

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071618\
 Data File : PL038145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2018 23:13
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

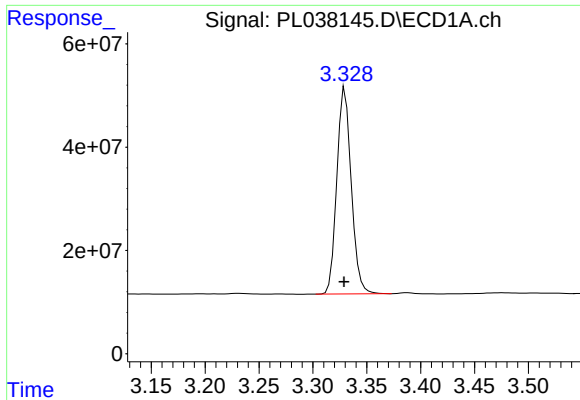
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:49:46 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 14 00:12:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.330	3.931	371.7E6	146.5E6	49.915	55.827
28)	SA Decachlor...	8.002	8.939	343.5E6	115.4E6	45.279	47.219
Target Compounds							
2)	A alpha-BHC	3.760	4.310	616.4E6	221.9E6	52.172	57.346
3)	MA gamma-BHC...	4.036	4.589	555.6E6	197.8E6	53.000	54.773
4)	MA Heptachlor	4.320	5.100	547.9E6	183.0E6	51.503	57.253
5)	MB Aldrin	4.559	5.402	548.9E6	173.6E6	52.439	56.242
6)	B beta-BHC	4.290	4.751	245.6E6	87226043	52.021	57.503
7)	B delta-BHC	4.484	4.966	576.6E6	191.8E6	53.120	57.819
8)	B Heptachlo...	4.997	5.782	501.9E6	162.8E6	53.231	57.297
9)	A Endosulfan I	5.327	6.135	457.6E6	137.4E6	52.903	53.420
10)	B gamma-Chl...	5.219	6.014	522.7E6	156.2E6	52.887	53.884
11)	B alpha-Chl...	5.275	6.088	497.5E6	153.3E6	52.553	53.476
12)	B 4,4'-DDE	5.444	6.244	504.3E6	140.0E6	52.596	52.352
13)	MA Dieldrin	5.567	6.389	503.5E6	146.1E6	52.393	53.694
14)	MA Endrin	5.820	6.603	446.6E6	131.1E6	51.402	54.891
15)	B Endosulfa...	6.095	6.806	422.7E6	123.3E6	53.305	51.360
16)	A 4,4'-DDD	5.955	6.726	401.7E6	114.3E6	54.756	53.385
17)	MA 4,4'-DDT	6.190	7.025	352.2E6	102.9E6	47.409	48.249
18)	B Endrin al...	6.263	6.928	322.0E6	103.6E6	50.563	53.072
19)	B Endosulfa...	6.474	7.151	378.6E6	115.4E6	50.125	52.964
20)	A Methoxychlor	6.739	7.480	182.3E6	56258513	47.391	49.407
21)	B Endrin ke...	6.958	7.615	404.8E6	125.3E6	51.589	52.585
23)	Chlordane-1	0.000	4.966	0	191.8E6	N.D.	1654.764 #
24)	Chlordane-2	0.000	5.402	0	173.6E6	N.D.	1449.464 #
25)	Chlordane-3	5.219	6.014	522.7E6	156.2E6	449.340	382.991
26)	Chlordane-4	5.275	6.088	497.5E6	153.3E6	473.139	311.966 #
27)	Chlordane-5	5.820	6.928	446.6E6	103.6E6	2788.956	1156.099 #

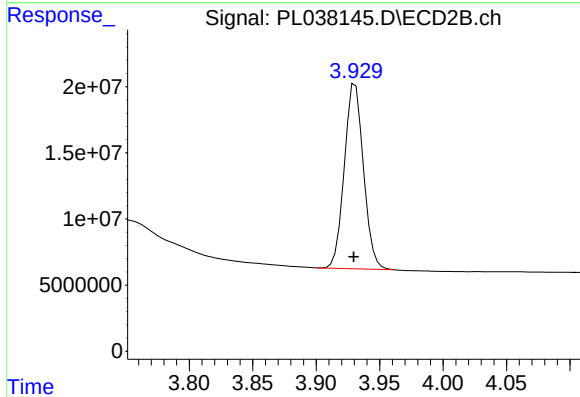
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

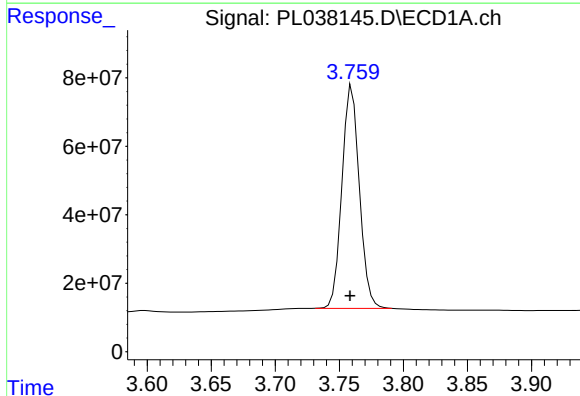
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 371689392
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



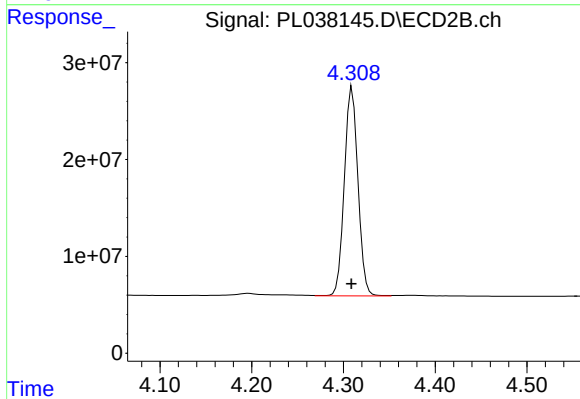
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 146542248
Conc: 55.83 ng/ml



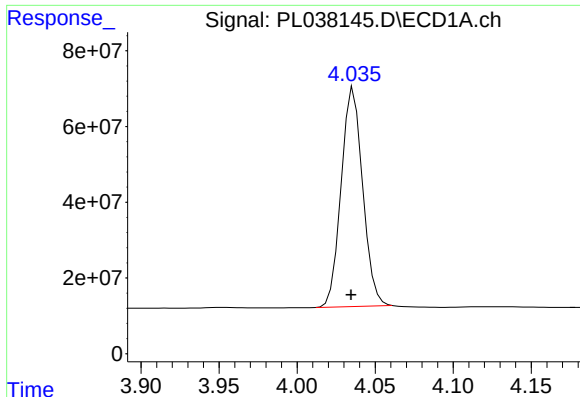
#2 alpha-BHC

R.T.: 3.760 min
Delta R.T.: 0.001 min
Response: 616435007
Conc: 52.17 ng/ml



#2 alpha-BHC

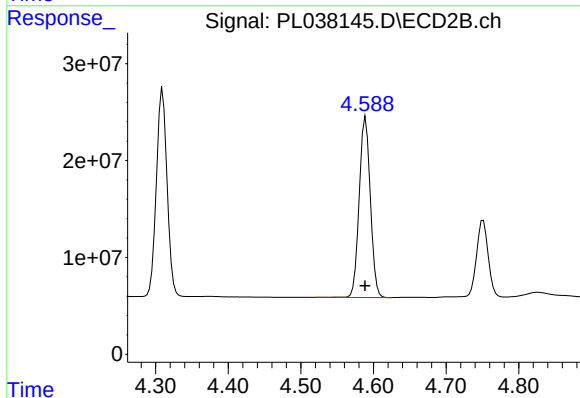
R.T.: 4.310 min
Delta R.T.: 0.001 min
Response: 221936435
Conc: 57.35 ng/ml



#3 gamma-BHC (Lindane)

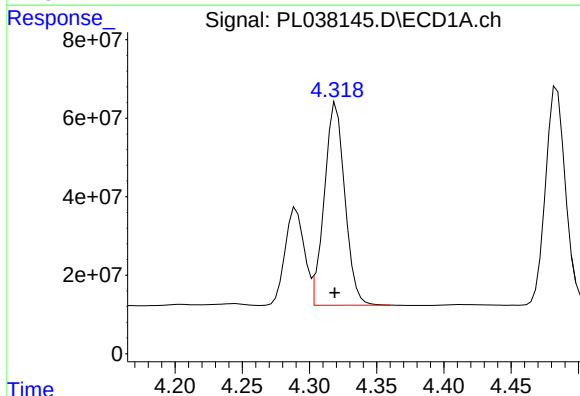
R.T.: 4.036 min
Delta R.T.: 0.002 min
Response: 555641190
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



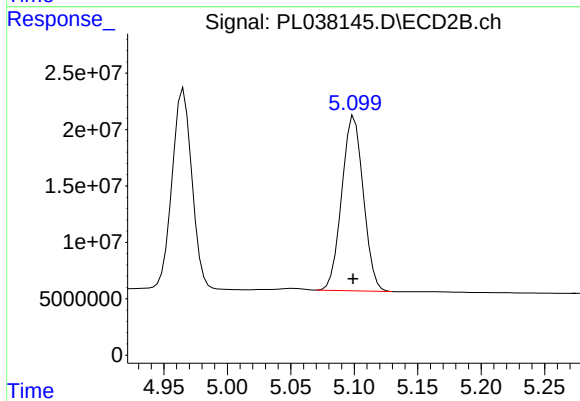
#3 gamma-BHC (Lindane)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 197828878
Conc: 54.77 ng/ml



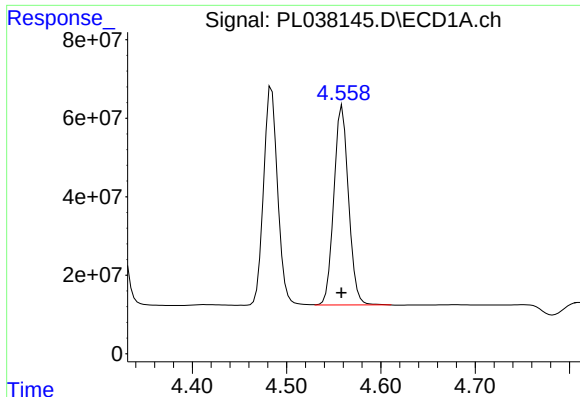
#4 Heptachlor

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 547854125
Conc: 51.50 ng/ml



#4 Heptachlor

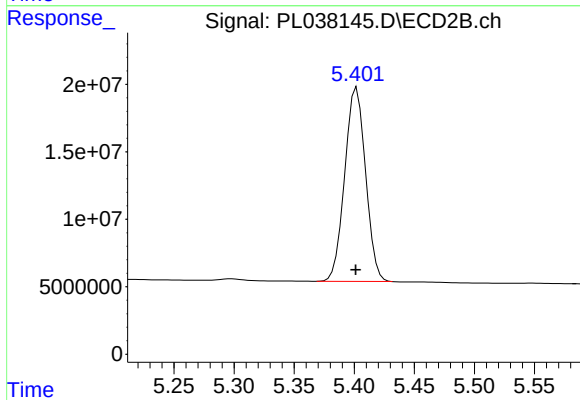
R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 182994587
Conc: 57.25 ng/ml



#5 Aldrin

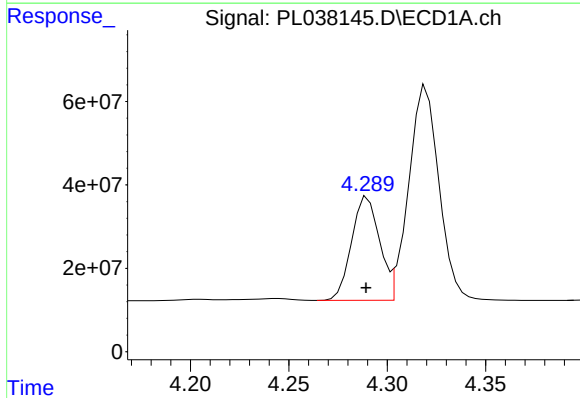
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 548897281
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



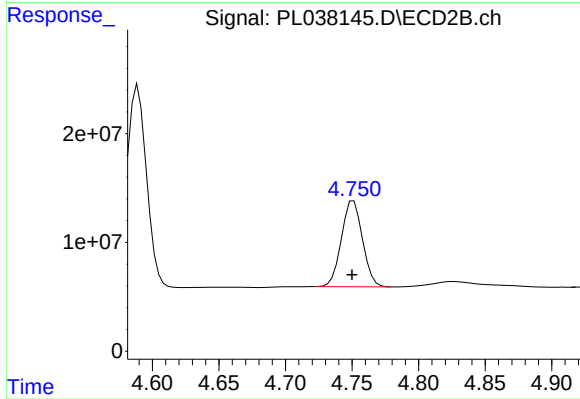
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 173573505
Conc: 56.24 ng/ml



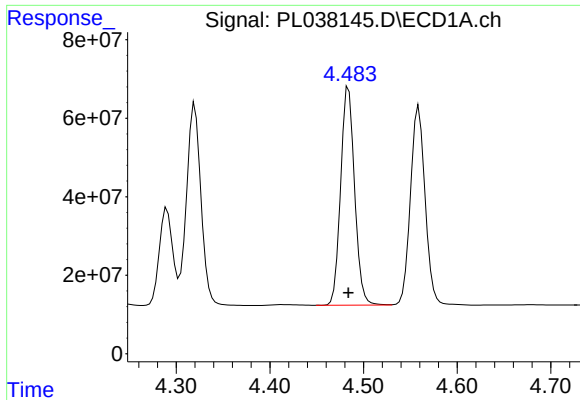
#6 beta-BHC

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 245558849
Conc: 52.02 ng/ml



#6 beta-BHC

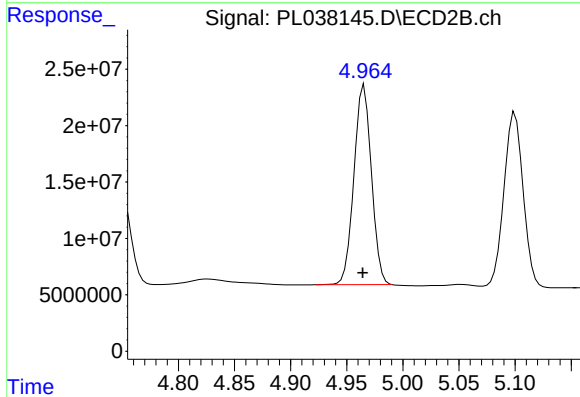
R.T.: 4.751 min
Delta R.T.: 0.001 min
Response: 87226043
Conc: 57.50 ng/ml



#7 delta-BHC

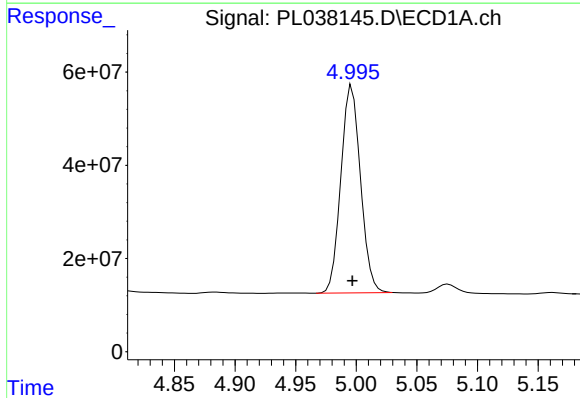
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 576571548
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



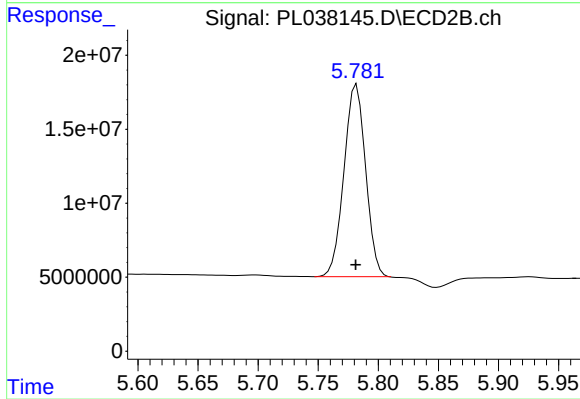
#7 delta-BHC

R.T.: 4.966 min
Delta R.T.: 0.001 min
Response: 191762245
Conc: 57.82 ng/ml



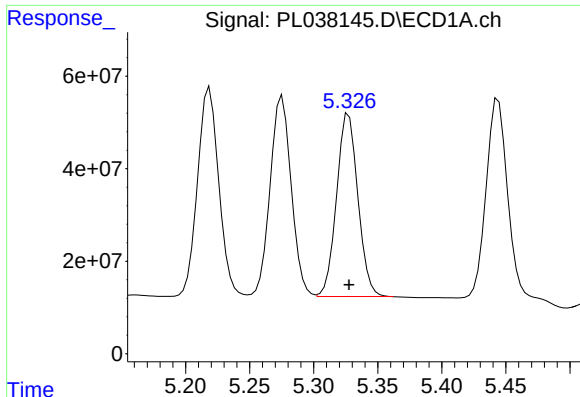
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 501890812
Conc: 53.23 ng/ml



#8 Heptachlor epoxide

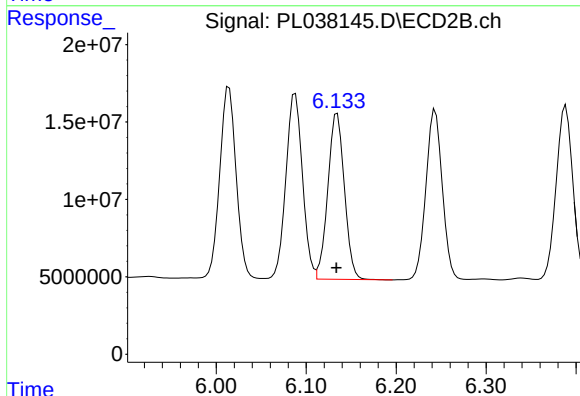
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 162833794
Conc: 57.30 ng/ml



#9 Endosulfan I

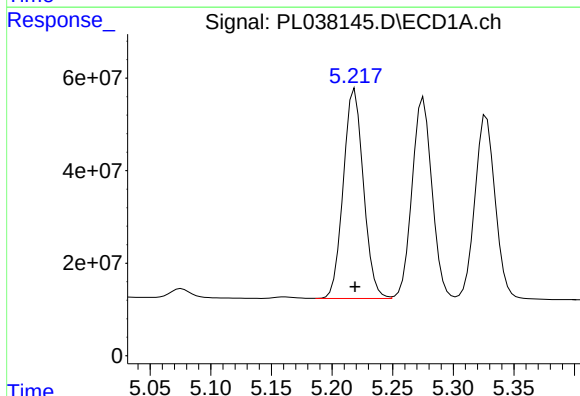
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 457593150
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



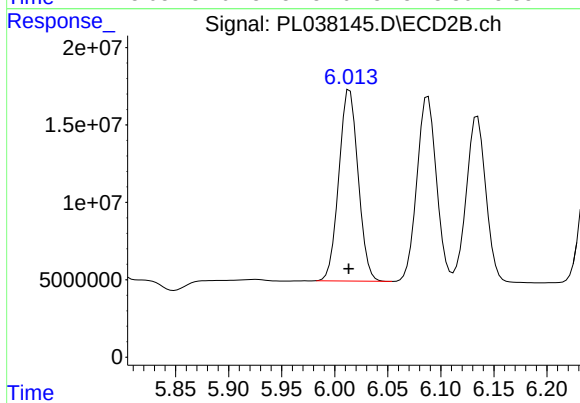
#9 Endosulfan I

R.T.: 6.135 min
Delta R.T.: 0.001 min
Response: 137383616
Conc: 53.42 ng/ml



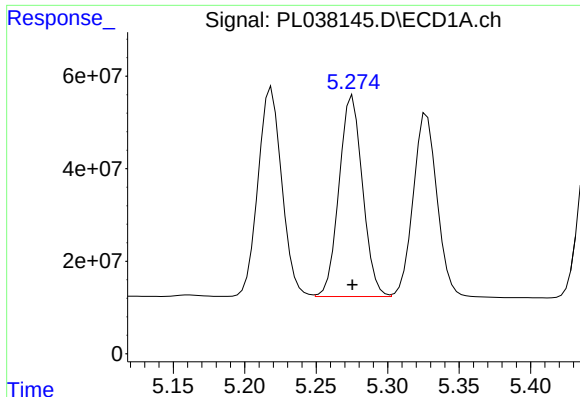
#10 gamma-Chlordane

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 522731169
Conc: 52.89 ng/ml



#10 gamma-Chlordane

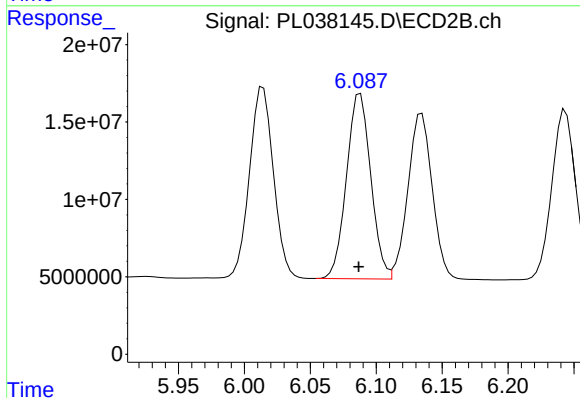
R.T.: 6.014 min
Delta R.T.: 0.001 min
Response: 156222207
Conc: 53.88 ng/ml



#11 alpha-Chlordane

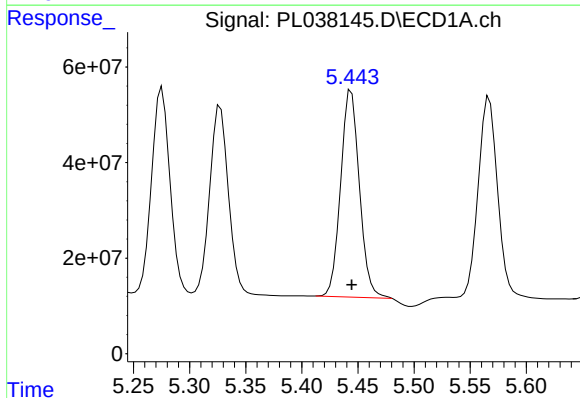
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 497450104
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



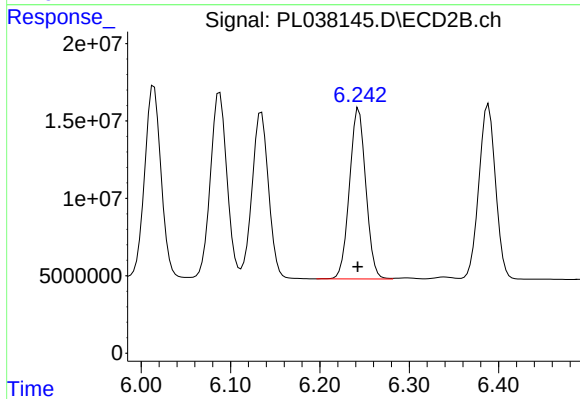
#11 alpha-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 153273039
Conc: 53.48 ng/ml



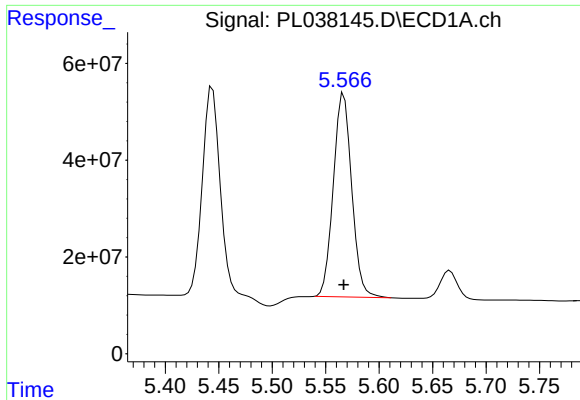
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 504282531
Conc: 52.60 ng/ml



#12 4,4'-DDE

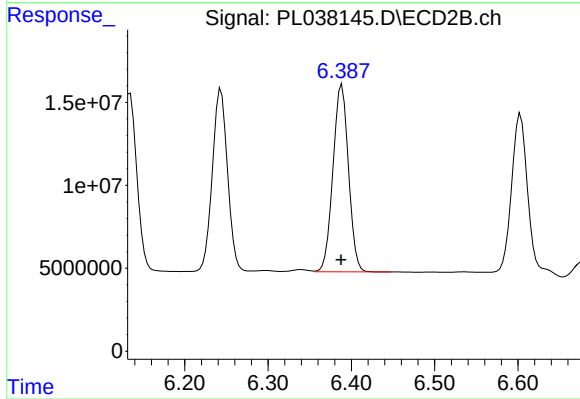
R.T.: 6.244 min
Delta R.T.: 0.001 min
Response: 139992539
Conc: 52.35 ng/ml



#13 Dieldrin

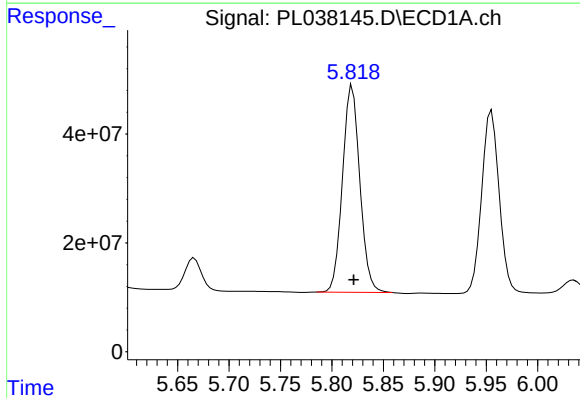
R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 503510139
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



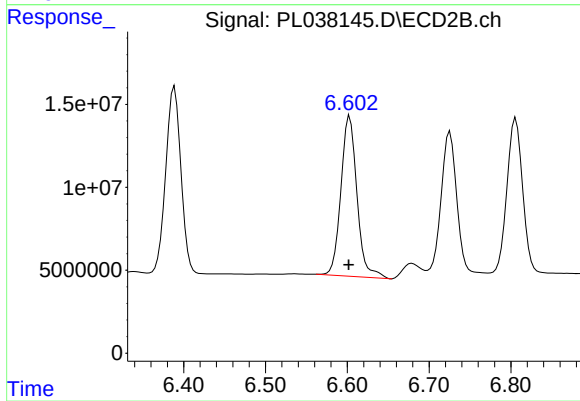
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 146142100
Conc: 53.69 ng/ml



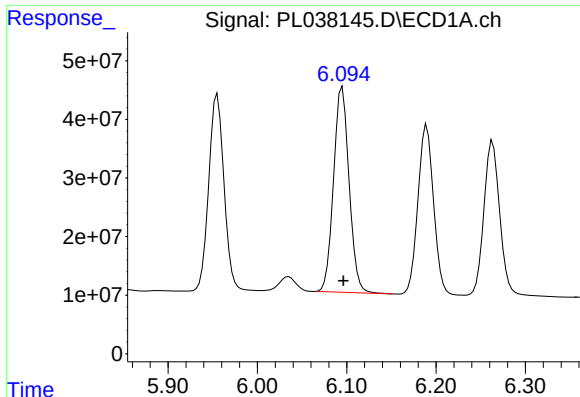
#14 Endrin

R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 446604338
Conc: 51.40 ng/ml



#14 Endrin

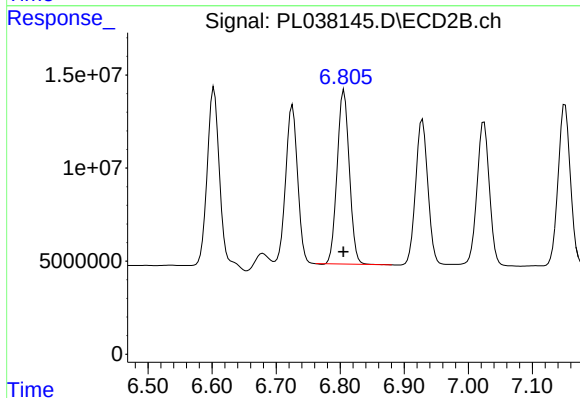
R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 131087466
Conc: 54.89 ng/ml



#15 Endosulfan II

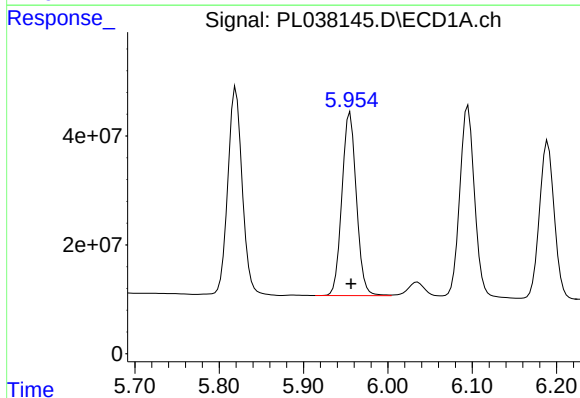
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 422717090
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



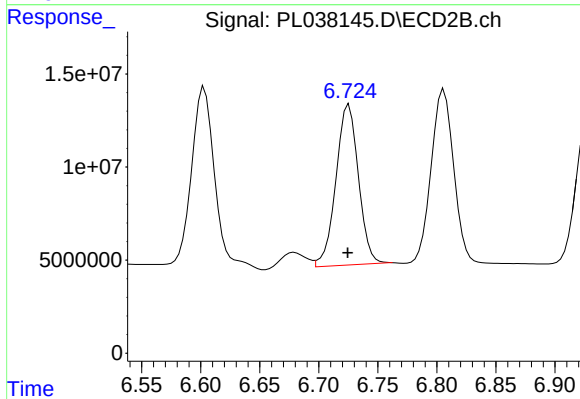
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 123337302
Conc: 51.36 ng/ml



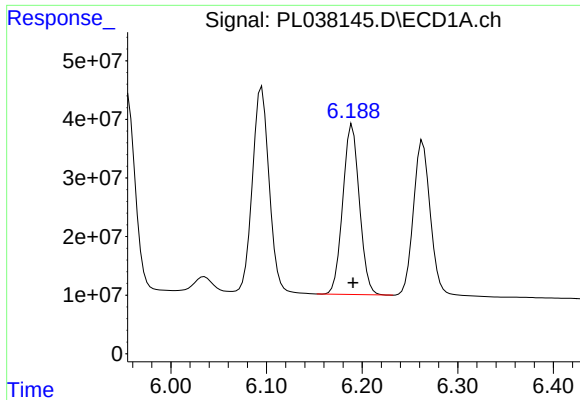
#16 4,4'-DDD

R.T.: 5.955 min
Delta R.T.: -0.001 min
Response: 401670004
Conc: 54.76 ng/ml



#16 4,4'-DDD

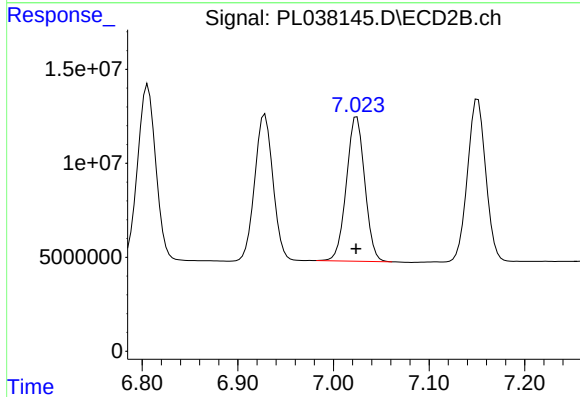
R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 114265485
Conc: 53.38 ng/ml



#17 4,4'-DDT

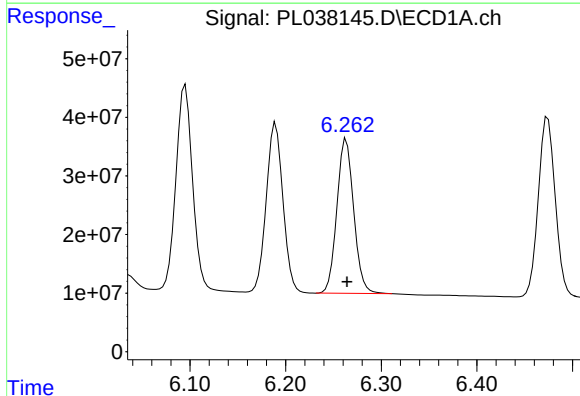
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 352188037
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



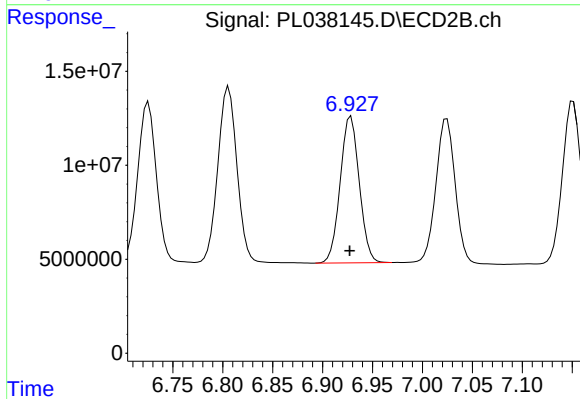
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 102868876
Conc: 48.25 ng/ml



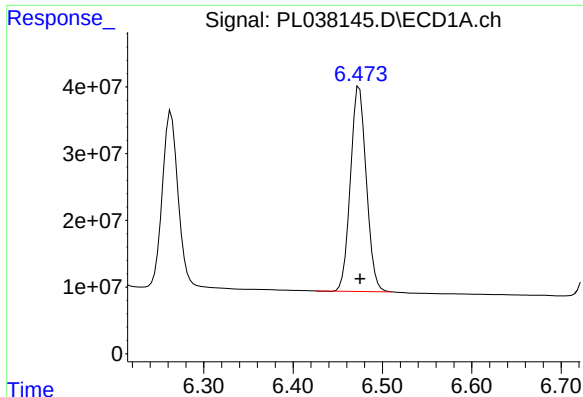
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 321967894
Conc: 50.56 ng/ml



#18 Endrin aldehyde

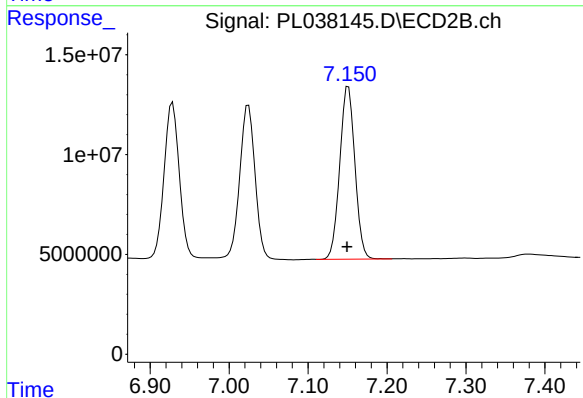
R.T.: 6.928 min
Delta R.T.: 0.001 min
Response: 103562752
Conc: 53.07 ng/ml



#19 Endosulfan Sulfate

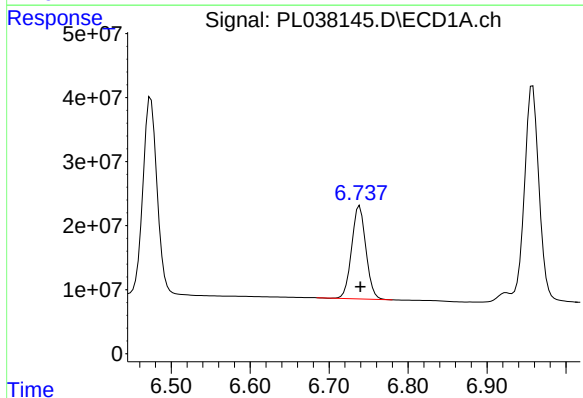
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 378607988
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



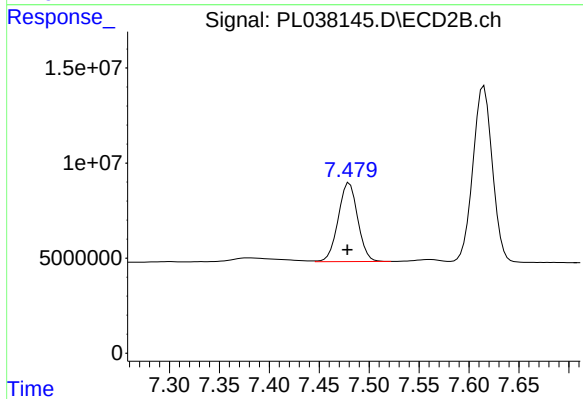
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 115449307
Conc: 52.96 ng/ml



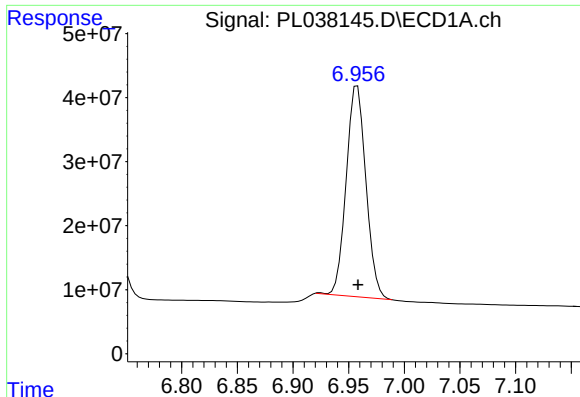
#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 182334818
Conc: 47.39 ng/ml



#20 Methoxychlor

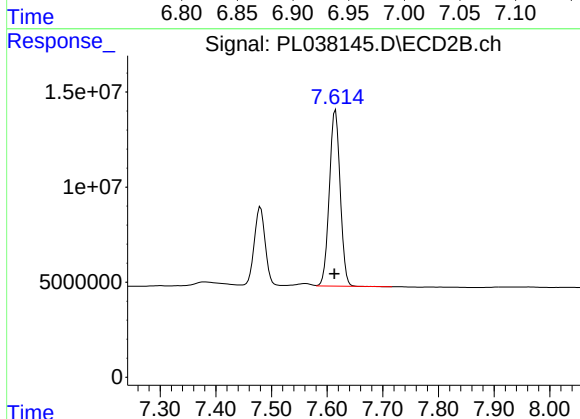
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 56258513
Conc: 49.41 ng/ml



#21 Endrin ketone

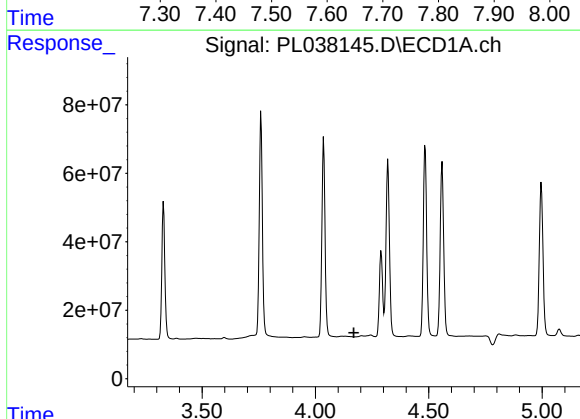
R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 404763249
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



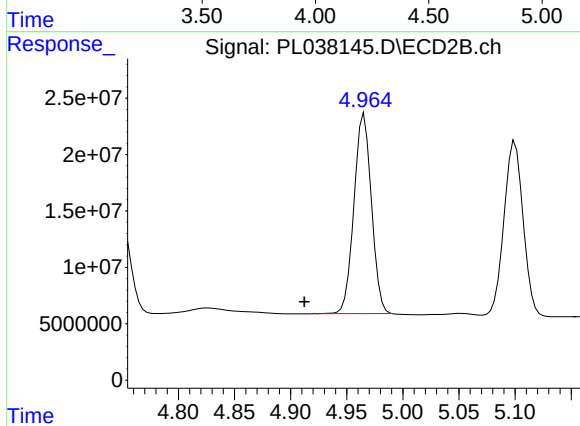
#21 Endrin ketone

R.T.: 7.615 min
Delta R.T.: 0.002 min
Response: 125337279
Conc: 52.58 ng/ml



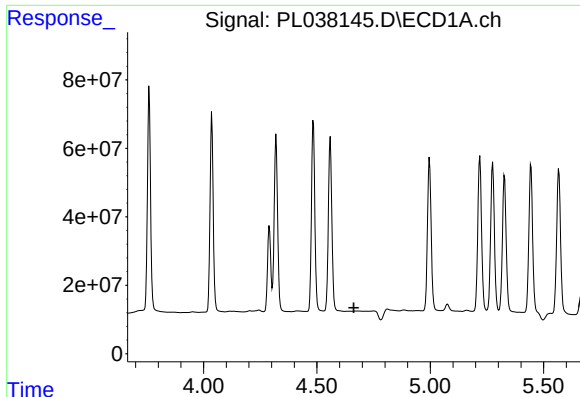
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.169 min
Response: 0
Conc: N.D.



#23 Chlordane-1

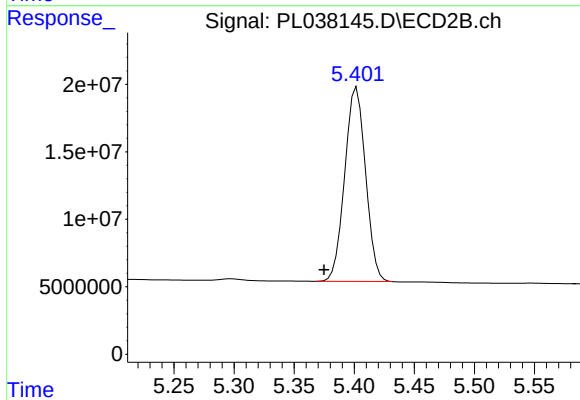
R.T.: 4.966 min
Delta R.T.: 0.053 min
Response: 191762245
Conc: 1654.76 ng/ml



#24 Chlordane-2

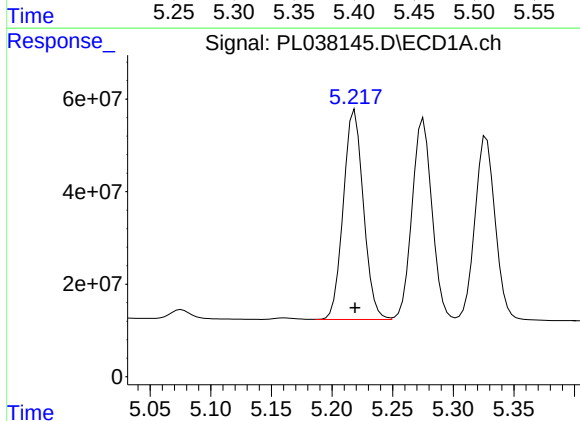
R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



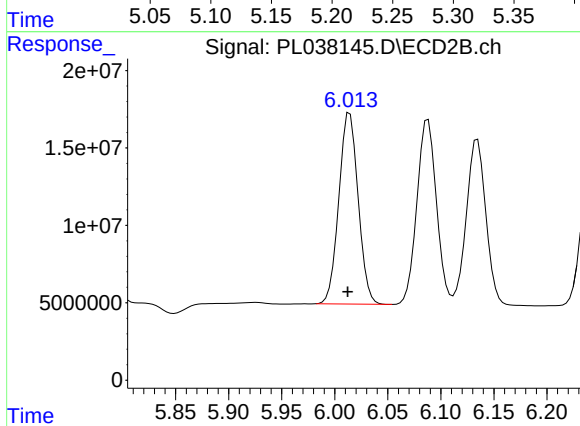
#24 Chlordane-2

R.T.: 5.402 min
Delta R.T.: 0.027 min
Response: 173573505
Conc: 1449.46 ng/ml



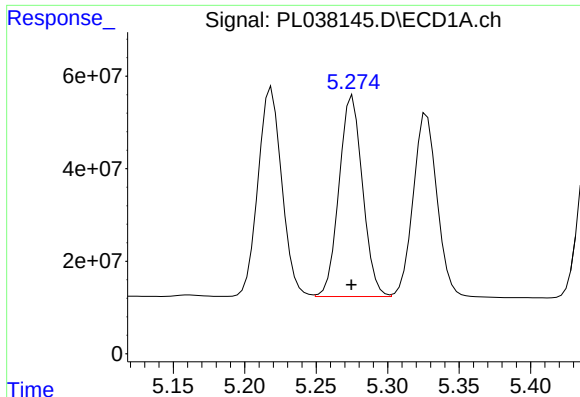
#25 Chlordane-3

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 522731169
Conc: 449.34 ng/ml



#25 Chlordane-3

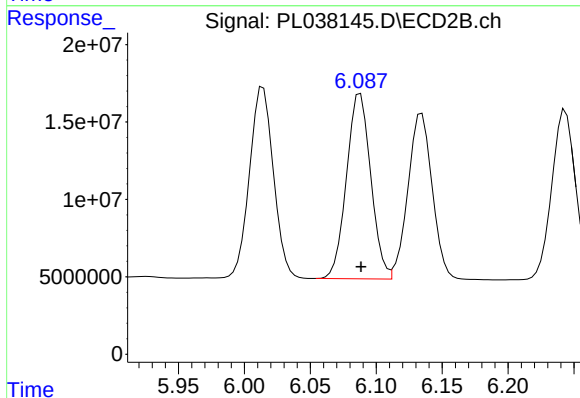
R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 156222207
Conc: 382.99 ng/ml



#26 Chlordane-4

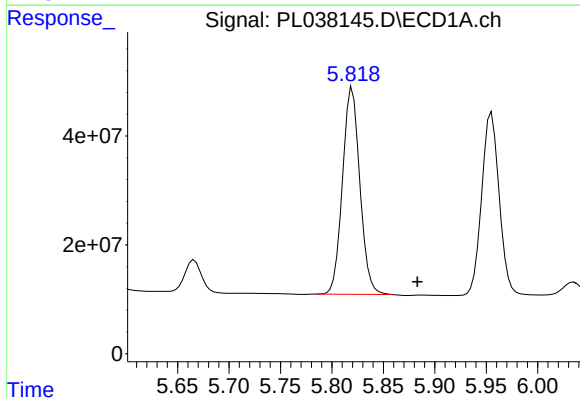
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 497450104
Conc: 473.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



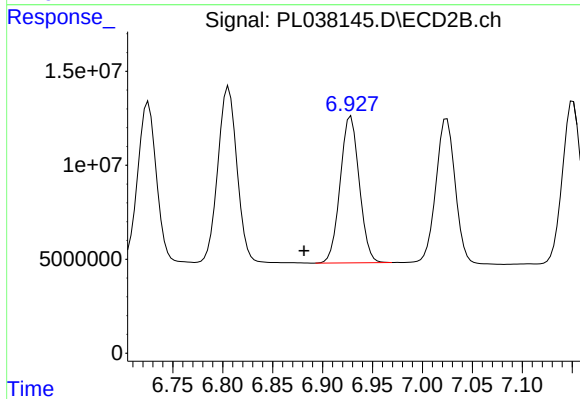
#26 Chlordane-4

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 153273039
Conc: 311.97 ng/ml



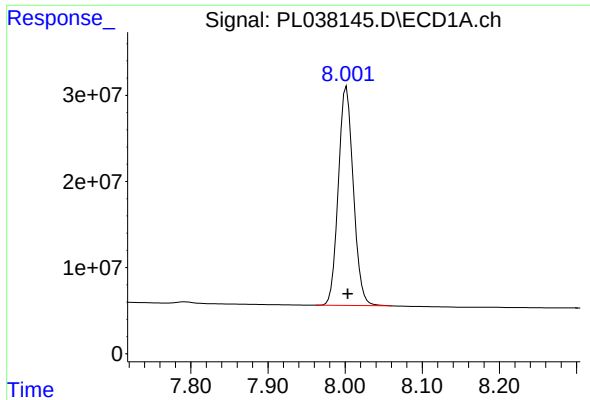
#27 Chlordane-5

R.T.: 5.820 min
Delta R.T.: -0.063 min
Response: 446604338
Conc: 2788.96 ng/ml



#27 Chlordane-5

R.T.: 6.928 min
Delta R.T.: 0.047 min
Response: 103562752
Conc: 1156.10 ng/ml



#28 Decachlorobiphenyl

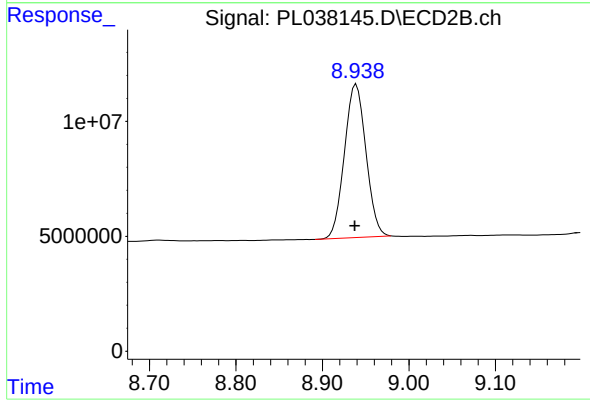
R.T.: 8.002 min

Delta R.T.: -0.002 min

Response: 343478146

Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.939 min

Delta R.T.: 0.002 min

Response: 115424083

Conc: 47.22 ng/ml