

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090919\
 Data File : PL052304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2019 17:26
 Operator : SG\AJ
 Sample : K4736-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-GF-02-045-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 03:44:32 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...	3.312	3.922	108.2E6	28106647	12.642	12.865
28)	SA Decachlor...	7.968	8.945	98388060	22967368	8.106	7.545
Target Compounds							
2)	A alpha-BHC	0.000	4.316	0	2724411	N.D.	0.845 #
3)	MA gamma-BHC...	0.000	4.609	0	3178321	N.D.	1.010 #
4)	MA Heptachlor	4.297	5.094	75821855	16139619	5.008	4.602
5)	MB Aldrin	4.536	5.427f	33265284	452921	2.302	0.138 #
6)	B beta-BHC	4.297f	4.790	75821855	3352005	13.279	2.300 #
7)	B delta-BHC	4.453	5.011f	15179741	864261	1.021	0.276 #
8)	Heptachlo...	5.003f	5.801	-465199	9919655	N.D.	2.939
9)	A Endosulfan I	5.328f	0.000	3965702	0	0.295	N.D. #
10)	B gamma-Chl...	5.193	6.016	152.3E6	59793503	10.200	16.377 #
11)	B alpha-Chl...	5.247	6.089	262.0E6	107.2E6	18.104	31.075 #
12)	B 4,4'-DDE	5.415	6.246	60642115	18078812	4.431	5.136
13)	MA Dieldrin	5.554	6.386	42553077	770886	2.799	0.225 #
14)	MA Endrin	5.795	6.606	15204382	-226464	1.042	N.D. #
15)	B Endosulfa...	6.068	6.805f	73780001	1488387	5.303	0.452 #
16)	A 4,4'-DDD	5.923	6.741	13614205	5955339	1.112	2.200 #
17)	MA 4,4'-DDT	6.158	7.034	93714360	13200036	7.349	4.509 #
18)	B Endrin al...	6.247	6.943	11766759	1273477	1.011	0.451 #
19)	B Endosulfa...	6.434f	0.000	9486502	0	0.729	N.D. #
20)	A Methoxychlor	6.682f	7.530f	32064656	475214	4.729	0.283 #
21)	B Endrin ke...	6.951f	0.000	6140618	0	0.434	N.D. #
23)	Chlordane-1	4.150	4.906	109.4E6	28688871	339.556	316.353
24)	Chlordane-2	4.639	5.373	132.1E6	28939144	323.265	288.323
25)	Chlordane-3	5.211	6.016	204.3E6	59793503	157.389	134.205
26)	Chlordane-4	5.247	6.089	262.0E6	107.2E6	214.860	197.453
27)	Chlordane-5	6.068	6.890	73780001	20871901	150.351	211.718 #

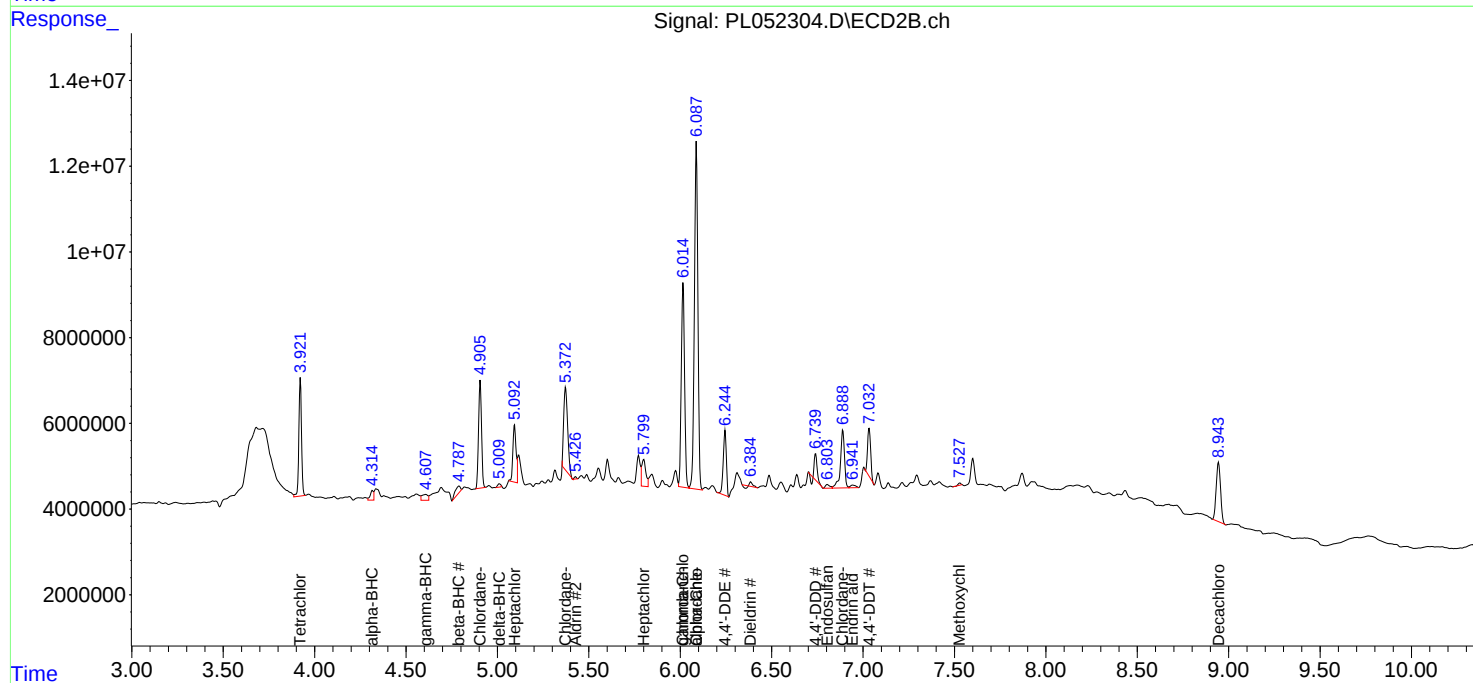
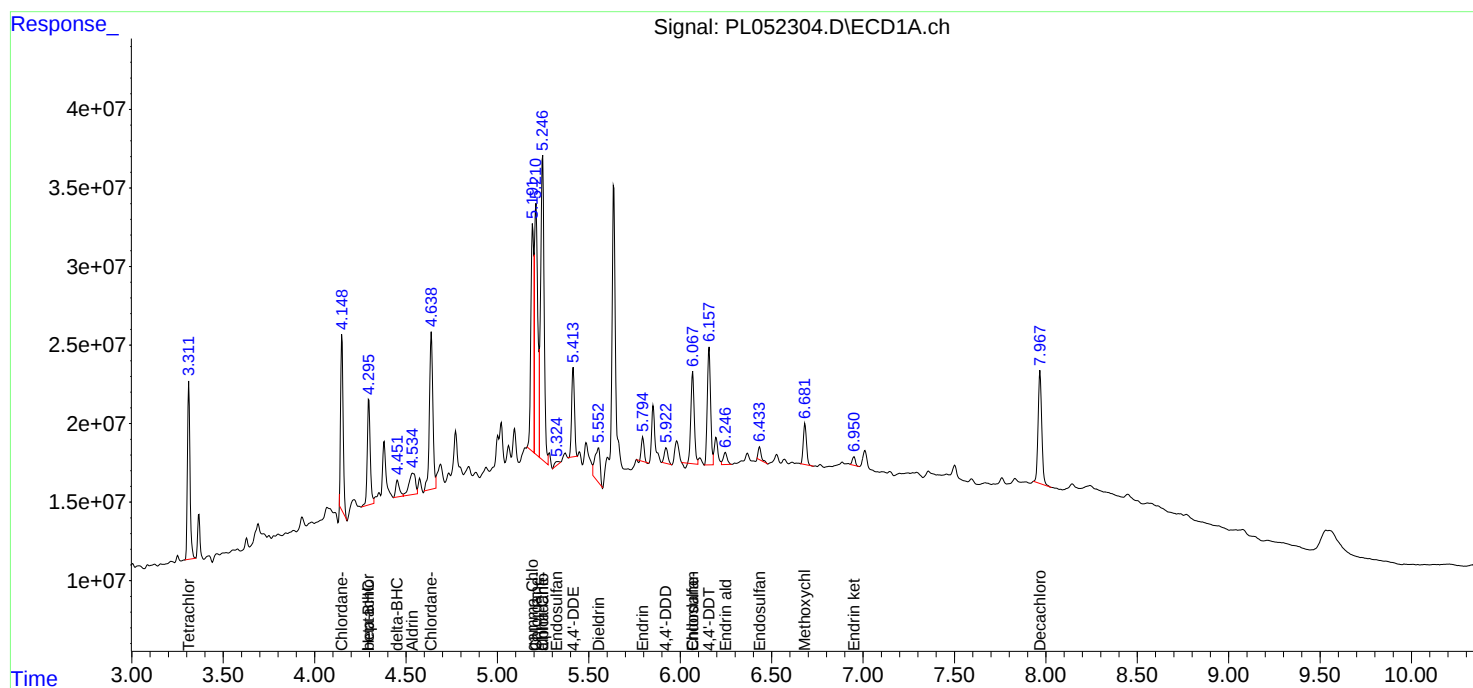
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

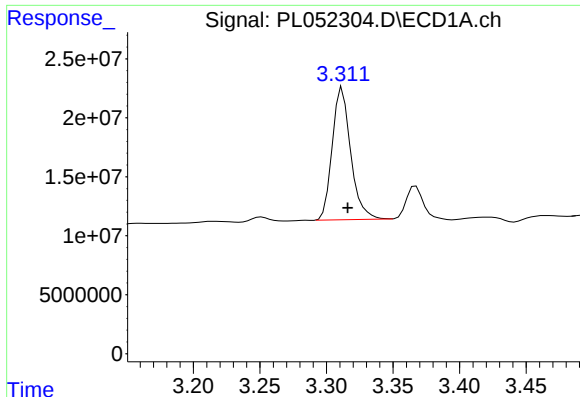
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090919\
Data File : PL052304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2019 17:26
Operator : SG\AJ
Sample : K4736-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
FK-GF-02-045-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 03:44:32 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

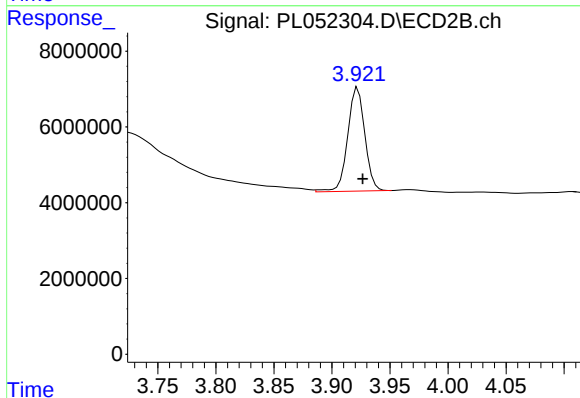




#1 Tetrachloro-m-xylene

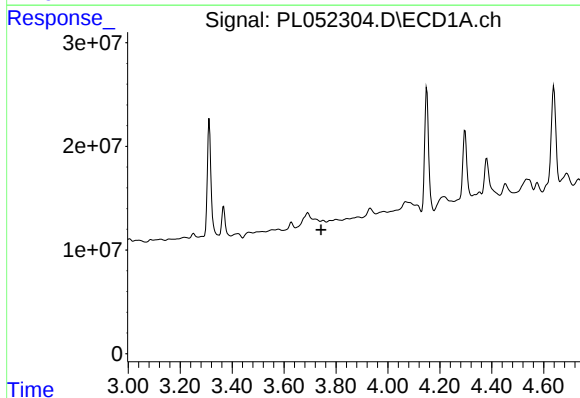
R.T.: 3.312 min
Delta R.T.: -0.004 min
Response: 108194156
Conc: 12.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



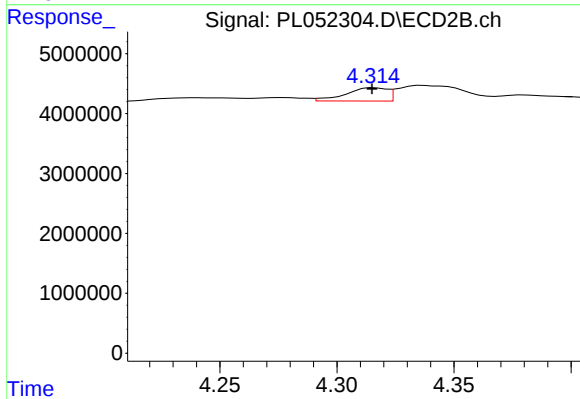
#1 Tetrachloro-m-xylene

R.T.: 3.922 min
Delta R.T.: -0.004 min
Response: 28106647
Conc: 12.86 ng/ml



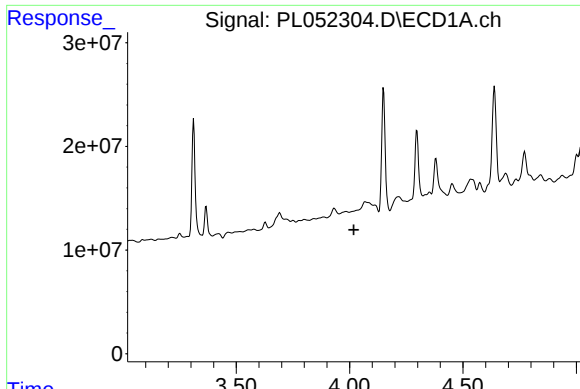
#2 alpha-BHC

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



#2 alpha-BHC

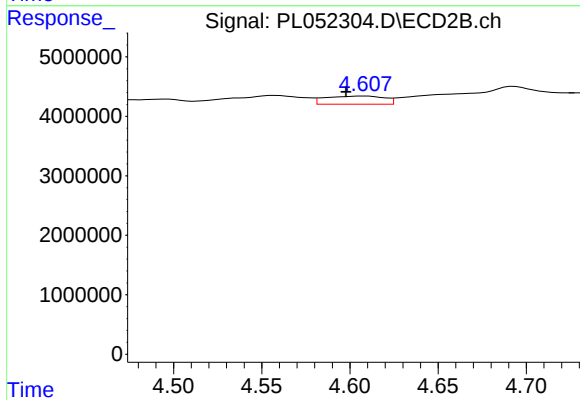
R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 2724411
Conc: 0.85 ng/ml



#3 gamma-BHC (Lindane)

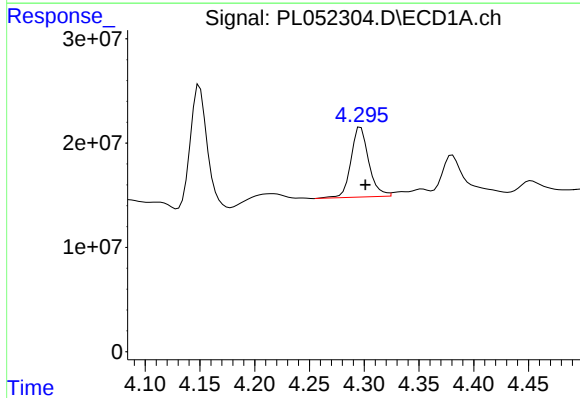
R.T.: 0.000 min
Exp R.T.: 4.018 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



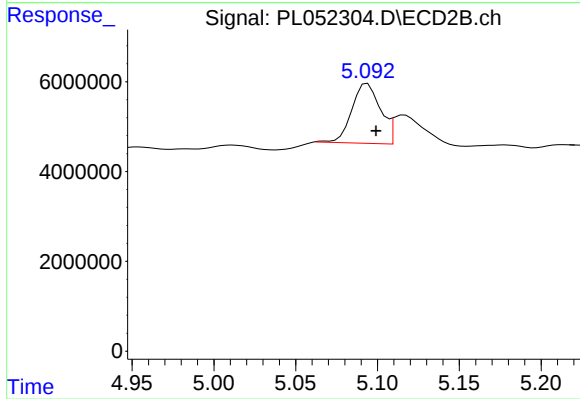
#3 gamma-BHC (Lindane)

R.T.: 4.609 min
Delta R.T.: 0.011 min
Response: 3178321
Conc: 1.01 ng/ml



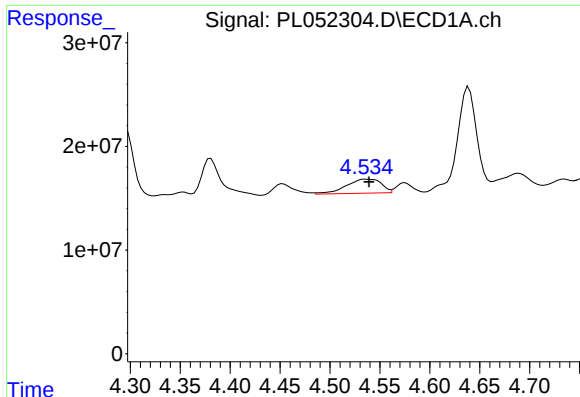
#4 Heptachlor

R.T.: 4.297 min
Delta R.T.: -0.004 min
Response: 75821855
Conc: 5.01 ng/ml



#4 Heptachlor

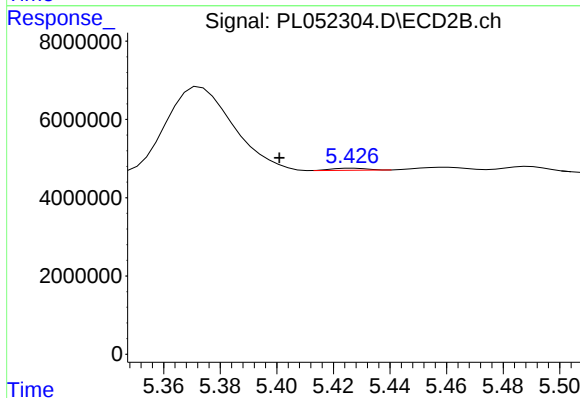
R.T.: 5.094 min
Delta R.T.: -0.005 min
Response: 16139619
Conc: 4.60 ng/ml



#5 Aldrin

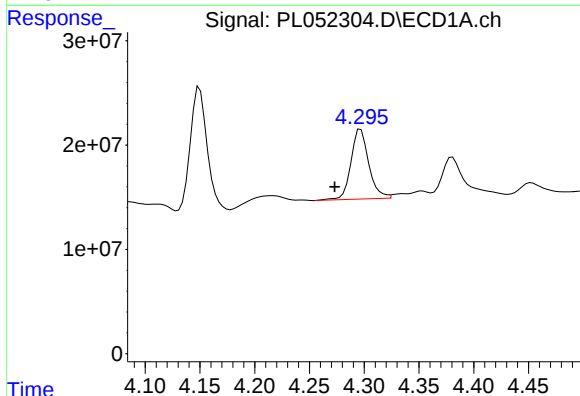
R.T.: 4.536 min
Delta R.T.: -0.004 min
Response: 33265284
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



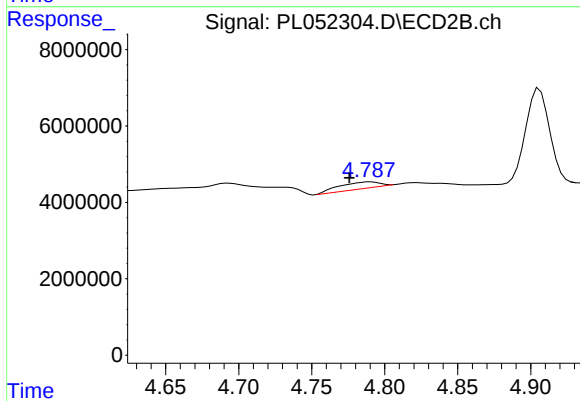
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: 0.026 min
Response: 452921
Conc: 0.14 ng/ml



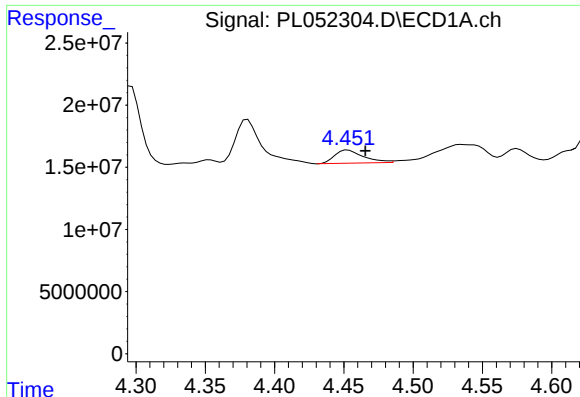
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: 0.024 min
Response: 75821855
Conc: 13.28 ng/ml



#6 beta-BHC

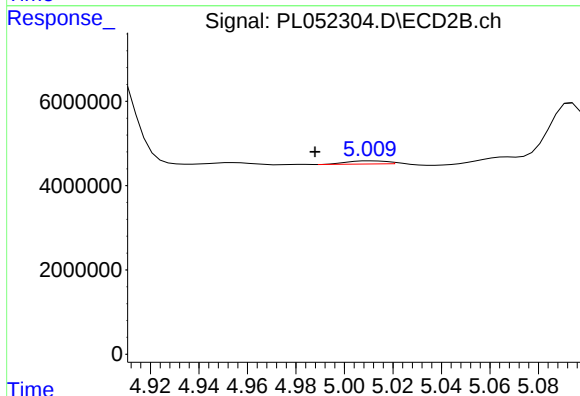
R.T.: 4.790 min
Delta R.T.: 0.014 min
Response: 3352005
Conc: 2.30 ng/ml



#7 delta-BHC

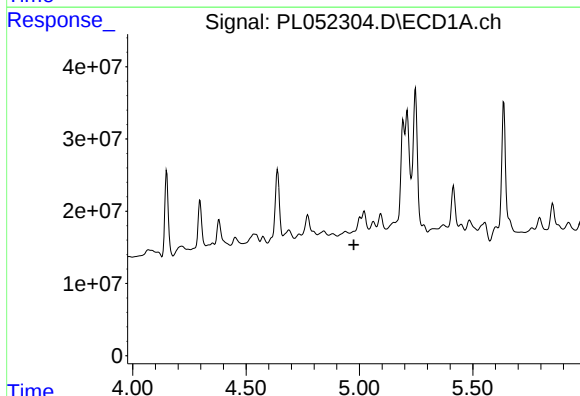
R.T.: 4.453 min
Delta R.T.: -0.013 min
Response: 15179741
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



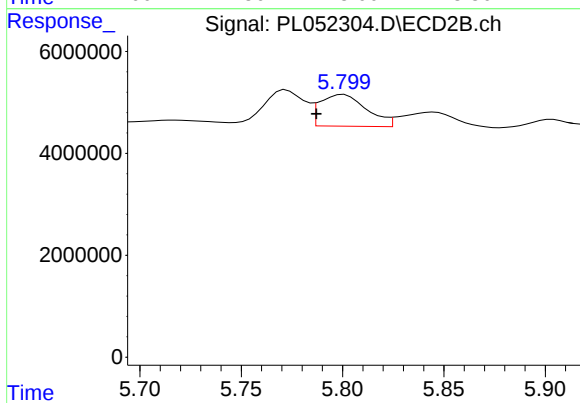
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.023 min
Response: 864261
Conc: 0.28 ng/ml



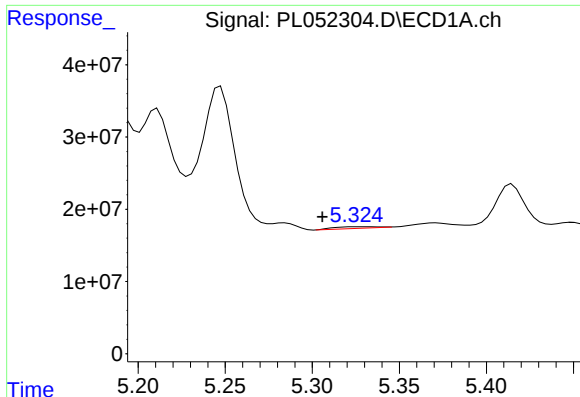
#8 Heptachlor epoxide

R.T.: 5.003 min
Delta R.T.: 0.027 min
Response: -465199
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 5.801 min
Delta R.T.: 0.014 min
Response: 9919655
Conc: 2.94 ng/ml



#9 Endosulfan I

R.T.: 5.328 min
Delta R.T.: 0.022 min
Response: 3965702
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B

#9 Endosulfan I

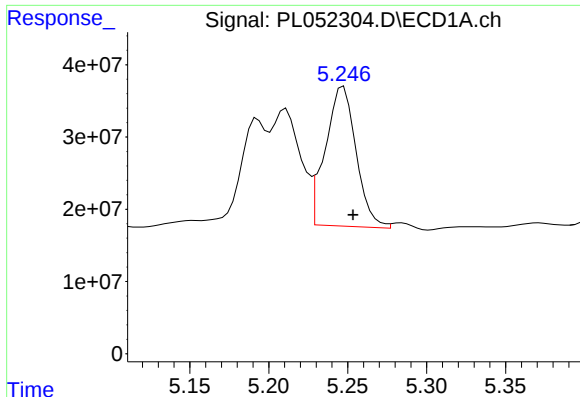
R.T.: 0.000 min
Exp R.T. : 6.143 min
Response: 0
Conc: N.D.

#10 gamma-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.004 min
Response: 152303128
Conc: 10.20 ng/ml

#10 gamma-Chlordane

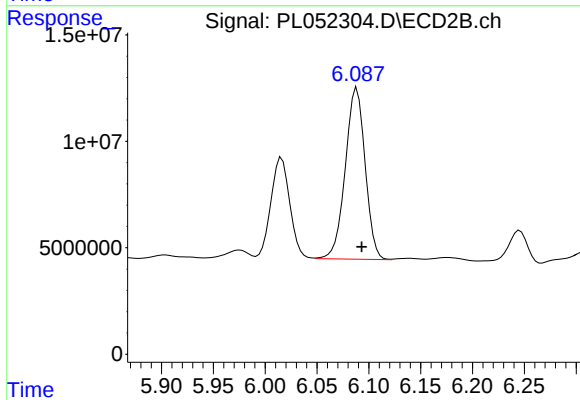
R.T.: 6.016 min
Delta R.T.: -0.004 min
Response: 59793503
Conc: 16.38 ng/ml



#11 alpha-Chlordane

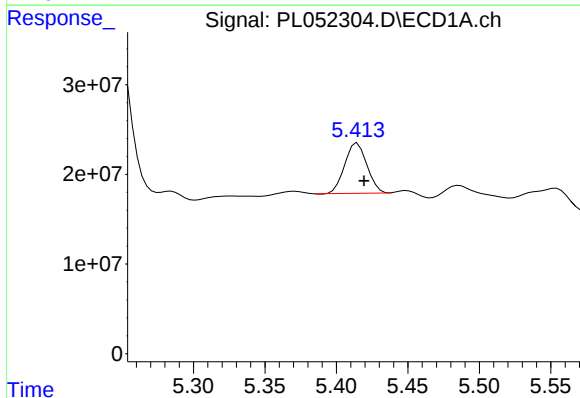
R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 261991014
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



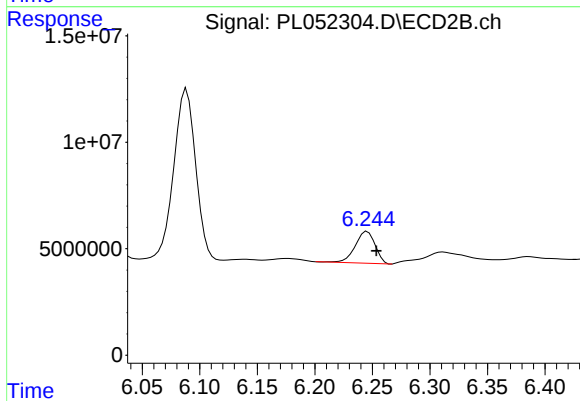
#11 alpha-Chlordane

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 107239330
Conc: 31.08 ng/ml



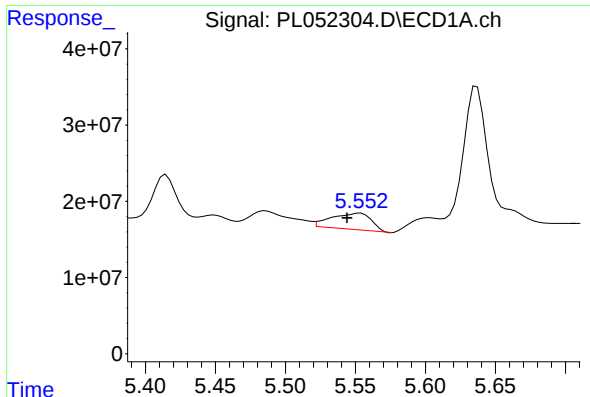
#12 4,4'-DDE

R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 60642115
Conc: 4.43 ng/ml



#12 4,4'-DDE

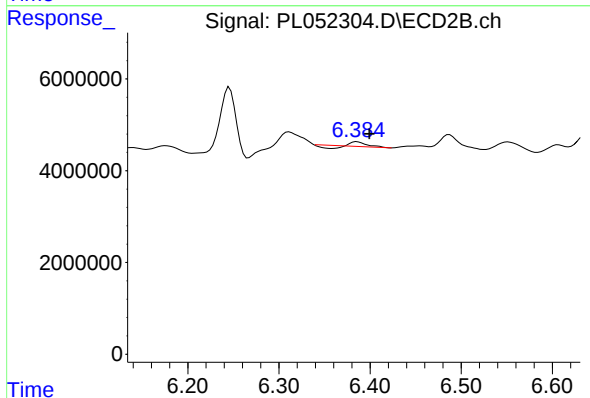
R.T.: 6.246 min
Delta R.T.: -0.008 min
Response: 18078812
Conc: 5.14 ng/ml



#13 Dieldrin

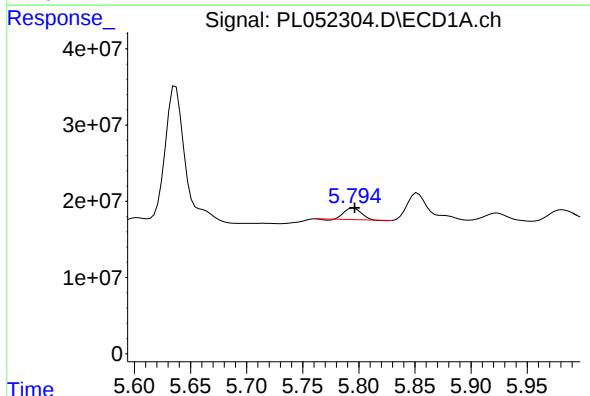
R.T.: 5.554 min
Delta R.T.: 0.010 min
Response: 42553077
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



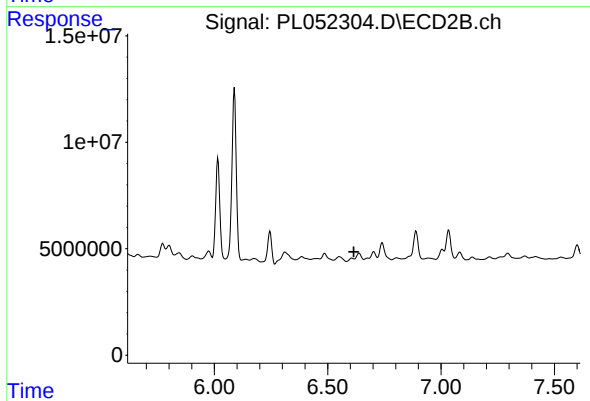
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: -0.014 min
Response: 770886
Conc: 0.23 ng/ml



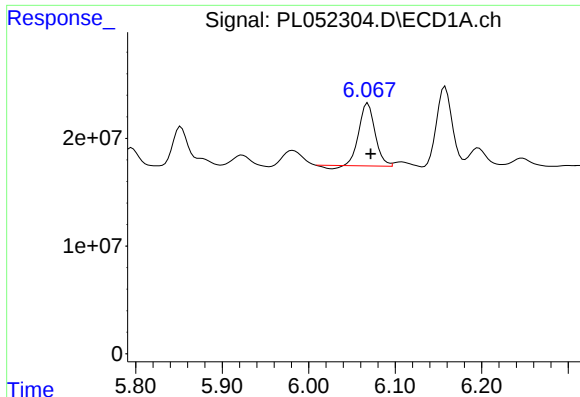
#14 Endrin

R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 15204382
Conc: 1.04 ng/ml



#14 Endrin

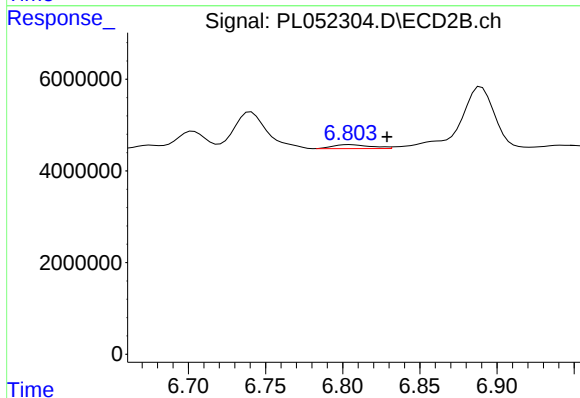
R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: -226464
Conc: N.D.



#15 Endosulfan II

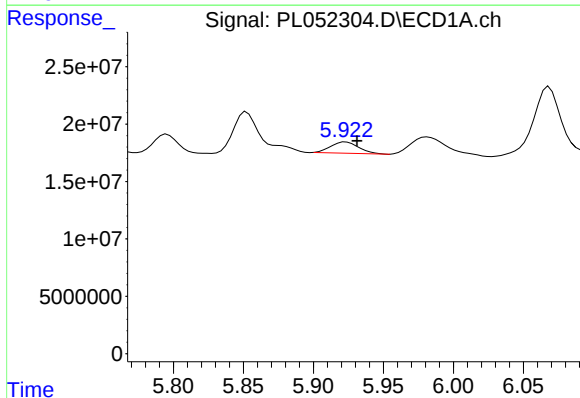
R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 73780001
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



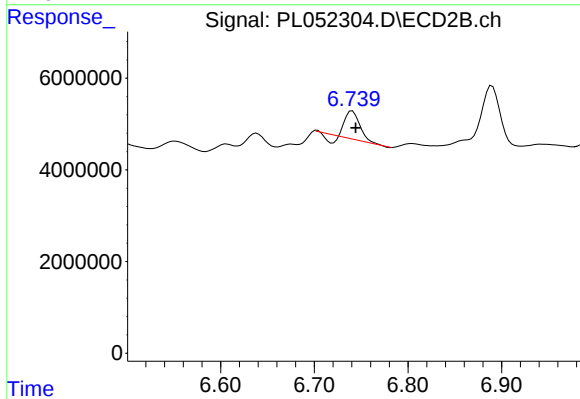
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: -0.024 min
Response: 1488387
Conc: 0.45 ng/ml



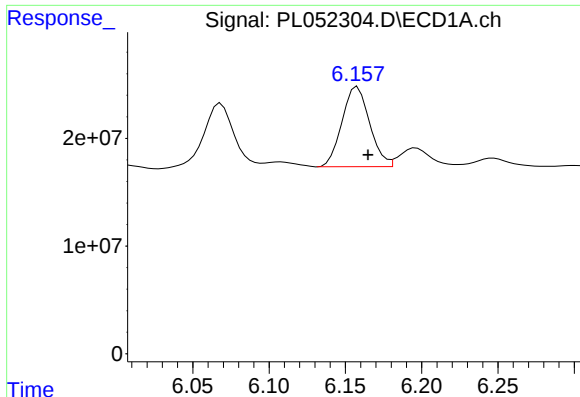
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 13614205
Conc: 1.11 ng/ml



#16 4,4'-DDD

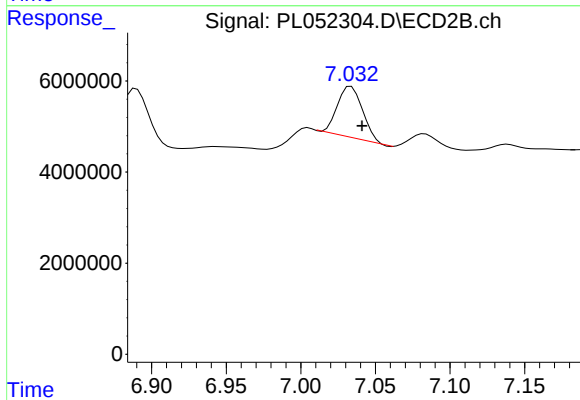
R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 5955339
Conc: 2.20 ng/ml



#17 4,4'-DDT

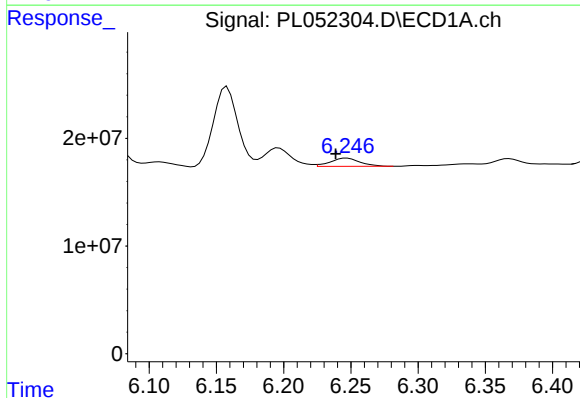
R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 93714360
Conc: 7.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



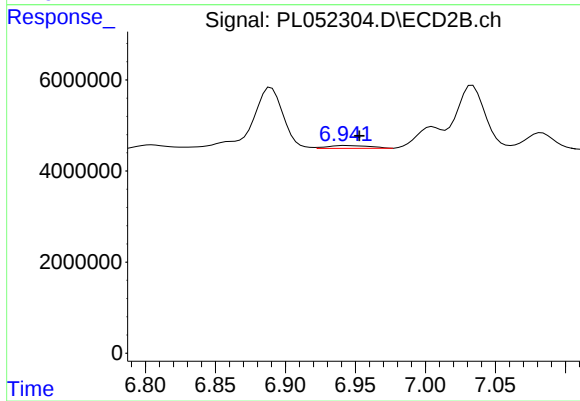
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.007 min
Response: 13200036
Conc: 4.51 ng/ml



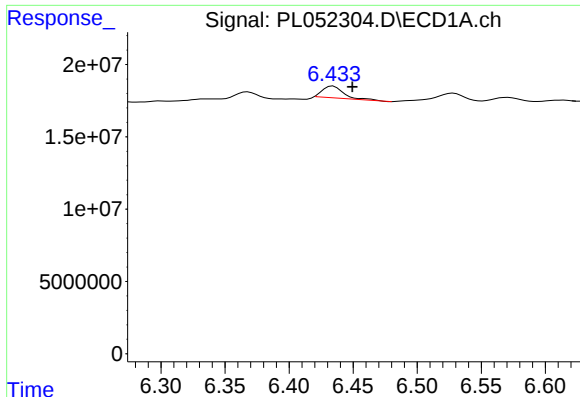
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 11766759
Conc: 1.01 ng/ml



#18 Endrin aldehyde

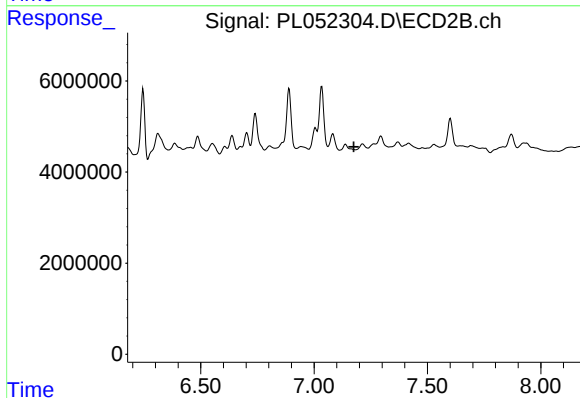
R.T.: 6.943 min
Delta R.T.: -0.010 min
Response: 1273477
Conc: 0.45 ng/ml



#19 Endosulfan Sulfate

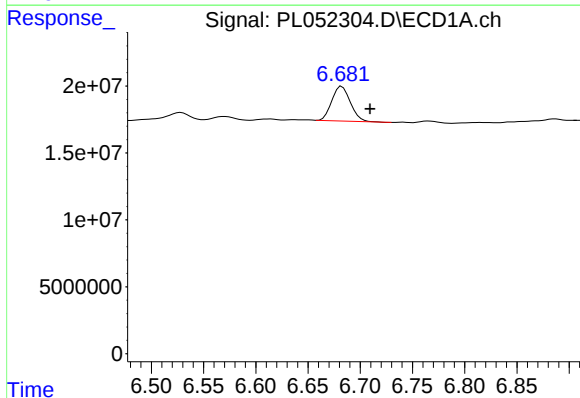
R.T.: 6.434 min
Delta R.T.: -0.015 min
Response: 9486502
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



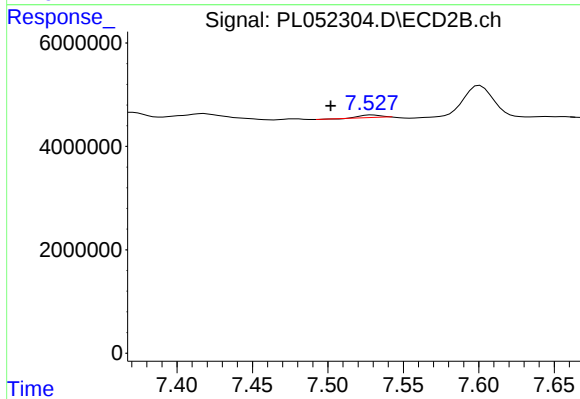
#19 Endosulfan Sulfate

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



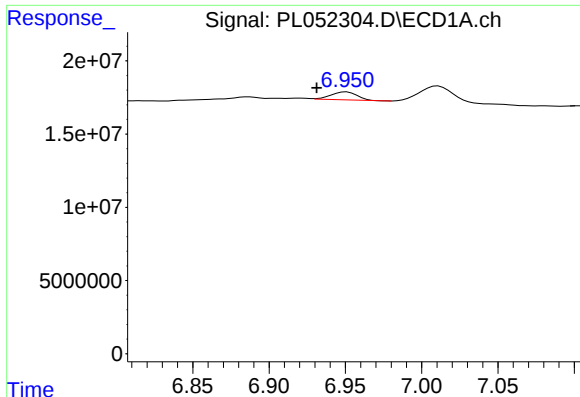
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.027 min
Response: 32064656
Conc: 4.73 ng/ml



#20 Methoxychlor

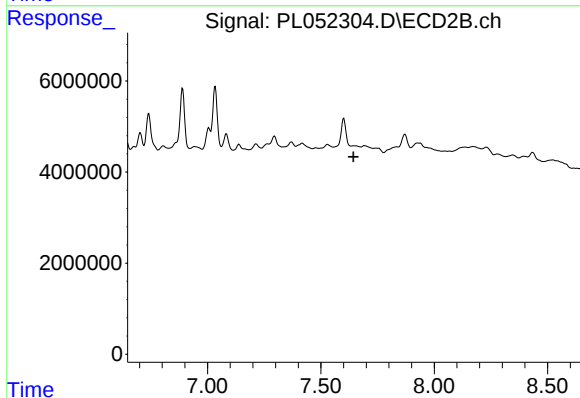
R.T.: 7.530 min
Delta R.T.: 0.028 min
Response: 475214
Conc: 0.28 ng/ml



#21 Endrin ketone

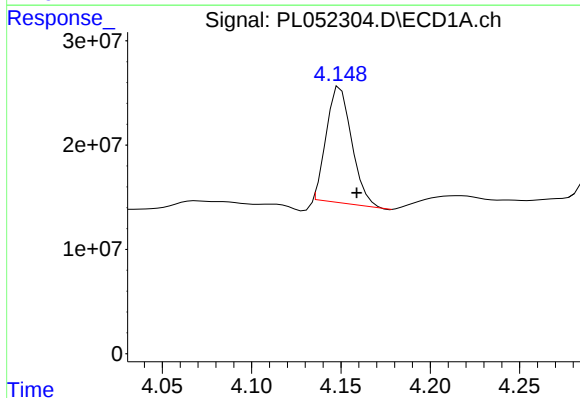
R.T.: 6.951 min
Delta R.T.: 0.020 min
Response: 6140618
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



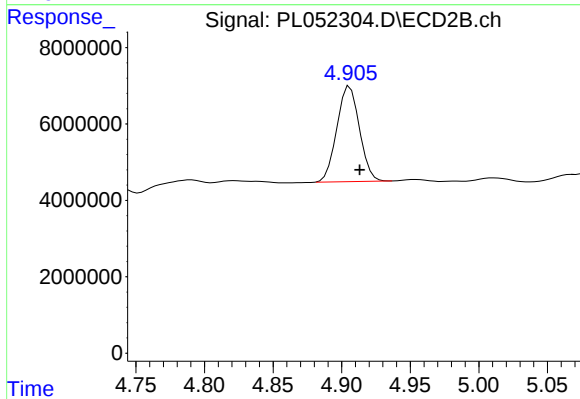
#21 Endrin ketone

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



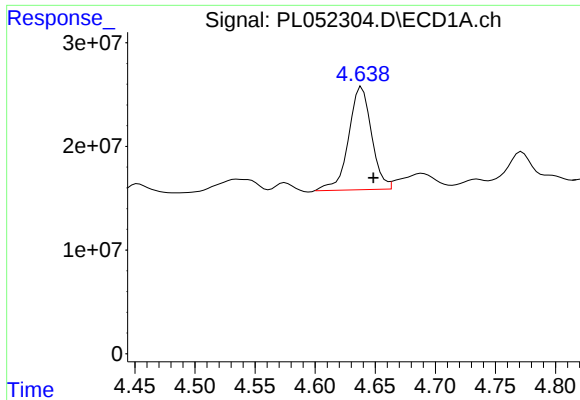
#23 Chlordane-1

R.T.: 4.150 min
Delta R.T.: -0.009 min
Response: 109394583
Conc: 339.56 ng/ml



#23 Chlordane-1

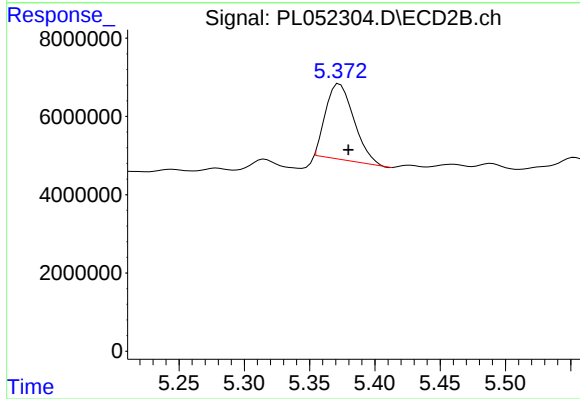
R.T.: 4.906 min
Delta R.T.: -0.007 min
Response: 28688871
Conc: 316.35 ng/ml



#24 Chlordane-2

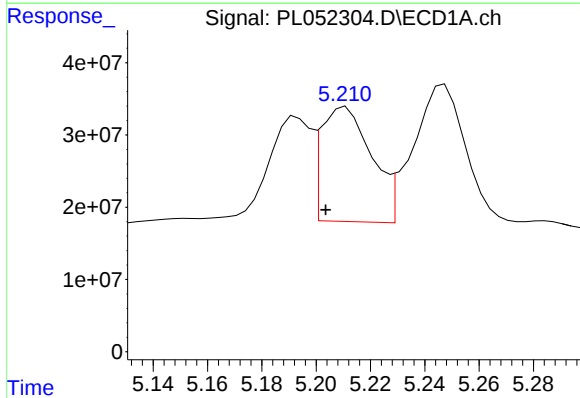
R.T.: 4.639 min
Delta R.T.: -0.010 min
Response: 132123516
Conc: 323.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



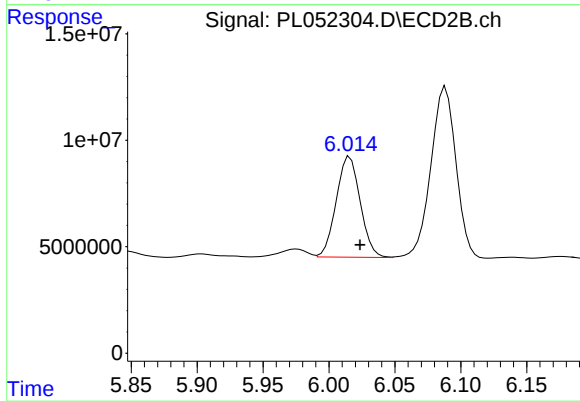
#24 Chlordane-2

R.T.: 5.373 min
Delta R.T.: -0.007 min
Response: 28939144
Conc: 288.32 ng/ml



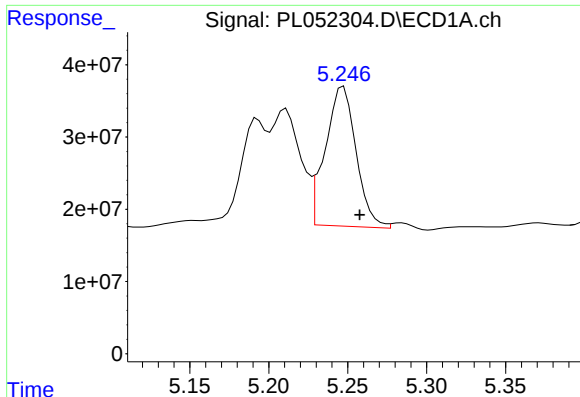
#25 Chlordane-3

R.T.: 5.211 min
Delta R.T.: 0.007 min
Response: 204344066
Conc: 157.39 ng/ml



#25 Chlordane-3

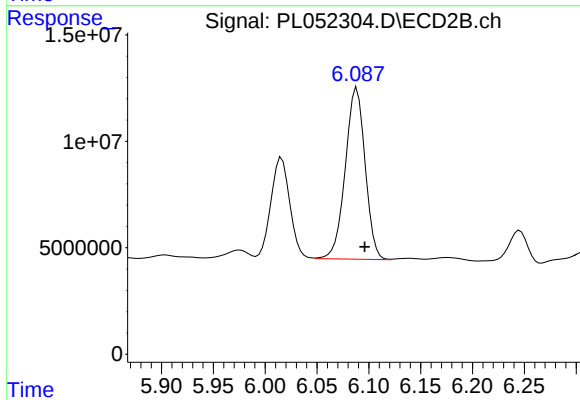
R.T.: 6.016 min
Delta R.T.: -0.008 min
Response: 59793503
Conc: 134.20 ng/ml



#26 Chlordane-4

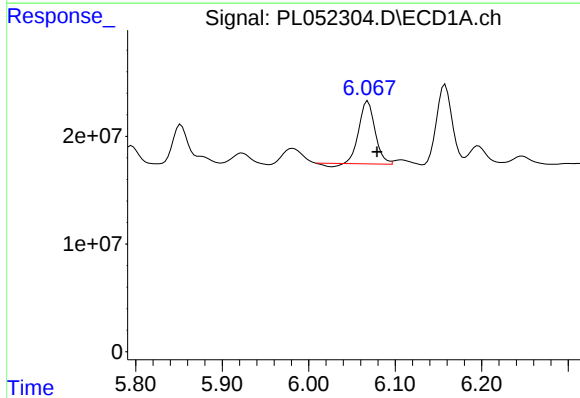
R.T.: 5.247 min
Delta R.T.: -0.010 min
Response: 261991014
Conc: 214.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



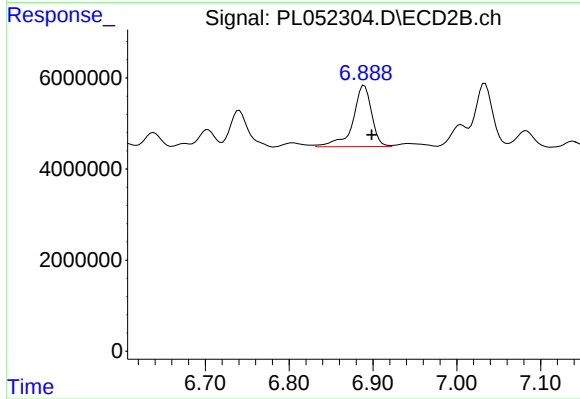
#26 Chlordane-4

R.T.: 6.089 min
Delta R.T.: -0.007 min
Response: 107239330
Conc: 197.45 ng/ml



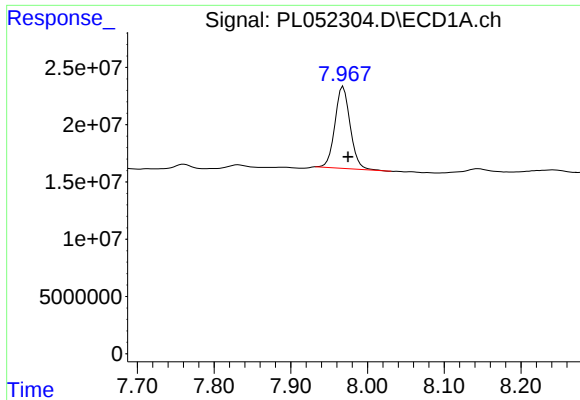
#27 Chlordane-5

R.T.: 6.068 min
Delta R.T.: -0.011 min
Response: 73780001
Conc: 150.35 ng/ml



#27 Chlordane-5

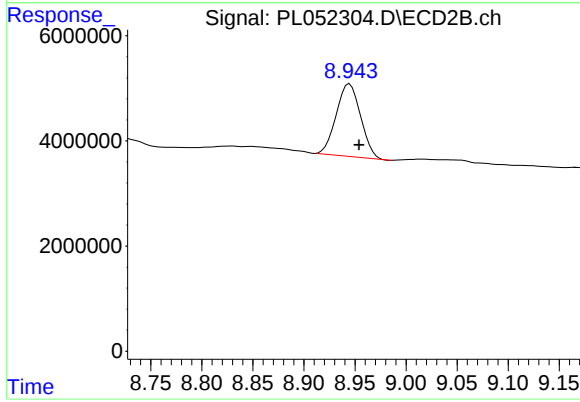
R.T.: 6.890 min
Delta R.T.: -0.009 min
Response: 20871901
Conc: 211.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.968 min
Delta R.T.: -0.006 min
Response: 98388060
Conc: 8.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-045-B



#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: -0.009 min
Response: 22967368
Conc: 7.55 ng/ml