

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
 Data File : PL080886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 14:00
 Operator : AR\AJ
 Sample : PB150806BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:08:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.361	2.686	47905161	44411168	22.335	20.219
28)	SA Decachlor...	8.804	7.839	38754995	48095255	22.136	20.187
Target Compounds							
2)	A alpha-BHC	3.810	3.187	166.1E6	149.1E6	52.444	46.870
3)	MA gamma-BHC...	4.139	3.516	155.3E6	141.2E6	52.832	47.256
4)	MA Heptachlor	4.723	3.857	154.3E6	146.8E6	52.219	46.133
5)	MB Aldrin	5.061	4.137	144.3E6	138.0E6	52.729	46.798
6)	B beta-BHC	4.335	3.813	66642032	61111942	48.821	45.789
7)	B delta-BHC	4.579	4.042	139.4E6	123.3E6	48.160	42.734
8)	B Heptachlo...	5.487	4.639	133.6E6	129.7E6	51.653	46.627
9)	A Endosulfan I	5.868	5.009	122.4E6	119.3E6	51.813	45.864
10)	B gamma-Chl...	5.741	4.890	133.5E6	127.3E6	52.837	44.903
11)	B alpha-Chl...	5.820	4.955	131.8E6	128.6E6	52.213	44.887
12)	B 4,4'-DDE	5.999	5.147	118.0E6	110.5E6	52.958	46.845
13)	MA Dieldrin	6.143	5.274	127.0E6	123.8E6	53.083	45.776
14)	MA Endrin	6.371	5.550	106.0E6	108.6E6	49.015	46.775
15)	B Endosulfa...	6.589	5.844	106.9E6	105.0E6	46.614	50.367
16)	A 4,4'-DDD	6.513	5.702	100.7E6	95941624	54.976	51.054
17)	MA 4,4'-DDT	6.826	5.954	95863536	91302797	46.140	43.447
18)	B Endrin al...	6.718	6.024	86354324	85144931	51.914	46.626
19)	B Endosulfa...	6.952	6.247	105.0E6	107.5E6	50.721	46.230
20)	A Methoxychlor	7.304	6.532	50501461	50918343	45.774	41.961
21)	B Endrin ke...	7.433	6.753	117.1E6	123.6E6	53.073	48.414
22)	Mirex	7.904	6.936	87072319	104.5E6	50.630	45.902
23)	Chlordane-1	0.000	3.686	0	12250	N.D.	0.150 #
24)	Chlordane-2	0.000	4.271	0	137937	N.D.	1.530 #
25)	Chlordane-3	5.741	4.890	133.5E6	127.3E6	394.929	482.535
26)	Chlordane-4	5.820	4.955	131.8E6	128.6E6	305.505	477.487 #
27)	Chlordane-5	0.000	5.621	0	296350	N.D.	4.165 #

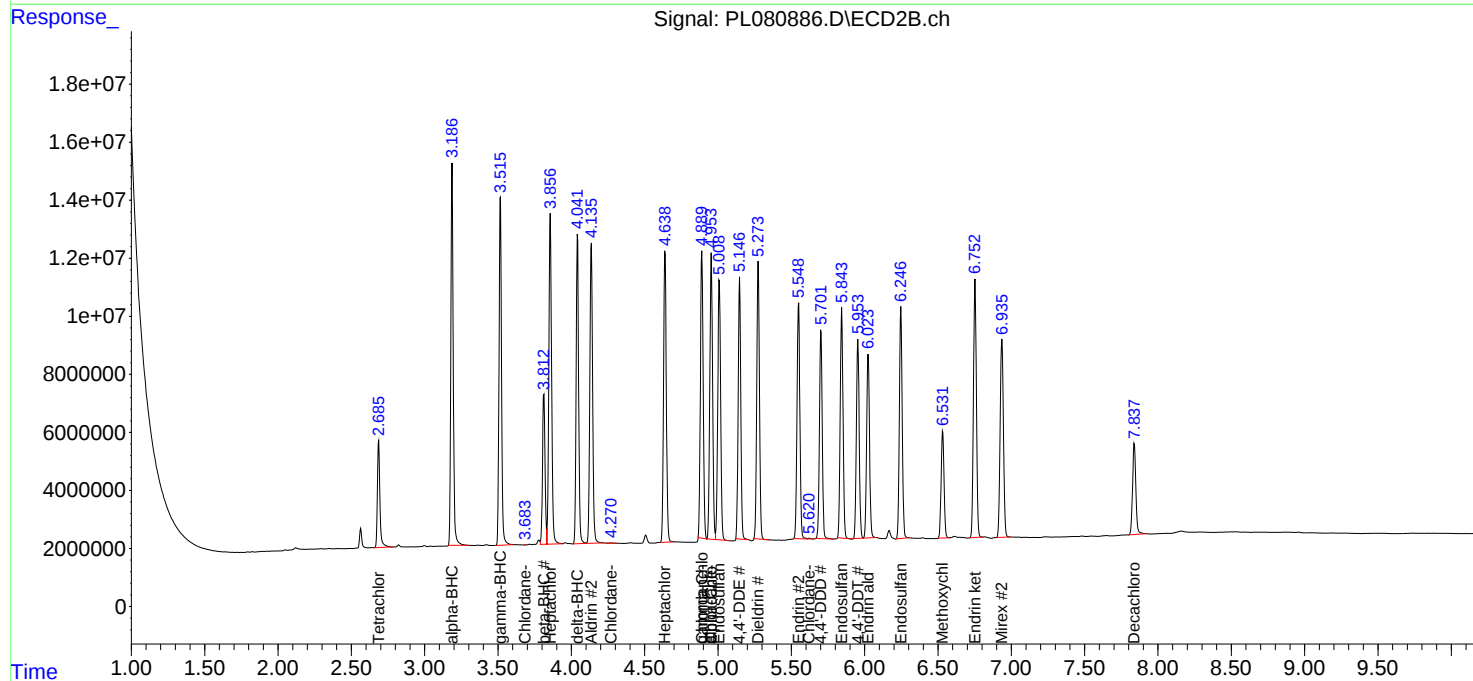
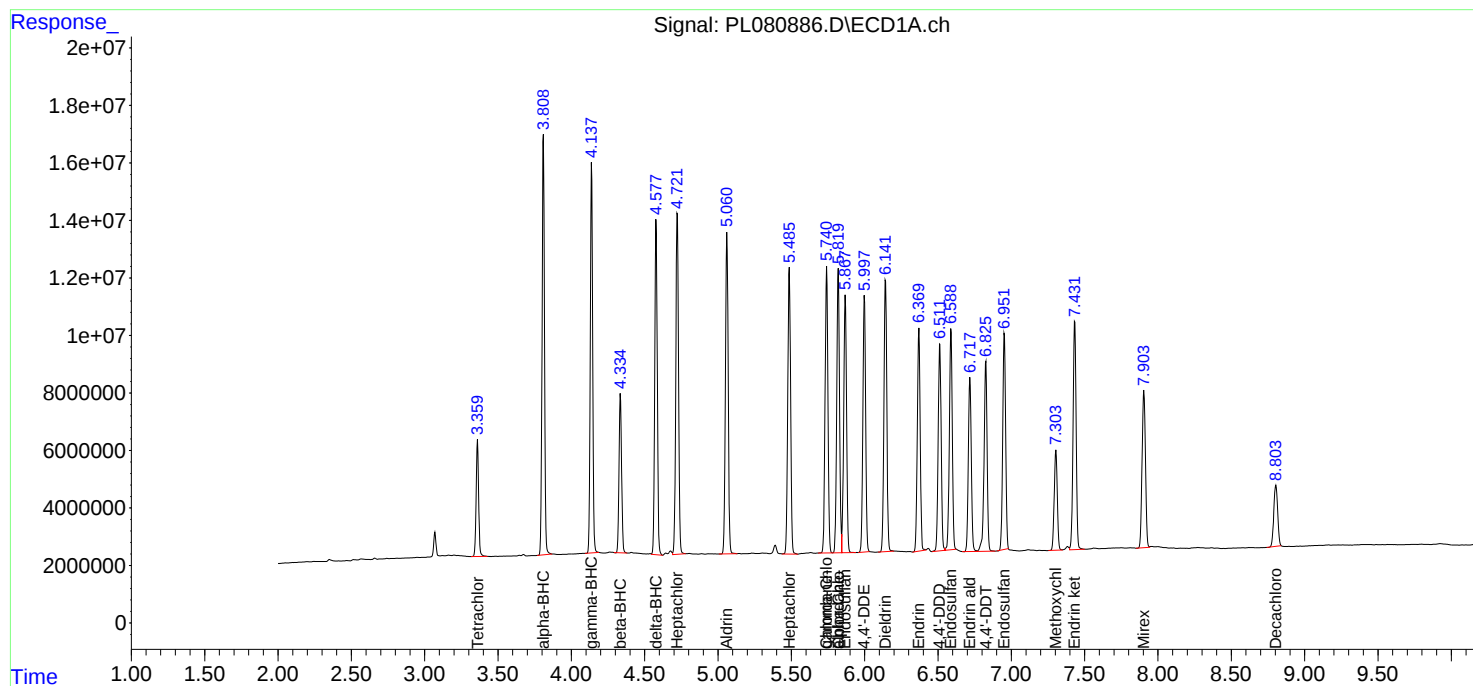
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

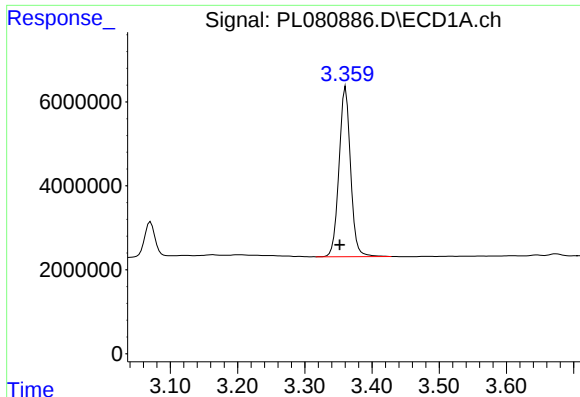
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

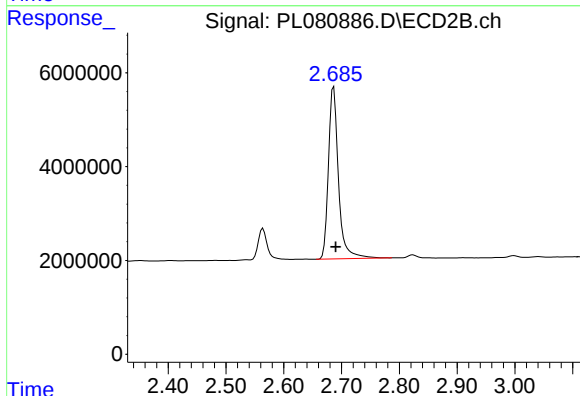




#1 Tetrachloro-m-xylene

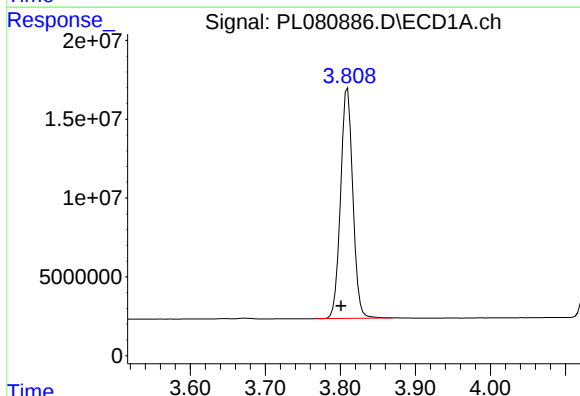
R.T.: 3.361 min
Delta R.T.: 0.009 min
Response: 47905161
Conc: 22.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



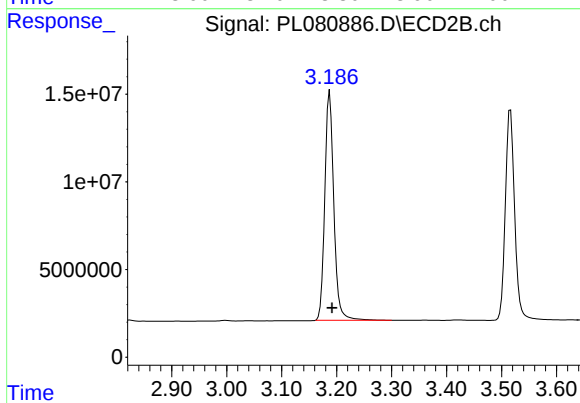
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 44411168
Conc: 20.22 ng/ml



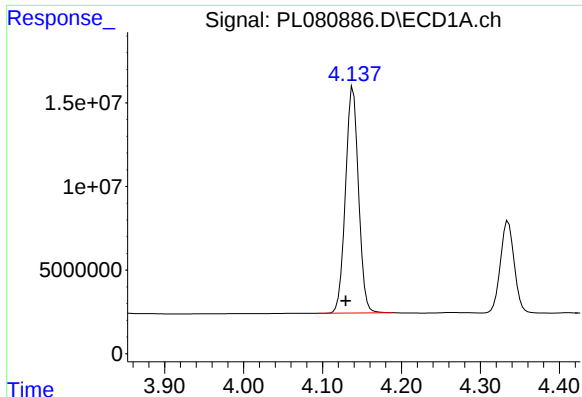
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: 0.009 min
Response: 166143940
Conc: 52.44 ng/ml



#2 alpha-BHC

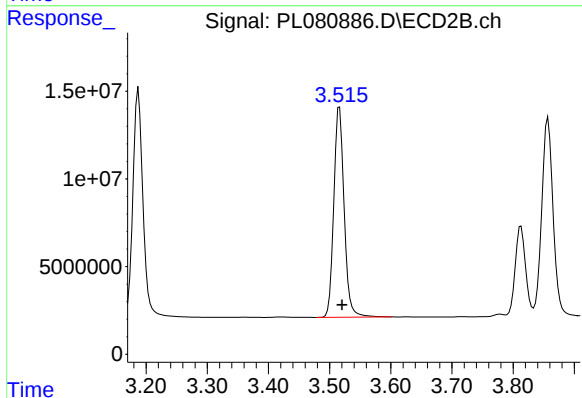
R.T.: 3.187 min
Delta R.T.: -0.004 min
Response: 149066244
Conc: 46.87 ng/ml



#3 gamma-BHC (Lindane)

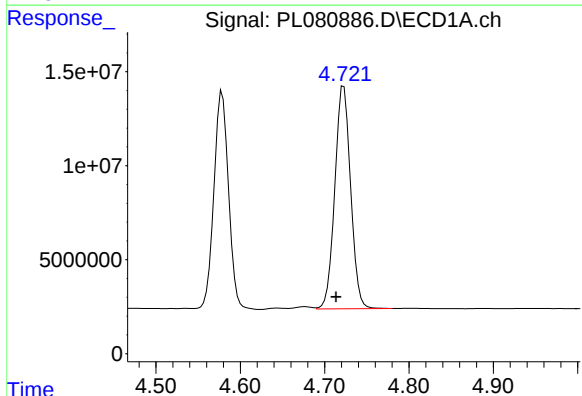
R.T.: 4.139 min
Delta R.T.: 0.009 min
Response: 155313634
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



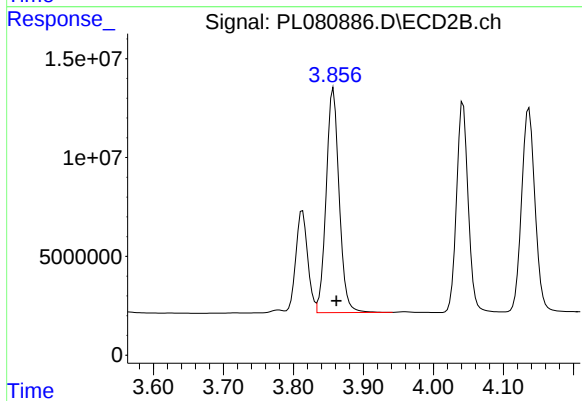
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 141166745
Conc: 47.26 ng/ml



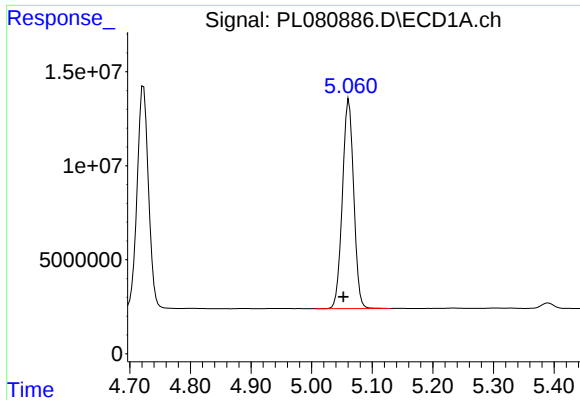
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 154318618
Conc: 52.22 ng/ml



#4 Heptachlor

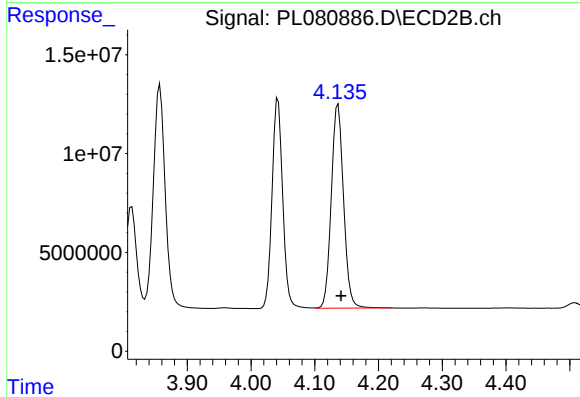
R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 146812652
Conc: 46.13 ng/ml



#5 Aldrin

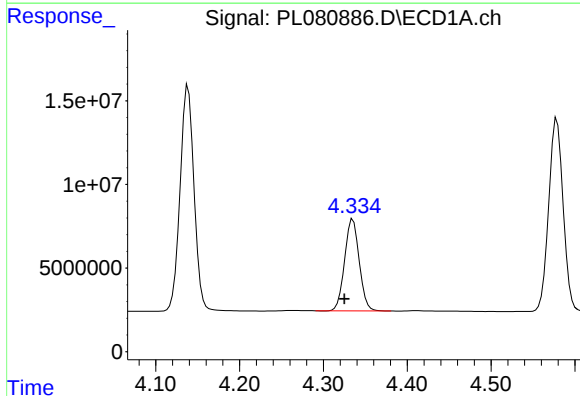
R.T.: 5.061 min
Delta R.T.: 0.009 min
Response: 144254018
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



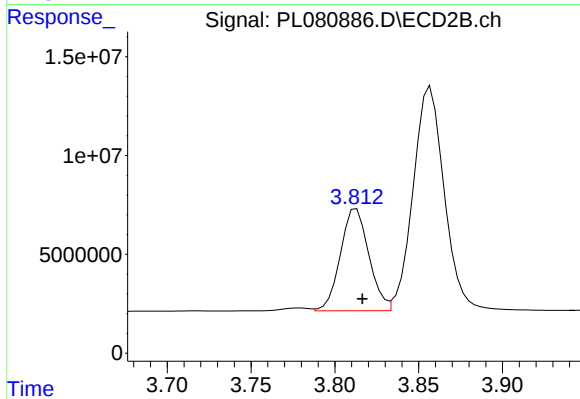
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 138033564
Conc: 46.80 ng/ml



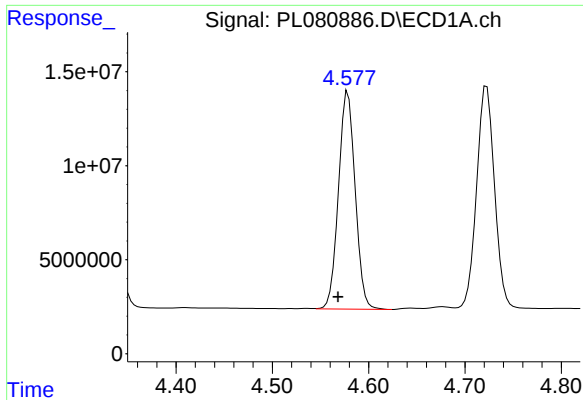
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.010 min
Response: 66642032
Conc: 48.82 ng/ml



#6 beta-BHC

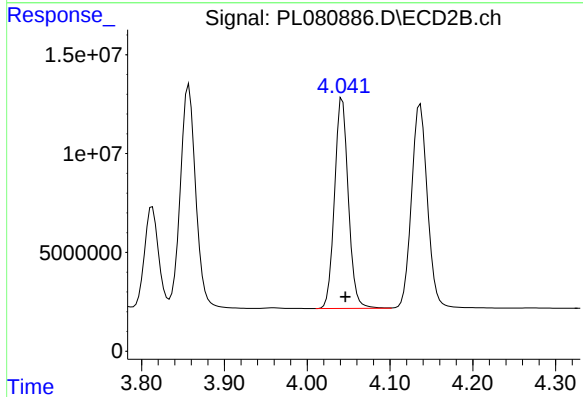
R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 61111942
Conc: 45.79 ng/ml



#7 delta-BHC

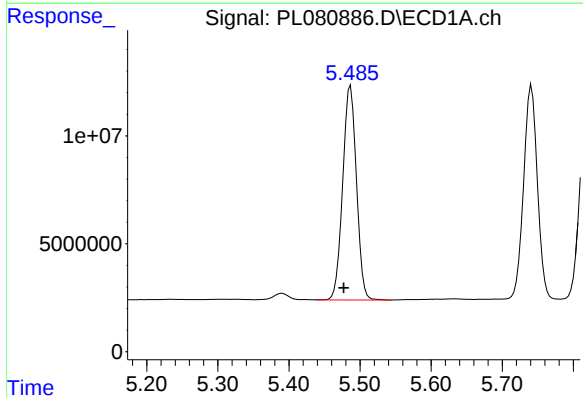
R.T.: 4.579 min
Delta R.T.: 0.010 min
Response: 139422583
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



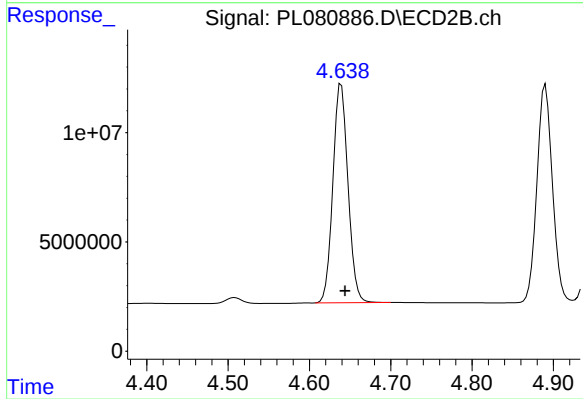
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 123264460
Conc: 42.73 ng/ml



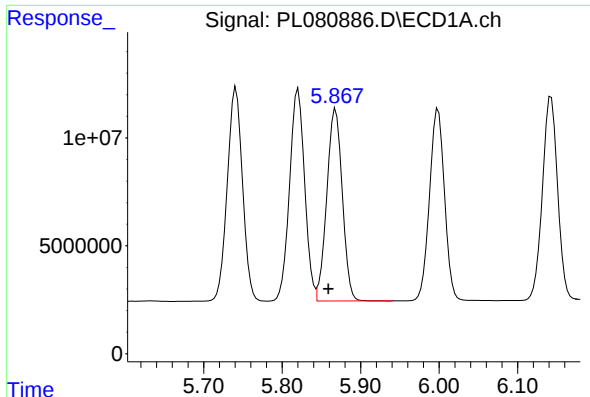
#8 Heptachlor epoxide

R.T.: 5.487 min
Delta R.T.: 0.010 min
Response: 133629253
Conc: 51.65 ng/ml



#8 Heptachlor epoxide

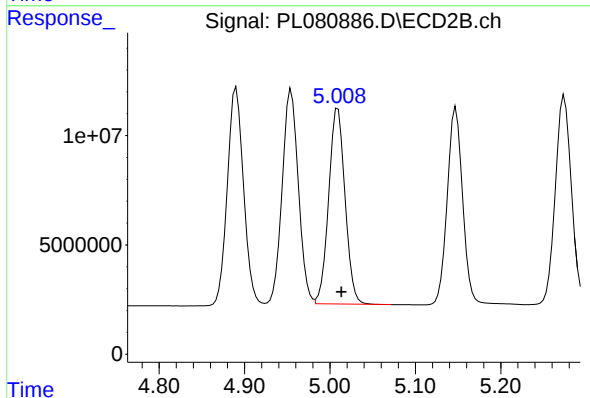
R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 129733005
Conc: 46.63 ng/ml



#9 Endosulfan I

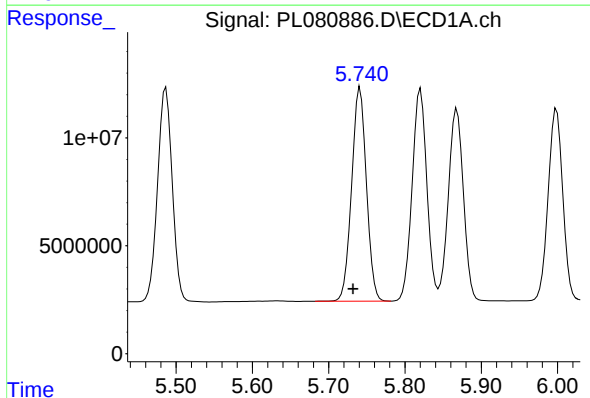
R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 122353566
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



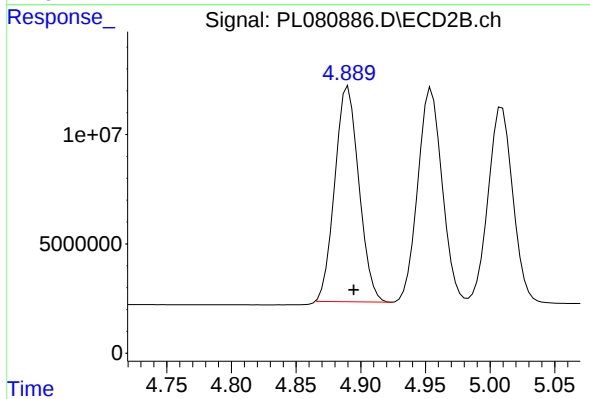
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 119306576
Conc: 45.86 ng/ml



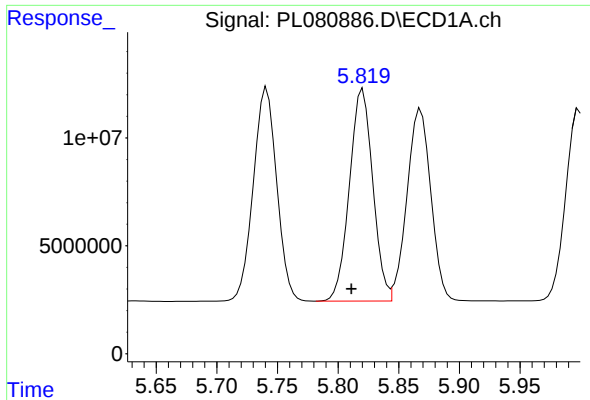
#10 gamma-Chlordane

R.T.: 5.741 min
Delta R.T.: 0.009 min
Response: 133450996
Conc: 52.84 ng/ml



#10 gamma-Chlordane

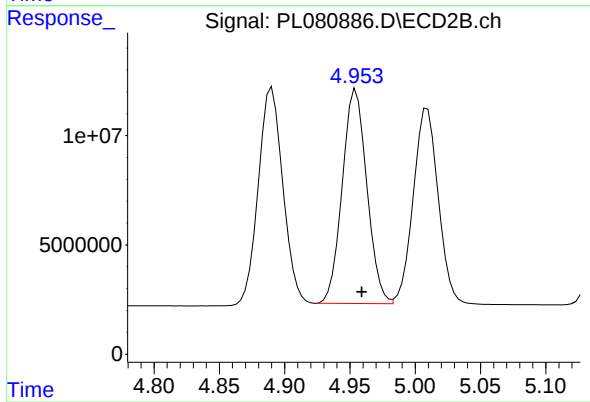
R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 127266324
Conc: 44.90 ng/ml



#11 alpha-Chlordane

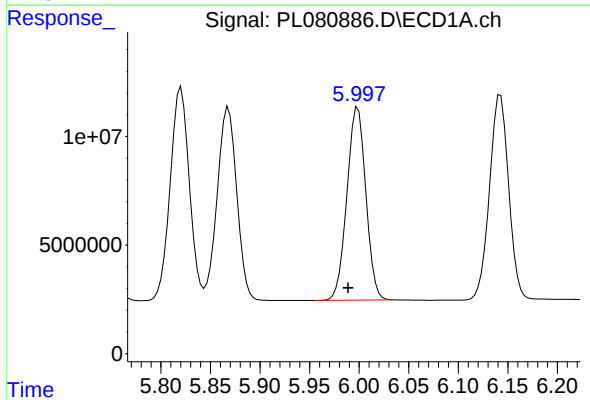
R.T.: 5.820 min
Delta R.T.: 0.010 min
Response: 131799713
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



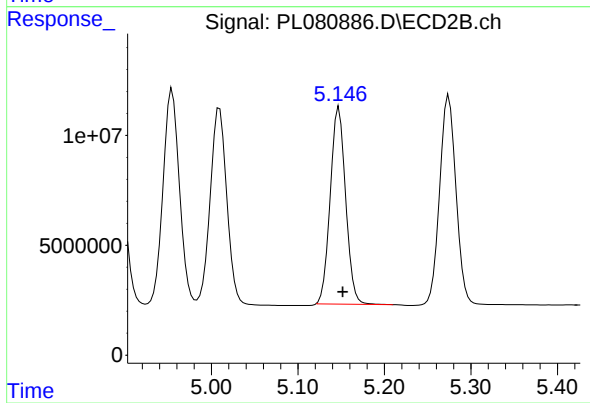
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 128586303
Conc: 44.89 ng/ml



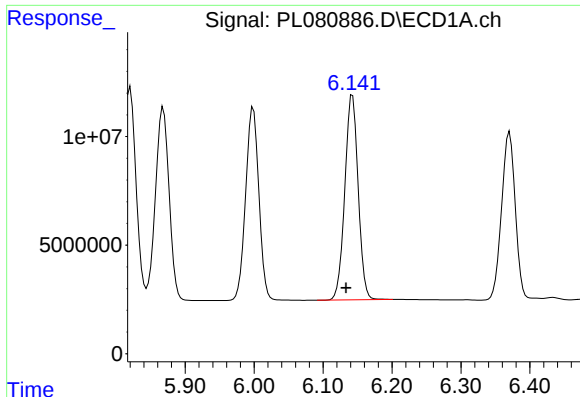
#12 4,4'-DDE

R.T.: 5.999 min
Delta R.T.: 0.010 min
Response: 117956754
Conc: 52.96 ng/ml



#12 4,4'-DDE

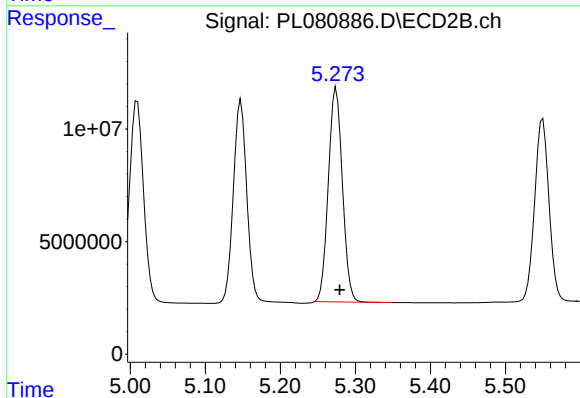
R.T.: 5.147 min
Delta R.T.: -0.004 min
Response: 110500667
Conc: 46.85 ng/ml



#13 Dieldrin

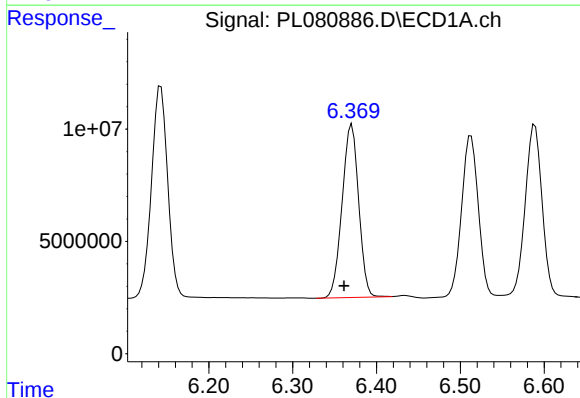
R.T.: 6.143 min
Delta R.T.: 0.009 min
Response: 127047255
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



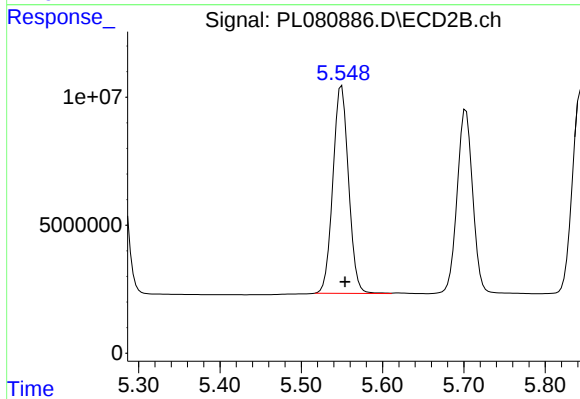
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 123822317
Conc: 45.78 ng/ml



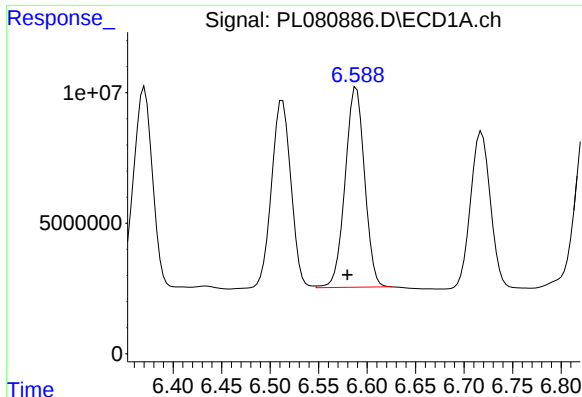
#14 Endrin

R.T.: 6.371 min
Delta R.T.: 0.009 min
Response: 106004934
Conc: 49.02 ng/ml



#14 Endrin

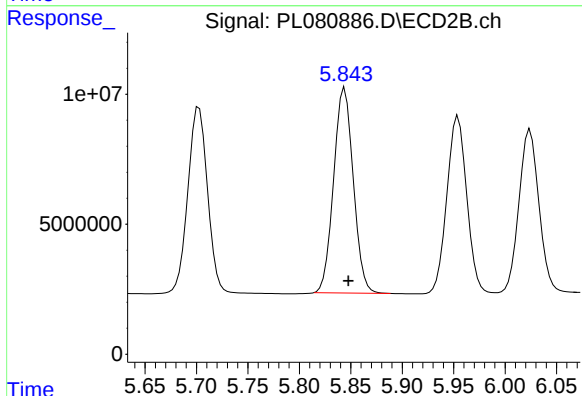
R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 108571636
Conc: 46.77 ng/ml



#15 Endosulfan II

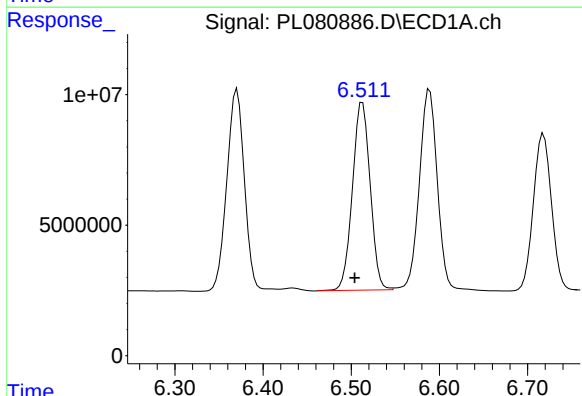
R.T.: 6.589 min
Delta R.T.: 0.009 min
Response: 106853671
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



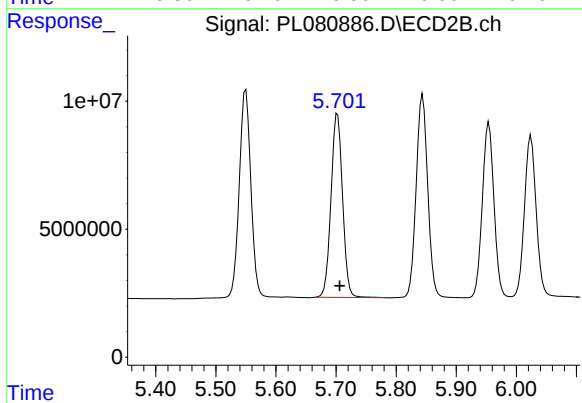
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 104951580
Conc: 50.37 ng/ml



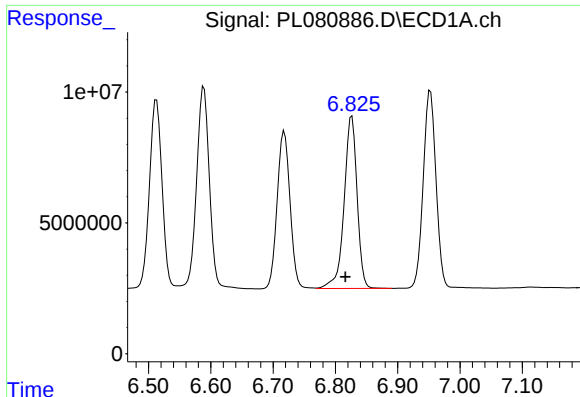
#16 4,4'-DDD

R.T.: 6.513 min
Delta R.T.: 0.009 min
Response: 100715219
Conc: 54.98 ng/ml



#16 4,4'-DDD

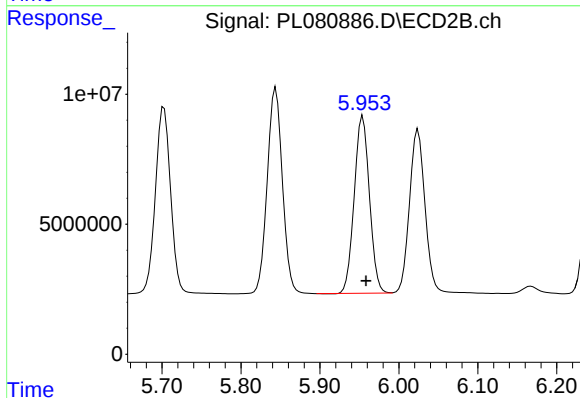
R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 95941624
Conc: 51.05 ng/ml



#17 4,4'-DDT

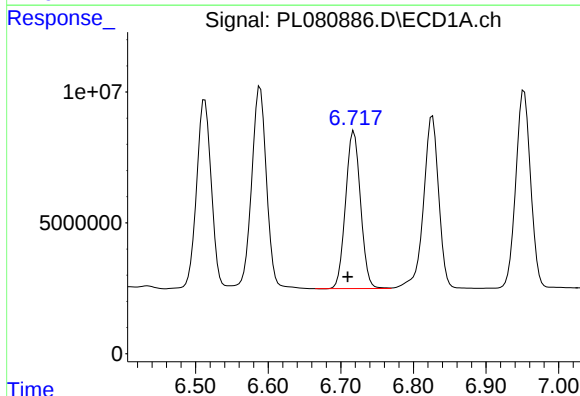
R.T.: 6.826 min
Delta R.T.: 0.010 min
Response: 95863536
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



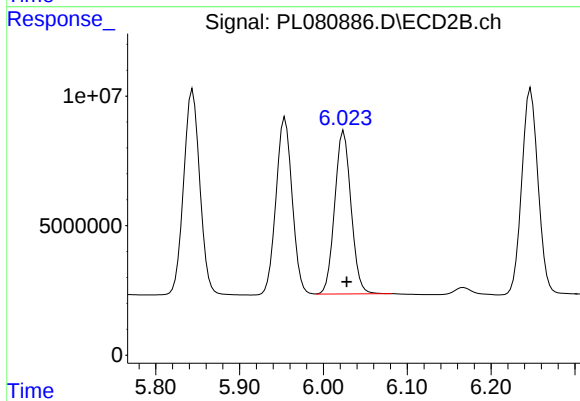
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 91302797
Conc: 43.45 ng/ml



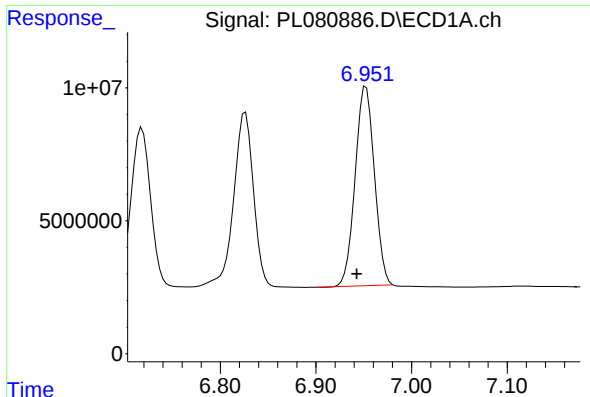
#18 Endrin aldehyde

R.T.: 6.718 min
Delta R.T.: 0.009 min
Response: 86354324
Conc: 51.91 ng/ml



#18 Endrin aldehyde

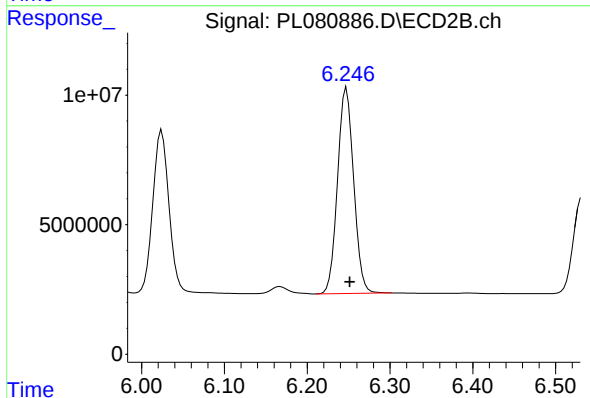
R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 85144931
Conc: 46.63 ng/ml



#19 Endosulfan Sulfate

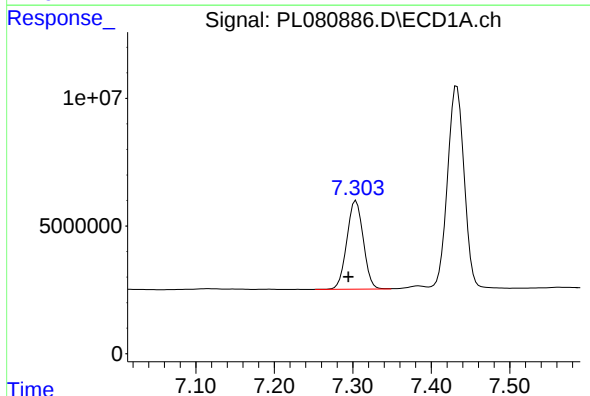
R.T.: 6.952 min
Delta R.T.: 0.010 min
Response: 104987328
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



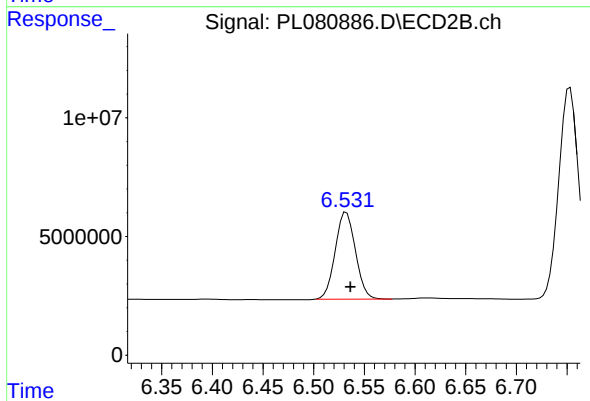
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 107514734
Conc: 46.23 ng/ml



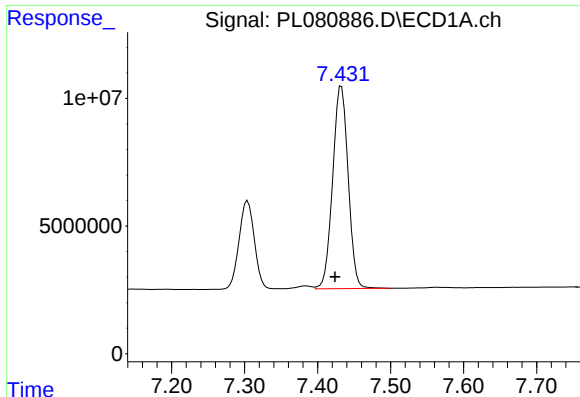
#20 Methoxychlor

R.T.: 7.304 min
Delta R.T.: 0.010 min
Response: 50501461
Conc: 45.77 ng/ml



#20 Methoxychlor

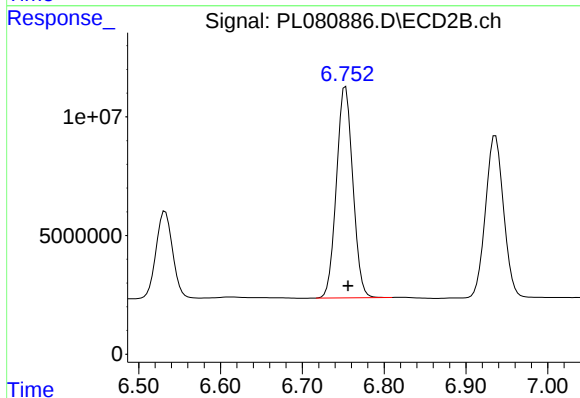
R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 50918343
Conc: 41.96 ng/ml



#21 Endrin ketone

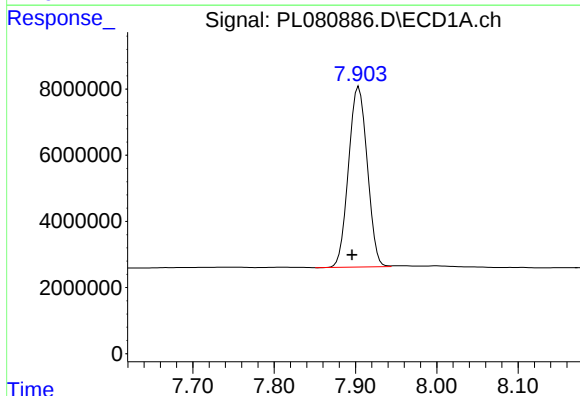
R.T.: 7.433 min
Delta R.T.: 0.009 min
Response: 117096476
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



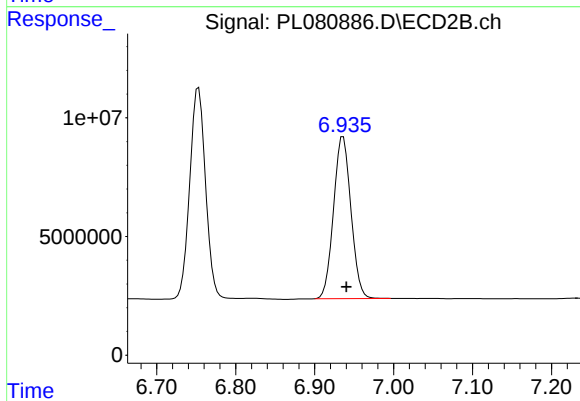
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 123613154
Conc: 48.41 ng/ml



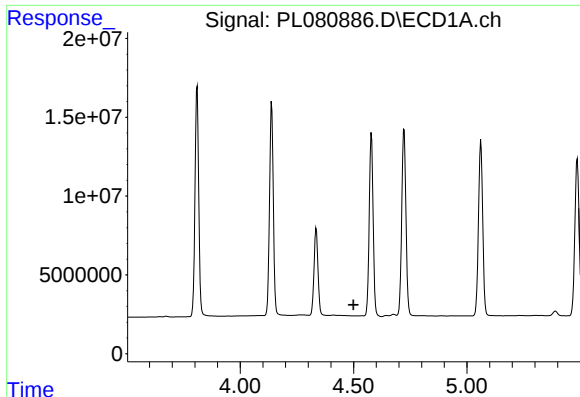
#22 Mirex

R.T.: 7.904 min
Delta R.T.: 0.008 min
Response: 87072319
Conc: 50.63 ng/ml



#22 Mirex

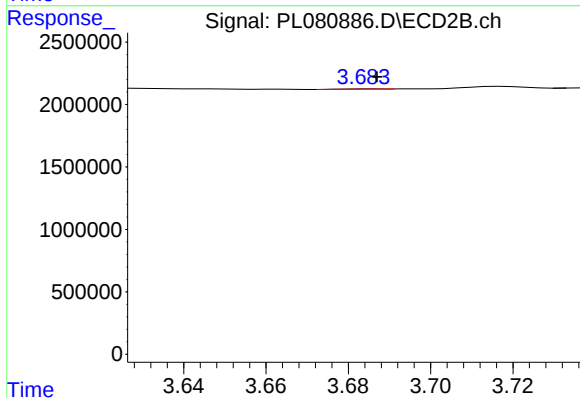
R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 104506001
Conc: 45.90 ng/ml



#23 Chlordane-1

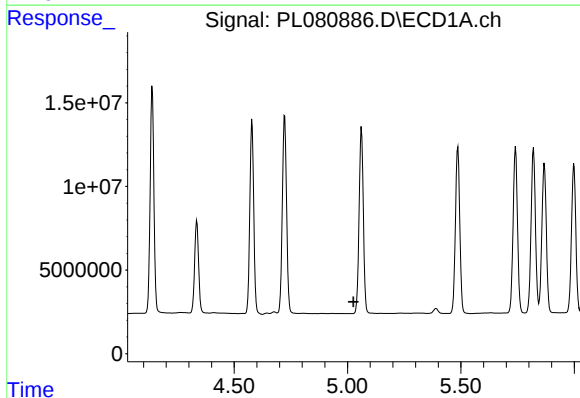
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



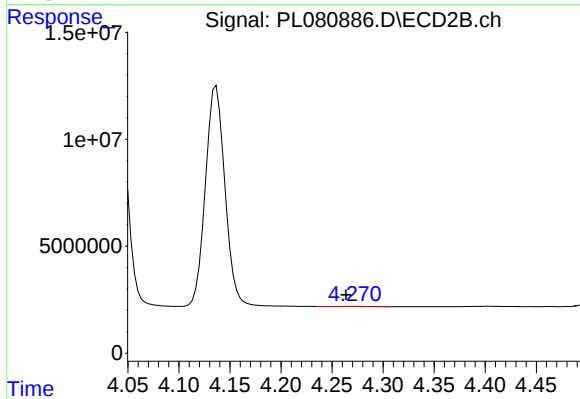
#23 Chlordane-1

R.T.: 3.686 min
Delta R.T.: -0.001 min
Response: 12250
Conc: 0.15 ng/ml



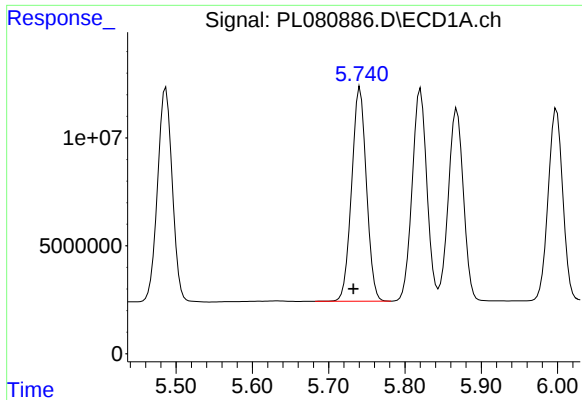
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.



#24 Chlordane-2

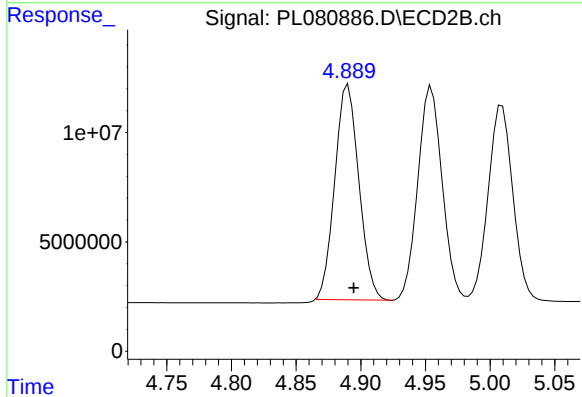
R.T.: 4.271 min
Delta R.T.: 0.007 min
Response: 137937
Conc: 1.53 ng/ml



#25 Chlordane-3

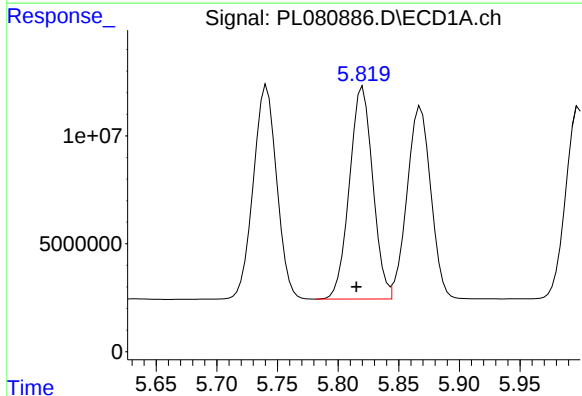
R.T.: 5.741 min
Delta R.T.: 0.009 min
Response: 133450996
Conc: 394.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



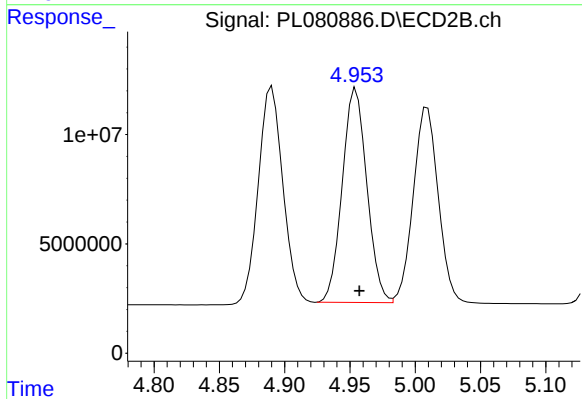
#25 Chlordane-3

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 127266324
Conc: 482.54 ng/ml



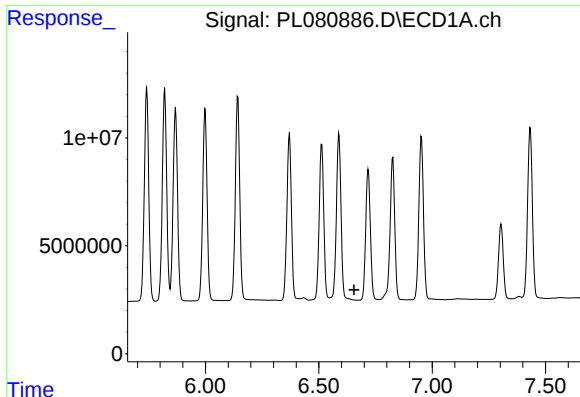
#26 Chlordane-4

R.T.: 5.820 min
Delta R.T.: 0.005 min
Response: 131799713
Conc: 305.51 ng/ml



#26 Chlordane-4

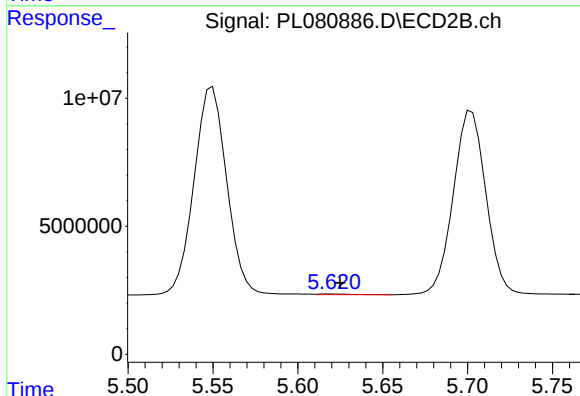
R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 128586303
Conc: 477.49 ng/ml



#27 Chlordane-5

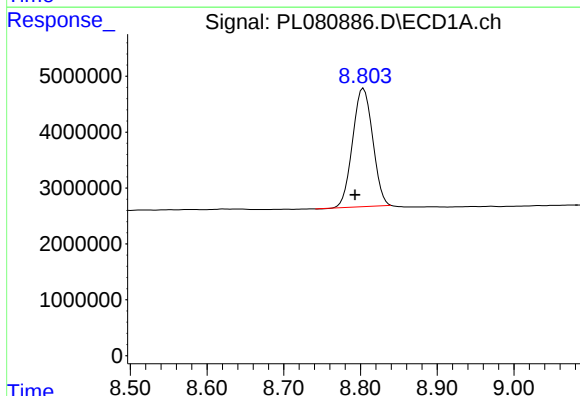
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



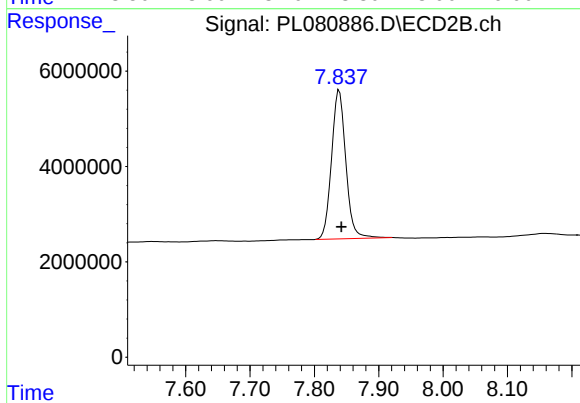
#27 Chlordane-5

R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 296350
Conc: 4.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.011 min
Response: 38754995
Conc: 22.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.839 min
Delta R.T.: -0.003 min
Response: 48095255
Conc: 20.19 ng/ml