

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
 Data File : PL053165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 19:46
 Operator : SG\AJ
 Sample : K5141-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 00:44:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 2019
 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...	3.546	4.048	187.0E6	49203573	18.798	18.324
28)	SA Decachlor...	8.336	9.126	131.6E6	40532763	13.138	13.816
Target Compounds							
2)	A alpha-BHC	3.990	4.439	871.4E6	198.2E6	54.634	51.624
3)	MA gamma-BHC...	4.276	4.724	781.7E6	180.6E6	53.670	49.883
4)	MA Heptachlor	4.584	5.234	780.1E6	180.4E6	52.208	47.333
5)	MB Aldrin	4.837	5.540	692.6E6	164.2E6	50.355	47.393
6)	B beta-BHC	4.527	4.893	332.4E6	82229503	53.545	52.315
7)	B delta-BHC	4.735	5.111	568.3E6	118.0E6	39.664	32.597
8)	B Heptachlo...	5.283	5.926	708.4E6	157.7E6	54.366	47.049
9)	A Endosulfan I	5.625	6.282	647.6E6	152.6E6	53.365	48.807
10)	B gamma-Chl...	5.511	6.160	728.3E6	163.2E6	54.153	48.228
11)	B alpha-Chl...	5.570	6.232	693.6E6	163.1E6	52.591	48.459
12)	B 4,4'-DDE	5.733	6.388	640.3E6	159.4E6	55.168	48.791
13)	MA Dieldrin	5.870	6.540	690.8E6	155.9E6	53.515	47.805
14)	MA Endrin	6.129	6.758	643.1E6	135.2E6	56.462	48.693
15)	B Endosulfa...	6.401	6.966	596.0E6	139.2E6	52.010	46.932
16)	A 4,4'-DDD	6.251	6.877	527.5E6	120.8E6	58.691	49.267
17)	MA 4,4'-DDT	6.494	7.176	535.9E6	120.2E6	52.473	46.180
18)	B Endrin al...	6.569	7.090	464.5E6	109.8E6	49.459	44.786
19)	B Endosulfa...	6.783	7.313	483.6E6	120.0E6	46.463	43.951
20)	A Methoxychlor	7.040	7.634	241.5E6	63634033	46.825	45.197
21)	B Endrin ke...	7.278	7.784	524.1E6	129.3E6	44.971	45.307
22)	Mirex	7.472	8.238	465.8E6	109.1E6	49.323	48.526
24)	Chlordane-2	0.000	5.540f	0	164.2E6	N.D.	1467.514 #
25)	Chlordane-3	5.511	6.160	728.3E6	163.2E6	628.508	374.642 #
26)	Chlordane-4	5.570	6.232	693.6E6	163.1E6	726.775	307.180 #
27)	Chlordane-5	6.401f	7.016f	596.0E6	1390446	1511.056	15.763 #

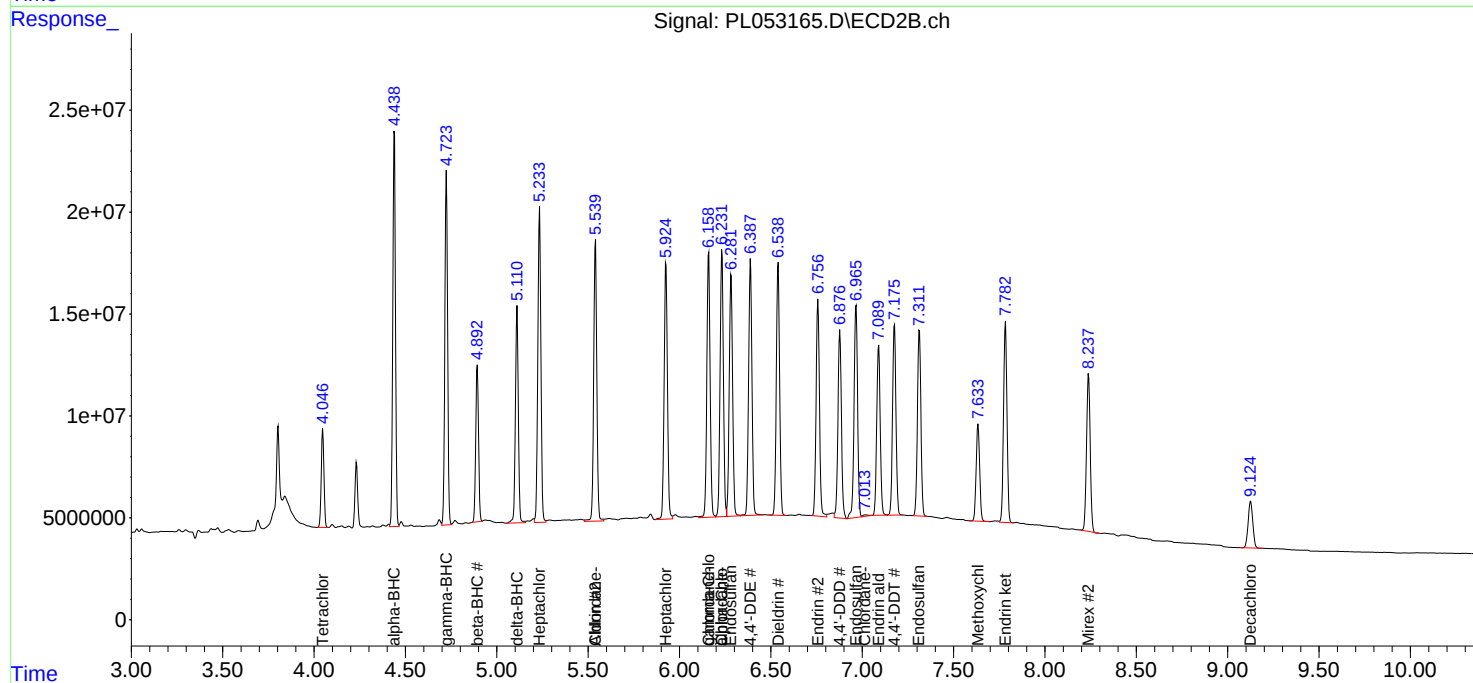
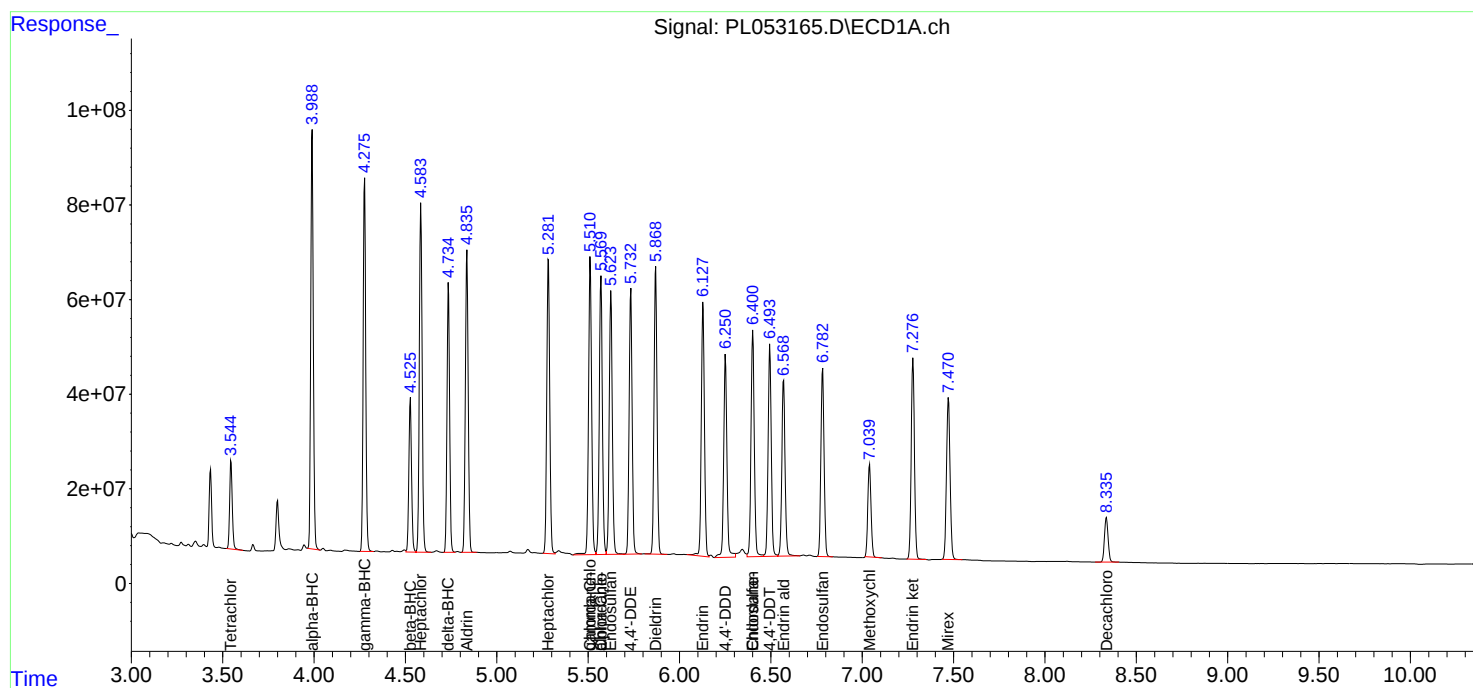
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

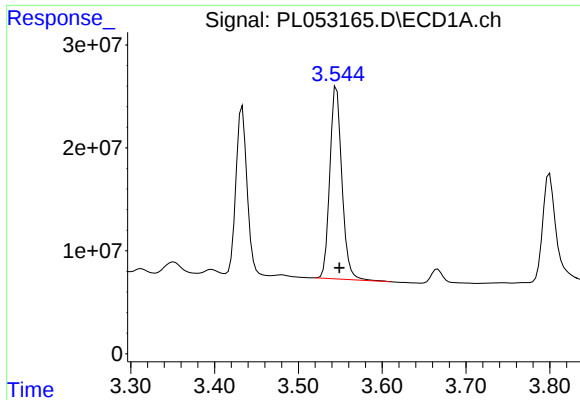
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
 Data File : PL053165.D
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

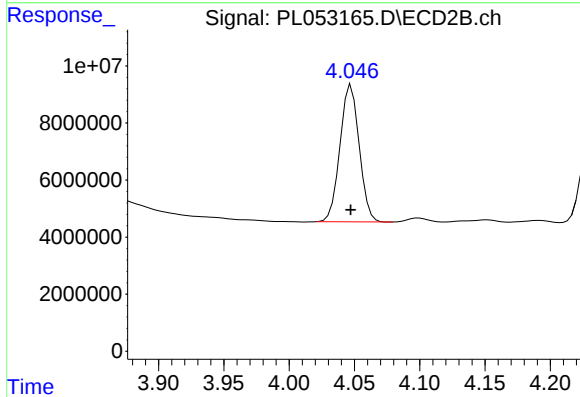




#1 Tetrachloro-m-xylene

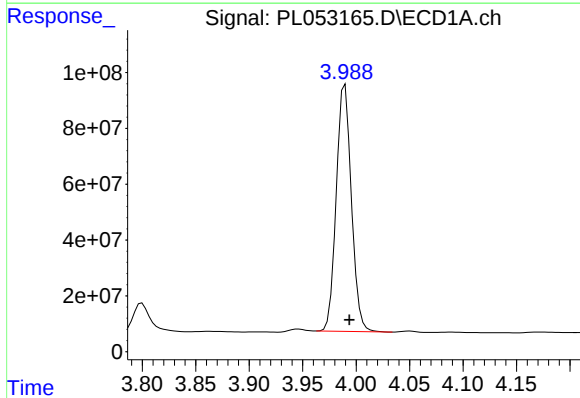
R.T.: 3.546 min
Delta R.T.: -0.003 min
Response: 186978736
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



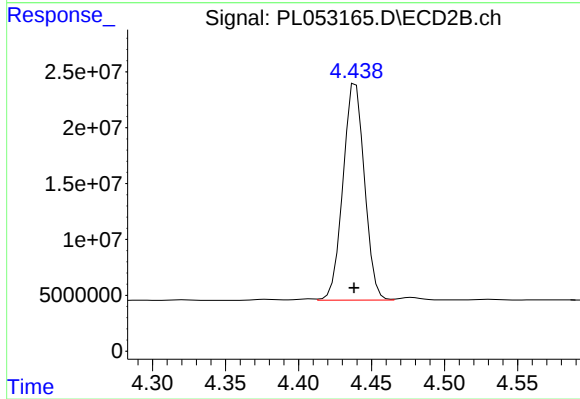
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 49203573
Conc: 18.32 ng/ml



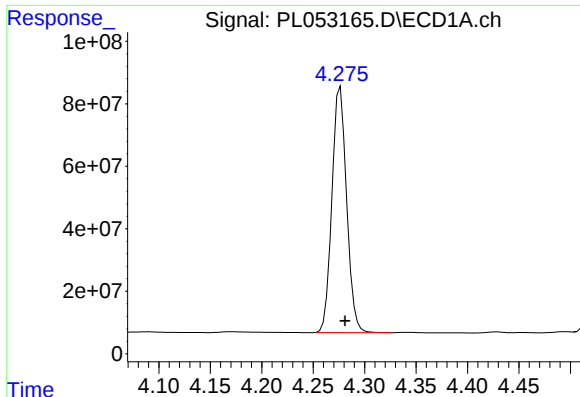
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 871439284
Conc: 54.63 ng/ml



#2 alpha-BHC

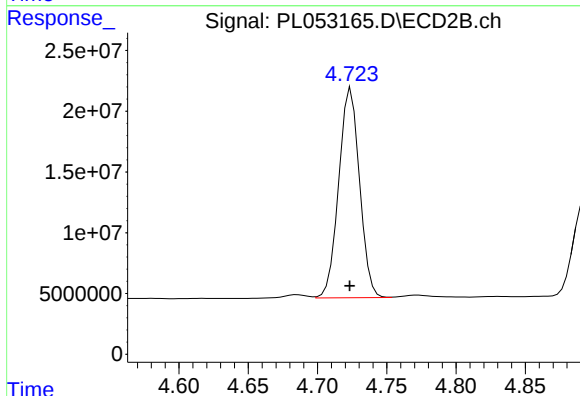
R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 198239840
Conc: 51.62 ng/ml



#3 gamma-BHC (Lindane)

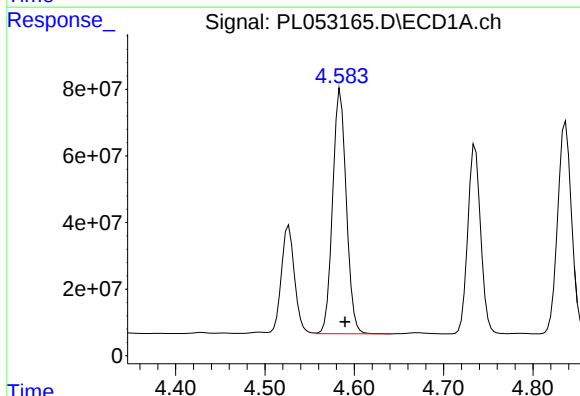
R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 781675561
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



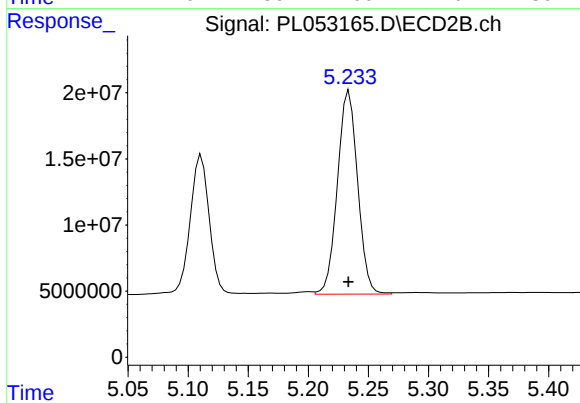
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 180634600
Conc: 49.88 ng/ml



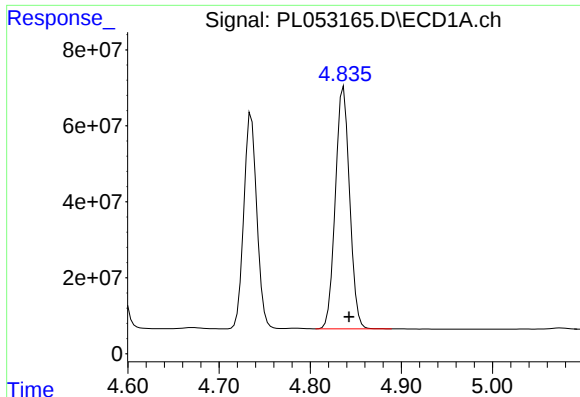
#4 Heptachlor

R.T.: 4.584 min
Delta R.T.: -0.005 min
Response: 780088074
Conc: 52.21 ng/ml



#4 Heptachlor

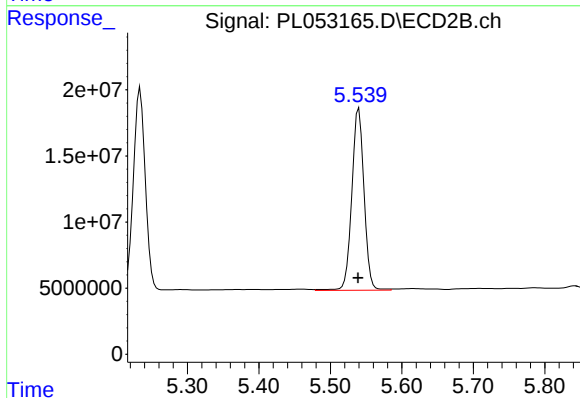
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 180371331
Conc: 47.33 ng/ml



#5 Aldrin

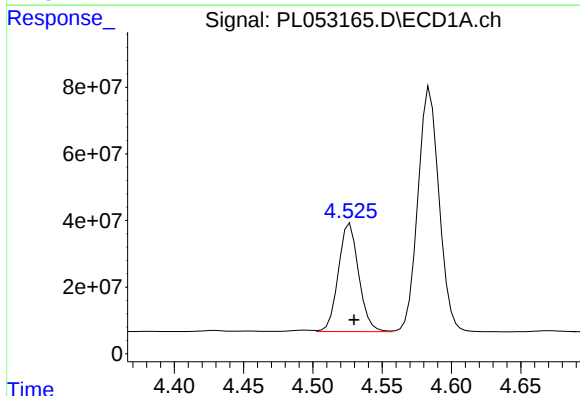
R.T.: 4.837 min
Delta R.T.: -0.006 min
Response: 692645770
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



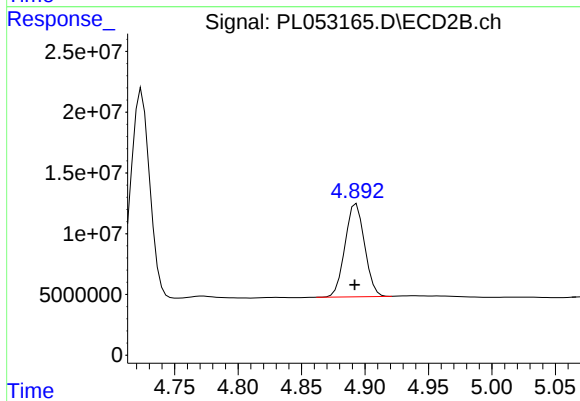
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 164247630
Conc: 47.39 ng/ml



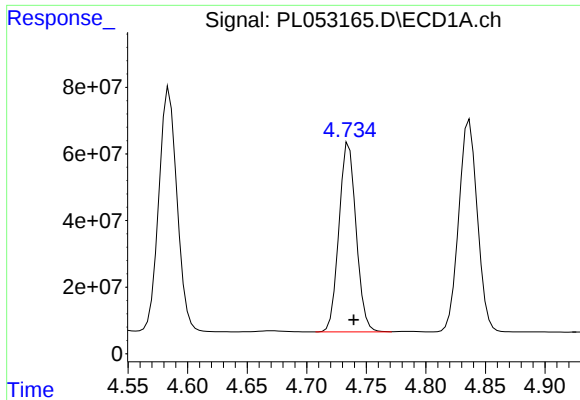
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 332440435
Conc: 53.55 ng/ml



#6 beta-BHC

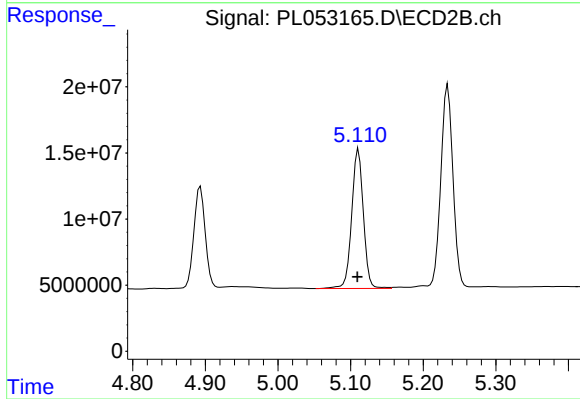
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 82229503
Conc: 52.32 ng/ml



#7 delta-BHC

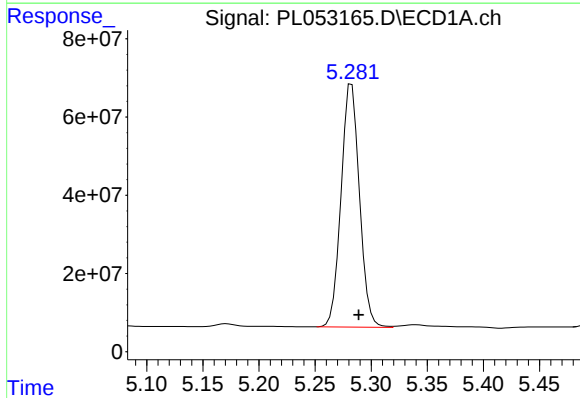
R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 568348026
Conc: 39.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



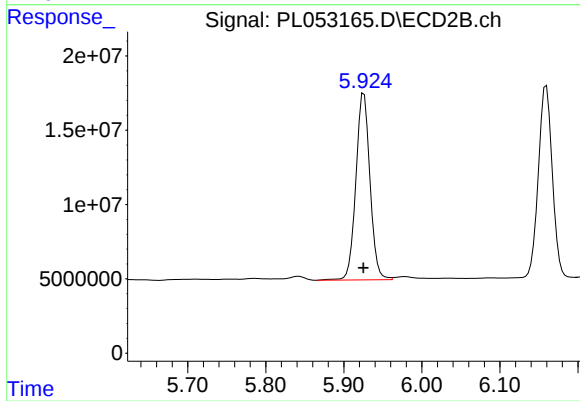
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 117998357
Conc: 32.60 ng/ml



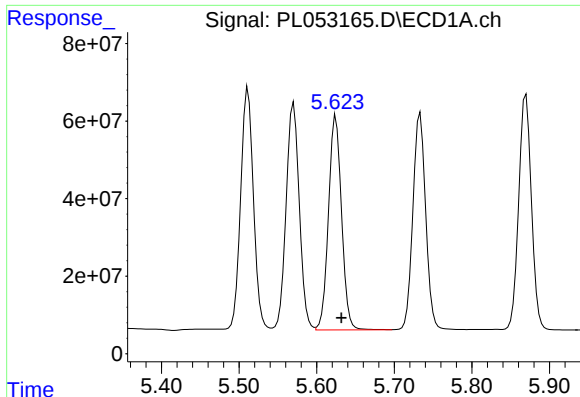
#8 Heptachlor epoxide

R.T.: 5.283 min
Delta R.T.: -0.006 min
Response: 708443402
Conc: 54.37 ng/ml



#8 Heptachlor epoxide

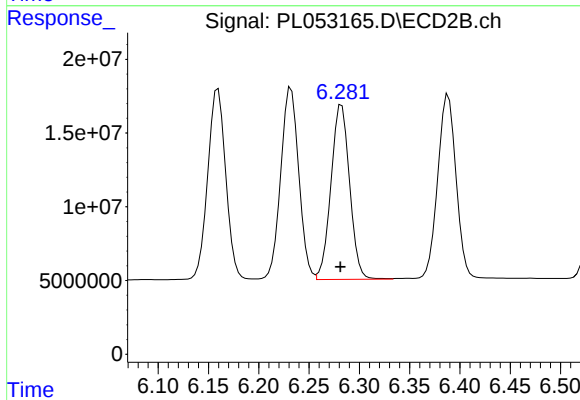
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 157684282
Conc: 47.05 ng/ml



#9 Endosulfan I

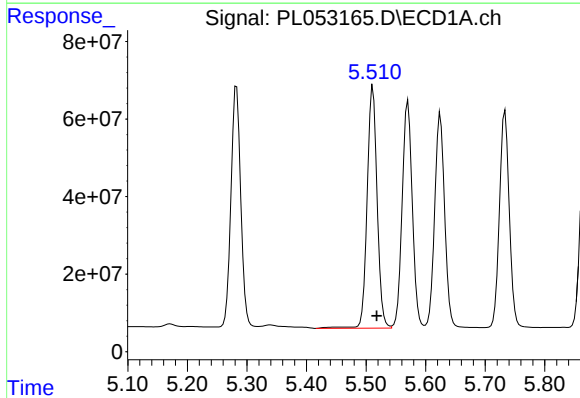
R.T.: 5.625 min
Delta R.T.: -0.007 min
Response: 647628473
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



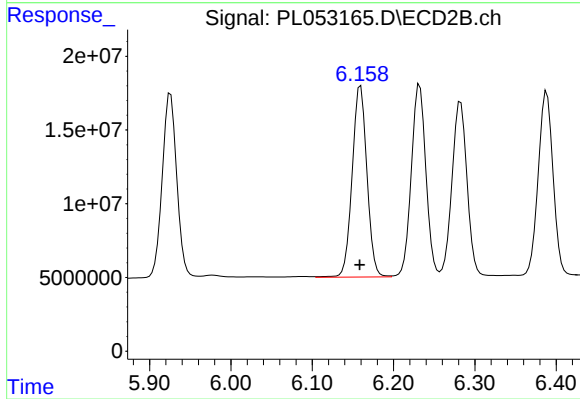
#9 Endosulfan I

R.T.: 6.282 min
Delta R.T.: 0.001 min
Response: 152554948
Conc: 48.81 ng/ml



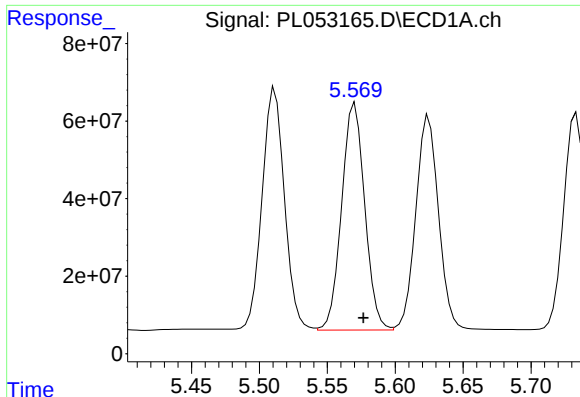
#10 gamma-Chlordane

R.T.: 5.511 min
Delta R.T.: -0.007 min
Response: 728252079
Conc: 54.15 ng/ml



#10 gamma-Chlordane

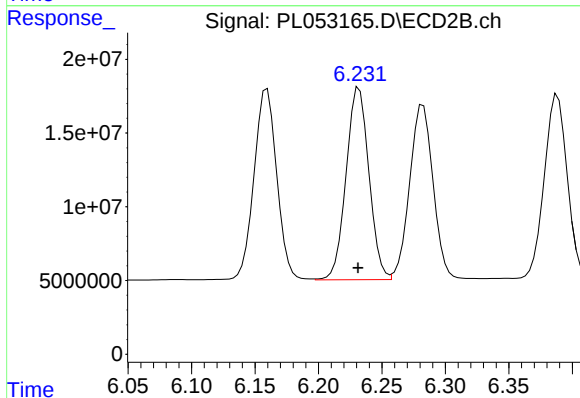
R.T.: 6.160 min
Delta R.T.: 0.001 min
Response: 163159963
Conc: 48.23 ng/ml



#11 alpha-Chlordane

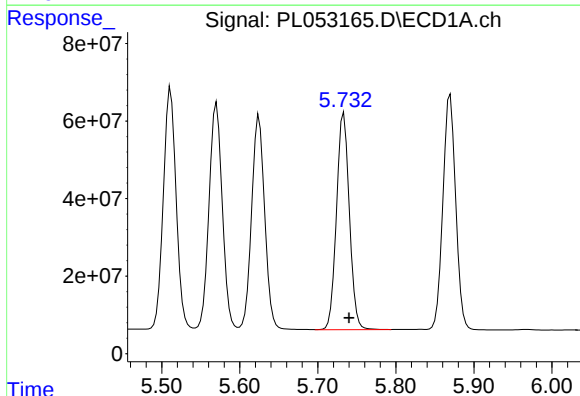
R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 693641749
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



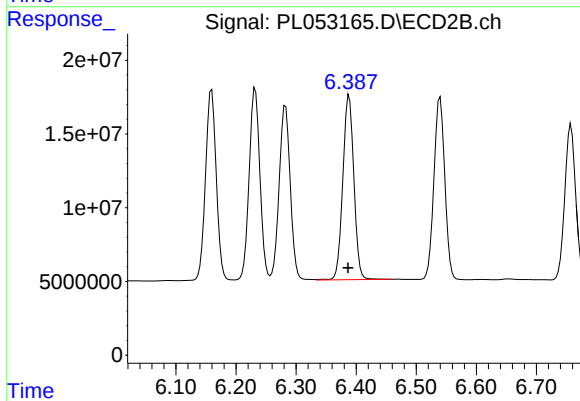
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 163111880
Conc: 48.46 ng/ml



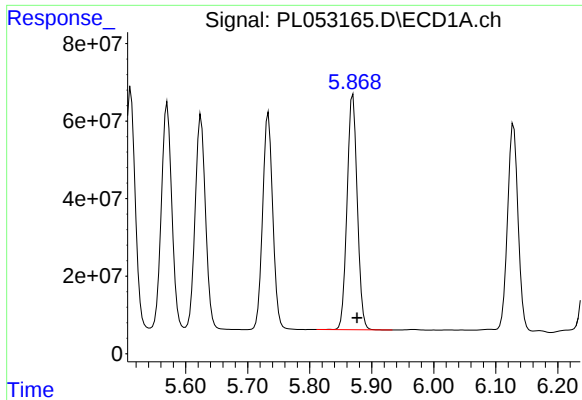
#12 4,4'-DDE

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 640305193
Conc: 55.17 ng/ml



#12 4,4'-DDE

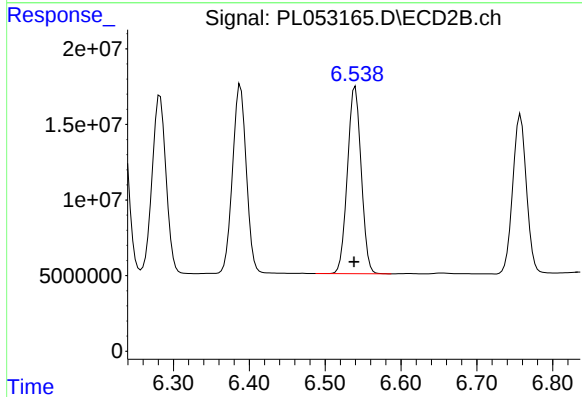
R.T.: 6.388 min
Delta R.T.: 0.002 min
Response: 159359193
Conc: 48.79 ng/ml



#13 Dieldrin

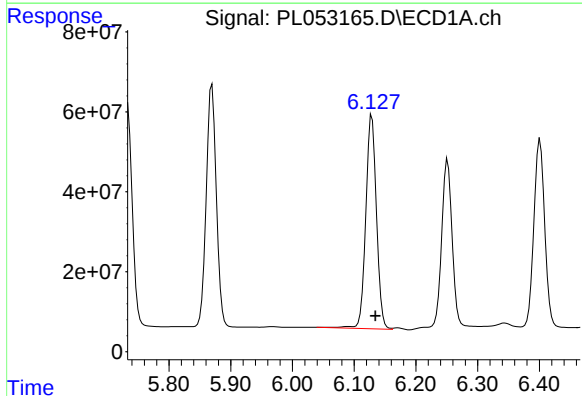
R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 690785116
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



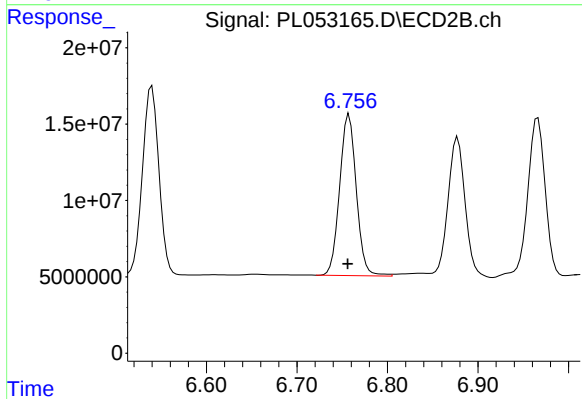
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 155939411
Conc: 47.81 ng/ml



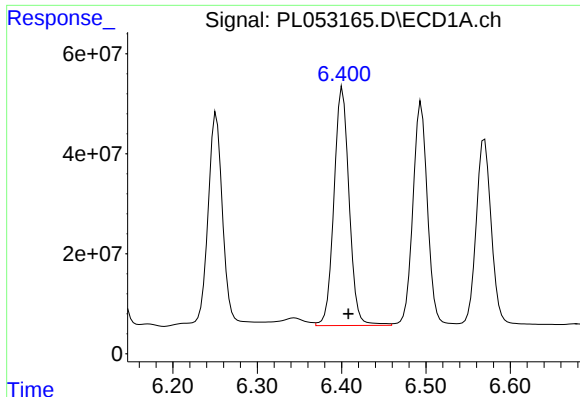
#14 Endrin

R.T.: 6.129 min
Delta R.T.: -0.006 min
Response: 643147108
Conc: 56.46 ng/ml



#14 Endrin

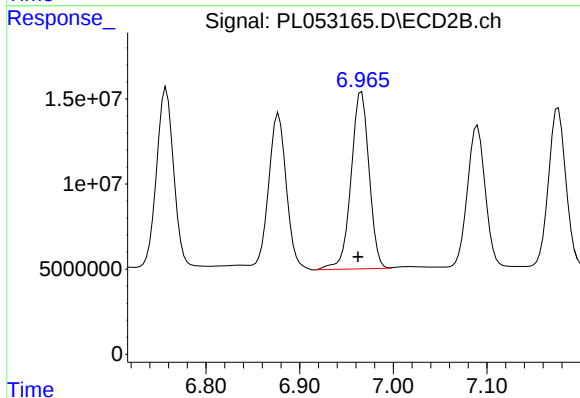
R.T.: 6.758 min
Delta R.T.: 0.002 min
Response: 135216133
Conc: 48.69 ng/ml



#15 Endosulfan II

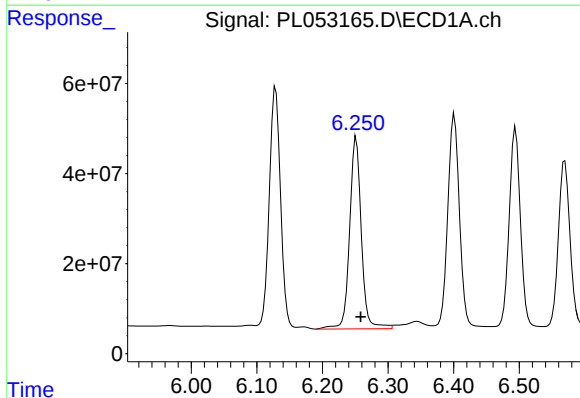
R.T.: 6.401 min
Delta R.T.: -0.007 min
Response: 596012436
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



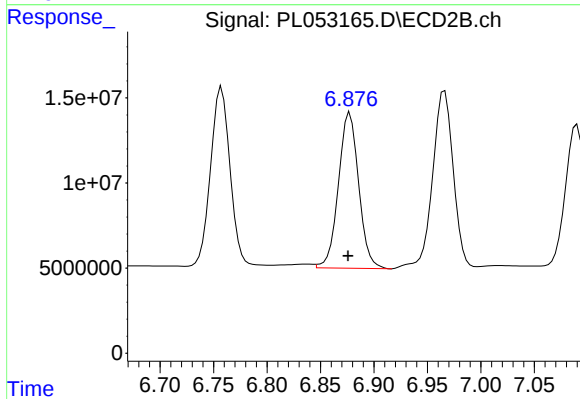
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 139246980
Conc: 46.93 ng/ml



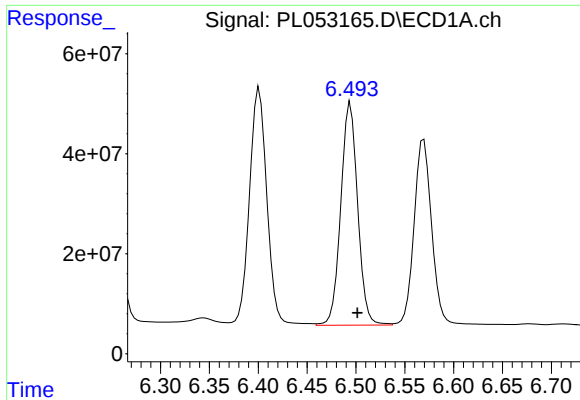
#16 4,4'-DDD

R.T.: 6.251 min
Delta R.T.: -0.007 min
Response: 527539090
Conc: 58.69 ng/ml



#16 4,4'-DDD

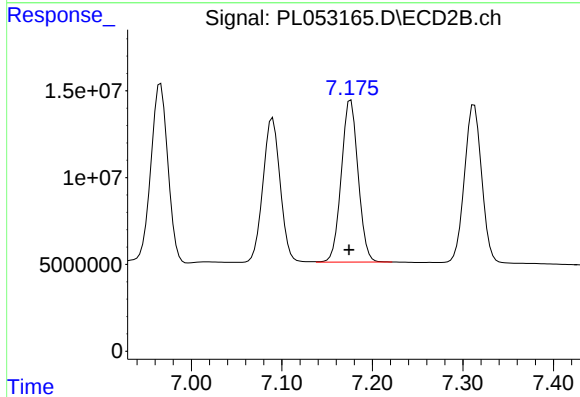
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 120829940
Conc: 49.27 ng/ml



#17 4,4'-DDT

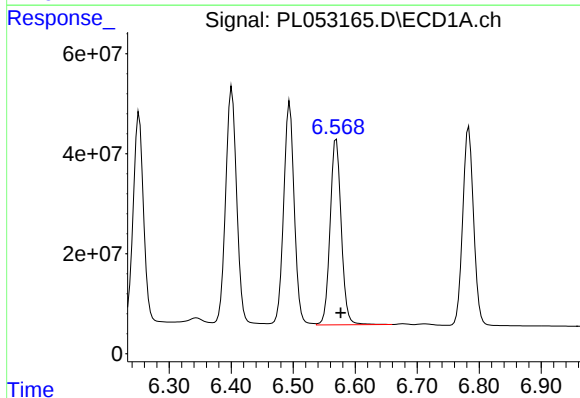
R.T.: 6.494 min
Delta R.T.: -0.007 min
Response: 535873934
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



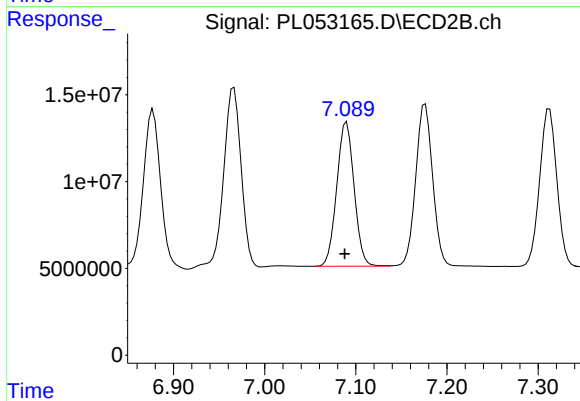
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 120185987
Conc: 46.18 ng/ml



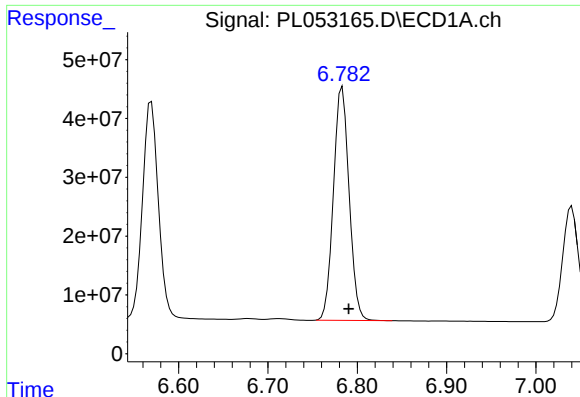
#18 Endrin aldehyde

R.T.: 6.569 min
Delta R.T.: -0.007 min
Response: 464462814
Conc: 49.46 ng/ml



#18 Endrin aldehyde

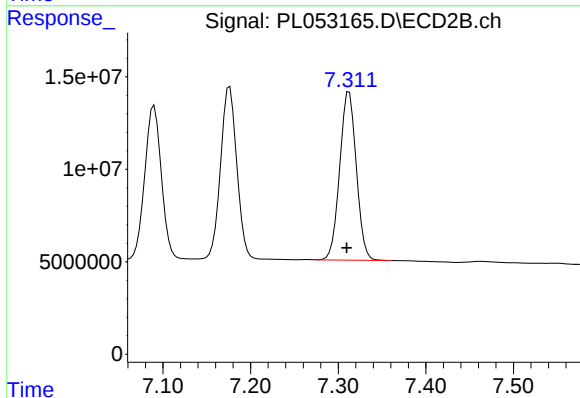
R.T.: 7.090 min
Delta R.T.: 0.002 min
Response: 109845019
Conc: 44.79 ng/ml



#19 Endosulfan Sulfate

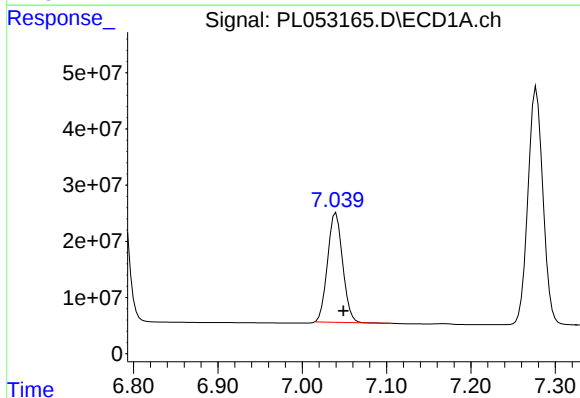
R.T.: 6.783 min
Delta R.T.: -0.007 min
Response: 483638614
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



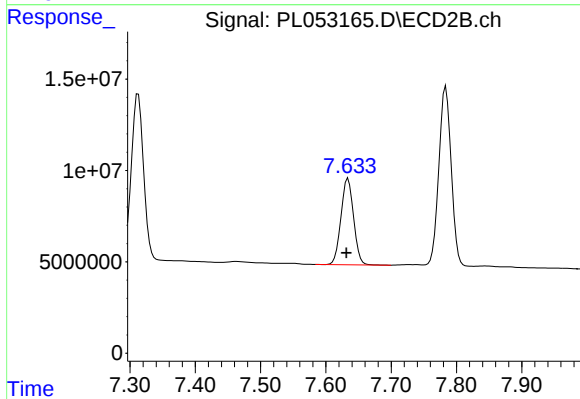
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.003 min
Response: 120003127
Conc: 43.95 ng/ml



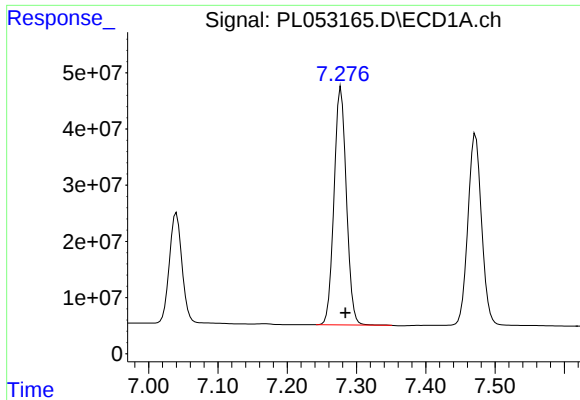
#20 Methoxychlor

R.T.: 7.040 min
Delta R.T.: -0.009 min
Response: 241529351
Conc: 46.82 ng/ml



#20 Methoxychlor

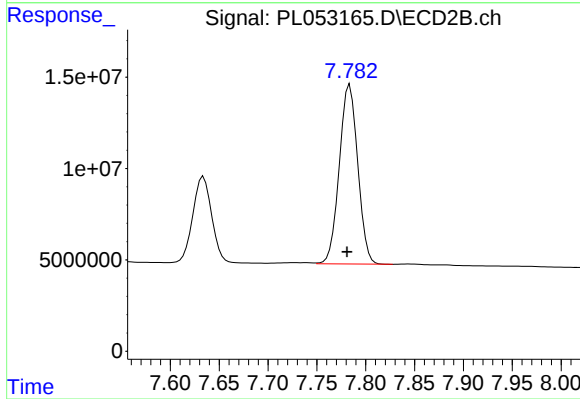
R.T.: 7.634 min
Delta R.T.: 0.003 min
Response: 63634033
Conc: 45.20 ng/ml



#21 Endrin ketone

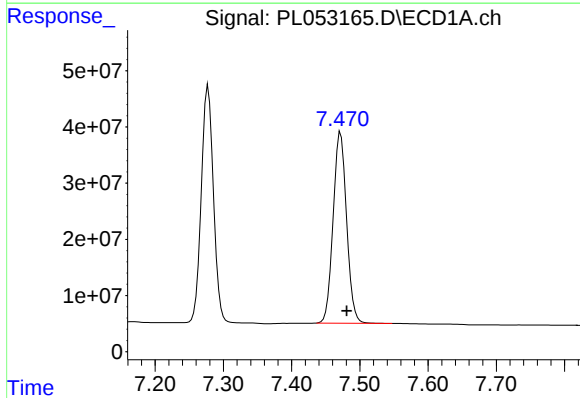
R.T.: 7.278 min
Delta R.T.: -0.007 min
Response: 524134396
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



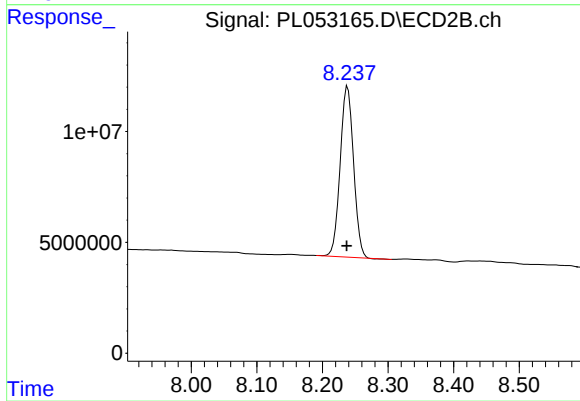
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.003 min
Response: 129256309
Conc: 45.31 ng/ml



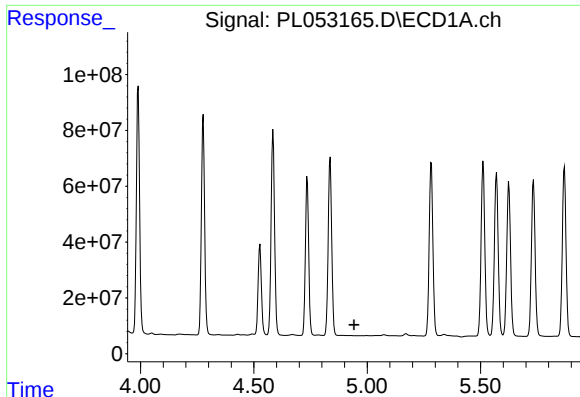
#22 Mirex

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 465786164
Conc: 49.32 ng/ml



#22 Mirex

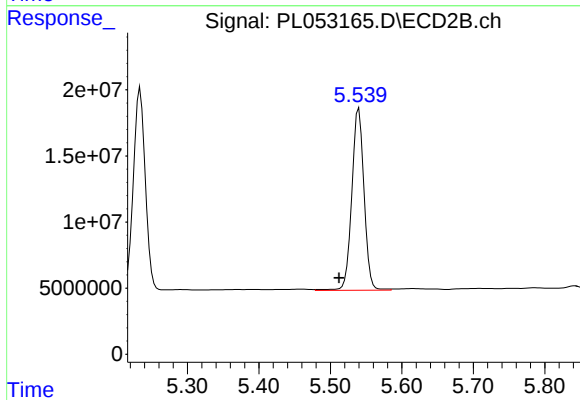
R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 109145751
Conc: 48.53 ng/ml



#24 Chlordane-2

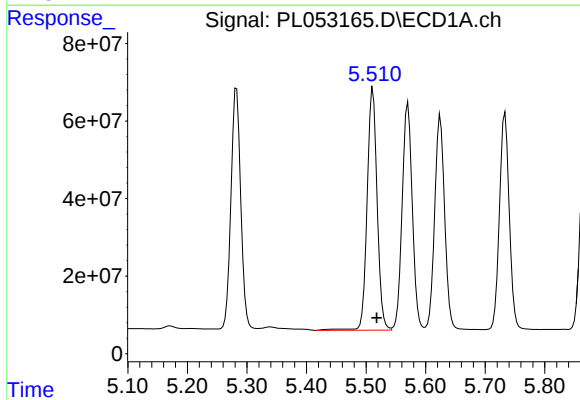
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



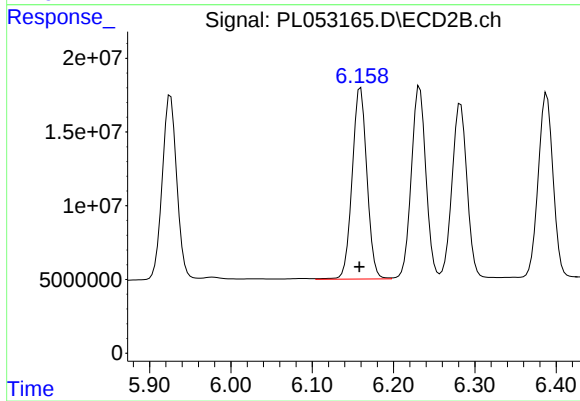
#24 Chlordane-2

R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 164247630
Conc: 1467.51 ng/ml



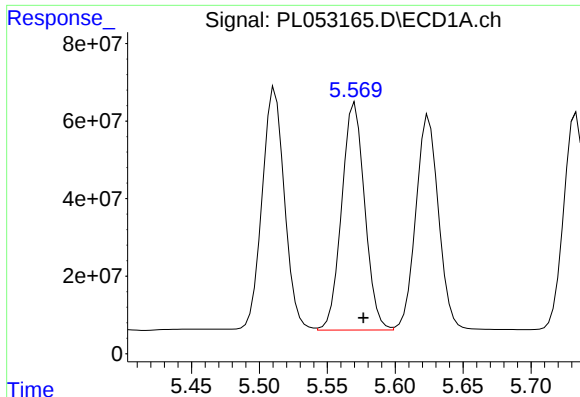
#25 Chlordane-3

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 728252079
Conc: 628.51 ng/ml



#25 Chlordane-3

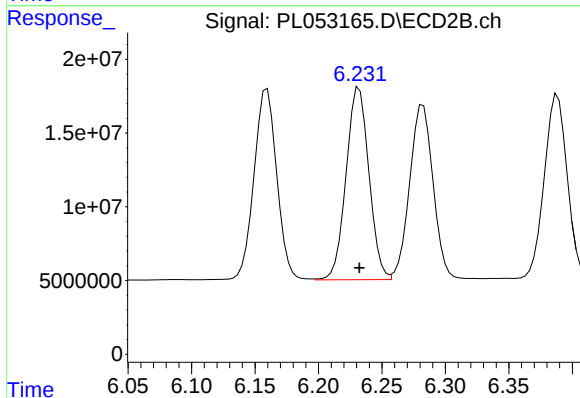
R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 163159963
Conc: 374.64 ng/ml



#26 Chlordane-4

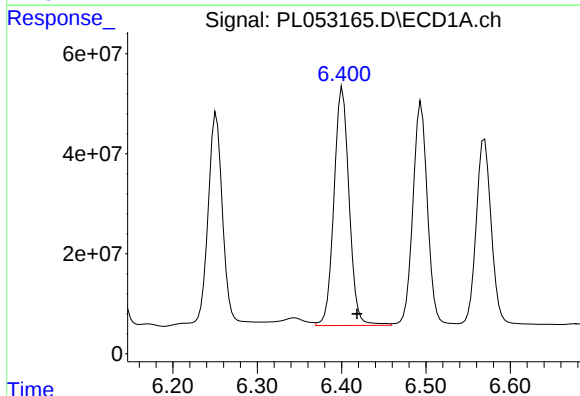
R.T.: 5.570 min
Delta R.T.: -0.006 min
Response: 693641749
Conc: 726.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



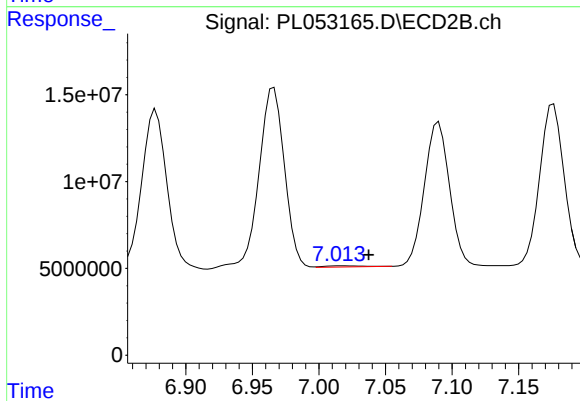
#26 Chlordane-4

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 163111880
Conc: 307.18 ng/ml



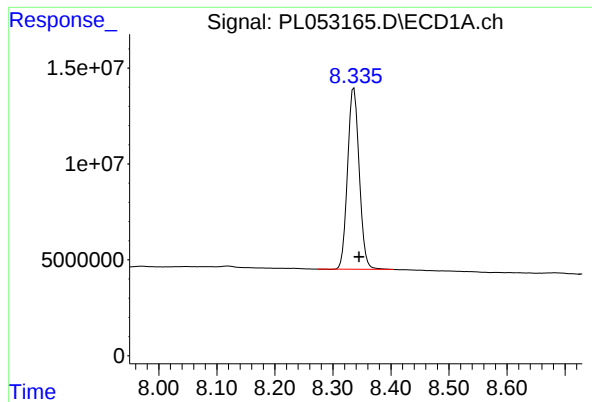
#27 Chlordane-5

R.T.: 6.401 min
Delta R.T.: -0.017 min
Response: 596012436
Conc: 1511.06 ng/ml



#27 Chlordane-5

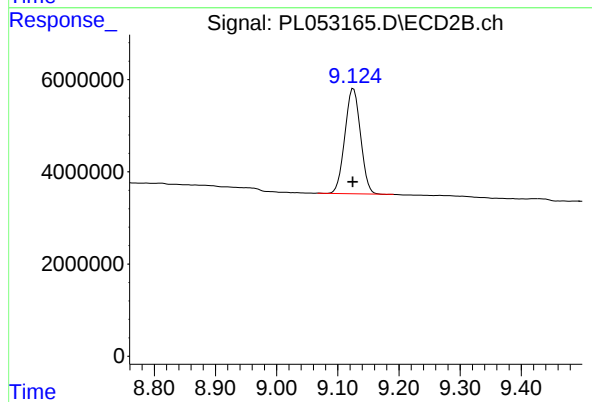
R.T.: 7.016 min
Delta R.T.: -0.021 min
Response: 1390446
Conc: 15.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.336 min
Delta R.T.: -0.009 min
Response: 131595814
Conc: 13.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.001 min
Response: 40532763
Conc: 13.82 ng/ml