

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082846.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 23:14
 Operator : AR\AJ
 Sample : PB152904BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

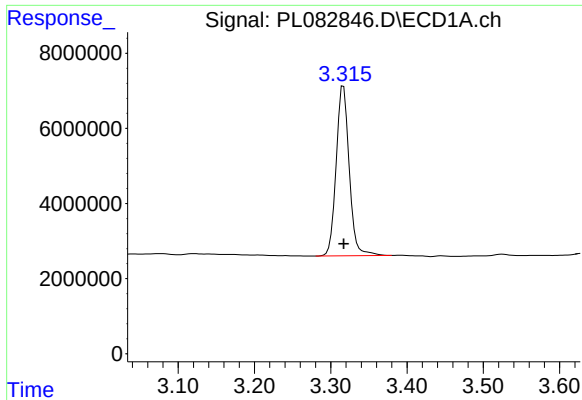
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:07:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.317	2.638	53612729	45982536	18.242	17.712
28)	SA Decachlor...	8.731	7.742	41441206	49703320	19.759	19.989
Target Compounds							
2)	A alpha-BHC	3.766	3.135	189.9E6	156.2E6	42.787	41.869
3)	MA gamma-BHC...	4.094	3.461	177.9E6	148.7E6	42.947	44.620
4)	MA Heptachlor	4.671	3.792	167.3E6	154.6E6	43.767	42.217
5)	MB Aldrin	5.008	4.068	156.0E6	140.3E6	44.334	43.131
6)	B beta-BHC	4.297	3.761	77722821	62264937	41.282	43.539
7)	B delta-BHC	4.538	3.987	169.6E6	144.7E6	49.319	44.149
8)	B Heptachlo...	5.434	4.569	144.0E6	131.1E6	45.028	44.164
9)	A Endosulfan I	5.814	4.936	131.5E6	119.6E6	43.820	42.816
10)	B gamma-Chl...	5.688	4.818	152.9E6	132.8E6	48.138	44.222
11)	B alpha-Chl...	5.766	4.880	143.5E6	132.5E6	44.709	44.127
12)	B 4,4'-DDE	5.945	5.071	123.2E6	115.1E6	44.708	47.381
13)	MA Dieldrin	6.089	5.200	132.7E6	125.8E6	44.118	44.577
14)	MA Endrin	6.315	5.474	117.1E6	114.2E6	43.581	45.024
15)	B Endosulfa...	6.538	5.771	111.1E6	107.0E6	41.261	43.230
16)	A 4,4'-DDD	6.460	5.625	98911348	88966009	45.517	46.259
17)	MA 4,4'-DDT	6.771	5.873	108.2E6	99085862	43.226	44.413
18)	B Endrin al...	6.669	5.950	87101685	87544032	43.320	44.271
19)	B Endosulfa...	6.902	6.173	111.5E6	109.2E6	43.474	44.578
20)	A Methoxychlor	7.252	6.452	57391903	56617812	43.400	44.520
21)	B Endrin ke...	7.382	6.676	112.1E6	120.0E6	43.943	44.371
22)	Mirex	7.845	6.847	84902710	98349339	40.506	42.033
23)	Chlordane-1	0.000	3.638f	0	85342	N.D.	1.034 #
24)	Chlordane-2	5.008f	0.000	156.0E6	0	1415.887	N.D. #
25)	Chlordane-3	5.688	4.818	152.9E6	132.8E6	368.600	498.364 #
26)	Chlordane-4	5.766	4.880	143.5E6	132.5E6	283.354	470.157 #
27)	Chlordane-5	0.000	5.771	0	107.0E6	N.D.	1101.007 #

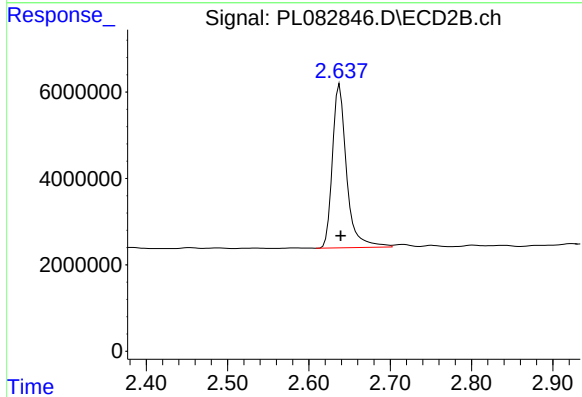
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

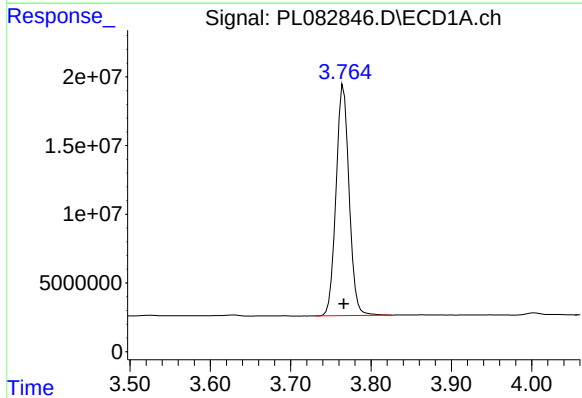
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 53612729
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



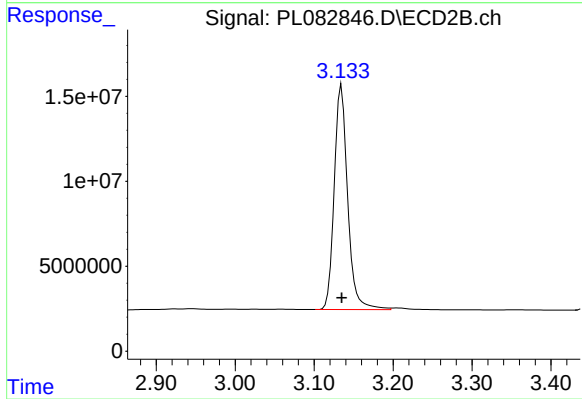
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.000 min
Response: 45982536
Conc: 17.71 ng/ml



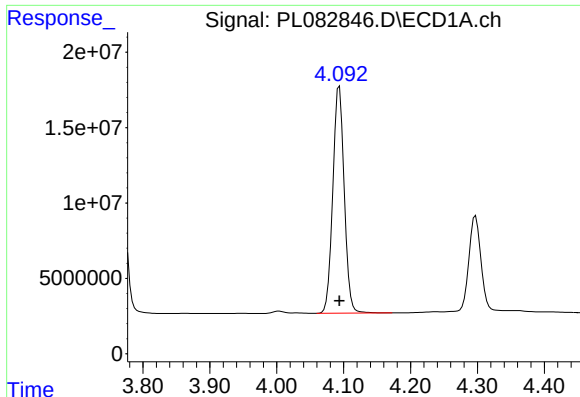
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 189943034
Conc: 42.79 ng/ml



#2 alpha-BHC

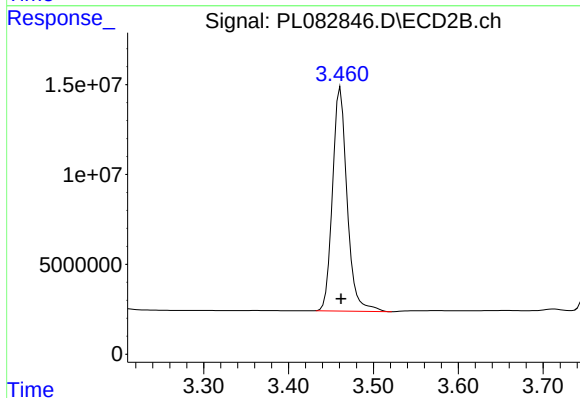
R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 156232425
Conc: 41.87 ng/ml



#3 gamma-BHC (Lindane)

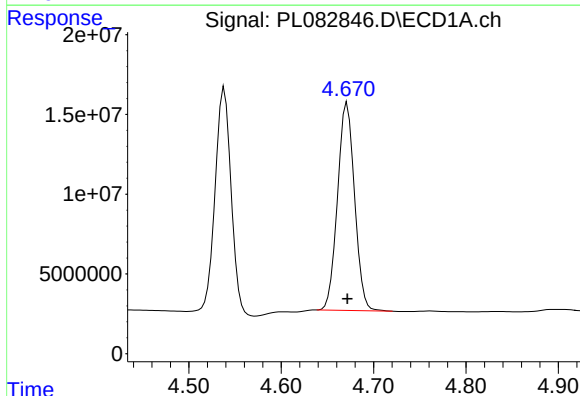
R.T.: 4.094 min
Delta R.T.: 0.000 min
Response: 177925404
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



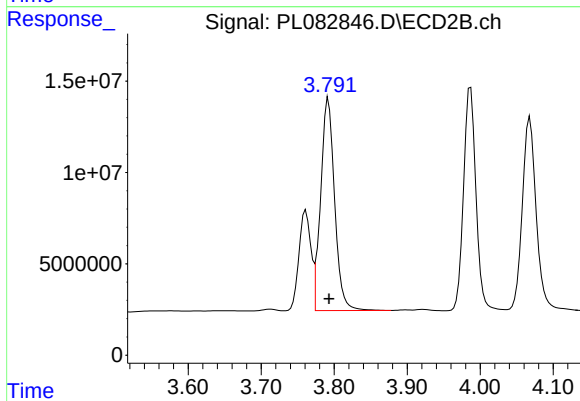
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 148730867
Conc: 44.62 ng/ml



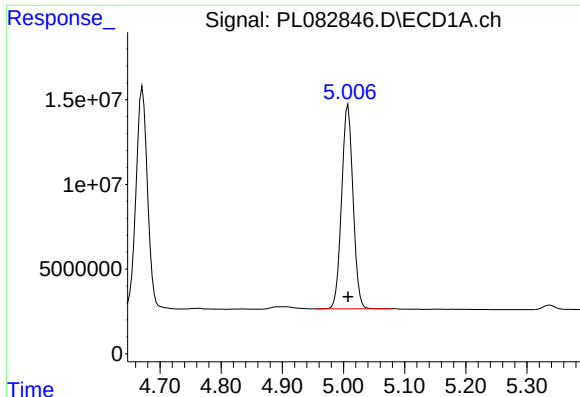
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 167298950
Conc: 43.77 ng/ml



#4 Heptachlor

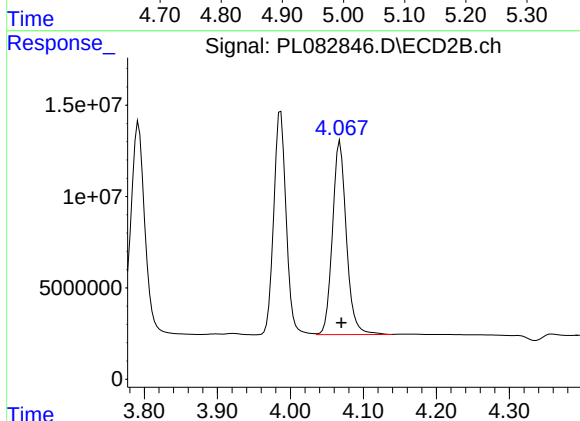
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 154560028
Conc: 42.22 ng/ml



#5 Aldrin

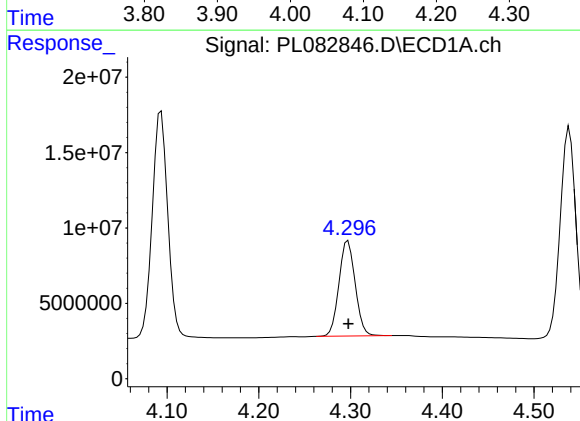
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 155971494
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



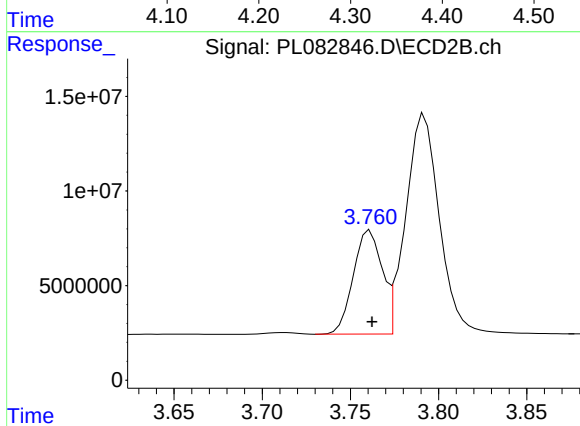
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 140331359
Conc: 43.13 ng/ml



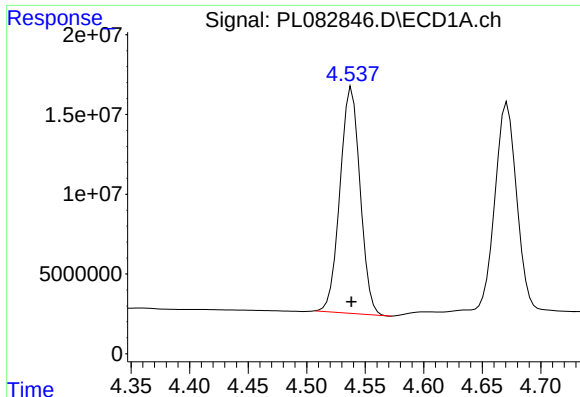
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 77722821
Conc: 41.28 ng/ml



#6 beta-BHC

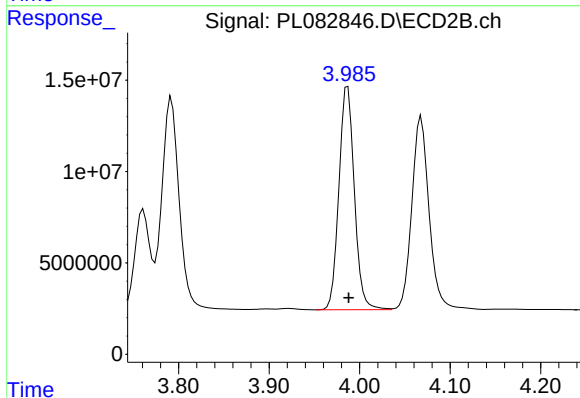
R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 62264937
Conc: 43.54 ng/ml



#7 delta-BHC

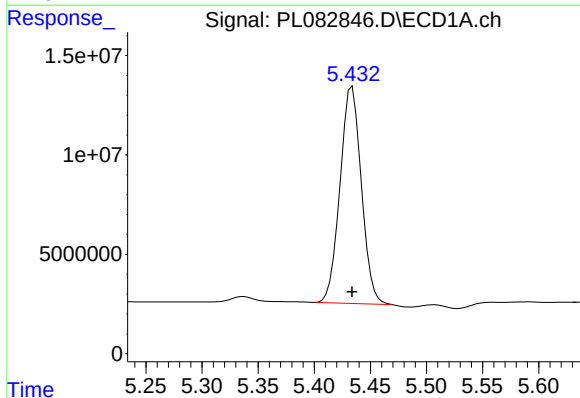
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 169604669
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



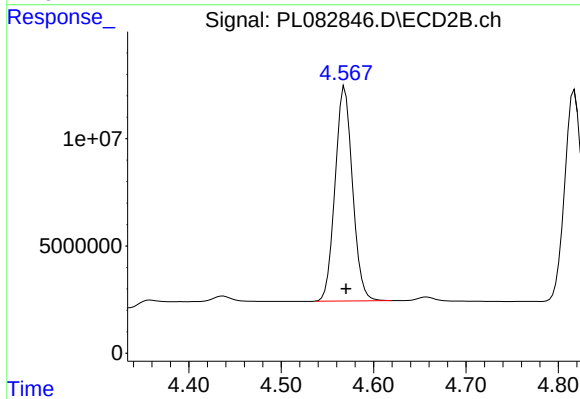
#7 delta-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 144651137
Conc: 44.15 ng/ml



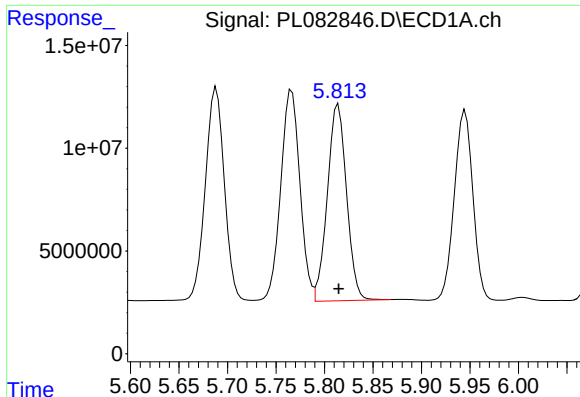
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 144031655
Conc: 45.03 ng/ml



#8 Heptachlor epoxide

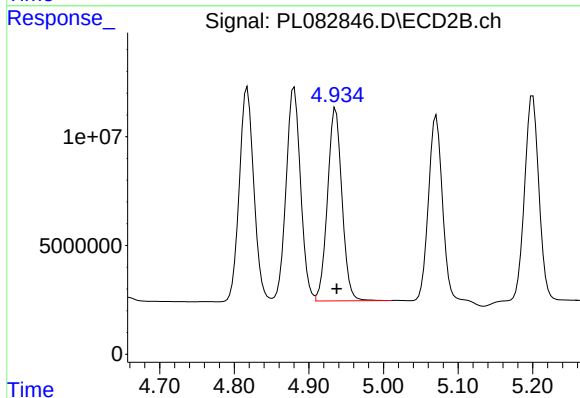
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 131074481
Conc: 44.16 ng/ml



#9 Endosulfan I

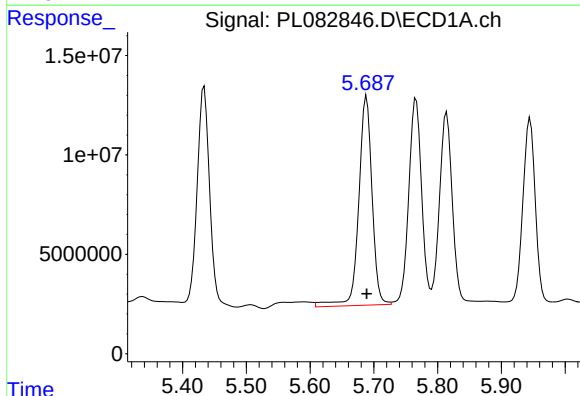
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 131484603
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



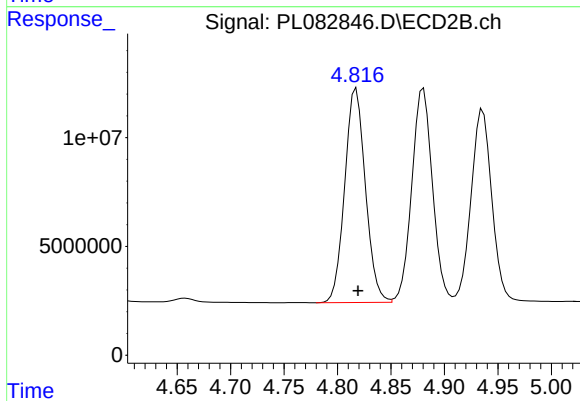
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 119644306
Conc: 42.82 ng/ml



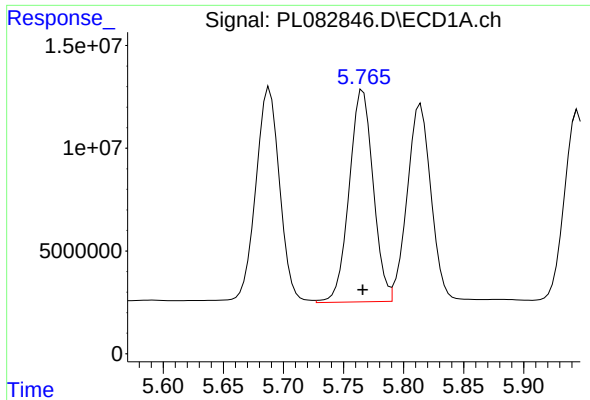
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 152933282
Conc: 48.14 ng/ml



#10 gamma-Chlordane

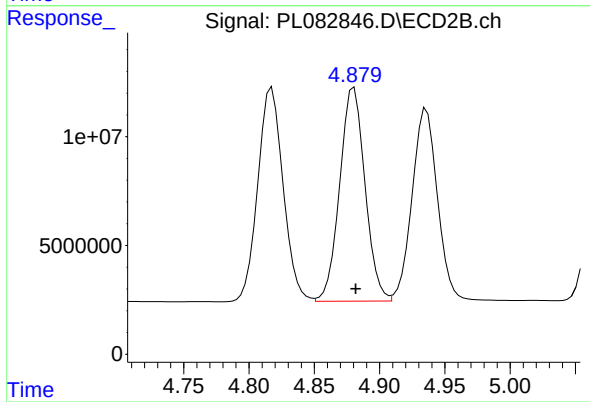
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 132816457
Conc: 44.22 ng/ml



#11 alpha-Chlordane

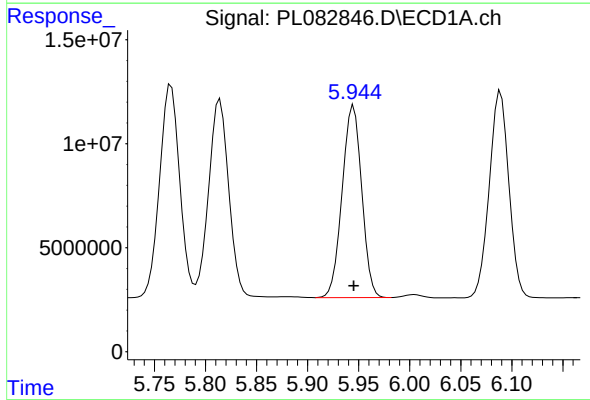
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 143484049
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



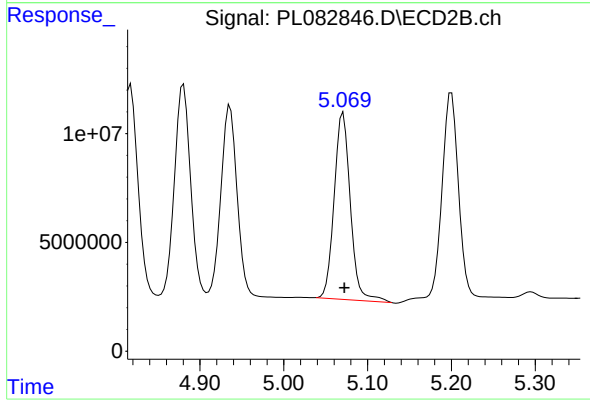
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.001 min
Response: 132467494
Conc: 44.13 ng/ml



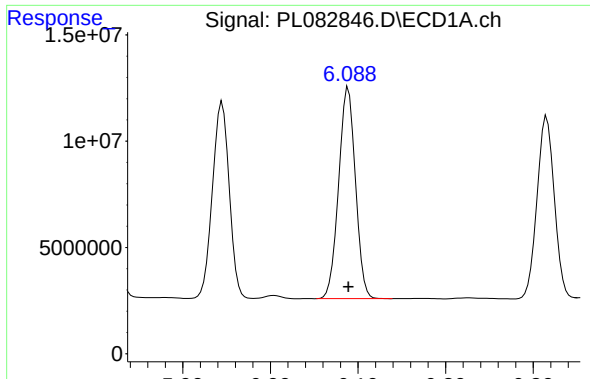
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 123236793
Conc: 44.71 ng/ml



#12 4,4'-DDE

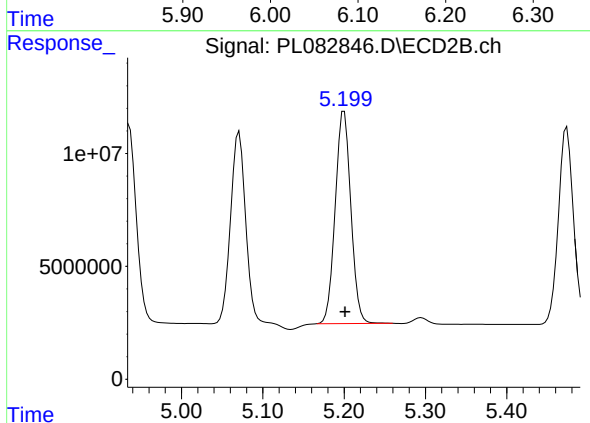
R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 115077140
Conc: 47.38 ng/ml



#13 Dieldrin

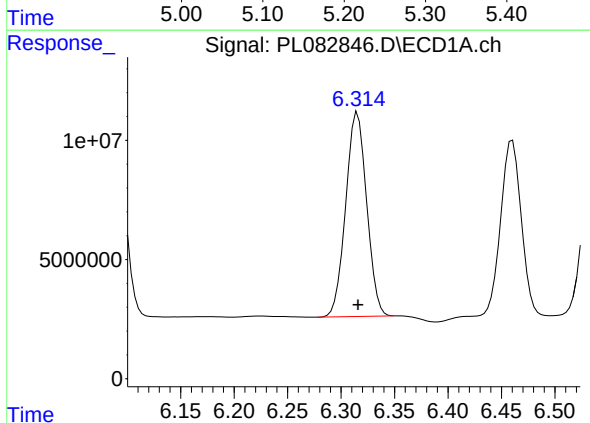
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 132700045
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



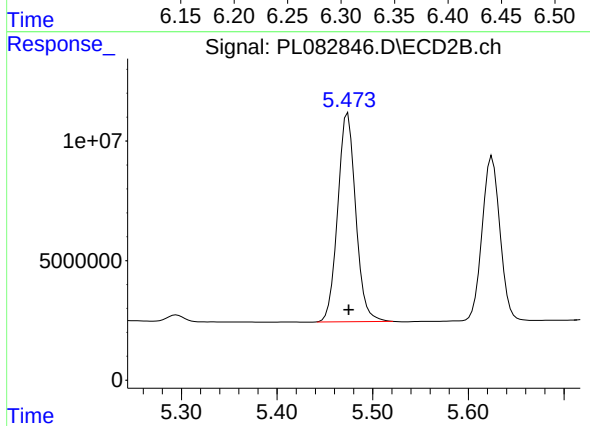
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 125836052
Conc: 44.58 ng/ml



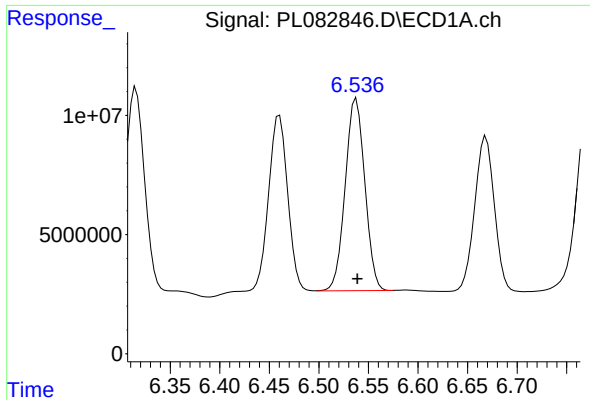
#14 Endrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 117114195
Conc: 43.58 ng/ml



#14 Endrin

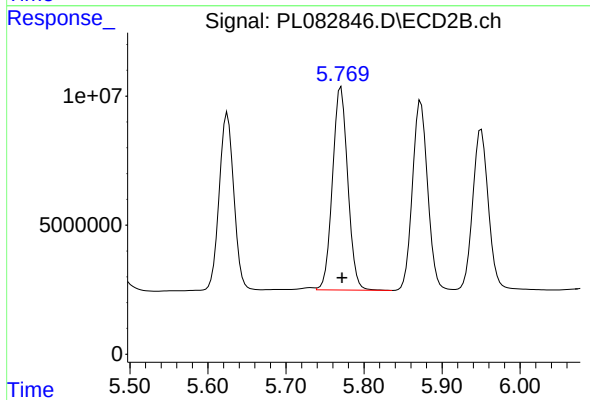
R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 114224228
Conc: 45.02 ng/ml



#15 Endosulfan II

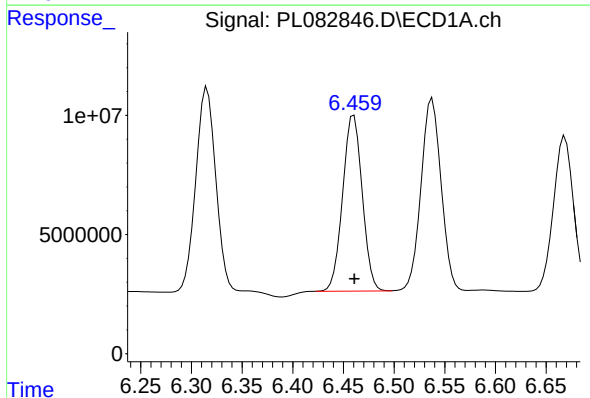
R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 111081170
Conc: 41.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



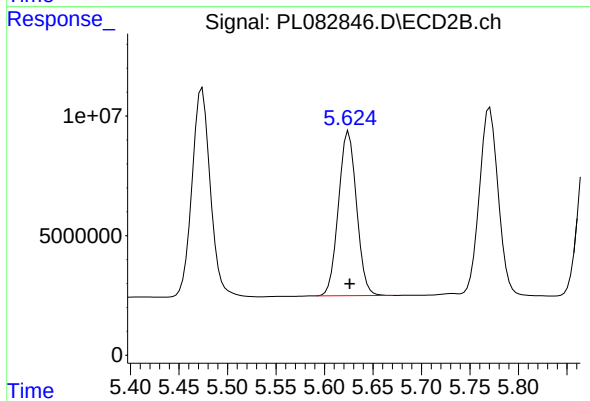
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 106958741
Conc: 43.23 ng/ml



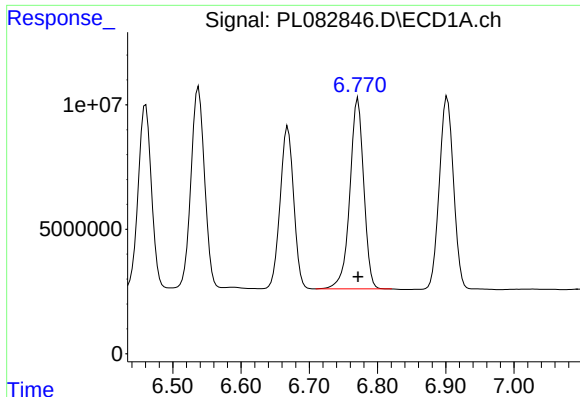
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 98911348
Conc: 45.52 ng/ml



#16 4,4'-DDD

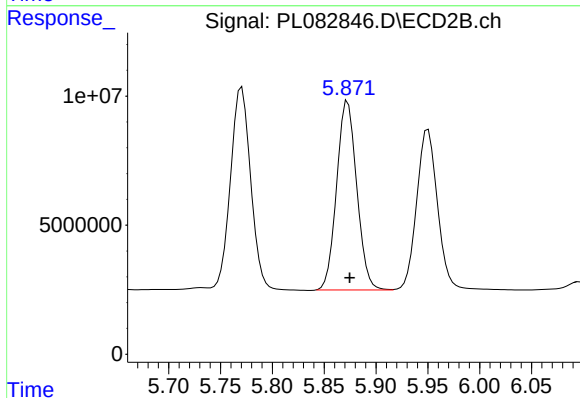
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 88966009
Conc: 46.26 ng/ml



#17 4,4'-DDT

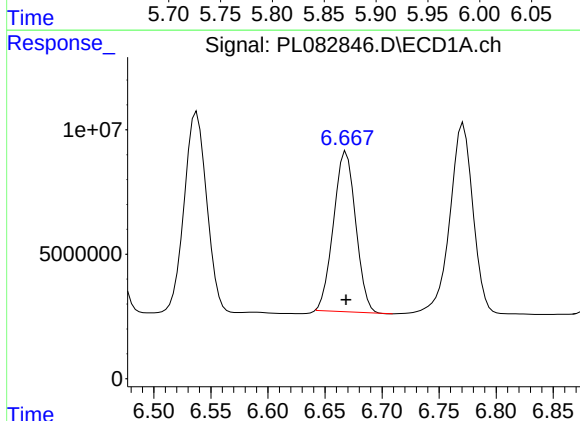
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 108203360
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



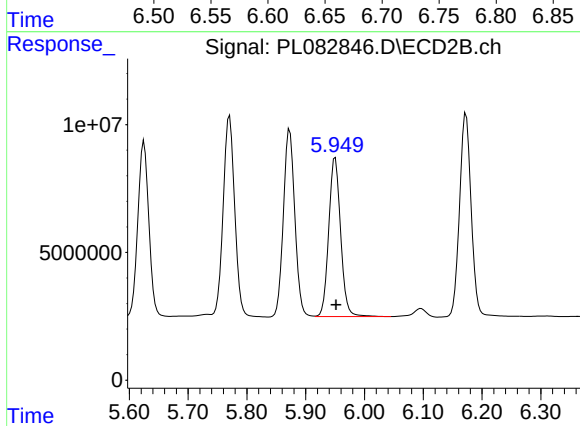
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 99085862
Conc: 44.41 ng/ml



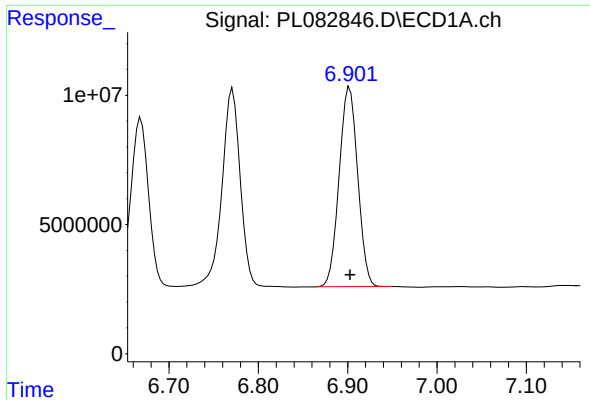
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 87101685
Conc: 43.32 ng/ml



#18 Endrin aldehyde

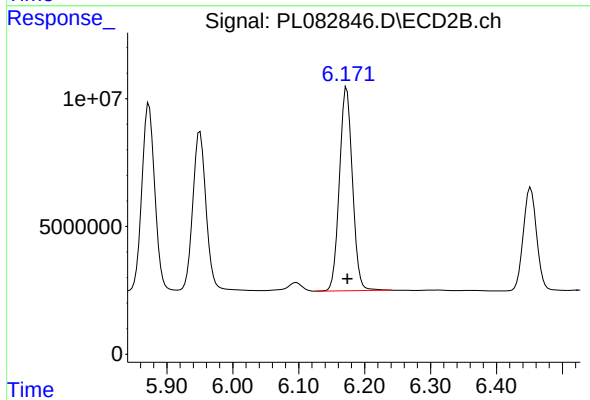
R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 87544032
Conc: 44.27 ng/ml



#19 Endosulfan Sulfate

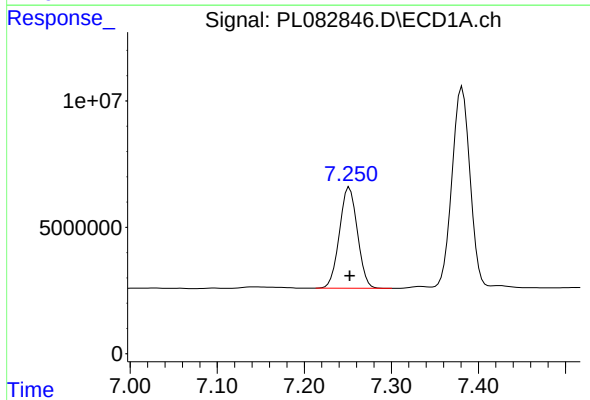
R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 111453850
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



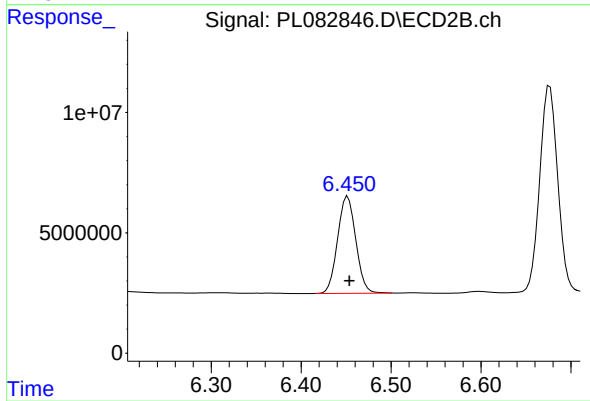
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 109170228
Conc: 44.58 ng/ml



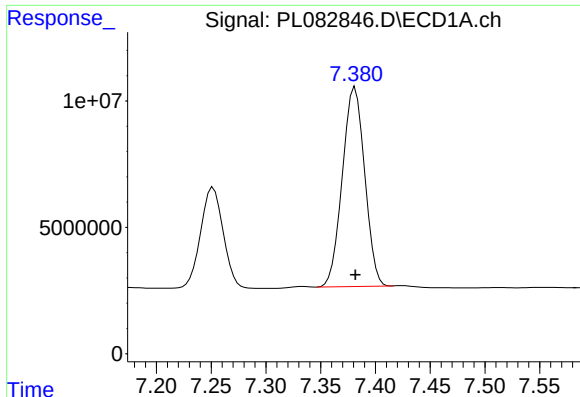
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 57391903
Conc: 43.40 ng/ml



#20 Methoxychlor

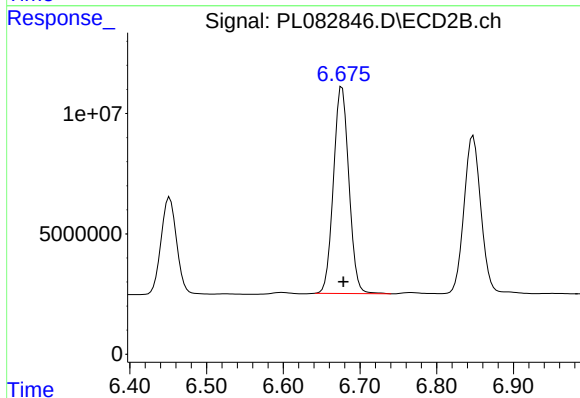
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 56617812
Conc: 44.52 ng/ml



#21 Endrin ketone

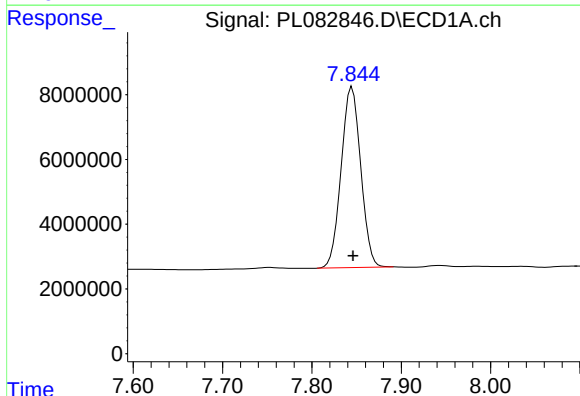
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 112090147
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



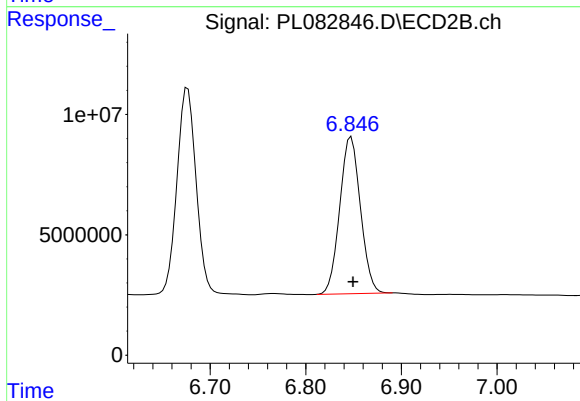
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 119973104
Conc: 44.37 ng/ml



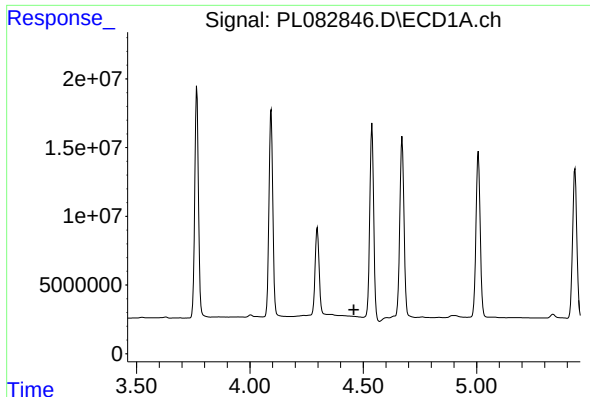
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 84902710
Conc: 40.51 ng/ml



#22 Mirex

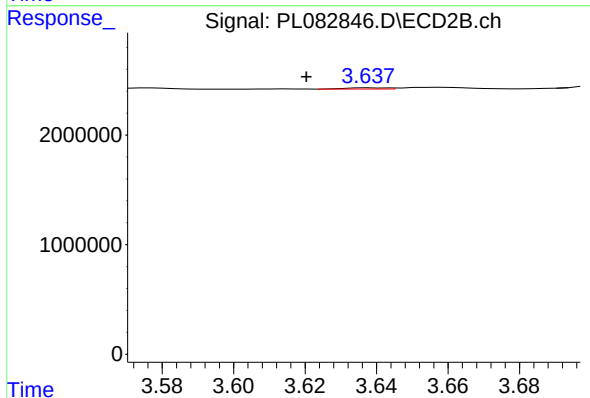
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 98349339
Conc: 42.03 ng/ml



#23 Chlordane-1

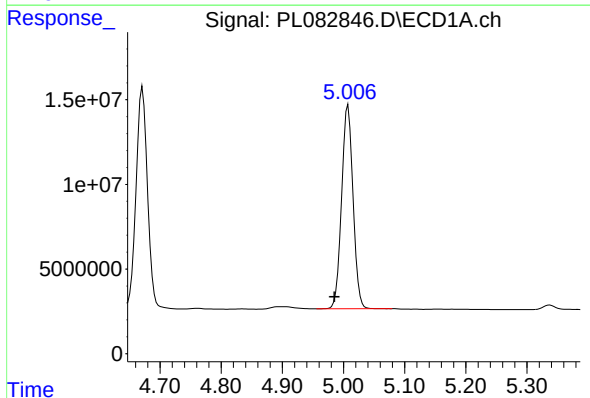
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



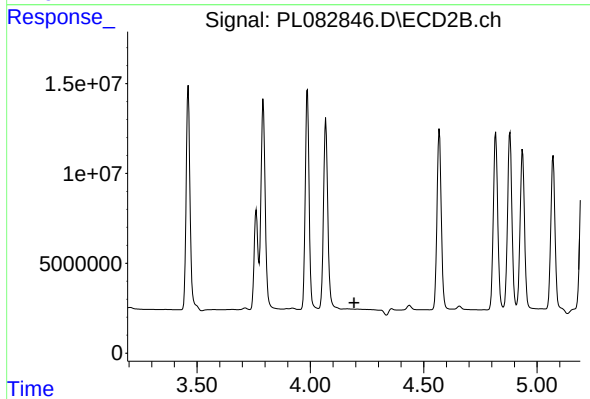
#23 Chlordane-1

R.T.: 3.638 min
Delta R.T.: 0.018 min
Response: 85342
Conc: 1.03 ng/ml



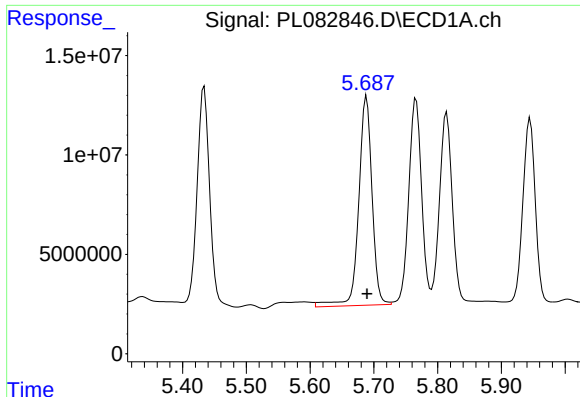
#24 Chlordane-2

R.T.: 5.008 min
Delta R.T.: 0.022 min
Response: 155971494
Conc: 1415.89 ng/ml



#24 Chlordane-2

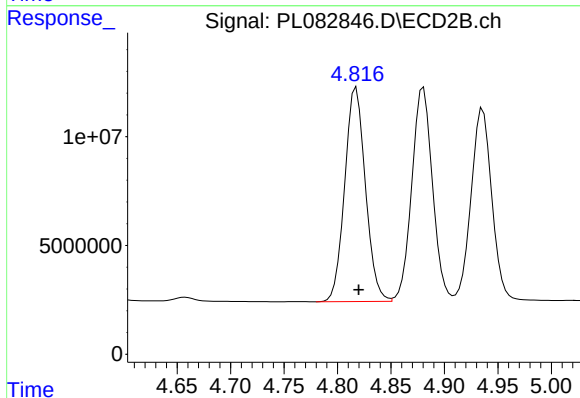
R.T.: 0.000 min
Exp R.T.: 4.193 min
Response: 0
Conc: N.D.



#25 Chlordane-3

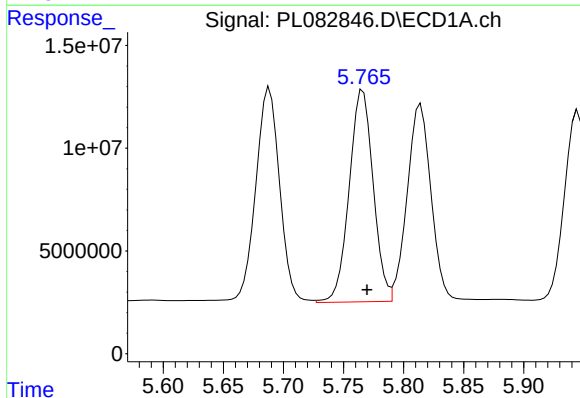
R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 152933282
Conc: 368.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



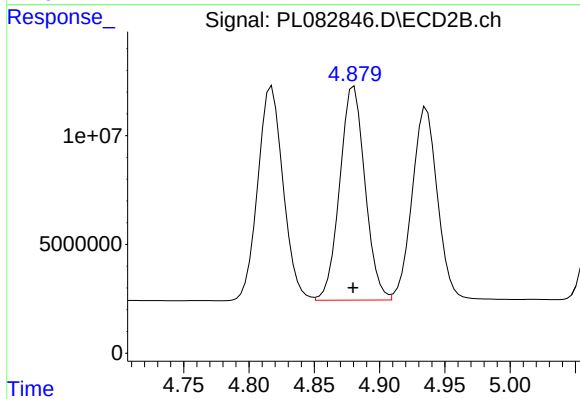
#25 Chlordane-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 132816457
Conc: 498.36 ng/ml



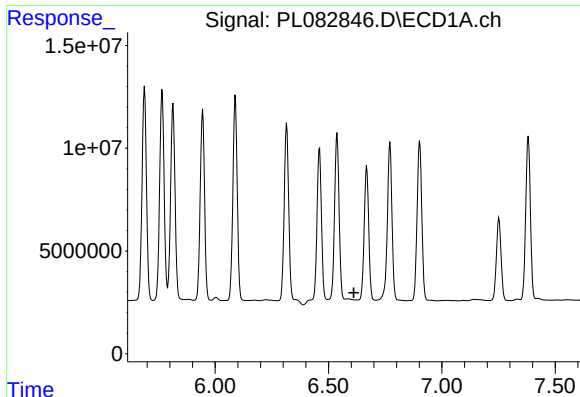
#26 Chlordane-4

R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 143484049
Conc: 283.35 ng/ml



#26 Chlordane-4

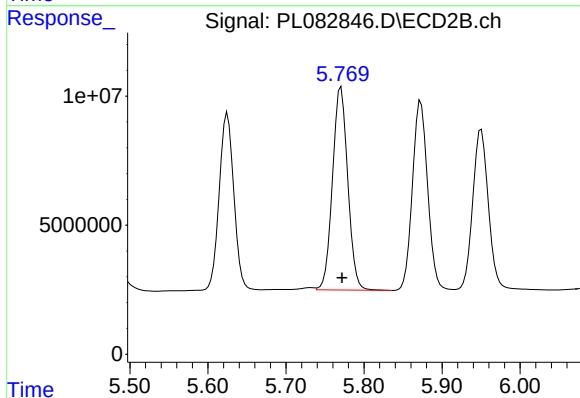
R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 132467494
Conc: 470.16 ng/ml



#27 Chlordane-5

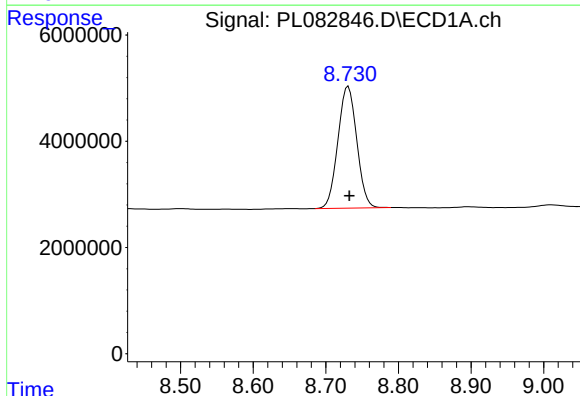
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



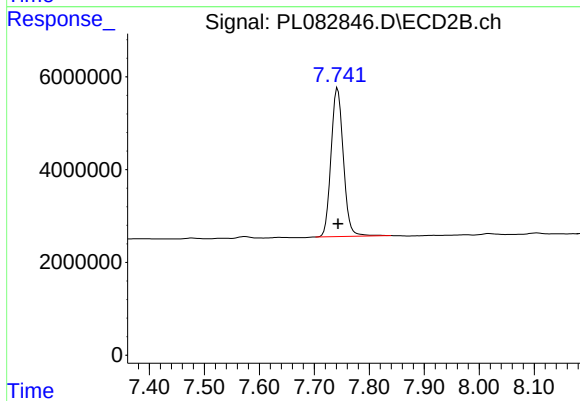
#27 Chlordane-5

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 106958741
Conc: 1101.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 41441206
Conc: 19.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.001 min
Response: 49703320
Conc: 19.99 ng/ml