

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080618\
 Data File : PL038953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2018 13:38
 Operator : AJ\SJ
 Sample : SOIL IDOC 03
 Misc : PB111658
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:06:12 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	119.5E6	45929299	16.051	17.497
28)	SA Decachlor...	7.989	8.932	123.5E6	45586096	16.281	18.649
Target Compounds							
2)	A alpha-BHC	3.752	4.305	521.3E6	190.4E6	44.117	49.206
3)	MA gamma-BHC...	4.028	4.585	454.6E6	173.0E6	43.362	47.905
4)	MA Heptachlor	4.311	5.095	482.8E6	170.7E6	45.391	53.396
5)	MB Aldrin	4.549	5.397	470.8E6	160.7E6	44.980	52.067
6)	B beta-BHC	4.282	4.748	213.2E6	79129089	45.177	52.165
7)	B delta-BHC	4.476	4.961	498.7E6	172.0E6	45.948	51.867
8)	B Heptachlo...	4.986	5.777	424.2E6	149.2E6	44.988	52.490
9)	A Endosulfan I	5.317	6.129	415.2E6	129.6E6	47.998	50.397
10)	B gamma-Chl...	5.208	6.009	461.3E6	145.9E6	46.672	50.332
11)	B alpha-Chl...	5.265	6.083	445.2E6	145.3E6	47.033	50.699
12)	B 4,4'-DDE	5.434	6.239	442.1E6	138.2E6	46.111	51.669
13)	MA Dieldrin	5.556	6.383	449.9E6	136.6E6	46.812	50.172
14)	MA Endrin	5.809	6.598	395.8E6	118.8E6	45.558	49.736
15)	B Endosulfa...	6.084	6.801	354.3E6	111.9E6	44.682	46.606
16)	A 4,4'-DDD	5.945	6.720	364.4E6	100.2E6	49.674	46.810
17)	MA 4,4'-DDT	6.179	7.019	353.6E6	103.9E6	47.602	48.737
18)	B Endrin al...	6.252	6.923	307.5E6	98737539	48.290	50.599
19)	B Endosulfa...	6.463	7.146	366.9E6	109.1E6	48.572	50.069
20)	A Methoxychlor	6.726	7.475	188.3E6	59150029	48.929	51.947
21)	B Endrin ke...	6.946	7.610	379.4E6	112.6E6	48.358	47.225
23)	Chlordane-1	4.235	4.961	13416519	172.0E6	38.748	1484.428 #
24)	Chlordane-2	0.000	5.397	0	160.7E6	N.D.	1341.884 #
25)	Chlordane-3	5.208	6.009	461.3E6	145.9E6	396.540	357.740
26)	Chlordane-4	5.265	6.083	445.2E6	145.3E6	423.442	295.768 #
27)	Chlordane-5	5.945	6.923	364.4E6	98737539	2275.536	1102.234 #

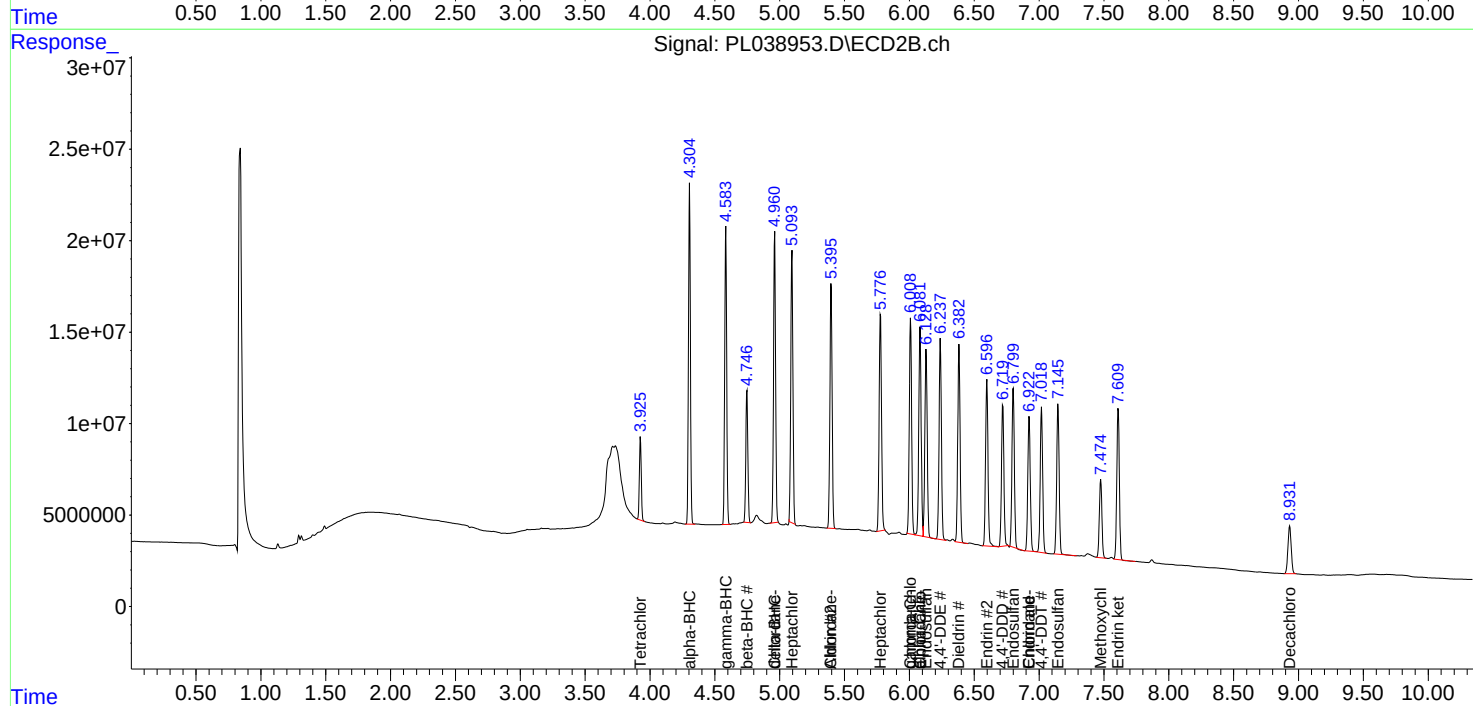
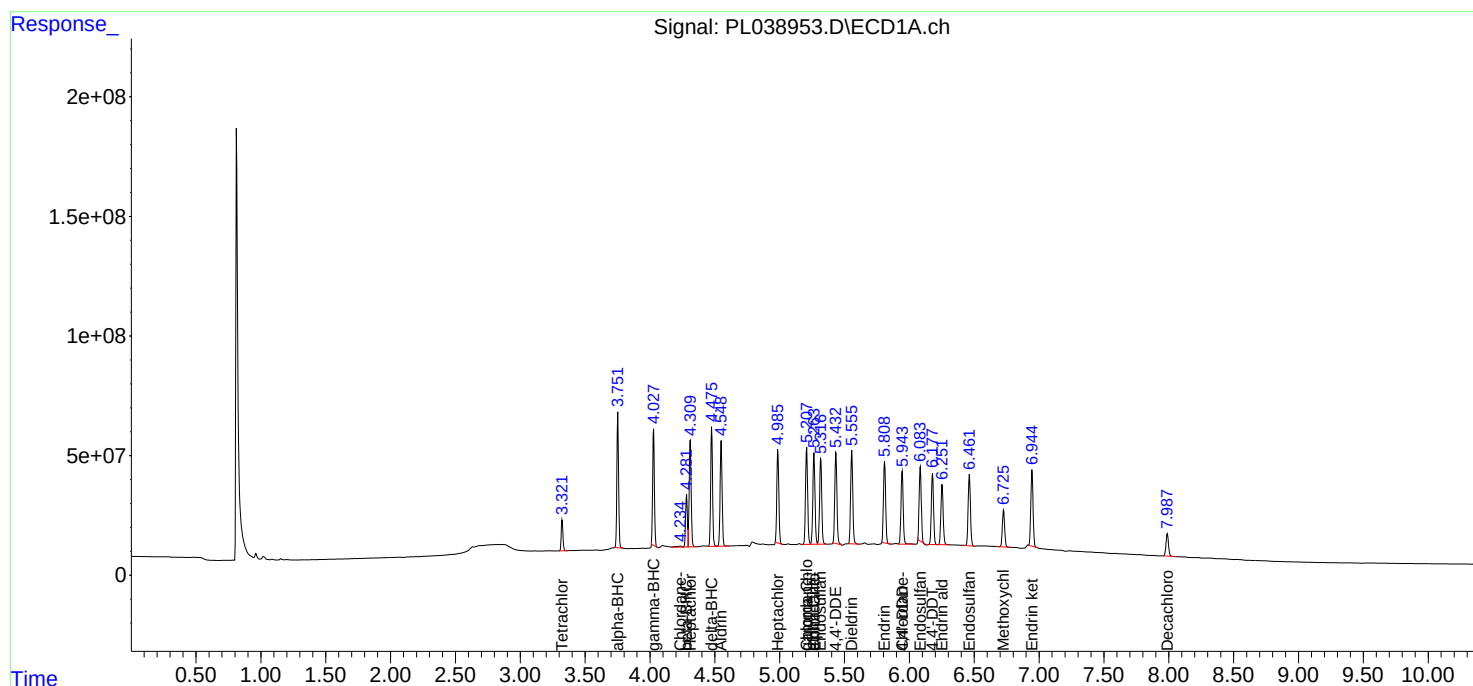
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

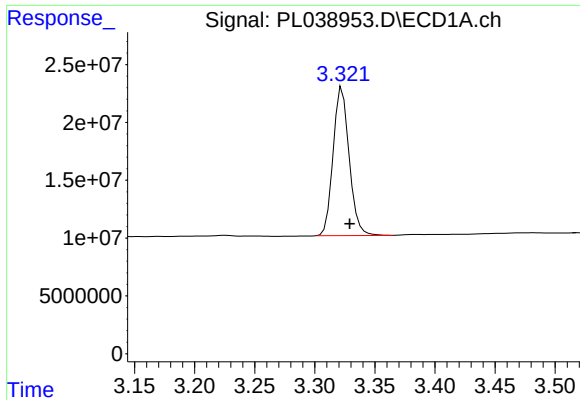
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080618\
Data File : PL038953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2018 13:38
Operator : AJ\SJ
Sample : SOIL IDOC 03
Misc : PB111658
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:06:12 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 2018
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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

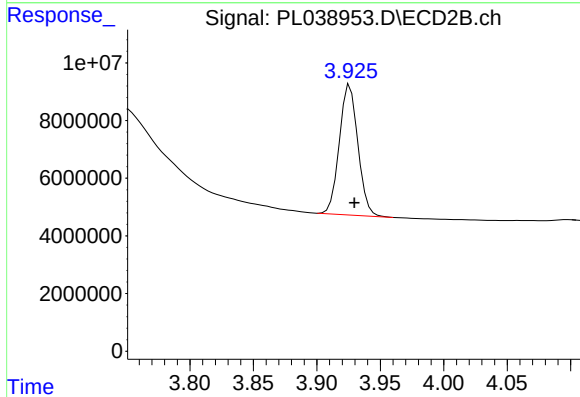




#1 Tetrachloro-m-xylene

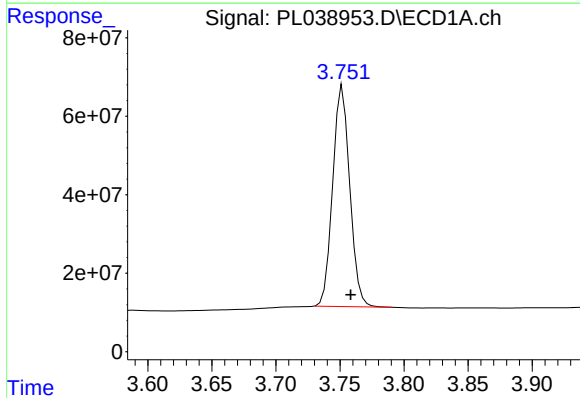
R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 119525179
Conc: 16.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



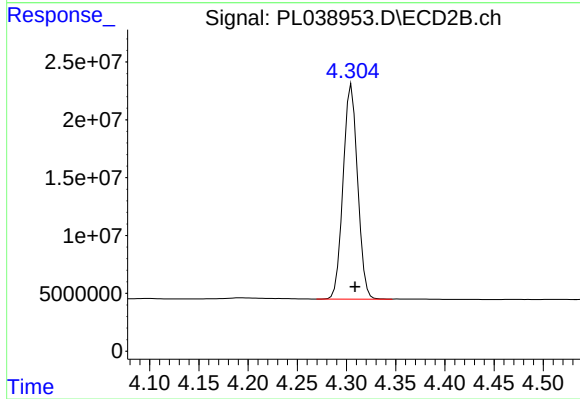
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 45929299
Conc: 17.50 ng/ml



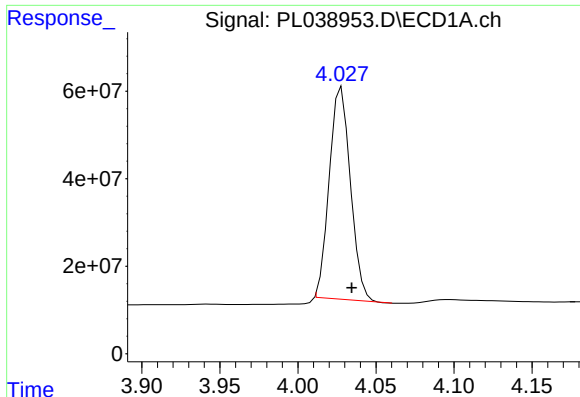
#2 alpha-BHC

R.T.: 3.752 min
Delta R.T.: -0.006 min
Response: 521259688
Conc: 44.12 ng/ml



#2 alpha-BHC

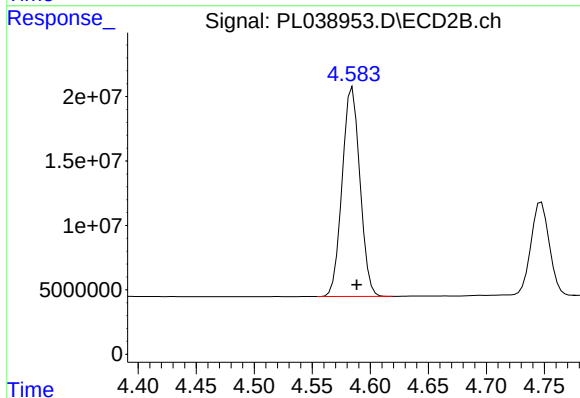
R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 190434647
Conc: 49.21 ng/ml



#3 gamma-BHC (Lindane)

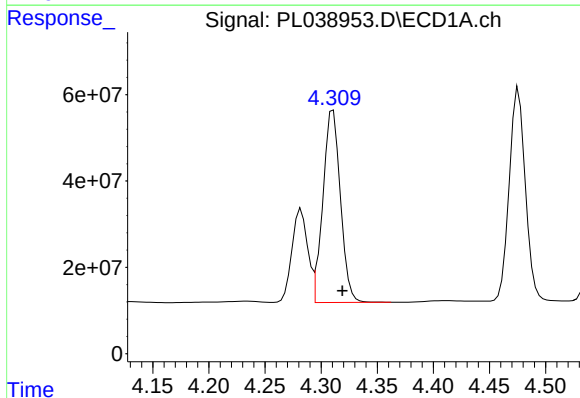
R.T.: 4.028 min
Delta R.T.: -0.007 min
Response: 454599388
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



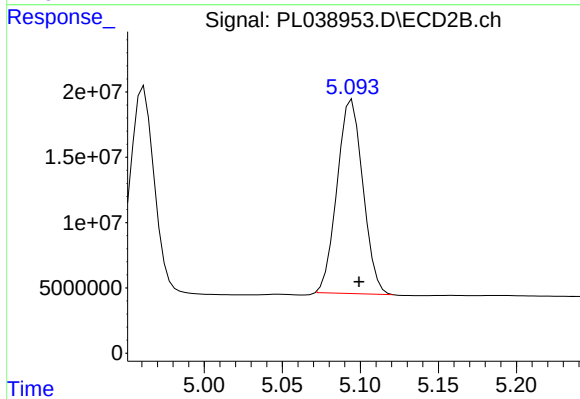
#3 gamma-BHC (Lindane)

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 173023508
Conc: 47.91 ng/ml



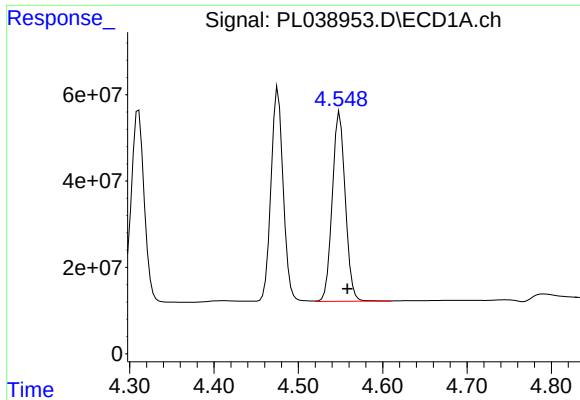
#4 Heptachlor

R.T.: 4.311 min
Delta R.T.: -0.008 min
Response: 482842877
Conc: 45.39 ng/ml



#4 Heptachlor

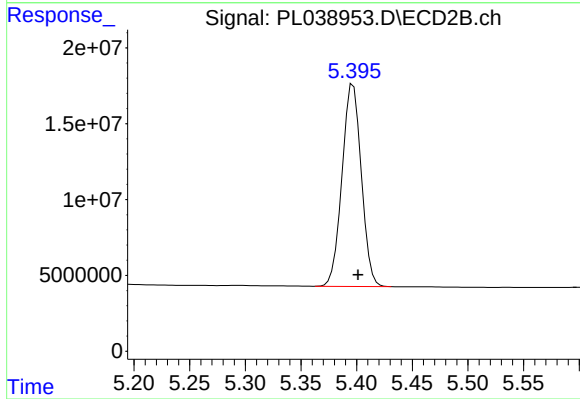
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 170665441
Conc: 53.40 ng/ml



#5 Aldrin

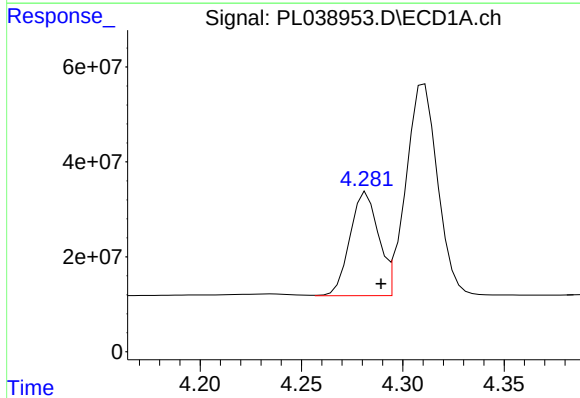
R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 470818001
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



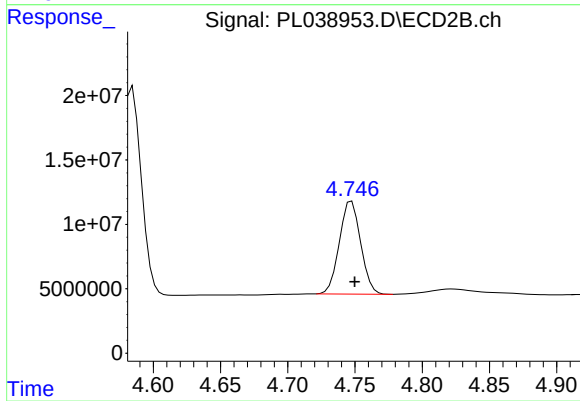
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 160690810
Conc: 52.07 ng/ml



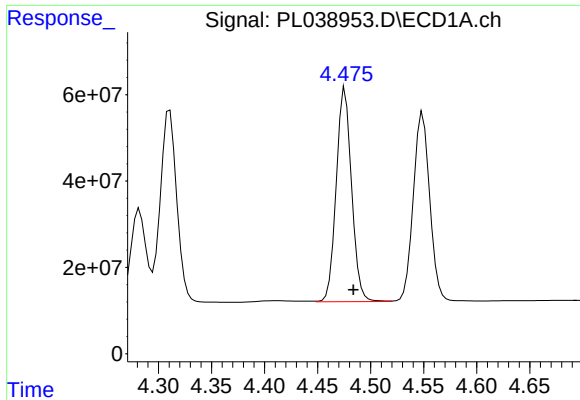
#6 beta-BHC

R.T.: 4.282 min
Delta R.T.: -0.007 min
Response: 213249760
Conc: 45.18 ng/ml



#6 beta-BHC

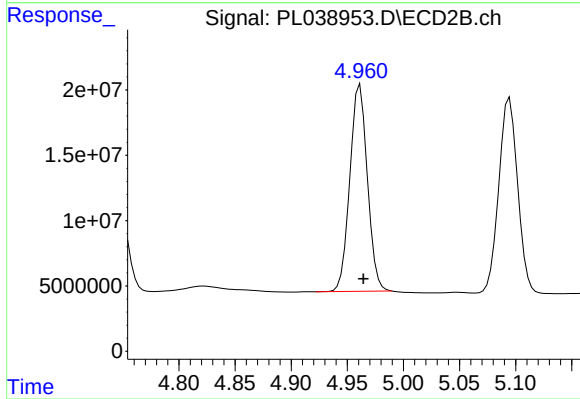
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 79129089
Conc: 52.17 ng/ml



#7 delta-BHC

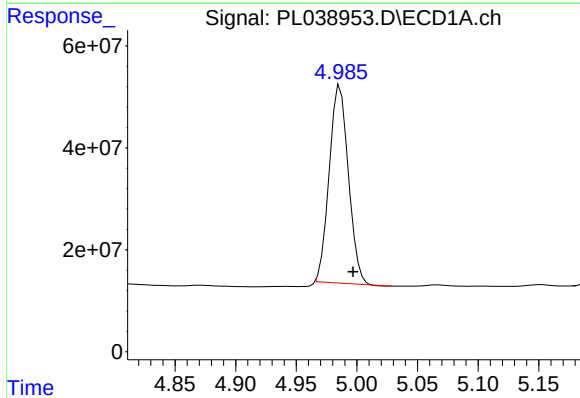
R.T.: 4.476 min
Delta R.T.: -0.008 min
Response: 498722202
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



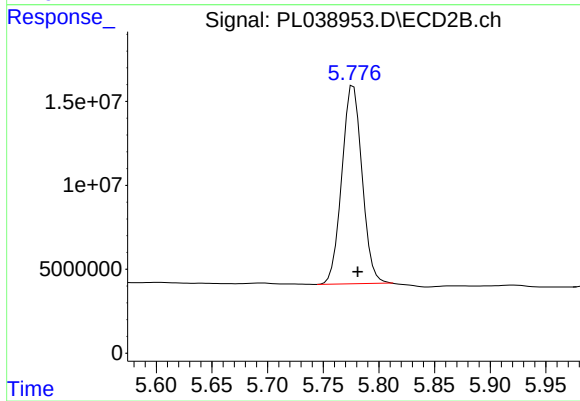
#7 delta-BHC

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 172022888
Conc: 51.87 ng/ml



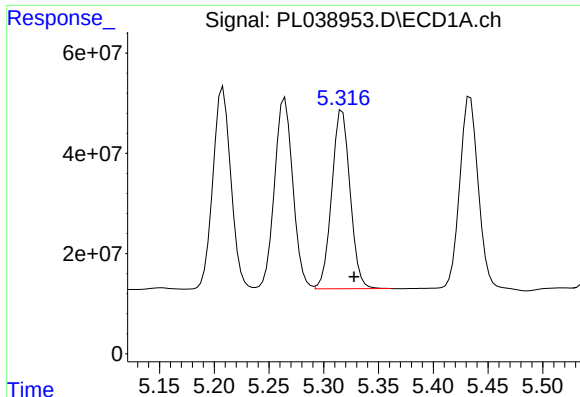
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: -0.010 min
Response: 424166666
Conc: 44.99 ng/ml



#8 Heptachlor epoxide

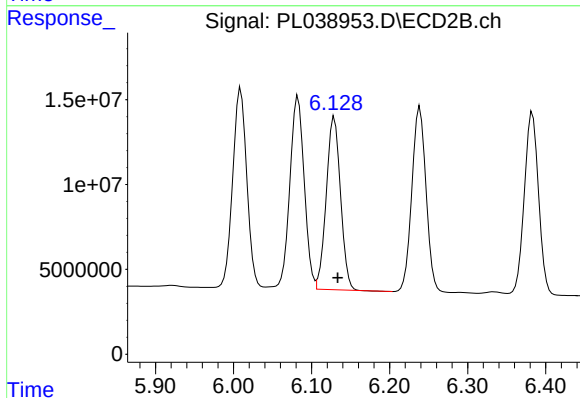
R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 149172213
Conc: 52.49 ng/ml



#9 Endosulfan I

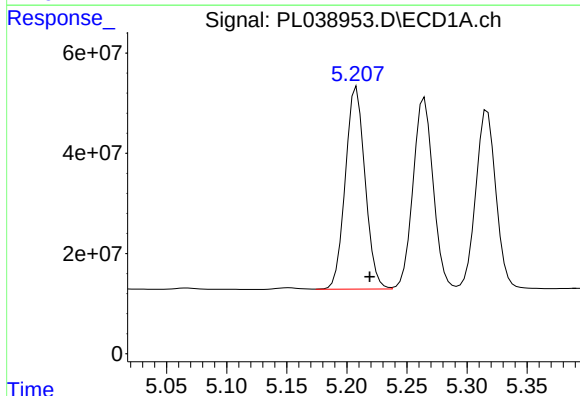
R.T.: 5.317 min
Delta R.T.: -0.011 min
Response: 415166476
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



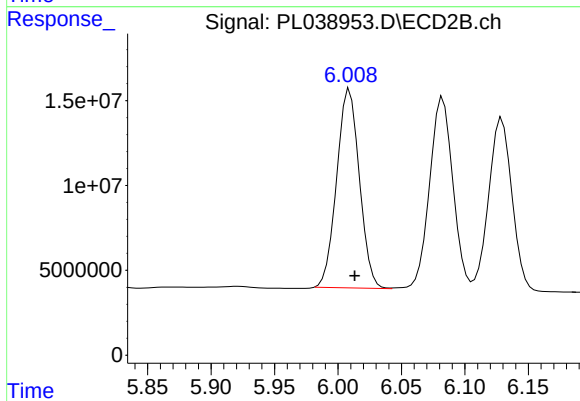
#9 Endosulfan I

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 129610212
Conc: 50.40 ng/ml



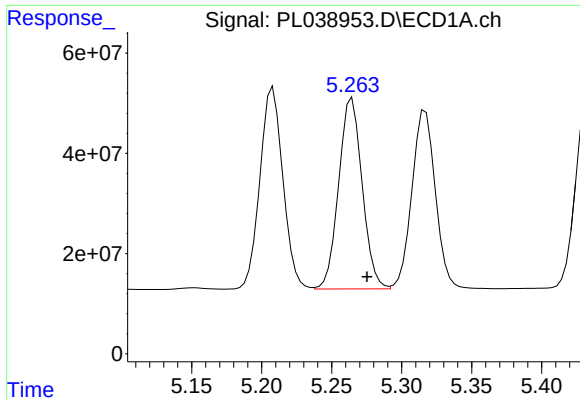
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.011 min
Response: 461307222
Conc: 46.67 ng/ml



#10 gamma-Chlordane

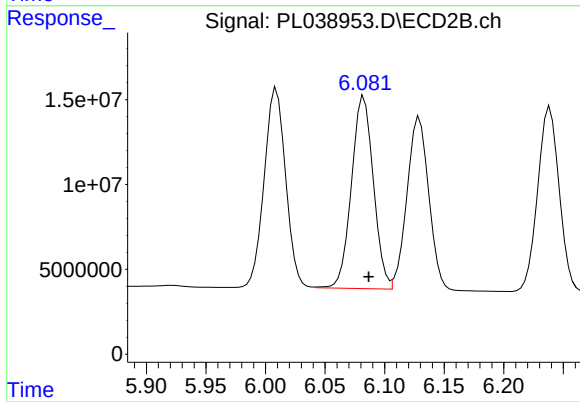
R.T.: 6.009 min
Delta R.T.: -0.004 min
Response: 145922289
Conc: 50.33 ng/ml



#11 alpha-Chlordane

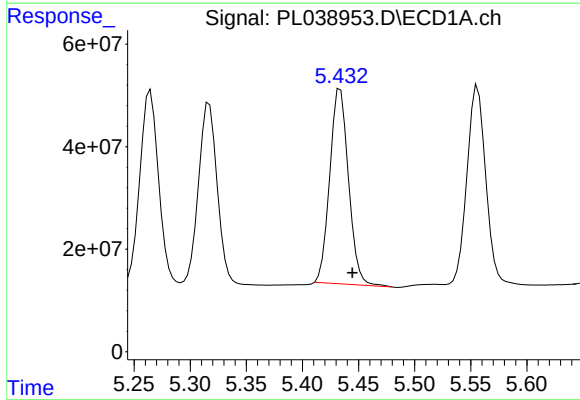
R.T.: 5.265 min
Delta R.T.: -0.011 min
Response: 445199388
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



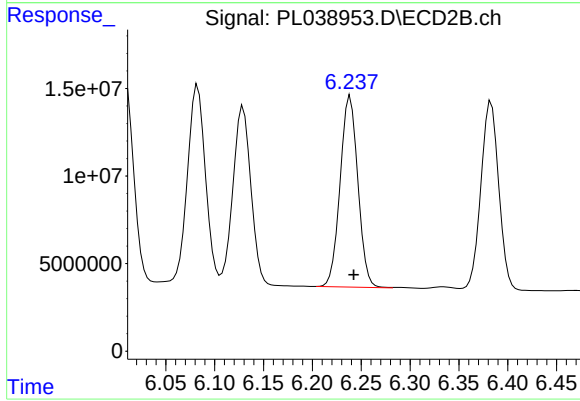
#11 alpha-Chlordane

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 145314771
Conc: 50.70 ng/ml



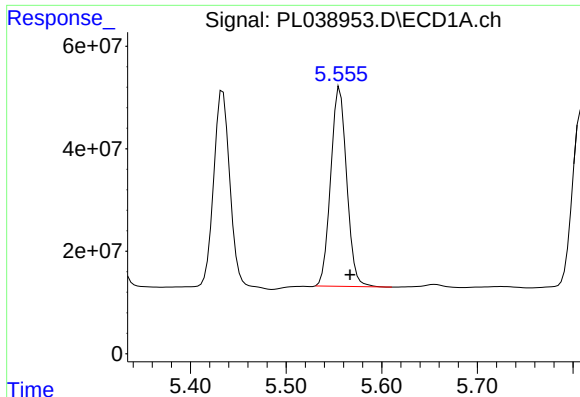
#12 4,4'-DDE

R.T.: 5.434 min
Delta R.T.: -0.011 min
Response: 442105323
Conc: 46.11 ng/ml



#12 4,4'-DDE

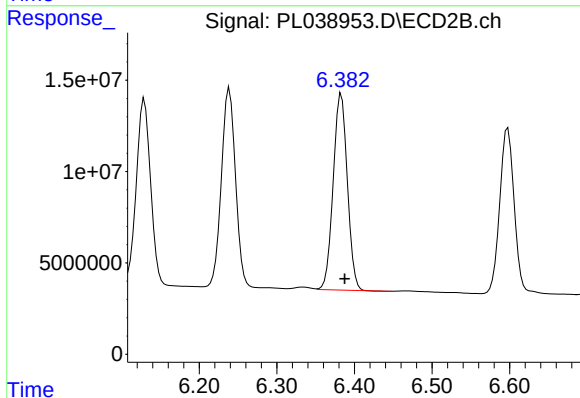
R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 138165888
Conc: 51.67 ng/ml



#13 Dieldrin

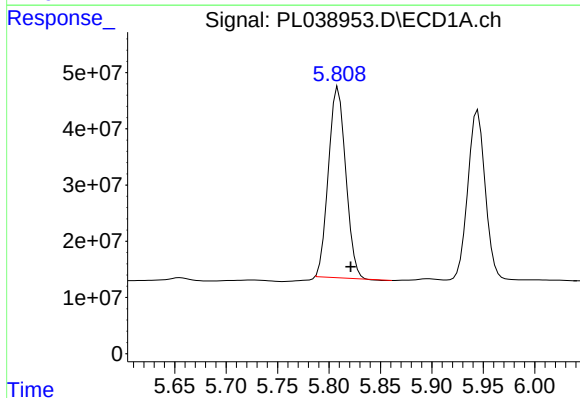
R.T.: 5.556 min
Delta R.T.: -0.011 min
Response: 449874262
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



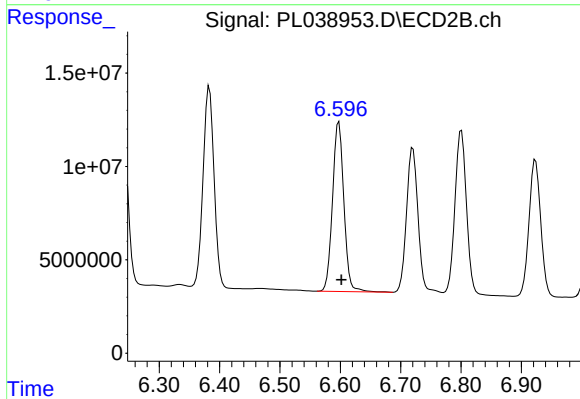
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 136557591
Conc: 50.17 ng/ml



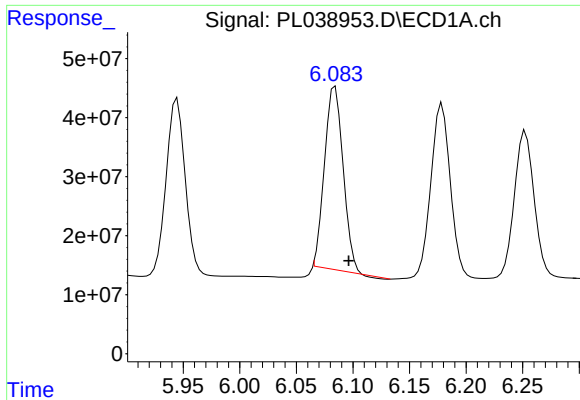
#14 Endrin

R.T.: 5.809 min
Delta R.T.: -0.012 min
Response: 395829297
Conc: 45.56 ng/ml



#14 Endrin

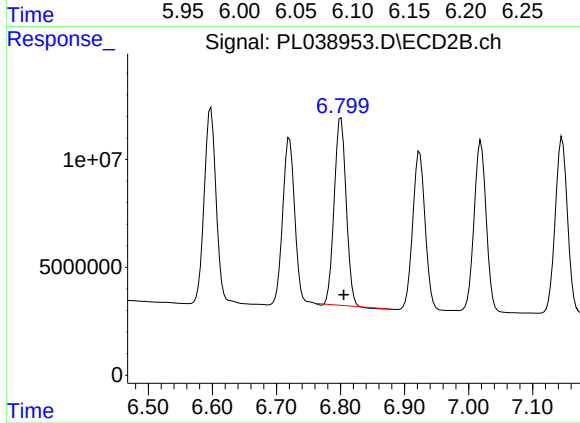
R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 118776044
Conc: 49.74 ng/ml



#15 Endosulfan II

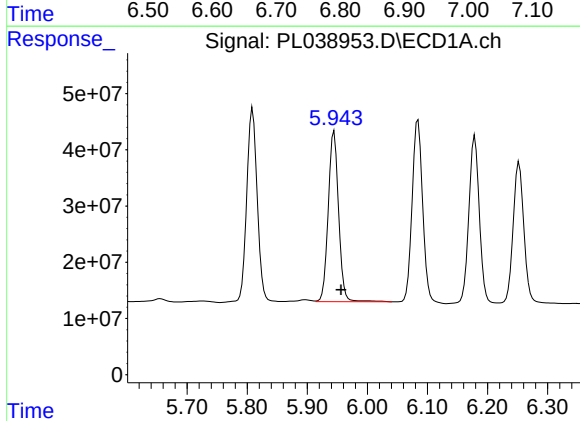
R.T.: 6.084 min
Delta R.T.: -0.012 min
Response: 354331594
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



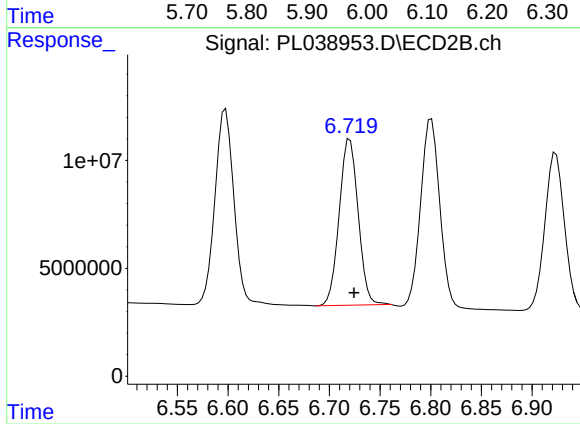
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 111920820
Conc: 46.61 ng/ml



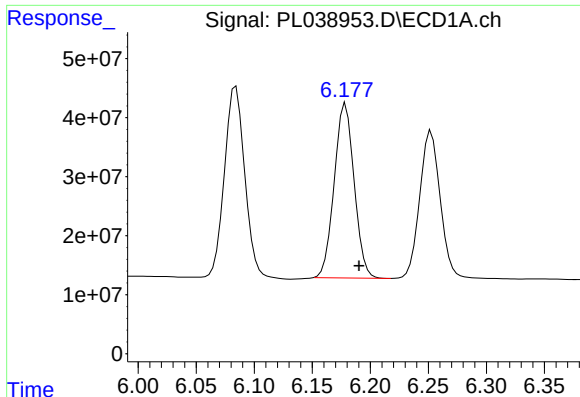
#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.012 min
Response: 364388855
Conc: 49.67 ng/ml



#16 4,4'-DDD

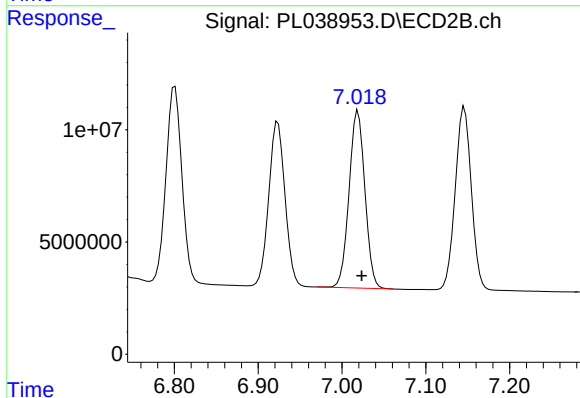
R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 100193126
Conc: 46.81 ng/ml



#17 4,4'-DDT

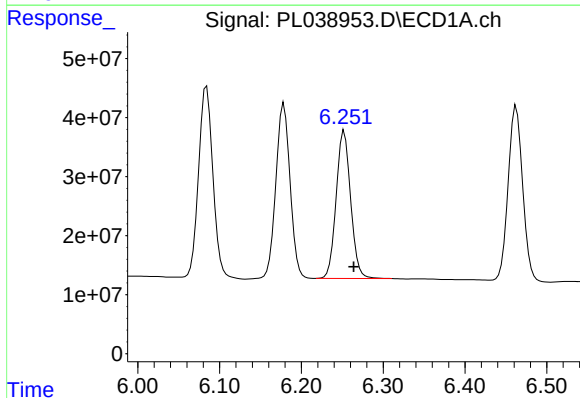
R.T.: 6.179 min
Delta R.T.: -0.012 min
Response: 353621960
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



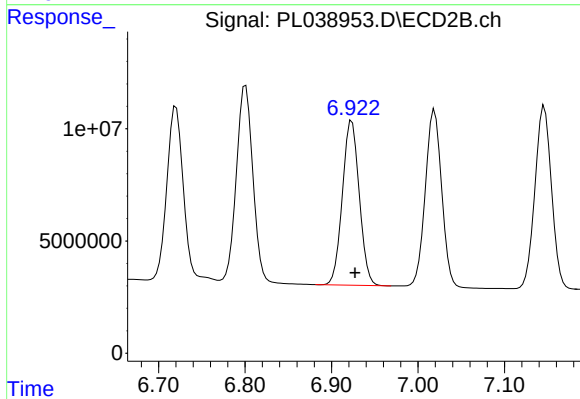
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 103908624
Conc: 48.74 ng/ml



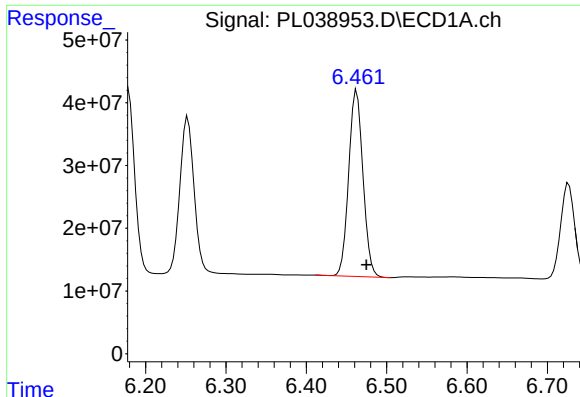
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.012 min
Response: 307489175
Conc: 48.29 ng/ml



#18 Endrin aldehyde

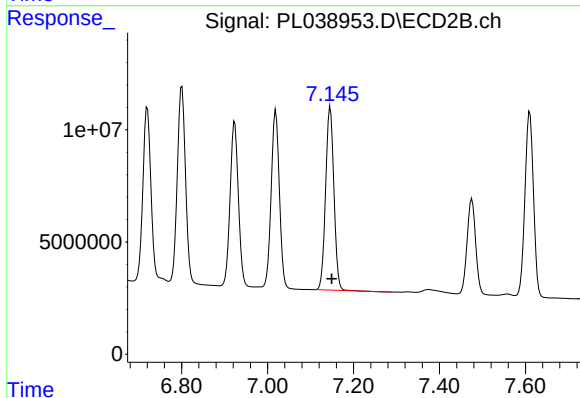
R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 98737539
Conc: 50.60 ng/ml



#19 Endosulfan Sulfate

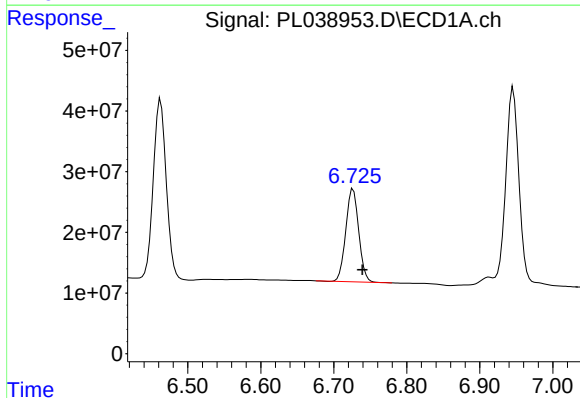
R.T.: 6.463 min
Delta R.T.: -0.012 min
Response: 366880023
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



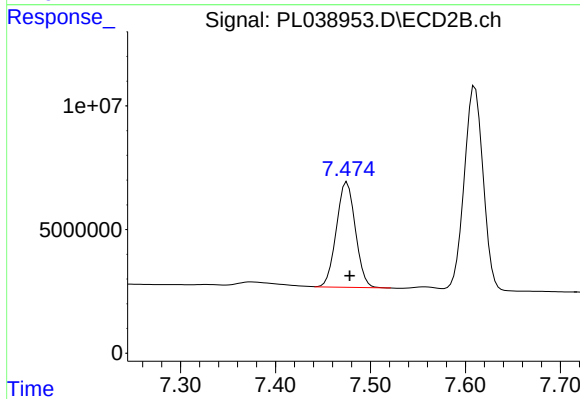
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 109139613
Conc: 50.07 ng/ml



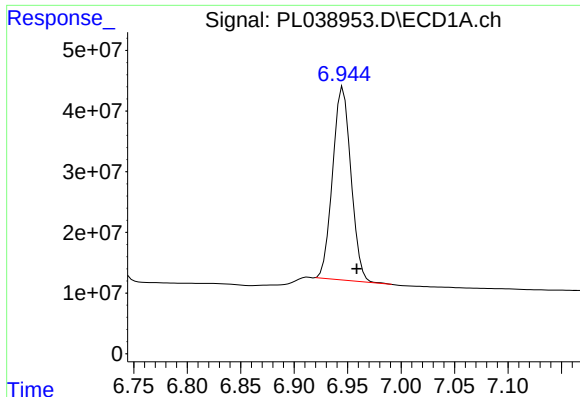
#20 Methoxychlor

R.T.: 6.726 min
Delta R.T.: -0.013 min
Response: 188251895
Conc: 48.93 ng/ml



#20 Methoxychlor

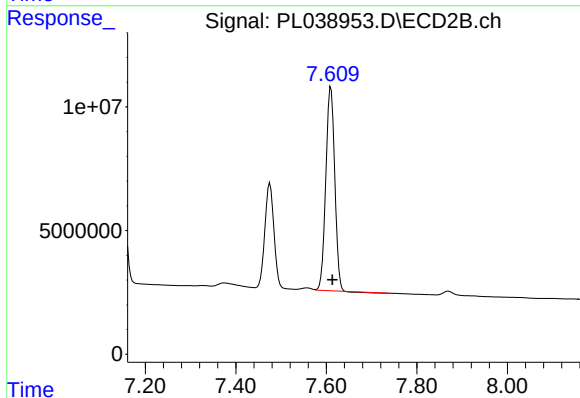
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 59150029
Conc: 51.95 ng/ml



#21 Endrin ketone

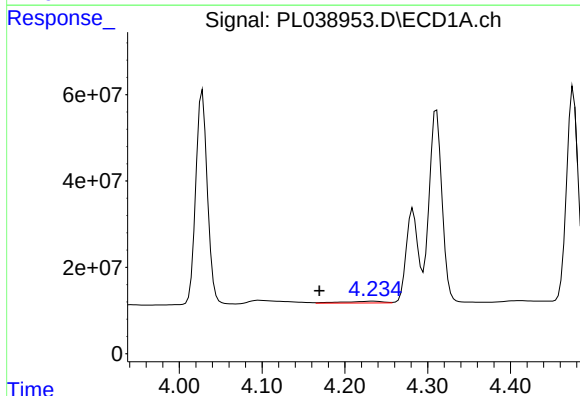
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 379412412
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



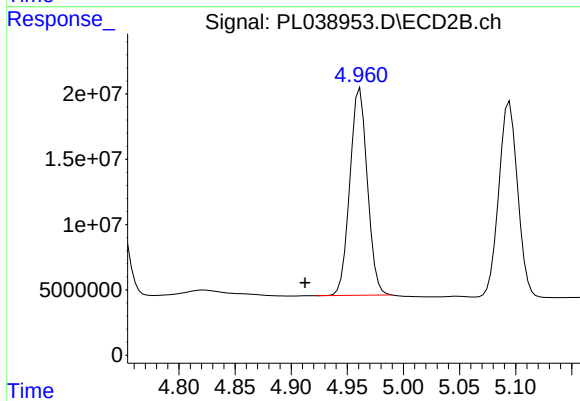
#21 Endrin ketone

R.T.: 7.610 min
Delta R.T.: -0.003 min
Response: 112561859
Conc: 47.22 ng/ml



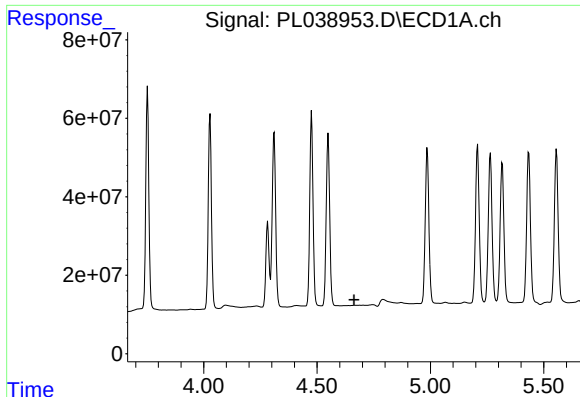
#23 Chlordane-1

R.T.: 4.235 min
Delta R.T.: 0.065 min
Response: 13416519
Conc: 38.75 ng/ml



#23 Chlordane-1

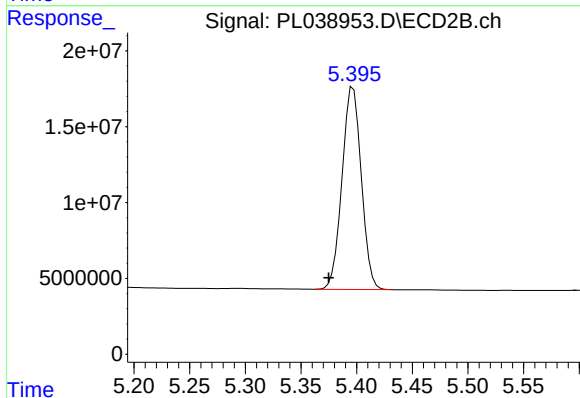
R.T.: 4.961 min
Delta R.T.: 0.049 min
Response: 172022888
Conc: 1484.43 ng/ml



#24 Chlordane-2

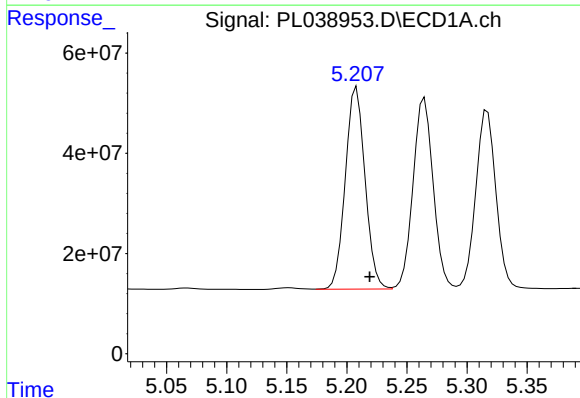
R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



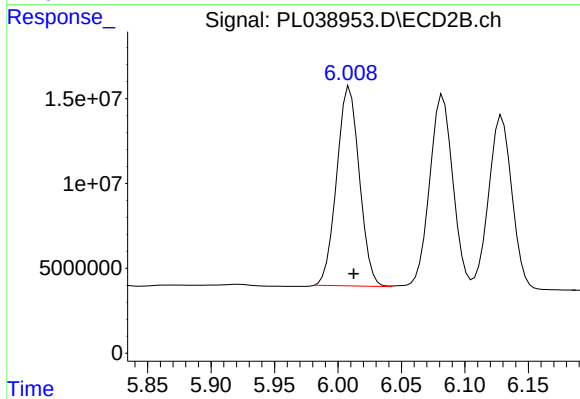
#24 Chlordane-2

R.T.: 5.397 min
Delta R.T.: 0.022 min
Response: 160690810
Conc: 1341.88 ng/ml



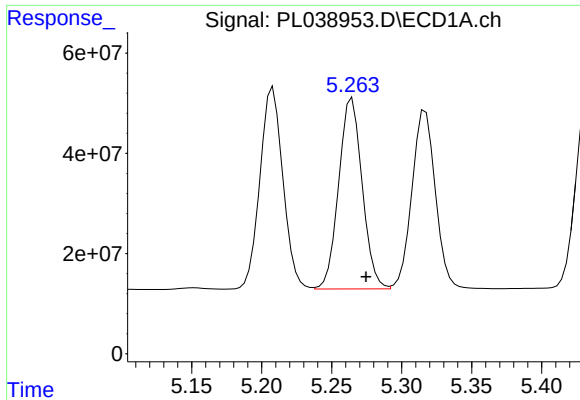
#25 Chlordane-3

R.T.: 5.208 min
Delta R.T.: -0.011 min
Response: 461307222
Conc: 396.54 ng/ml



#25 Chlordane-3

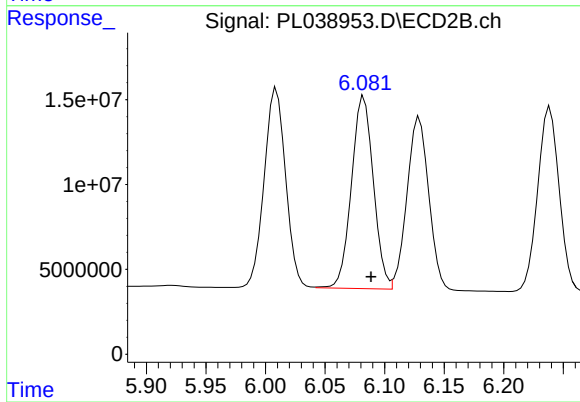
R.T.: 6.009 min
Delta R.T.: -0.003 min
Response: 145922289
Conc: 357.74 ng/ml



#26 Chlordane-4

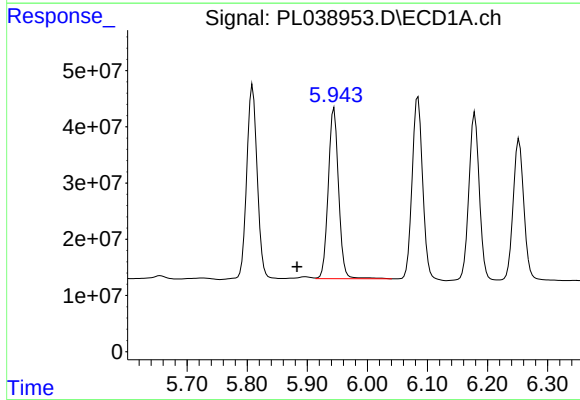
R.T.: 5.265 min
Delta R.T.: -0.010 min
Response: 445199388
Conc: 423.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



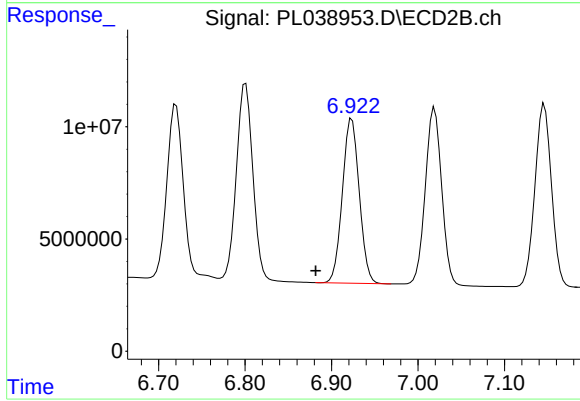
#26 Chlordane-4

R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 145314771
Conc: 295.77 ng/ml



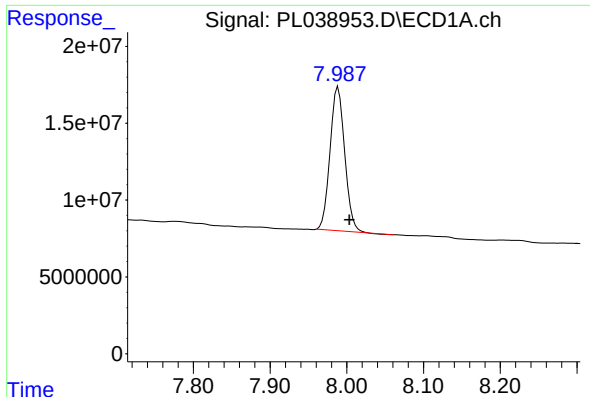
#27 Chlordane-5

R.T.: 5.945 min
Delta R.T.: 0.062 min
Response: 364388855
Conc: 2275.54 ng/ml



#27 Chlordane-5

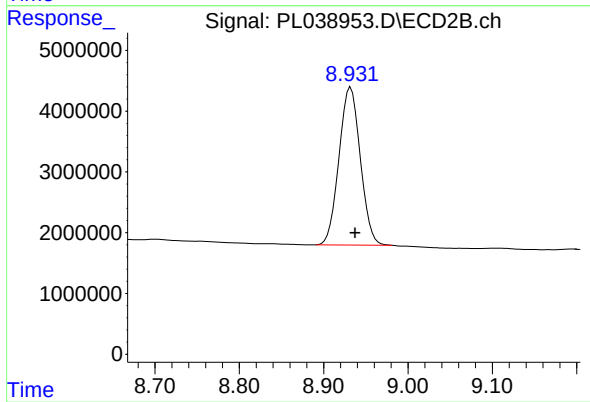
R.T.: 6.923 min
Delta R.T.: 0.042 min
Response: 98737539
Conc: 1102.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.015 min
Response: 123508617
Conc: 16.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.932 min
Delta R.T.: -0.005 min
Response: 45586096
Conc: 18.65 ng/ml