

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
 Data File : PL083215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2023 14:55
 Operator : AR\AJ
 Sample : 03016-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:10:18 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

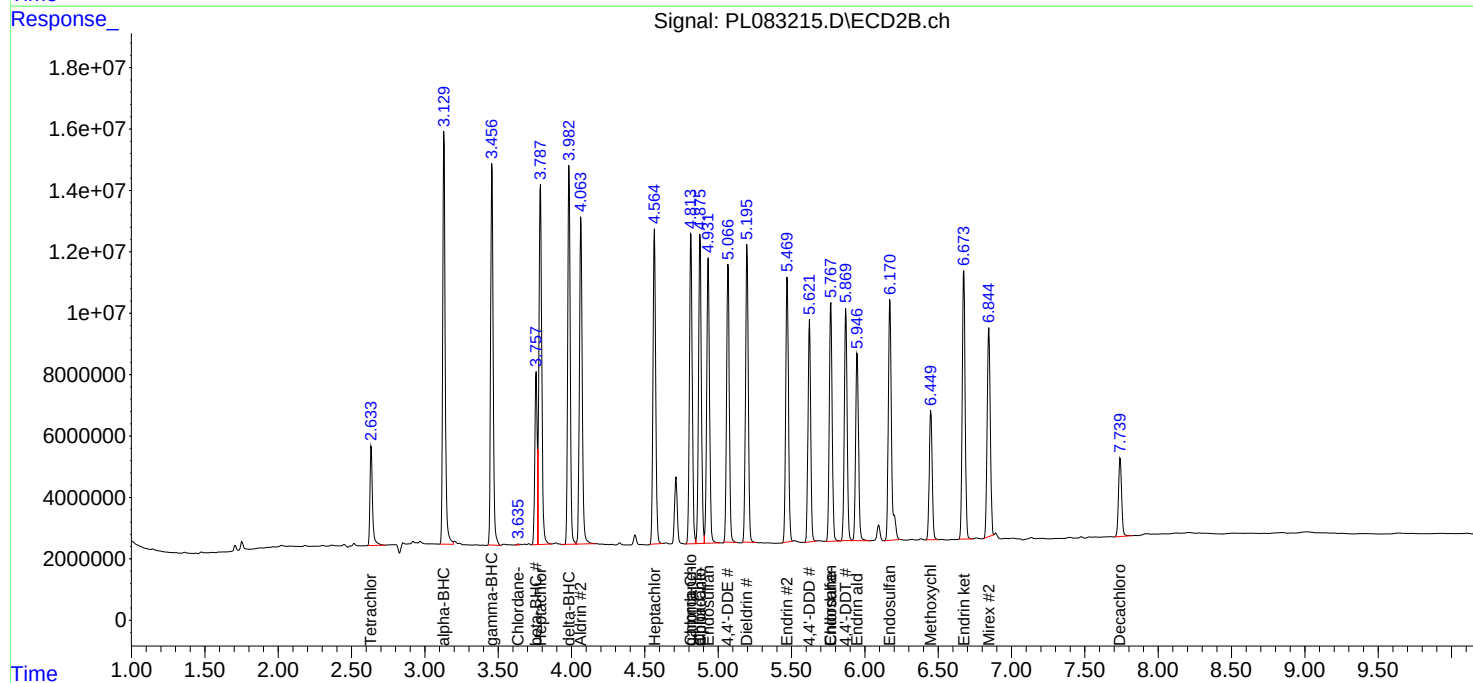
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

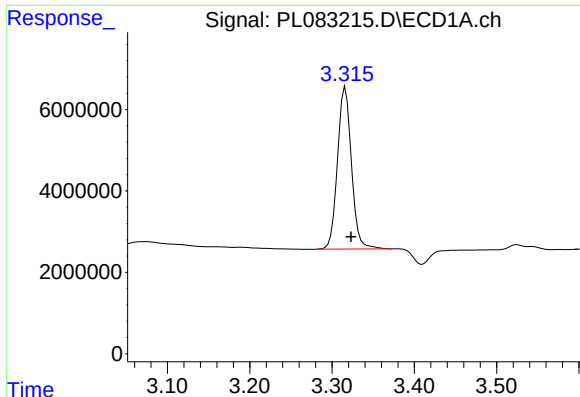
System Monitoring Compounds							
1)	SA Tetrachlo...	3.316	2.634	46943686	39567337	15.973	15.241
28)	SA Decachlor...	8.737	7.741	33161410	38882054	15.811	15.637
Target Compounds							
2)	A alpha-BHC	3.766	3.131	200.8E6	157.9E6	45.228	42.319
3)	MA gamma-BHC...	4.094	3.458	187.2E6	148.2E6	45.195	44.455
4)	MA Heptachlor	4.672	3.788	181.7E6	158.6E6	47.546	43.313
5)	MB Aldrin	5.009	4.064	168.3E6	142.1E6	47.850	43.688
6)	B beta-BHC	4.298	3.759	83339383	62058415	44.265	43.395
7)	B delta-BHC	4.539	3.983	182.4E6	141.6E6	53.038	43.208
8)	B Heptachlo...	5.435	4.566	153.4E6	132.8E6	47.950	44.746
9)	A Endosulfan I	5.816	4.932	141.9E6	123.9E6	47.280	44.356
10)	B gamma-Chl...	5.690	4.815	155.0E6	133.7E6	48.790	44.515
11)	B alpha-Chl...	5.768	4.877	152.6E6	133.5E6	47.539	44.475
12)	B 4,4'-DDE	5.947	5.068	135.7E6	114.6E6	49.238	47.199
13)	MA Dieldrin	6.091	5.197	142.5E6	125.7E6	47.372	44.534
14)	MA Endrin	6.319	5.471	127.1E6	114.0E6	47.289	44.941
15)	B Endosulfa...	6.542	5.768	114.8E6	106.1E6	42.815	42.885
16)	A 4,4'-DDD	6.463	5.623	108.3E6	92085498	49.830	47.881
17)	MA 4,4'-DDT	6.774	5.870	119.1E6	101.6E6	47.580	45.557
18)	B Endrin al...	6.671	5.948	94116421	85149051	46.809	43.060
19)	B Endosulfa...	6.906	6.171	120.8E6	119.2E6	47.120	48.681
20)	A Methoxychlor	7.255	6.450	62406413	57480872	47.192	45.198
21)	B Endrin ke...	7.386	6.675	122.1E6	119.6E6	47.875	44.216
22)	Mirex	7.849	6.846	97985543	102.0E6	46.748	43.612
23)	Chlordane-1	0.000	3.636f	0	314487	N.D.	3.811 #
24)	Chlordane-2	5.009f	4.209f	168.3E6	-5444	1528.183	N.D. #
25)	Chlordane-3	5.690	4.815	155.0E6	133.7E6	373.595	501.669 #
26)	Chlordane-4	5.768	4.877	152.6E6	133.5E6	301.295	473.864 #
27)	Chlordane-5	0.000	5.768	0	106.1E6	N.D.	1092.223 #

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

Instrument :
ECD_L
ClientSampleId :

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

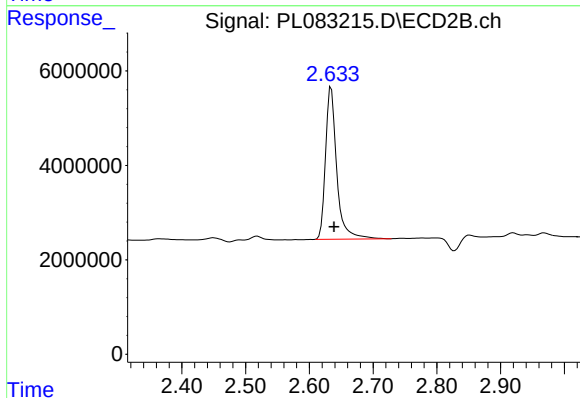




#1 Tetrachloro-m-xylene

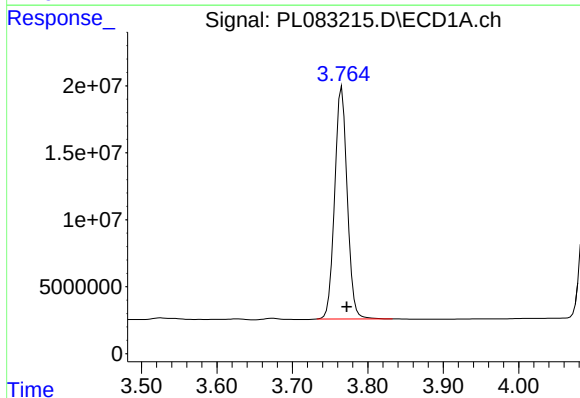
R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 46943686
Conc: 15.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



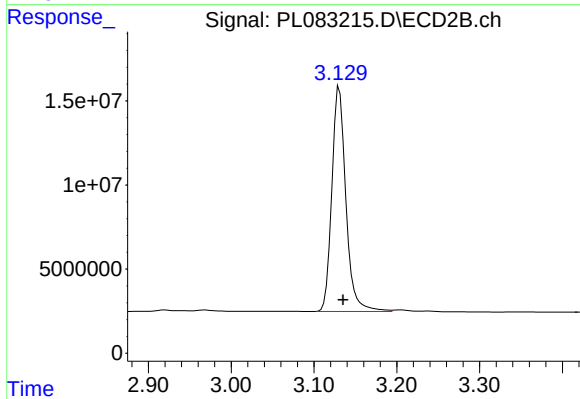
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 39567337
Conc: 15.24 ng/ml



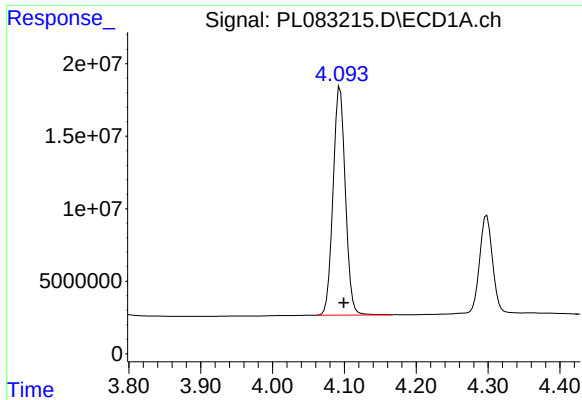
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 200778840
Conc: 45.23 ng/ml



#2 alpha-BHC

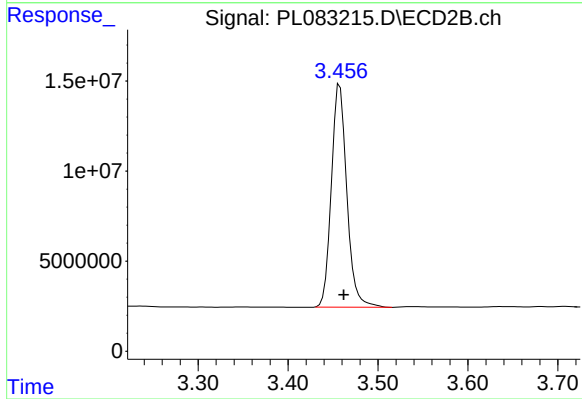
R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 157912529
Conc: 42.32 ng/ml



#3 gamma-BHC (Lindane)

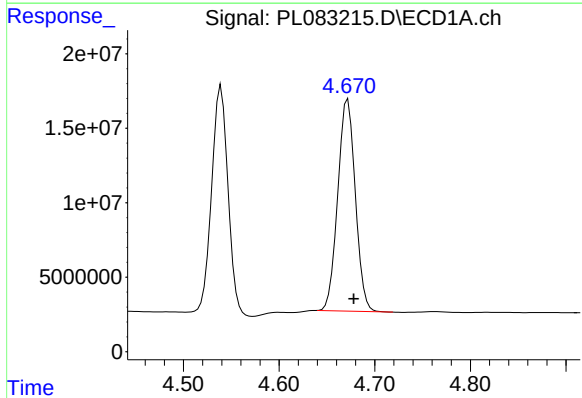
R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 187239317
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



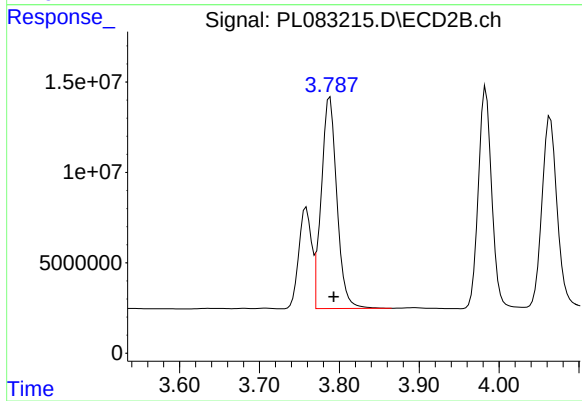
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 148180573
Conc: 44.45 ng/ml



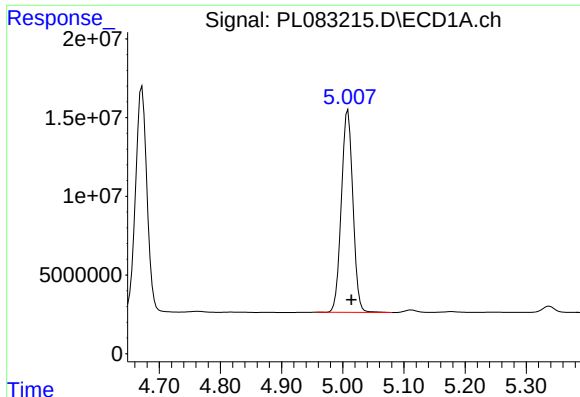
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 181742905
Conc: 47.55 ng/ml



#4 Heptachlor

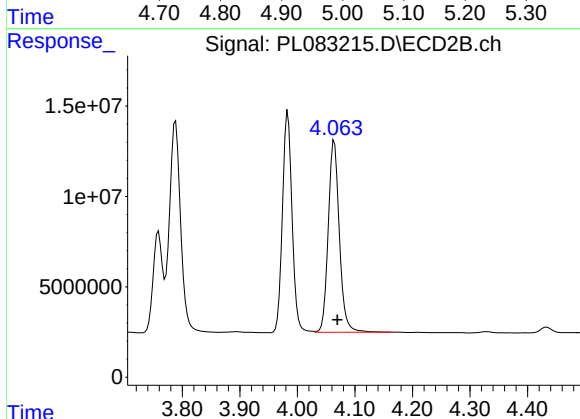
R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 158572528
Conc: 43.31 ng/ml



#5 Aldrin

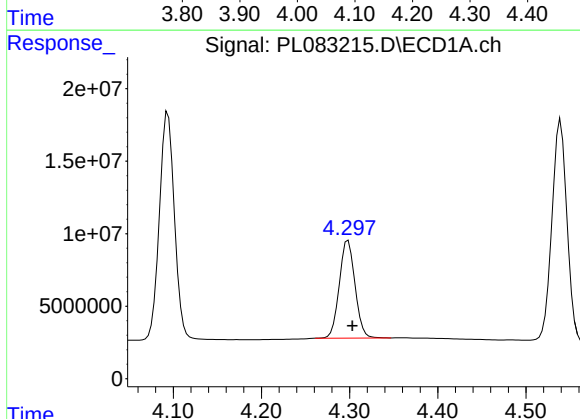
R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 168341794
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



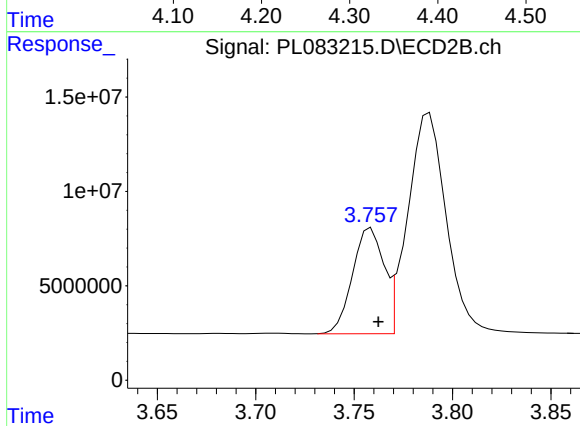
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 142144340
Conc: 43.69 ng/ml



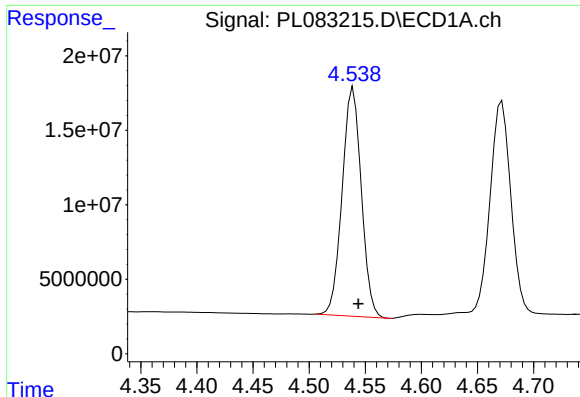
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 83339383
Conc: 44.27 ng/ml



#6 beta-BHC

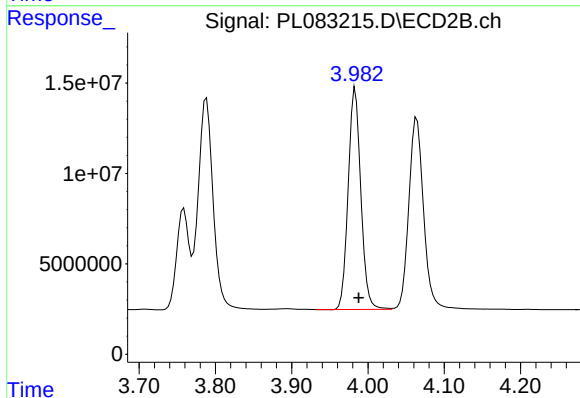
R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 62058415
Conc: 43.39 ng/ml



#7 delta-BHC

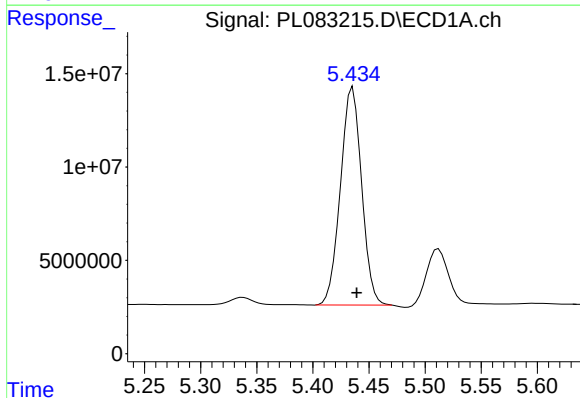
R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 182392882
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



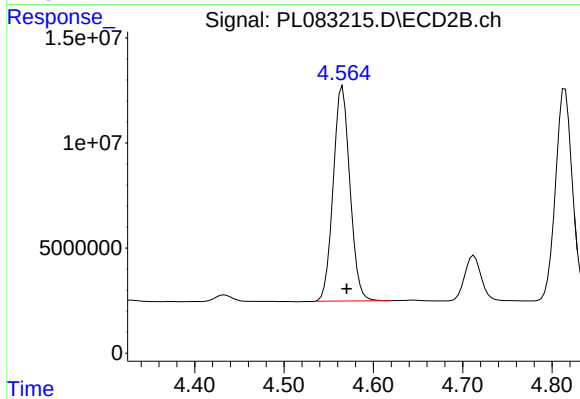
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 141570293
Conc: 43.21 ng/ml



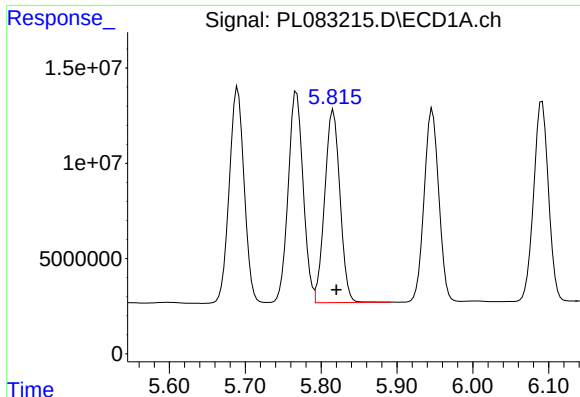
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 153378373
Conc: 47.95 ng/ml



#8 Heptachlor epoxide

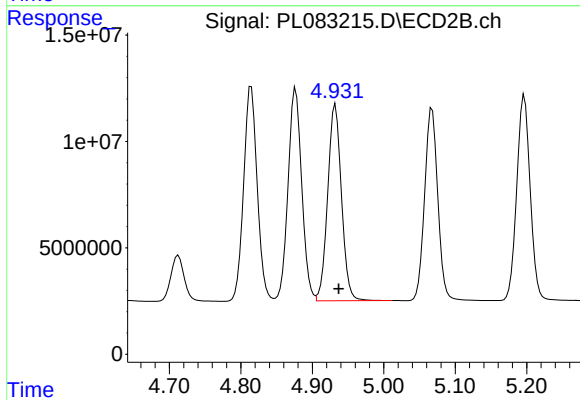
R.T.: 4.566 min
Delta R.T.: -0.005 min
Response: 132800418
Conc: 44.75 ng/ml



#9 Endosulfan I

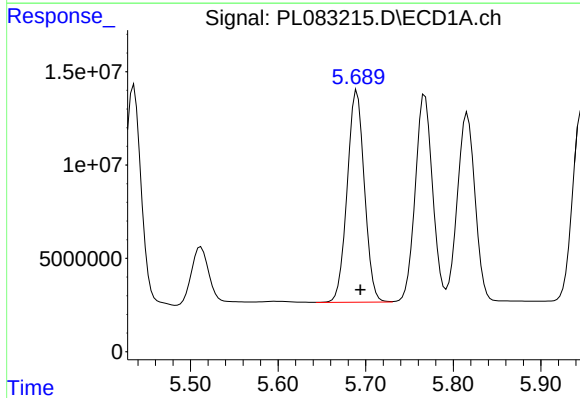
R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 141866566
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



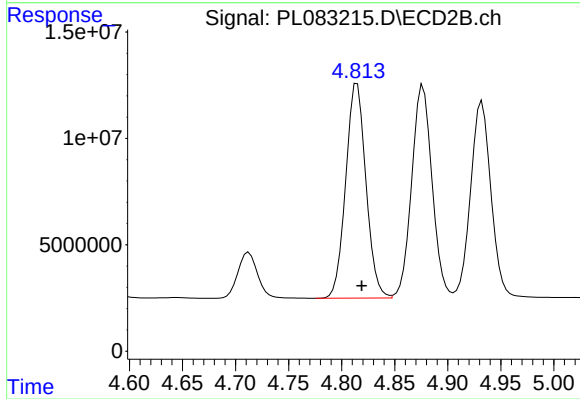
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 123945986
Conc: 44.36 ng/ml



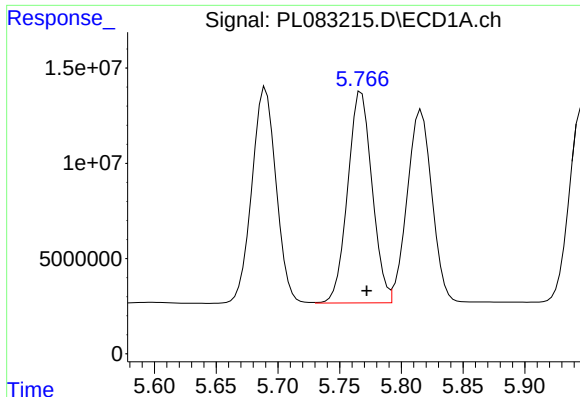
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 155005554
Conc: 48.79 ng/ml



#10 gamma-Chlordane

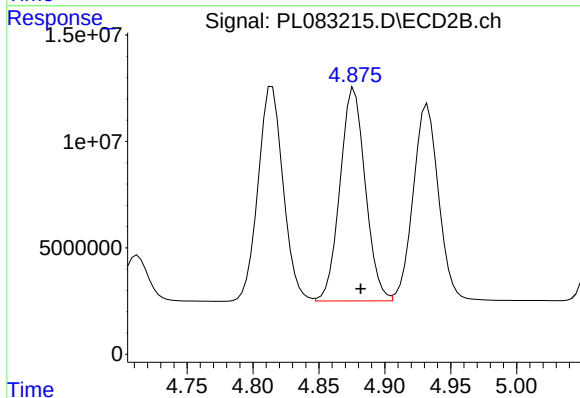
R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 133697067
Conc: 44.52 ng/ml



#11 alpha-Chlordane

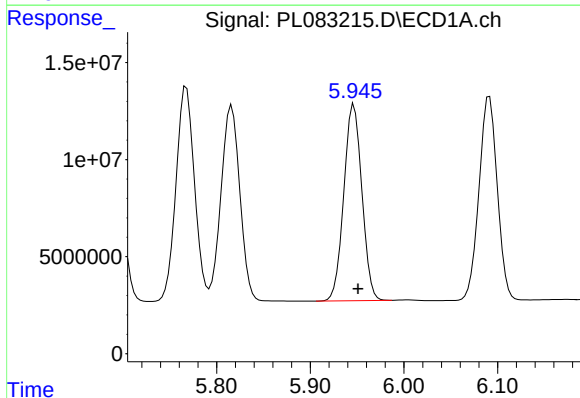
R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 152568691
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



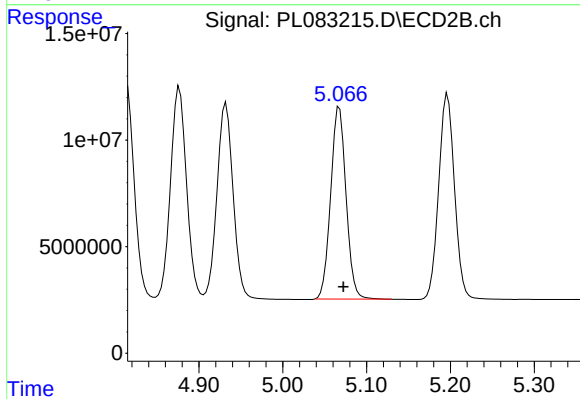
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 133511691
Conc: 44.47 ng/ml



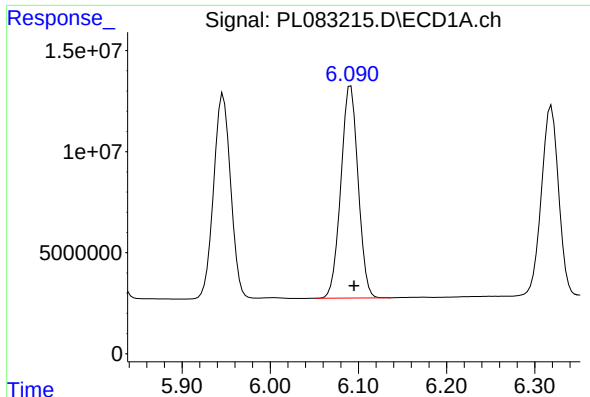
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 135724554
Conc: 49.24 ng/ml



#12 4,4'-DDE

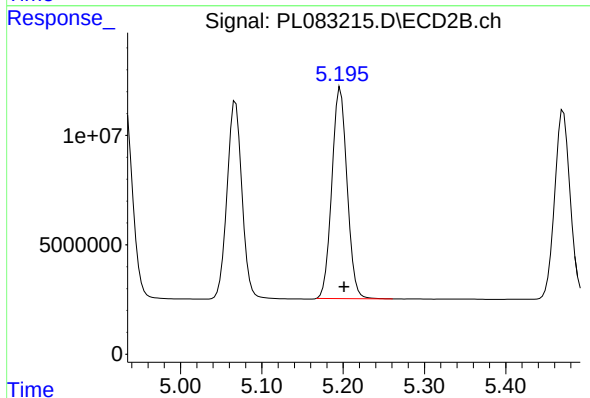
R.T.: 5.068 min
Delta R.T.: -0.005 min
Response: 114634387
Conc: 47.20 ng/ml



#13 Dieldrin

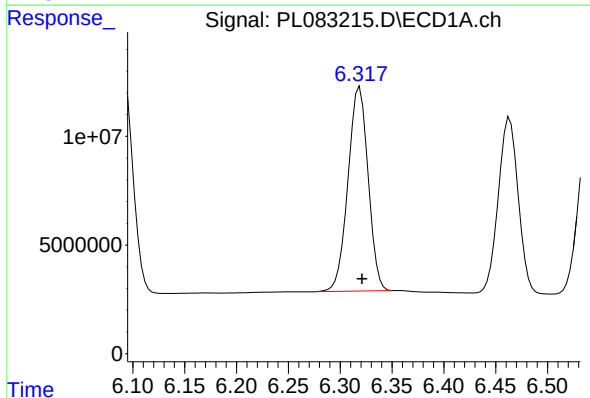
R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 142487066
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



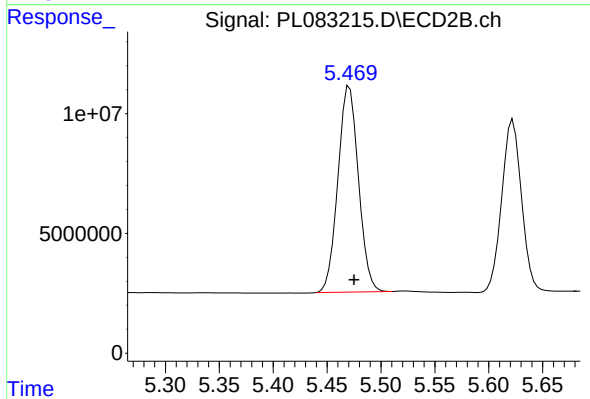
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 125714832
Conc: 44.53 ng/ml



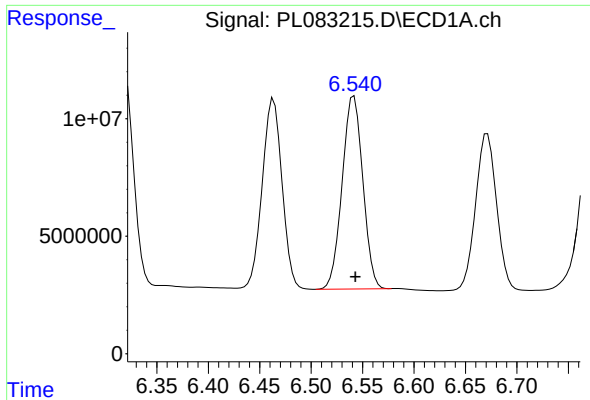
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 127077753
Conc: 47.29 ng/ml



#14 Endrin

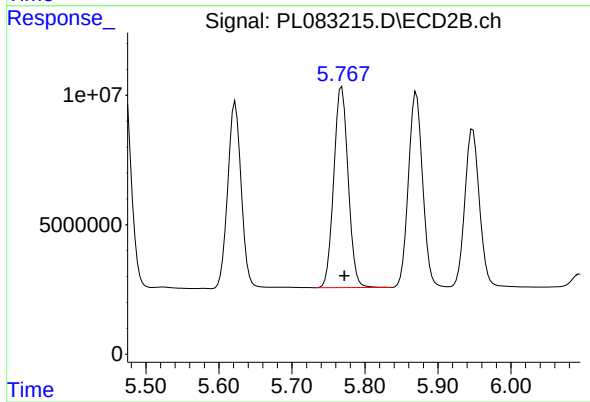
R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 114012100
Conc: 44.94 ng/ml



#15 Endosulfan II

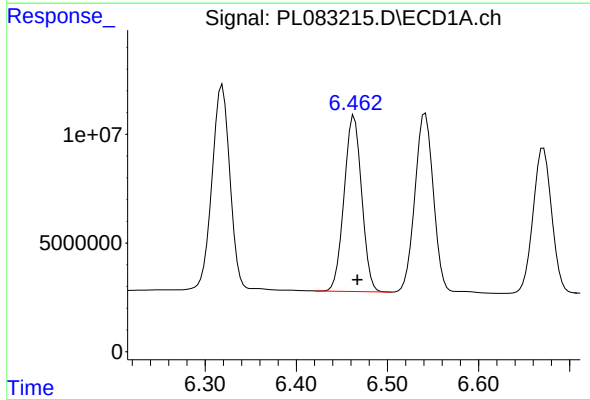
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 114840830
Conc: 42.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



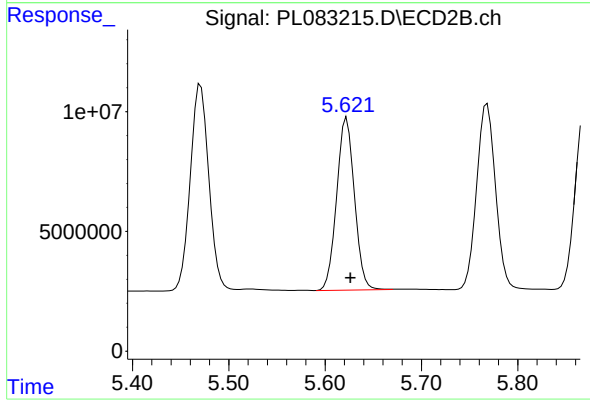
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 106105402
Conc: 42.88 ng/ml



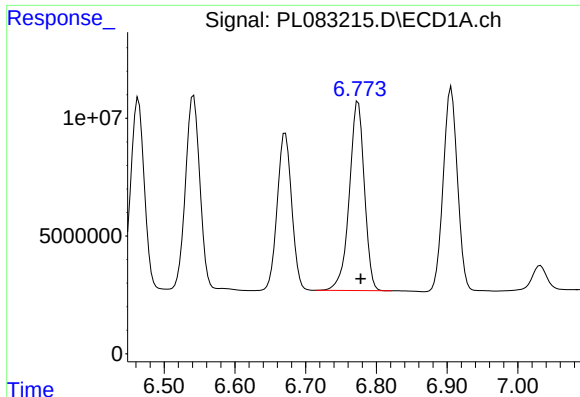
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 108284217
Conc: 49.83 ng/ml



#16 4,4'-DDD

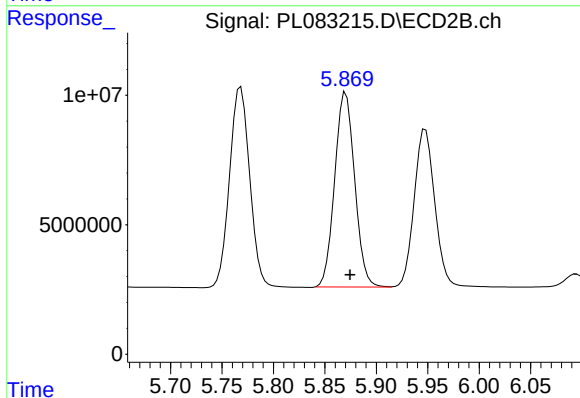
R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 92085498
Conc: 47.88 ng/ml



#17 4,4'-DDT

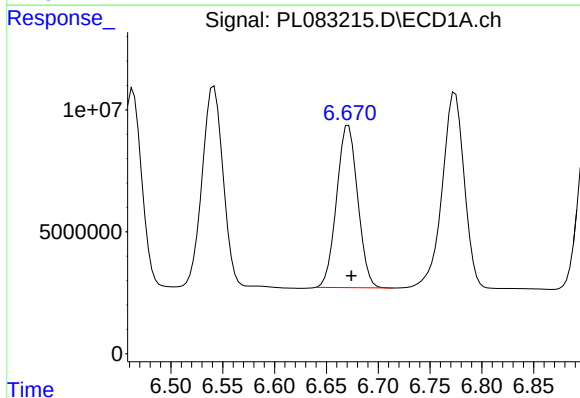
R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 119100963
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



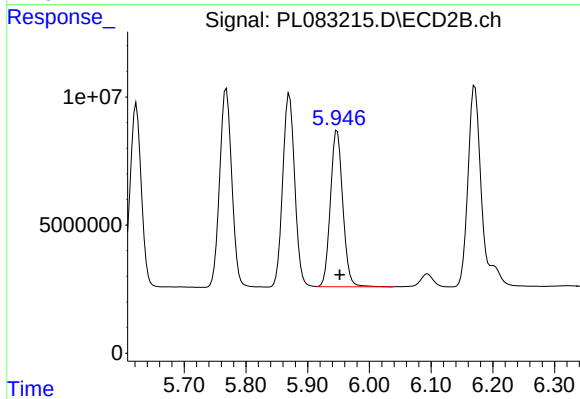
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 101639242
Conc: 45.56 ng/ml



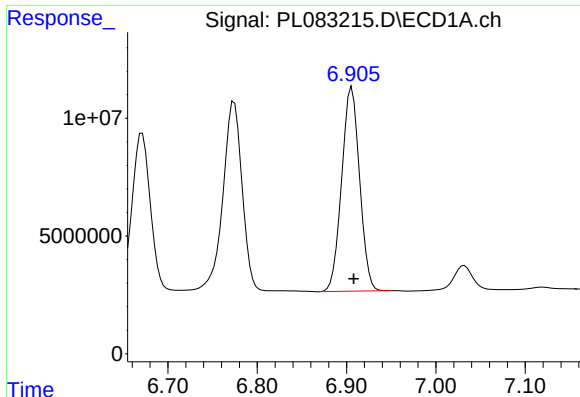
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 94116421
Conc: 46.81 ng/ml



#18 Endrin aldehyde

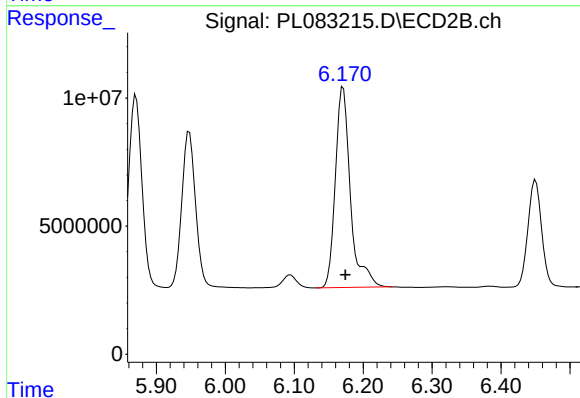
R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 85149051
Conc: 43.06 ng/ml



#19 Endosulfan Sulfate

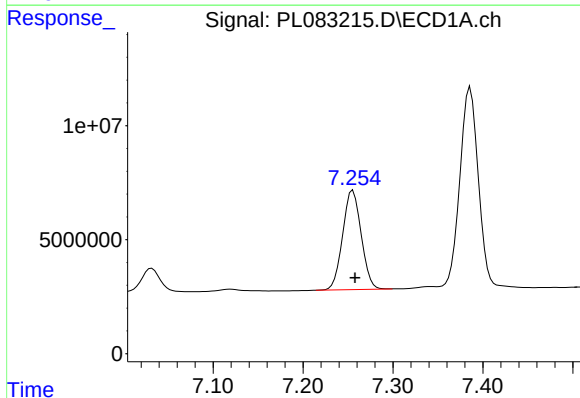
R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 120801991
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



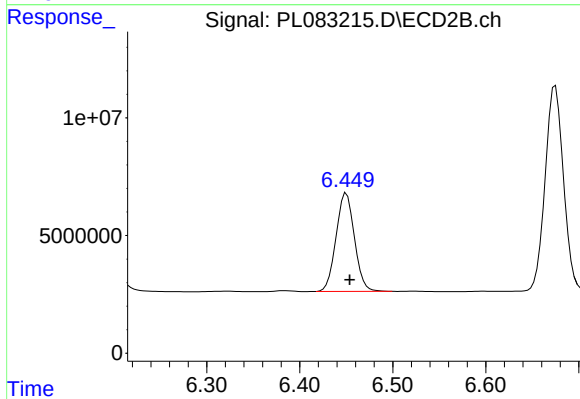
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 119218269
Conc: 48.68 ng/ml



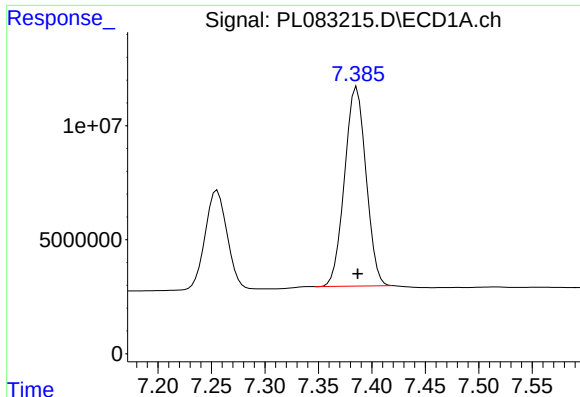
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 62406413
Conc: 47.19 ng/ml



#20 Methoxychlor

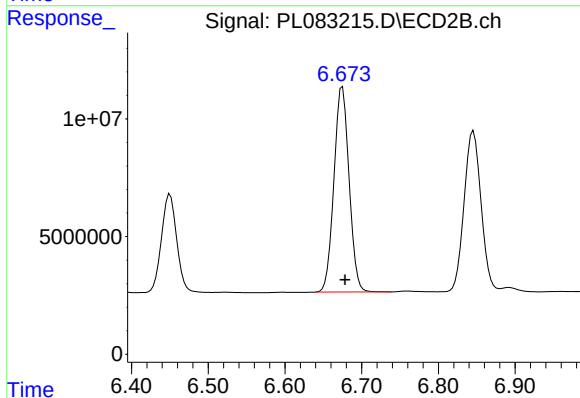
R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 57480872
Conc: 45.20 ng/ml



#21 Endrin ketone

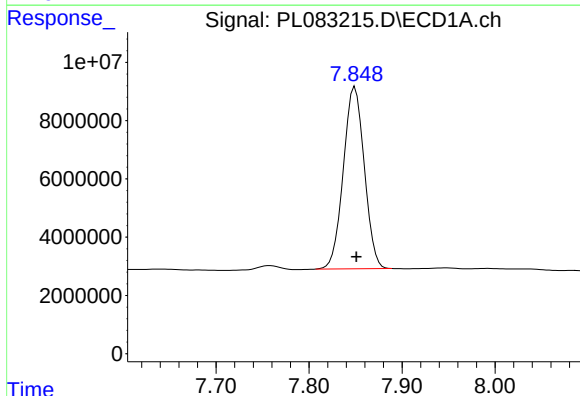
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 122118265
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



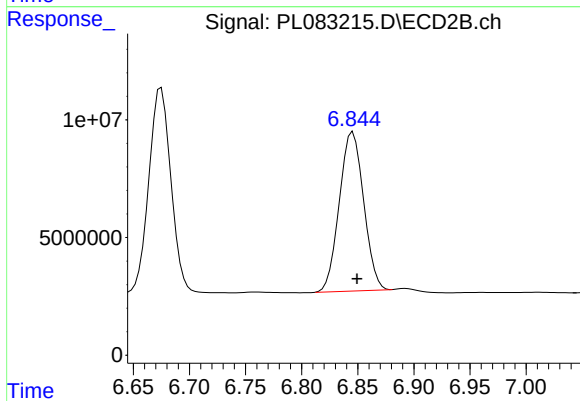
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 119553810
Conc: 44.22 ng/ml



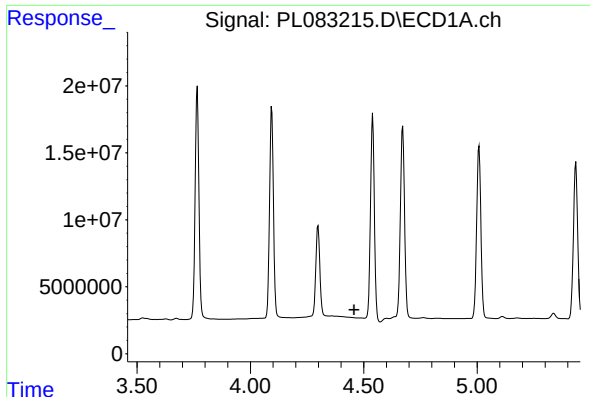
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 97985543
Conc: 46.75 ng/ml



#22 Mirex

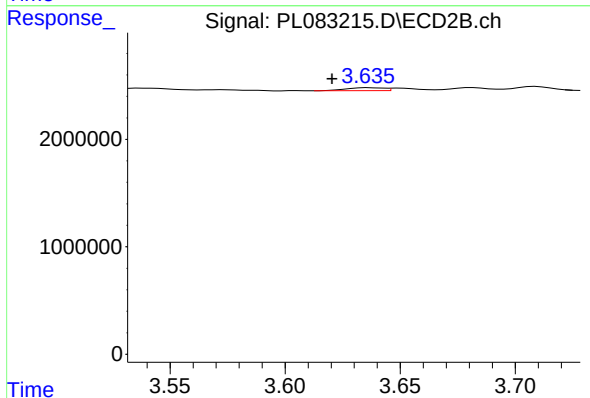
R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 102044419
Conc: 43.61 ng/ml



#23 Chlordane-1

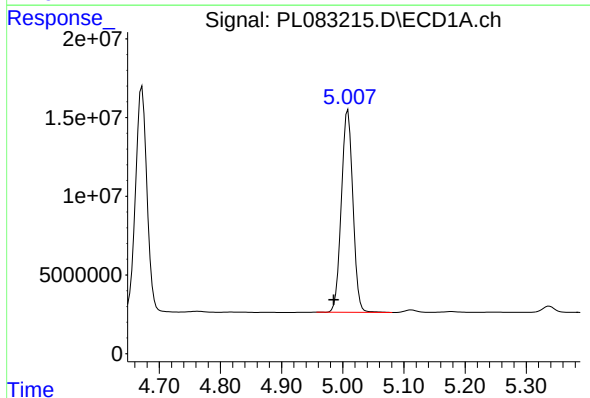
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



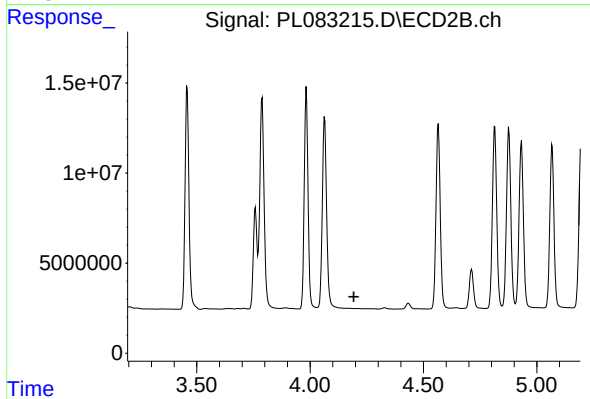
#23 Chlordane-1

R.T.: 3.636 min
Delta R.T.: 0.016 min
Response: 314487
Conc: 3.81 ng/ml



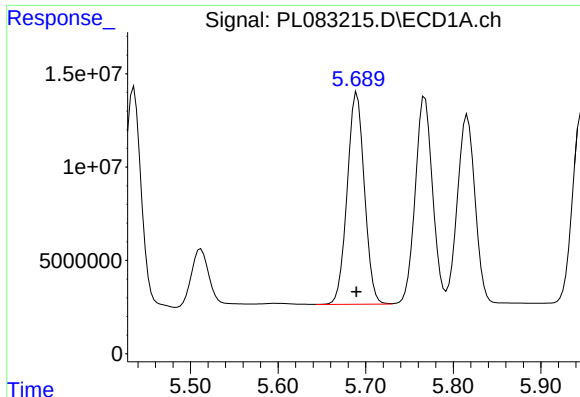
#24 Chlordane-2

R.T.: 5.009 min
Delta R.T.: 0.023 min
Response: 168341794
Conc: 1528.18 ng/ml



#24 Chlordane-2

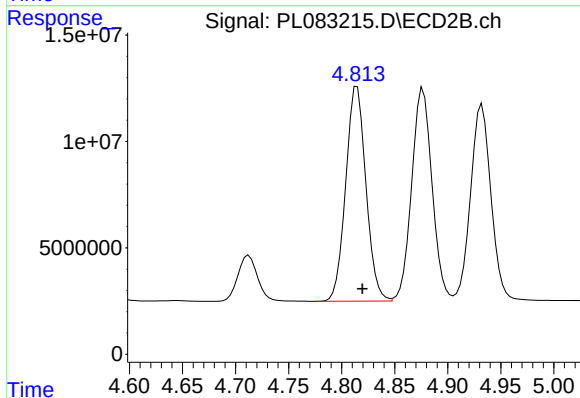
R.T.: 4.209 min
Delta R.T.: 0.016 min
Response: -5444
Conc: N.D.



#25 Chlordane-3

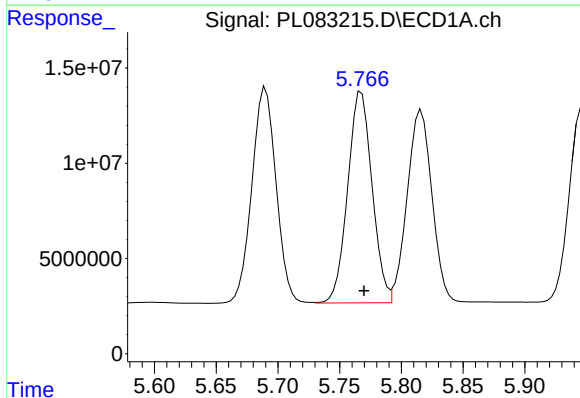
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 155005554
Conc: 373.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



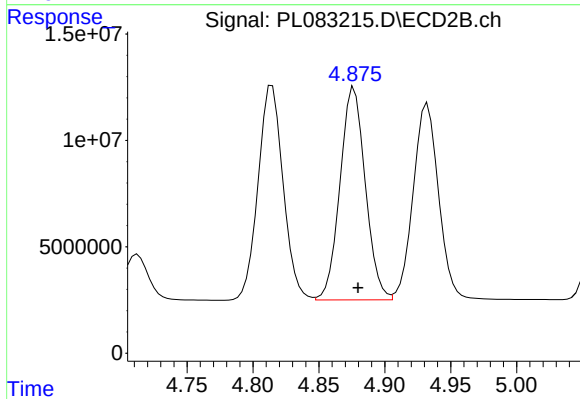
#25 Chlordane-3

R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 133697067
Conc: 501.67 ng/ml



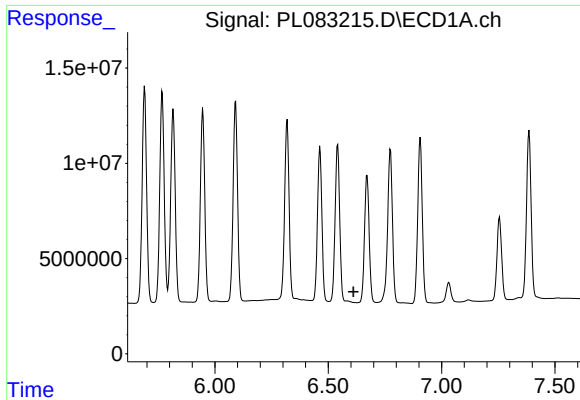
#26 Chlordane-4

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 152568691
Conc: 301.29 ng/ml



#26 Chlordane-4

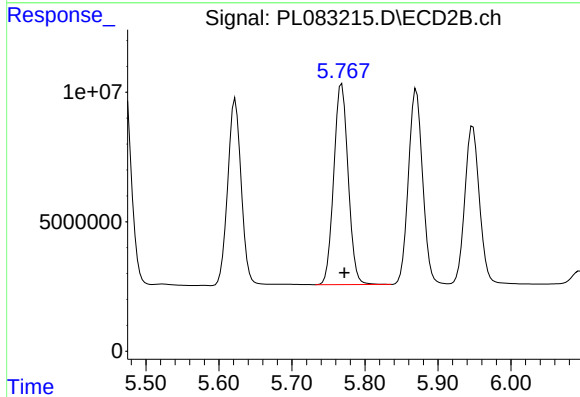
R.T.: 4.877 min
Delta R.T.: -0.003 min
Response: 133511691
Conc: 473.86 ng/ml



#27 Chlordane-5

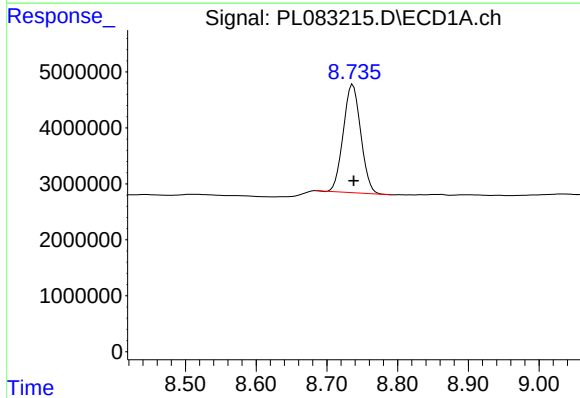
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



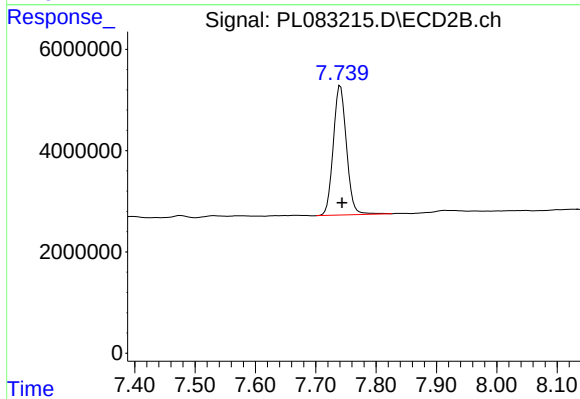
#27 Chlordane-5

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 106105402
Conc: 1092.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 33161410
Conc: 15.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 38882054
Conc: 15.64 ng/ml