

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082319\
 Data File : PL051763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 16:28
 Operator : SG\AJ
 Sample : K4475-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:46:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.314	3.925	174.8E6	43788232	20.420	20.042
28)	SA Decachlor...	7.973	8.952	180.4E6	44704476	14.860	14.687
Target Compounds							
2)	A alpha-BHC	3.741	4.314	762.5E6	175.6E6	52.623	54.507
3)	MA gamma-BHC...	4.017	4.597	698.5E6	173.9E6	53.090	55.250
4)	MA Heptachlor	4.300	5.098	790.3E6	185.7E6	52.206	52.962
5)	MB Aldrin	4.538	5.399	744.8E6	178.3E6	51.539	54.390
6)	B beta-BHC	4.272	4.774	301.3E6	81866907	52.769	56.172
7)	B delta-BHC	4.464	4.987	708.0E6	151.3E6	47.614	48.330
8)	B Heptachlo...	4.974	5.786	671.5E6	166.9E6	48.011	49.450
9)	A Endosulfan I	5.304	6.141	609.6E6	161.2E6	45.348	49.853
10)	B gamma-Chl...	5.196	6.020	720.1E6	177.0E6	48.228	48.483
11)	B alpha-Chl...	5.251	6.091	686.1E6	176.2E6	47.409	51.044
12)	B 4,4'-DDE	5.419	6.251	694.5E6	167.0E6	50.748	47.454
13)	MA Dieldrin	5.542	6.397	767.5E6	172.6E6	50.477	50.406
14)	MA Endrin	5.795	6.614	671.8E6	155.3E6	46.059	51.347
15)	B Endosulfa...	6.070	6.827	614.5E6	164.6E6	44.165	49.946
16)	A 4,4'-DDD	5.929	6.743	532.9E6	148.5E6	43.520	54.859 #
17)	MA 4,4'-DDT	6.162	7.039	615.5E6	143.9E6	48.271	49.153
18)	B Endrin al...	6.237	6.951	505.8E6	131.1E6	43.483	46.385
19)	B Endosulfa...	6.449	7.173	739.0E6	156.4E6	56.806	50.657
20)	A Methoxychlor	6.707	7.500	351.5E6	78208639	51.844	46.630
21)	B Endrin ke...	6.929	7.642	644.7E6	160.4E6	45.570	50.133
22)	Mirex	7.103	8.090	447.6E6	125.8E6	42.275	51.692
23)	Chlordane-1	4.163	0.000	6308159	0	19.580	N.D. #
24)	Chlordane-2	4.674f	5.399f	10289820	178.3E6	25.176	1776.810 #
25)	Chlordane-3	5.196	6.020	720.1E6	177.0E6	554.665	397.298 #
26)	Chlordane-4	5.251	6.091	686.1E6	176.2E6	562.654	324.339 #
27)	Chlordane-5	6.070	0.000	614.5E6	0	1252.275	N.D. #

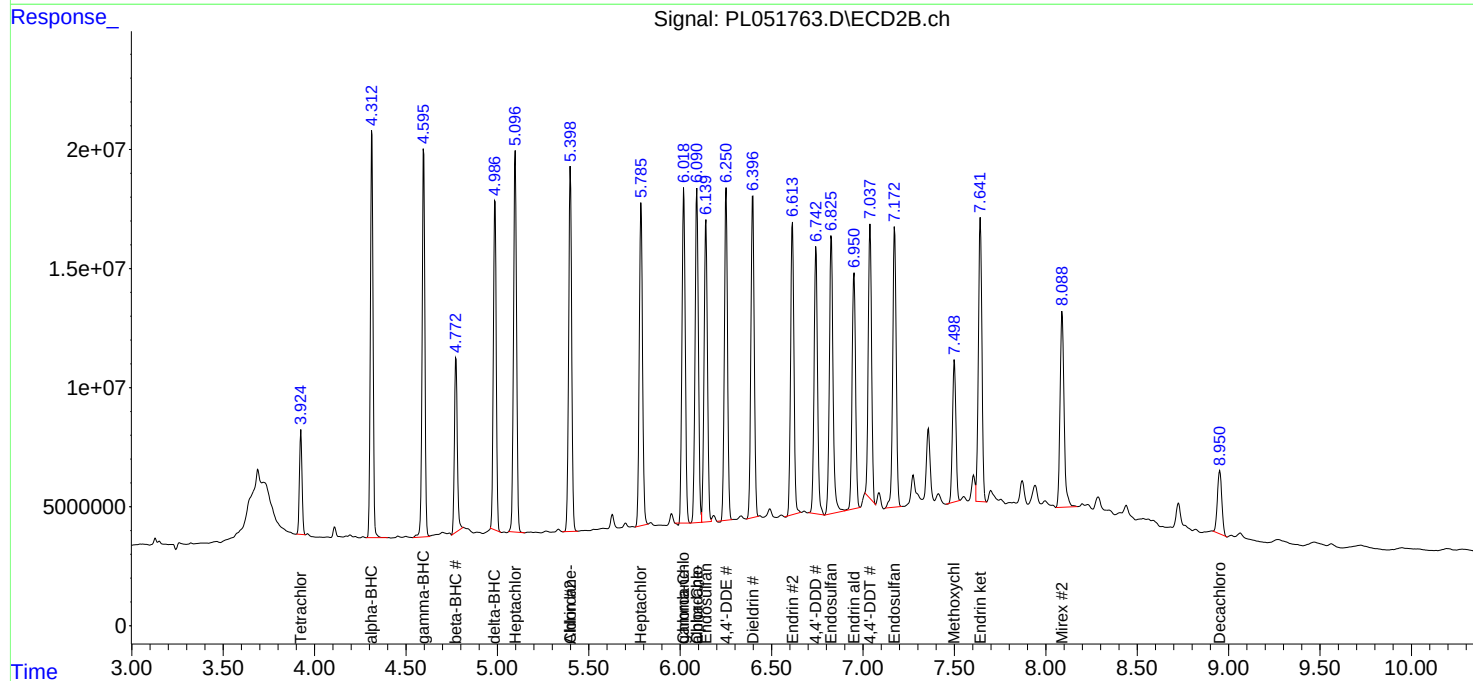
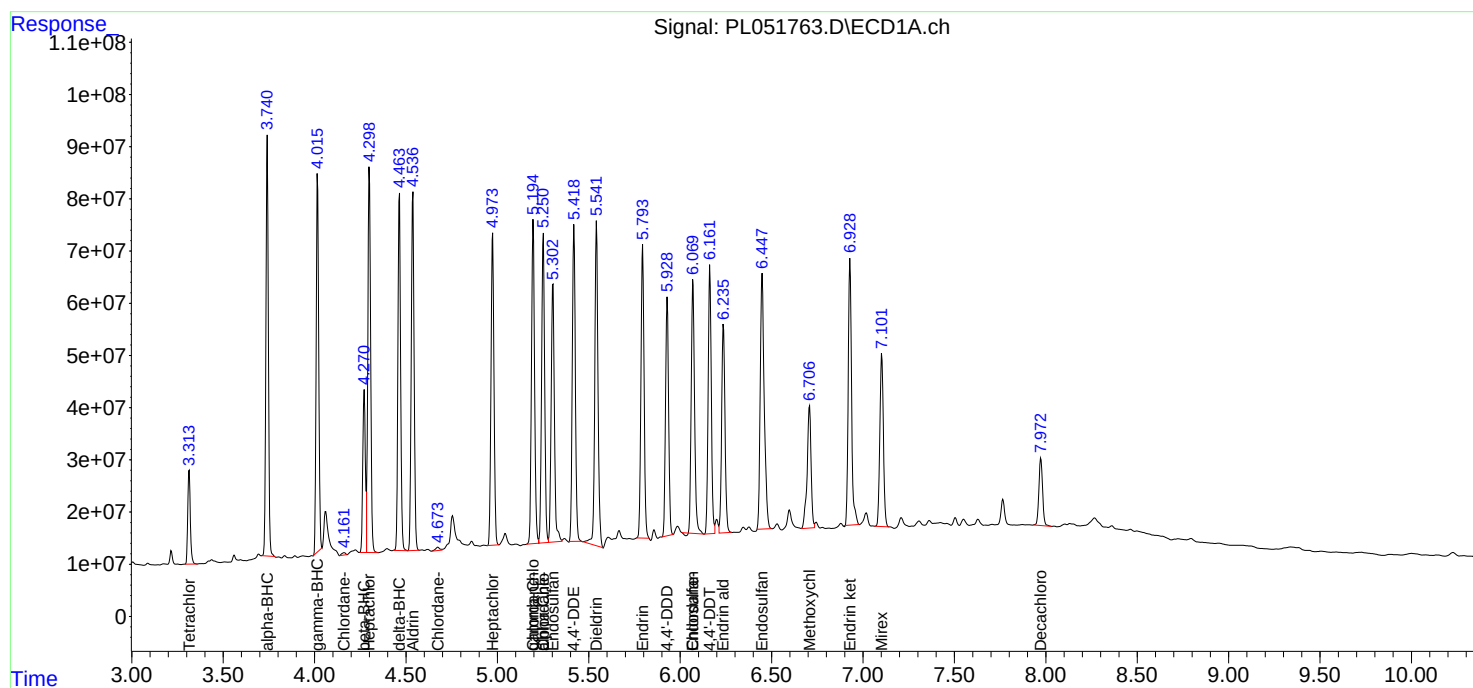
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

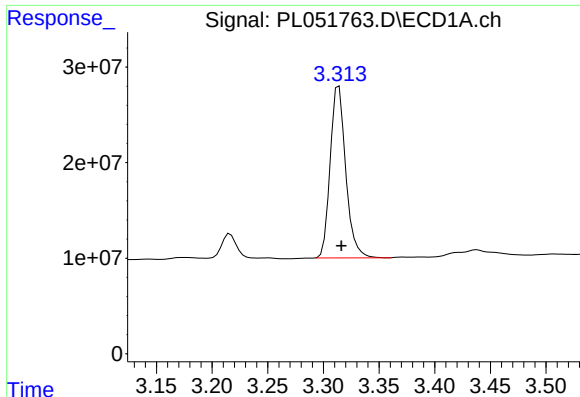
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082319\
Data File : PL051763.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

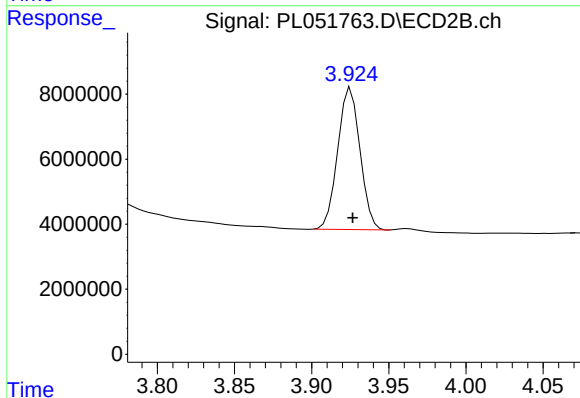




#1 Tetrachloro-m-xylene

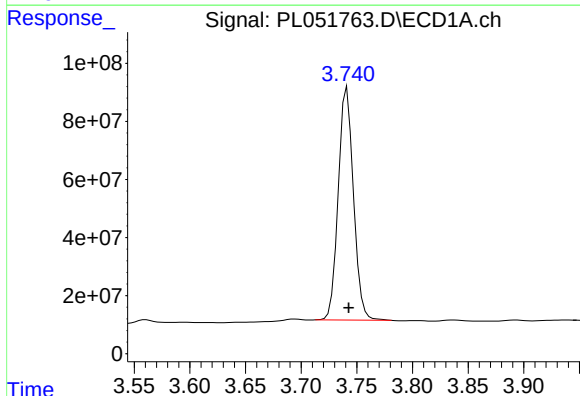
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 174768633
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



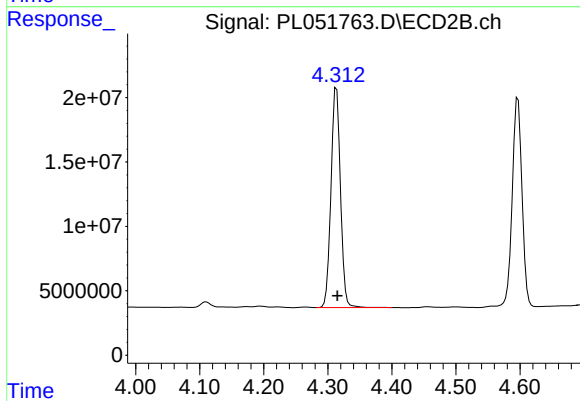
#1 Tetrachloro-m-xylene

R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 43788232
Conc: 20.04 ng/ml



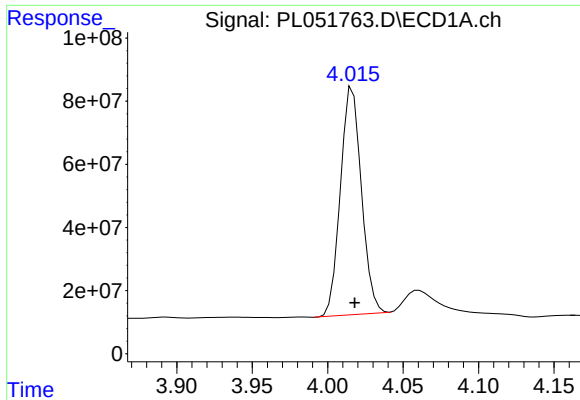
#2 alpha-BHC

R.T.: 3.741 min
Delta R.T.: -0.001 min
Response: 762487566
Conc: 52.62 ng/ml



#2 alpha-BHC

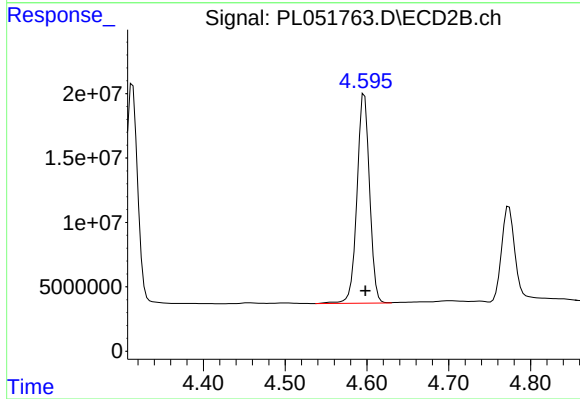
R.T.: 4.314 min
Delta R.T.: -0.001 min
Response: 175641519
Conc: 54.51 ng/ml



#3 gamma-BHC (Lindane)

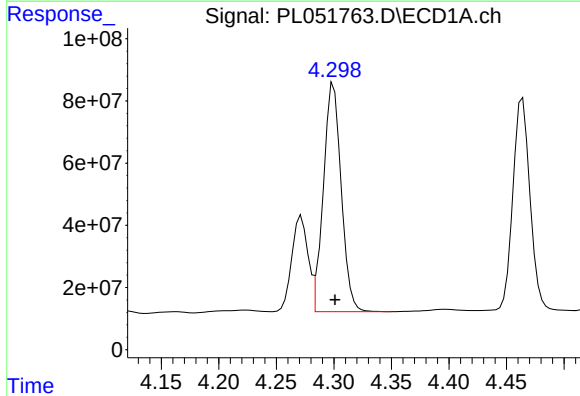
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 698478691
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



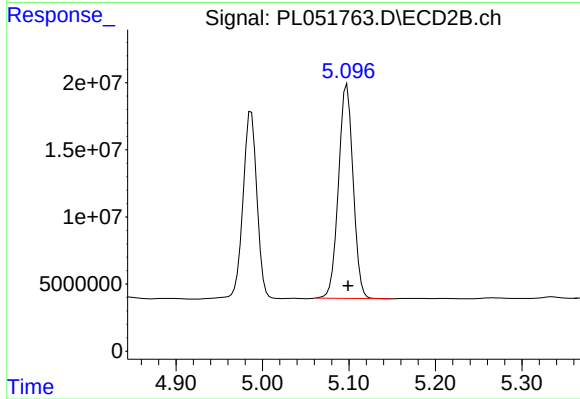
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: -0.001 min
Response: 173944263
Conc: 55.25 ng/ml



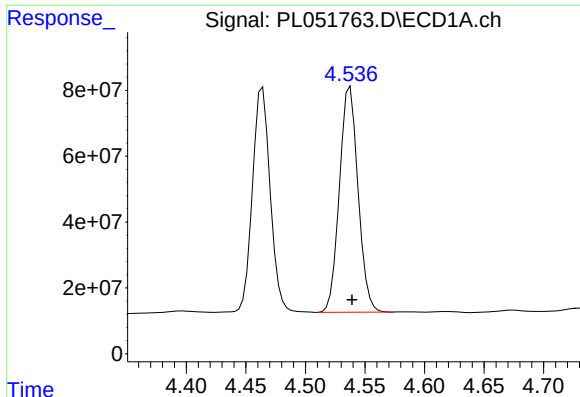
#4 Heptachlor

R.T.: 4.300 min
Delta R.T.: -0.001 min
Response: 790334353
Conc: 52.21 ng/ml



#4 Heptachlor

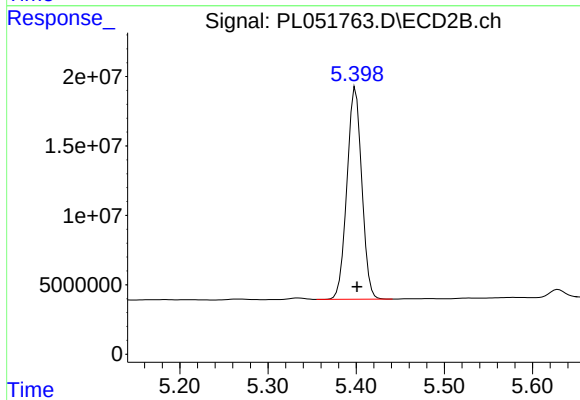
R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 185731468
Conc: 52.96 ng/ml



#5 Aldrin

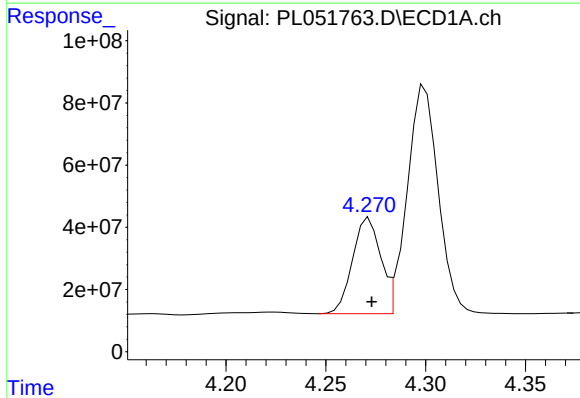
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 744774189
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



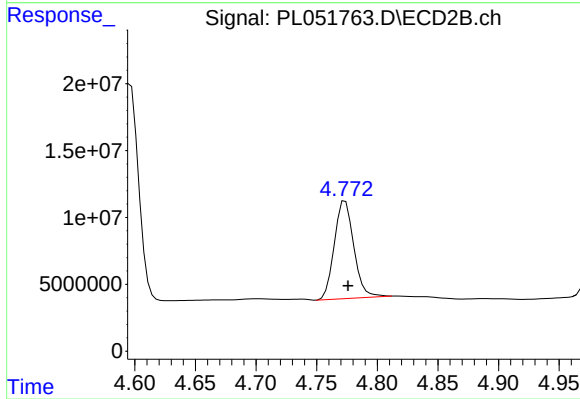
#5 Aldrin

R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 178339491
Conc: 54.39 ng/ml



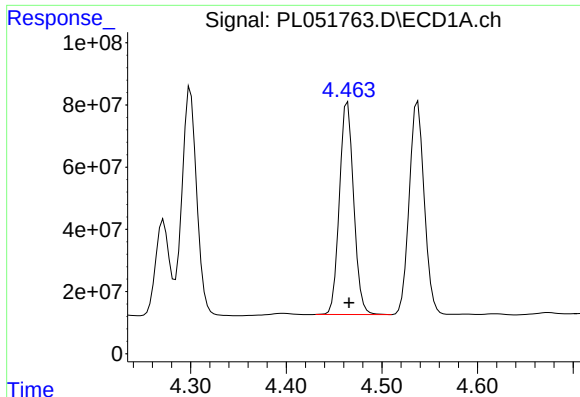
#6 beta-BHC

R.T.: 4.272 min
Delta R.T.: -0.001 min
Response: 301315280
Conc: 52.77 ng/ml



#6 beta-BHC

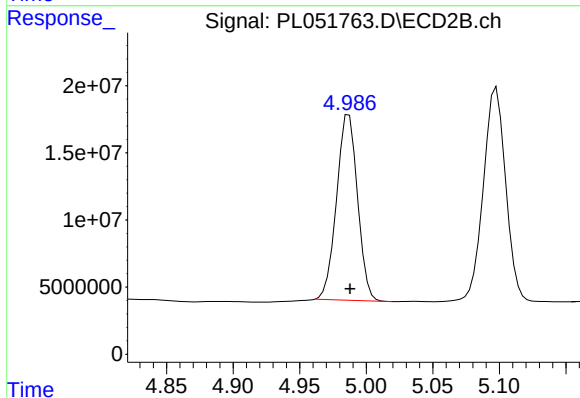
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 81866907
Conc: 56.17 ng/ml



#7 delta-BHC

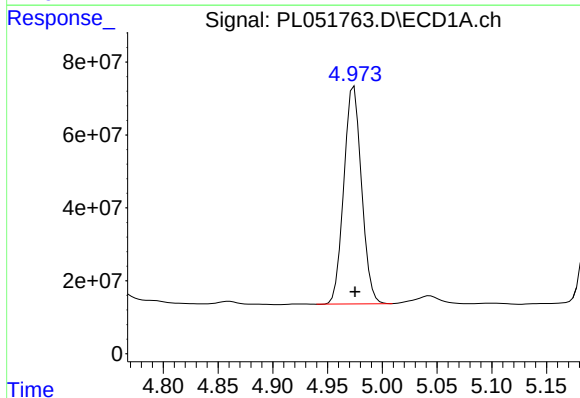
R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 707975063
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



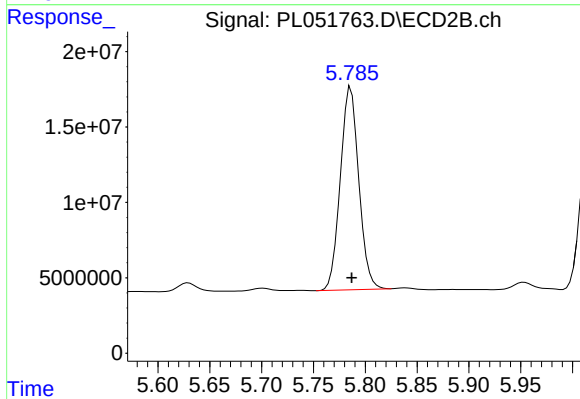
#7 delta-BHC

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 151261888
Conc: 48.33 ng/ml



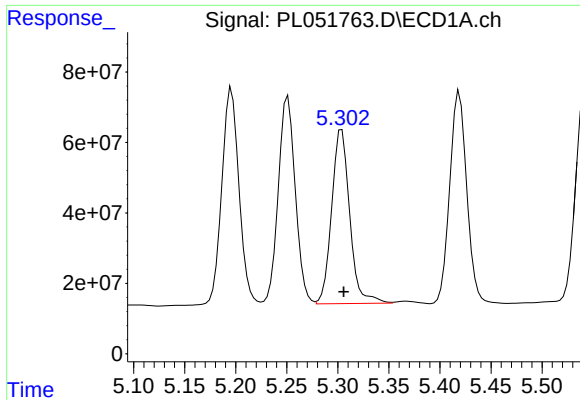
#8 Heptachlor epoxide

R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 671454295
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

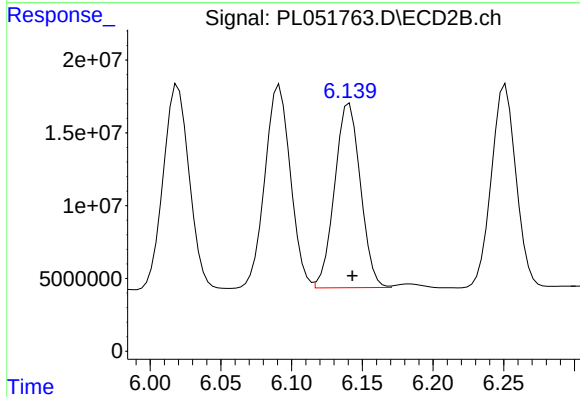
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 166885285
Conc: 49.45 ng/ml



#9 Endosulfan I

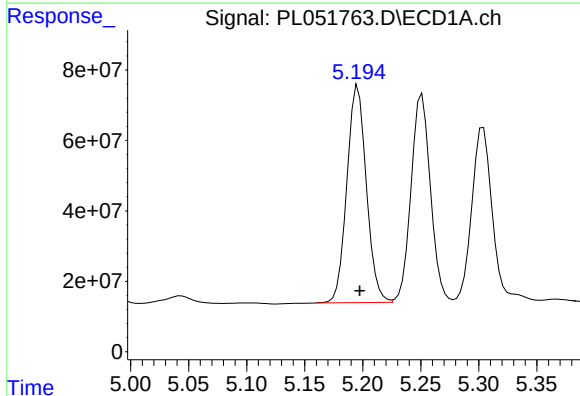
R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 609643808
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



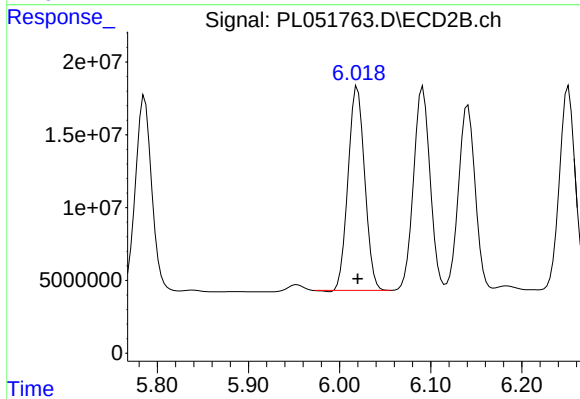
#9 Endosulfan I

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 161183892
Conc: 49.85 ng/ml



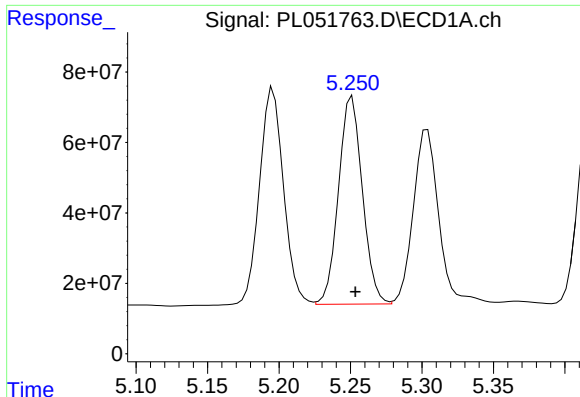
#10 gamma-Chlordane

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 720143629
Conc: 48.23 ng/ml



#10 gamma-Chlordane

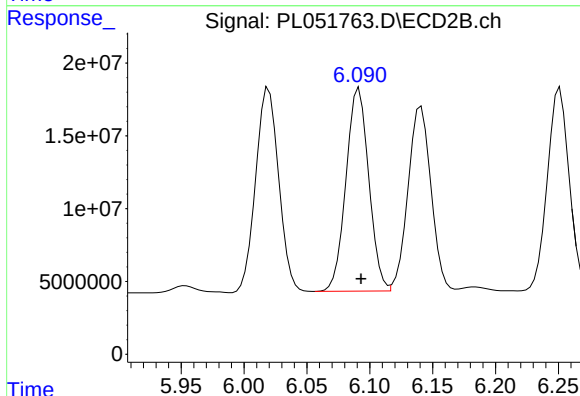
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 177011987
Conc: 48.48 ng/ml



#11 alpha-Chlordane

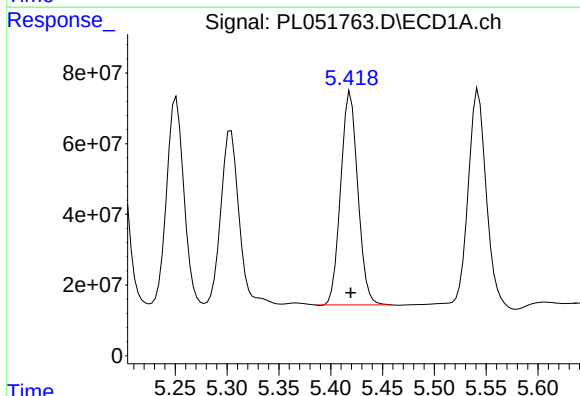
R.T.: 5.251 min
Delta R.T.: -0.002 min
Response: 686076490
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



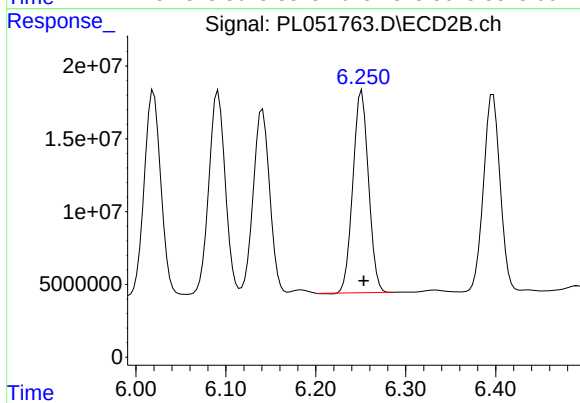
#11 alpha-Chlordane

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 176152542
Conc: 51.04 ng/ml



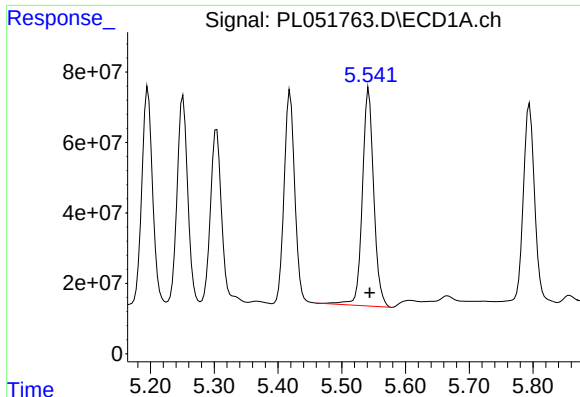
#12 4,4'-DDE

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 694523235
Conc: 50.75 ng/ml



#12 4,4'-DDE

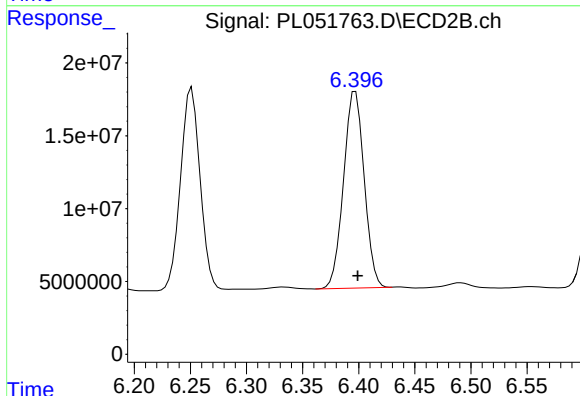
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 167039688
Conc: 47.45 ng/ml



#13 Dieldrin

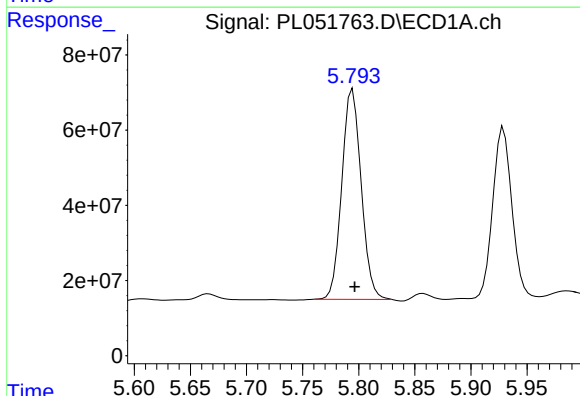
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 767492827
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



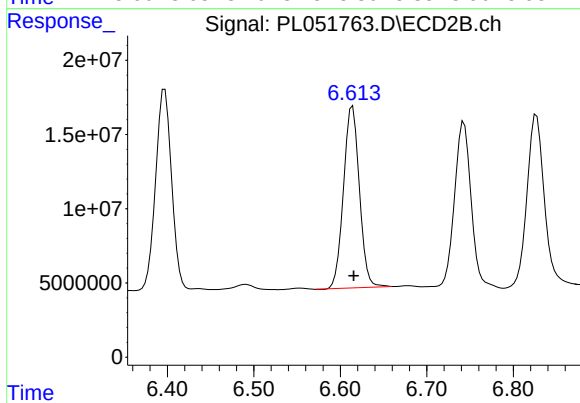
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 172620734
Conc: 50.41 ng/ml



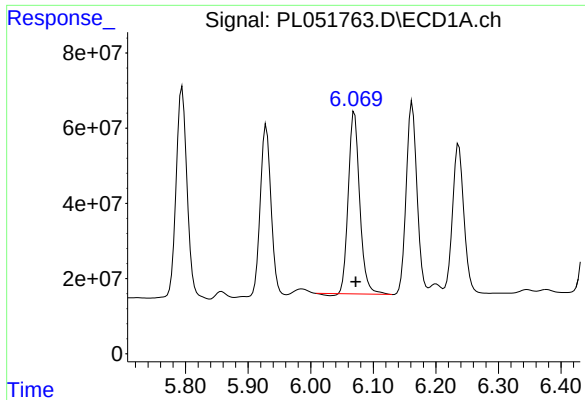
#14 Endrin

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 671818958
Conc: 46.06 ng/ml



#14 Endrin

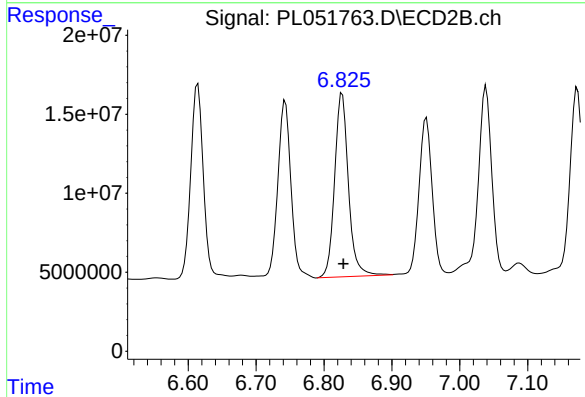
R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 155305868
Conc: 51.35 ng/ml



#15 Endosulfan II

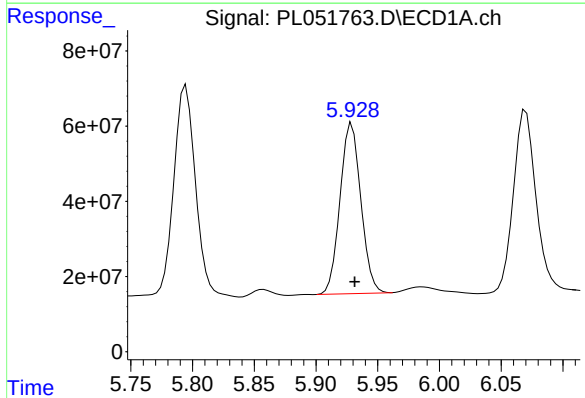
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 614513342
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



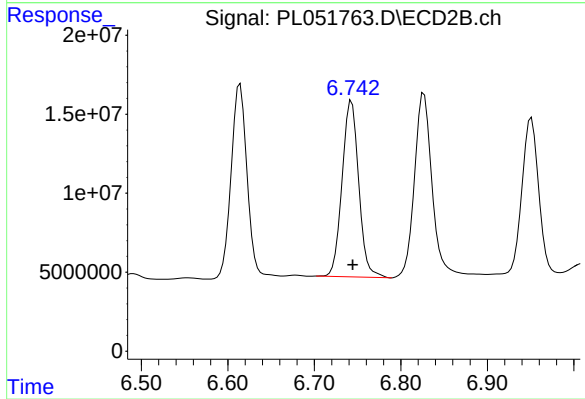
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 164622157
Conc: 49.95 ng/ml



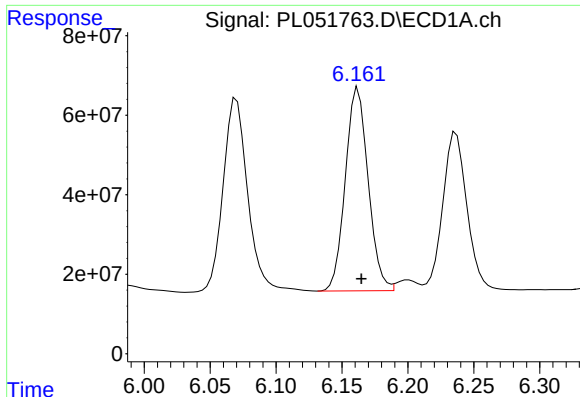
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 532921546
Conc: 43.52 ng/ml



#16 4,4'-DDD

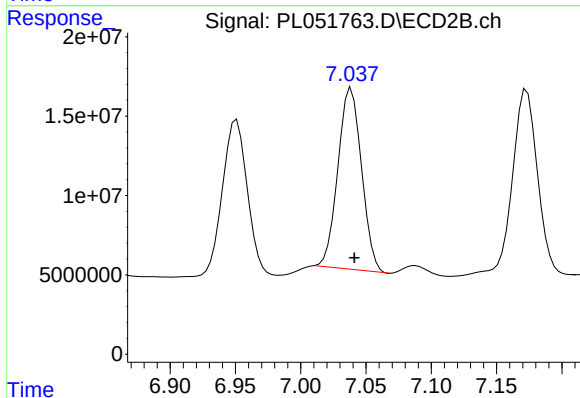
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 148522713
Conc: 54.86 ng/ml



#17 4,4'-DDT

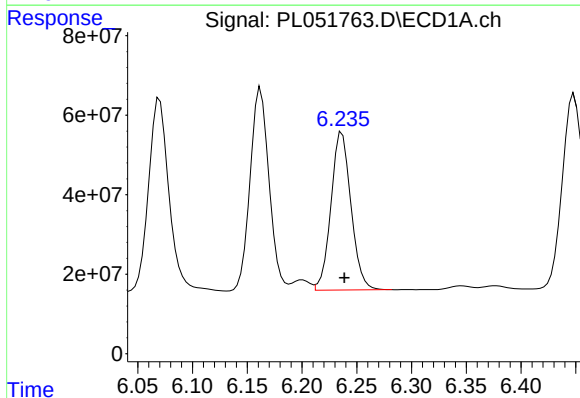
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 615519358
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



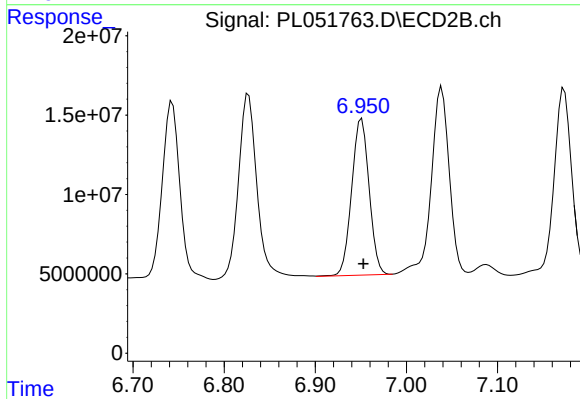
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 143905176
Conc: 49.15 ng/ml



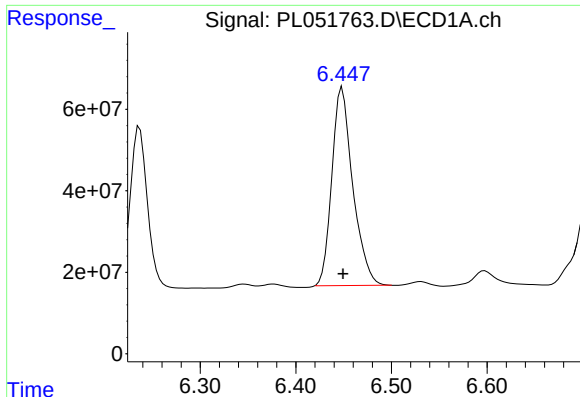
#18 Endrin aldehyde

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 505843258
Conc: 43.48 ng/ml



#18 Endrin aldehyde

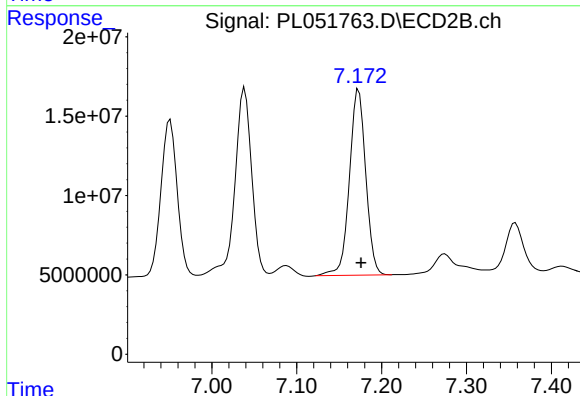
R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 131093489
Conc: 46.38 ng/ml



#19 Endosulfan Sulfate

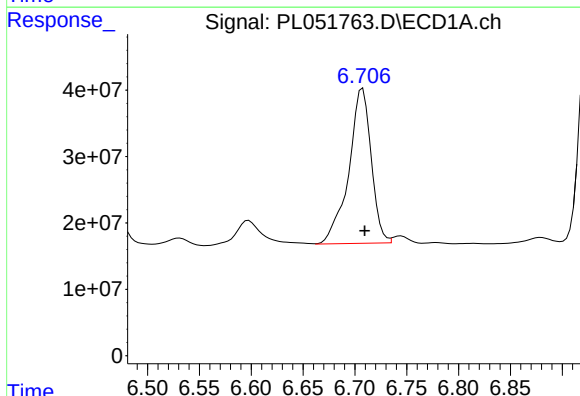
R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 738993284
Conc: 56.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



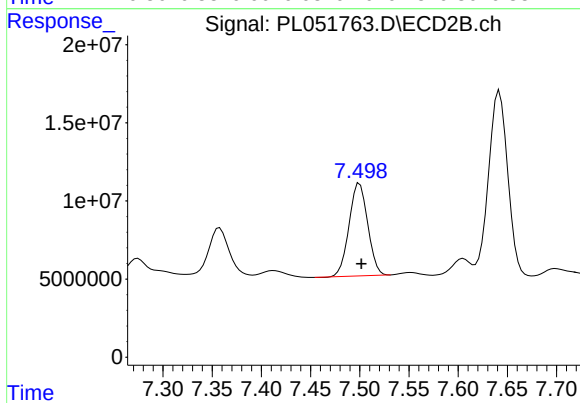
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 156432695
Conc: 50.66 ng/ml



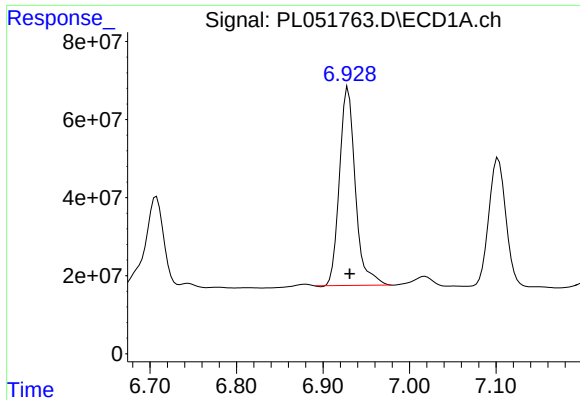
#20 Methoxychlor

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 351490060
Conc: 51.84 ng/ml



#20 Methoxychlor

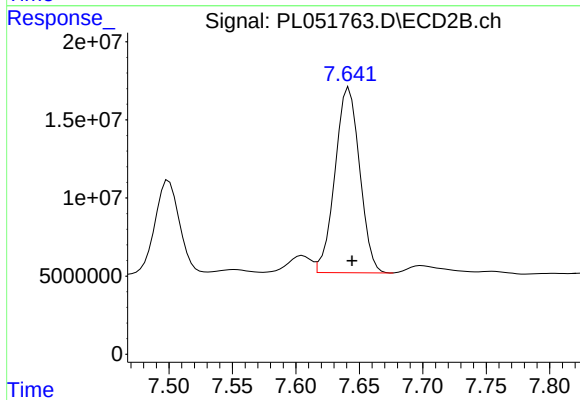
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 78208639
Conc: 46.63 ng/ml



#21 Endrin ketone

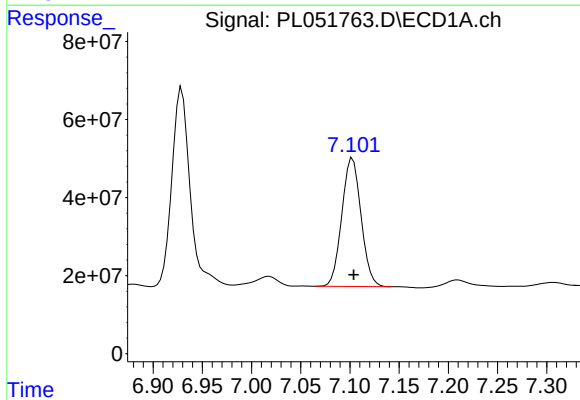
R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 644672981
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



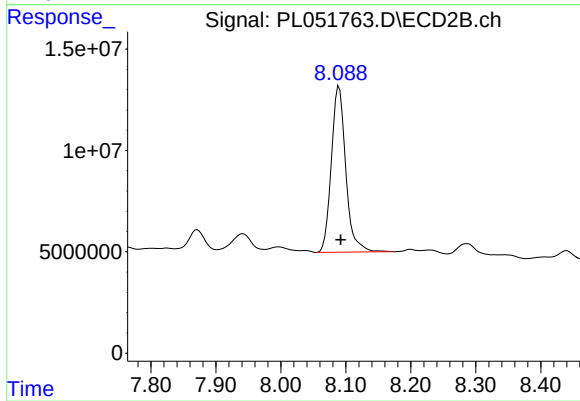
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 160401948
Conc: 50.13 ng/ml



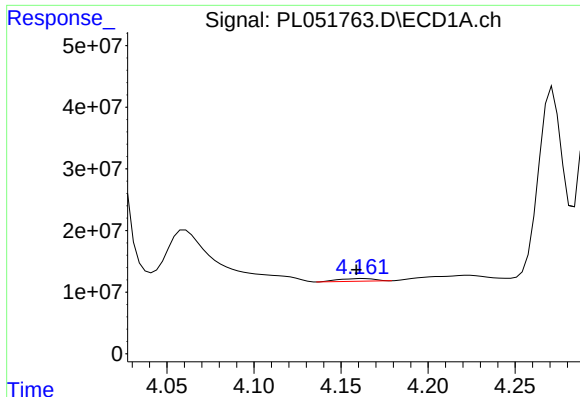
#22 Mirex

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 447584577
Conc: 42.28 ng/ml



#22 Mirex

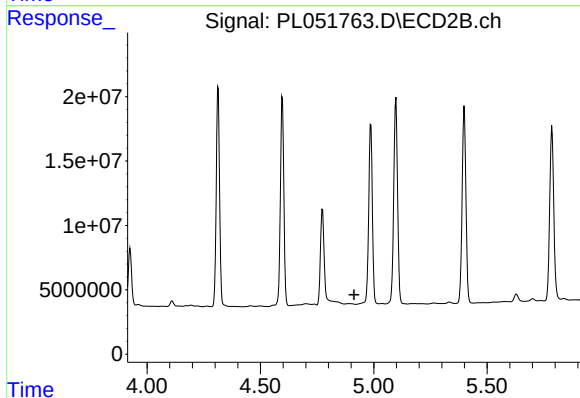
R.T.: 8.090 min
Delta R.T.: -0.003 min
Response: 125752142
Conc: 51.69 ng/ml



#23 Chlordane-1

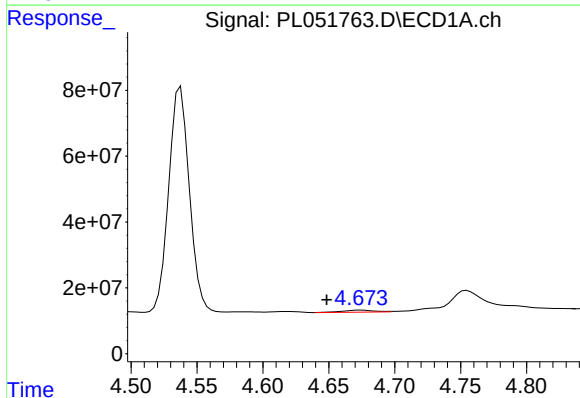
R.T.: 4.163 min
Delta R.T.: 0.004 min
Response: 6308159
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



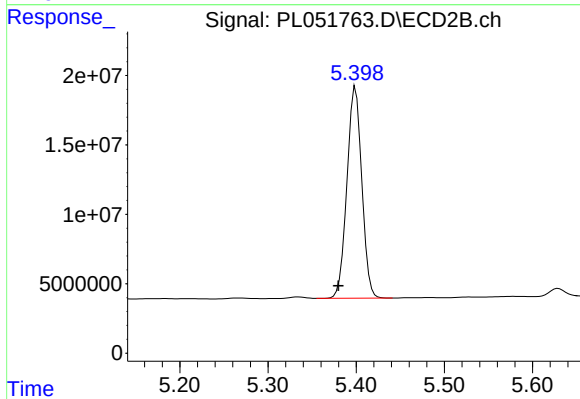
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



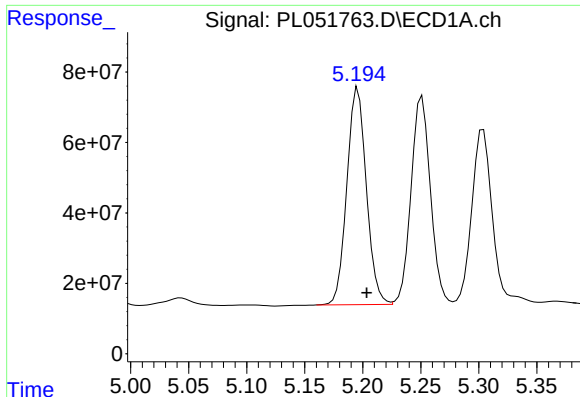
#24 Chlordane-2

R.T.: 4.674 min
Delta R.T.: 0.026 min
Response: 10289820
Conc: 25.18 ng/ml



#24 Chlordane-2

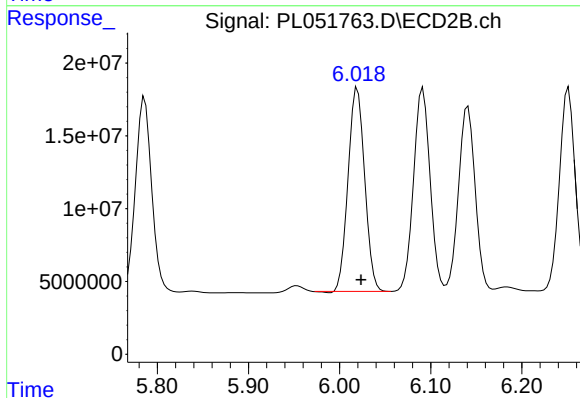
R.T.: 5.399 min
Delta R.T.: 0.020 min
Response: 178339491
Conc: 1776.81 ng/ml



#25 Chlordane-3

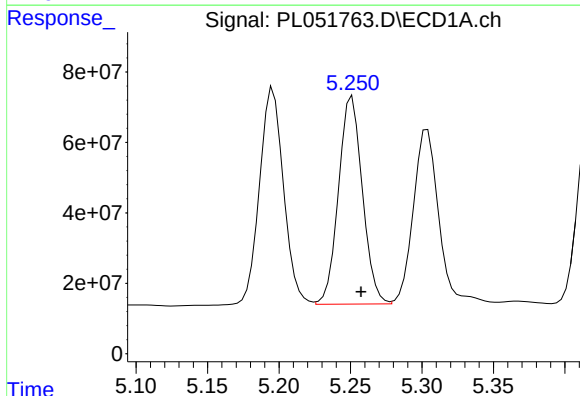
R.T.: 5.196 min
Delta R.T.: -0.008 min
Response: 720143629
Conc: 554.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



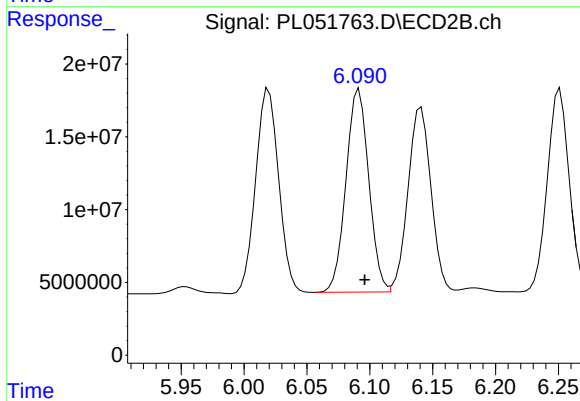
#25 Chlordane-3

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 177011987
Conc: 397.30 ng/ml



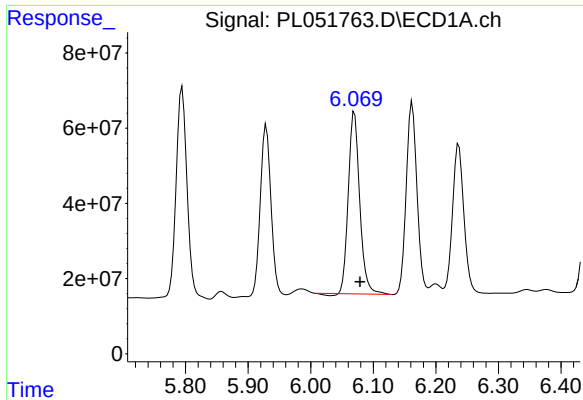
#26 Chlordane-4

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 686076490
Conc: 562.65 ng/ml



#26 Chlordane-4

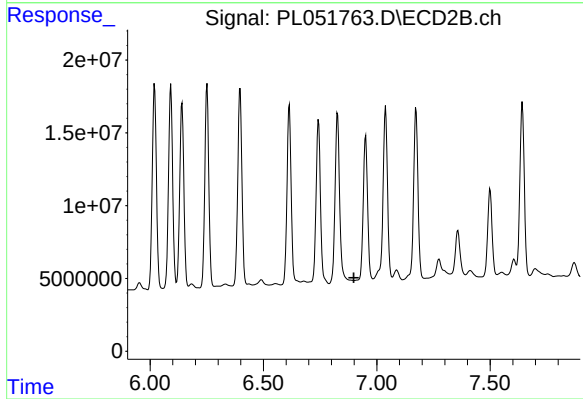
R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 176152542
Conc: 324.34 ng/ml



#27 Chlordane-5

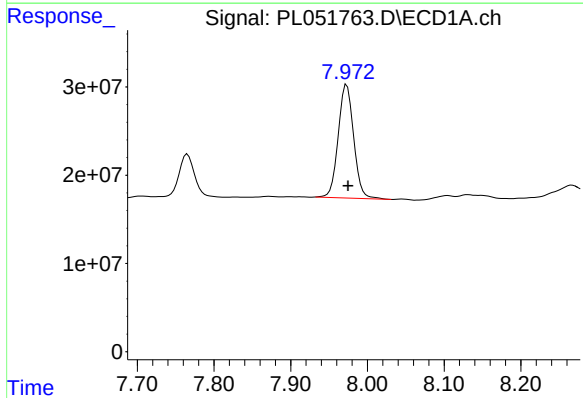
R.T.: 6.070 min
Delta R.T.: -0.009 min
Response: 614513342
Conc: 1252.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



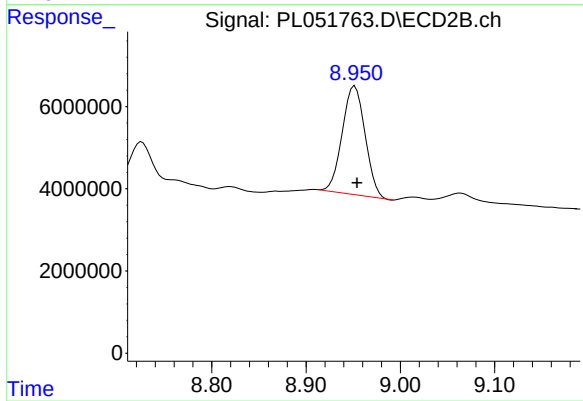
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.898 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.973 min
Delta R.T.: -0.002 min
Response: 180371036
Conc: 14.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 44704476
Conc: 14.69 ng/ml