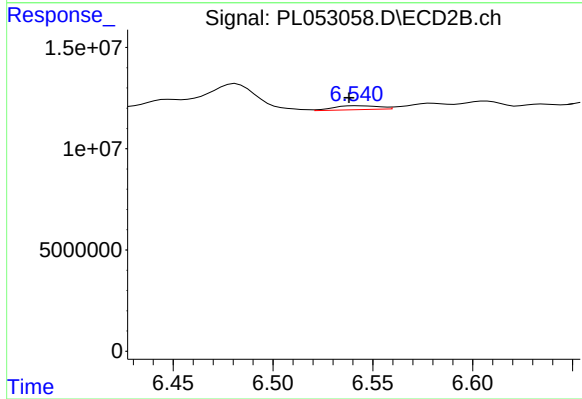
R.T.: 6.396 min
Delta R.T.: 0.009 min
Response: 49582030
Conc: 15.18 ng/ml



#13 Dieldrin

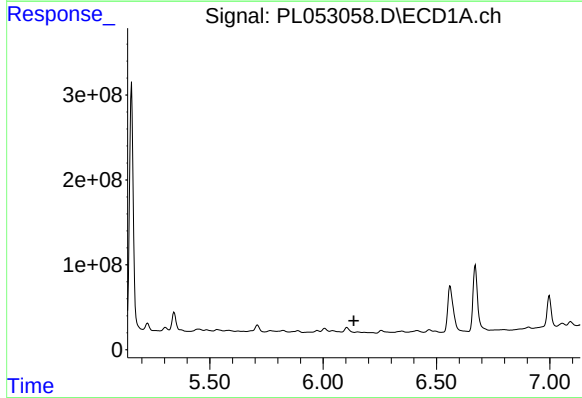
R.T.: 5.889 min
Delta R.T.: 0.012 min
Response: 37159964
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



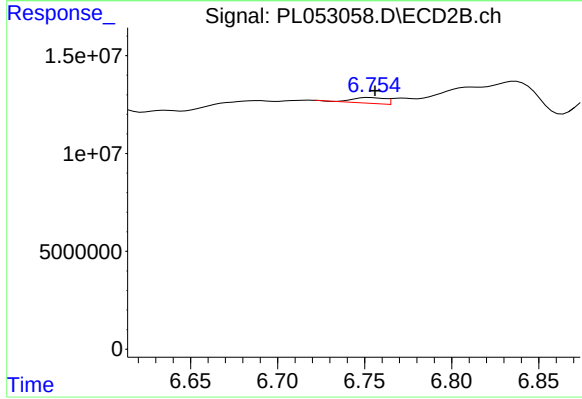
#13 Dieldrin

R.T.: 6.542 min
Delta R.T.: 0.004 min
Response: 3000610
Conc: 0.92 ng/ml



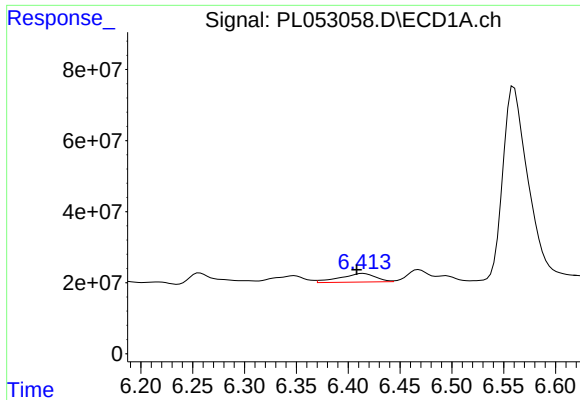
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.135 min
Response: 0
Conc: N.D.



#14 Endrin

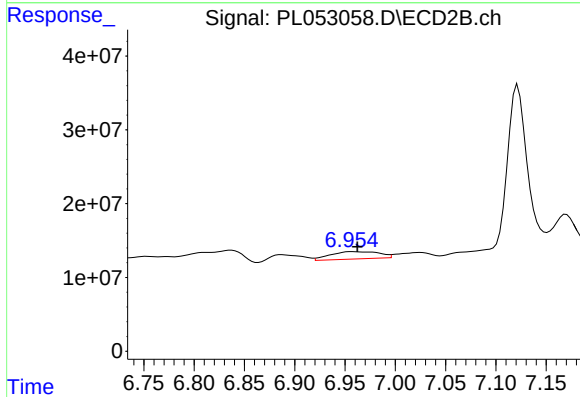
R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 3965522
Conc: 1.43 ng/ml



#15 Endosulfan II

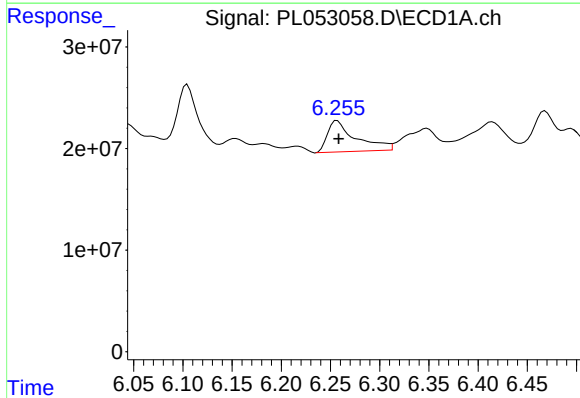
R.T.: 6.415 min
Delta R.T.: 0.006 min
Response: 57526545
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



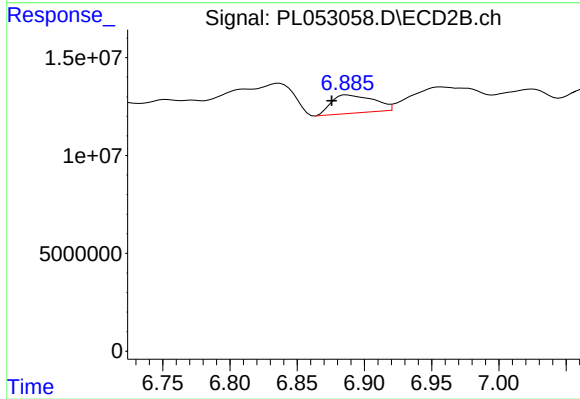
#15 Endosulfan II

R.T.: 6.957 min
Delta R.T.: -0.006 min
Response: 33436739
Conc: 11.27 ng/ml



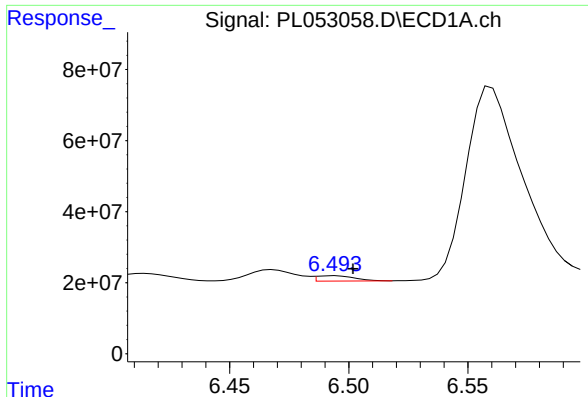
#16 4,4'-DDD

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 61679317
Conc: 6.86 ng/ml



#16 4,4'-DDD

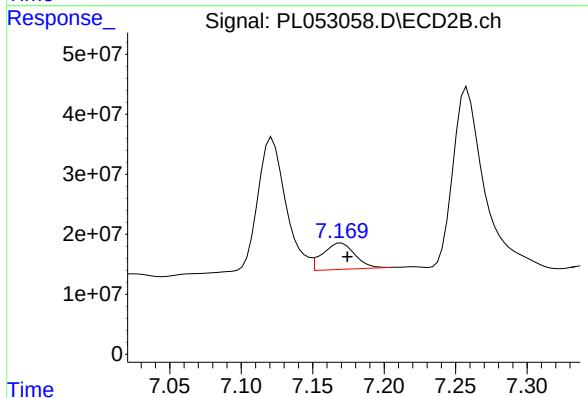
R.T.: 6.887 min
Delta R.T.: 0.011 min
Response: 20399236
Conc: 8.32 ng/ml



#17 4,4'-DDT

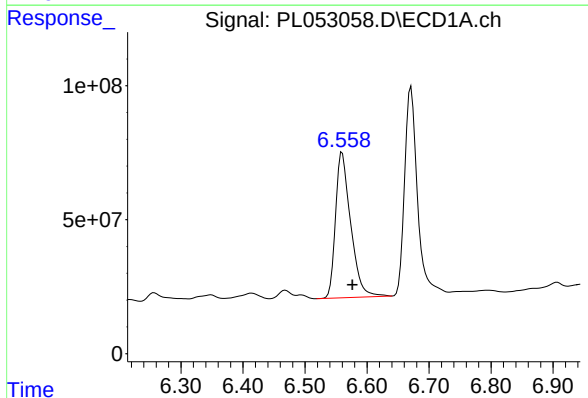
R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 16367149
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



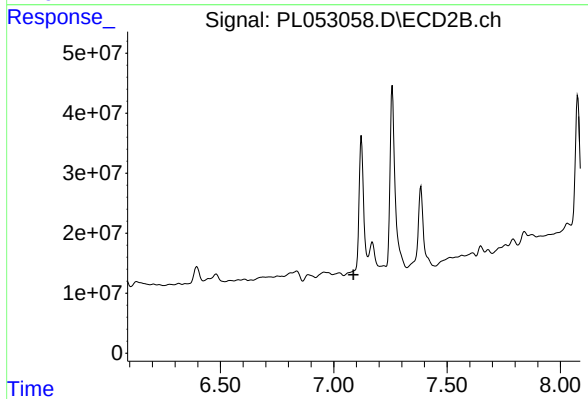
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 68971671
Conc: 26.50 ng/ml



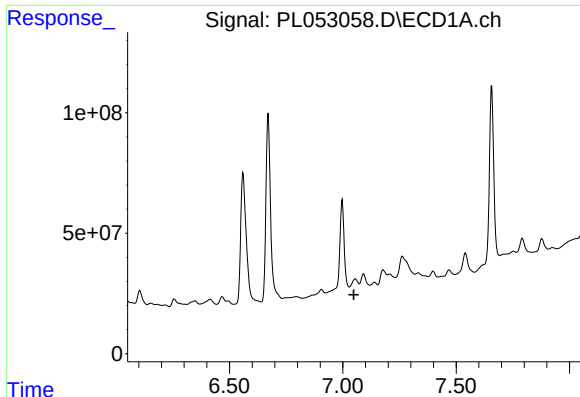
#18 Endrin aldehyde

R.T.: 6.560 min
Delta R.T.: -0.016 min
Response: 923372513
Conc: 98.33 ng/ml



#18 Endrin aldehyde

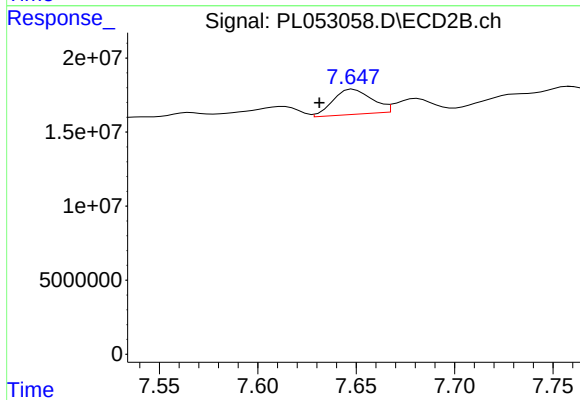
R.T.: 0.000 min
Exp R.T.: 7.088 min
Response: 0
Conc: N.D.



#20 Methoxychlor

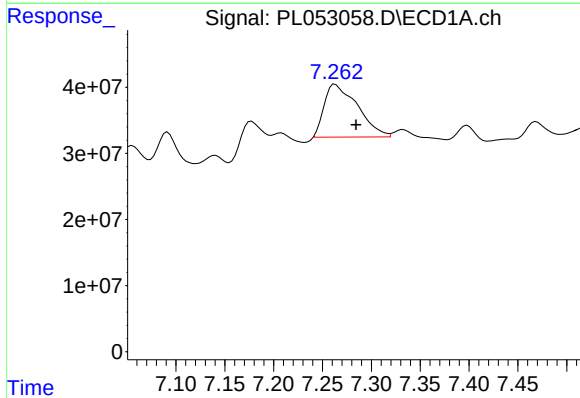
R.T.: 7.055 min
Delta R.T.: 0.007 min
Response: -24217184
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



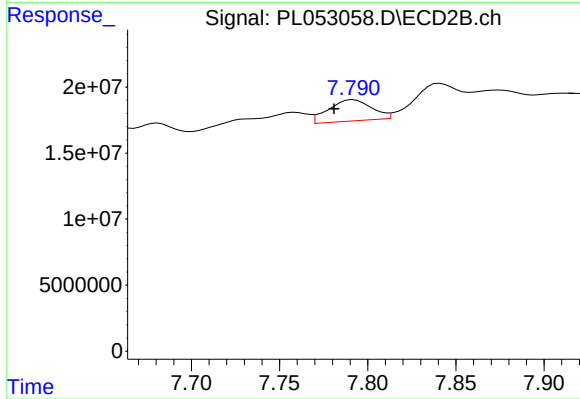
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: 0.017 min
Response: 23266773
Conc: 16.53 ng/ml



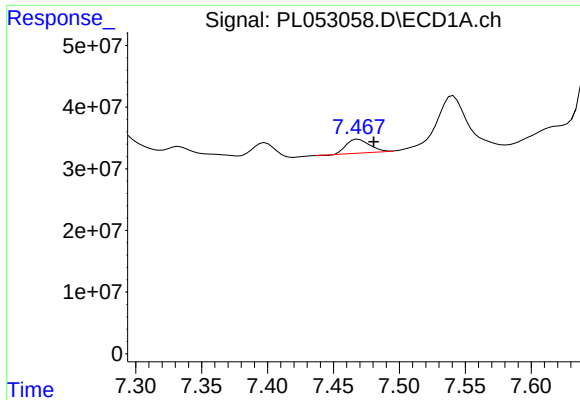
#21 Endrin ketone

R.T.: 7.263 min
Delta R.T.: -0.021 min
Response: 189392879
Conc: 16.25 ng/ml



#21 Endrin ketone

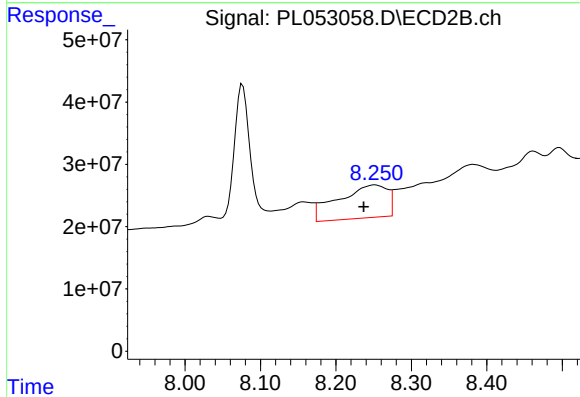
R.T.: 7.792 min
Delta R.T.: 0.011 min
Response: 27227583
Conc: 9.54 ng/ml



#22 Mirex

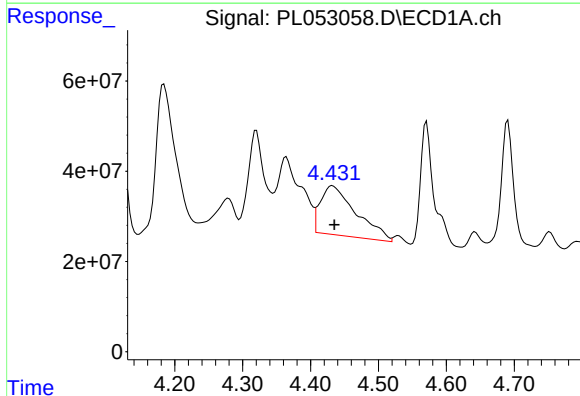
R.T.: 7.469 min
Delta R.T.: -0.012 min
Response: 27679506
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



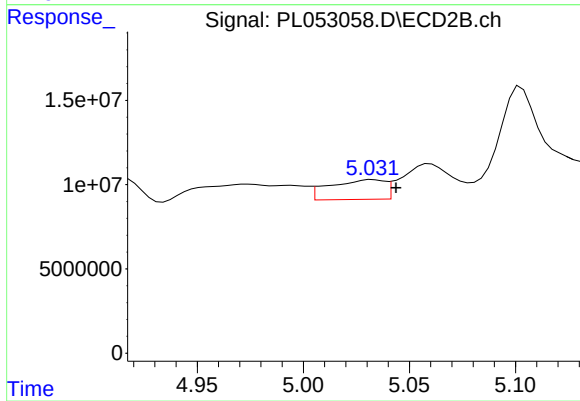
#22 Mirex

R.T.: 8.252 min
Delta R.T.: 0.015 min
Response: 240892388
Conc: 107.10 ng/ml



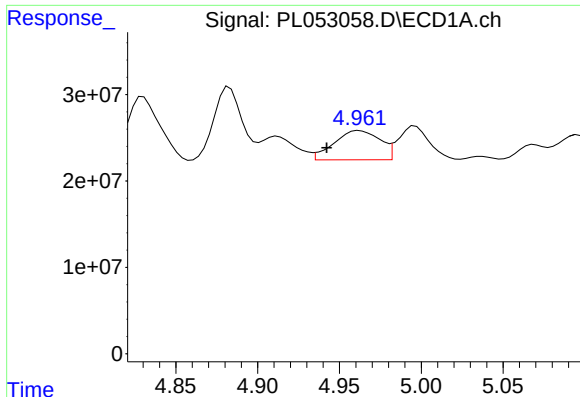
#23 Chlordane-1

R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 396609001
Conc: 1141.25 ng/ml



#23 Chlordane-1

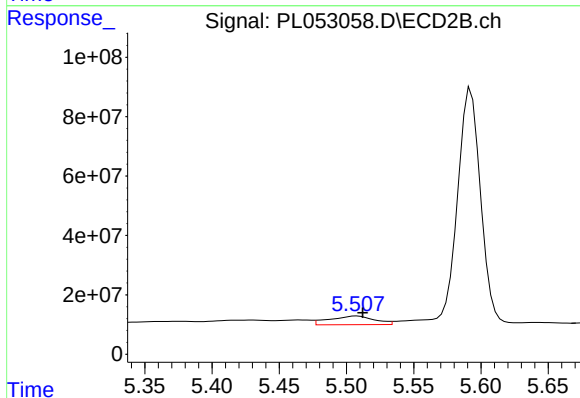
R.T.: 5.033 min
Delta R.T.: -0.011 min
Response: 21253400
Conc: 209.54 ng/ml



#24 Chlordane-2

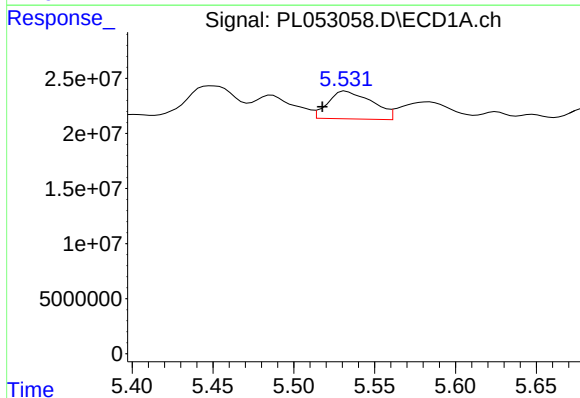
R.T.: 4.962 min
Delta R.T.: 0.020 min
Response: 66060542
Conc: 166.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



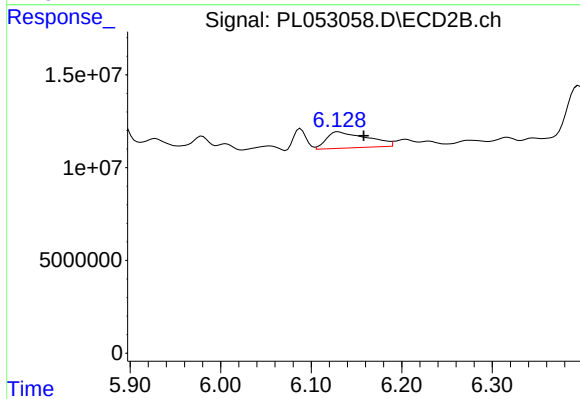
#24 Chlordane-2

R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 67817523
Conc: 605.93 ng/ml



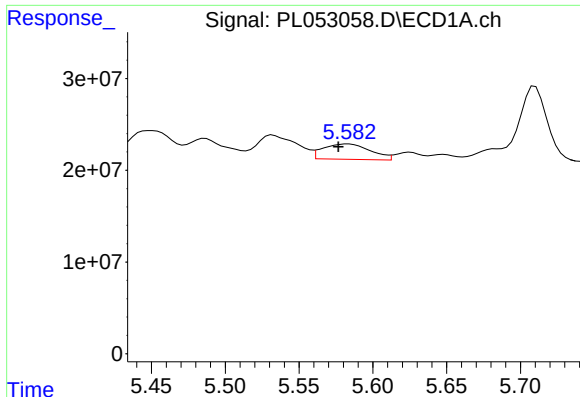
#25 Chlordane-3

R.T.: 5.532 min
Delta R.T.: 0.015 min
Response: 47868795
Conc: 41.31 ng/ml



#25 Chlordane-3

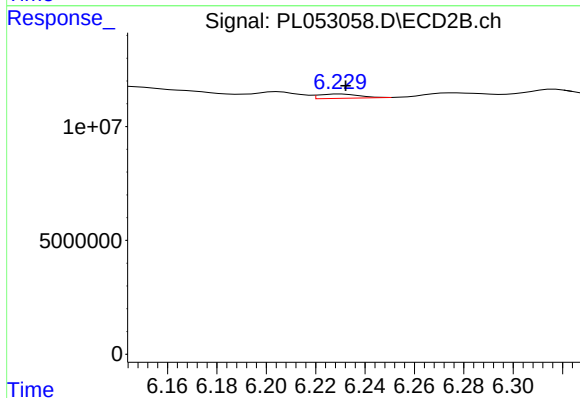
R.T.: 6.130 min
Delta R.T.: -0.028 min
Response: 27256768
Conc: 62.59 ng/ml



#26 Chlordane-4

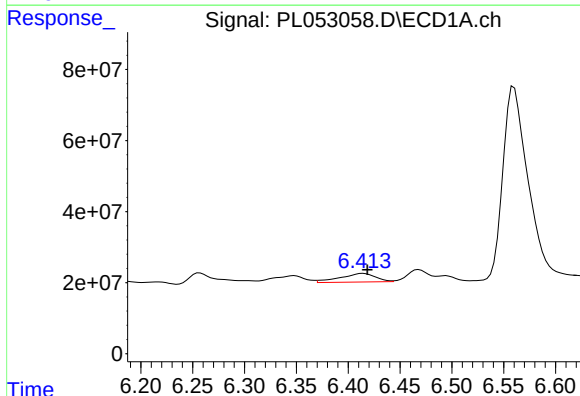
R.T.: 5.583 min
Delta R.T.: 0.007 min
Response: 37303625
Conc: 39.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



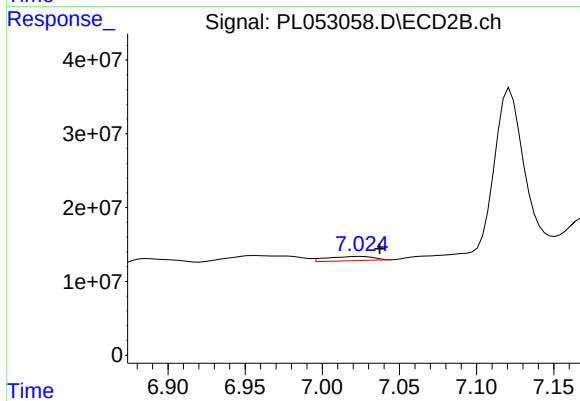
#26 Chlordane-4

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 2142071
Conc: 4.03 ng/ml



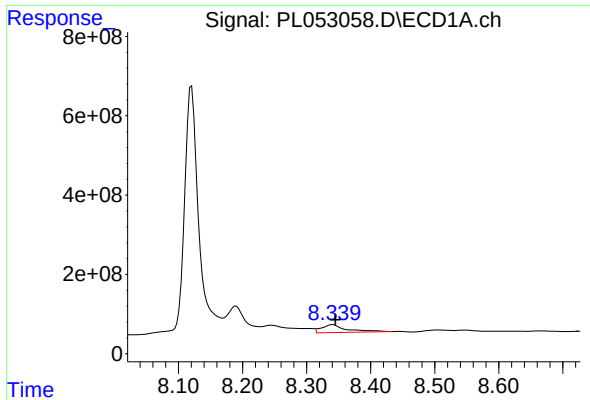
#27 Chlordane-5

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 57526545
Conc: 145.85 ng/ml



#27 Chlordane-5

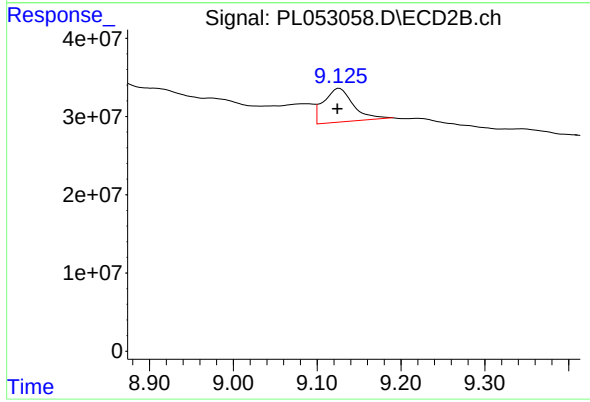
R.T.: 7.025 min
Delta R.T.: -0.012 min
Response: 12186204
Conc: 138.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.341 min
Delta R.T.: -0.005 min
Response: 542358908
Conc: 54.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMPOSITE-4



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.002 min
Response: 117681049
Conc: 40.11 ng/ml