

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040521\
 Data File : PL065886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2021 17:50
 Operator : AR\AJ
 Sample : M1932-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 02:36:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL033121.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 31 15:57:28 2021
 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...	3.276	3.780	55590812	59636485	21.340	21.726
28)	SA Decachlor...	7.909	8.728	52018864	46507098	22.460	20.628
Target Compounds							
2)	A alpha-BHC	3.699	4.165	200.5E6	198.8E6	49.025	48.924
3)	MA gamma-BHC...	3.972	4.445	183.5E6	180.0E6	49.561	49.155
4)	MA Heptachlor	4.256	4.930	157.6E6	163.6E6	43.748	46.344
5)	MB Aldrin	4.492	5.226	138.0E6	162.5E6	40.424	49.216
6)	B beta-BHC	4.223	4.628	76259915	81644041	47.845	46.873
7)	B delta-BHC	4.415	4.835	173.6E6	149.3E6	48.247	50.071
8)	B Heptachlor...	4.925	5.612	161.3E6	158.1E6	51.300	50.907
9)	A Endosulfan I	5.252	5.963	146.8E6	138.8E6	50.926	50.575
10)	B gamma-Chl...	5.146	5.843	188.3E6	164.9E6	59.848	54.944
11)	B alpha-Chl...	5.201	5.913	167.5E6	194.0E6	53.830	65.560
12)	B 4,4'-DDE	5.368	6.078	1409.4E6	1356.9E6	510.833	519.367
13)	MA Dieldrin	5.489	6.219	275.8E6	244.8E6	94.386	86.870
14)	MA Endrin	5.739	6.434	161.0E6	127.2E6	59.630	51.083
15)	B Endosulfa...	6.011	6.651	135.7E6	132.1E6	54.645	55.892
16)	A 4,4'-DDD	5.874	6.569	280.5E6	264.0E6	123.628	125.248
17)	MA 4,4'-DDT	6.106	6.862	362.0E6	342.9E6	171.805	153.139
18)	B Endrin al...	6.176	6.775	127.2E6	106.4E6	67.220	56.049
19)	B Endosulfa...	6.386	6.996	141.7E6	130.4E6	54.936	53.757
20)	A Methoxychlor	6.652	7.327	56066674	53891714	44.661	42.551
21)	B Endrin ke...	6.864	7.463	147.5E6	136.8E6	53.779	53.220
22)	Mirex	7.036	7.897	109.6E6	99382277	52.332	50.918
23)	Chlordane-1	4.119	0.000	375800	0	4.165	N.D. #
24)	Chlordane-2	4.605	5.226f	2774215	162.5E6	24.138	1419.933 #
25)	Chlordane-3	5.146	5.843	188.3E6	164.9E6	605.961	387.845 #
26)	Chlordane-4	5.201	5.913	167.5E6	194.0E6	586.627	383.485 #
27)	Chlordane-5	6.011	6.715	135.7E6	3350798	1326.835	40.189 #

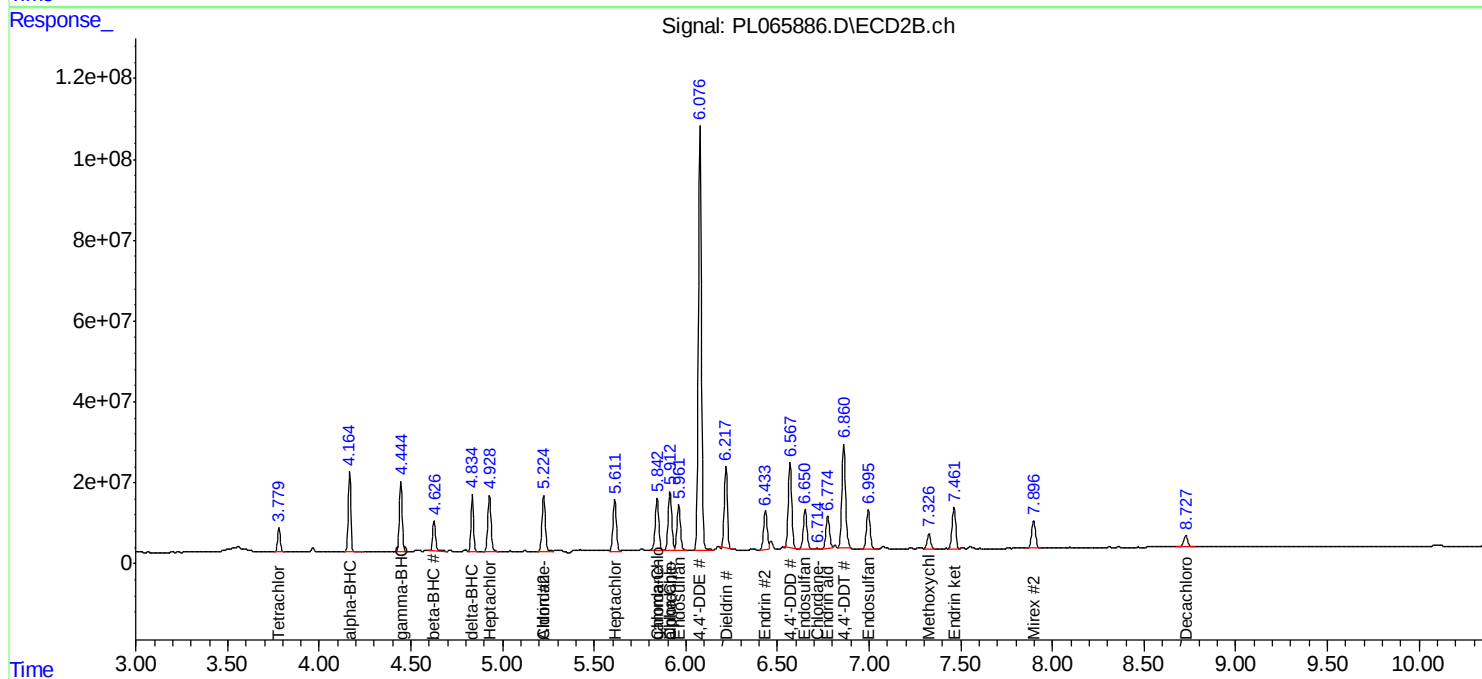
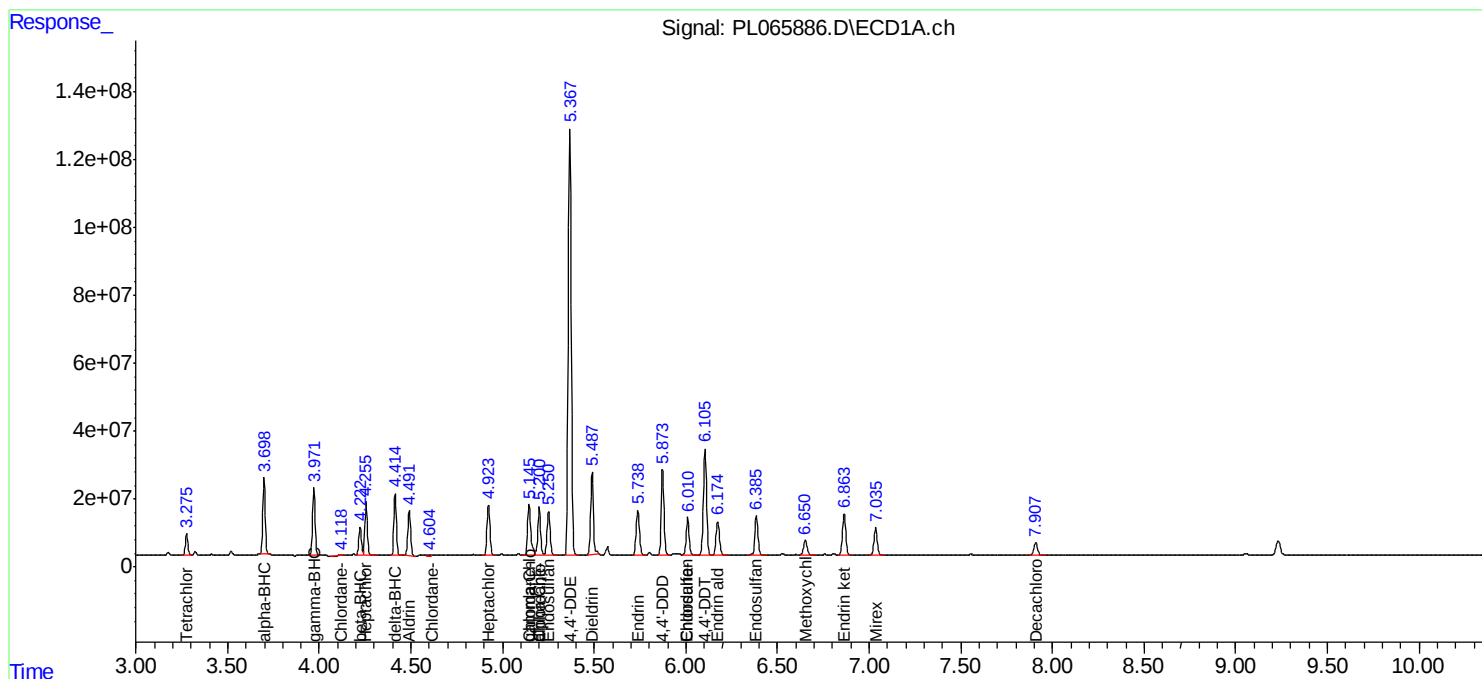
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

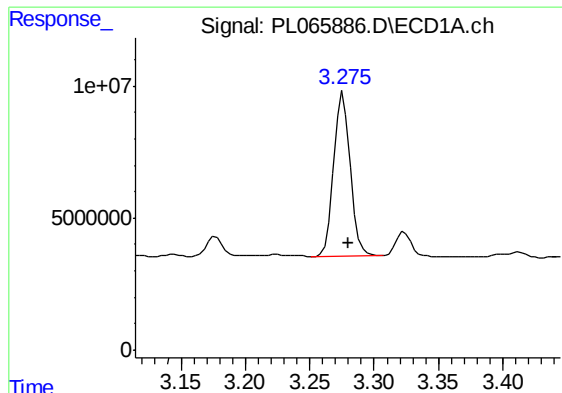
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040521\
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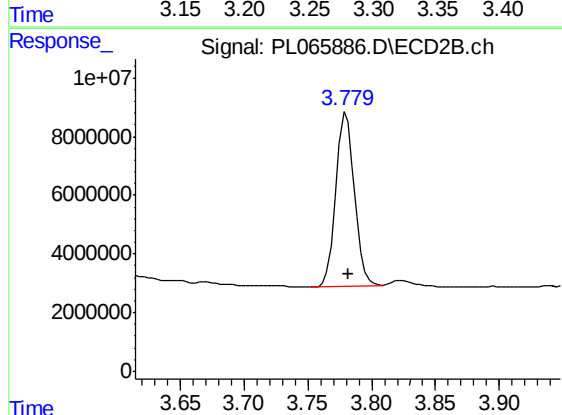




#1 Tetrachloro-m-xylene

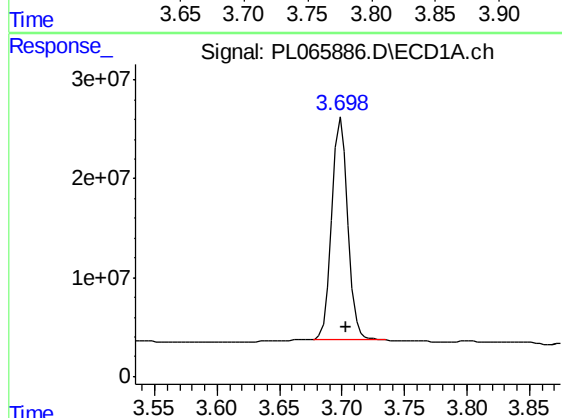
R.T.: 3.276 min
Delta R.T.: -0.004 min
Response: 55590812
Conc: 21.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



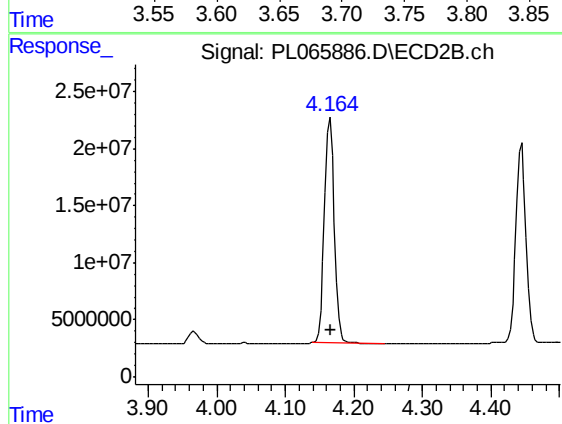
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 59636485
Conc: 21.73 ng/ml



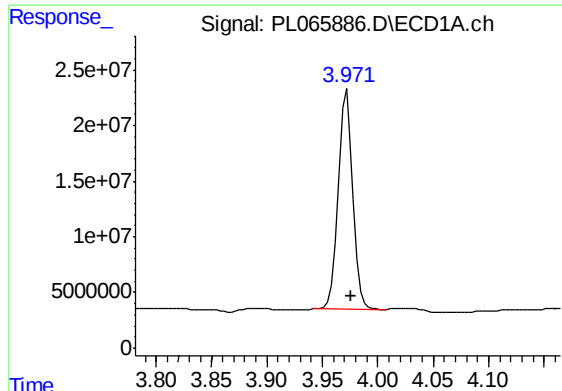
#2 alpha-BHC

R.T.: 3.699 min
Delta R.T.: -0.004 min
Response: 200504054
Conc: 49.02 ng/ml



#2 alpha-BHC

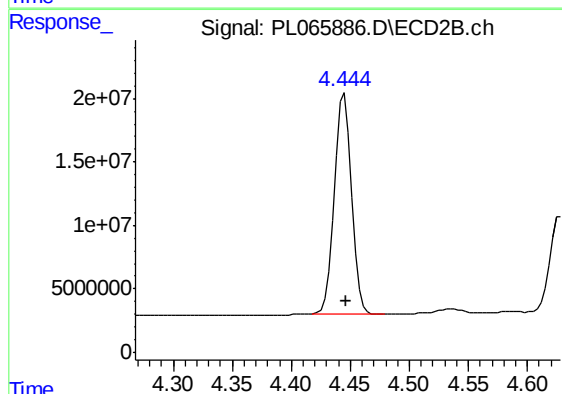
R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 198781166
Conc: 48.92 ng/ml



#3 gamma-BHC (Lindane)

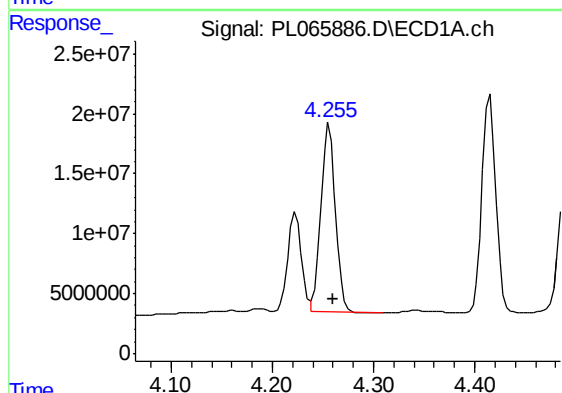
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 183458161
Conc: 49.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



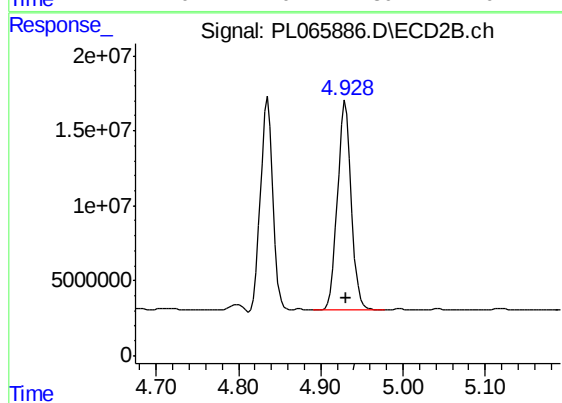
#3 gamma-BHC (Lindane)

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 179964658
Conc: 49.15 ng/ml



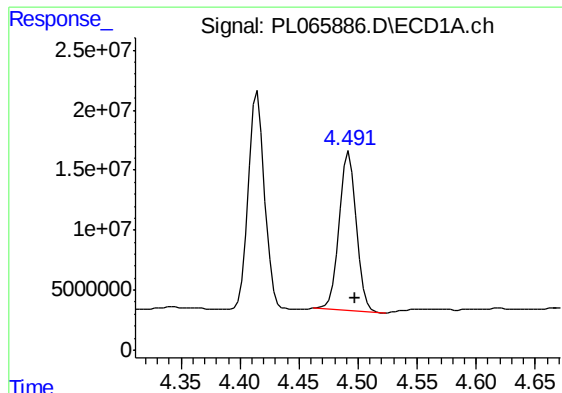
#4 Heptachlor

R.T.: 4.256 min
Delta R.T.: -0.004 min
Response: 157595019
Conc: 43.75 ng/ml



#4 Heptachlor

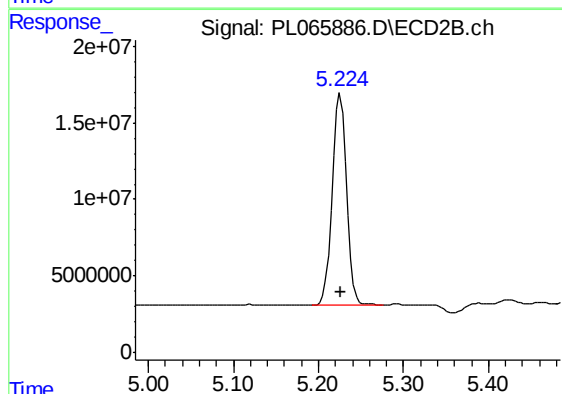
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 163559631
Conc: 46.34 ng/ml



#5 Aldrin

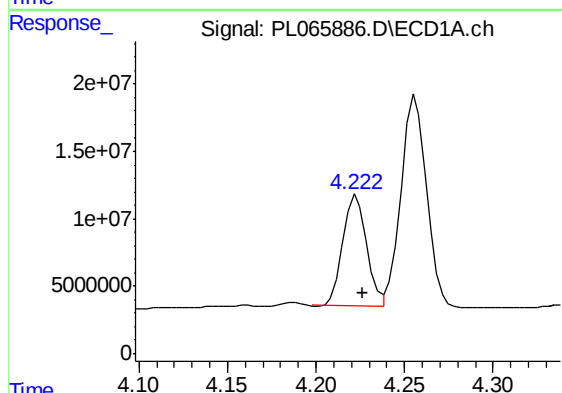
R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 138015688
Conc: 40.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



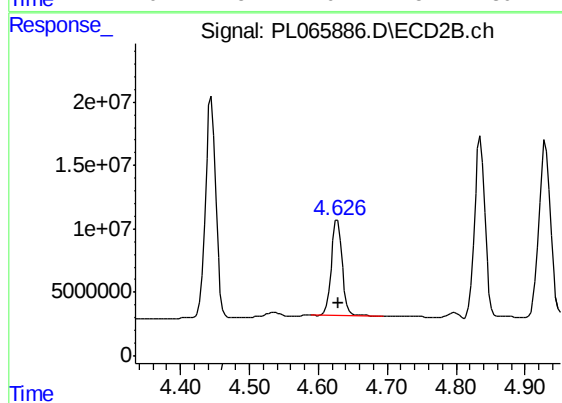
#5 Aldrin

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 162494752
Conc: 49.22 ng/ml



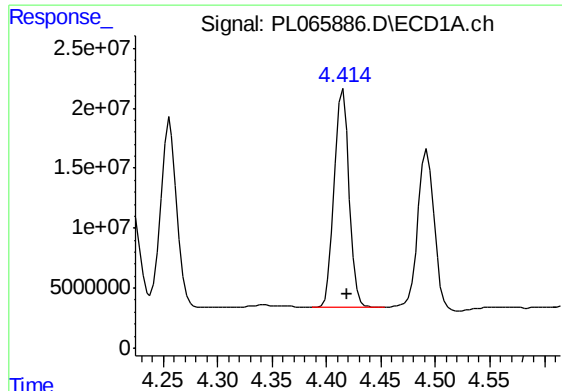
#6 beta-BHC

R.T.: 4.223 min
Delta R.T.: -0.003 min
Response: 76259915
Conc: 47.84 ng/ml



#6 beta-BHC

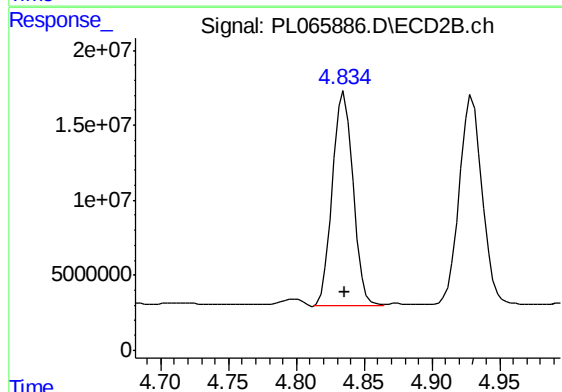
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 81644041
Conc: 46.87 ng/ml



#7 delta-BHC

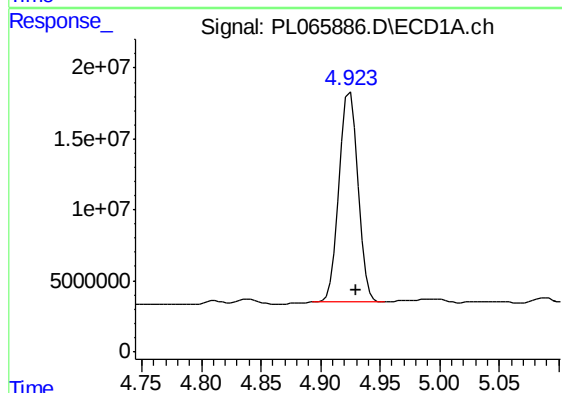
R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 173557785
Conc: 48.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



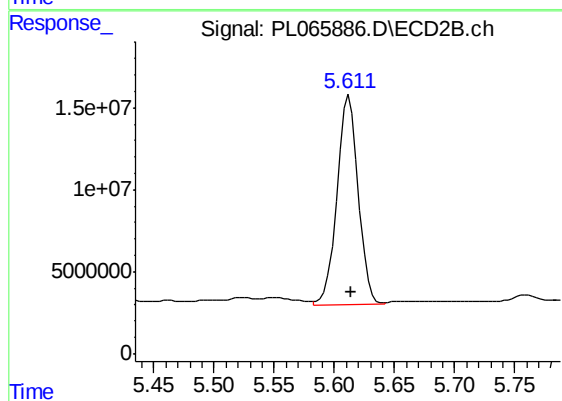
#7 delta-BHC

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 149336967
Conc: 50.07 ng/ml



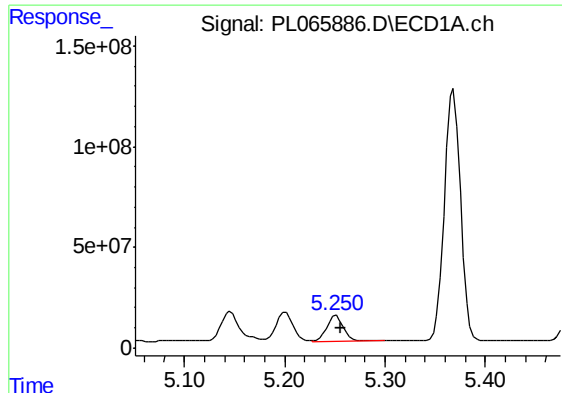
#8 Heptachlor epoxide

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 161313202
Conc: 51.30 ng/ml



#8 Heptachlor epoxide

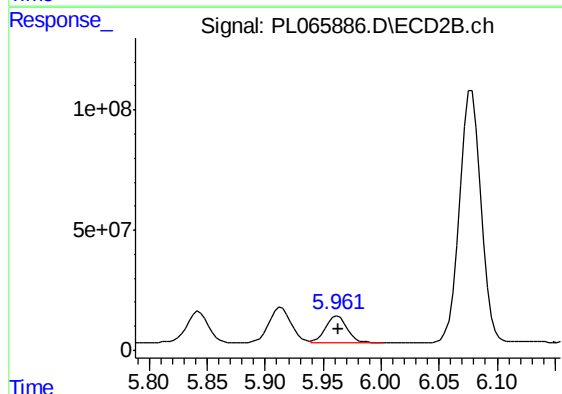
R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 158084999
Conc: 50.91 ng/ml



#9 Endosulfan I

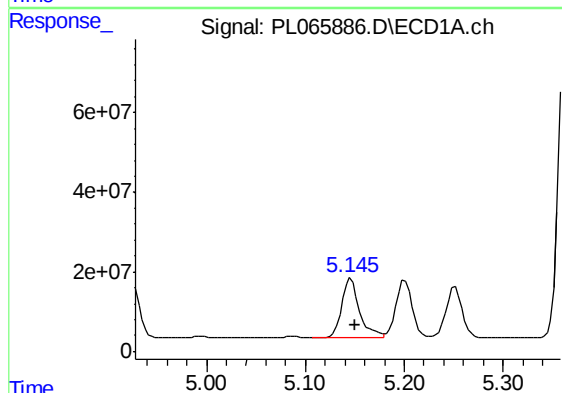
R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 146751940
Conc: 50.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



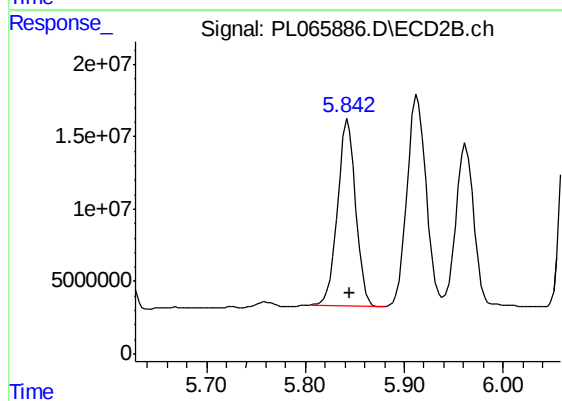
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 138845536
Conc: 50.58 ng/ml



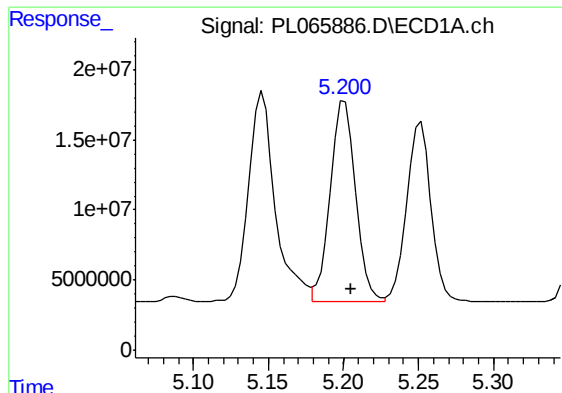
#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: -0.004 min
Response: 188338705
Conc: 59.85 ng/ml



#10 gamma-Chlordane

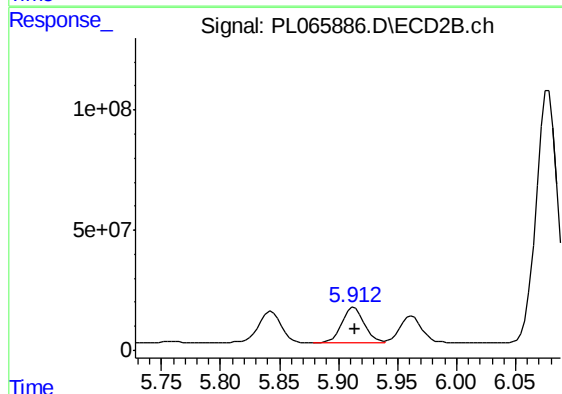
R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 164850583
Conc: 54.94 ng/ml



#11 alpha-Chlordane

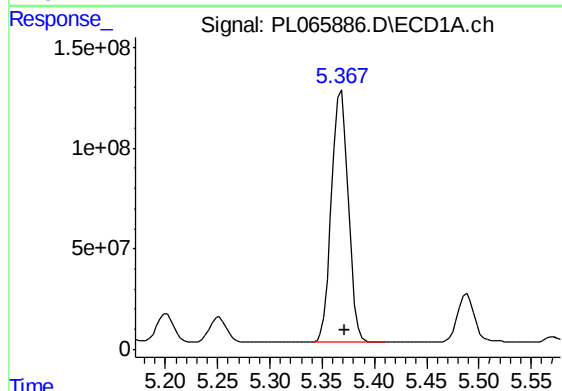
R.T.: 5.201 min
Delta R.T.: -0.005 min
Response: 167489861
Conc: 53.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



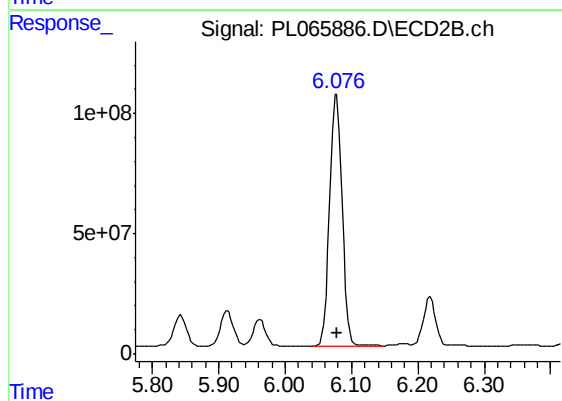
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 193998164
Conc: 65.56 ng/ml



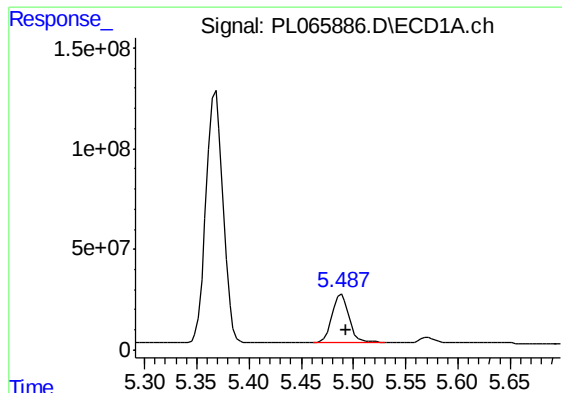
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 1409403586
Conc: 510.83 ng/ml



#12 4,4'-DDE

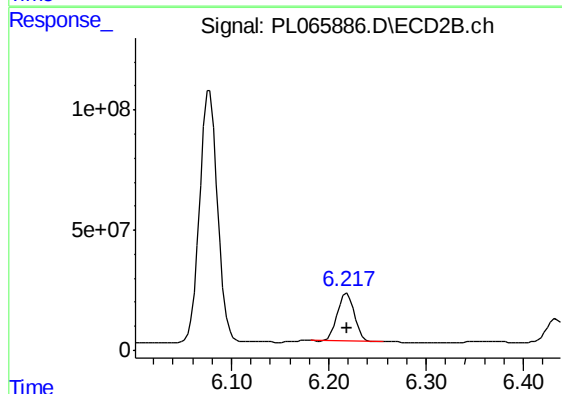
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 1356864339
Conc: 519.37 ng/ml



#13 Dielddrin

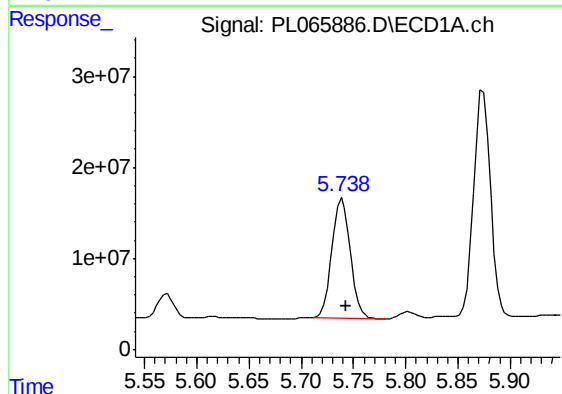
R.T.: 5.489 min
Delta R.T.: -0.004 min
Response: 275757784
Conc: 94.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



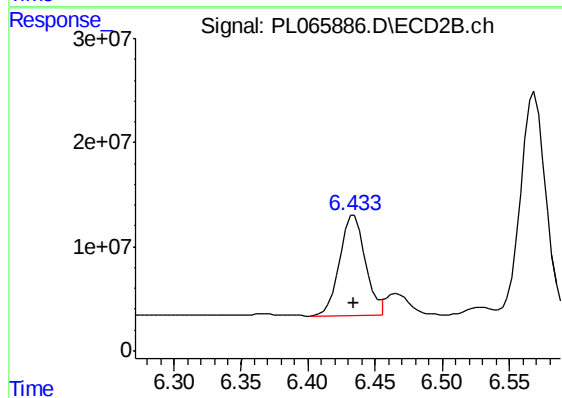
#13 Dielddrin

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 244826463
Conc: 86.87 ng/ml



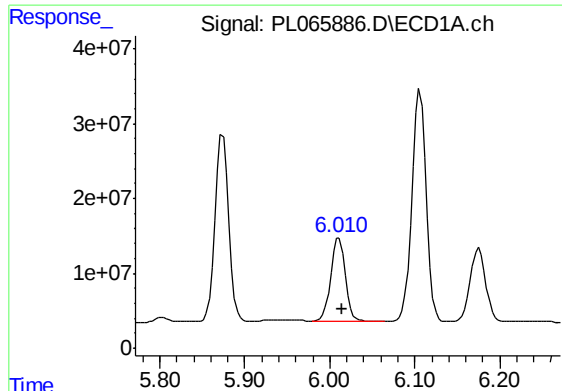
#14 Endrin

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 160999821
Conc: 59.63 ng/ml



#14 Endrin

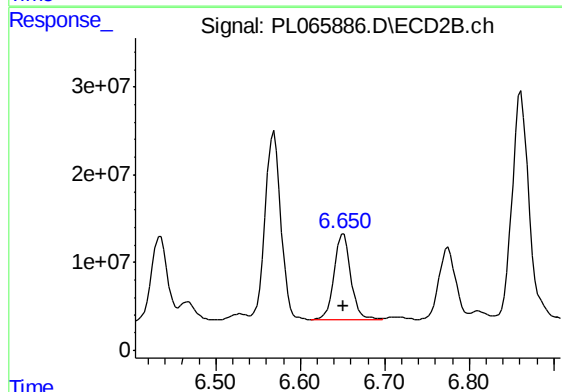
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 127236603
Conc: 51.08 ng/ml



#15 Endosulfan II

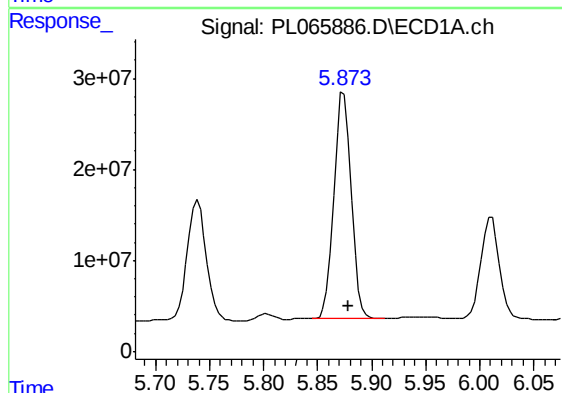
R.T.: 6.011 min
Delta R.T.: -0.004 min
Response: 135712559
Conc: 54.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



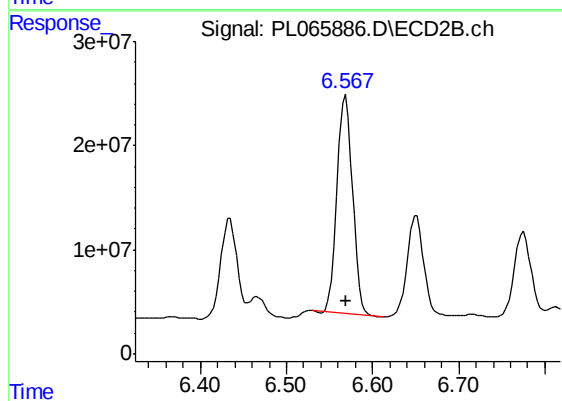
#15 Endosulfan II

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 132095742
Conc: 55.89 ng/ml



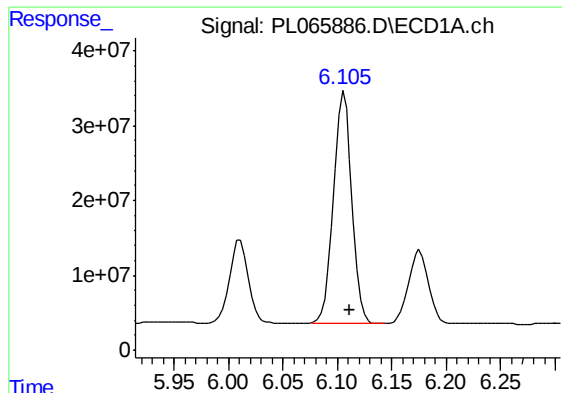
#16 4,4'-DDD

R.T.: 5.874 min
Delta R.T.: -0.004 min
Response: 280515197
Conc: 123.63 ng/ml



#16 4,4'-DDD

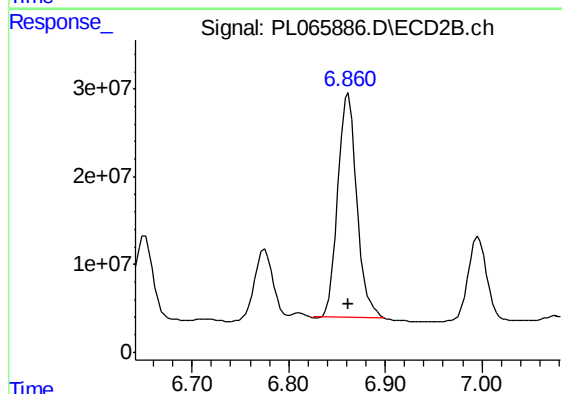
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 263989697
Conc: 125.25 ng/ml



#17 4,4'-DDT

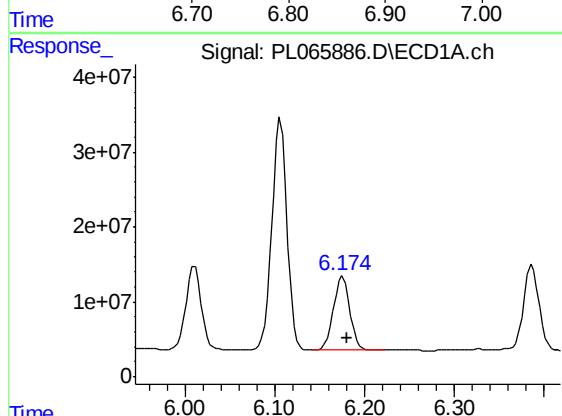
R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 361963122
Conc: 171.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



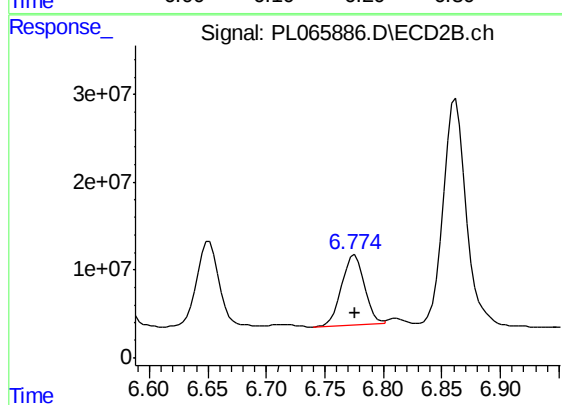
#17 4,4'-DDT

R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 342889760
Conc: 153.14 ng/ml



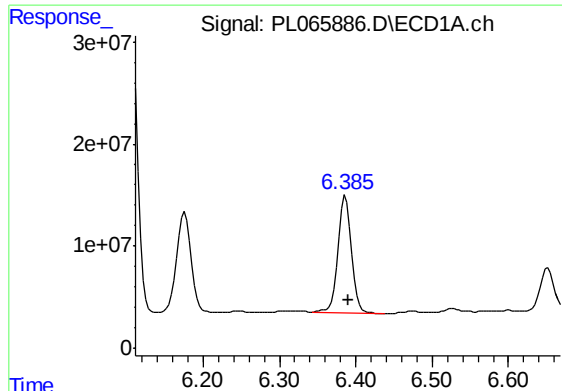
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 127188405
Conc: 67.22 ng/ml



#18 Endrin aldehyde

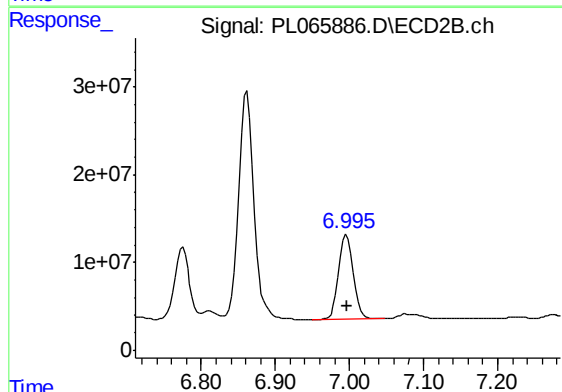
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 106352143
Conc: 56.05 ng/ml



#19 Endosulfan Sulfate

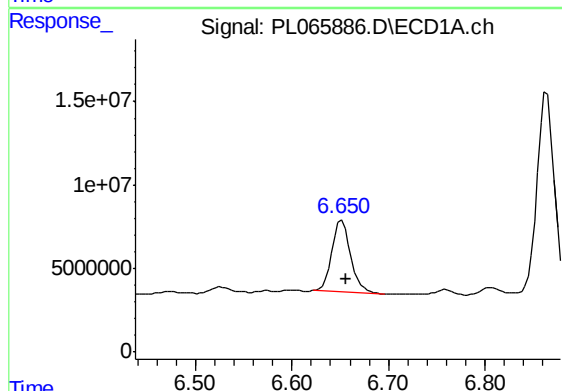
R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 141749393
Conc: 54.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



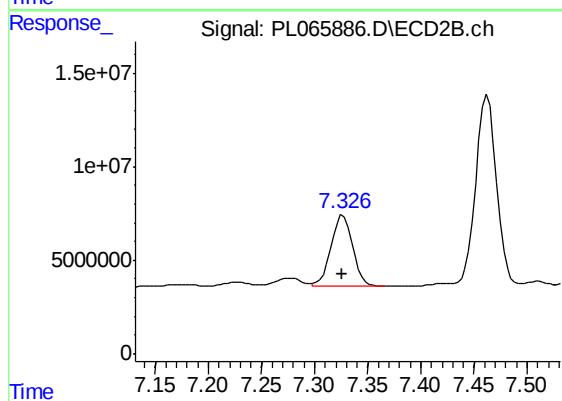
#19 Endosulfan Sulfate

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 130412372
Conc: 53.76 ng/ml



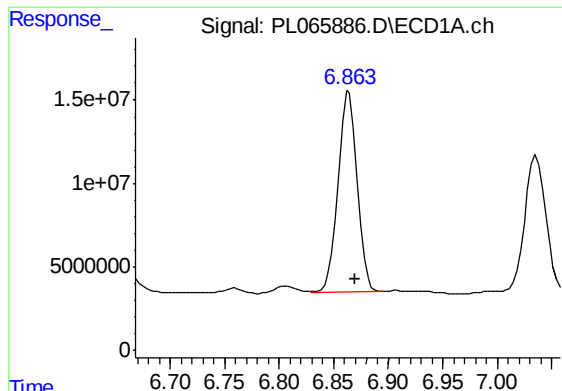
#20 Methoxychlor

R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 56066674
Conc: 44.66 ng/ml



#20 Methoxychlor

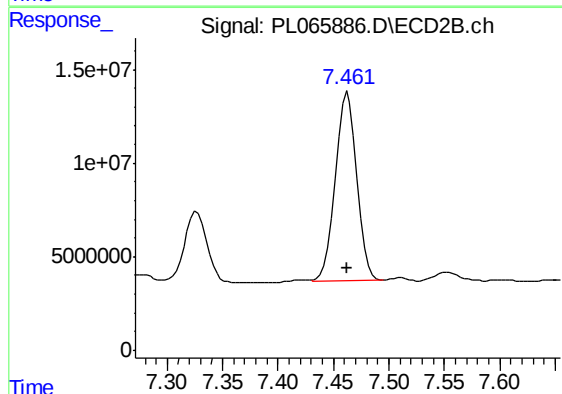
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 53891714
Conc: 42.55 ng/ml



#21 Endrin ketone

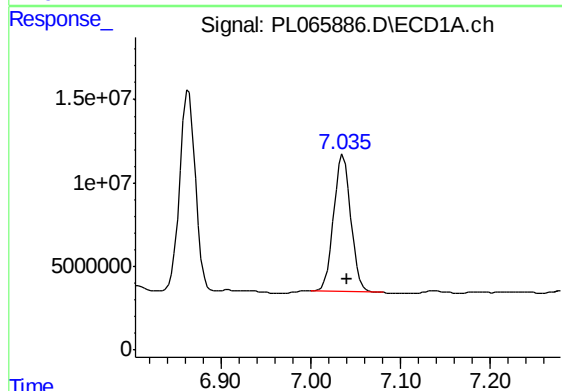
R.T.: 6.864 min
Delta R.T.: -0.006 min
Response: 147482651
Conc: 53.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



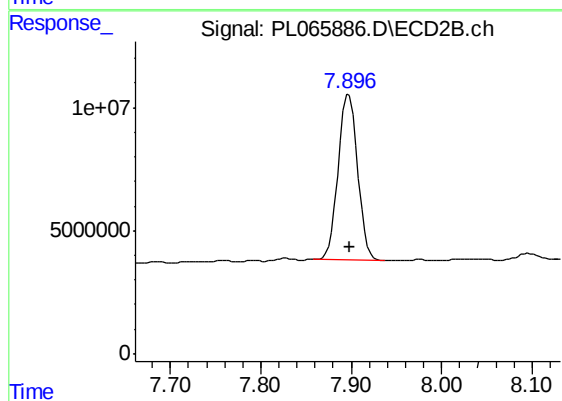
#21 Endrin ketone

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 136791681
Conc: 53.22 ng/ml



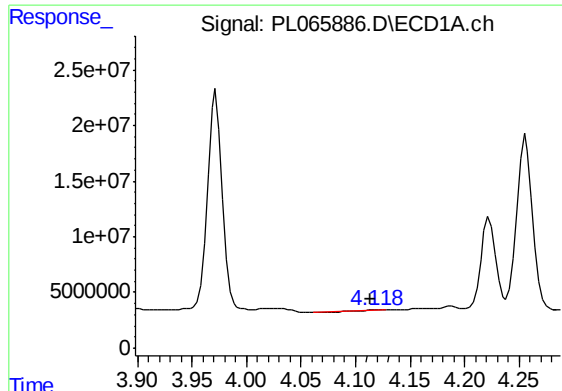
#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.005 min
Response: 109596419
Conc: 52.33 ng/ml



#22 Mirex

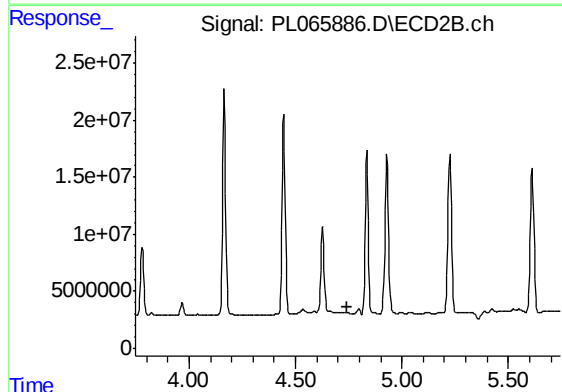
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 99382277
Conc: 50.92 ng/ml



#23 Chlordane-1

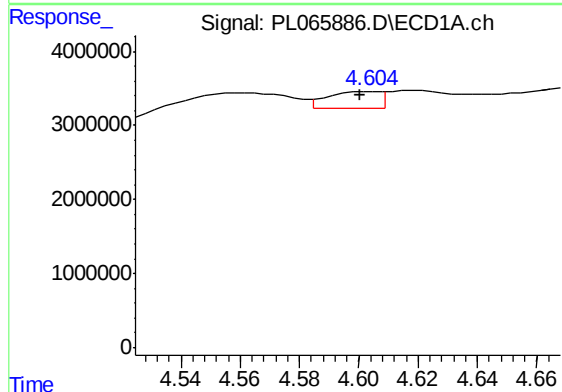
R.T.: 4.119 min
Delta R.T.: 0.005 min
Response: 375800
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



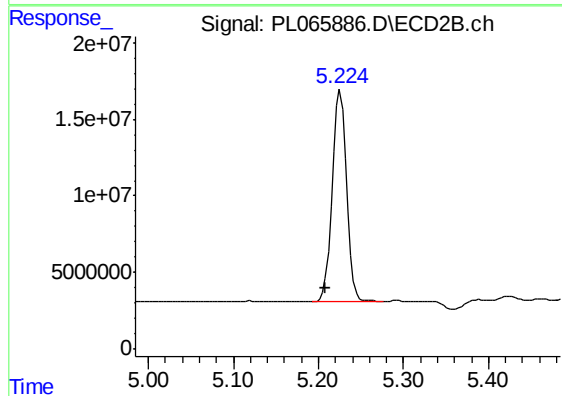
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.745 min
Response: 0
Conc: N.D.



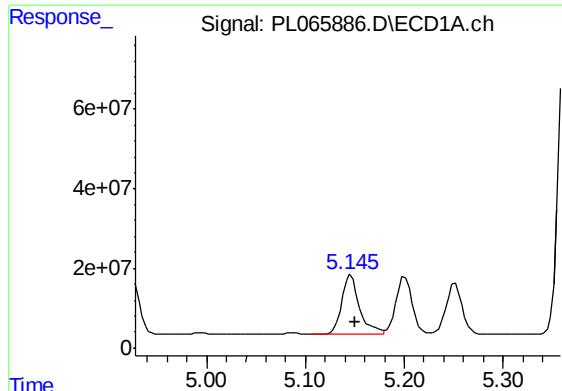
#24 Chlordane-2

R.T.: 4.605 min
Delta R.T.: 0.005 min
Response: 2774215
Conc: 24.14 ng/ml



#24 Chlordane-2

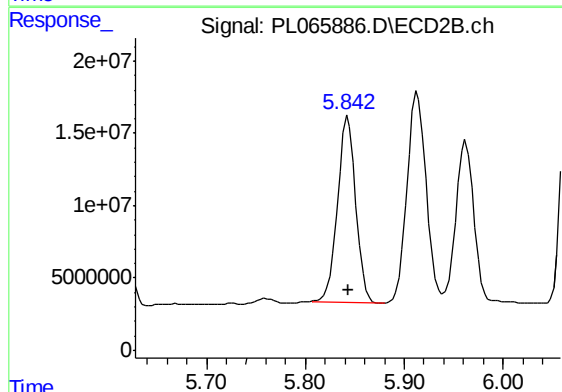
R.T.: 5.226 min
Delta R.T.: 0.018 min
Response: 162494752
Conc: 1419.93 ng/ml



#25 Chlordane-3

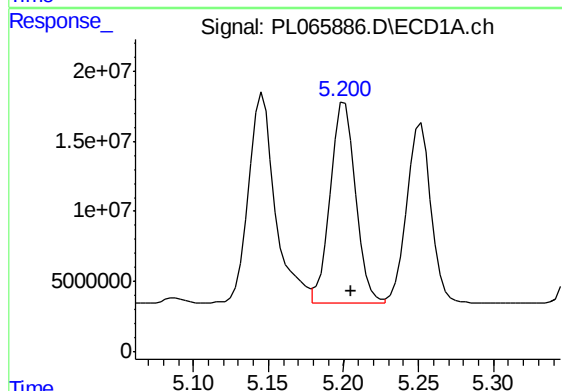
R.T.: 5.146 min
Delta R.T.: -0.004 min
Response: 188338705
Conc: 605.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



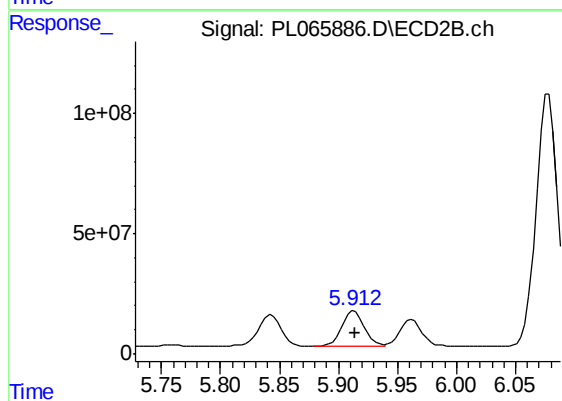
#25 Chlordane-3

R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 164850583
Conc: 387.84 ng/ml



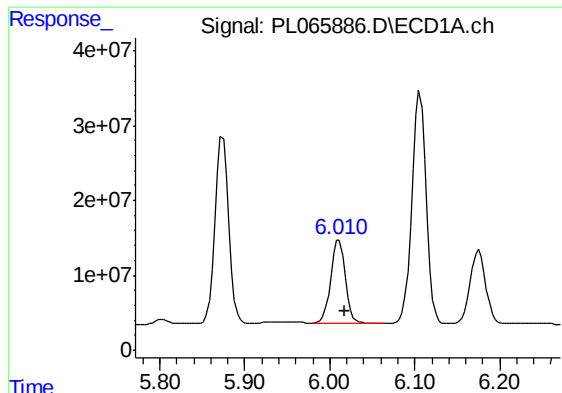
#26 Chlordane-4

R.T.: 5.201 min
Delta R.T.: -0.004 min
Response: 167489861
Conc: 586.63 ng/ml



#26 Chlordane-4

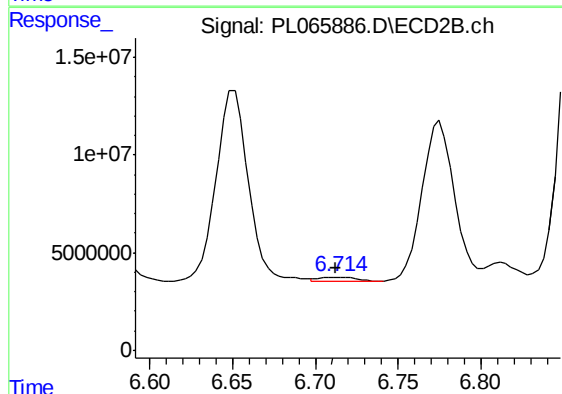
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 193998164
Conc: 383.49 ng/ml



#27 Chlordane-5

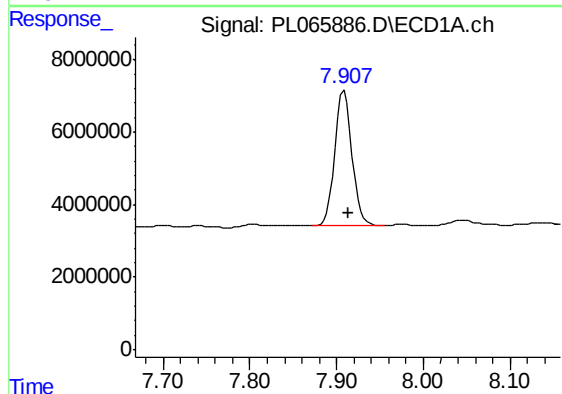
R.T.: 6.011 min
Delta R.T.: -0.006 min
Response: 135712559
Conc: 1326.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MS



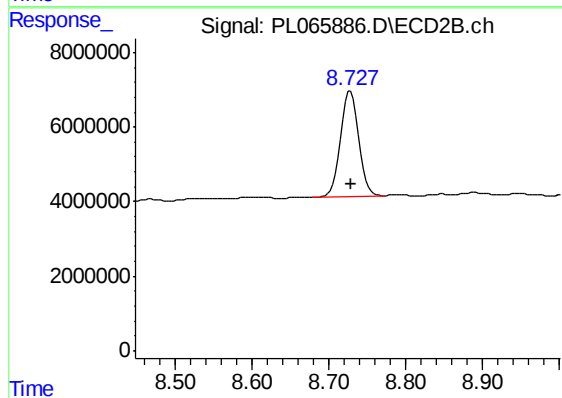
#27 Chlordane-5

R.T.: 6.715 min
Delta R.T.: 0.003 min
Response: 3350798
Conc: 40.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.005 min
Response: 52018864
Conc: 22.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 46507098
Conc: 20.63 ng/ml