

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040521\
 Data File : PL065887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2021 18:05
 Operator : AR\AJ
 Sample : M1932-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 02:36:41 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	54861892	58691950	21.060	21.382
28)	SA Decachlor...	7.908	8.728	51105472	45313741	22.066	20.099
Target Compounds							
2)	A alpha-BHC	3.699	4.166	198.9E6	195.3E6	48.639	48.074
3)	MA gamma-BHC...	3.972	4.445	181.5E6	176.3E6	49.024	48.155
4)	MA Heptachlor	4.257	4.930	157.2E6	160.9E6	43.650	45.591
5)	MB Aldrin	4.492	5.226	134.2E6	159.2E6	39.313	48.210
6)	B beta-BHC	4.223	4.628	75741042	78635359	47.519	45.146
7)	B delta-BHC	4.415	4.835	171.7E6	147.7E6	47.730	49.515
8)	B Heptachlor...	4.924	5.612	158.1E6	158.7E6	50.291	51.121
9)	A Endosulfan I	5.251	5.962	144.1E6	132.7E6	50.005	48.332
10)	B gamma-Chl...	5.145	5.843	184.3E6	159.7E6	58.556	53.222
11)	B alpha-Chl...	5.201	5.913	164.2E6	186.1E6	52.763	62.902
12)	B 4,4'-DDE	5.368	6.078	1385.3E6	1326.9E6	502.090	507.886
13)	MA Dieldrin	5.489	6.219	272.0E6	240.5E6	93.102	85.332
14)	MA Endrin	5.739	6.433	157.0E6	122.4E6	58.134	49.131
15)	B Endosulfa...	6.010	6.651	133.1E6	128.9E6	53.591	54.559
16)	A 4,4'-DDD	5.873	6.569	280.2E6	262.6E6	123.503	124.580
17)	MA 4,4'-DDT	6.106	6.861	350.0E6	331.2E6	166.104	147.915
18)	B Endrin al...	6.176	6.775	125.4E6	105.5E6	66.276	55.575
19)	B Endosulfa...	6.387	6.997	139.8E6	127.6E6	54.179	52.611
20)	A Methoxychlor	6.651	7.327	54617898	51552368	43.507	40.704
21)	B Endrin ke...	6.864	7.462	145.9E6	133.5E6	53.198	51.950
22)	Mirex	7.036	7.898	108.0E6	96358298	51.559	49.368
23)	Chlordane-1	4.118	0.000	297937	0	3.302	N.D. #
24)	Chlordane-2	4.604	5.226f	2739172	159.2E6	23.833	1390.923 #
25)	Chlordane-3	5.145	5.843	184.3E6	159.7E6	592.873	375.686 #
26)	Chlordane-4	5.201	5.913	164.2E6	186.1E6	575.002	367.938 #
27)	Chlordane-5	6.010	6.716	133.1E6	3225603	1301.251	38.687 #

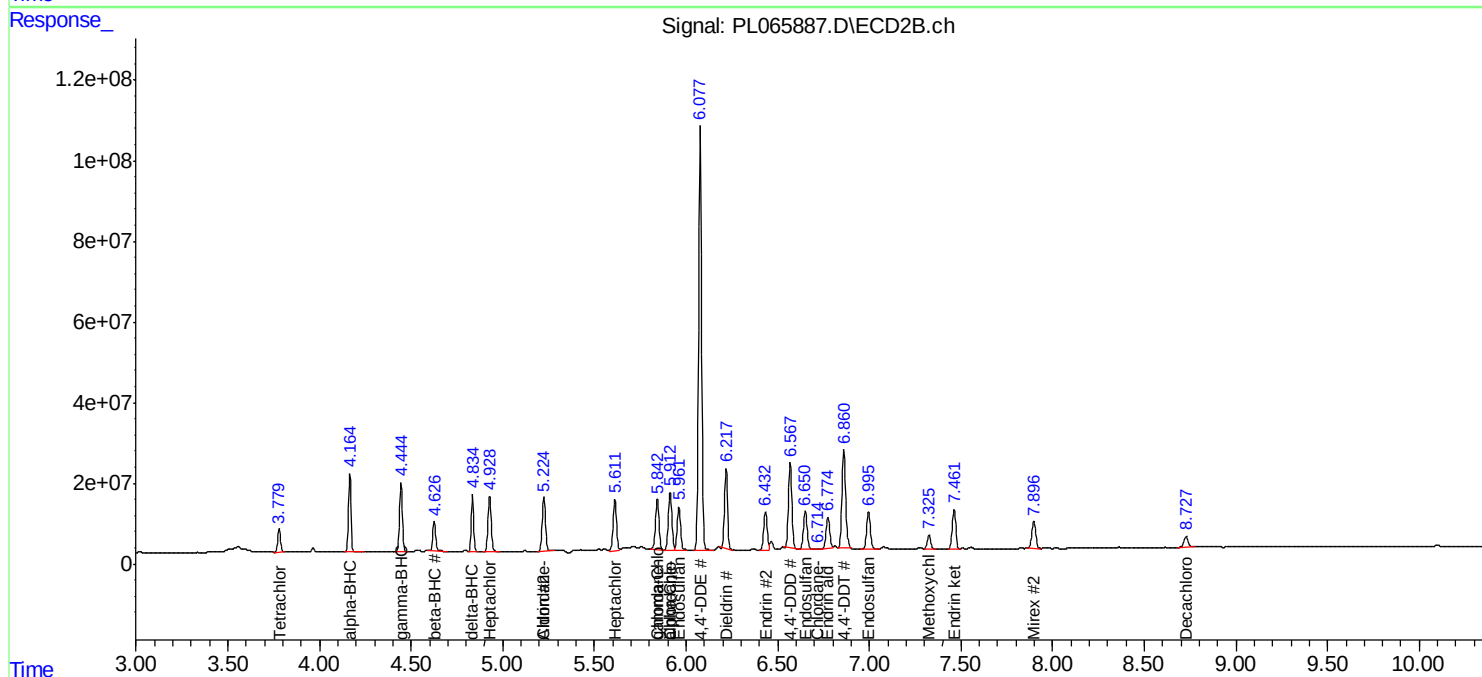
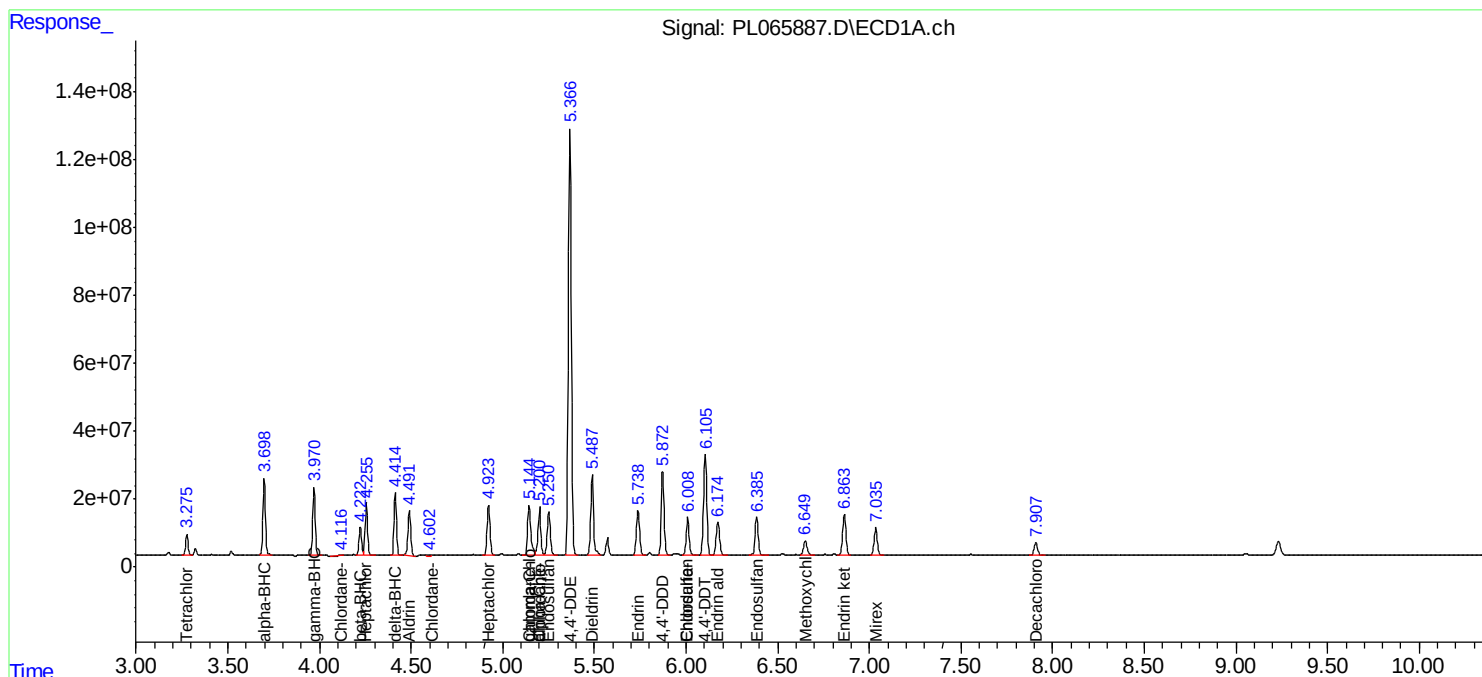
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

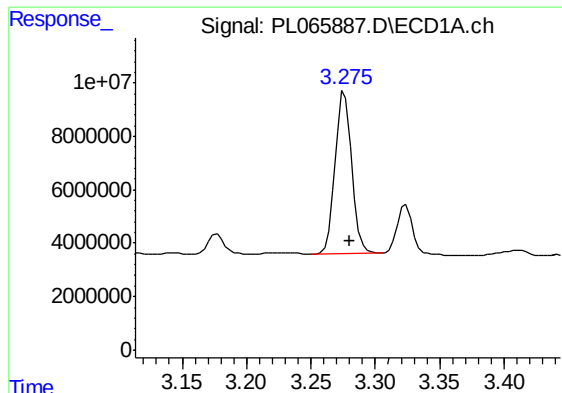
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040521\
Data File : PL065887.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

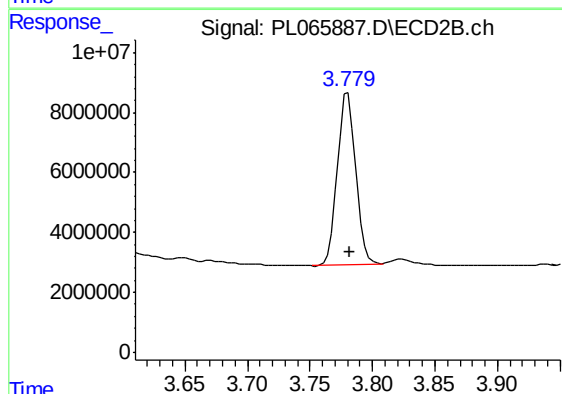




#1 Tetrachloro-m-xylene

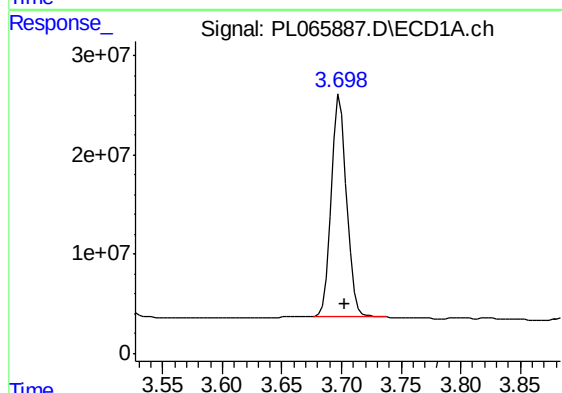
R.T.: 3.276 min
Delta R.T.: -0.004 min
Response: 54861892
Conc: 21.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



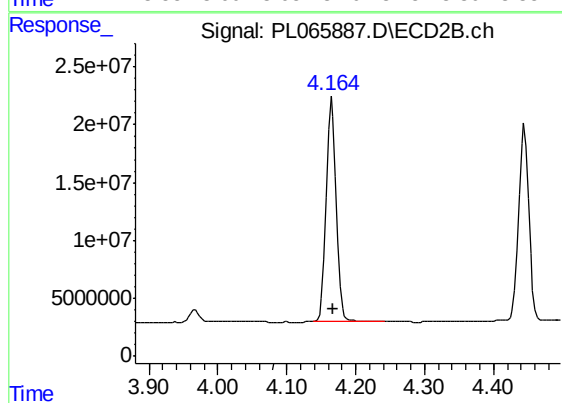
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 58691950
Conc: 21.38 ng/ml



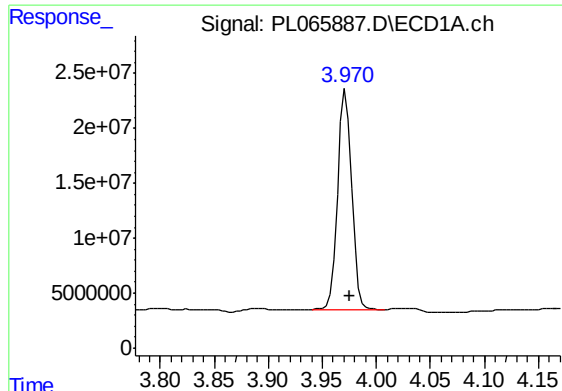
#2 alpha-BHC

R.T.: 3.699 min
Delta R.T.: -0.004 min
Response: 198926464
Conc: 48.64 ng/ml



#2 alpha-BHC

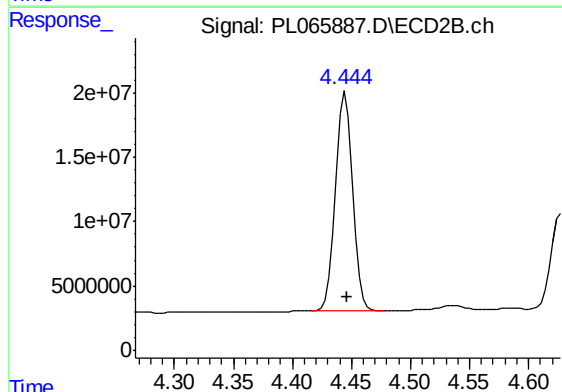
R.T.: 4.166 min
Delta R.T.: -0.001 min
Response: 195325852
Conc: 48.07 ng/ml



#3 gamma-BHC (Lindane)

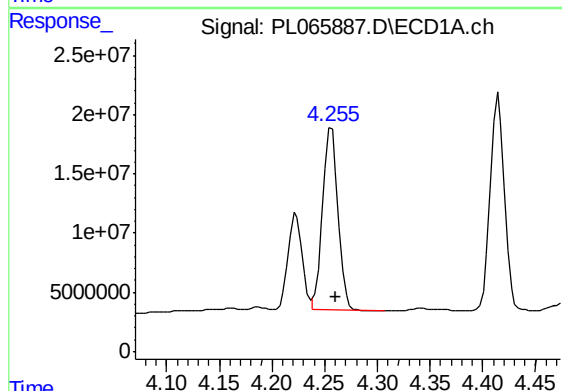
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 181471004
Conc: 49.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



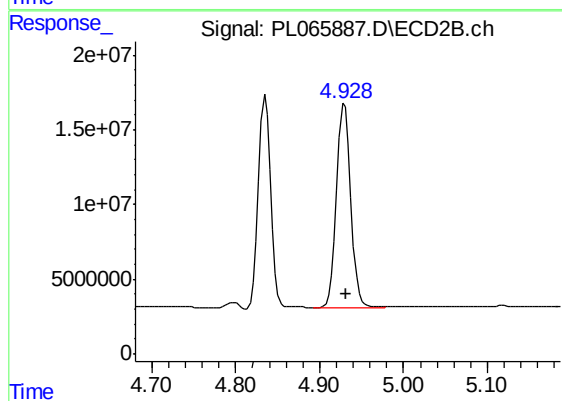
#3 gamma-BHC (Lindane)

R.T.: 4.445 min
Delta R.T.: -0.001 min
Response: 176304747
Conc: 48.16 ng/ml



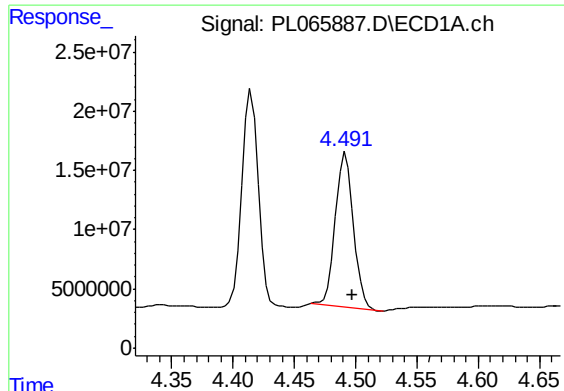
#4 Heptachlor

R.T.: 4.257 min
Delta R.T.: -0.004 min
Response: 157242707
Conc: 43.65 ng/ml



#4 Heptachlor

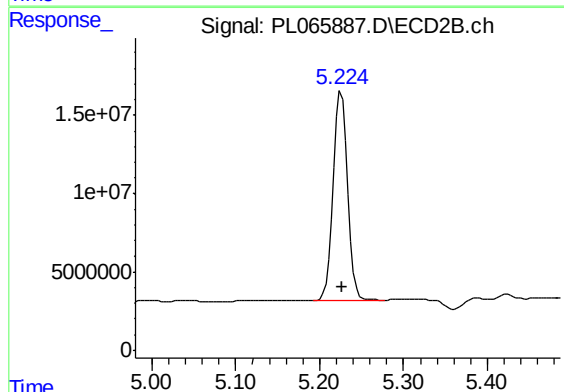
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 160902338
Conc: 45.59 ng/ml



#5 Aldrin

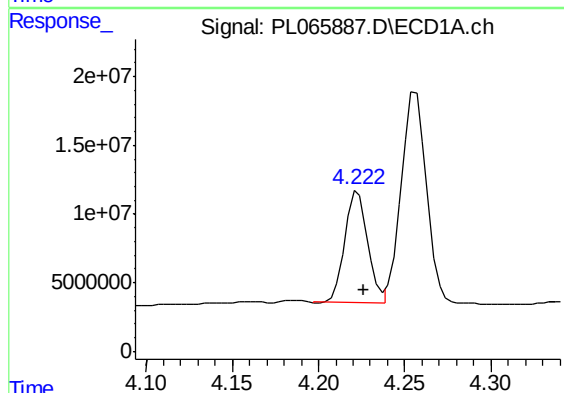
R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 134221675
Conc: 39.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



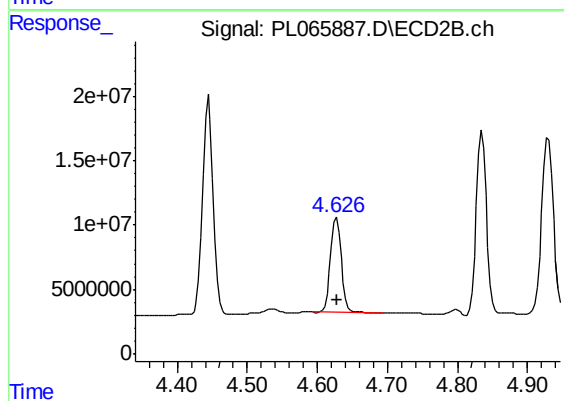
#5 Aldrin

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 159174925
Conc: 48.21 ng/ml



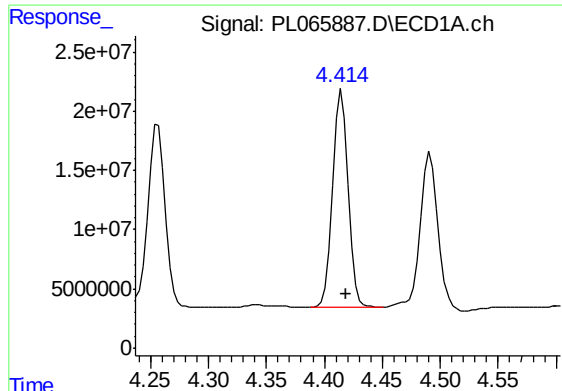
#6 beta-BHC

R.T.: 4.223 min
Delta R.T.: -0.003 min
Response: 75741042
Conc: 47.52 ng/ml



#6 beta-BHC

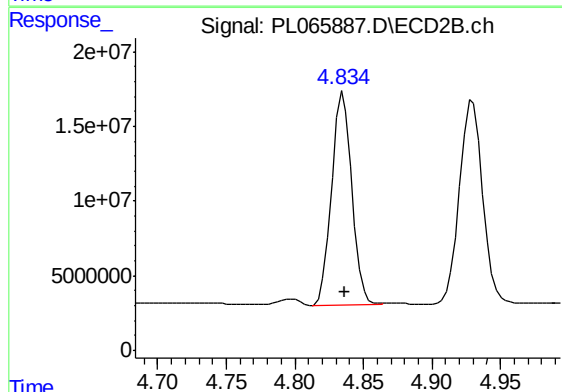
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 78635359
Conc: 45.15 ng/ml



#7 delta-BHC

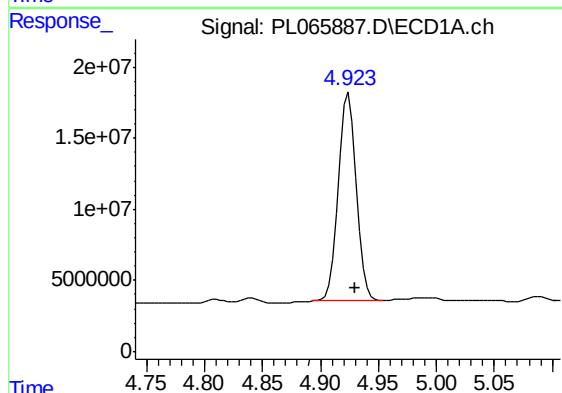
R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 171699328
Conc: 47.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



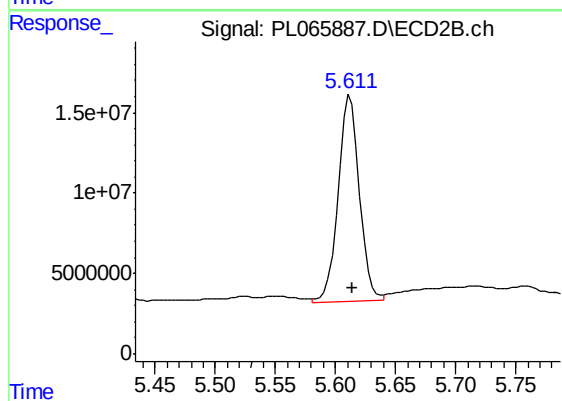
#7 delta-BHC

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 147680262
Conc: 49.52 ng/ml



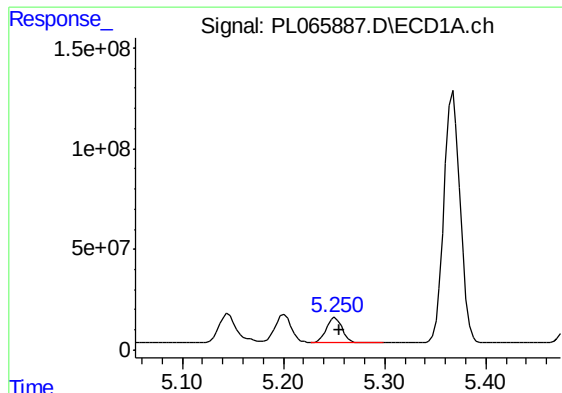
#8 Heptachlor epoxide

R.T.: 4.924 min
Delta R.T.: -0.005 min
Response: 158141431
Conc: 50.29 ng/ml



#8 Heptachlor epoxide

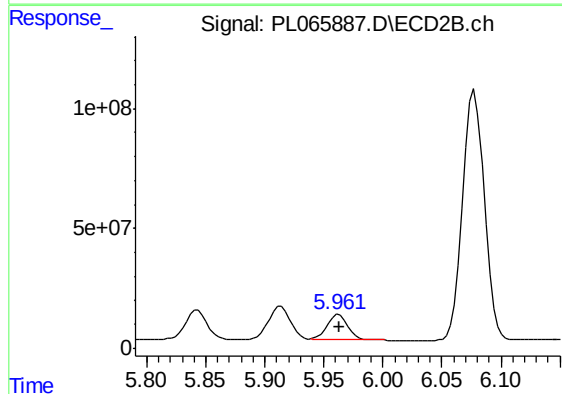
R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 158749293
Conc: 51.12 ng/ml



#9 Endosulfan I

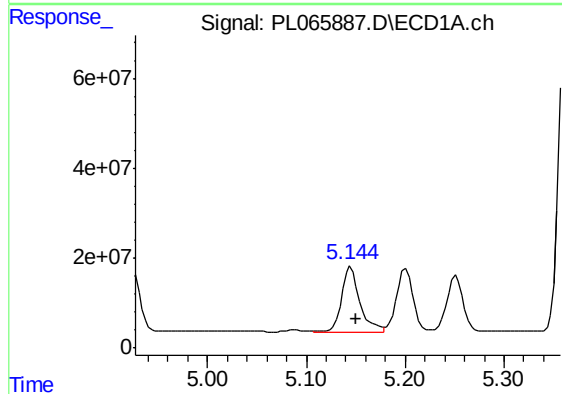
R.T.: 5.251 min
Delta R.T.: -0.004 min
Response: 144097353
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



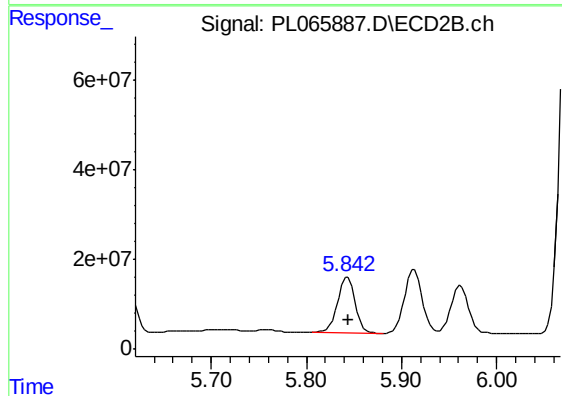
#9 Endosulfan I

R.T.: 5.962 min
Delta R.T.: -0.001 min
Response: 132686952
Conc: 48.33 ng/ml



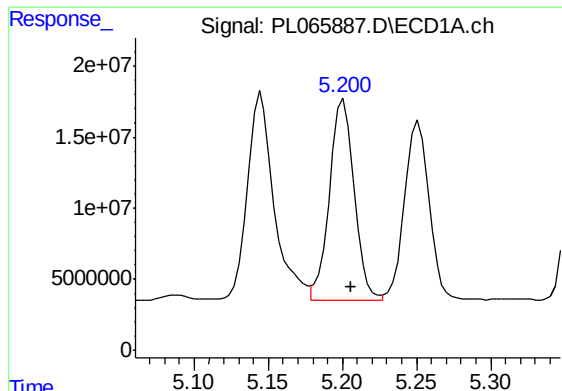
#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.005 min
Response: 184270861
Conc: 58.56 ng/ml



#10 gamma-Chlordane

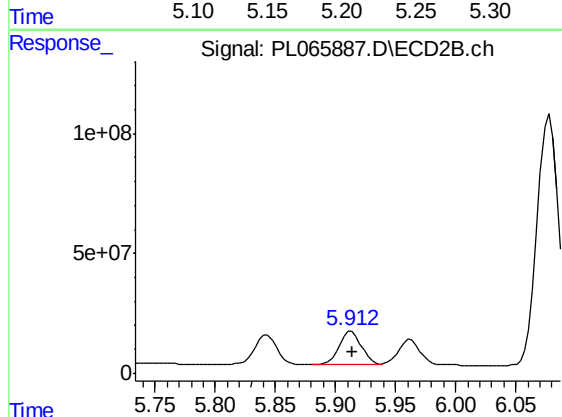
R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 159682393
Conc: 53.22 ng/ml



#11 alpha-Chlordane

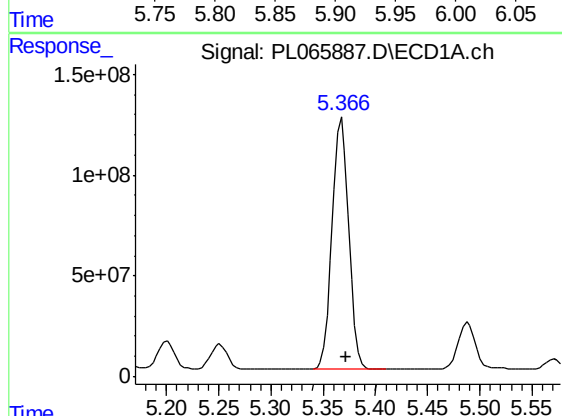
R.T.: 5.201 min
Delta R.T.: -0.005 min
Response: 164171033
Conc: 52.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



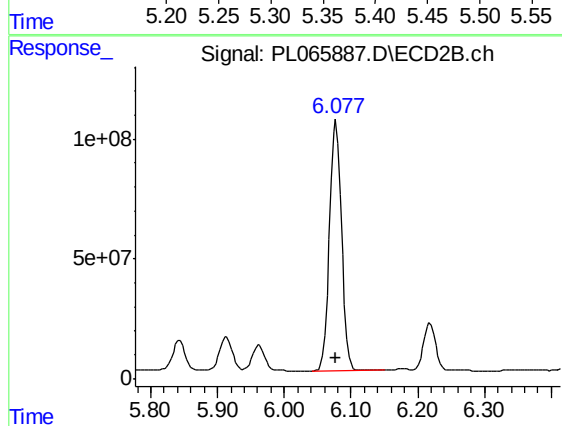
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 186133250
Conc: 62.90 ng/ml



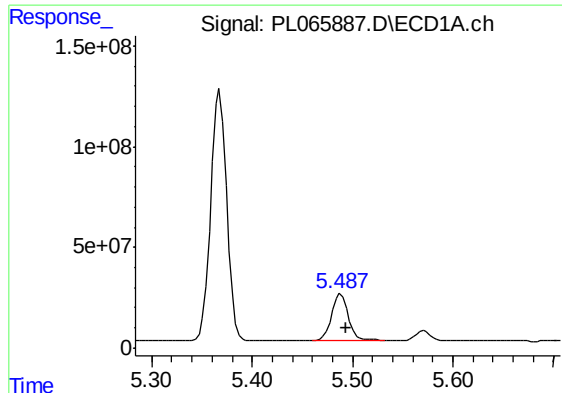
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 1385279324
Conc: 502.09 ng/ml



#12 4,4'-DDE

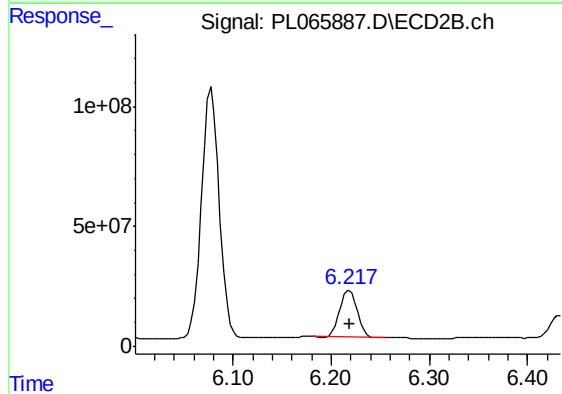
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 1326869471
Conc: 507.89 ng/ml



#13 Dieldrin

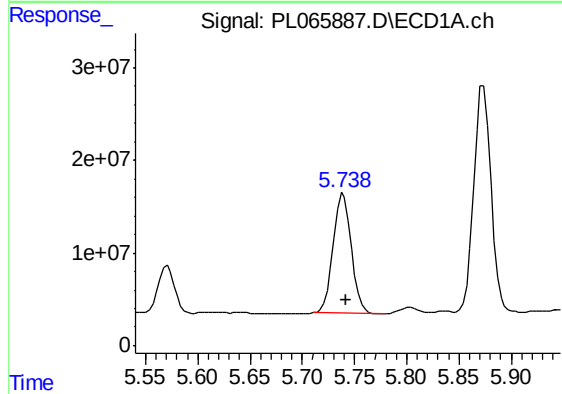
R.T.: 5.489 min
Delta R.T.: -0.004 min
Response: 272006692
Conc: 93.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



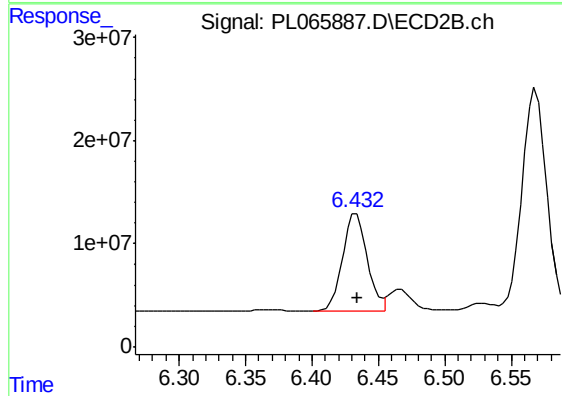
#13 Dieldrin

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 240492633
Conc: 85.33 ng/ml



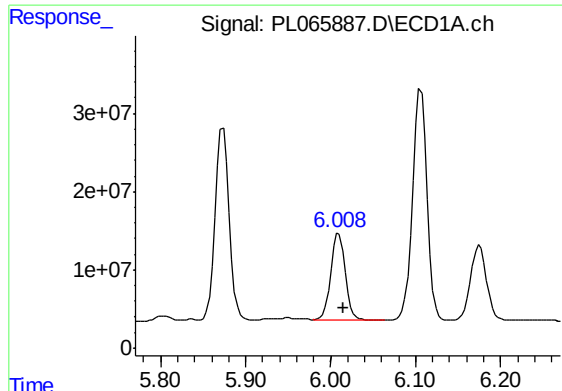
#14 Endrin

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 156962897
Conc: 58.13 ng/ml



#14 Endrin

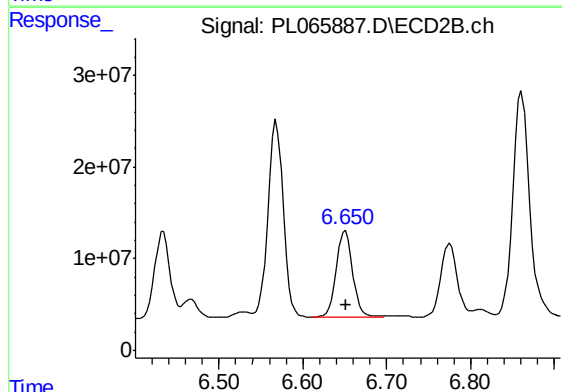
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 122373685
Conc: 49.13 ng/ml



#15 Endosulfan II

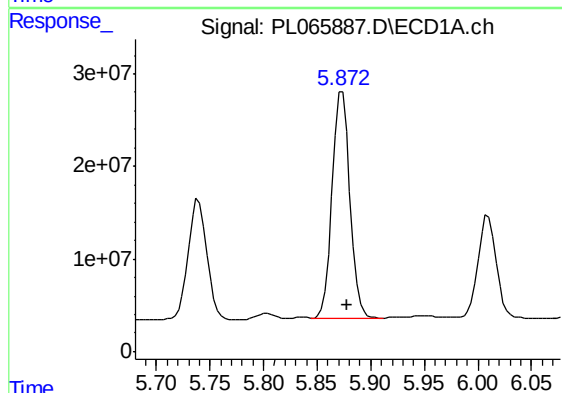
R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 133095741
Conc: 53.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



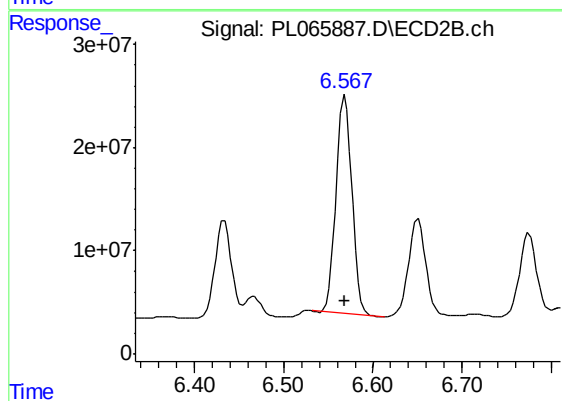
#15 Endosulfan II

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 128945939
Conc: 54.56 ng/ml



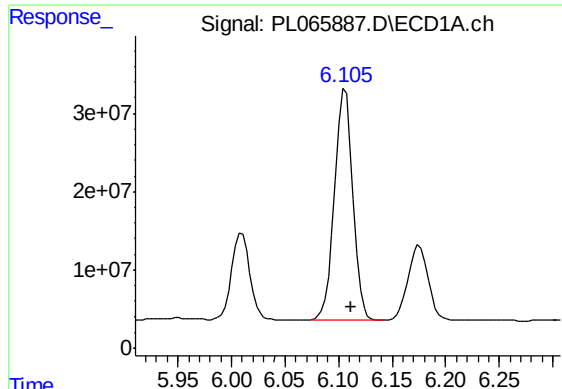
#16 4,4'-DDD

R.T.: 5.873 min
Delta R.T.: -0.005 min
Response: 280232527
Conc: 123.50 ng/ml



#16 4,4'-DDD

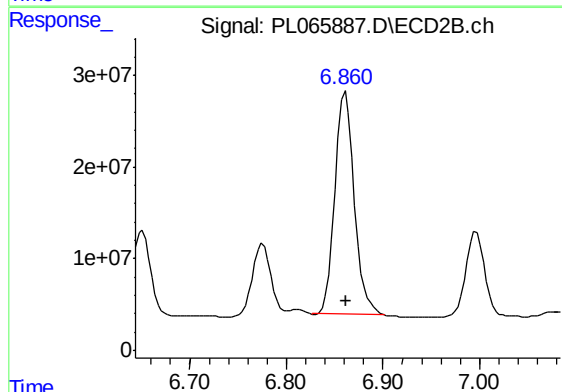
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 262581036
Conc: 124.58 ng/ml



#17 4,4'-DDT

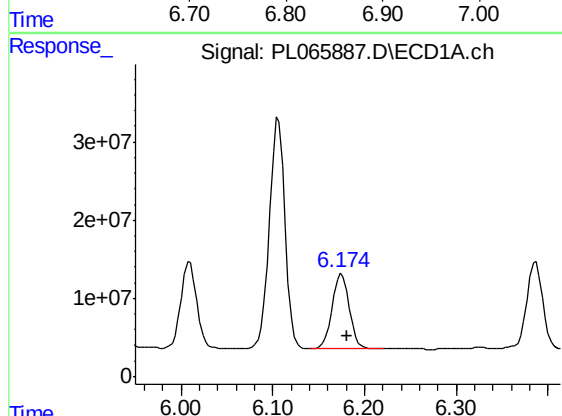
R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 349951974
Conc: 166.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



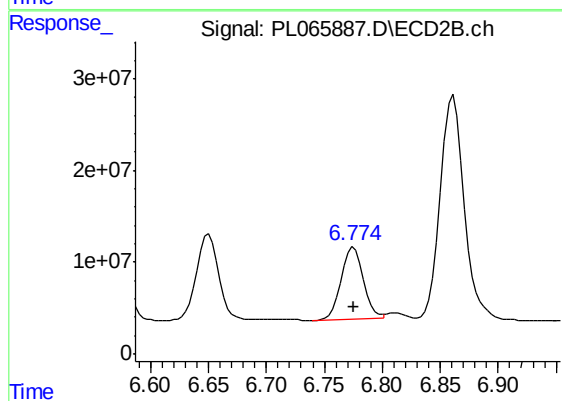
#17 4,4'-DDT

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 331192897
Conc: 147.91 ng/ml



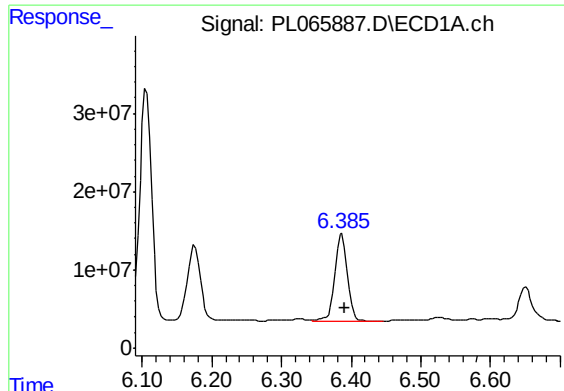
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 125401741
Conc: 66.28 ng/ml



#18 Endrin aldehyde

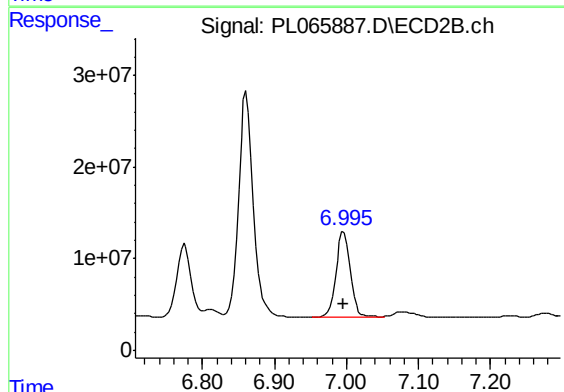
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 105452481
Conc: 55.58 ng/ml



#19 Endosulfan Sulfate

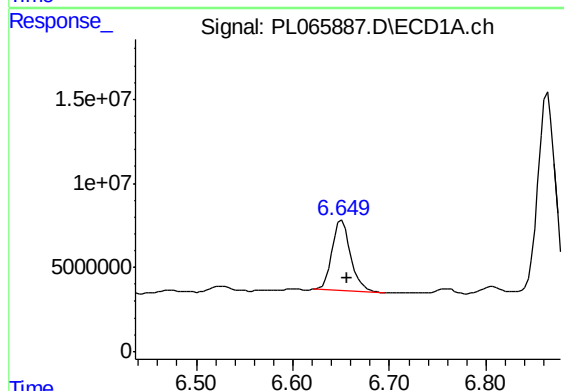
R.T.: 6.387 min
Delta R.T.: -0.004 min
Response: 139795876
Conc: 54.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



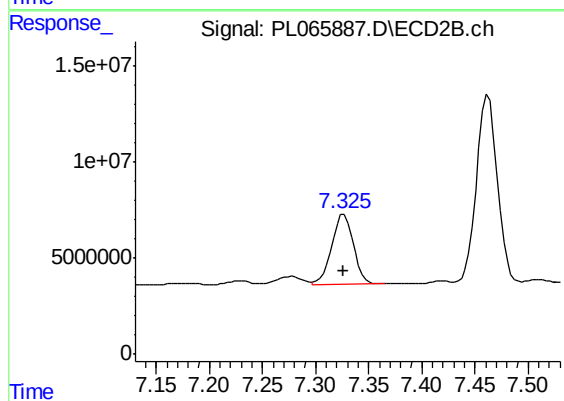
#19 Endosulfan Sulfate

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 127631362
Conc: 52.61 ng/ml



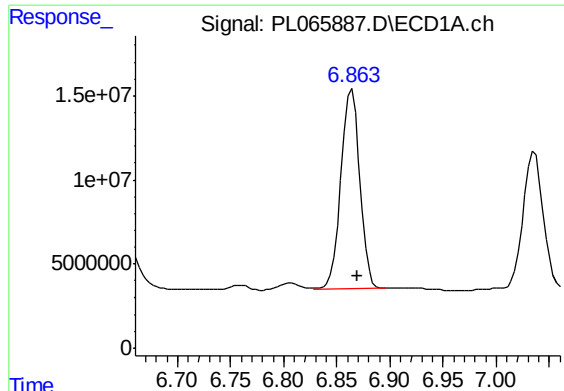
#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: -0.005 min
Response: 54617898
Conc: 43.51 ng/ml



#20 Methoxychlor

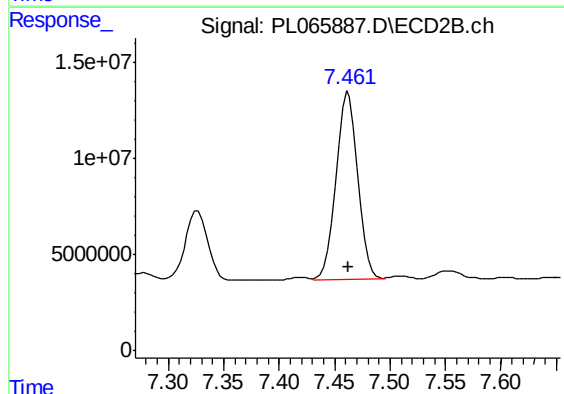
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 51552368
Conc: 40.70 ng/ml



#21 Endrin ketone

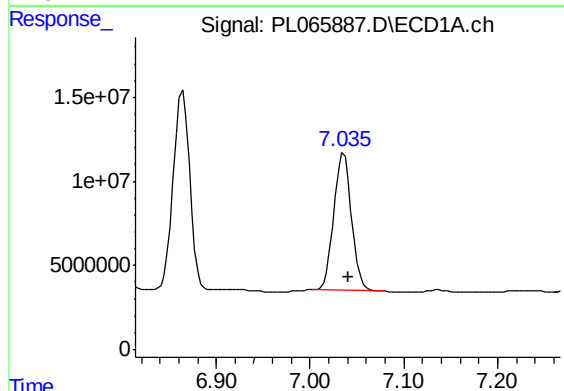
R.T.: 6.864 min
Delta R.T.: -0.005 min
Response: 145891592
Conc: 53.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



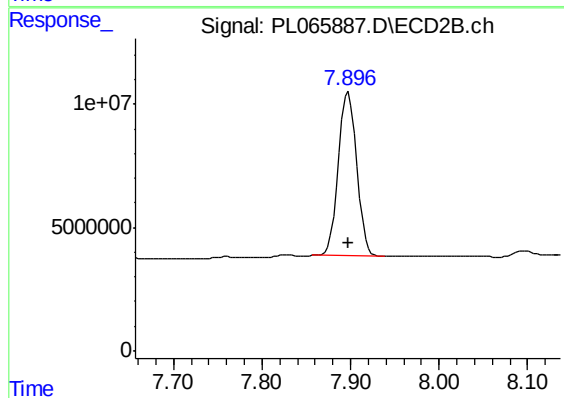
#21 Endrin ketone

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 133527005
Conc: 51.95 ng/ml



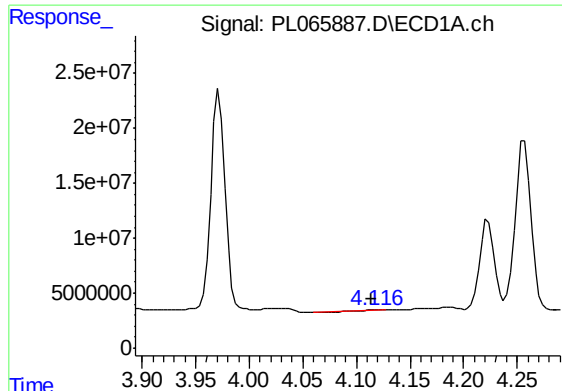
#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.005 min
Response: 107976433
Conc: 51.56 ng/ml



#22 Mirex

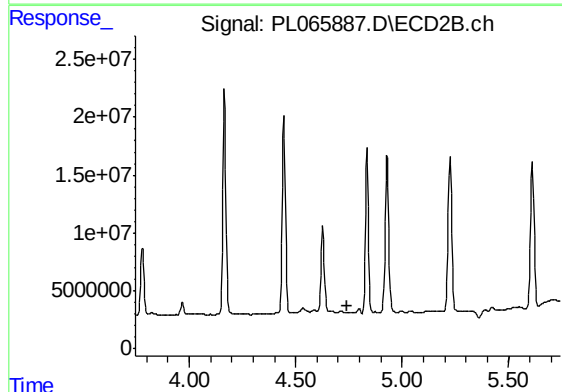
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 96358298
Conc: 49.37 ng/ml



#23 Chlordane-1

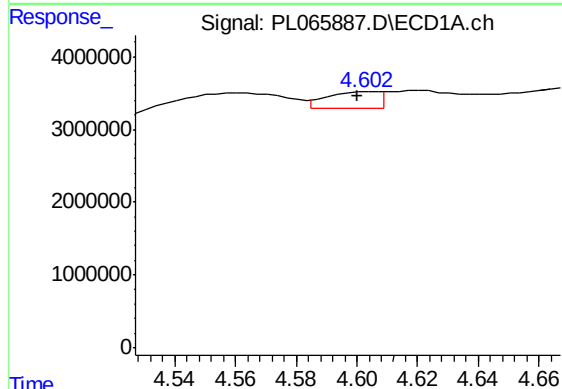
R.T.: 4.118 min
Delta R.T.: 0.004 min
Response: 297937
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



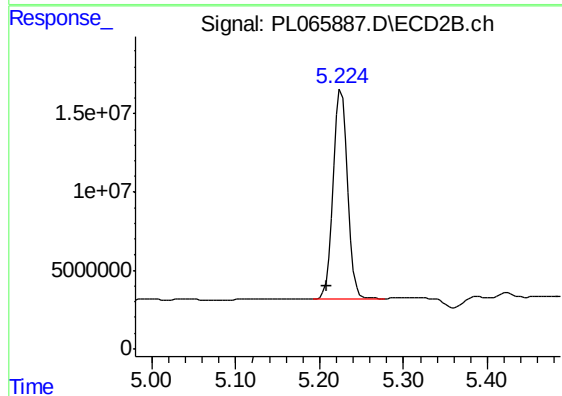
#23 Chlordane-1

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



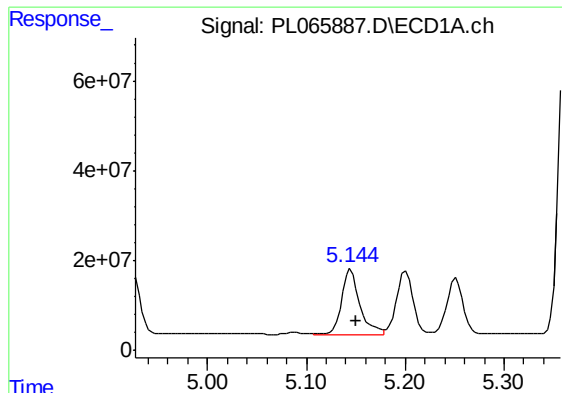
#24 Chlordane-2

R.T.: 4.604 min
Delta R.T.: 0.004 min
Response: 2739172
Conc: 23.83 ng/ml



#24 Chlordane-2

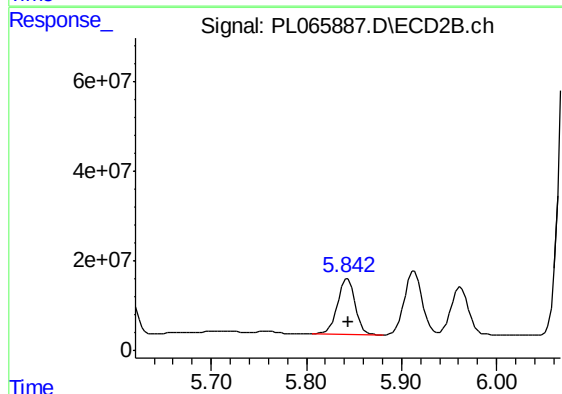
R.T.: 5.226 min
Delta R.T.: 0.018 min
Response: 159174925
Conc: 1390.92 ng/ml



#25 Chlordane-3

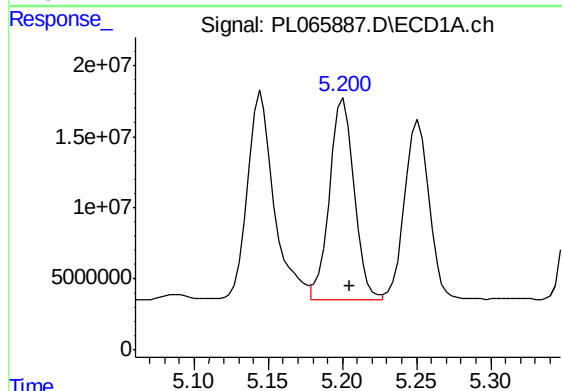
R.T.: 5.145 min
Delta R.T.: -0.005 min
Response: 184270861
Conc: 592.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



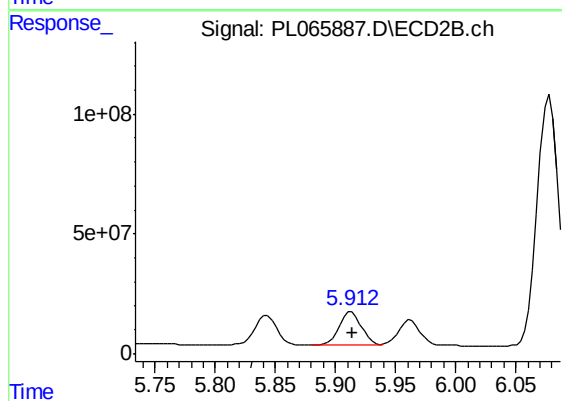
#25 Chlordane-3

R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 159682393
Conc: 375.69 ng/ml



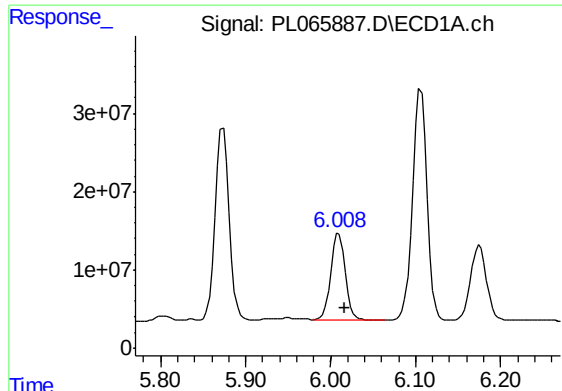
#26 Chlordane-4

R.T.: 5.201 min
Delta R.T.: -0.004 min
Response: 164171033
Conc: 575.00 ng/ml



#26 Chlordane-4

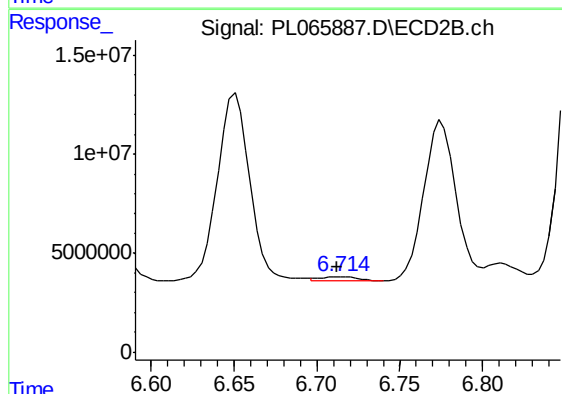
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 186133250
Conc: 367.94 ng/ml



#27 Chlordane-5

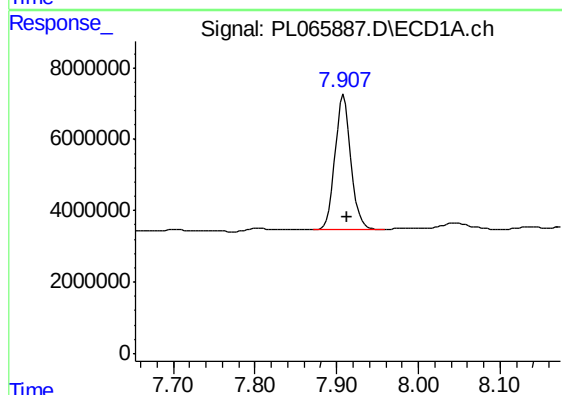
R.T.: 6.010 min
Delta R.T.: -0.007 min
Response: 133095741
Conc: 1301.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-1MSD



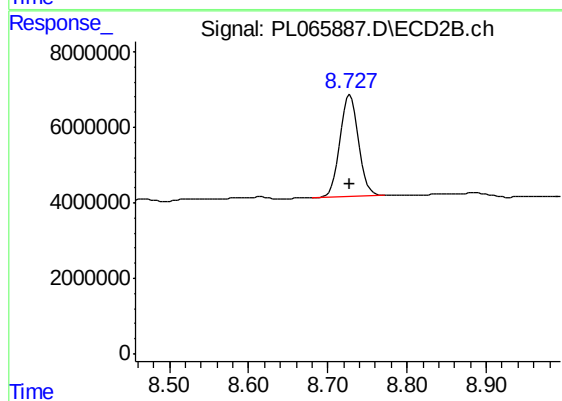
#27 Chlordane-5

R.T.: 6.716 min
Delta R.T.: 0.004 min
Response: 3225603
Conc: 38.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.005 min
Response: 51105472
Conc: 22.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 45313741
Conc: 20.10 ng/ml