

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060823\
 Data File : PL083331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 17:44
 Operator : AR\AJ
 Sample : 03069-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:42:00 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

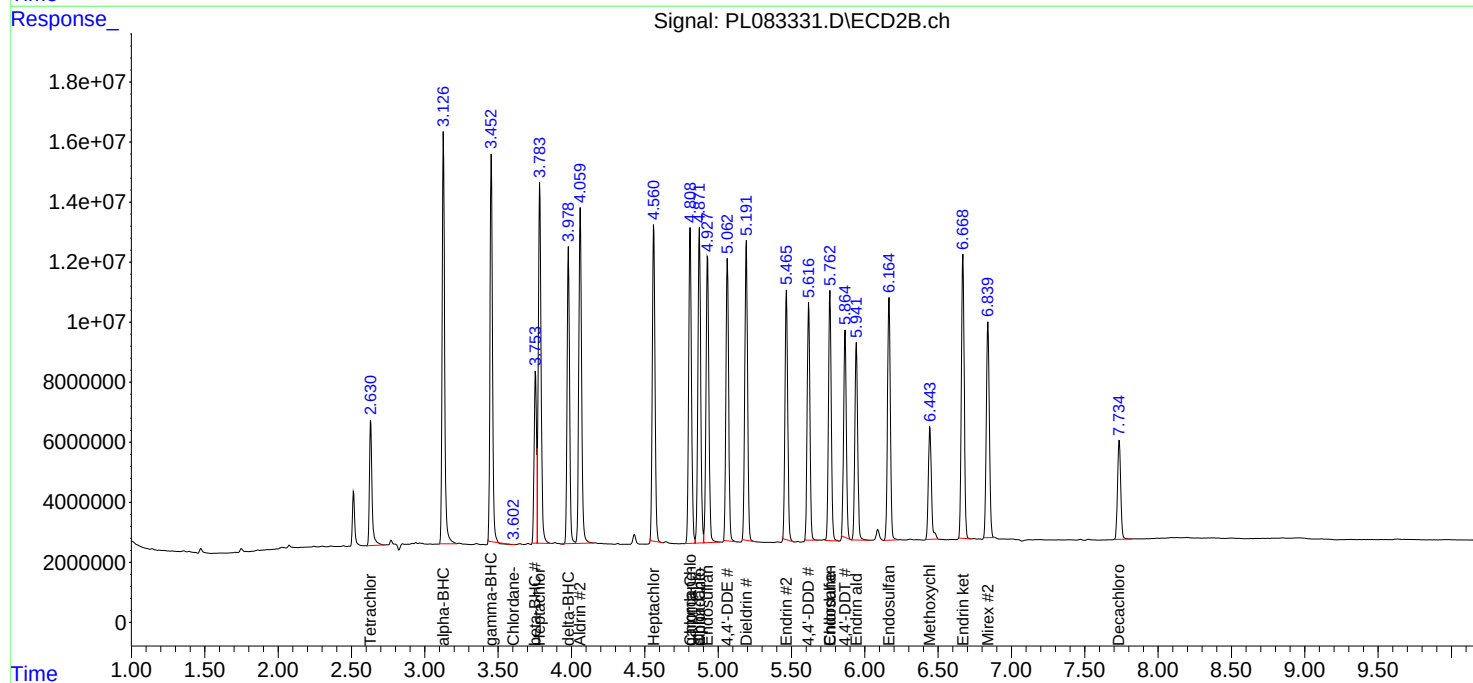
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

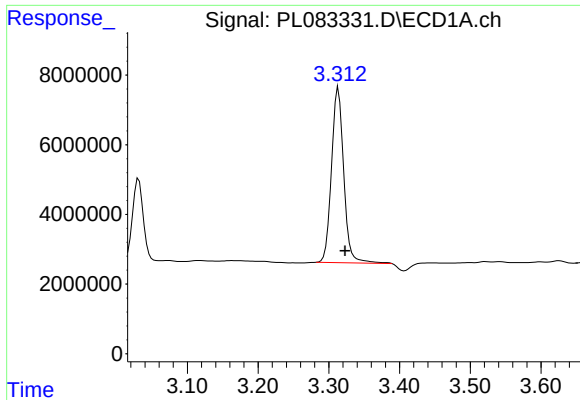
System Monitoring Compounds							
1)	SA Tetrachlo...	3.313	2.631	60285834	51759404	20.512	19.937
28)	SA Decachlor...	8.730	7.735	42603890	50433627	20.313	20.283
Target Compounds							
2)	A alpha-BHC	3.763	3.127	194.6E6	162.1E6	43.846	43.443
3)	MA gamma-BHC...	4.091	3.454	181.3E6	148.2E6	43.753	44.470
4)	MA Heptachlor	4.668	3.784	173.1E6	159.8E6	45.279	43.638
5)	MB Aldrin	5.005	4.060	167.1E6	148.2E6	47.505	45.552
6)	B beta-BHC	4.295	3.755	81607711	63596546	43.345	44.470
7)	B delta-BHC	4.536	3.980	138.7E6	113.5E6	40.330	34.652
8)	B Heptachlo...	5.431	4.561	151.9E6	136.7E6	47.473	46.072
9)	A Endosulfan I	5.812	4.928	141.7E6	131.1E6	47.223	46.930
10)	B gamma-Chl...	5.686	4.810	155.8E6	140.0E6	49.039	46.614
11)	B alpha-Chl...	5.764	4.873	151.0E6	139.8E6	47.041	46.570
12)	B 4,4'-DDE	5.943	5.063	134.3E6	118.4E6	48.728	48.735
13)	MA Dieldrin	6.087	5.192	143.2E6	130.3E6	47.595	46.142
14)	MA Endrin	6.314	5.466	117.1E6	108.1E6	43.558	42.607
15)	B Endosulfa...	6.537	5.763	114.8E6	111.2E6	42.804	44.927
16)	A 4,4'-DDD	6.459	5.618	116.5E6	101.6E6	53.609	52.805
17)	MA 4,4'-DDT	6.770	5.866	102.7E6	88901463	41.012	39.848
18)	B Endrin al...	6.667	5.943	93424244	89599293	46.465	45.310
19)	B Endosulfa...	6.901	6.166	117.5E6	110.2E6	45.846	45.010
20)	A Methoxychlor	7.251	6.444	54611399	54355291	41.298	42.741
21)	B Endrin ke...	7.381	6.669	125.5E6	129.3E6	49.186	47.804
22)	Mirex	7.844	6.840	96155862	106.1E6	45.875	45.334
23)	Chlordane-1	0.000	3.604f	0	36832	N.D.	0.446 #
24)	Chlordane-2	5.005f	4.205	167.1E6	-31539	1517.182	N.D. #
25)	Chlordane-3	5.686	4.810	155.8E6	140.0E6	375.501	525.317 #
26)	Chlordane-4	5.764	4.873	151.0E6	139.8E6	298.139	496.189 #
27)	Chlordane-5	0.000	5.763	0	111.2E6	N.D.	1144.237 #

(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

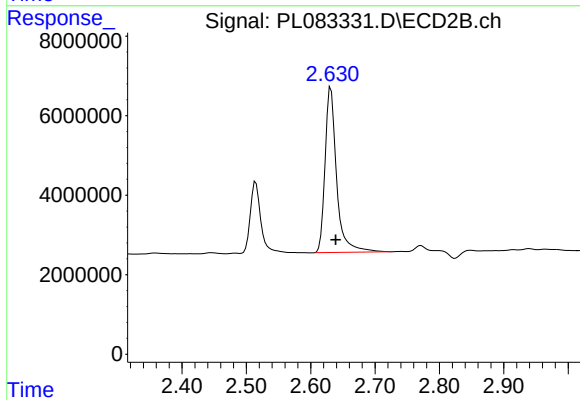




#1 Tetrachloro-m-xylene

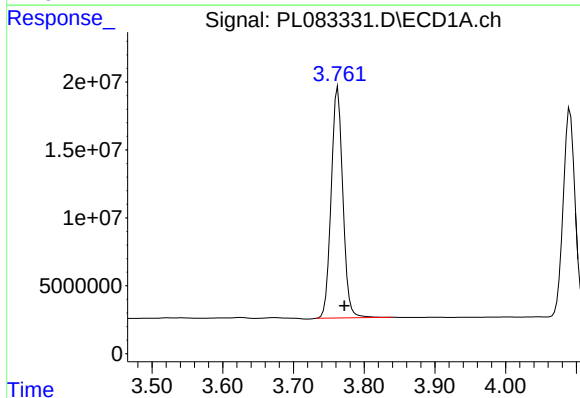
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 60285834
Conc: 20.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



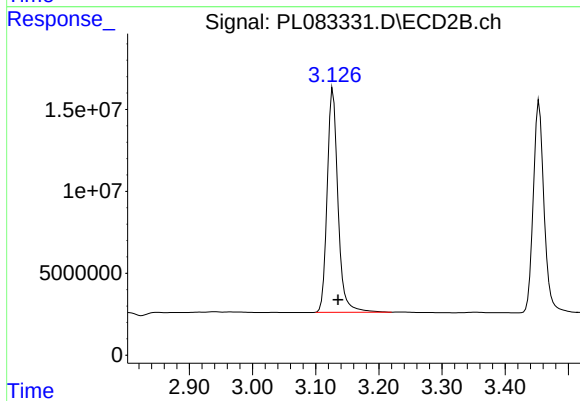
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: -0.008 min
Response: 51759404
Conc: 19.94 ng/ml



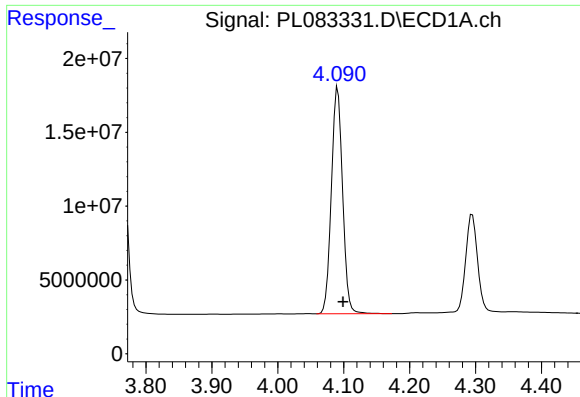
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 194642334
Conc: 43.85 ng/ml



#2 alpha-BHC

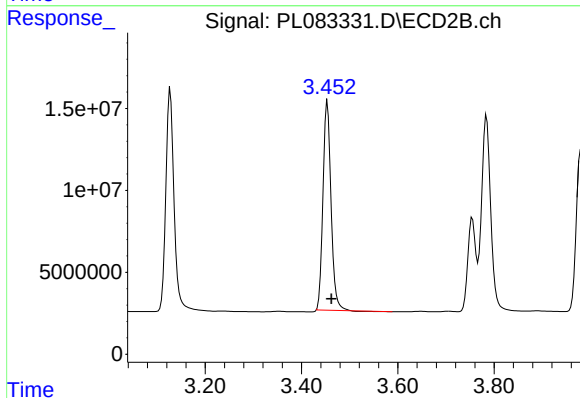
R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 162106876
Conc: 43.44 ng/ml



#3 gamma-BHC (Lindane)

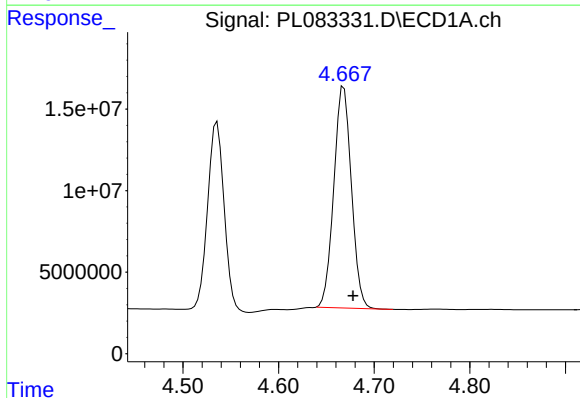
R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 181266690
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



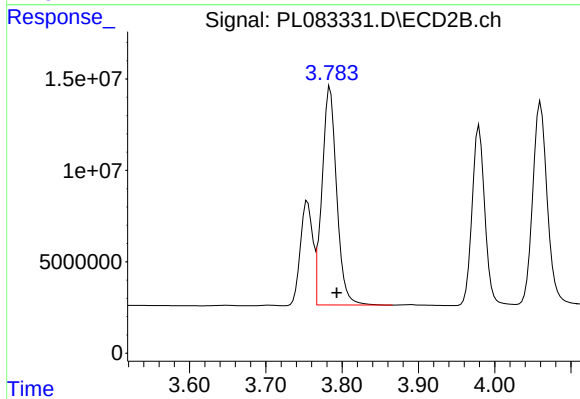
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 148233488
Conc: 44.47 ng/ml



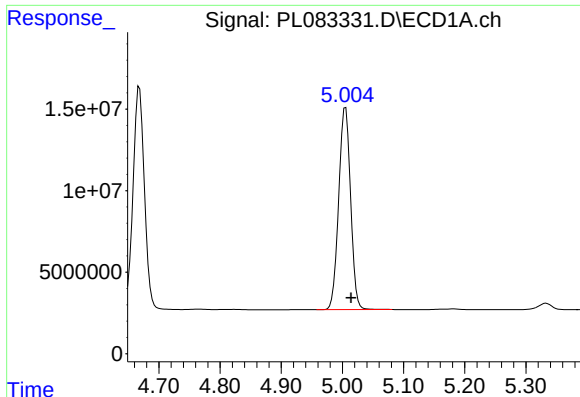
#4 Heptachlor

R.T.: 4.668 min
Delta R.T.: -0.010 min
Response: 173076774
Conc: 45.28 ng/ml



#4 Heptachlor

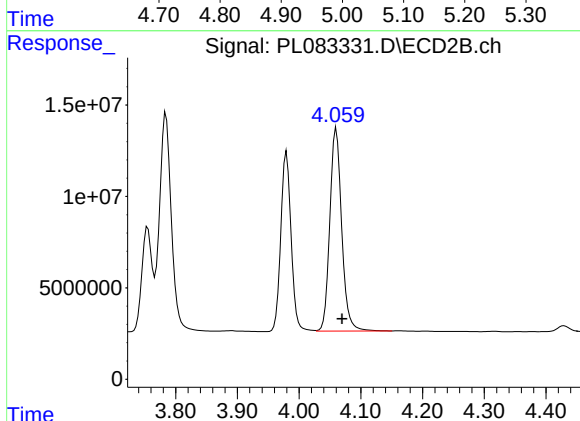
R.T.: 3.784 min
Delta R.T.: -0.009 min
Response: 159761198
Conc: 43.64 ng/ml



#5 Aldrin

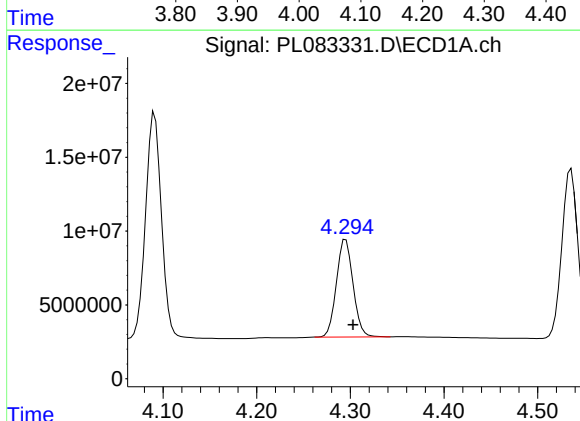
R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 167129905
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



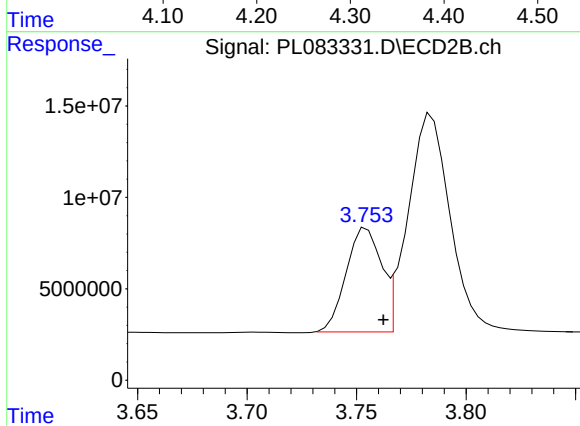
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.009 min
Response: 148208677
Conc: 45.55 ng/ml



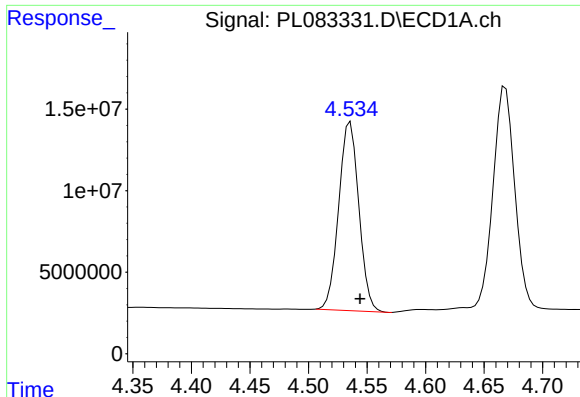
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 81607711
Conc: 43.35 ng/ml



#6 beta-BHC

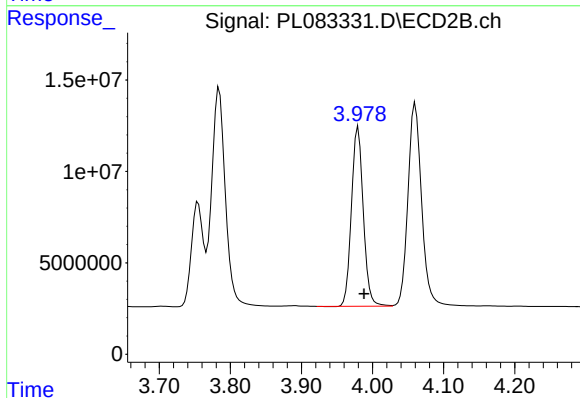
R.T.: 3.755 min
Delta R.T.: -0.008 min
Response: 63596546
Conc: 44.47 ng/ml



#7 delta-BHC

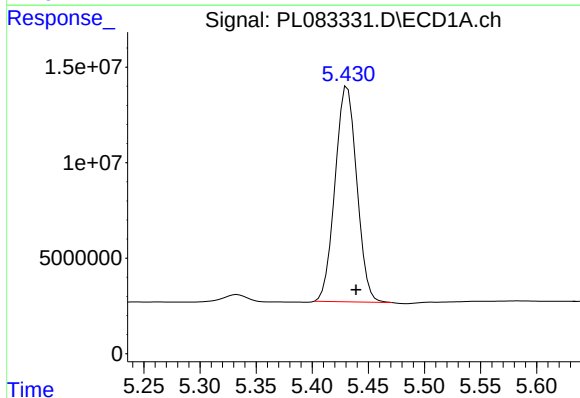
R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 138690833
Conc: 40.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



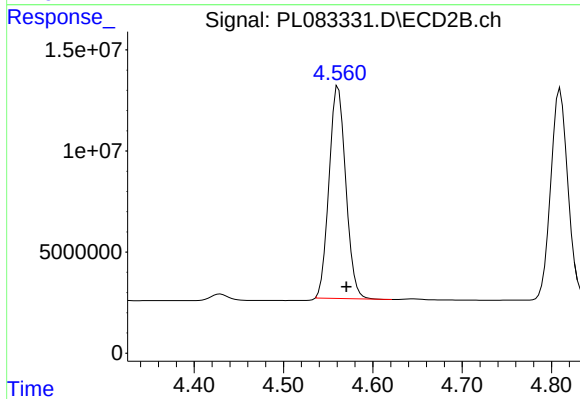
#7 delta-BHC

R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 113536673
Conc: 34.65 ng/ml



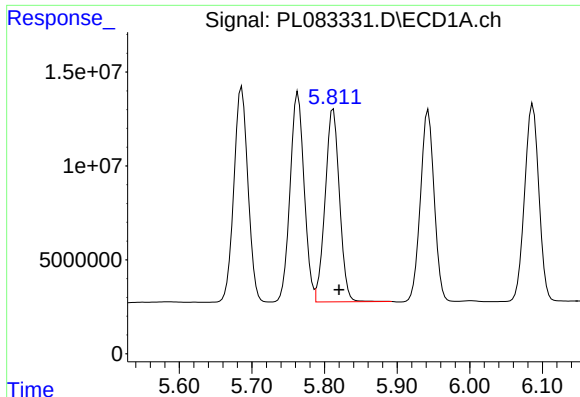
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 151852657
Conc: 47.47 ng/ml



#8 Heptachlor epoxide

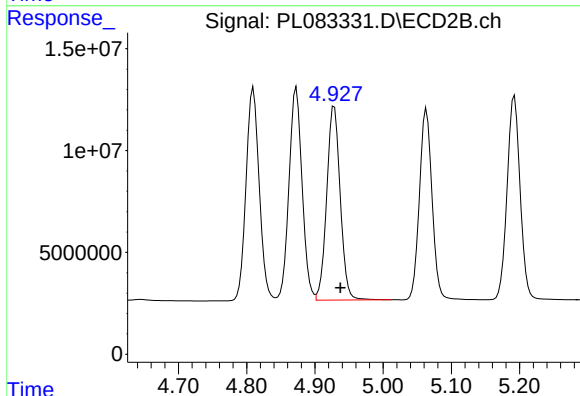
R.T.: 4.561 min
Delta R.T.: -0.009 min
Response: 136736324
Conc: 46.07 ng/ml



#9 Endosulfan I

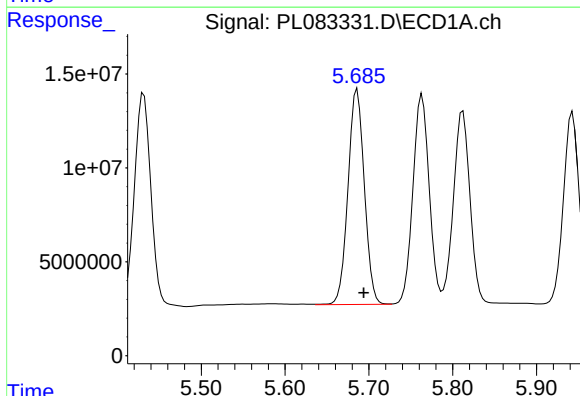
R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 141695608
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



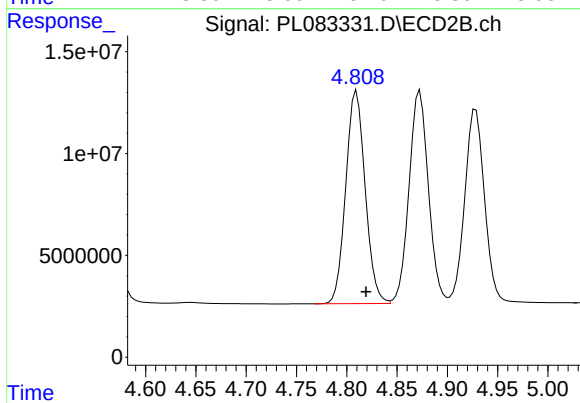
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.009 min
Response: 131141236
Conc: 46.93 ng/ml



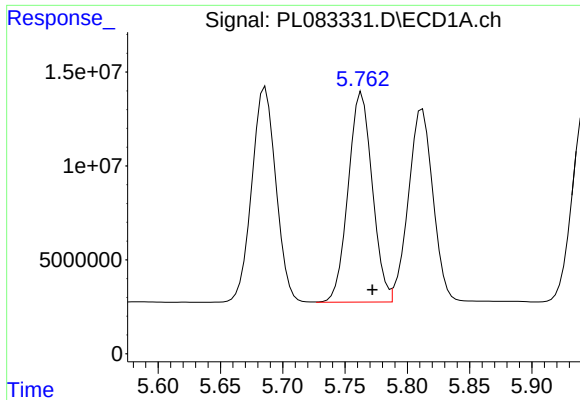
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 155796483
Conc: 49.04 ng/ml



#10 gamma-Chlordane

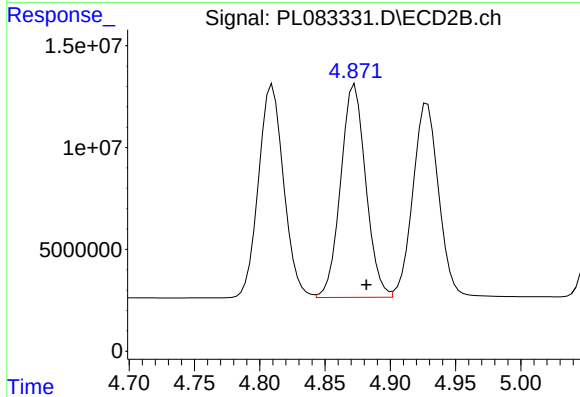
R.T.: 4.810 min
Delta R.T.: -0.009 min
Response: 139999537
Conc: 46.61 ng/ml



#11 alpha-Chlordane

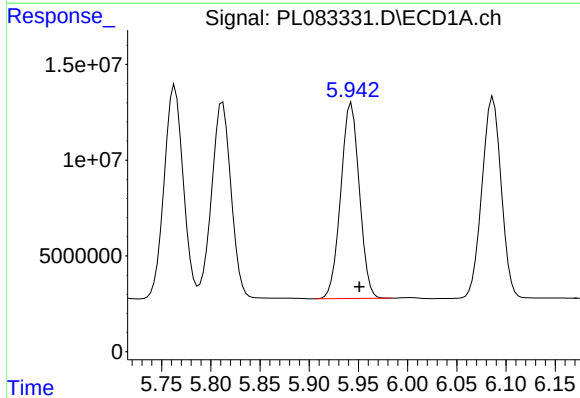
R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 150970696
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



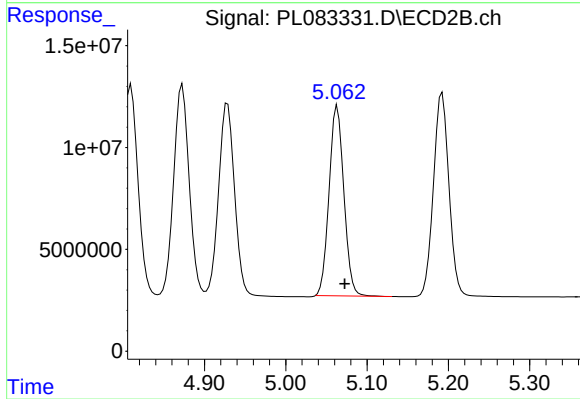
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.009 min
Response: 139801935
Conc: 46.57 ng/ml



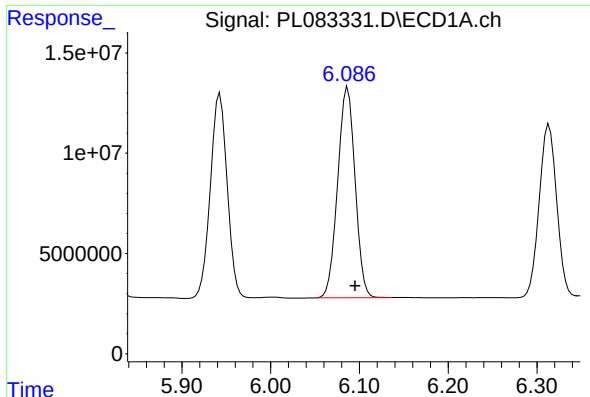
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 134319207
Conc: 48.73 ng/ml



#12 4,4'-DDE

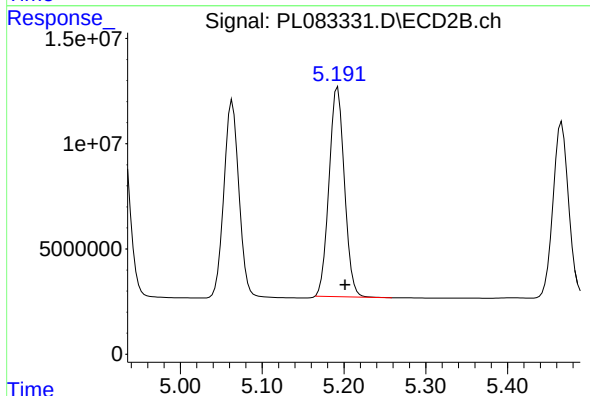
R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 118364690
Conc: 48.73 ng/ml



#13 Dieldrin

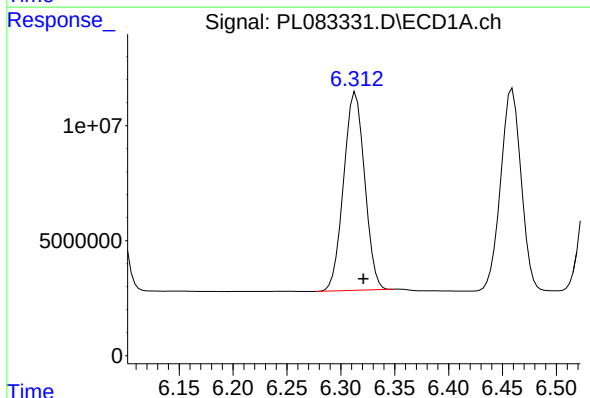
R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 143159107
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



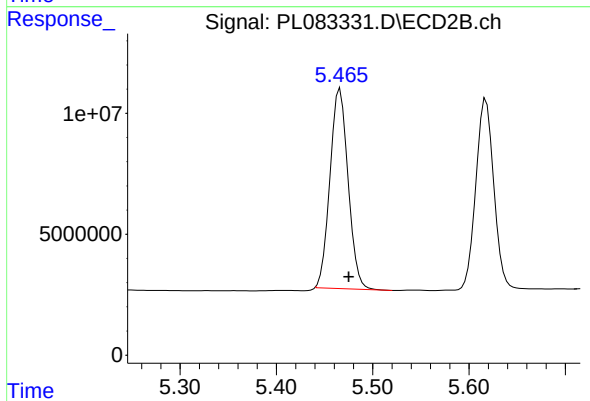
#13 Dieldrin

R.T.: 5.192 min
Delta R.T.: -0.009 min
Response: 130254989
Conc: 46.14 ng/ml



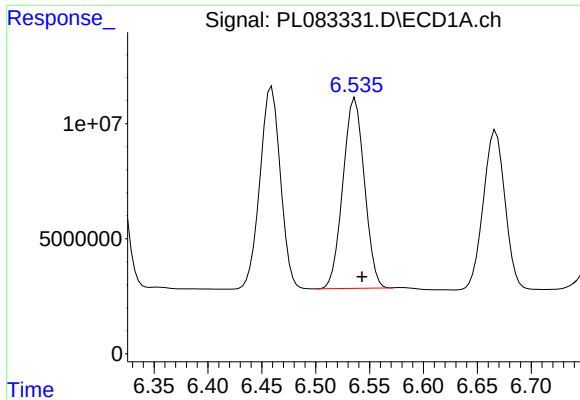
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 117051081
Conc: 43.56 ng/ml



#14 Endrin

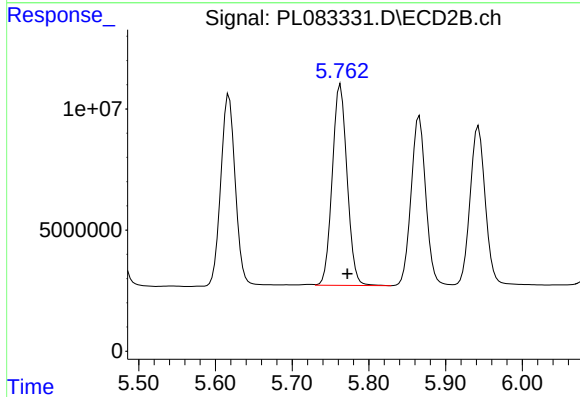
R.T.: 5.466 min
Delta R.T.: -0.009 min
Response: 108092186
Conc: 42.61 ng/ml



#15 Endosulfan II

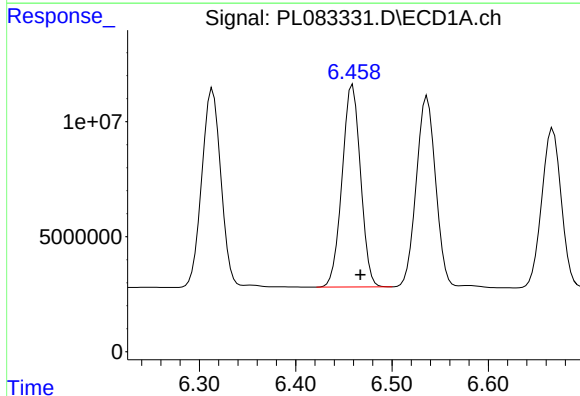
R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 114814258
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



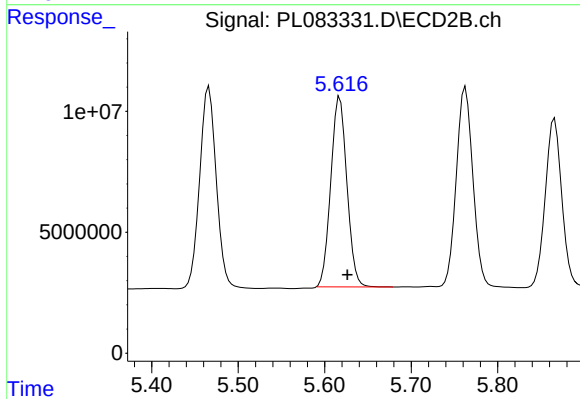
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 111158376
Conc: 44.93 ng/ml



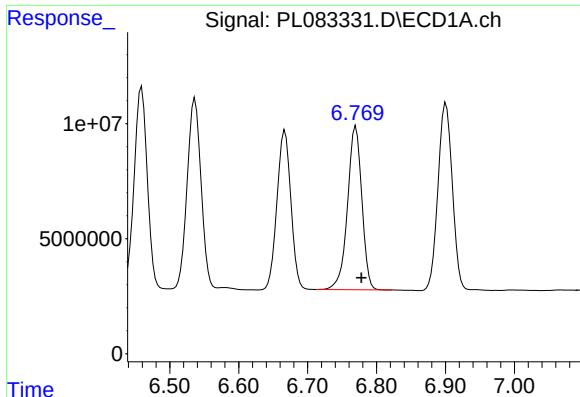
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 116496593
Conc: 53.61 ng/ml



#16 4,4'-DDD

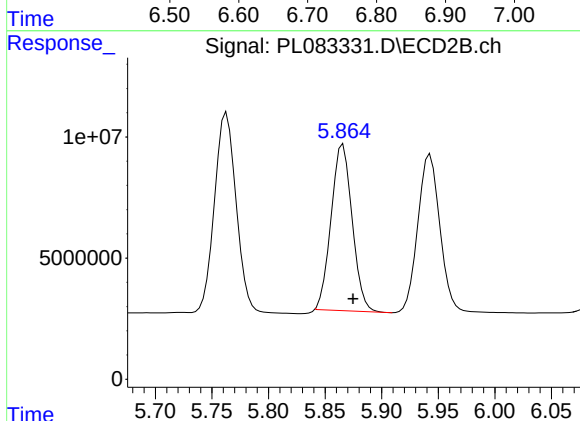
R.T.: 5.618 min
Delta R.T.: -0.009 min
Response: 101556862
Conc: 52.81 ng/ml



#17 4,4'-DDT

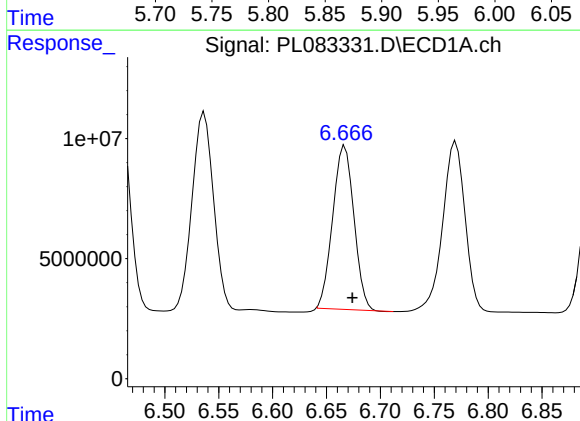
R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 102659863
Conc: 41.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



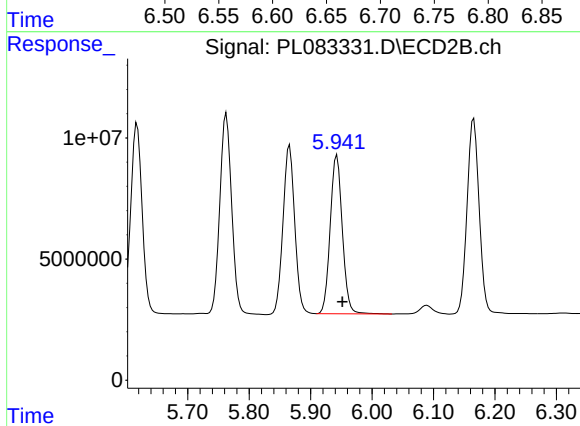
#17 4,4'-DDT

R.T.: 5.866 min
Delta R.T.: -0.009 min
Response: 88901463
Conc: 39.85 ng/ml



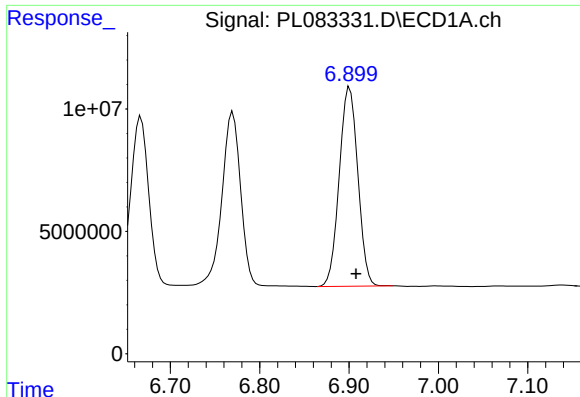
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 93424244
Conc: 46.46 ng/ml



#18 Endrin aldehyde

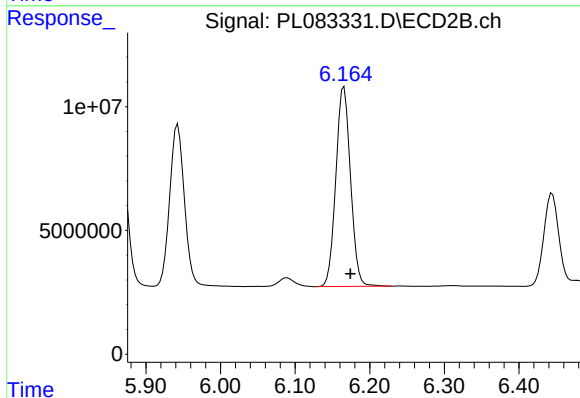
R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 89599293
Conc: 45.31 ng/ml



#19 Endosulfan Sulfate

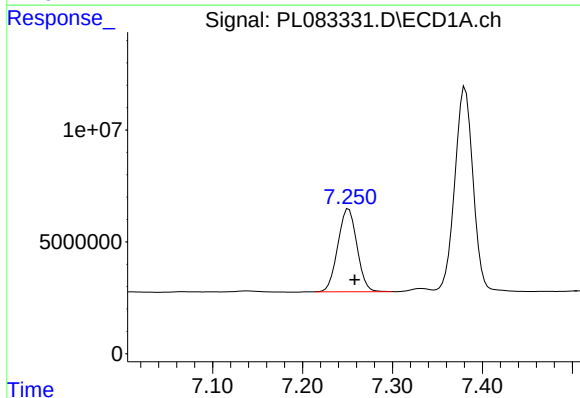
R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 117536690
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



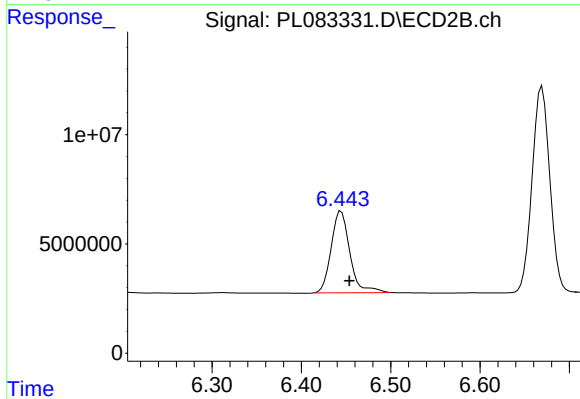
#19 Endosulfan Sulfate

R.T.: 6.166 min
Delta R.T.: -0.008 min
Response: 110229290
Conc: 45.01 ng/ml



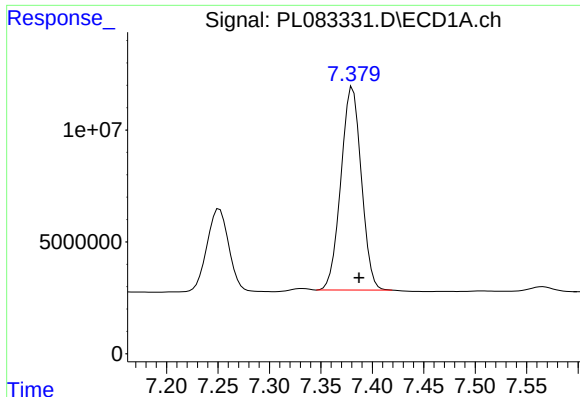
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 54611399
Conc: 41.30 ng/ml



#20 Methoxychlor

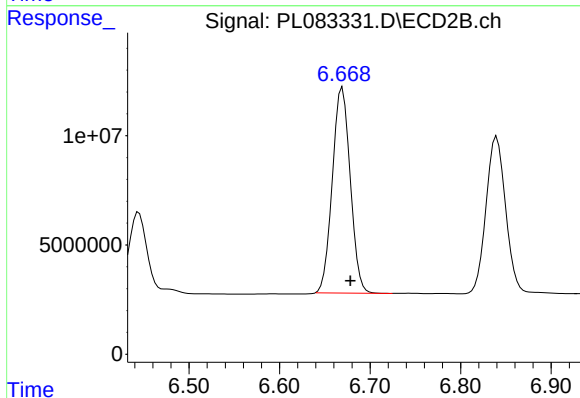
R.T.: 6.444 min
Delta R.T.: -0.009 min
Response: 54355291
Conc: 42.74 ng/ml



#21 Endrin ketone

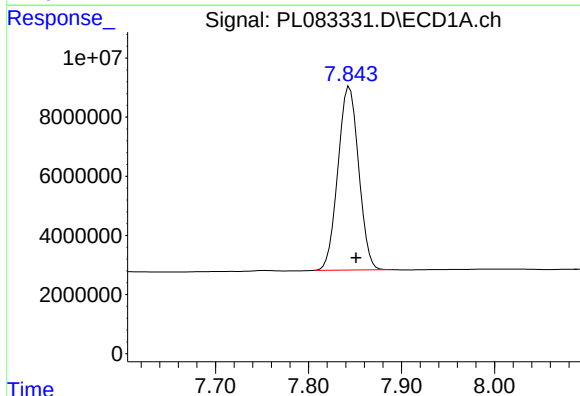
R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 125464249
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



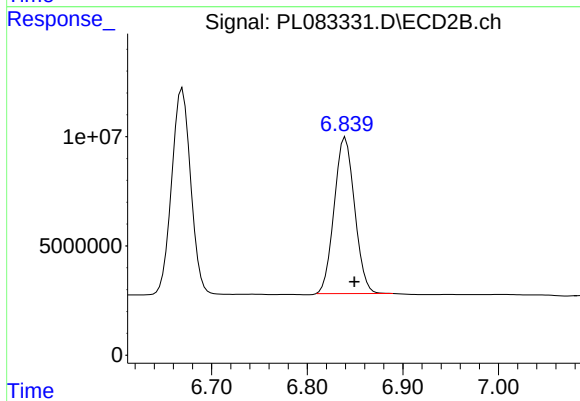
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: -0.009 min
Response: 129253643
Conc: 47.80 ng/ml



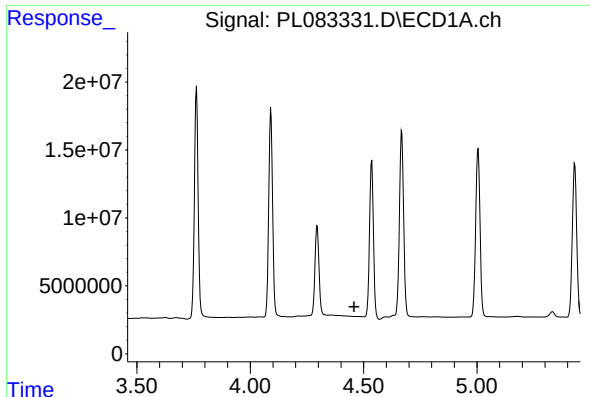
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 96155862
Conc: 45.88 ng/ml



#22 Mirex

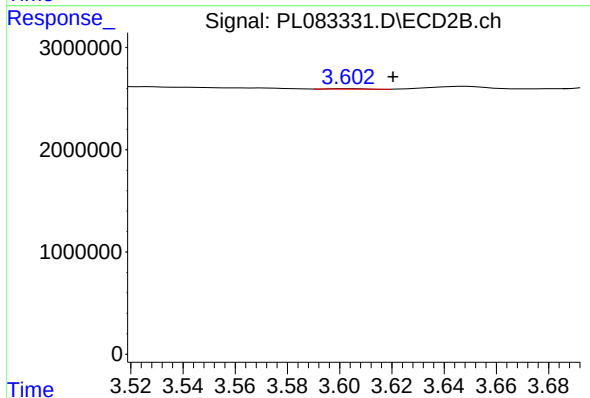
R.T.: 6.840 min
Delta R.T.: -0.009 min
Response: 106074987
Conc: 45.33 ng/ml



#23 Chlordane-1

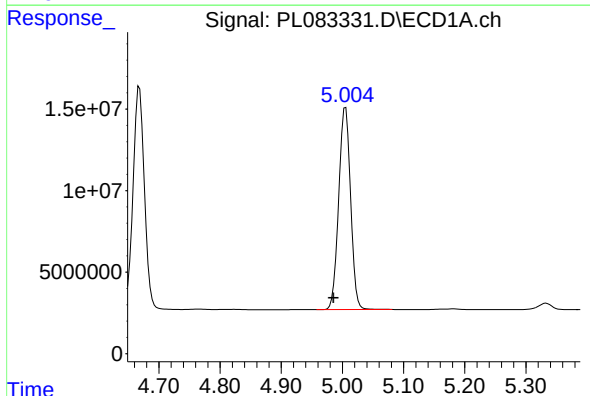
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



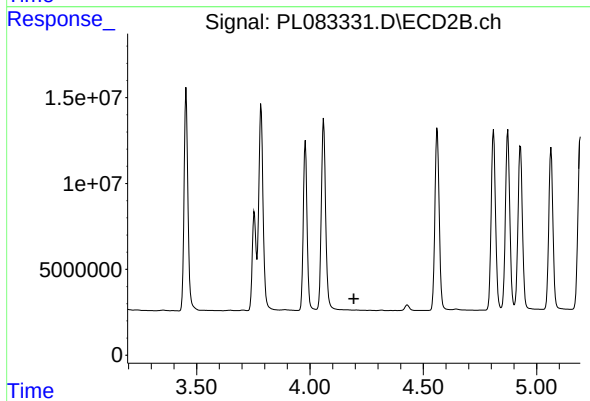
#23 Chlordane-1

R.T.: 3.604 min
Delta R.T.: -0.017 min
Response: 36832
Conc: 0.45 ng/ml



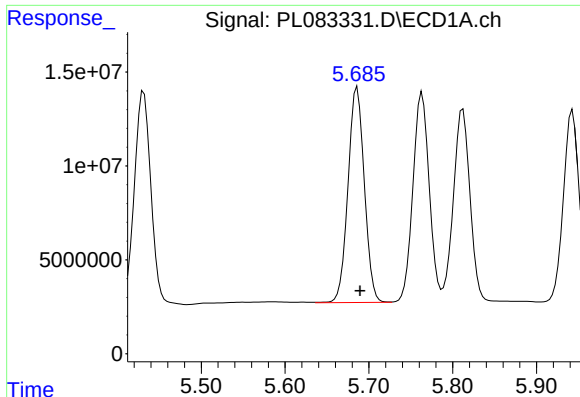
#24 Chlordane-2

R.T.: 5.005 min
Delta R.T.: 0.020 min
Response: 167129905
Conc: 1517.18 ng/ml



#24 Chlordane-2

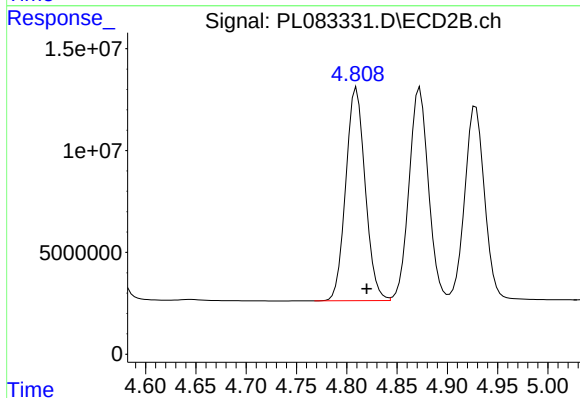
R.T.: 4.205 min
Delta R.T.: 0.012 min
Response: -31539
Conc: N.D.



#25 Chlordane-3

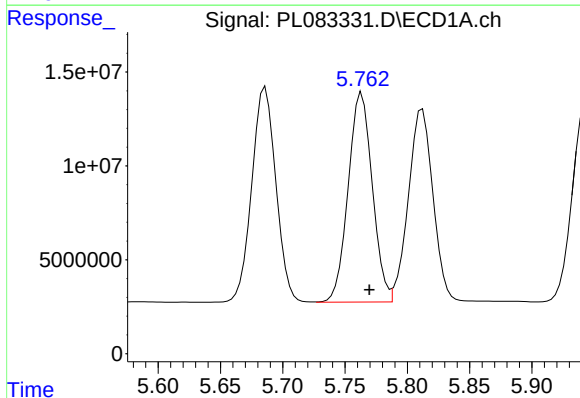
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 155796483
Conc: 375.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



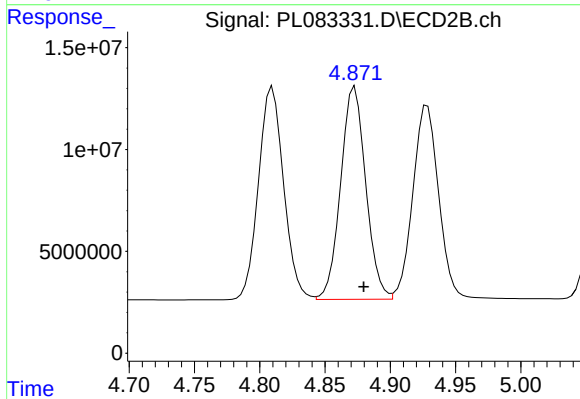
#25 Chlordane-3

R.T.: 4.810 min
Delta R.T.: -0.010 min
Response: 139999537
Conc: 525.32 ng/ml



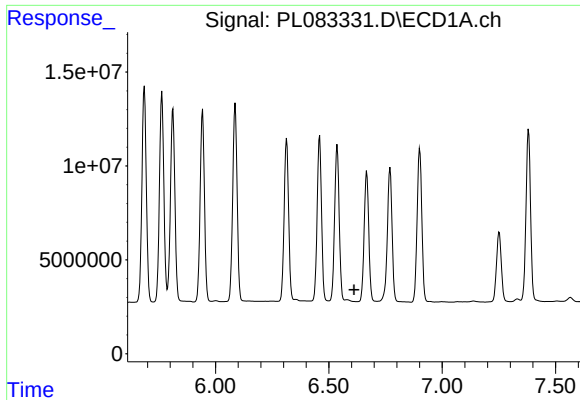
#26 Chlordane-4

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 150970696
Conc: 298.14 ng/ml



#26 Chlordane-4

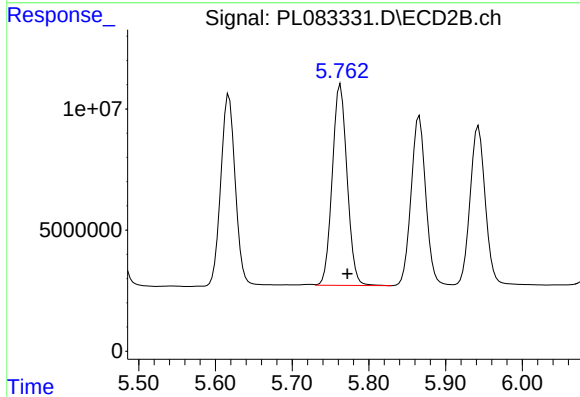
R.T.: 4.873 min
Delta R.T.: -0.007 min
Response: 139801935
Conc: 496.19 ng/ml



#27 Chlordane-5

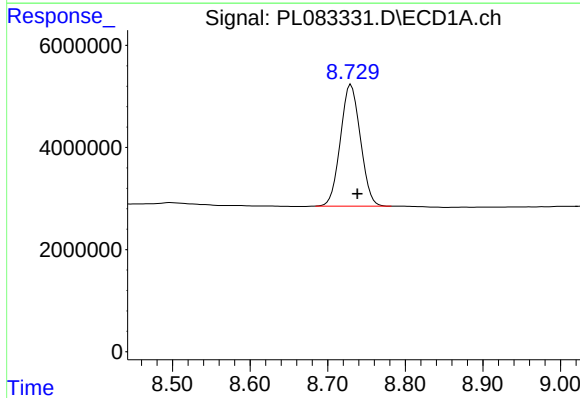
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



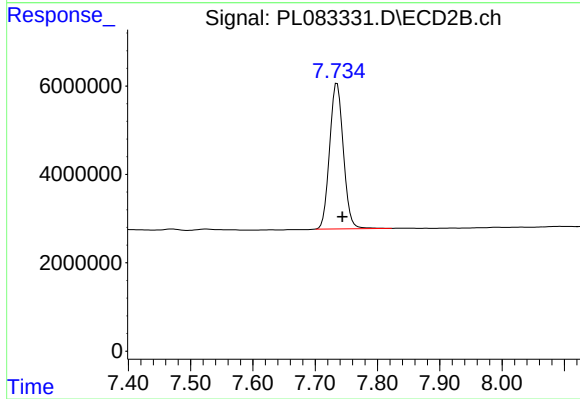
#27 Chlordane-5

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 111158376
Conc: 1144.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 42603890
Conc: 20.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: -0.008 min
Response: 50433627
Conc: 20.28 ng/ml