

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102419\
 Data File : PL053686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2019 15:45
 Operator : SG\AJ
 Sample : K5499-15MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 705-81-(0-1)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 01:18:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.542	4.044	143.9E6	31020098	13.276	12.396
28)	SA Decachlor...	8.325	9.121	96465431	21919337	9.832	7.784
Target Compounds							
2)	A alpha-BHC	3.985	4.435	790.7E6	163.9E6	45.346	47.422
3)	MA gamma-BHC...	4.272	4.720	781.8E6	167.1E6	50.198	51.874
4)	MA Heptachlor	4.579	5.230	728.0E6	147.3E6	46.125	45.701
5)	MB Aldrin	4.830	5.535	630.0E6	162.5E6	44.070	54.515
6)	B beta-BHC	4.522	4.891	312.8E6	51395928	47.472	33.274 #
7)	B delta-BHC	4.730	5.108	576.8E6	116.7E6	37.897	38.627
8)	B Heptachlor...	5.276	5.921	608.0E6	148.7E6	45.039	50.995
9)	A Endosulfan I	5.619	6.278	454.1E6	124.5E6	36.942	45.922
10)	B gamma-Chl...	5.505	6.155	665.0E6	142.2E6	48.740	48.739
11)	B alpha-Chl...	5.563	6.228	607.4E6	148.1E6	45.660	50.727
12)	B 4,4'-DDE	5.726	6.383	578.5E6	117.1E6	48.685	41.593
13)	MA Dieldrin	5.863	6.536	586.9E6	126.4E6	45.033	44.290
14)	MA Endrin	6.121	6.753	531.3E6	99893319	45.836	41.156
15)	B Endosulfa...	6.394	6.962	508.9E6	102.9E6	45.515	40.264
16)	A 4,4'-DDD	6.243	6.874	381.7E6	99124019	42.884	47.565
17)	MA 4,4'-DDT	6.486	7.173	734.7E6	114.0E6	74.163	49.283 #
18)	B Endrin al...	6.562	7.085	347.0E6	84961288	37.849	38.675
19)	B Endosulfa...	6.776	7.308	404.4E6	87081169	39.759	35.491
20)	A Methoxychlor	7.031	7.630	217.3E6	54777978	44.068	42.172
21)	B Endrin ke...	7.269	7.780	402.0E6	99167857	37.342	38.460
22)	Mirex	7.462	8.235	371.6E6	96410449	43.443	47.656
23)	Chlordane-1	4.427	5.039	13538066	5282385	38.171	62.985 #
24)	Chlordane-2	4.908f	5.535f	6438850	162.5E6	16.711	1654.817 #
25)	Chlordane-3	5.505	6.155	665.0E6	142.2E6	576.901	389.372 #
26)	Chlordane-4	5.563	6.228	607.4E6	148.1E6	647.962	329.853 #
27)	Chlordane-5	6.394f	7.049	508.9E6	3317759	1392.111	43.399 #

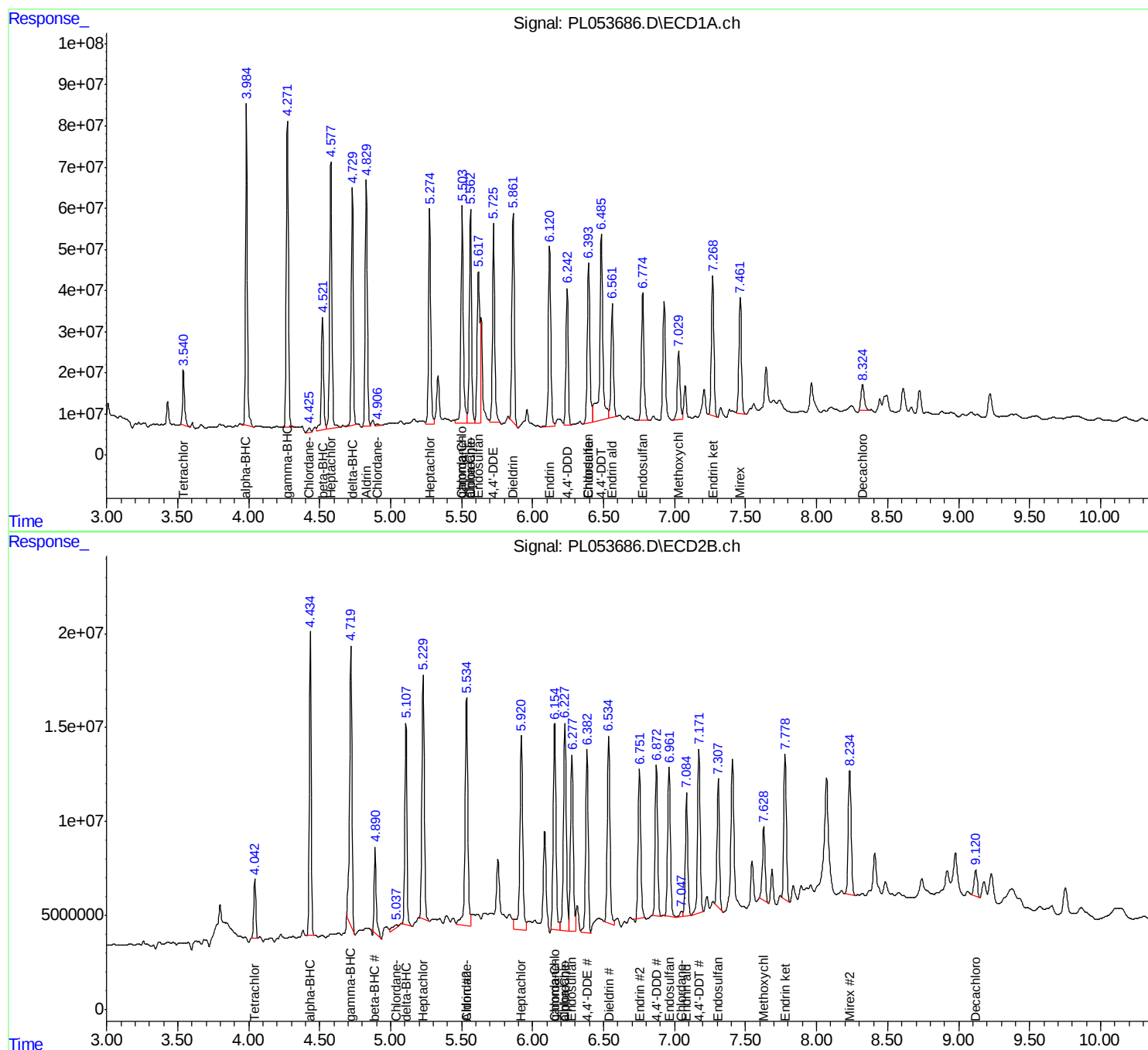
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

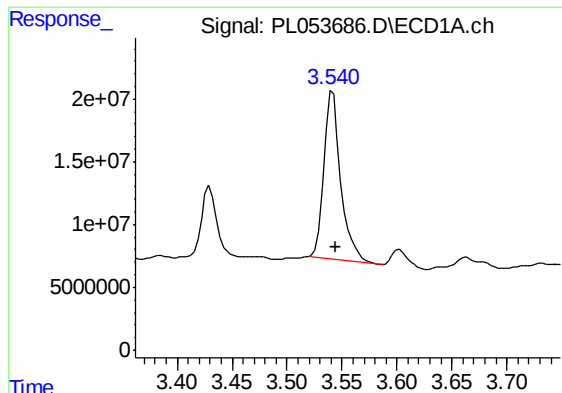
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102419\
Data File : PL053686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2019 15:45
Operator : SG\AJ
Sample : K5499-15MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 01:18:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 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

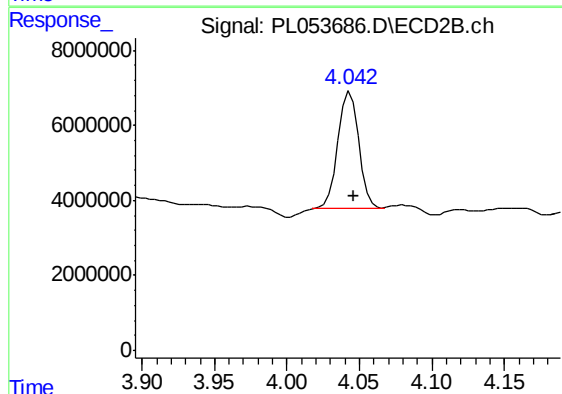




#1 Tetrachloro-m-xylene

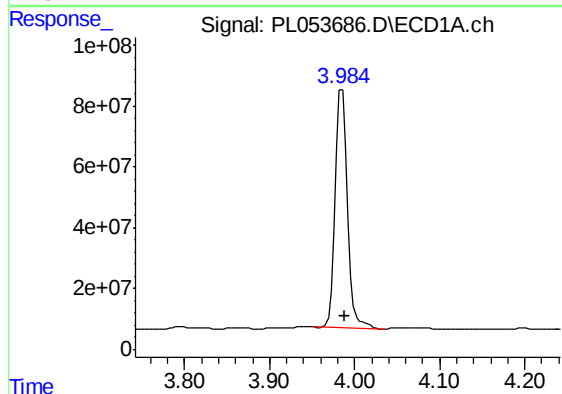
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 143903610
Conc: 13.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



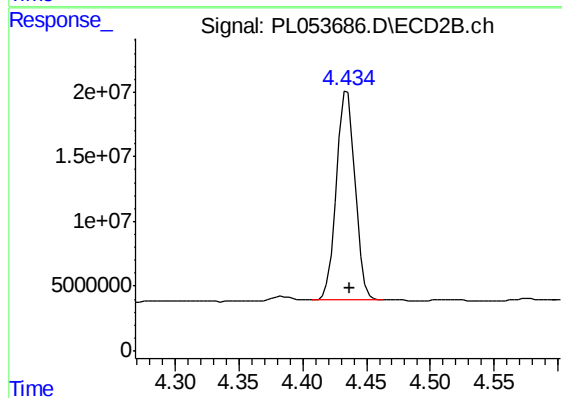
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 31020098
Conc: 12.40 ng/ml



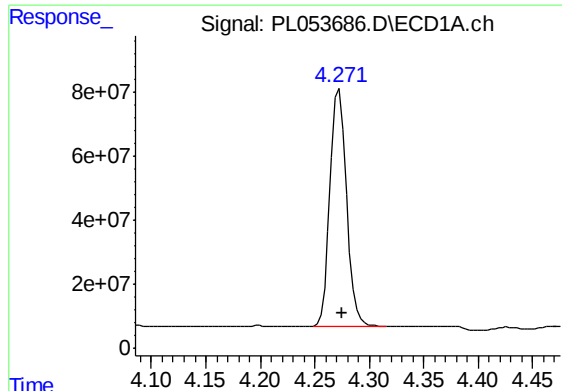
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 790681311
Conc: 45.35 ng/ml



#2 alpha-BHC

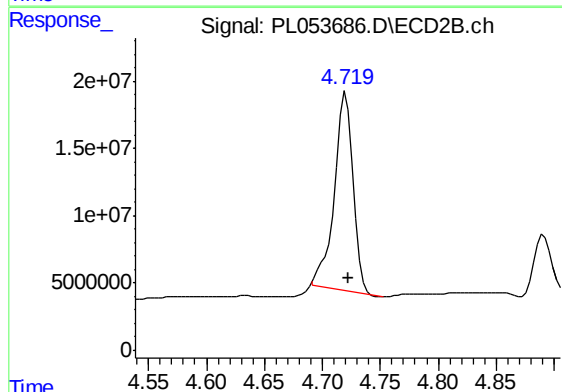
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 163943522
Conc: 47.42 ng/ml



#3 gamma-BHC (Lindane)

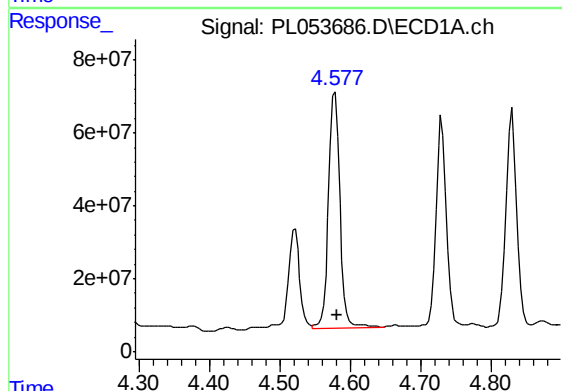
R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 781760249
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



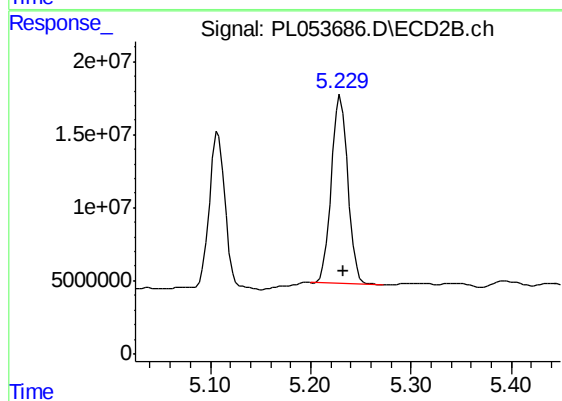
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 167054916
Conc: 51.87 ng/ml



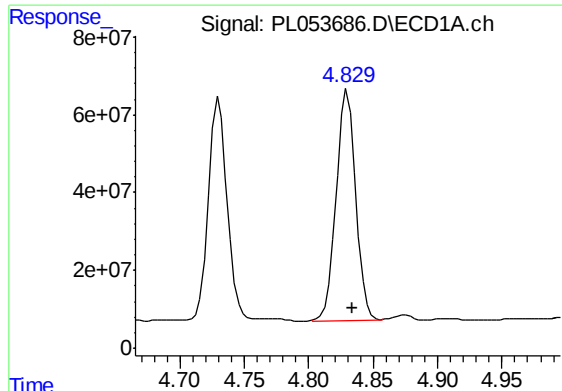
#4 Heptachlor

R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 727985051
Conc: 46.12 ng/ml



#4 Heptachlor

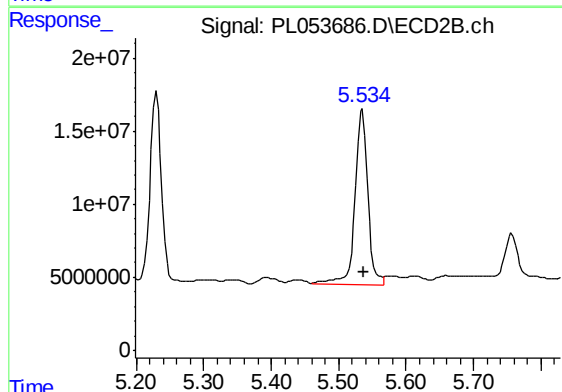
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 147256249
Conc: 45.70 ng/ml



#5 Aldrin

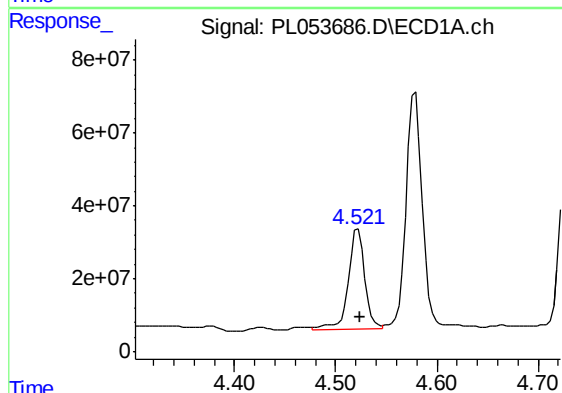
R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 630016487
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



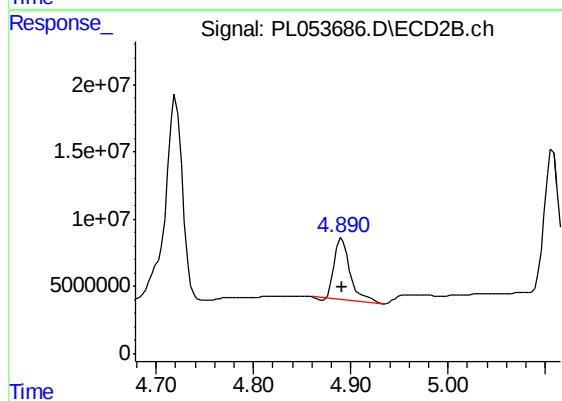
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 162538508
Conc: 54.51 ng/ml



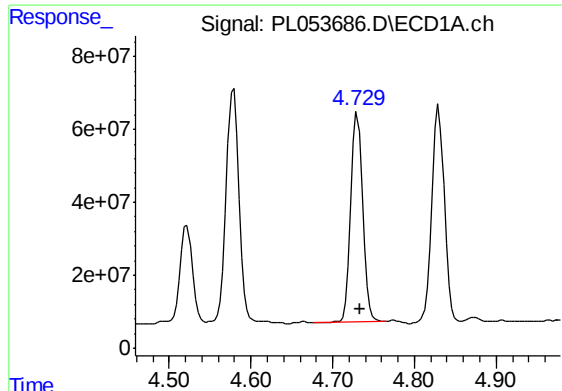
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 312833959
Conc: 47.47 ng/ml



#6 beta-BHC

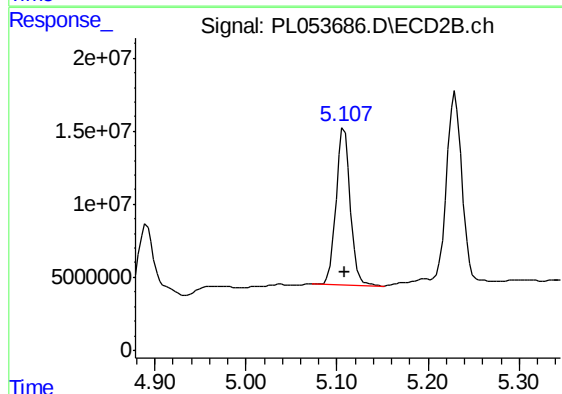
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 51395928
Conc: 33.27 ng/ml



#7 delta-BHC

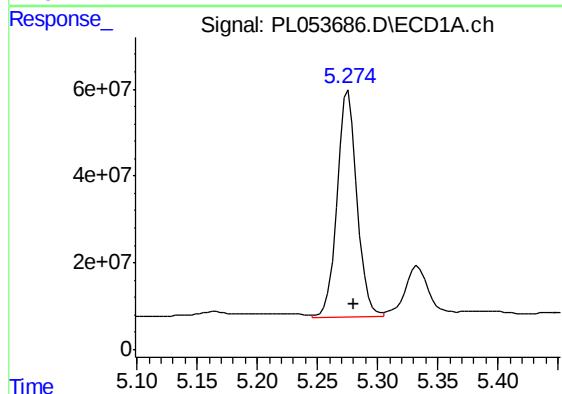
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 576840395
Conc: 37.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



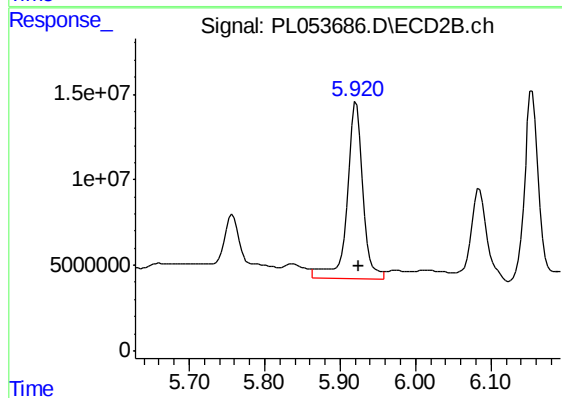
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 116675572
Conc: 38.63 ng/ml



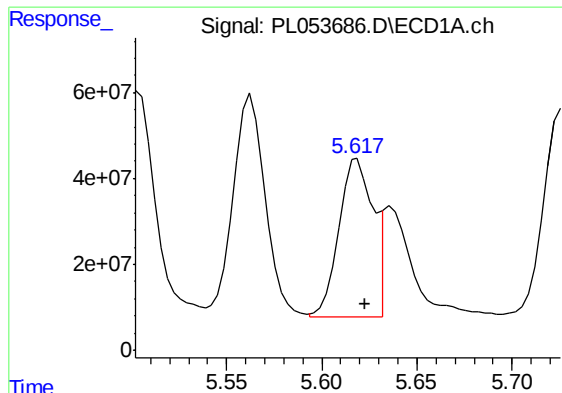
#8 Heptachlor epoxide

R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 607985346
Conc: 45.04 ng/ml



#8 Heptachlor epoxide

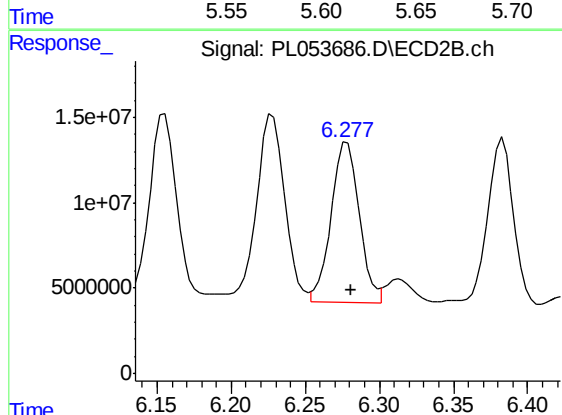
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 148722018
Conc: 51.00 ng/ml



#9 Endosulfan I

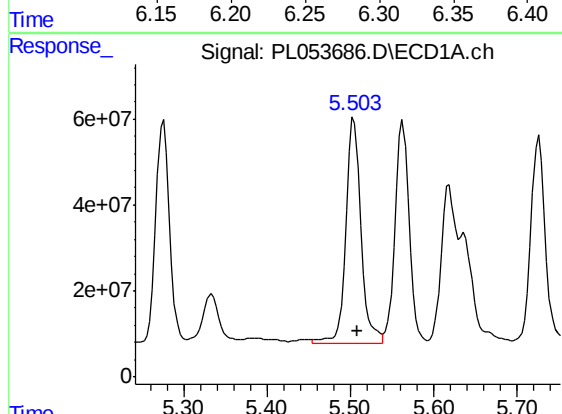
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 454098178
Conc: 36.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



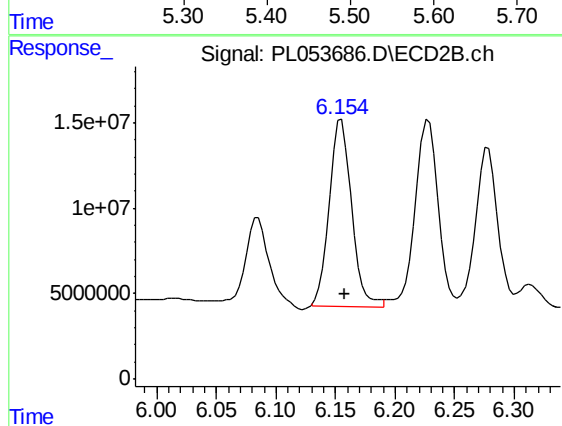
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 124505883
Conc: 45.92 ng/ml



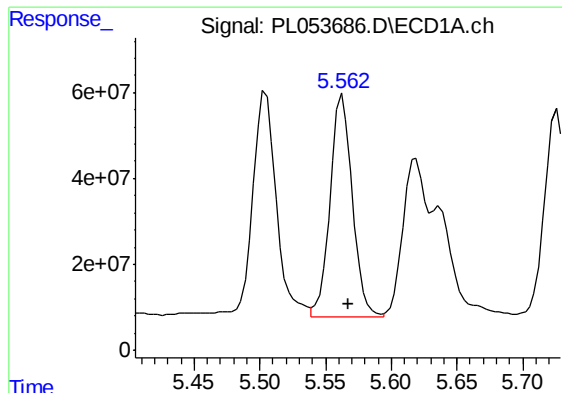
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 664985642
Conc: 48.74 ng/ml



#10 gamma-Chlordane

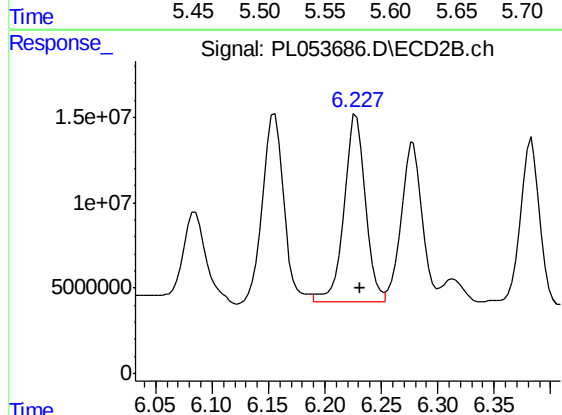
R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 142210401
Conc: 48.74 ng/ml



#11 alpha-Chlordane

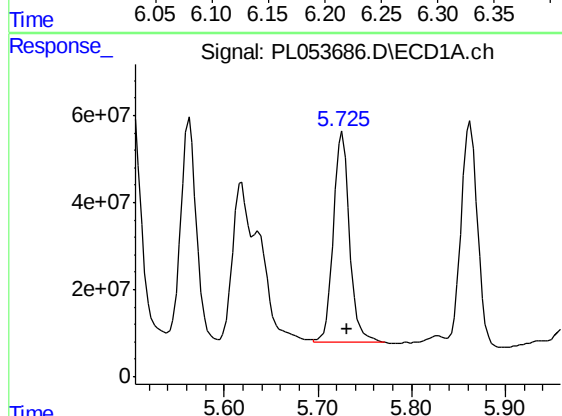
R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 607432779
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



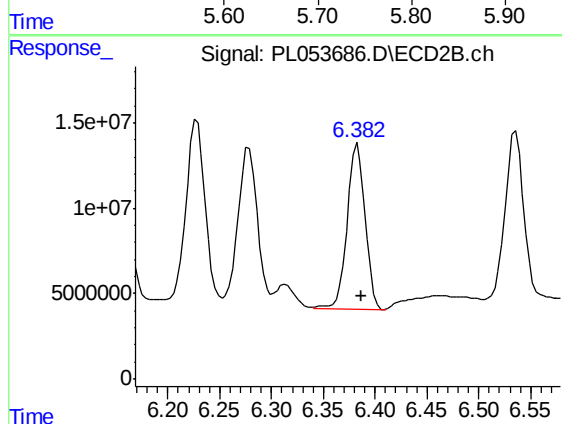
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 148083236
Conc: 50.73 ng/ml



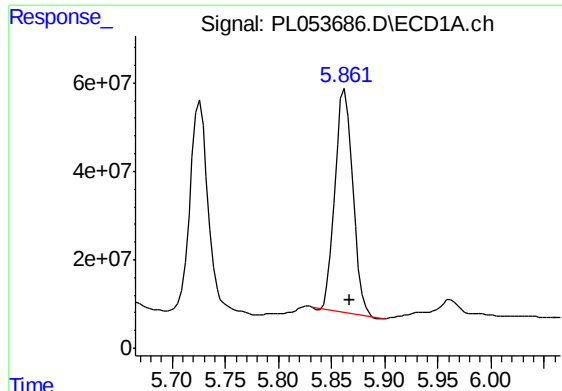
#12 4,4'-DDE

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 578486928
Conc: 48.68 ng/ml



#12 4,4'-DDE

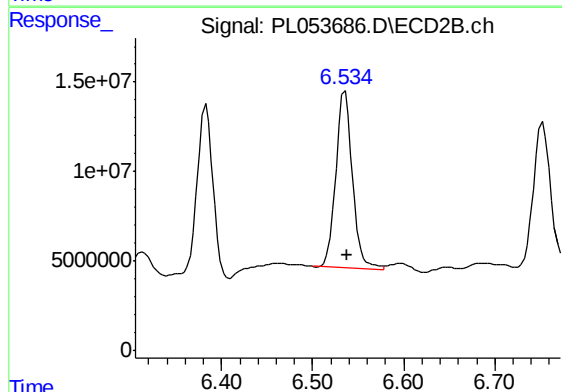
R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 117139669
Conc: 41.59 ng/ml



#13 Dielldrin

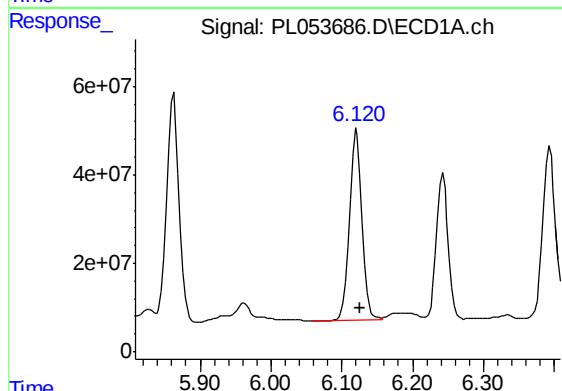
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 586932885
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



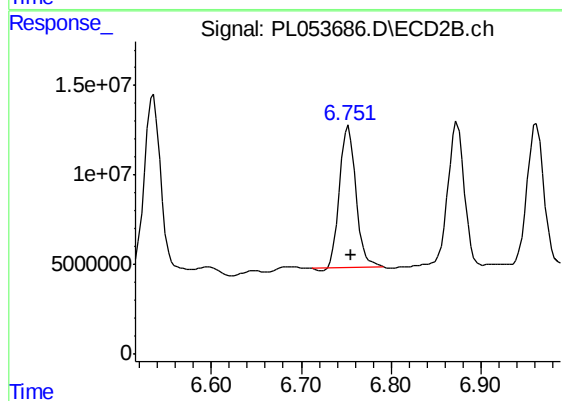
#13 Dielldrin

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 126388219
Conc: 44.29 ng/ml



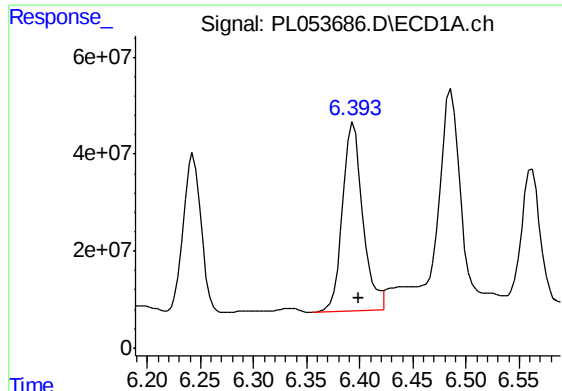
#14 Endrin

R.T.: 6.121 min
Delta R.T.: -0.005 min
Response: 531294340
Conc: 45.84 ng/ml



#14 Endrin

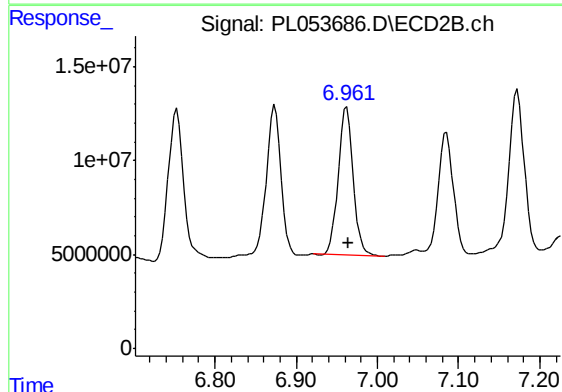
R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 99893319
Conc: 41.16 ng/ml



#15 Endosulfan II

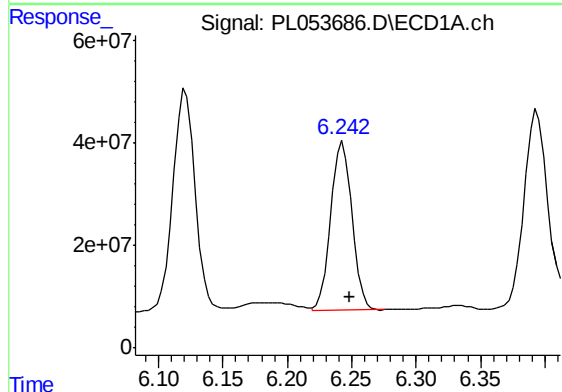
R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 508878074
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



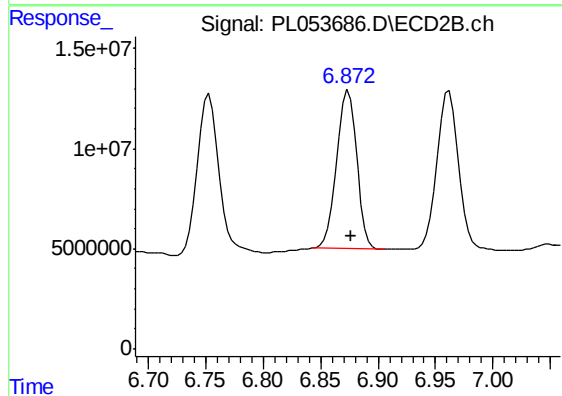
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 102855103
Conc: 40.26 ng/ml



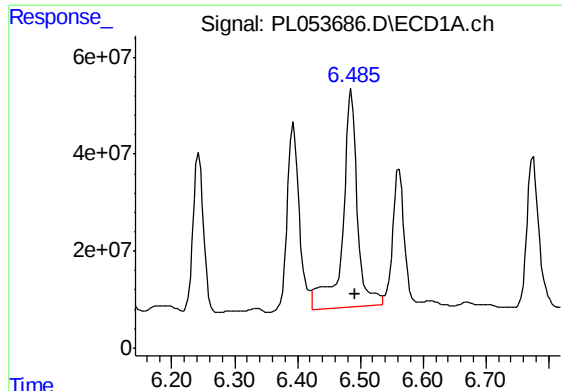
#16 4,4'-DDD

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 381662832
Conc: 42.88 ng/ml



#16 4,4'-DDD

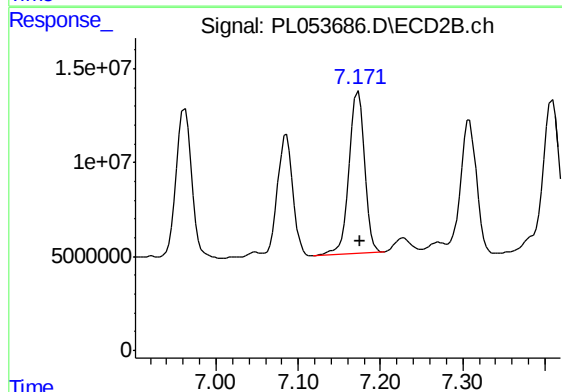
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 99124019
Conc: 47.57 ng/ml



#17 4,4'-DDT

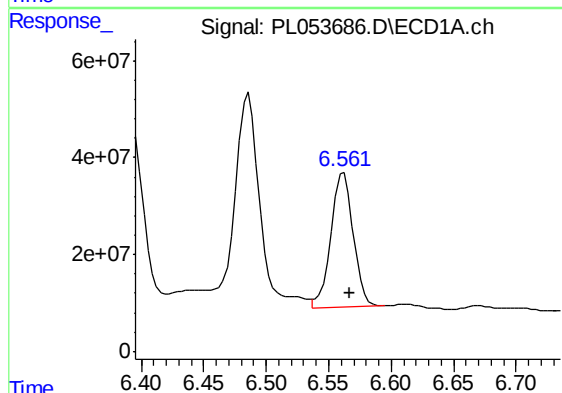
R.T.: 6.486 min
Delta R.T.: -0.005 min
Response: 734681814
Conc: 74.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



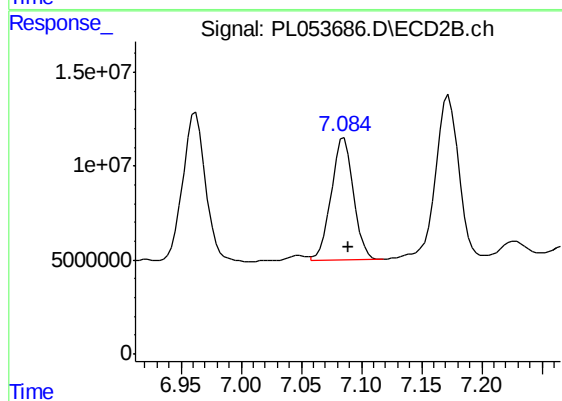
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 113967929
Conc: 49.28 ng/ml



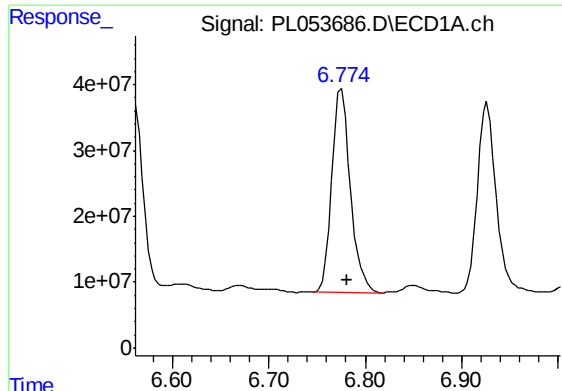
#18 Endrin aldehyde

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 347043791
Conc: 37.85 ng/ml



#18 Endrin aldehyde

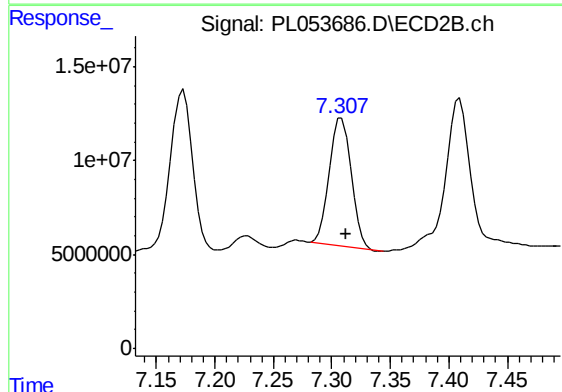
R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 84961288
Conc: 38.68 ng/ml



#19 Endosulfan Sulfate

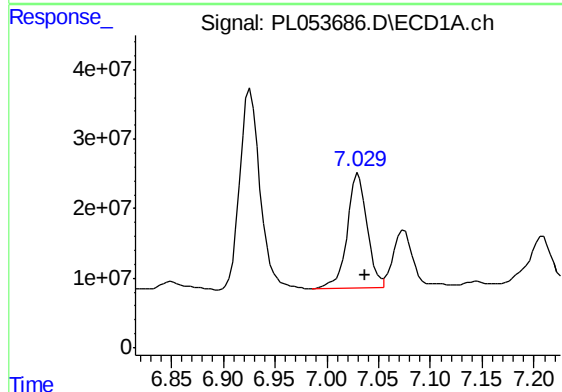
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 404417381
Conc: 39.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



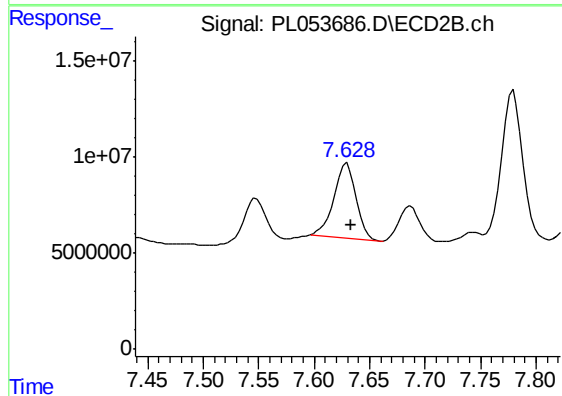
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 87081169
Conc: 35.49 ng/ml



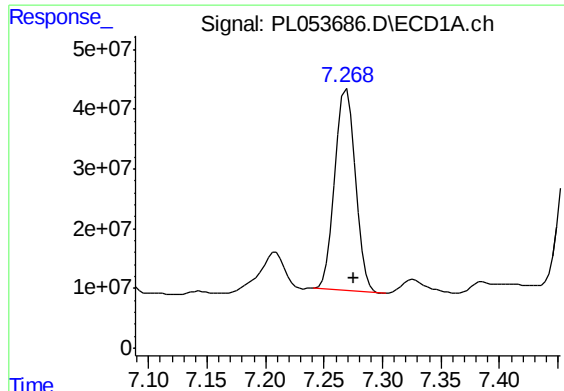
#20 Methoxychlor

R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 217270742
Conc: 44.07 ng/ml



#20 Methoxychlor

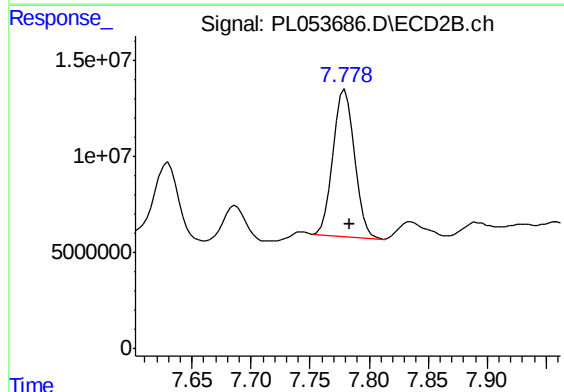
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 54777978
Conc: 42.17 ng/ml



#21 Endrin ketone

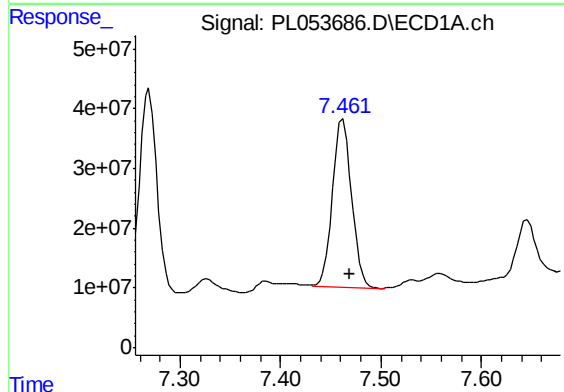
R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 401986976
Conc: 37.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



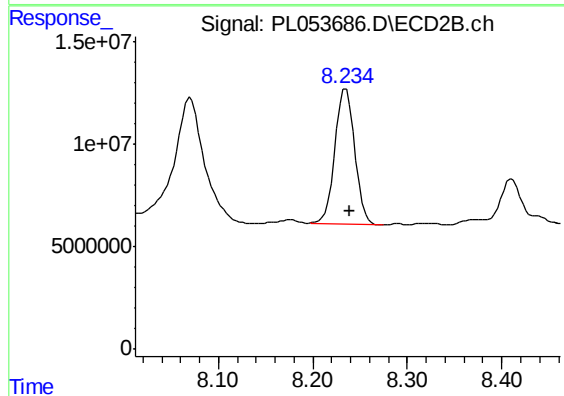
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 99167857
Conc: 38.46 ng/ml



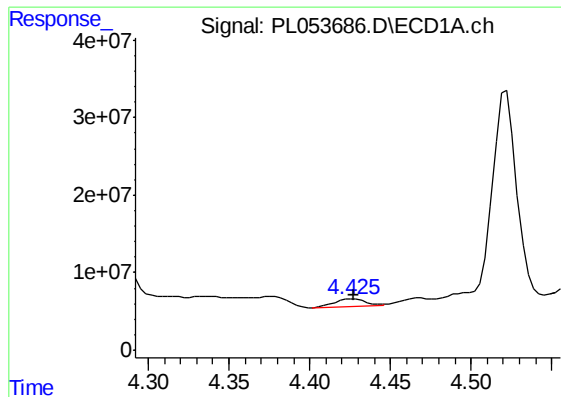
#22 Mirex

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 371564967
Conc: 43.44 ng/ml



#22 Mirex

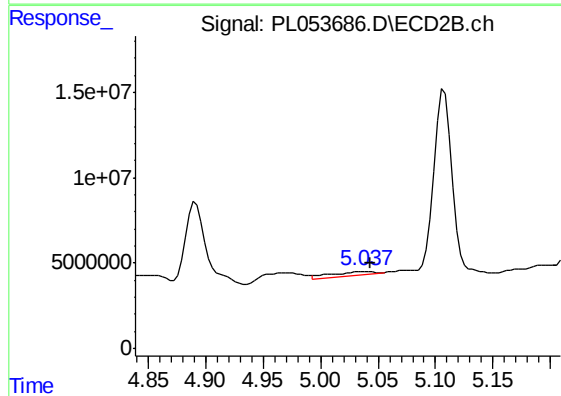
R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 96410449
Conc: 47.66 ng/ml



#23 Chlordane-1

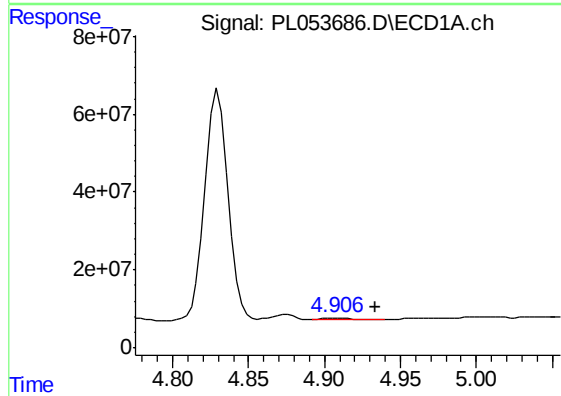
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 13538066
Conc: 38.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



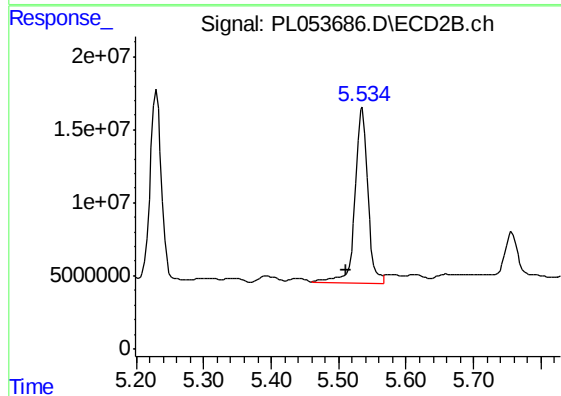
#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 5282385
Conc: 62.99 ng/ml



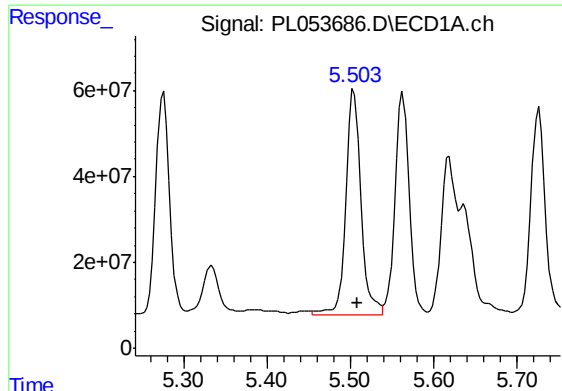
#24 Chlordane-2

R.T.: 4.908 min
Delta R.T.: -0.026 min
Response: 6438850
Conc: 16.71 ng/ml



#24 Chlordane-2

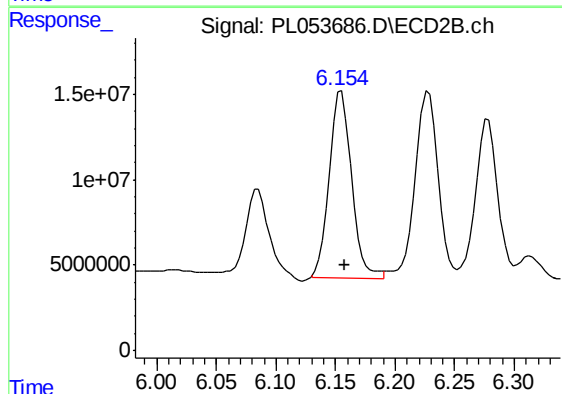
R.T.: 5.535 min
Delta R.T.: 0.025 min
Response: 162538508
Conc: 1654.82 ng/ml



#25 Chlordane-3

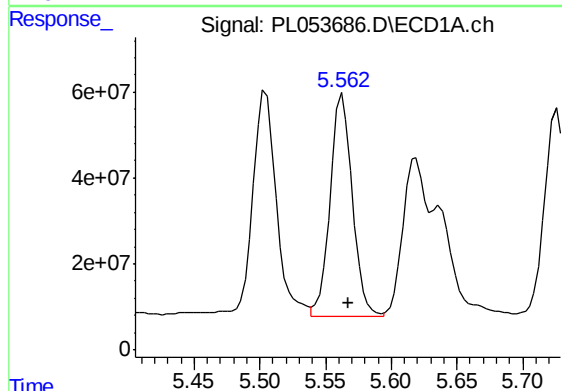
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 664985642
Conc: 576.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



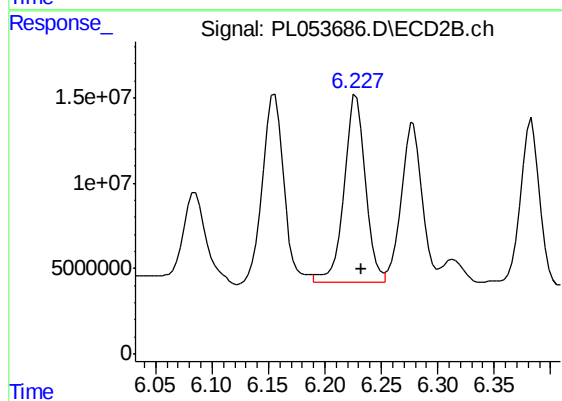
#25 Chlordane-3

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 142210401
Conc: 389.37 ng/ml



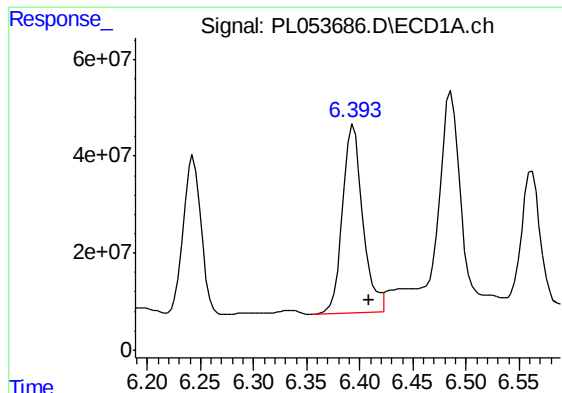
#26 Chlordane-4

R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 607432779
Conc: 647.96 ng/ml



#26 Chlordane-4

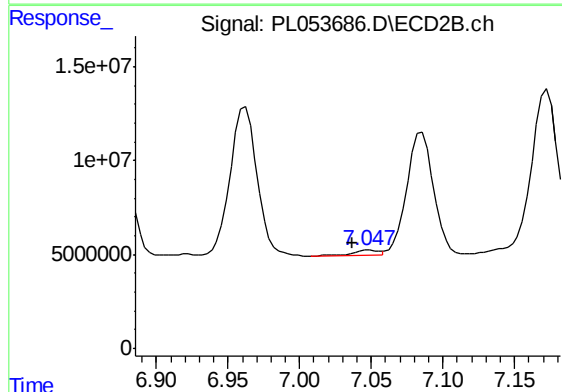
R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 148083236
Conc: 329.85 ng/ml



#27 Chlordane-5

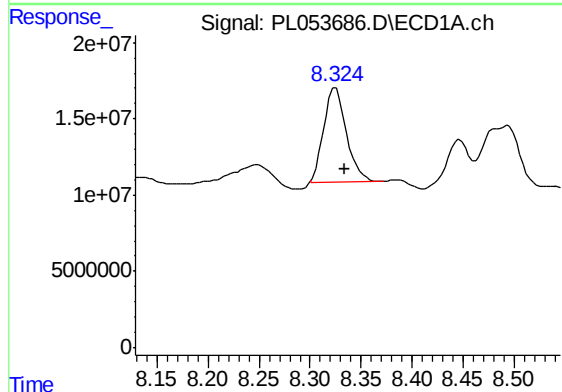
R.T.: 6.394 min
Delta R.T.: -0.015 min
Response: 508878074
Conc: 1392.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
705-81-(0-1)MSD



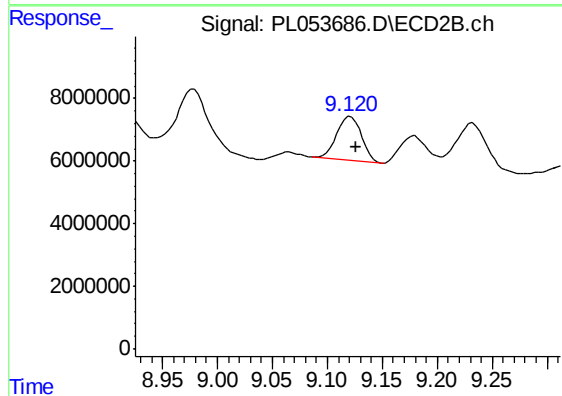
#27 Chlordane-5

R.T.: 7.049 min
Delta R.T.: 0.012 min
Response: 3317759
Conc: 43.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 96465431
Conc: 9.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 21919337
Conc: 7.78 ng/ml