

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080618\
 Data File : PL038954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2018 13:52
 Operator : AJ\SJ
 Sample : SOIL IDOC 04
 Misc : PB111658
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:06:40 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	119.3E6	45893875	16.021	17.484
2)	SA Decachlor...	7.989	8.932	124.2E6	45380965	16.377	18.565
Target Compounds							
2)	A alpha-BHC	3.752	4.305	521.7E6	191.9E6	44.150	49.583
3)	MA gamma-BHC...	4.028	4.585	439.2E6	173.1E6	41.890	47.938
4)	MA Heptachlor	4.311	5.095	483.5E6	171.6E6	45.457	53.695
5)	MB Aldrin	4.549	5.397	472.1E6	161.1E6	45.101	52.204
6)	B beta-BHC	4.282	4.748	212.7E6	79076874	45.065	52.131
7)	B delta-BHC	4.476	4.962	498.5E6	172.8E6	45.927	52.104
8)	B Heptachlo...	4.987	5.777	419.8E6	148.7E6	44.529	52.316
9)	A Endosulfan I	5.317	6.129	415.2E6	129.8E6	47.999	50.481
10)	B gamma-Chl...	5.209	6.009	460.4E6	146.8E6	46.579	50.635
11)	B alpha-Chl...	5.265	6.082	445.3E6	145.9E6	47.042	50.886
12)	B 4,4'-DDE	5.433	6.238	437.1E6	138.4E6	45.589	51.768
13)	MA Dieldrin	5.556	6.383	446.5E6	136.9E6	46.463	50.307
14)	MA Endrin	5.809	6.597	404.9E6	118.3E6	46.600	49.556
15)	B Endosulfa...	6.085	6.801	337.6E6	113.4E6	42.566	47.211
16)	A 4,4'-DDD	5.945	6.721	363.0E6	100.4E6	49.490	46.885
17)	MA 4,4'-DDT	6.178	7.019	353.5E6	103.3E6	47.592	48.461
18)	B Endrin al...	6.252	6.923	307.8E6	98593548	48.334	50.525
19)	B Endosulfa...	6.463	7.146	369.7E6	108.9E6	48.945	49.978
20)	A Methoxychlor	6.726	7.475	188.0E6	59445982	48.872	52.207
21)	B Endrin ke...	6.946	7.610	377.0E6	112.5E6	48.049	47.183
23)	Chlordane-1	4.235	4.962	11580090	172.8E6	33.444	1491.202 #
24)	Chlordane-2	0.000	5.397	0	161.1E6	N.D.	1345.396 #
25)	Chlordane-3	5.209	6.009	460.4E6	146.8E6	395.752	359.897
26)	Chlordane-4	5.265	6.082	445.3E6	145.9E6	423.523	296.859 #
27)	Chlordane-5	5.945	6.923	363.0E6	98593548	2267.096	1100.626 #

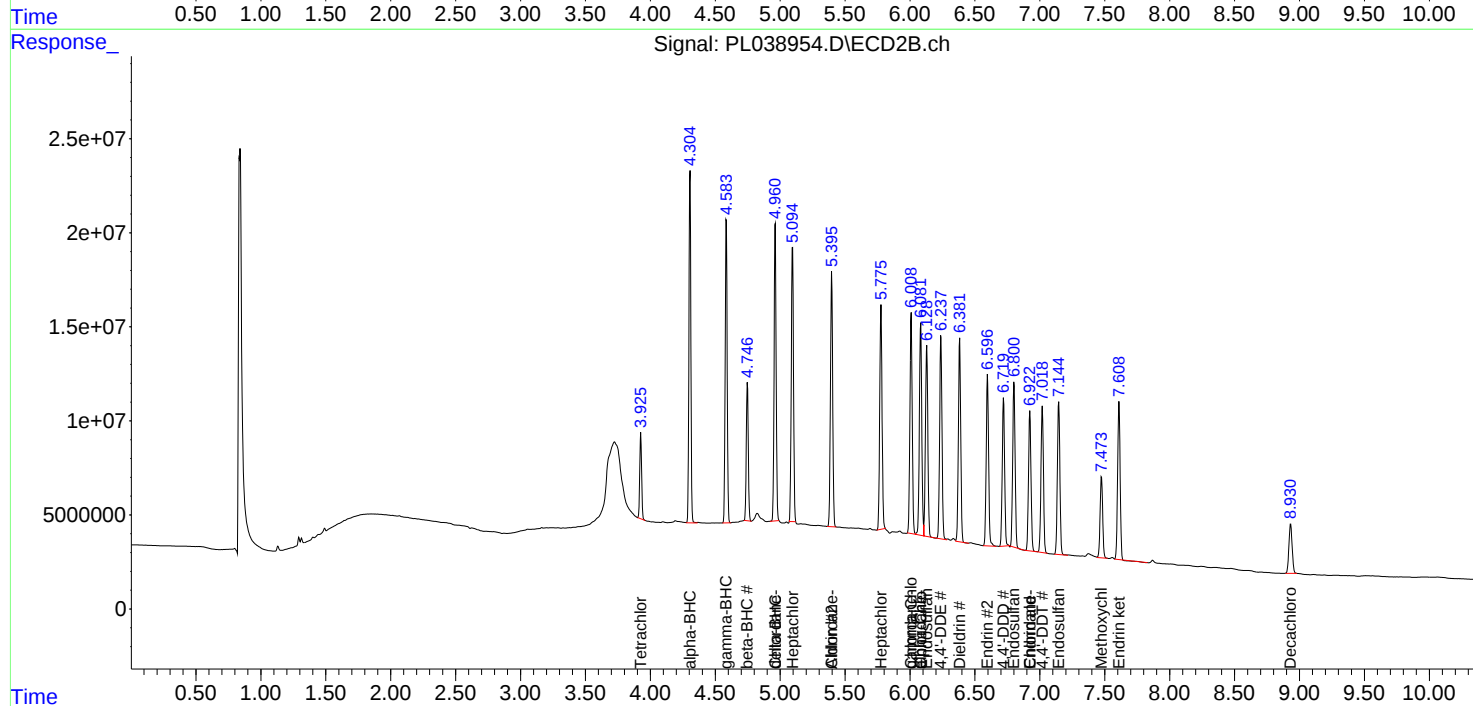
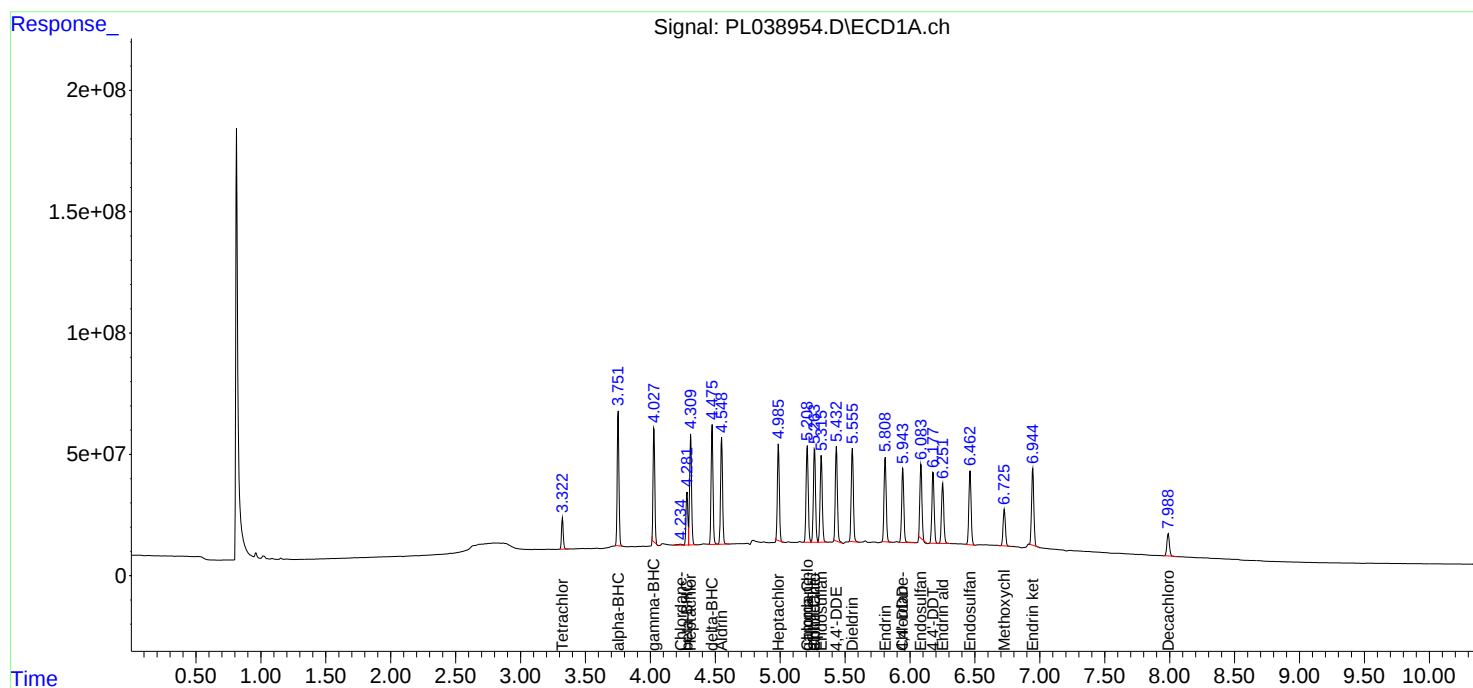
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

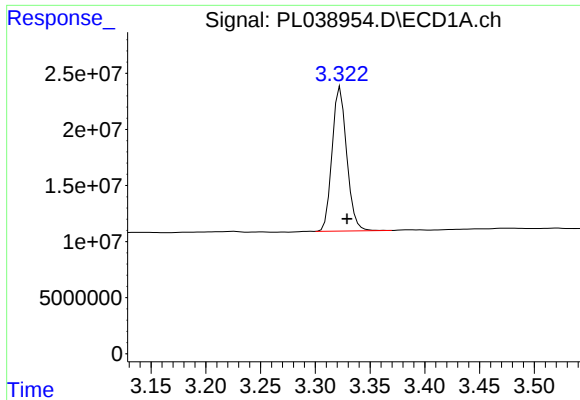
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080618\
Data File : PL038954.D
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

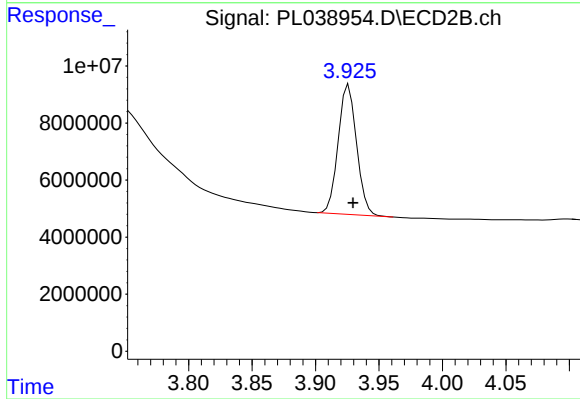




#1 Tetrachloro-m-xylene

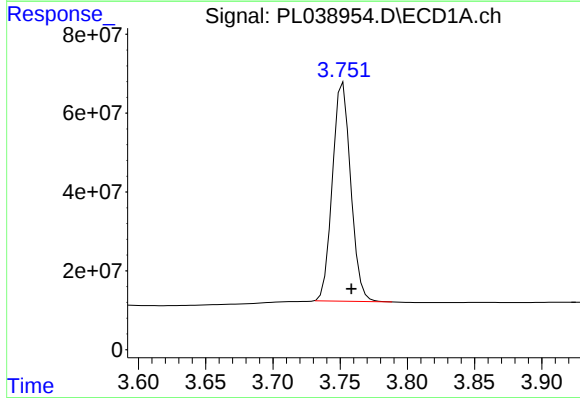
R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 119296784
Conc: 16.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



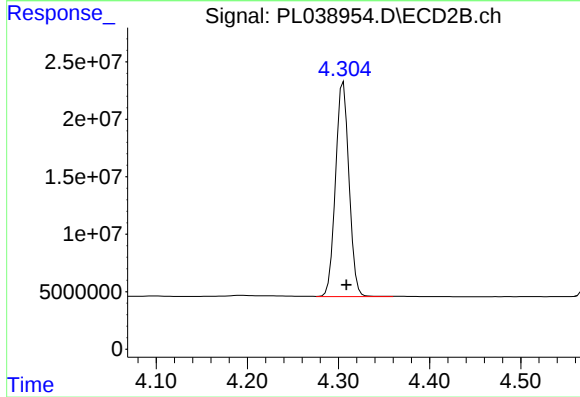
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 45893875
Conc: 17.48 ng/ml



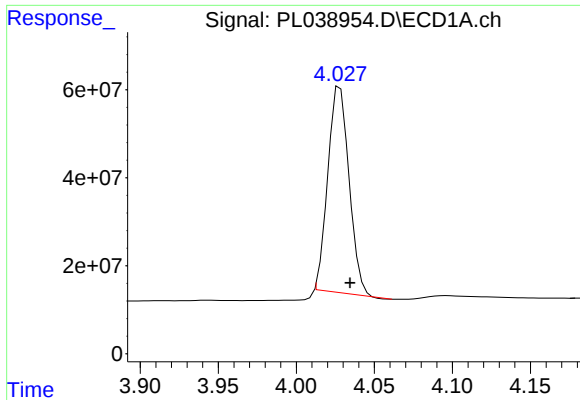
#2 alpha-BHC

R.T.: 3.752 min
Delta R.T.: -0.006 min
Response: 521652427
Conc: 44.15 ng/ml



#2 alpha-BHC

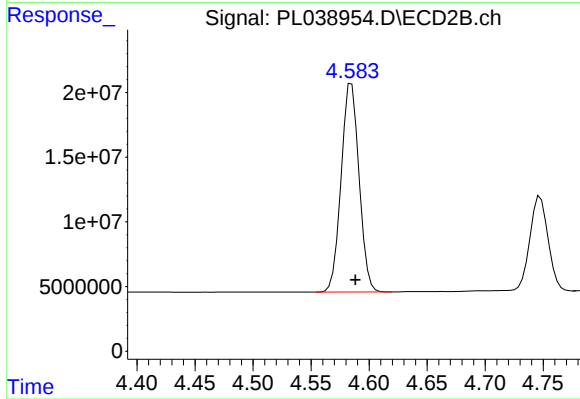
R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 191894910
Conc: 49.58 ng/ml



#3 gamma-BHC (Lindane)

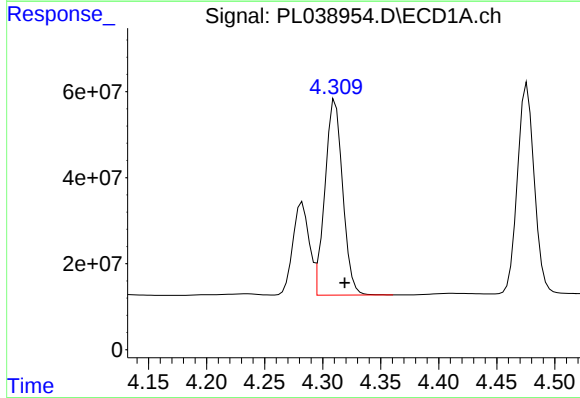
R.T.: 4.028 min
Delta R.T.: -0.006 min
Response: 439168783
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



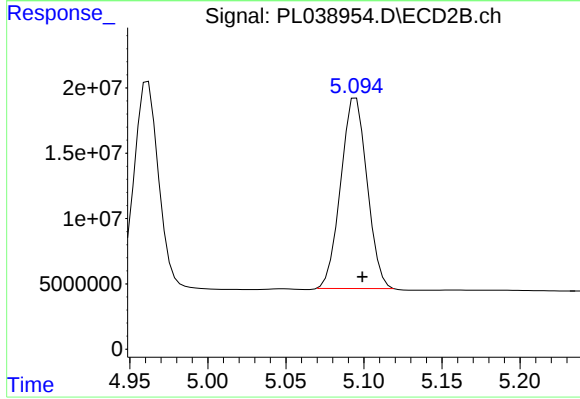
#3 gamma-BHC (Lindane)

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 173143733
Conc: 47.94 ng/ml



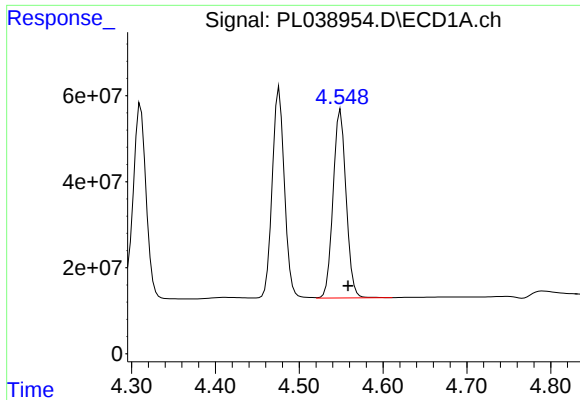
#4 Heptachlor

R.T.: 4.311 min
Delta R.T.: -0.008 min
Response: 483540777
Conc: 45.46 ng/ml



#4 Heptachlor

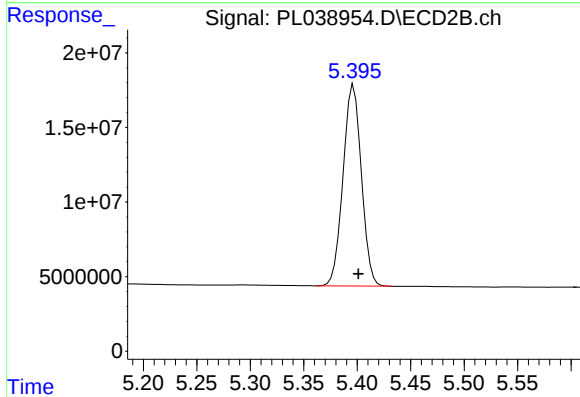
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 171621312
Conc: 53.69 ng/ml



#5 Aldrin

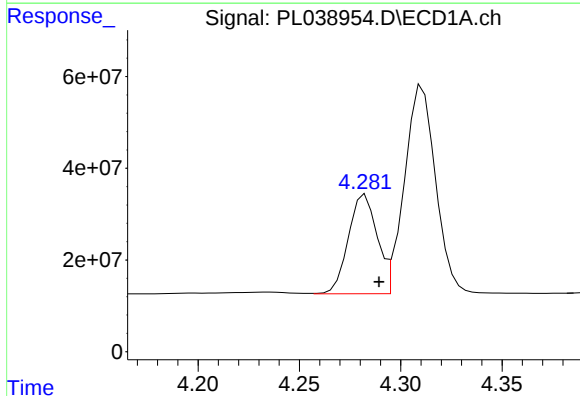
R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 472084730
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



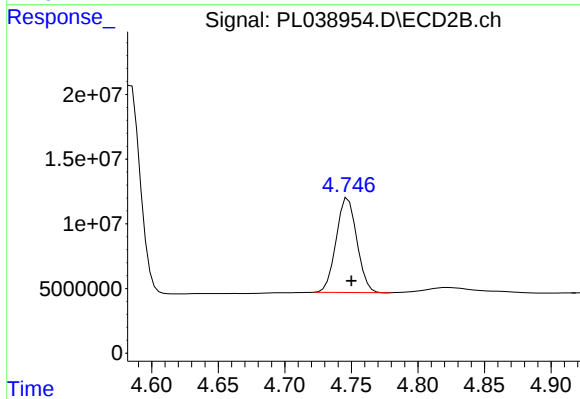
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 161111339
Conc: 52.20 ng/ml



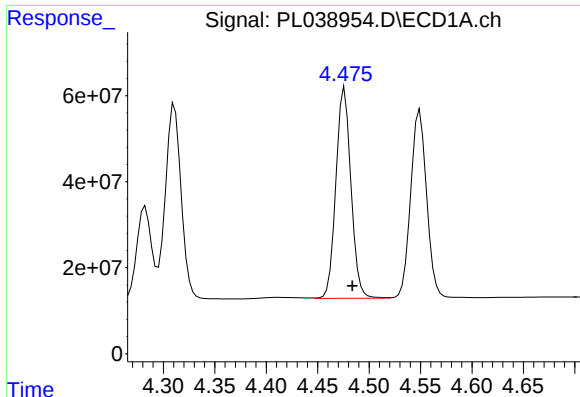
#6 beta-BHC

R.T.: 4.282 min
Delta R.T.: -0.007 min
Response: 212722159
Conc: 45.06 ng/ml



#6 beta-BHC

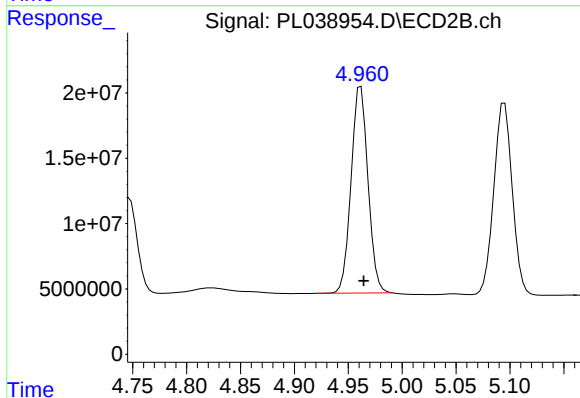
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 79076874
Conc: 52.13 ng/ml



#7 delta-BHC

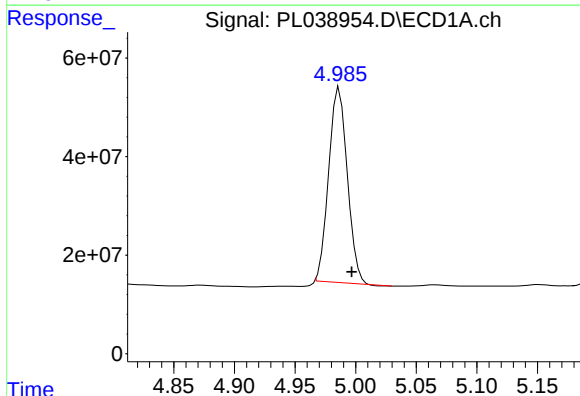
R.T.: 4.476 min
Delta R.T.: -0.007 min
Response: 498501040
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



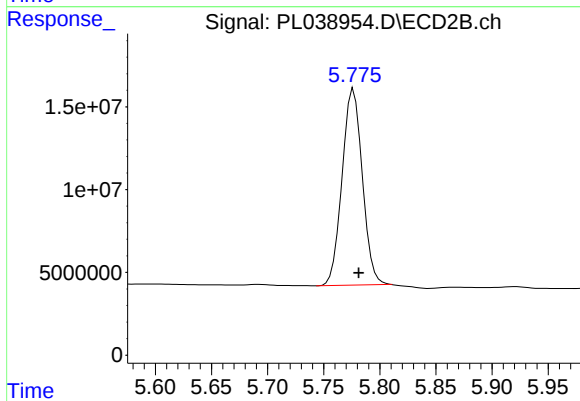
#7 delta-BHC

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 172807926
Conc: 52.10 ng/ml



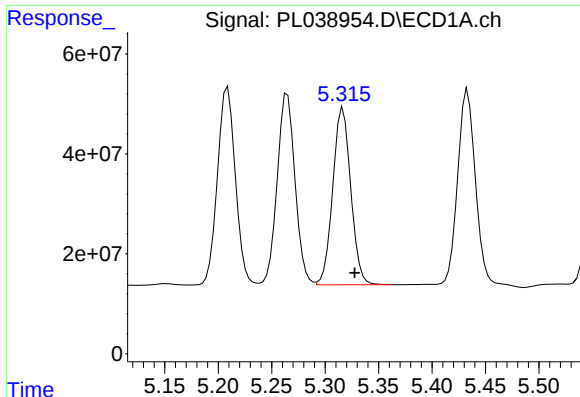
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: -0.010 min
Response: 419841514
Conc: 44.53 ng/ml



#8 Heptachlor epoxide

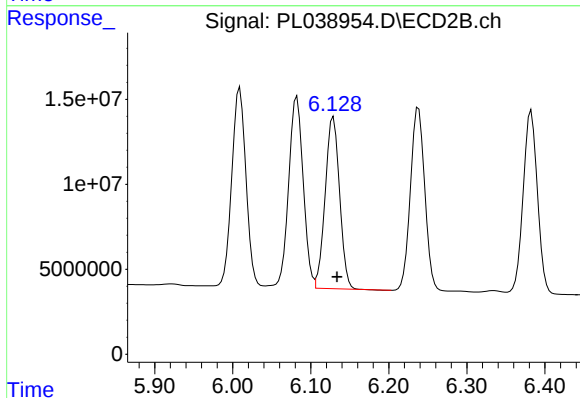
R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 148678409
Conc: 52.32 ng/ml



#9 Endosulfan I

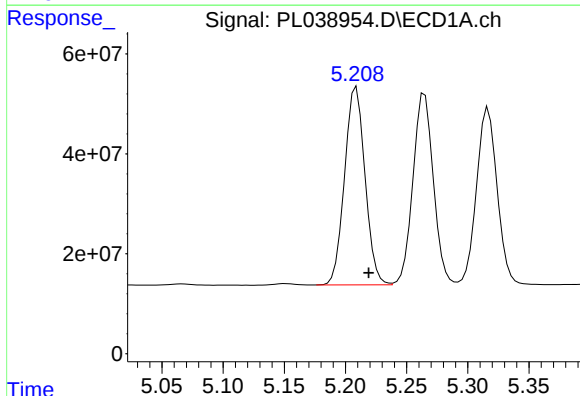
R.T.: 5.317 min
Delta R.T.: -0.011 min
Response: 415176590
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



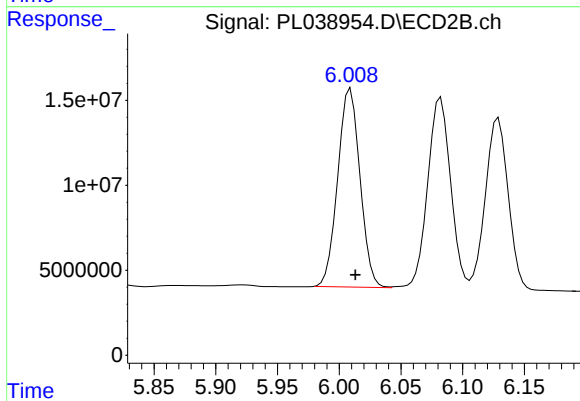
#9 Endosulfan I

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 129826846
Conc: 50.48 ng/ml



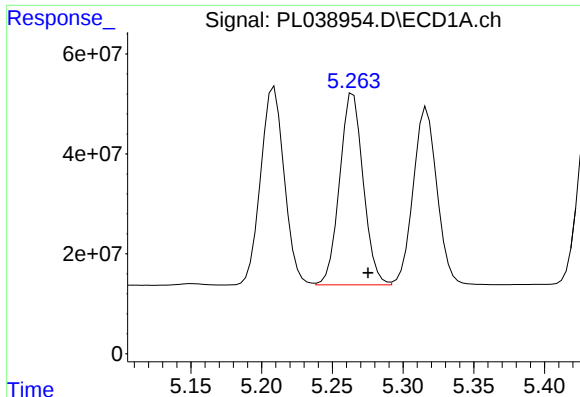
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.010 min
Response: 460390547
Conc: 46.58 ng/ml



#10 gamma-Chlordane

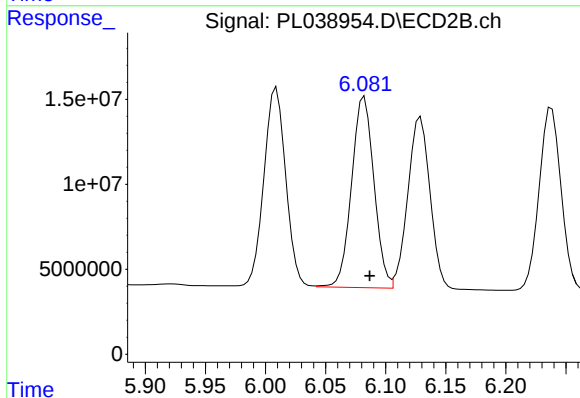
R.T.: 6.009 min
Delta R.T.: -0.004 min
Response: 146801931
Conc: 50.63 ng/ml



#11 alpha-Chlordane

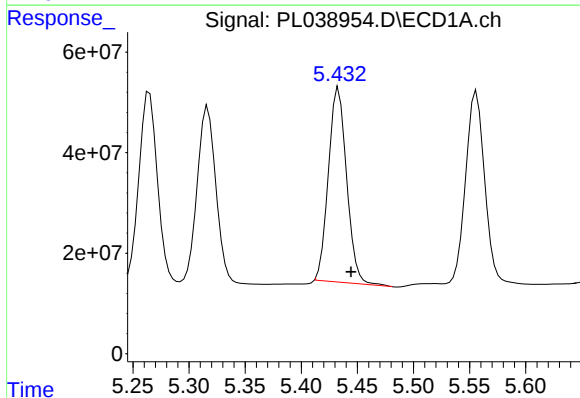
R.T.: 5.265 min
Delta R.T.: -0.011 min
Response: 445284341
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



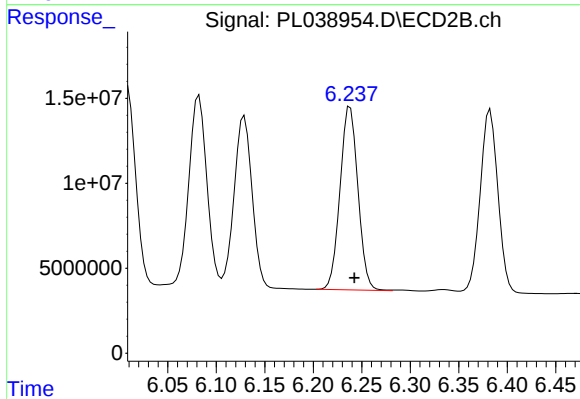
#11 alpha-Chlordane

R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 145851066
Conc: 50.89 ng/ml



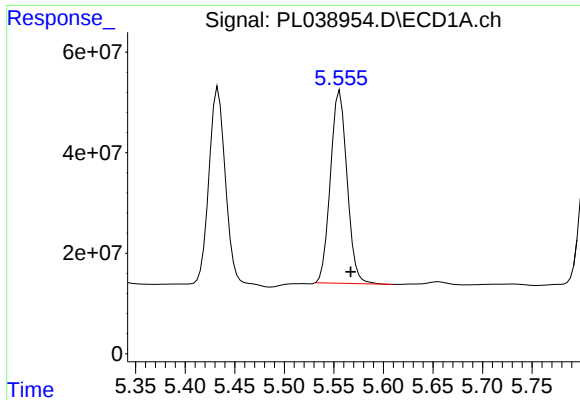
#12 4,4'-DDE

R.T.: 5.433 min
Delta R.T.: -0.011 min
Response: 437096733
Conc: 45.59 ng/ml



#12 4,4'-DDE

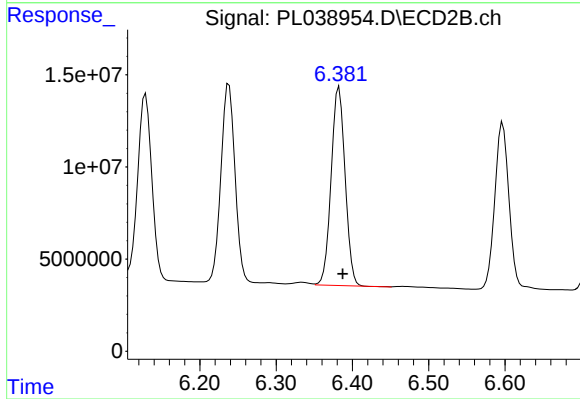
R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 138433048
Conc: 51.77 ng/ml



#13 Dieldrin

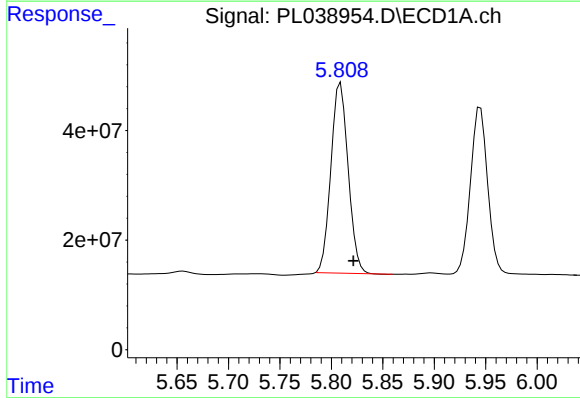
R.T.: 5.556 min
Delta R.T.: -0.011 min
Response: 446515445
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



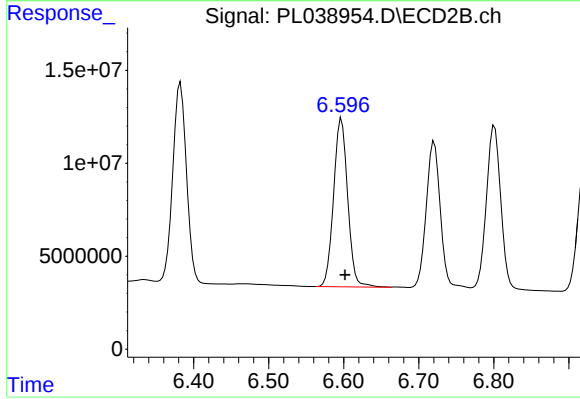
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 136924585
Conc: 50.31 ng/ml



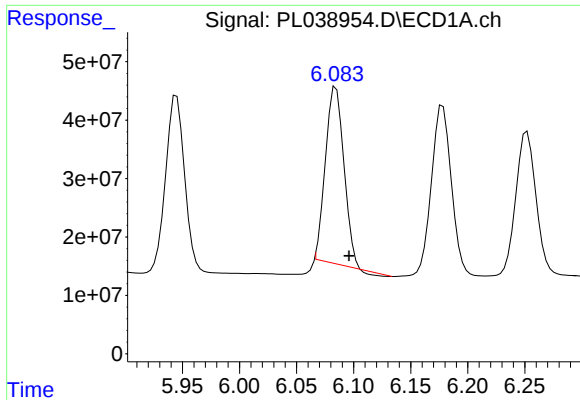
#14 Endrin

R.T.: 5.809 min
Delta R.T.: -0.012 min
Response: 404883328
Conc: 46.60 ng/ml



#14 Endrin

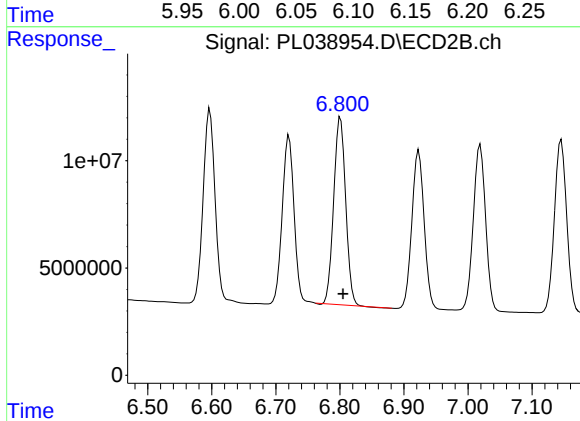
R.T.: 6.597 min
Delta R.T.: -0.005 min
Response: 118347503
Conc: 49.56 ng/ml



#15 Endosulfan II

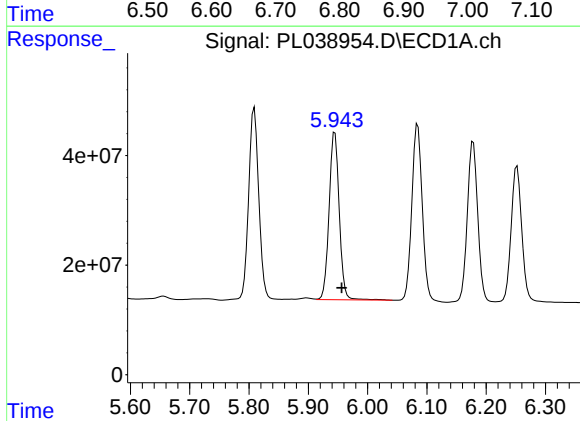
R.T.: 6.085 min
Delta R.T.: -0.012 min
Response: 337551450
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



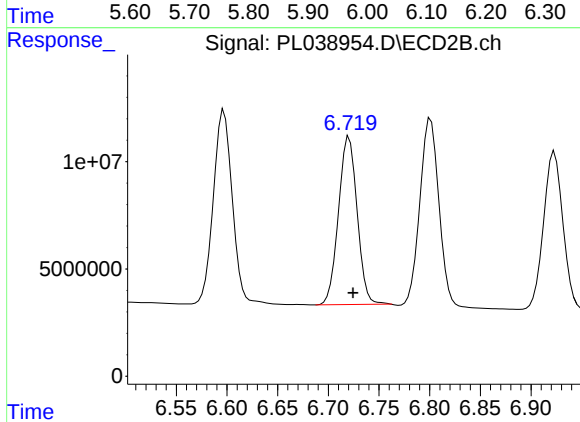
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 113373437
Conc: 47.21 ng/ml



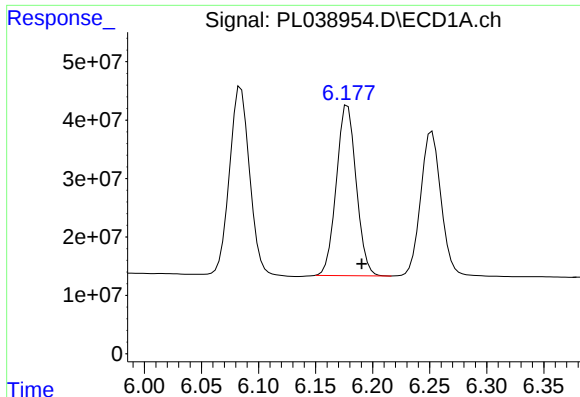
#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.012 min
Response: 363037264
Conc: 49.49 ng/ml



#16 4,4'-DDD

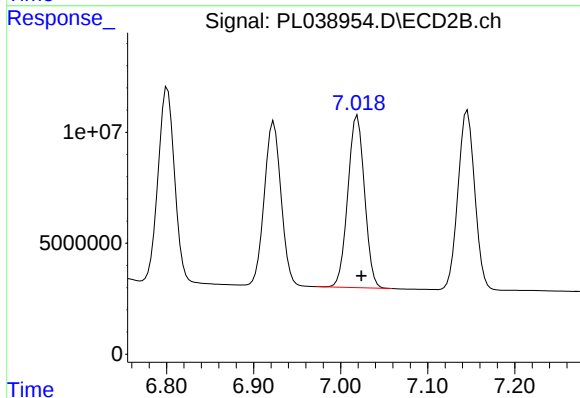
R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 100353093
Conc: 46.88 ng/ml



#17 4,4'-DDT

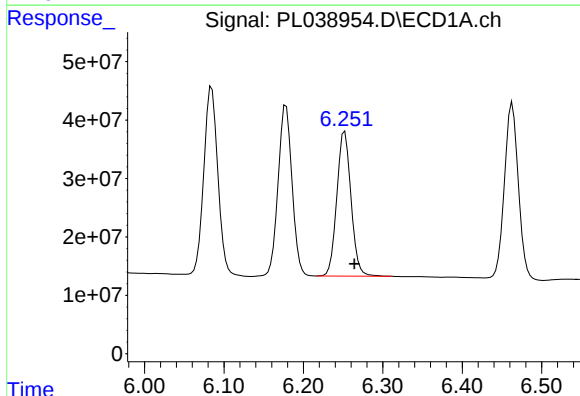
R.T.: 6.178 min
Delta R.T.: -0.012 min
Response: 353544442
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



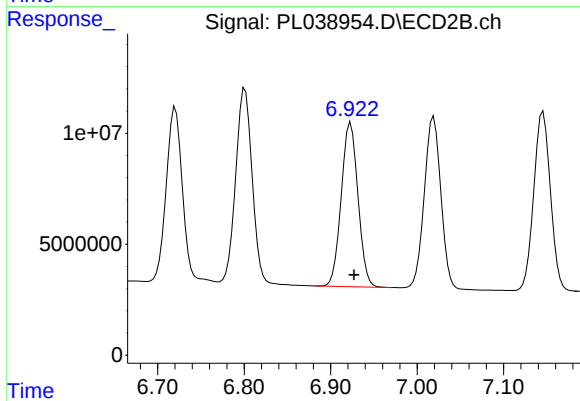
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 103319702
Conc: 48.46 ng/ml



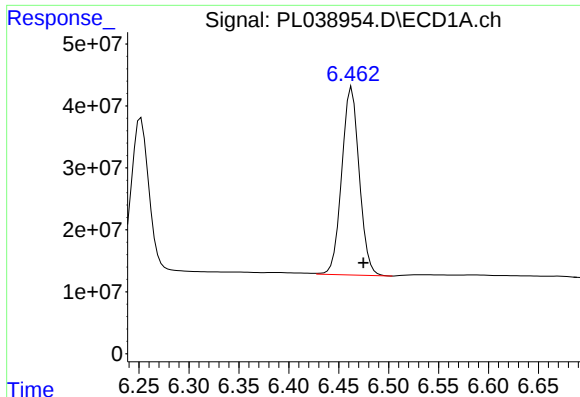
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.012 min
Response: 307770314
Conc: 48.33 ng/ml



#18 Endrin aldehyde

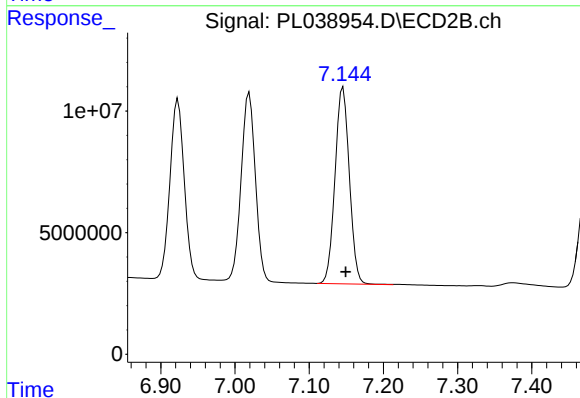
R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 98593548
Conc: 50.53 ng/ml



#19 Endosulfan Sulfate

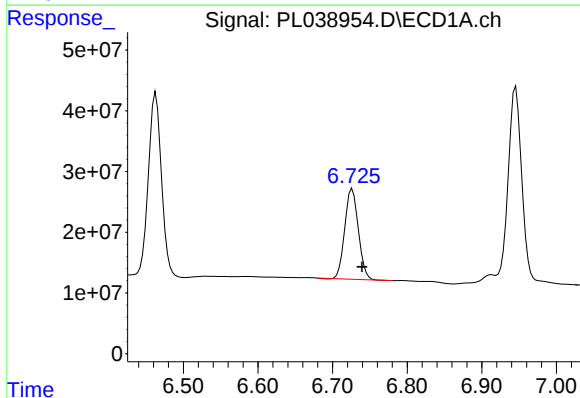
R.T.: 6.463 min
Delta R.T.: -0.012 min
Response: 369696624
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



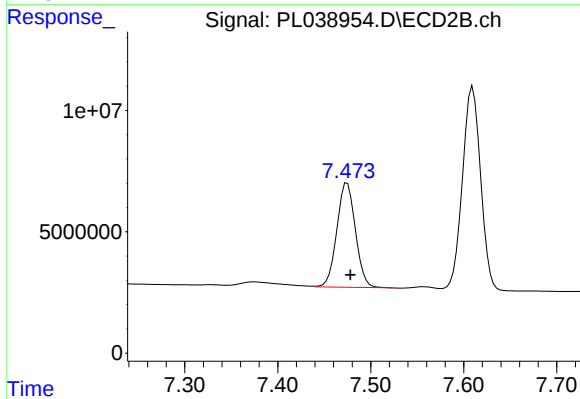
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.004 min
Response: 108941566
Conc: 49.98 ng/ml



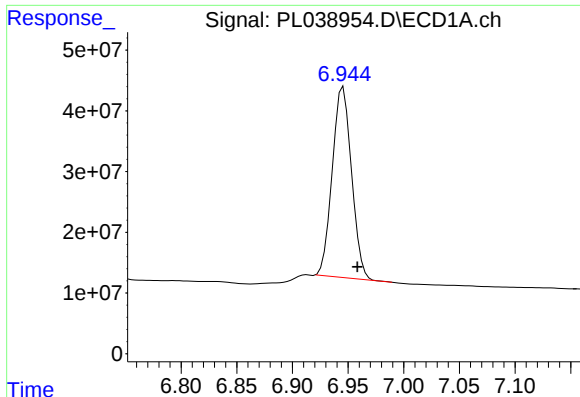
#20 Methoxychlor

R.T.: 6.726 min
Delta R.T.: -0.013 min
Response: 188032622
Conc: 48.87 ng/ml



#20 Methoxychlor

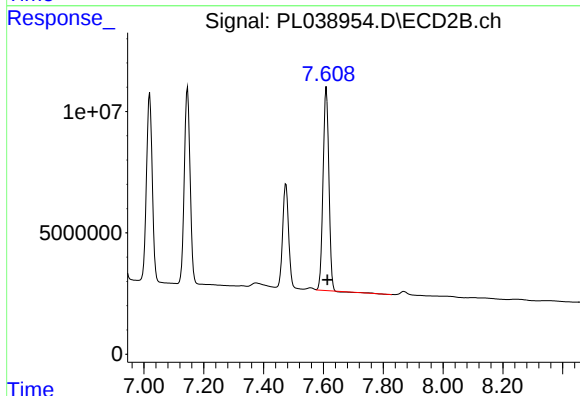
R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 59445982
Conc: 52.21 ng/ml



#21 Endrin ketone

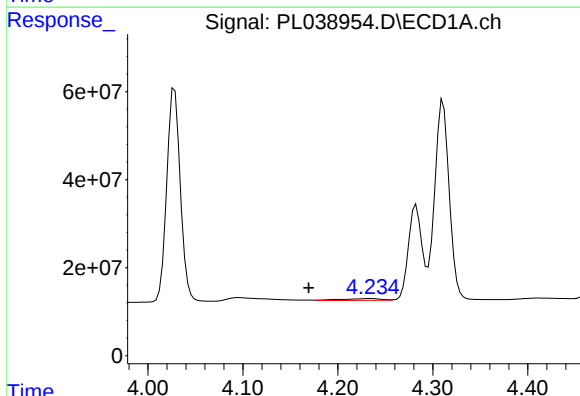
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 376989791
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



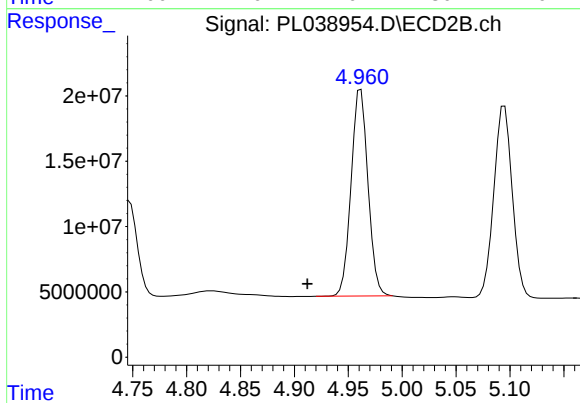
#21 Endrin ketone

R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 112462219
Conc: 47.18 ng/ml



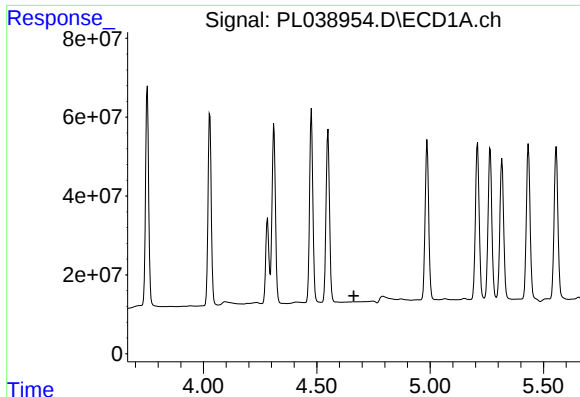
#23 Chlordane-1

R.T.: 4.235 min
Delta R.T.: 0.066 min
Response: 11580090
Conc: 33.44 ng/ml



#23 Chlordane-1

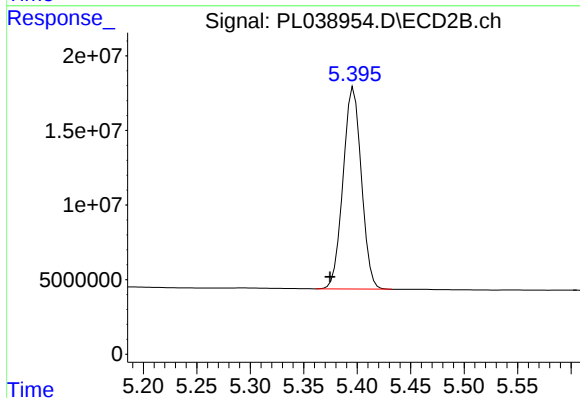
R.T.: 4.962 min
Delta R.T.: 0.049 min
Response: 172807926
Conc: 1491.20 ng/ml



#24 Chlordane-2

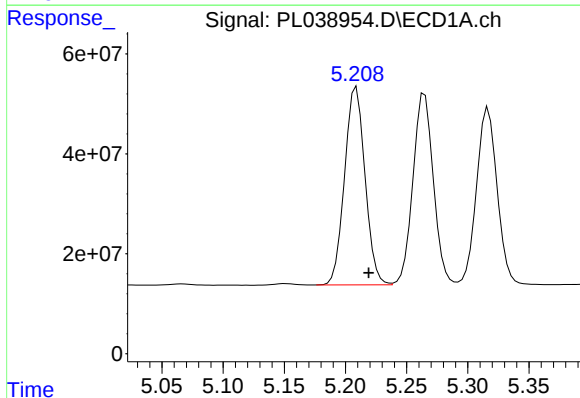
R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



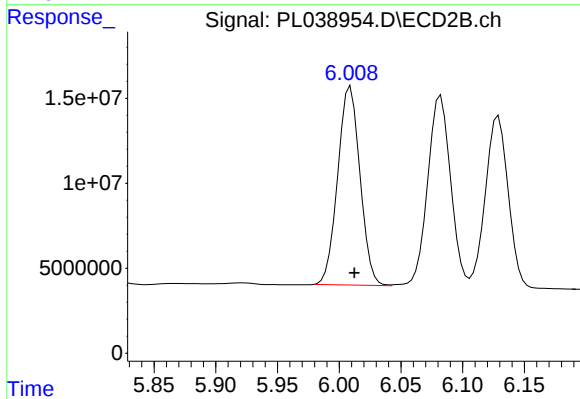
#24 Chlordane-2

R.T.: 5.397 min
Delta R.T.: 0.022 min
Response: 161111339
Conc: 1345.40 ng/ml



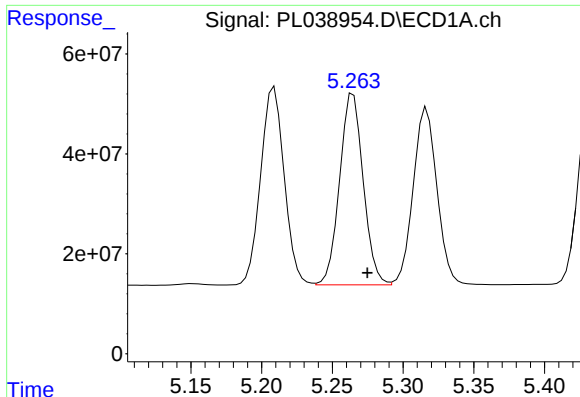
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: -0.010 min
Response: 460390547
Conc: 395.75 ng/ml



#25 Chlordane-3

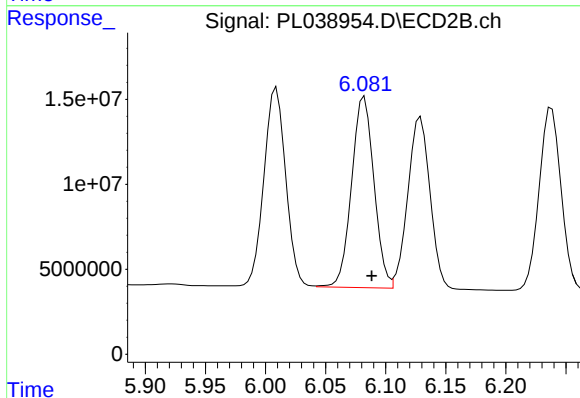
R.T.: 6.009 min
Delta R.T.: -0.003 min
Response: 146801931
Conc: 359.90 ng/ml



#26 Chlordane-4

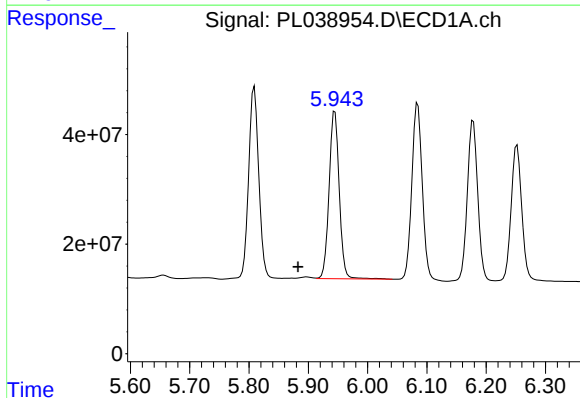
R.T.: 5.265 min
Delta R.T.: -0.010 min
Response: 445284341
Conc: 423.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



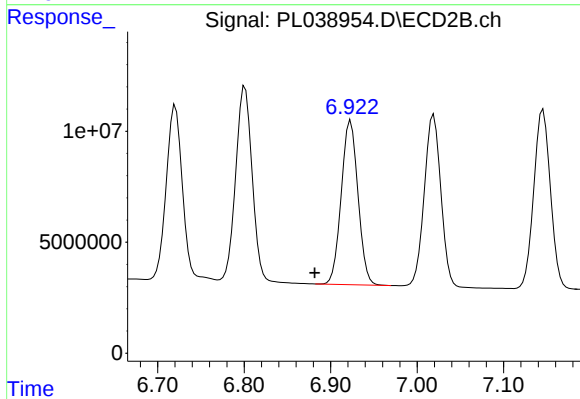
#26 Chlordane-4

R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 145851066
Conc: 296.86 ng/ml



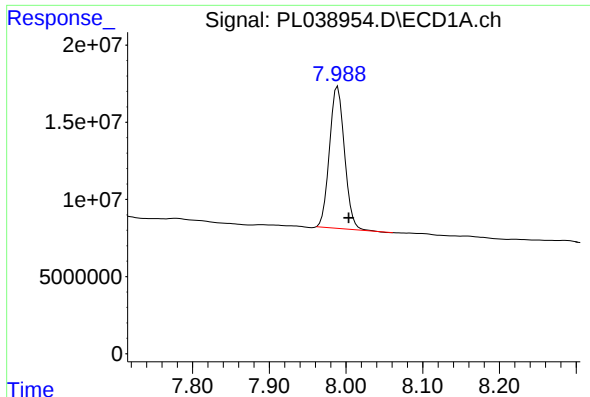
#27 Chlordane-5

R.T.: 5.945 min
Delta R.T.: 0.062 min
Response: 363037264
Conc: 2267.10 ng/ml



#27 Chlordane-5

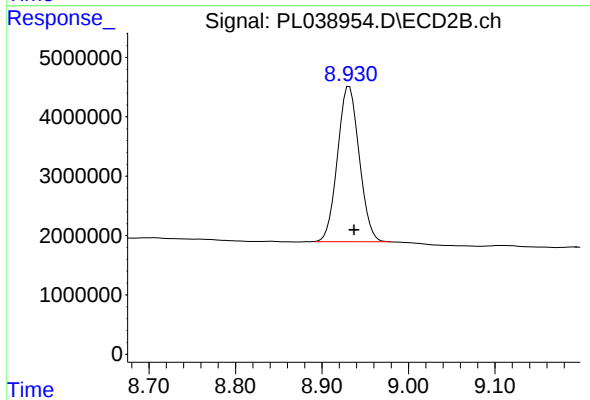
R.T.: 6.923 min
Delta R.T.: 0.042 min
Response: 98593548
Conc: 1100.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.014 min
Response: 124237461
Conc: 16.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.932 min
Delta R.T.: -0.006 min
Response: 45380965
Conc: 18.56 ng/ml