

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081018\
 Data File : PL039100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2018 15:50
 Operator : AJ\SJ
 Sample : PB111933BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

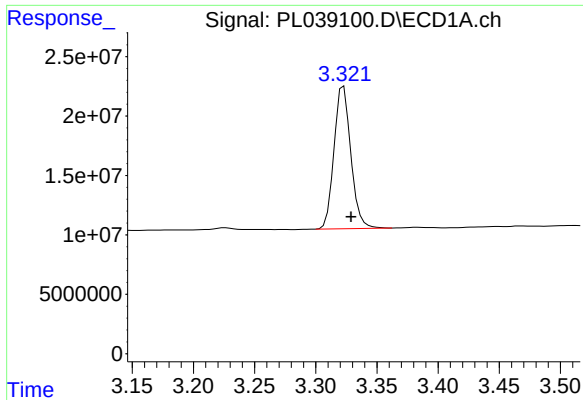
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 22:54:03 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 14 00:12:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.323	3.926	114.5E6	45414488	15.378	17.301
2)	SA Decachlor...	7.988	8.933	107.1E6	43195173	14.123	17.671 #
Target Compounds							
2)	A alpha-BHC	3.752	4.305	501.0E6	187.7E6	42.404	48.510
3)	MA gamma-BHC...	4.028	4.585	414.1E6	168.9E6	39.503	46.753
4)	MA Heptachlor	4.310	5.095	460.0E6	165.7E6	43.241	51.843
5)	MB Aldrin	4.549	5.397	451.2E6	157.7E6	43.106	51.093
6)	B beta-BHC	4.282	4.747	202.2E6	76914799	42.845	50.706
7)	B delta-BHC	4.476	4.961	476.1E6	170.1E6	43.860	51.276
8)	B Heptachlo...	4.986	5.777	393.3E6	147.0E6	41.715	51.711
9)	A Endosulfan I	5.316	6.129	393.5E6	129.2E6	45.496	50.253
10)	B gamma-Chl...	5.207	6.009	439.5E6	144.6E6	44.465	49.867
11)	B alpha-Chl...	5.264	6.083	424.2E6	142.7E6	44.817	49.792
12)	B 4,4'-DDE	5.433	6.239	411.2E6	137.0E6	42.888	51.229
13)	MA Dieldrin	5.556	6.383	426.2E6	136.9E6	44.348	50.288
14)	MA Endrin	5.809	6.597	378.0E6	114.2E6	43.507	47.834
15)	B Endosulfa...	6.084	6.801	324.0E6	112.8E6	40.855	46.973
16)	A 4,4'-DDD	5.944	6.720	353.7E6	99278742	48.222	46.383
17)	MA 4,4'-DDT	6.178	7.019	324.8E6	95651024	43.728	44.864
18)	B Endrin al...	6.252	6.924	295.1E6	96347570	46.345	49.374
19)	B Endosulfa...	6.463	7.146	349.1E6	105.4E6	46.212	48.353
20)	A Methoxychlor	6.727	7.476	171.5E6	54242343	44.576	47.637
21)	B Endrin ke...	6.946	7.610	350.7E6	109.4E6	44.704	45.881
23)	Chlordane-1	4.236	4.961	17284900	170.1E6	49.920	1467.497 #
24)	Chlordane-2	0.000	5.397	0	157.7E6	N.D.	1316.774 #
25)	Chlordane-3	5.207	6.009	439.5E6	144.6E6	377.786	354.438
26)	Chlordane-4	5.264	6.083	424.2E6	142.7E6	403.499	290.478 #
27)	Chlordane-5	5.944	6.924	353.7E6	96347570	2209.044	1075.554 #

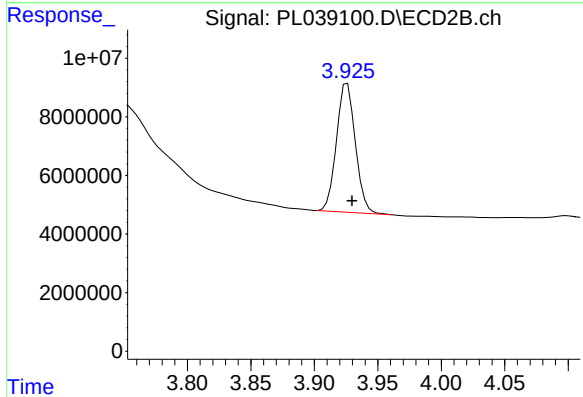
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

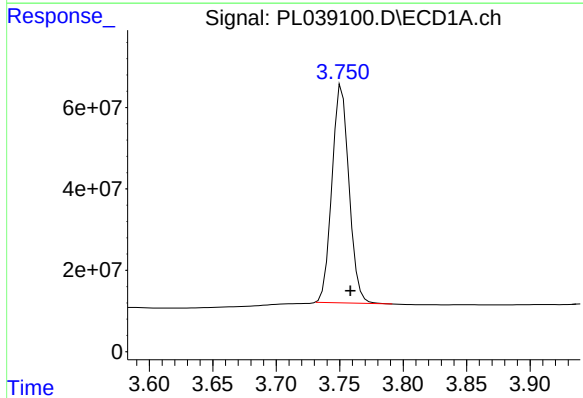
R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 114512729
Conc: 15.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



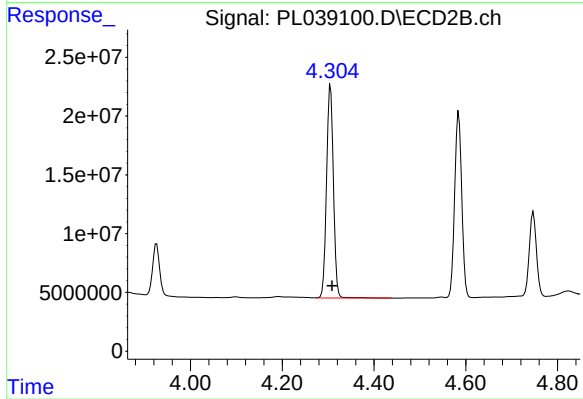
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: -0.004 min
Response: 45414488
Conc: 17.30 ng/ml



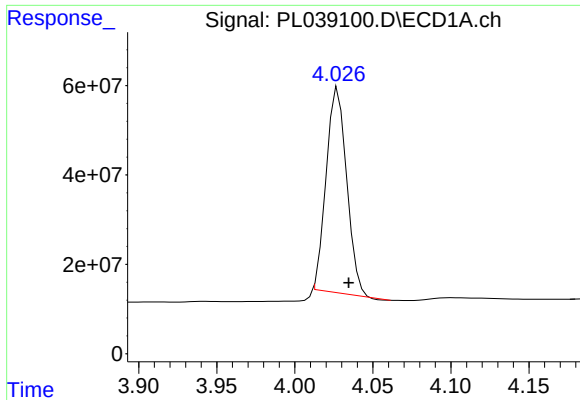
#2 alpha-BHC

R.T.: 3.752 min
Delta R.T.: -0.007 min
Response: 501022127
Conc: 42.40 ng/ml



#2 alpha-BHC

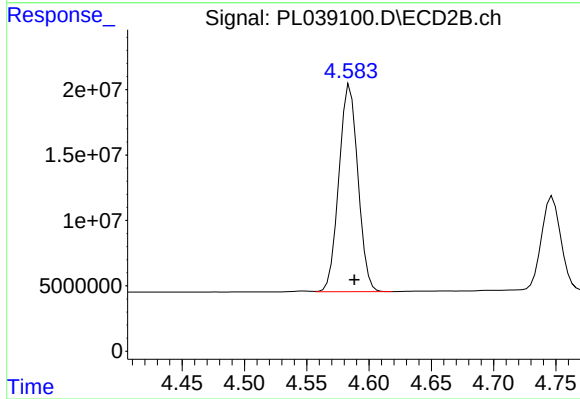
R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 187742154
Conc: 48.51 ng/ml



#3 gamma-BHC (Lindane)

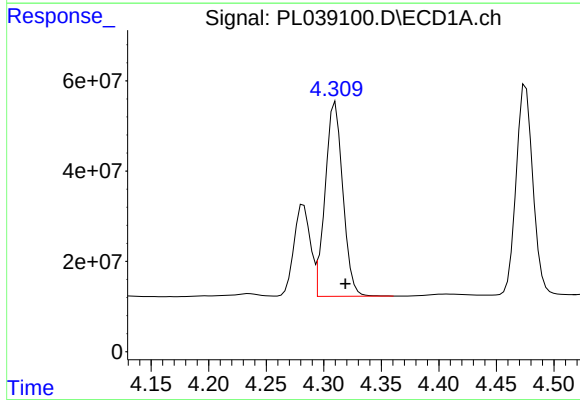
R.T.: 4.028 min
Delta R.T.: -0.007 min
Response: 414142869
Conc: 39.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



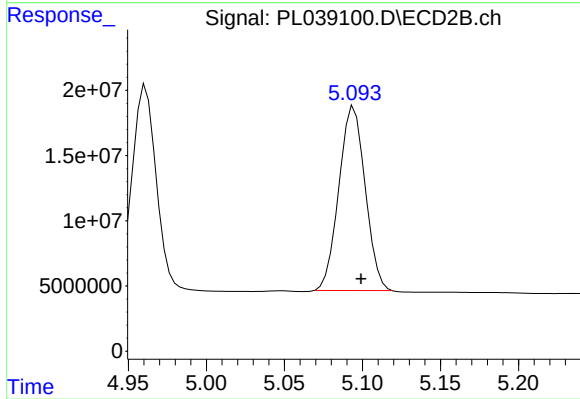
#3 gamma-BHC (Lindane)

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 168861663
Conc: 46.75 ng/ml



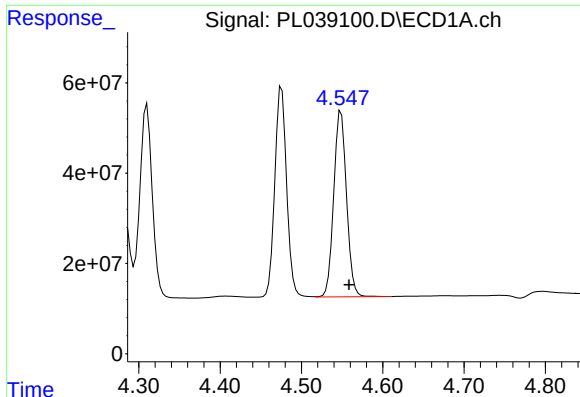
#4 Heptachlor

R.T.: 4.310 min
Delta R.T.: -0.009 min
Response: 459972008
Conc: 43.24 ng/ml



#4 Heptachlor

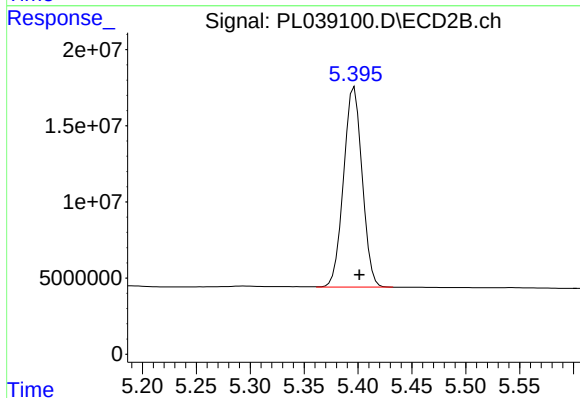
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 165703605
Conc: 51.84 ng/ml



#5 Aldrin

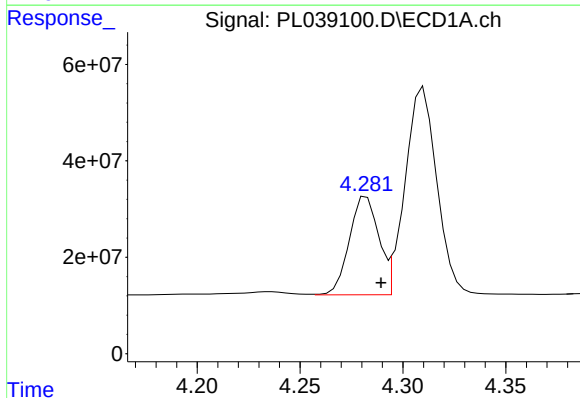
R.T.: 4.549 min
Delta R.T.: -0.010 min
Response: 451200722
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



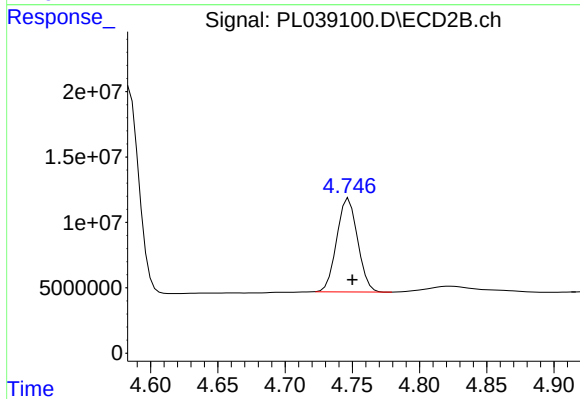
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 157683811
Conc: 51.09 ng/ml



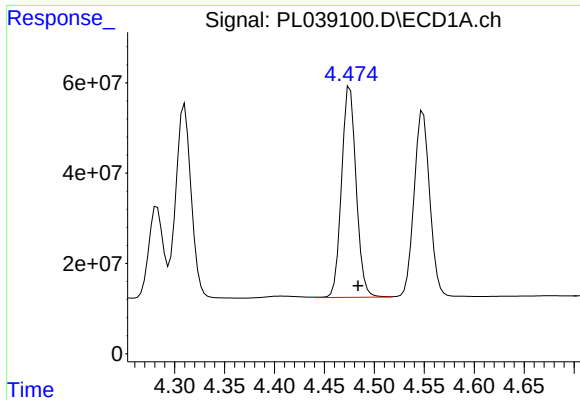
#6 beta-BHC

R.T.: 4.282 min
Delta R.T.: -0.007 min
Response: 202244167
Conc: 42.85 ng/ml



#6 beta-BHC

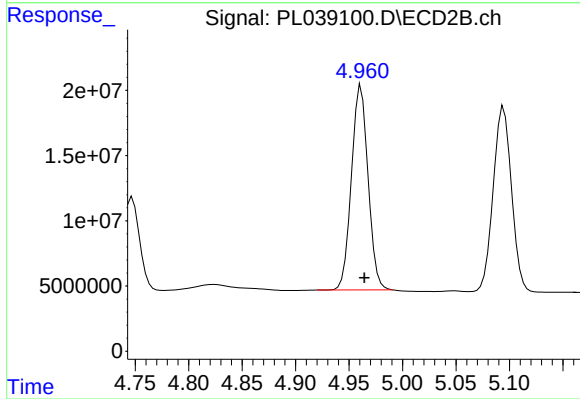
R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 76914799
Conc: 50.71 ng/ml



#7 delta-BHC

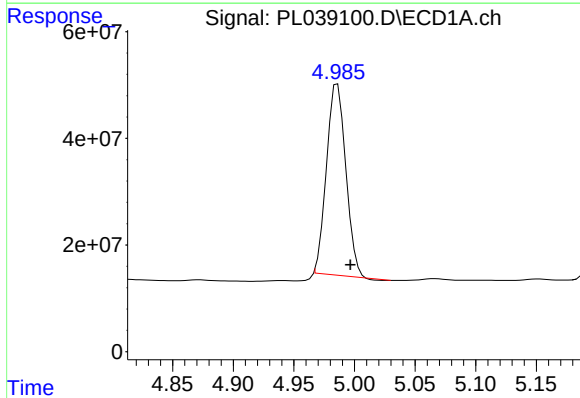
R.T.: 4.476 min
Delta R.T.: -0.008 min
Response: 476062815
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



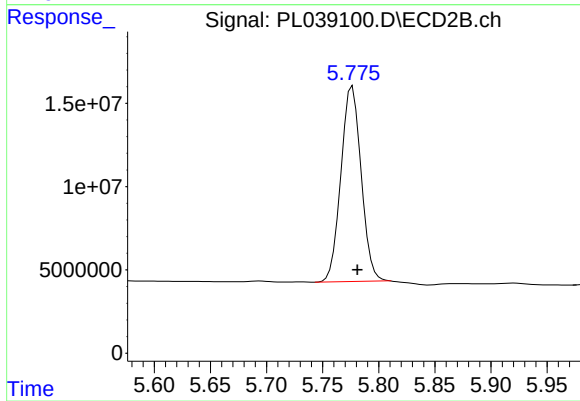
#7 delta-BHC

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 170060837
Conc: 51.28 ng/ml



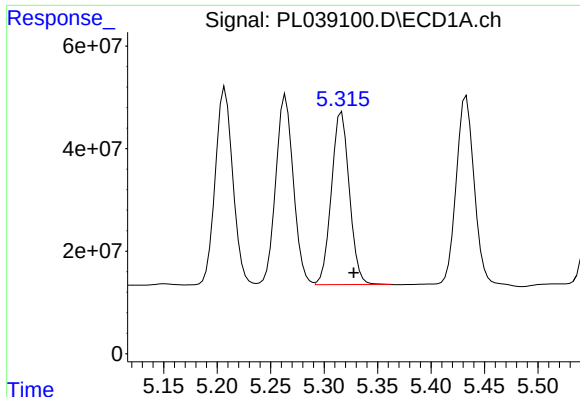
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: -0.011 min
Response: 393310457
Conc: 41.72 ng/ml



#8 Heptachlor epoxide

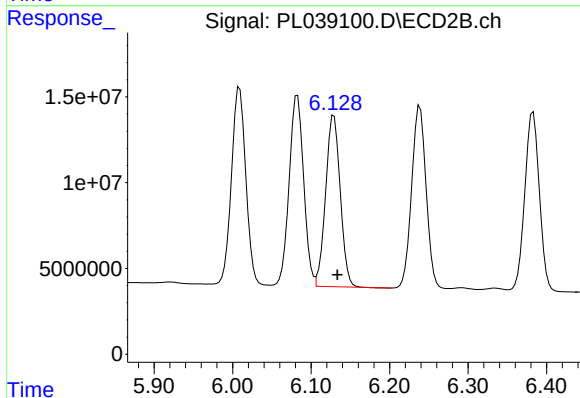
R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 146958348
Conc: 51.71 ng/ml



#9 Endosulfan I

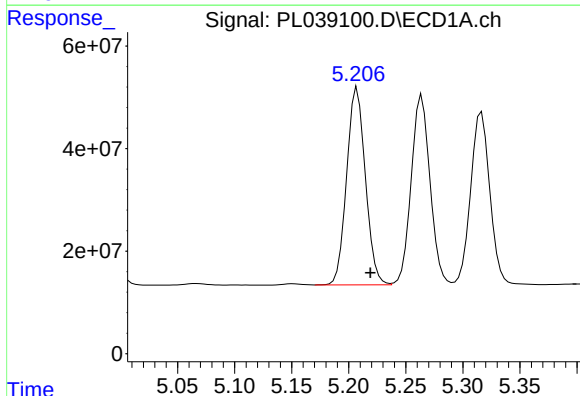
R.T.: 5.316 min
Delta R.T.: -0.011 min
Response: 393522596
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



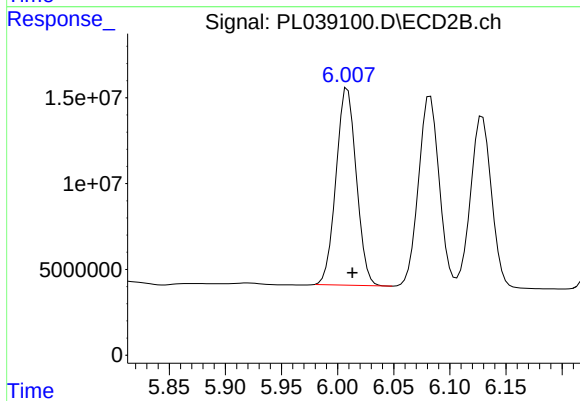
#9 Endosulfan I

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 129239284
Conc: 50.25 ng/ml



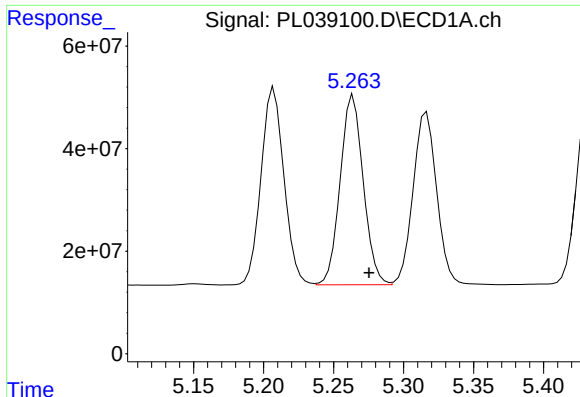
#10 gamma-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.012 min
Response: 439489796
Conc: 44.46 ng/ml



#10 gamma-Chlordane

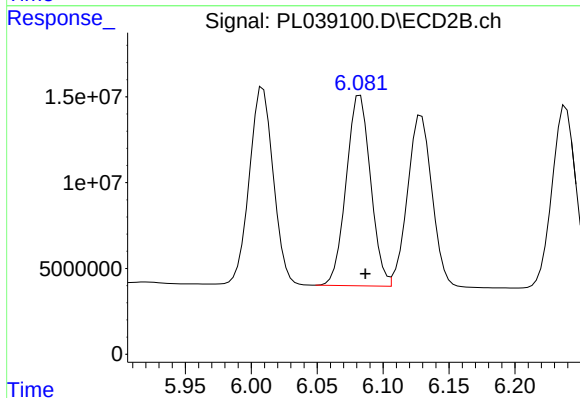
R.T.: 6.009 min
Delta R.T.: -0.004 min
Response: 144575272
Conc: 49.87 ng/ml



#11 alpha-Chlordane

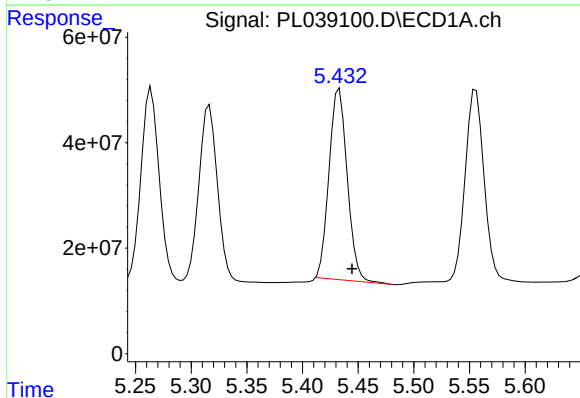
R.T.: 5.264 min
Delta R.T.: -0.011 min
Response: 424231320
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



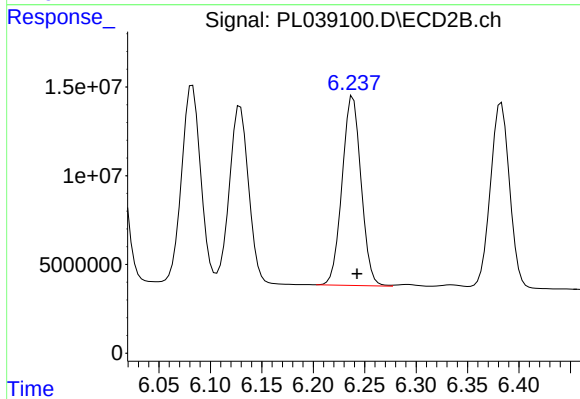
#11 alpha-Chlordane

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 142715723
Conc: 49.79 ng/ml



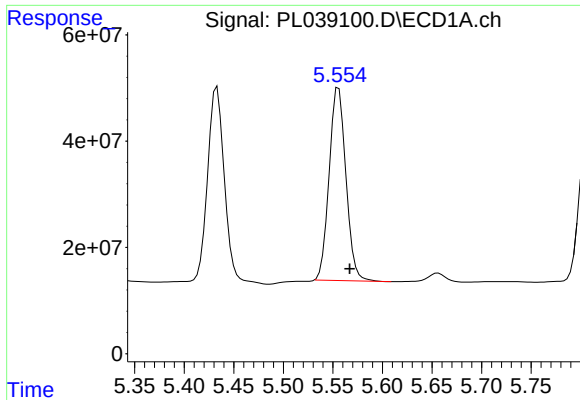
#12 4,4'-DDE

R.T.: 5.433 min
Delta R.T.: -0.011 min
Response: 411205156
Conc: 42.89 ng/ml



#12 4,4'-DDE

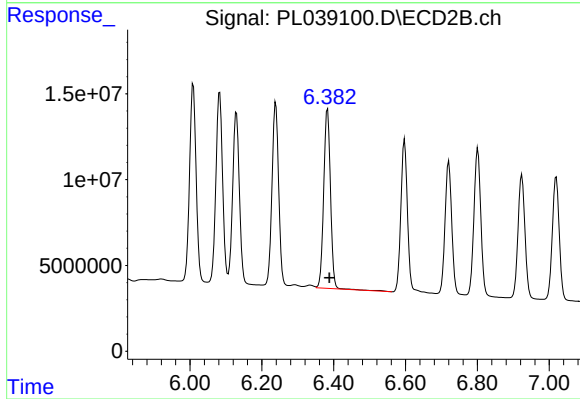
R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 136990758
Conc: 51.23 ng/ml



#13 Dieldrin

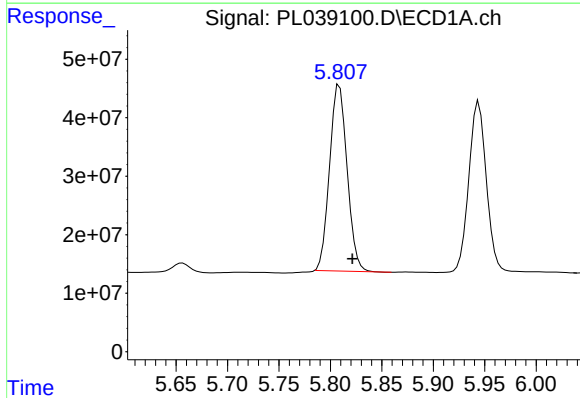
R.T.: 5.556 min
Delta R.T.: -0.011 min
Response: 426192451
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



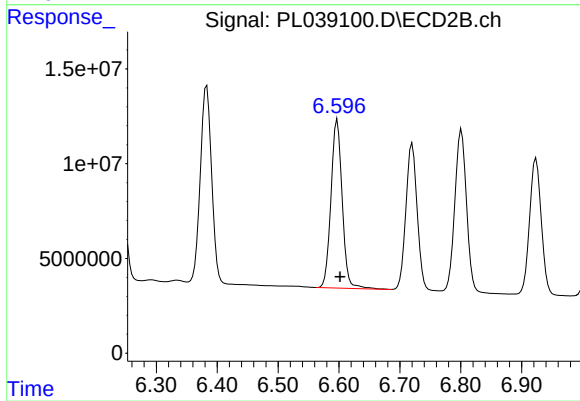
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 136871889
Conc: 50.29 ng/ml



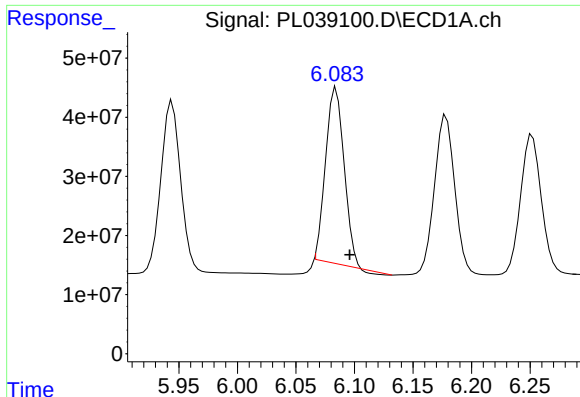
#14 Endrin

R.T.: 5.809 min
Delta R.T.: -0.012 min
Response: 378002976
Conc: 43.51 ng/ml



#14 Endrin

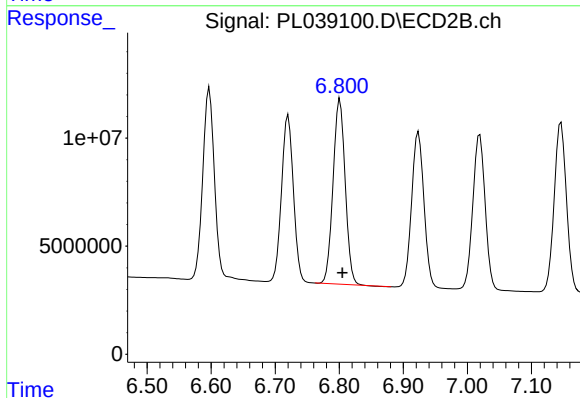
R.T.: 6.597 min
Delta R.T.: -0.005 min
Response: 114233407
Conc: 47.83 ng/ml



#15 Endosulfan II

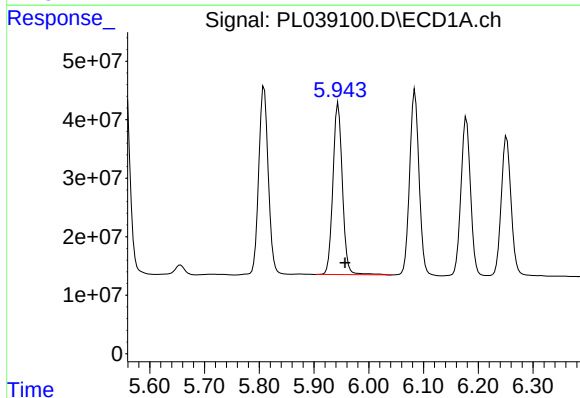
R.T.: 6.084 min
Delta R.T.: -0.012 min
Response: 323981296
Conc: 40.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



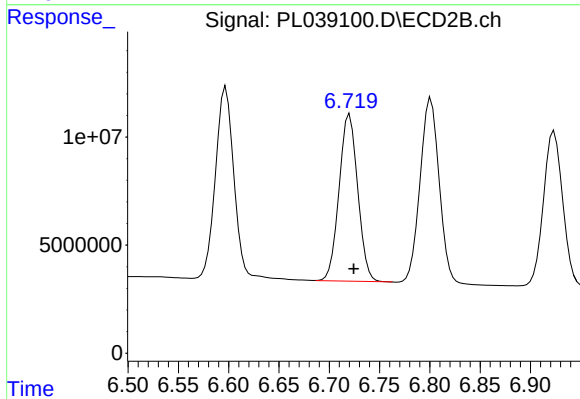
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 112801145
Conc: 46.97 ng/ml



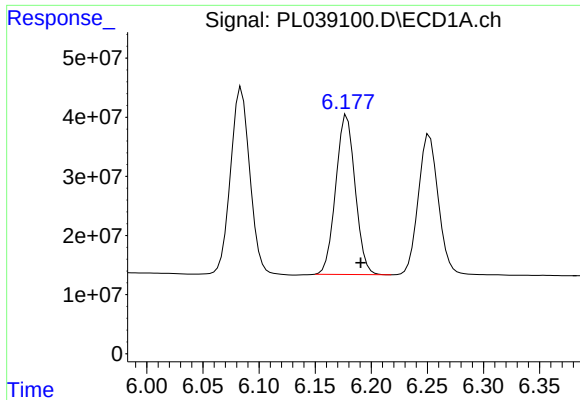
#16 4,4'-DDD

R.T.: 5.944 min
Delta R.T.: -0.012 min
Response: 353741197
Conc: 48.22 ng/ml



#16 4,4'-DDD

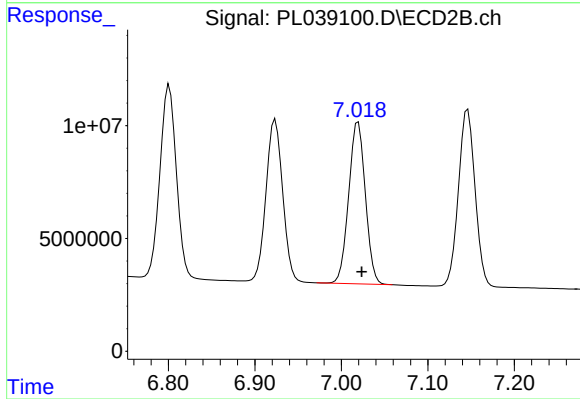
R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 99278742
Conc: 46.38 ng/ml



#17 4,4'-DDT

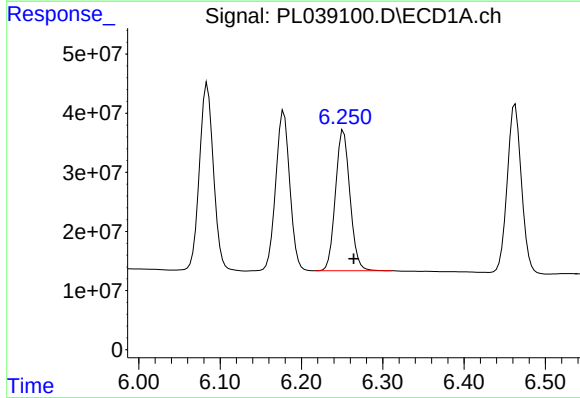
R.T.: 6.178 min
Delta R.T.: -0.012 min
Response: 324843505
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



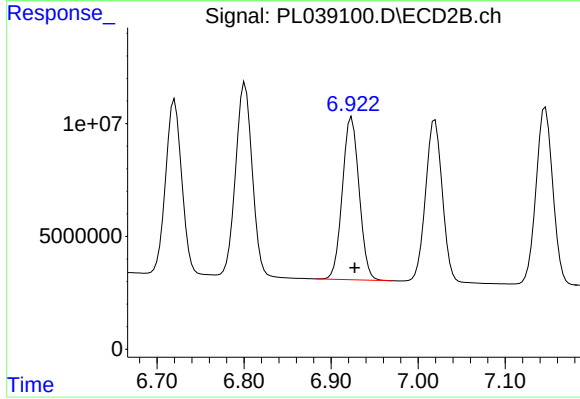
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 95651024
Conc: 44.86 ng/ml



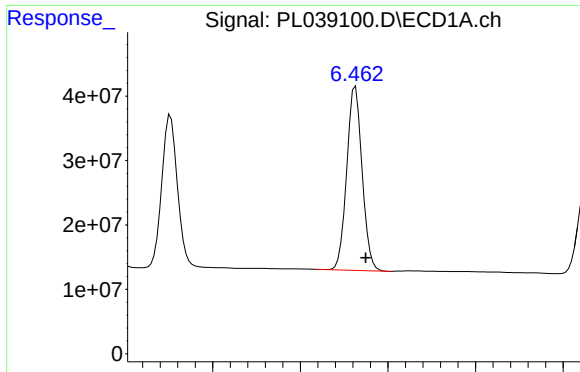
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.012 min
Response: 295106871
Conc: 46.35 ng/ml



#18 Endrin aldehyde

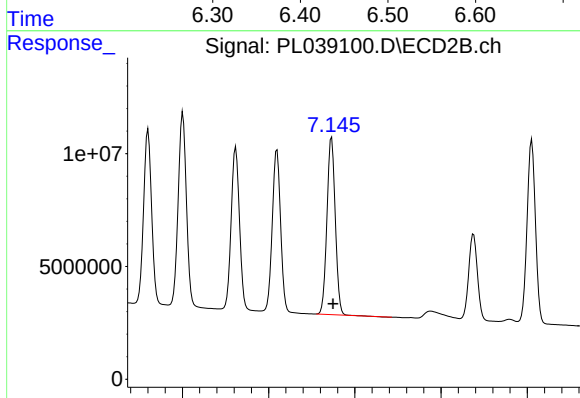
R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 96347570
Conc: 49.37 ng/ml



#19 Endosulfan Sulfate

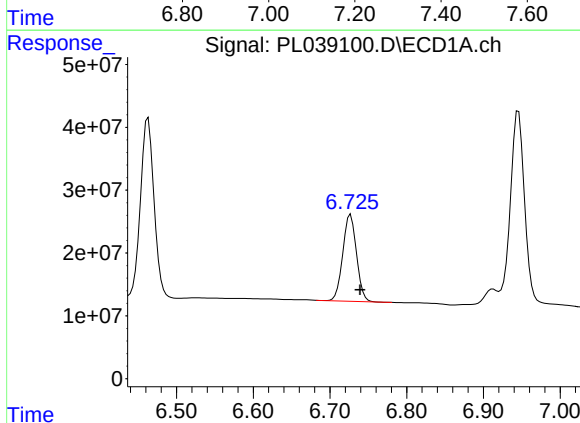
R.T.: 6.463 min
Delta R.T.: -0.012 min
Response: 349056230
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



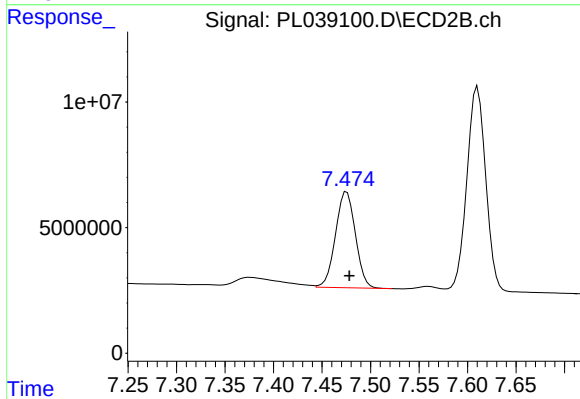
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 105398937
Conc: 48.35 ng/ml



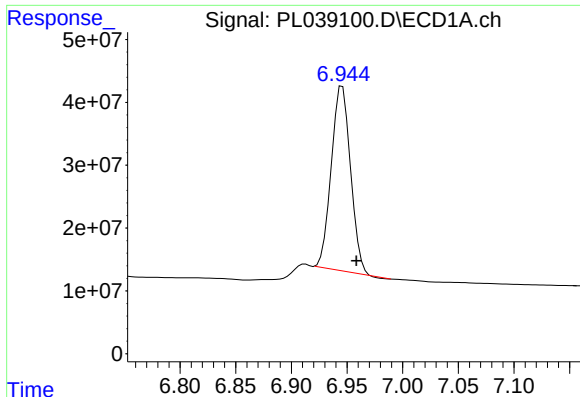
#20 Methoxychlor

R.T.: 6.727 min
Delta R.T.: -0.013 min
Response: 171506970
Conc: 44.58 ng/ml



#20 Methoxychlor

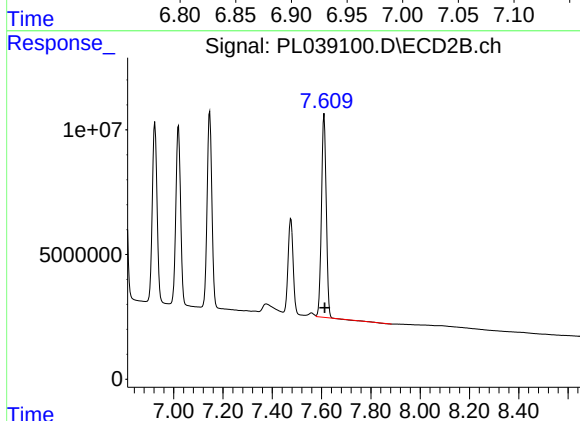
R.T.: 7.476 min
Delta R.T.: -0.003 min
Response: 54242343
Conc: 47.64 ng/ml



#21 Endrin ketone

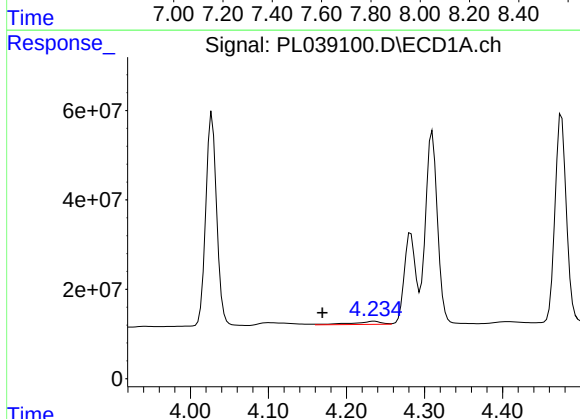
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 350742225
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



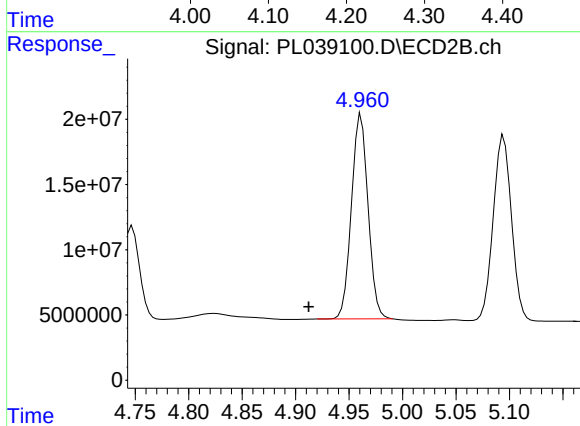
#21 Endrin ketone

R.T.: 7.610 min
Delta R.T.: -0.003 min
Response: 109358071
Conc: 45.88 ng/ml



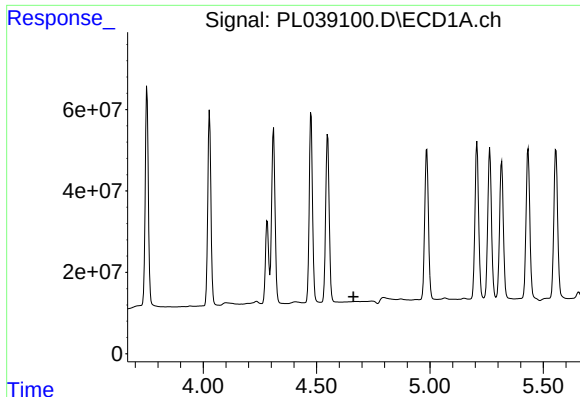
#23 Chlordane-1

R.T.: 4.236 min
Delta R.T.: 0.066 min
Response: 17284900
Conc: 49.92 ng/ml



#23 Chlordane-1

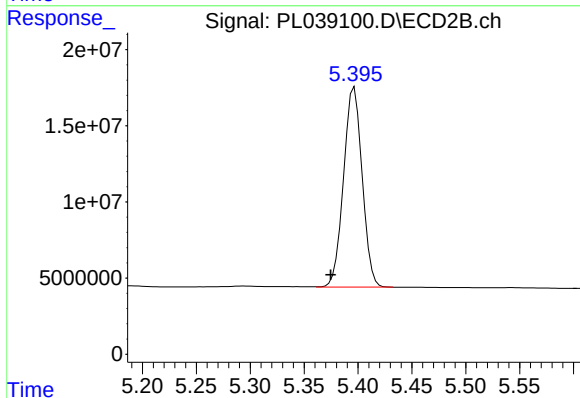
R.T.: 4.961 min
Delta R.T.: 0.049 min
Response: 170060837
Conc: 1467.50 ng/ml



#24 Chlordane-2

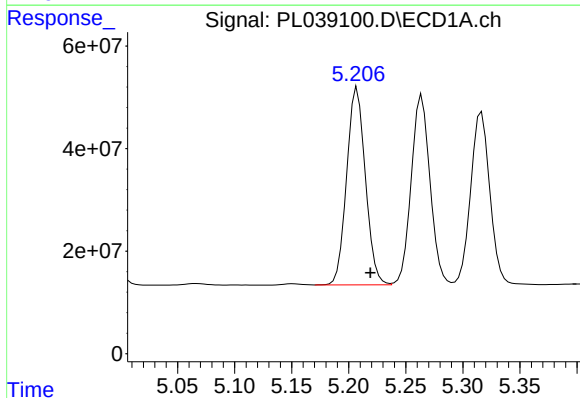
R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



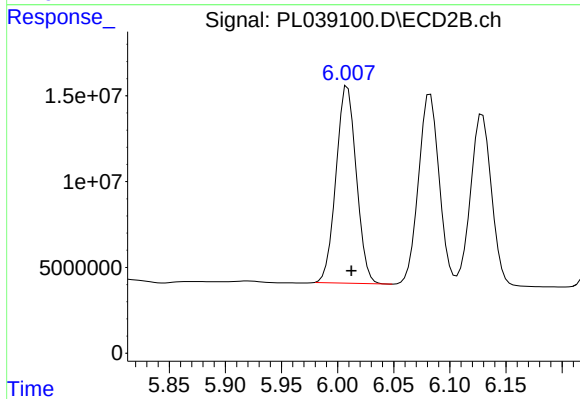
#24 Chlordane-2

R.T.: 5.397 min
Delta R.T.: 0.022 min
Response: 157683811
Conc: 1316.77 ng/ml



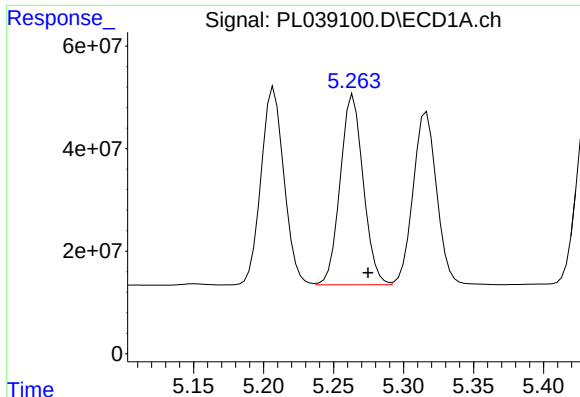
#25 Chlordane-3

R.T.: 5.207 min
Delta R.T.: -0.012 min
Response: 439489796
Conc: 377.79 ng/ml



#25 Chlordane-3

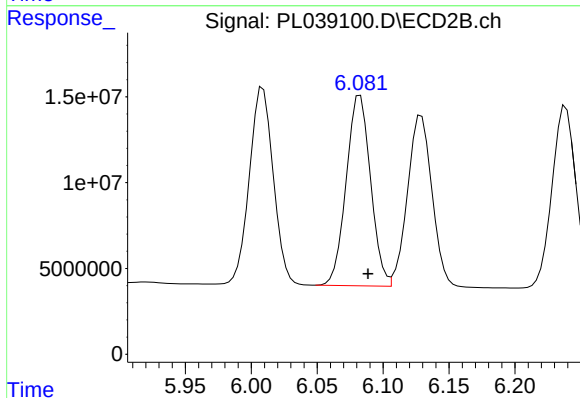
R.T.: 6.009 min
Delta R.T.: -0.003 min
Response: 144575272
Conc: 354.44 ng/ml



#26 Chlordane-4

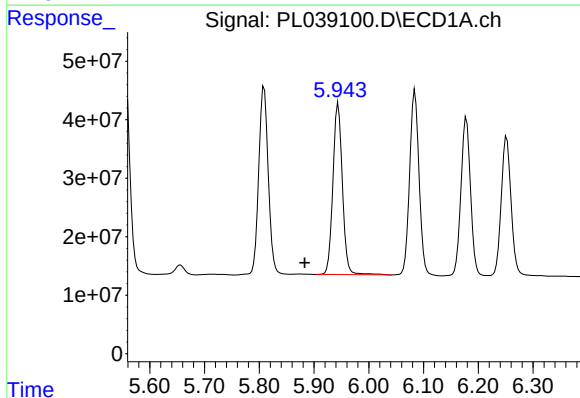
R.T.: 5.264 min
Delta R.T.: -0.011 min
Response: 424231320
Conc: 403.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



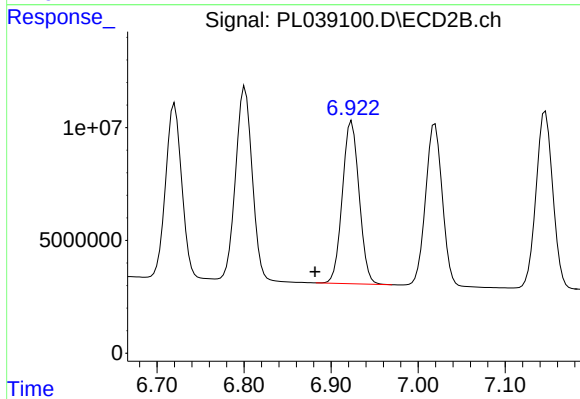
#26 Chlordane-4

R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 142715723
Conc: 290.48 ng/ml



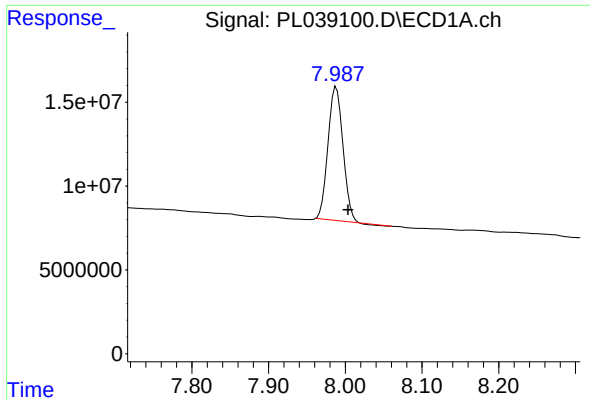
#27 Chlordane-5

R.T.: 5.944 min
Delta R.T.: 0.061 min
Response: 353741197
Conc: 2209.04 ng/ml



#27 Chlordane-5

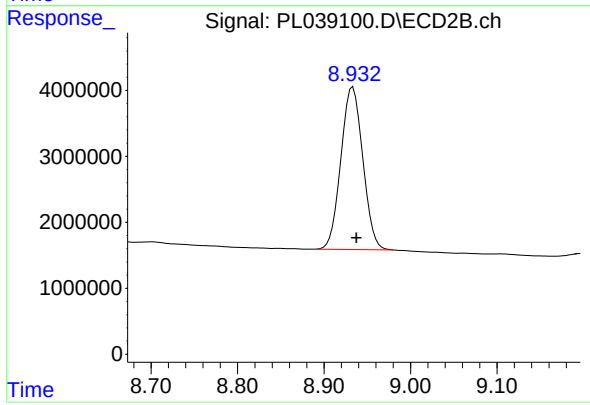
R.T.: 6.924 min
Delta R.T.: 0.042 min
Response: 96347570
Conc: 1075.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.015 min
Response: 107132697
Conc: 14.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.933 min
Delta R.T.: -0.004 min
Response: 43195173
Conc: 17.67 ng/ml