

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071823\
 Data File : PL083996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 19:43
 Operator : AR\AJ
 Sample : 03638-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

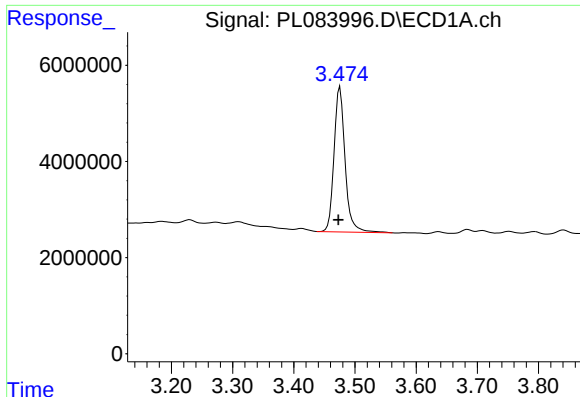
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:20:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.476	2.688	37877763	19737552	18.940	17.772
28)	SA Decachlor...	9.021	7.869	24215497	19793791	18.604	17.814
Target Compounds							
2)	A alpha-BHC	3.933	3.193	168.2E6	89157642	57.414	55.451
3)	MA gamma-BHC...	4.266	3.524	157.1E6	83492376	55.606	54.904
4)	MA Heptachlor	4.859	3.865	178.3E6	79713625	65.618	67.641
5)	MB Aldrin	5.201	4.145	159.9E6	81090796	55.811	53.779
6)	B beta-BHC	4.465	3.825	71093284	36659971	59.252	55.540
7)	B delta-BHC	4.712	4.054	162.8E6	83485199	61.065	55.192
8)	B Heptachlo...	5.631	4.651	147.8E6	71619662	55.356	55.771
9)	A Endosulfan I	6.016	5.022	132.4E6	67847112	55.918	55.316
10)	B gamma-Chl...	5.888	4.904	139.7E6	75532716	54.106	56.699
11)	B alpha-Chl...	5.968	4.969	138.0E6	74682829	54.267	55.438
12)	B 4,4'-DDE	6.147	5.167	114.9E6	69111777	57.129	56.264
13)	MA Dieldrin	6.293	5.289	126.4E6	72066921	52.889	55.336
14)	MA Endrin	6.523	5.564	105.6E6	65785416	55.424	59.846
15)	B Endosulfa...	6.743	5.862	94978229	62626252	50.674	54.488
16)	A 4,4'-DDD	6.665	5.725	90612762	54551287	61.703	56.863
17)	MA 4,4'-DDT	6.980	5.977	93909200	62127964	58.885	68.213
18)	B Endrin al...	6.874	6.043	76794747	49739452	52.416	55.331
19)	B Endosulfa...	7.109	6.268	94040147	62154501	54.400	56.554
20)	A Methoxychlor	7.462	6.561	41043885	35314033	52.471	73.687 #
21)	B Endrin ke...	7.594	6.772	91810250	71697048	52.389	55.489
22)	Mirex	8.070	6.954	72512079	55679272	50.674	54.552
23)	Chlordane-1	0.000	3.715f	0	1965779	N.D.	4.981 #
24)	Chlordane-2	5.156f	4.282	87874	43399	0.110	0.102
25)	Chlordane-3	5.888	4.904	139.7E6	75532716	39.799	55.089 #
26)	Chlordane-4	5.968	4.969	138.0E6	74682829	33.794	52.128 #
27)	Chlordane-5	0.000	5.862	0	62626252	N.D.	136.472 #

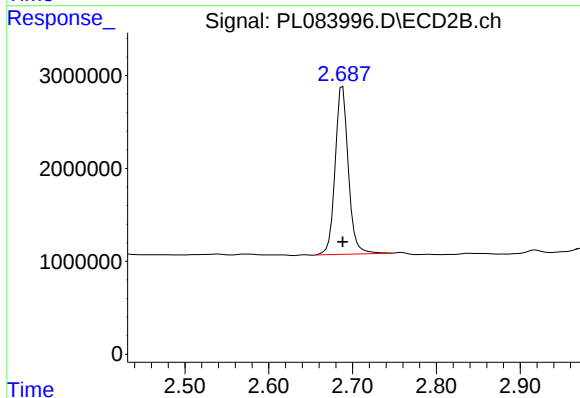
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

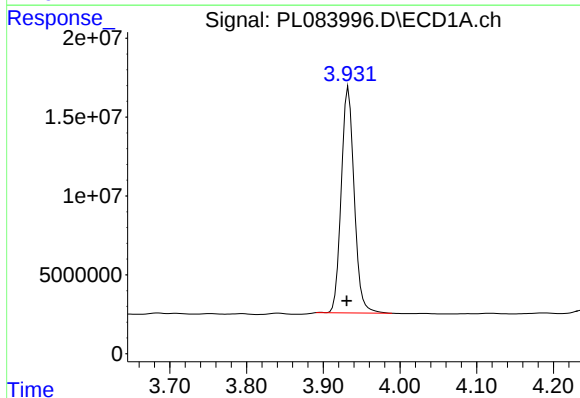
R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 37877763
Conc: 18.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



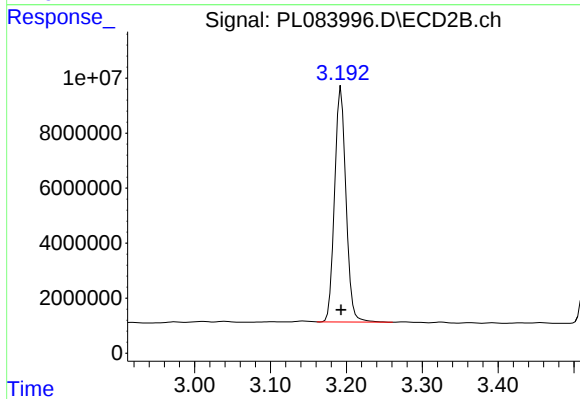
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 19737552
Conc: 17.77 ng/ml



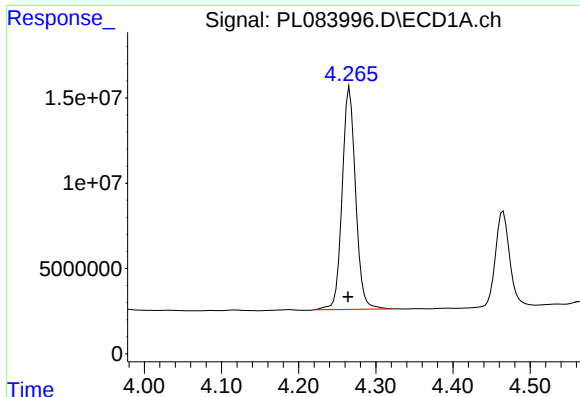
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 168211165
Conc: 57.41 ng/ml



#2 alpha-BHC

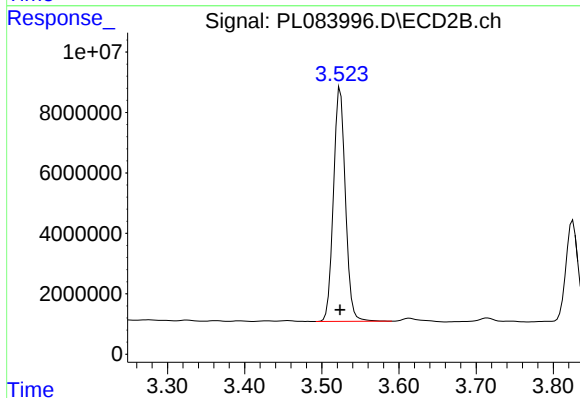
R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 89157642
Conc: 55.45 ng/ml



#3 gamma-BHC (Lindane)

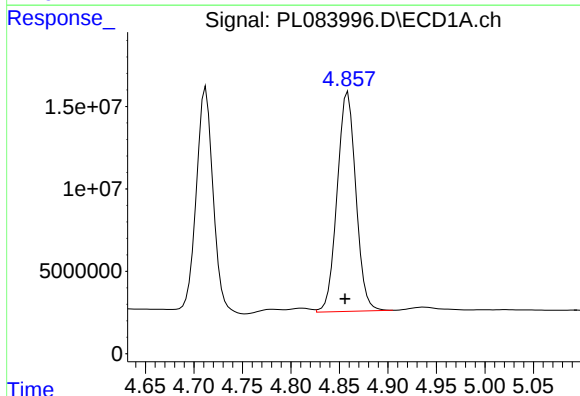
R.T.: 4.266 min
Delta R.T.: 0.002 min
Response: 157105659
Conc: 55.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



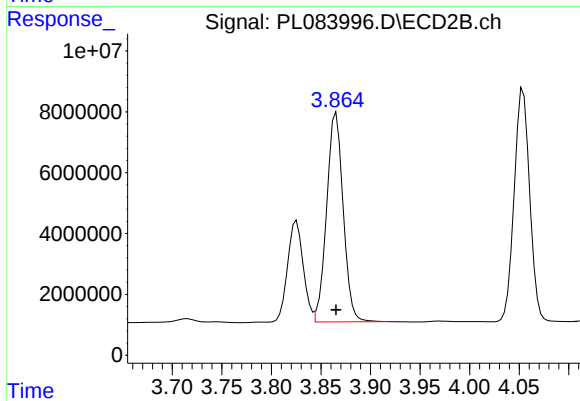
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 83492376
Conc: 54.90 ng/ml



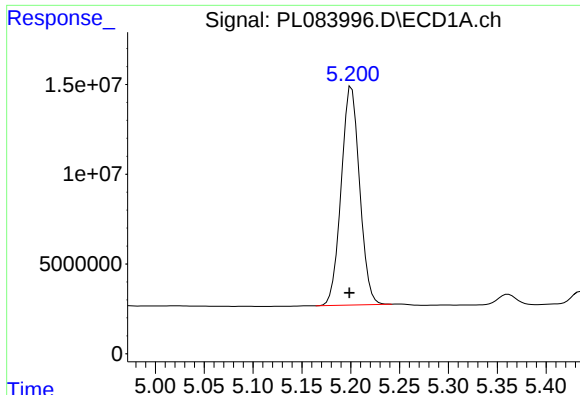
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 178320956
Conc: 65.62 ng/ml



#4 Heptachlor

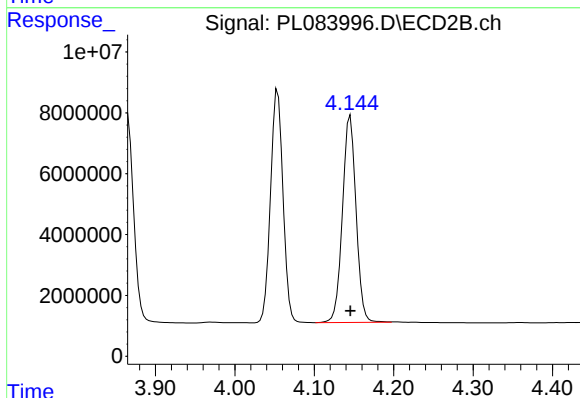
R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 79713625
Conc: 67.64 ng/ml



#5 Aldrin

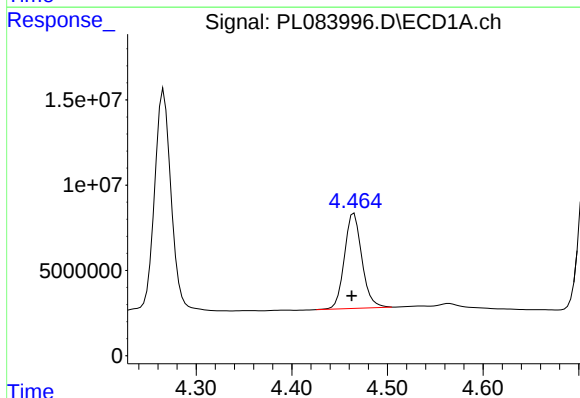
R.T.: 5.201 min
Delta R.T.: 0.002 min
Response: 159855963
Conc: 55.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



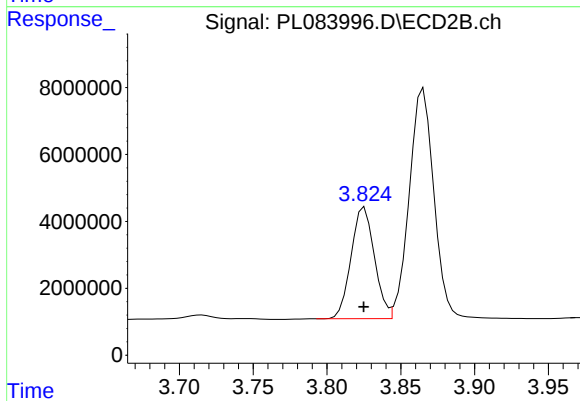
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 81090796
Conc: 53.78 ng/ml



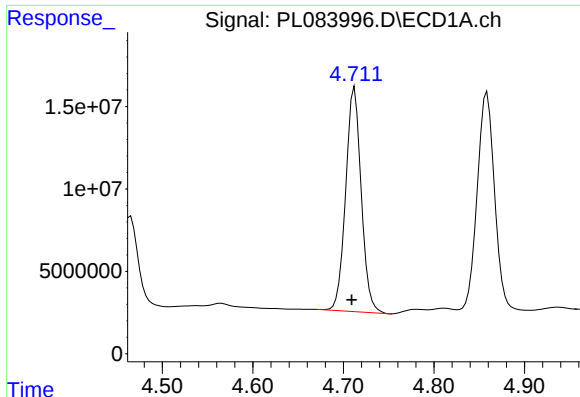
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 71093284
Conc: 59.25 ng/ml



#6 beta-BHC

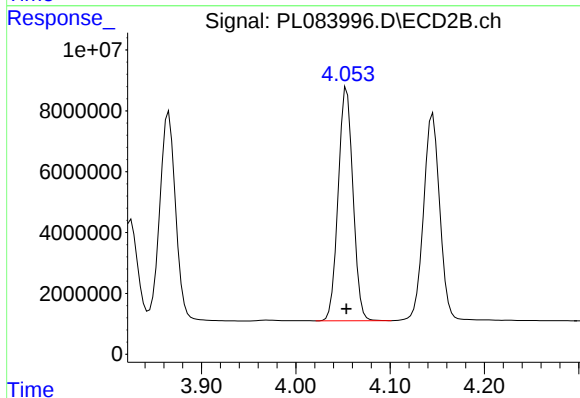
R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 36659971
Conc: 55.54 ng/ml



#7 delta-BHC

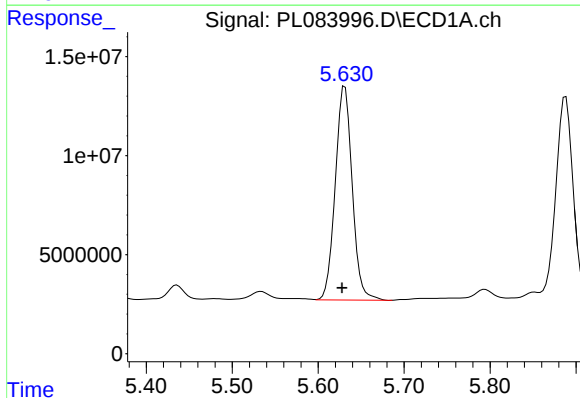
R.T.: 4.712 min
Delta R.T.: 0.003 min
Response: 162785136
Conc: 61.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



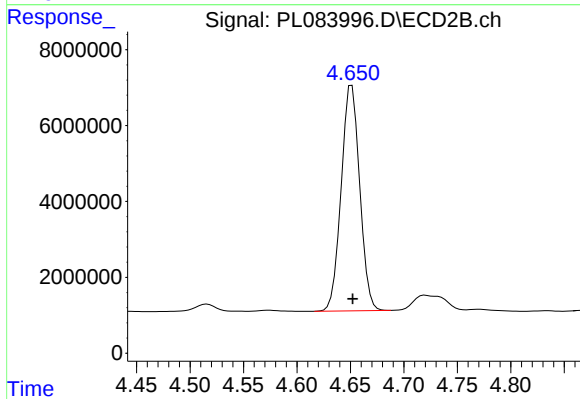
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 83485199
Conc: 55.19 ng/ml



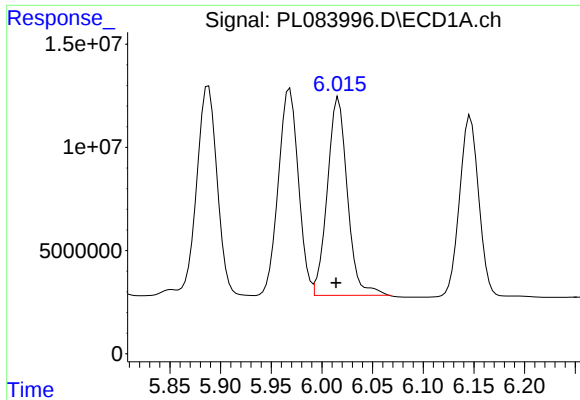
#8 Heptachlor epoxide

R.T.: 5.631 min
Delta R.T.: 0.003 min
Response: 147776985
Conc: 55.36 ng/ml



#8 Heptachlor epoxide

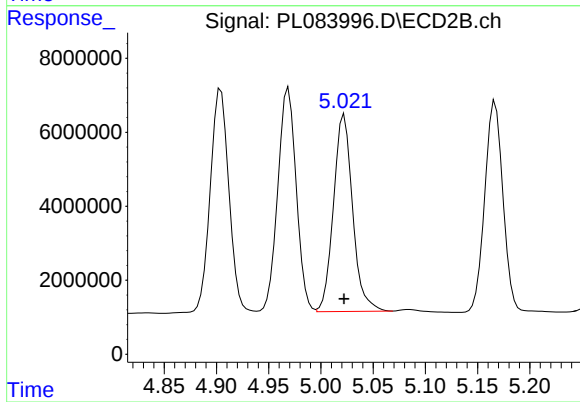
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 71619662
Conc: 55.77 ng/ml



#9 Endosulfan I

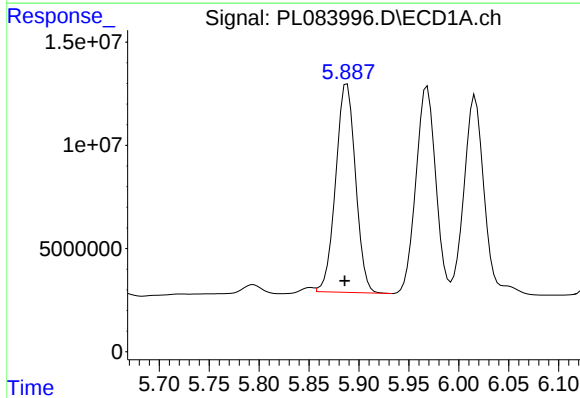
R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 132425201
Conc: 55.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



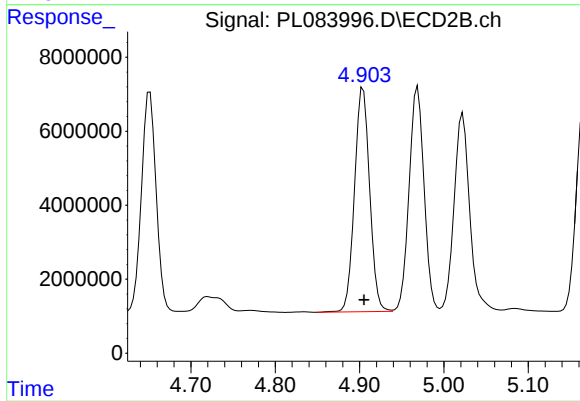
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 67847112
Conc: 55.32 ng/ml



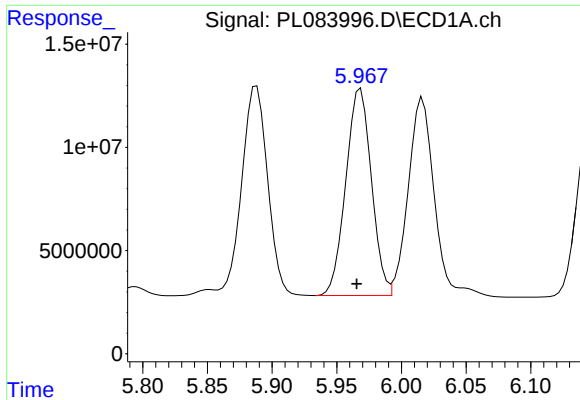
#10 gamma-Chlordane

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 139699213
Conc: 54.11 ng/ml



#10 gamma-Chlordane

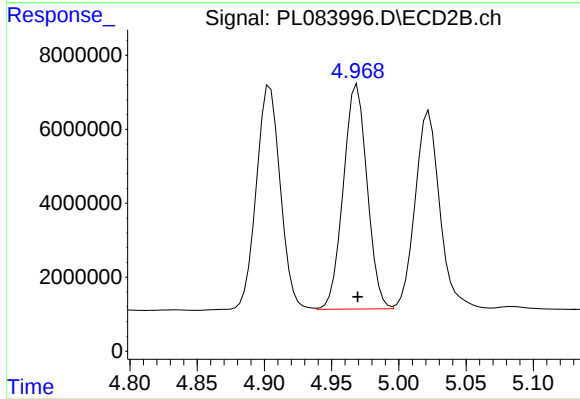
R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 75532716
Conc: 56.70 ng/ml



#11 alpha-Chlordane

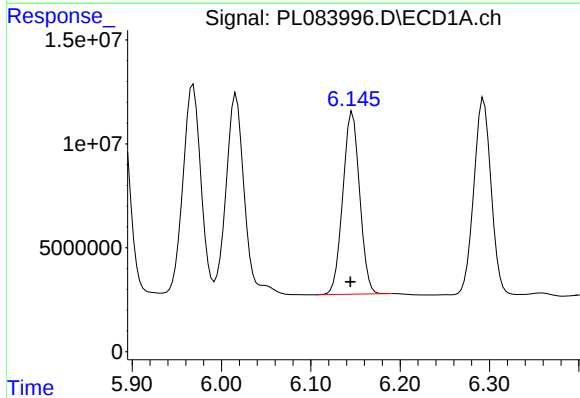
R.T.: 5.968 min
Delta R.T.: 0.003 min
Response: 137951163
Conc: 54.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



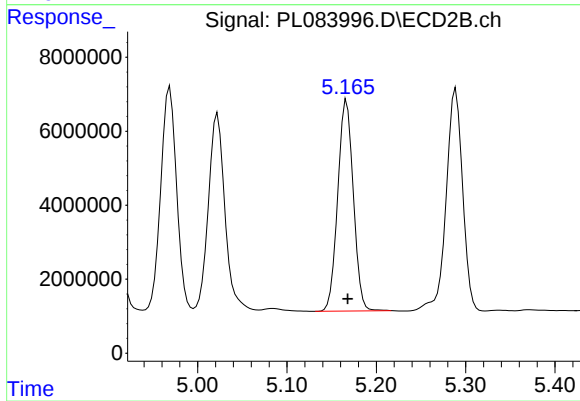
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 74682829
Conc: 55.44 ng/ml



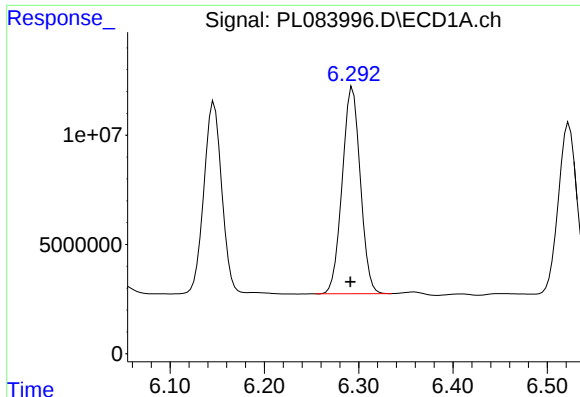
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 114943218
Conc: 57.13 ng/ml



#12 4,4'-DDE

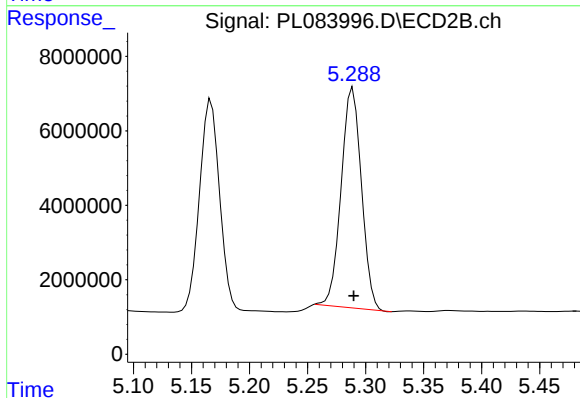
R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 69111777
Conc: 56.26 ng/ml



#13 Dieldrin

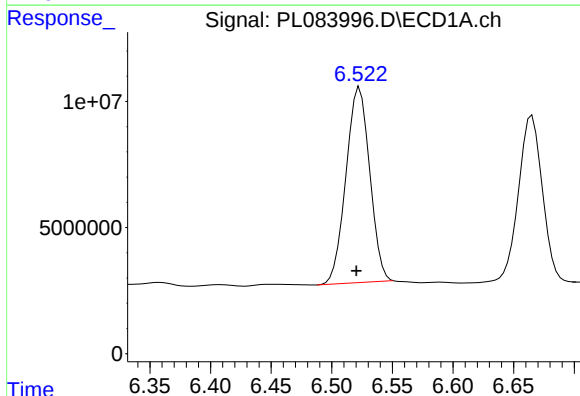
R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 126382262
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



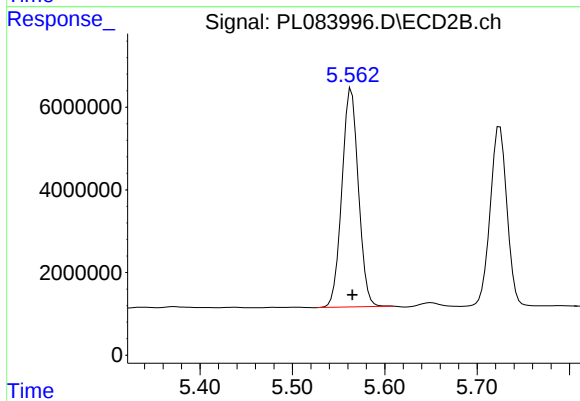
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 72066921
Conc: 55.34 ng/ml



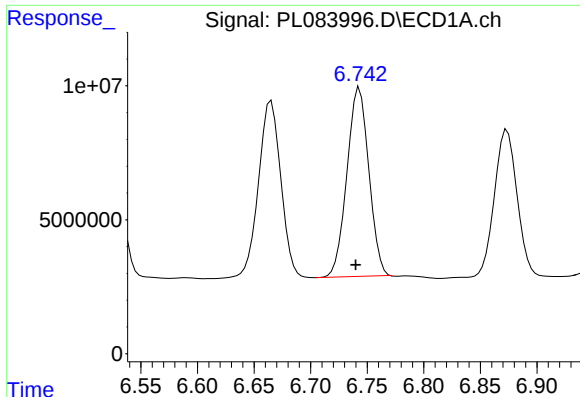
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 105551083
Conc: 55.42 ng/ml



#14 Endrin

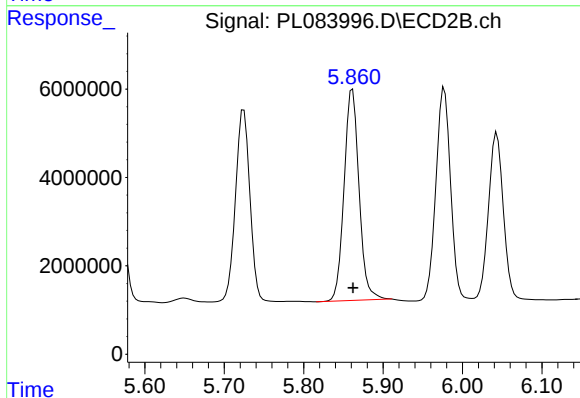
R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 65785416
Conc: 59.85 ng/ml



#15 Endosulfan II

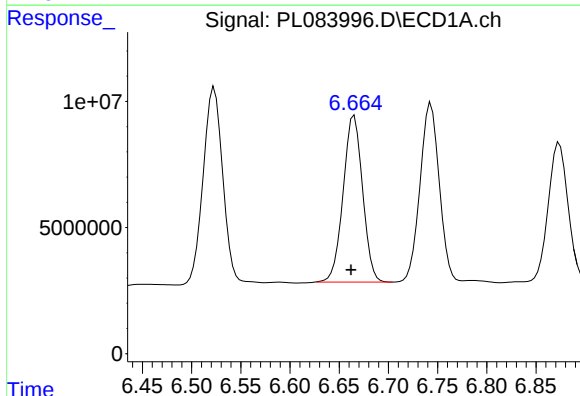
R.T.: 6.743 min
Delta R.T.: 0.003 min
Response: 94978229
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



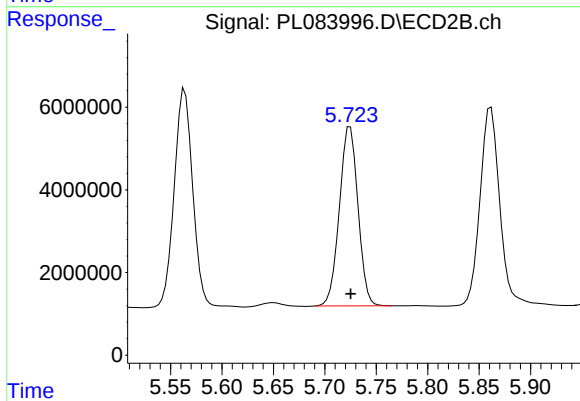
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 62626252
Conc: 54.49 ng/ml



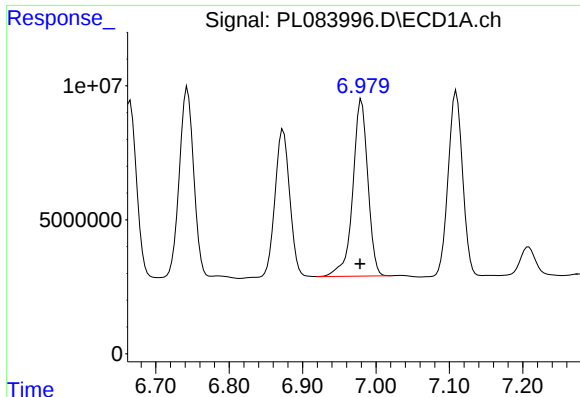
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 90612762
Conc: 61.70 ng/ml



#16 4,4'-DDD

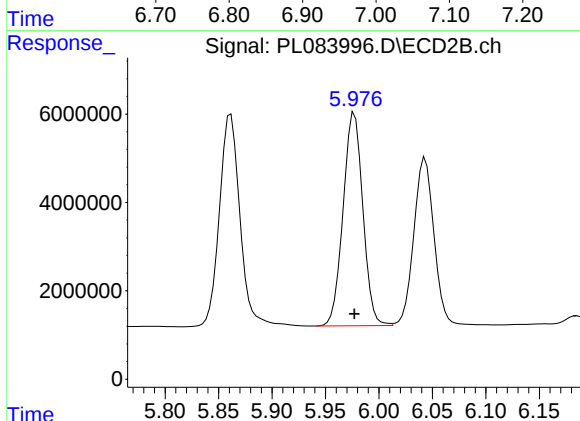
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 54551287
Conc: 56.86 ng/ml



#17 4,4'-DDT

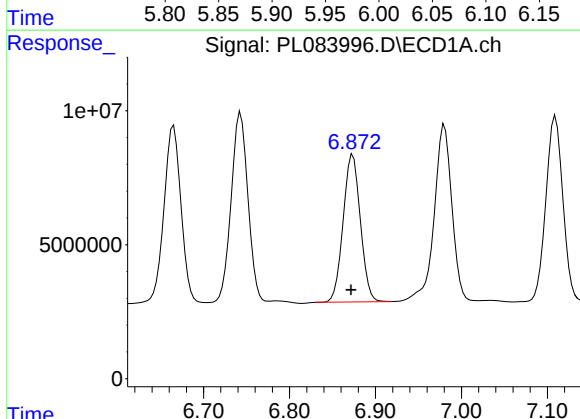
R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 93909200
Conc: 58.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



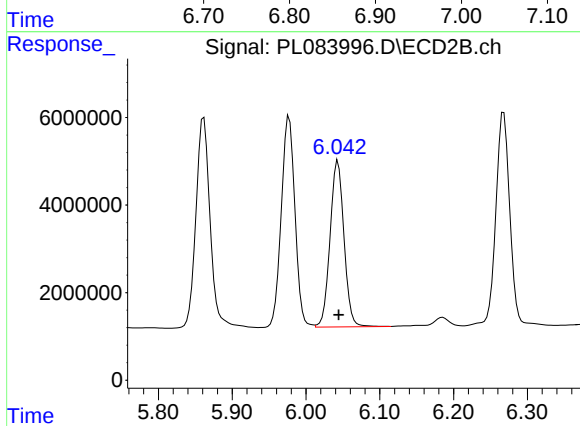
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 62127964
Conc: 68.21 ng/ml



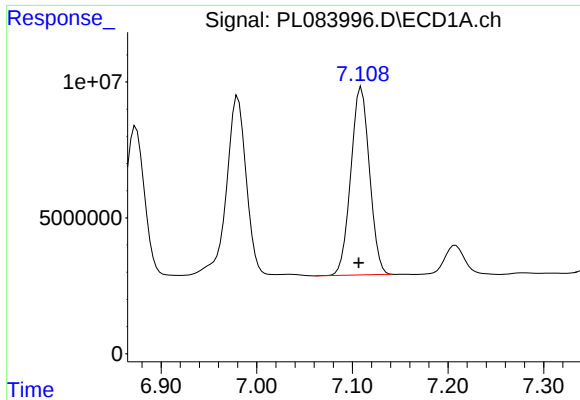
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 76794747
Conc: 52.42 ng/ml



#18 Endrin aldehyde

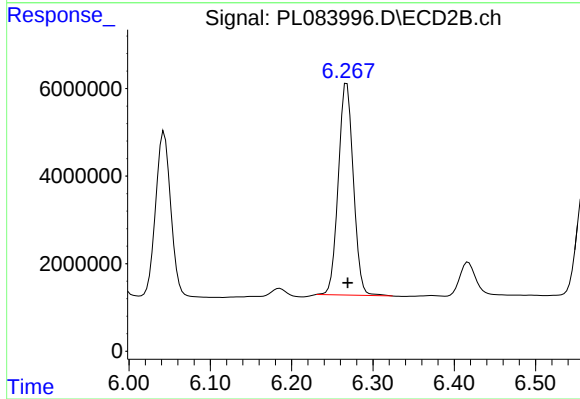
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 49739452
Conc: 55.33 ng/ml



#19 Endosulfan Sulfate

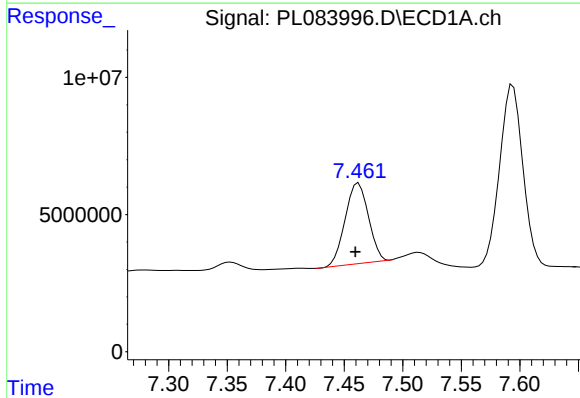
R.T.: 7.109 min
Delta R.T.: 0.003 min
Response: 94040147
Conc: 54.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



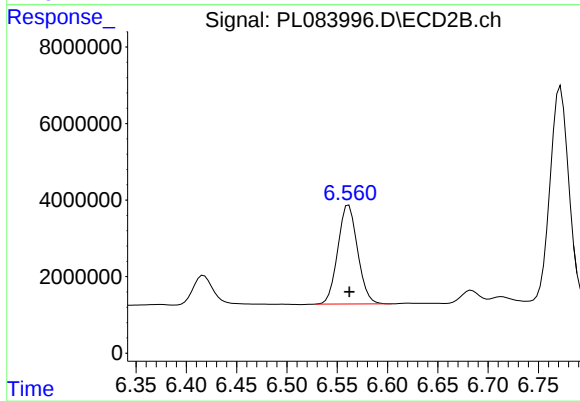
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 62154501
Conc: 56.55 ng/ml



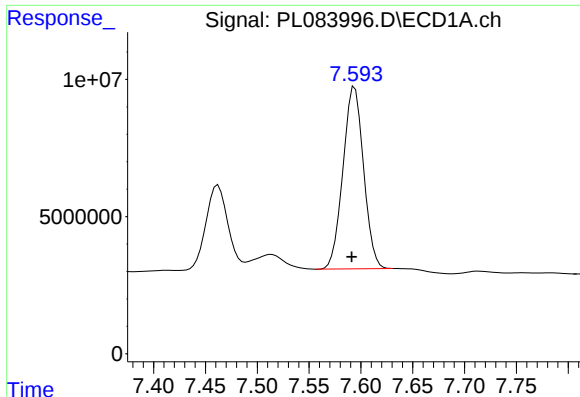
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 41043885
Conc: 52.47 ng/ml



#20 Methoxychlor

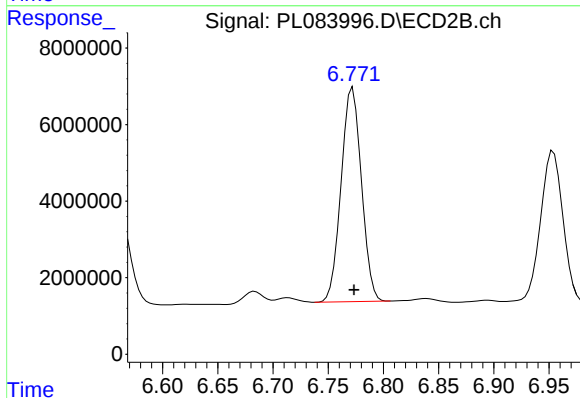
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 35314033
Conc: 73.69 ng/ml



#21 Endrin ketone

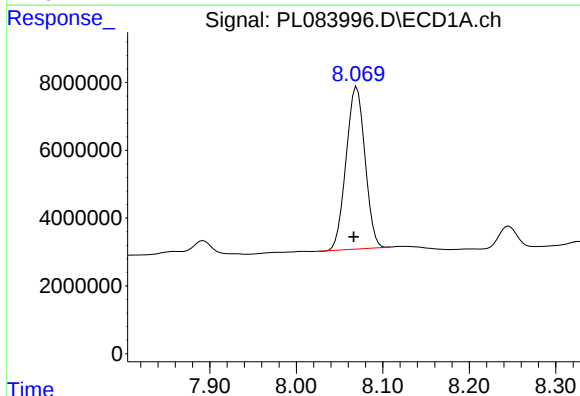
R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 91810250
Conc: 52.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



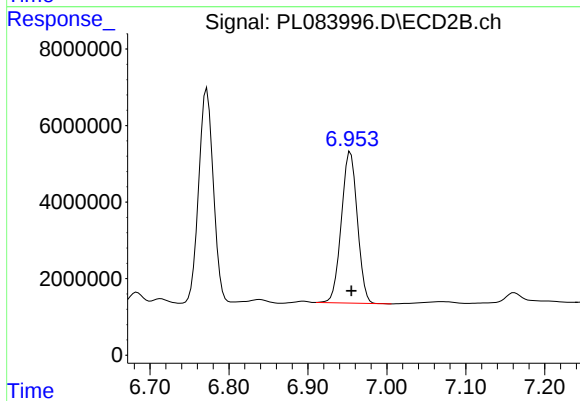
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 71697048
Conc: 55.49 ng/ml



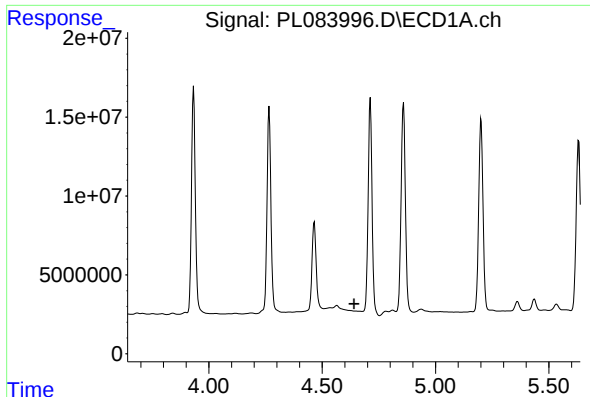
#22 Mirex

R.T.: 8.070 min
Delta R.T.: 0.003 min
Response: 72512079
Conc: 50.67 ng/ml



#22 Mirex

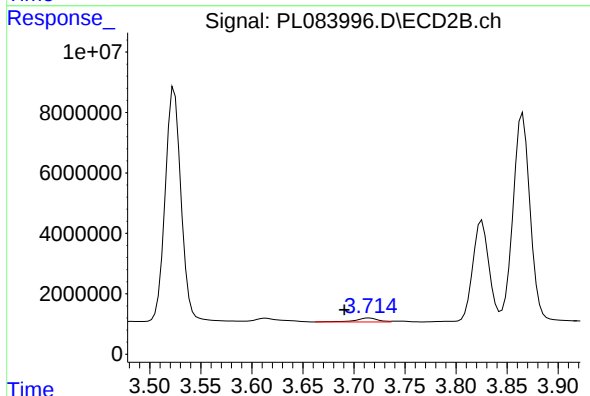
R.T.: 6.954 min
Delta R.T.: -0.001 min
Response: 55679272
Conc: 54.55 ng/ml



#23 Chlordane-1

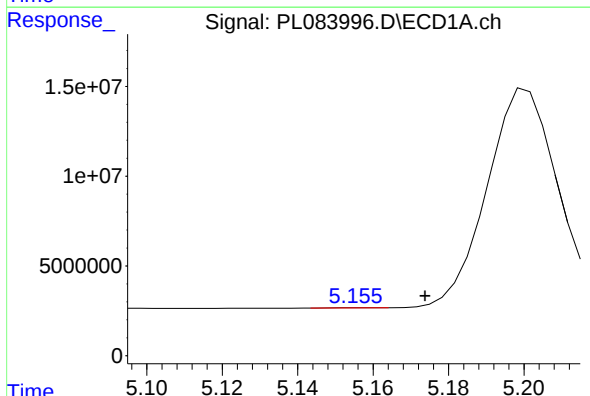
R.T.: 0.000 min
Exp R.T.: 4.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



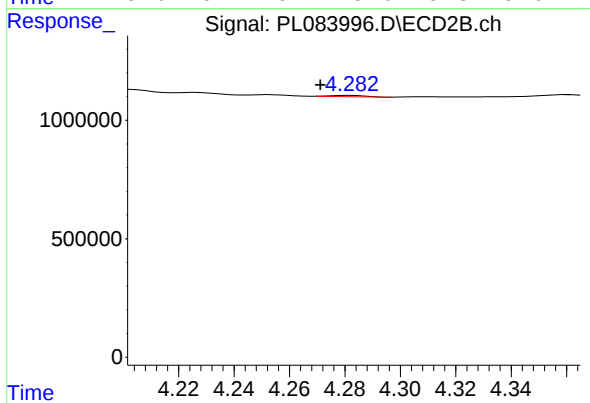
#23 Chlordane-1

R.T.: 3.715 min
Delta R.T.: 0.024 min
Response: 1965779
Conc: 4.98 ng/ml



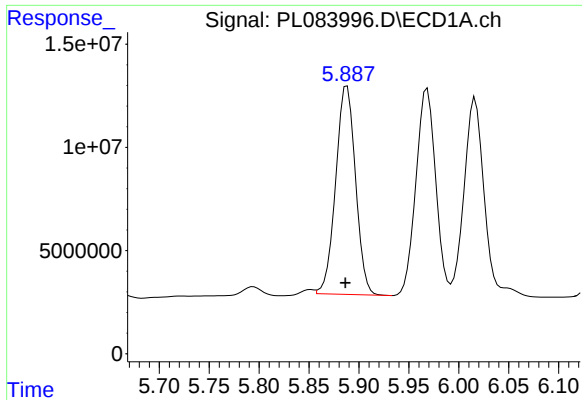
#24 Chlordane-2

R.T.: 5.156 min
Delta R.T.: -0.018 min
Response: 87874
Conc: 0.11 ng/ml



#24 Chlordane-2

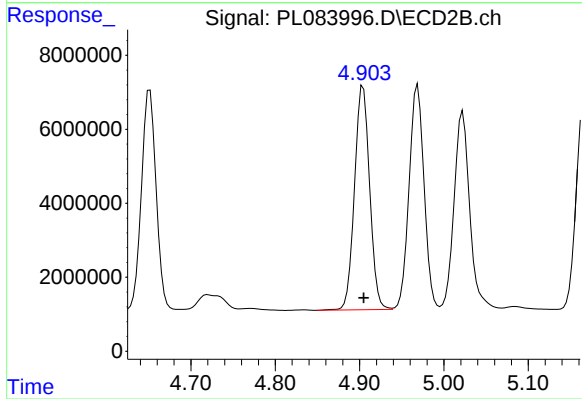
R.T.: 4.282 min
Delta R.T.: 0.011 min
Response: 43399
Conc: 0.10 ng/ml



#25 Chlordane-3

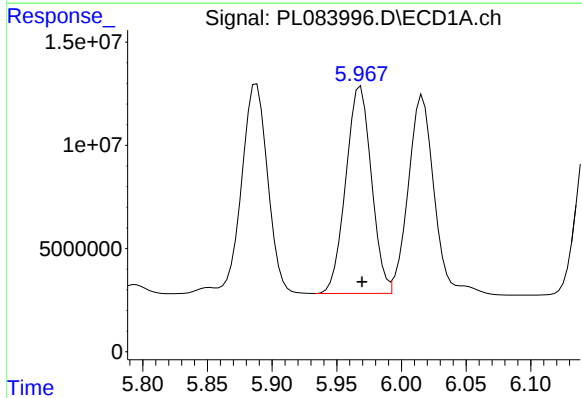
R.T.: 5.888 min
Delta R.T.: 0.001 min
Response: 139699213
Conc: 39.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



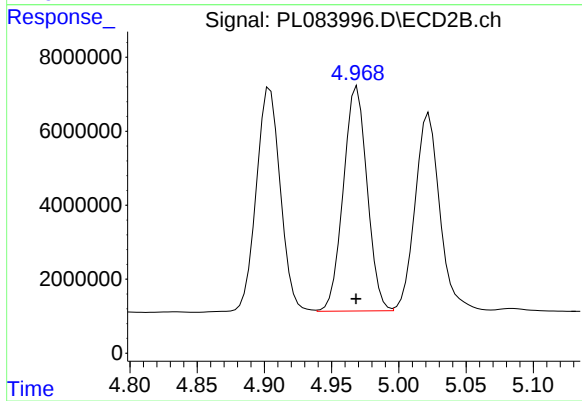
#25 Chlordane-3

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 75532716
Conc: 55.09 ng/ml



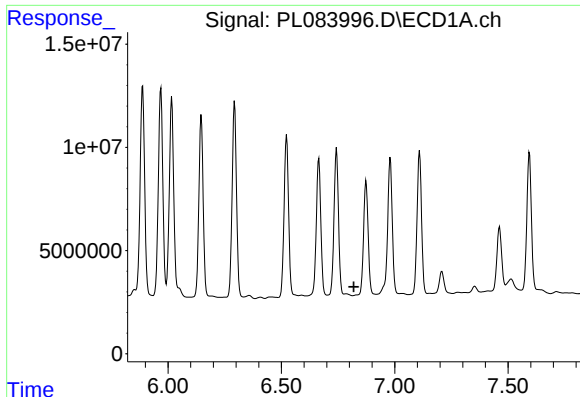
#26 Chlordane-4

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 137951163
Conc: 33.79 ng/ml



#26 Chlordane-4

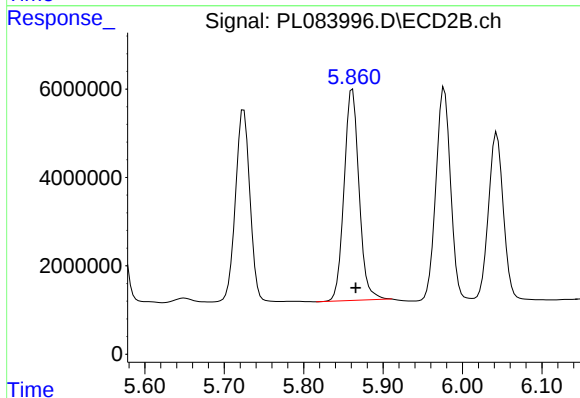
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 74682829
Conc: 52.13 ng/ml



#27 Chlordane-5

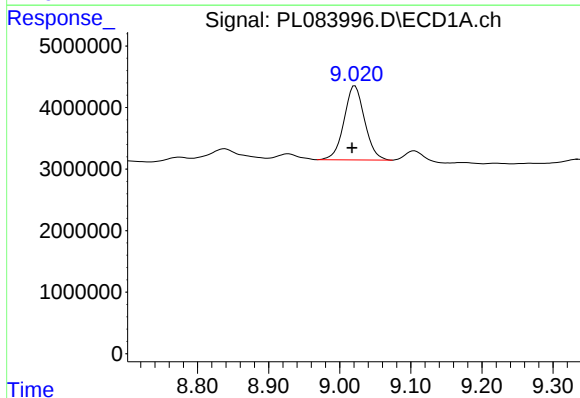
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



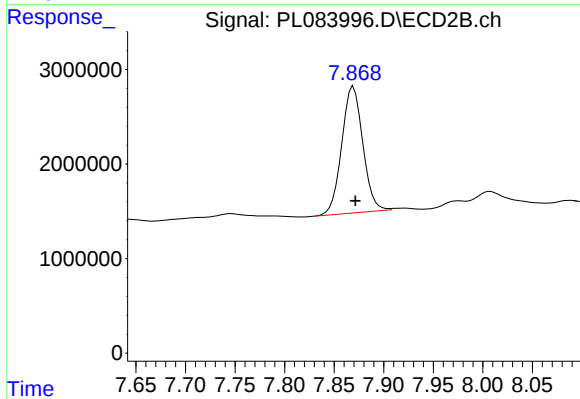
#27 Chlordane-5

R.T.: 5.862 min
Delta R.T.: -0.004 min
Response: 62626252
Conc: 136.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.004 min
Response: 24215497
Conc: 18.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 19793791
Conc: 17.81 ng/ml