

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
 Data File : PL051052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2019 21:21
 Operator : SM\AJ
 Sample : K4090-02MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-02-080119MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 00:56:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.318	3.928	225.0E6	65958845	22.395	23.117
28)	SA Decachlor...	7.977	8.957	235.2E6	65141872	23.229	23.035
Target Compounds							
2)	A alpha-BHC	3.745	4.316	1139.3E6	290.0E6	67.984	70.288
3)	MA gamma-BHC...	4.021	4.599	1049.9E6	275.9E6	68.254	71.230
4)	MA Heptachlor	4.304	5.101	1146.4E6	288.7E6	69.867	69.633
5)	MB Aldrin	4.542	5.403	1083.7E6	268.6E6	69.954	71.290
6)	B beta-BHC	4.275	4.776	442.3E6	124.7E6	67.459	72.150
7)	B delta-BHC	4.468	4.989	1042.7E6	243.1E6	63.548	62.859
8)	B Heptachlo...	4.979	5.789	1015.6E6	255.3E6	68.742	66.755
9)	A Endosulfan I	5.309	6.144	987.0E6	241.7E6	67.866	70.273
10)	B gamma-Chl...	5.201	6.023	1092.7E6	261.8E6	69.233	70.836
11)	B alpha-Chl...	5.256	6.095	1049.3E6	257.8E6	68.780	70.345
12)	B 4,4'-DDE	5.424	6.255	1045.3E6	258.1E6	69.755	71.617
13)	MA Dieldrin	5.547	6.400	1091.1E6	257.1E6	70.411	72.599
14)	MA Endrin	5.800	6.617	1033.7E6	222.6E6	70.222	71.761
15)	B Endosulfa...	6.075	6.830	957.3E6	224.9E6	68.405	70.750
16)	A 4,4'-DDD	5.934	6.745	843.9E6	191.1E6	70.423	71.760
17)	MA 4,4'-DDT	6.168	7.042	862.4E6	199.7E6	69.630	73.982
18)	B Endrin al...	6.241	6.954	764.4E6	177.1E6	66.264	65.180
19)	B Endosulfa...	6.453	7.176	833.8E6	201.2E6	65.447	69.666
20)	A Methoxychlor	6.713	7.503	412.0E6	105.5E6	66.044	71.924
21)	B Endrin ke...	6.934	7.645	917.9E6	214.3E6	67.111	74.118
22)	Mirex	7.107	8.093	606.4E6	152.9E6	61.852	66.552
23)	Chlordane-1	4.168	0.000	4748690	0	12.906	N.D. #
24)	Chlordane-2	0.000	5.403f	0	268.6E6	N.D.	2287.277 #
25)	Chlordane-3	5.201	6.023	1092.7E6	261.8E6	780.632	544.218 #
26)	Chlordane-4	5.256	6.095	1049.3E6	257.8E6	795.549	443.821 #
27)	Chlordane-5	6.075	0.000	957.3E6	0	1884.737	N.D. #

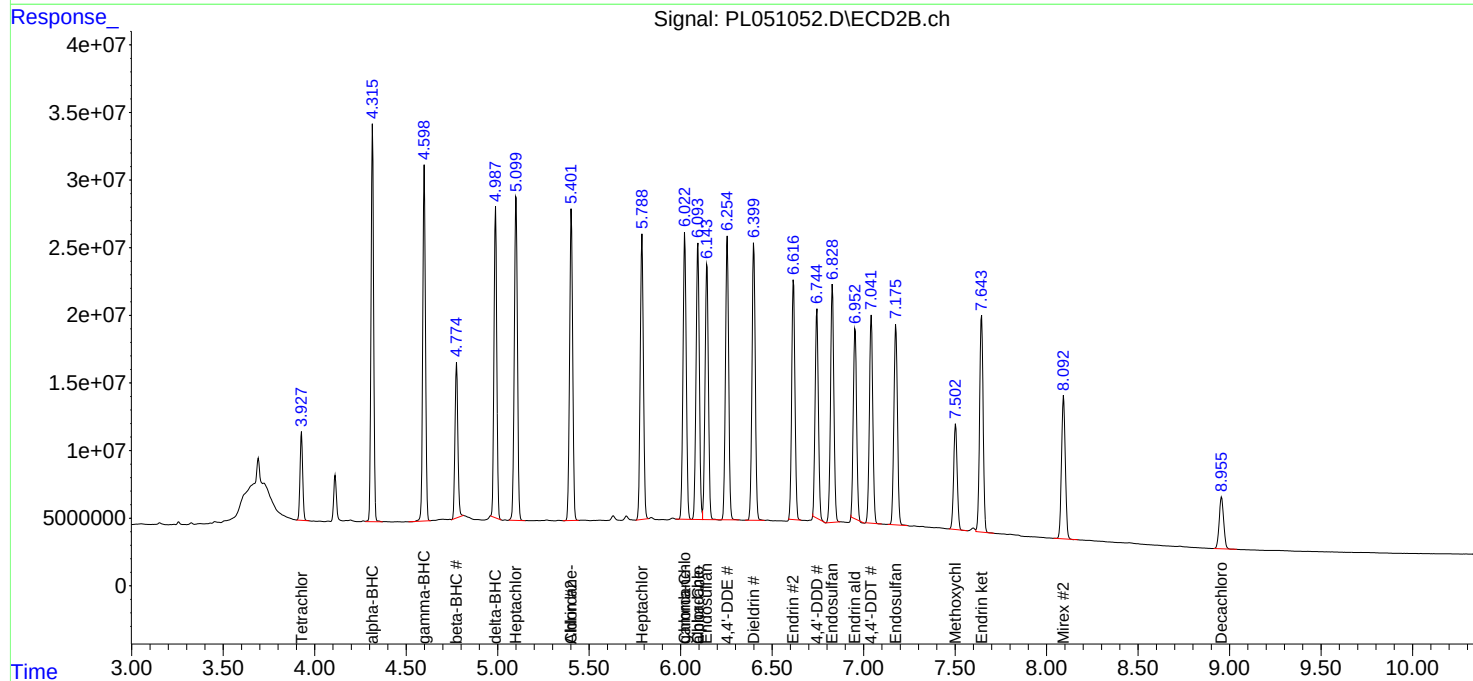
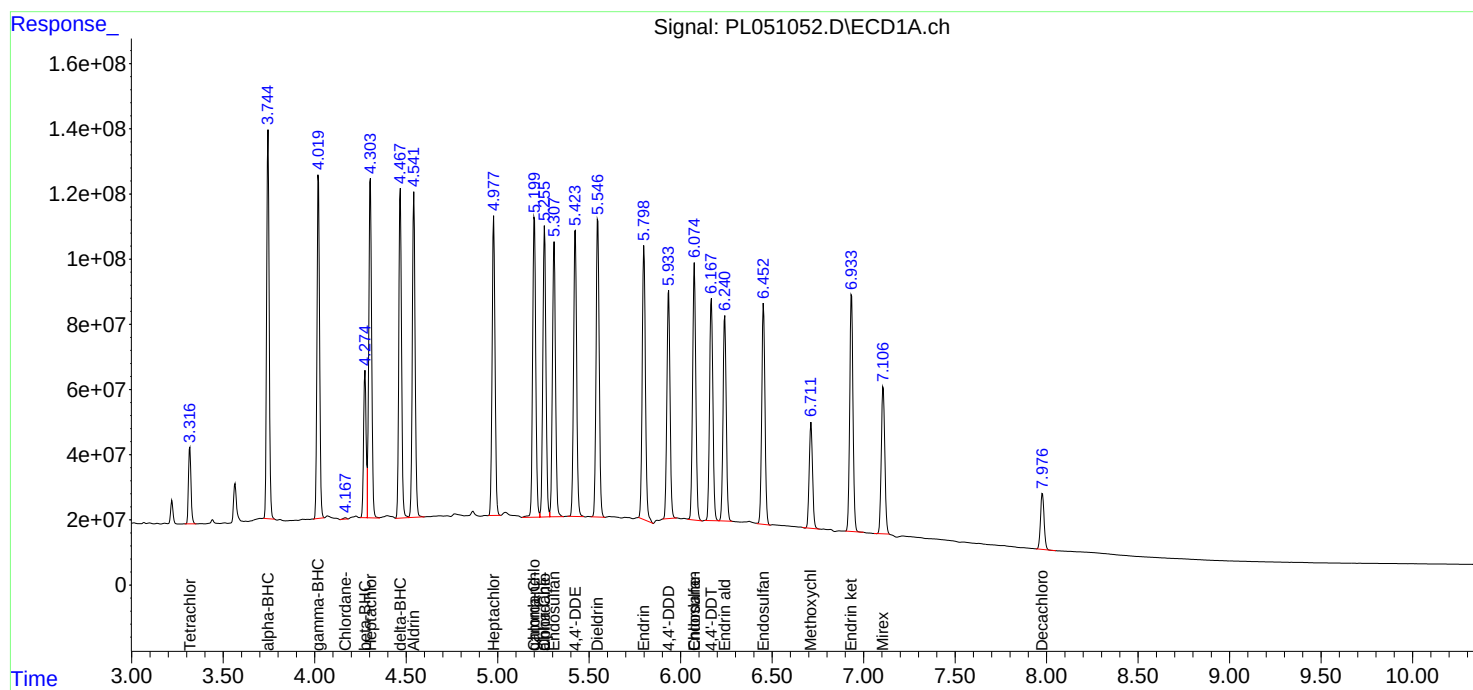
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

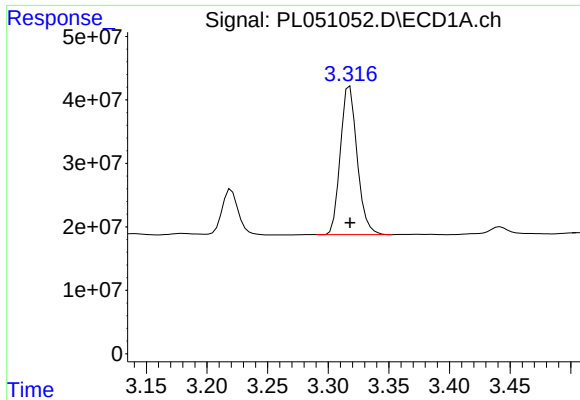
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
 Data File : PL051052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

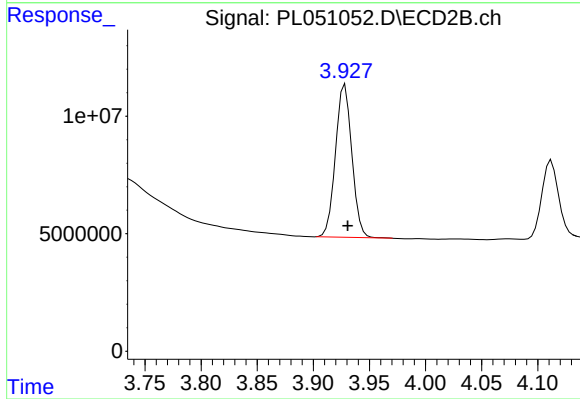




#1 Tetrachloro-m-xylene

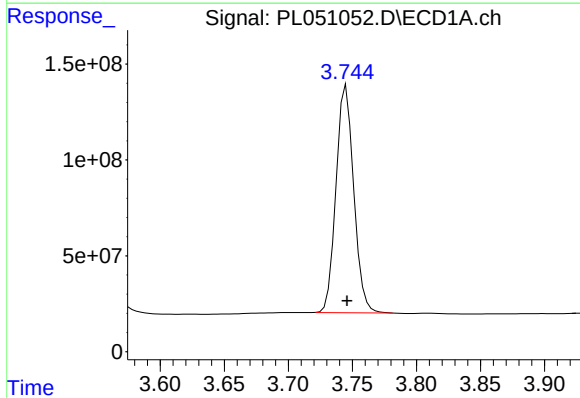
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 225024515
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



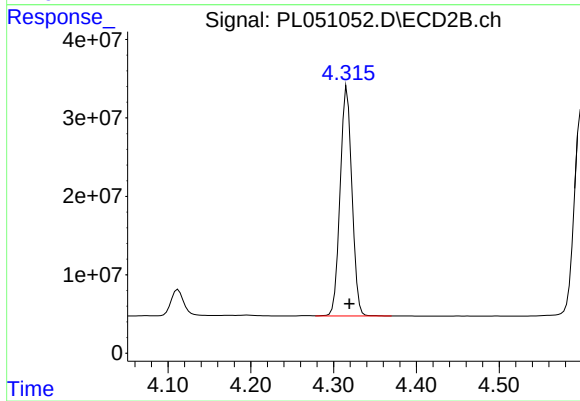
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 65958845
Conc: 23.12 ng/ml



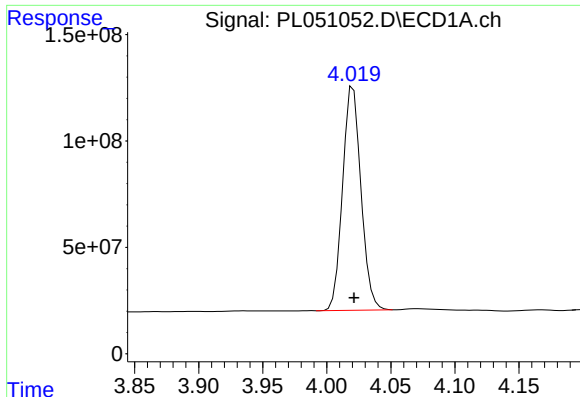
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 1139257262
Conc: 67.98 ng/ml



#2 alpha-BHC

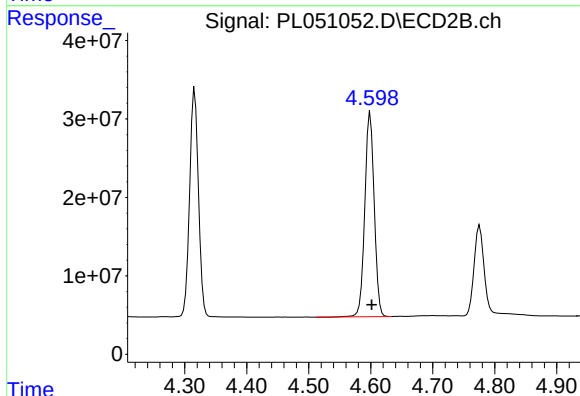
R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 290009221
Conc: 70.29 ng/ml



#3 gamma-BHC (Lindane)

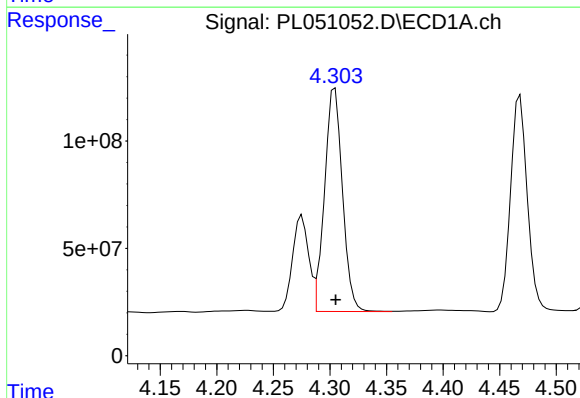
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 1049855447
Conc: 68.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



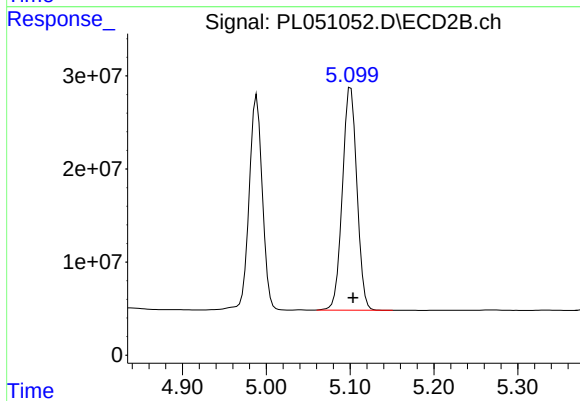
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 275886925
Conc: 71.23 ng/ml



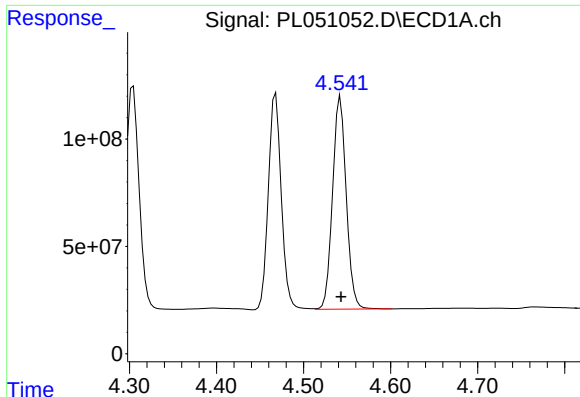
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1146366464
Conc: 69.87 ng/ml



#4 Heptachlor

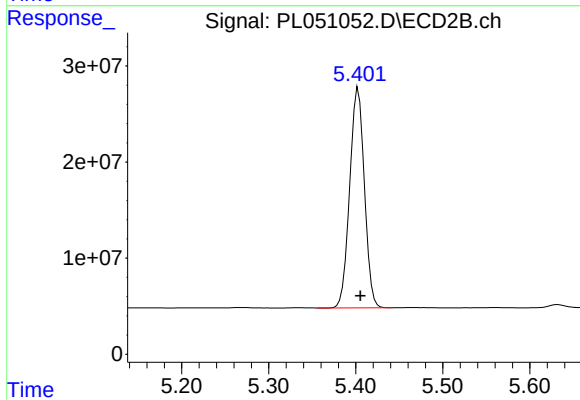
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 288745009
Conc: 69.63 ng/ml



#5 Aldrin

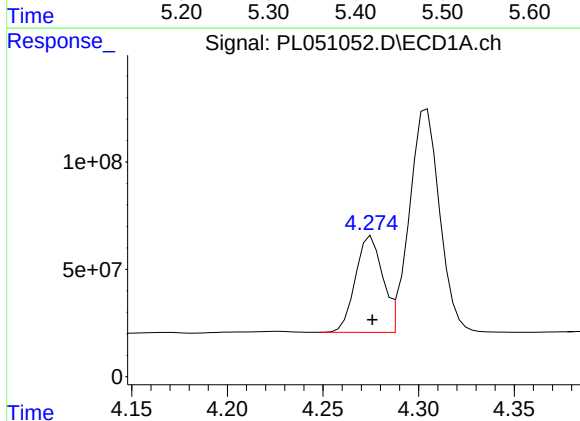
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 1083685907
Conc: 69.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



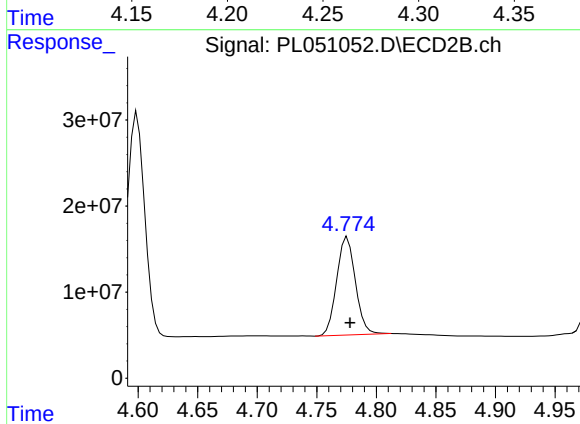
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 268646272
Conc: 71.29 ng/ml



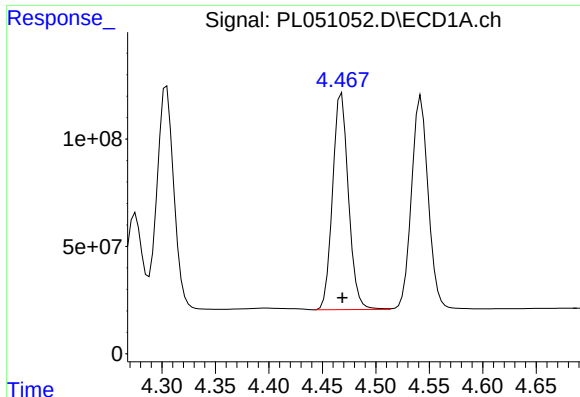
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 442252336
Conc: 67.46 ng/ml



#6 beta-BHC

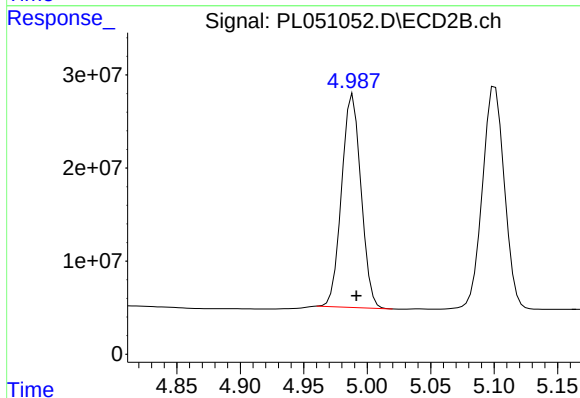
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 124737656
Conc: 72.15 ng/ml



#7 delta-BHC

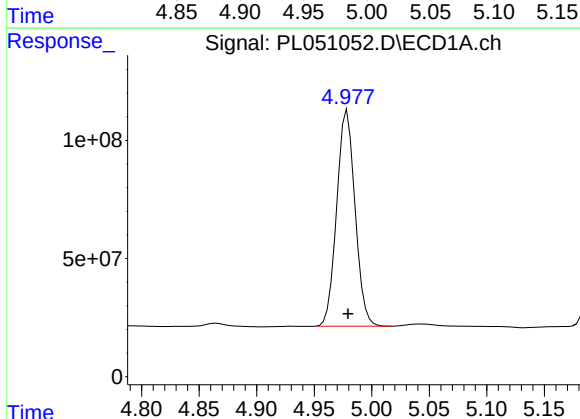
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 1042734032
Conc: 63.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



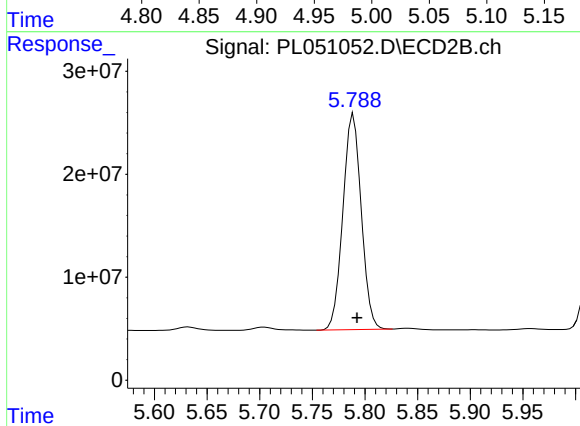
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 243114341
Conc: 62.86 ng/ml



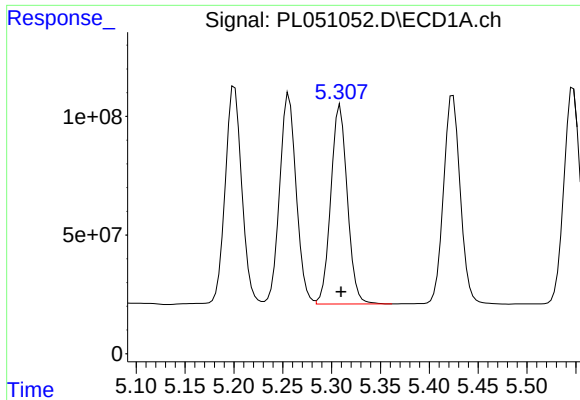
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1015575119
Conc: 68.74 ng/ml



#8 Heptachlor epoxide

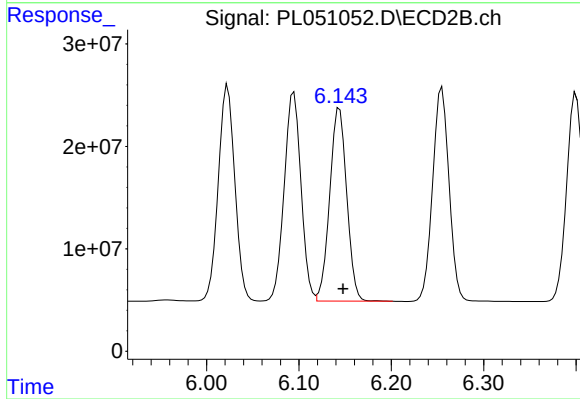
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 255324284
Conc: 66.75 ng/ml



#9 Endosulfan I

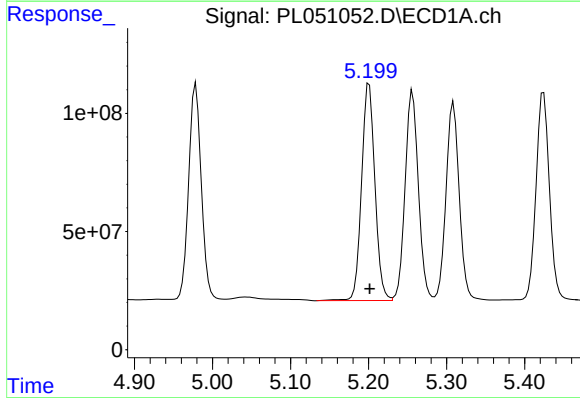
R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 987035052
Conc: 67.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



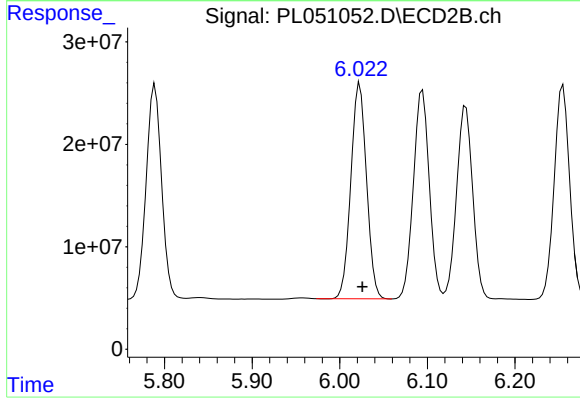
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 241660999
Conc: 70.27 ng/ml



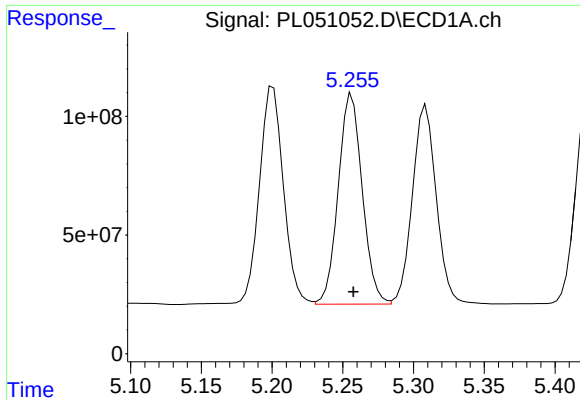
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 1092718654
Conc: 69.23 ng/ml



#10 gamma-Chlordane

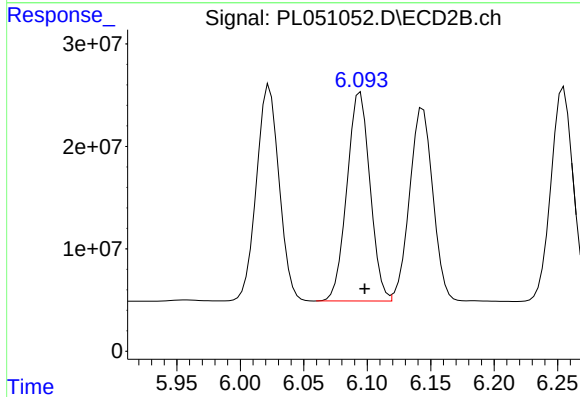
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 261758229
Conc: 70.84 ng/ml



#11 alpha-Chlordane

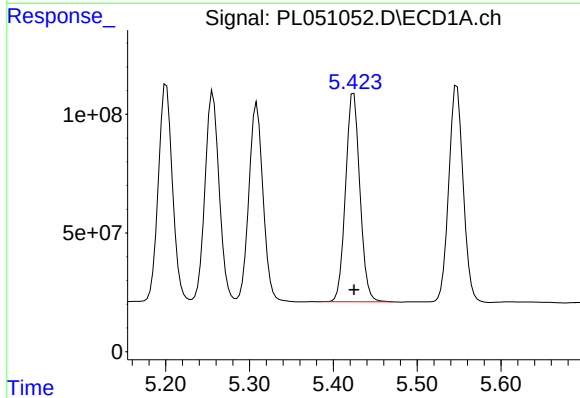
R.T.: 5.256 min
Delta R.T.: -0.001 min
Response: 1049312546
Conc: 68.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



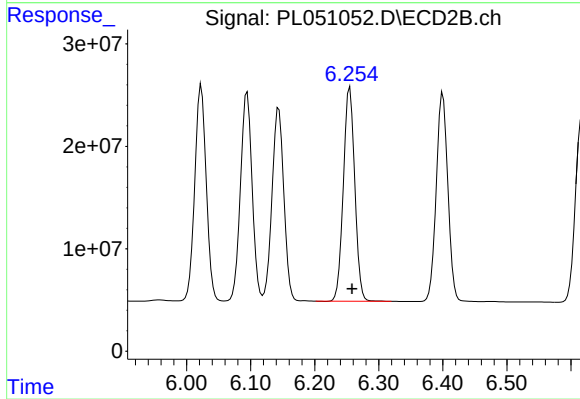
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 257823628
Conc: 70.34 ng/ml



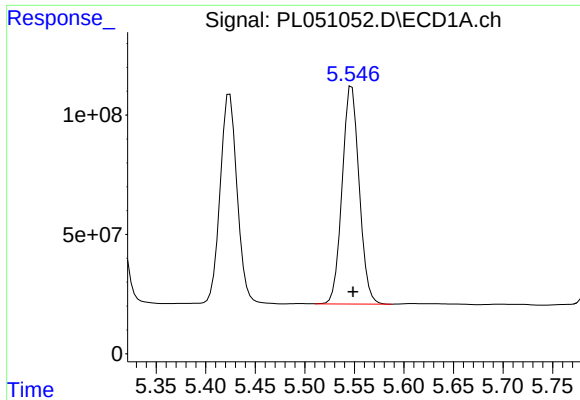
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 1045347228
Conc: 69.76 ng/ml



#12 4,4'-DDE

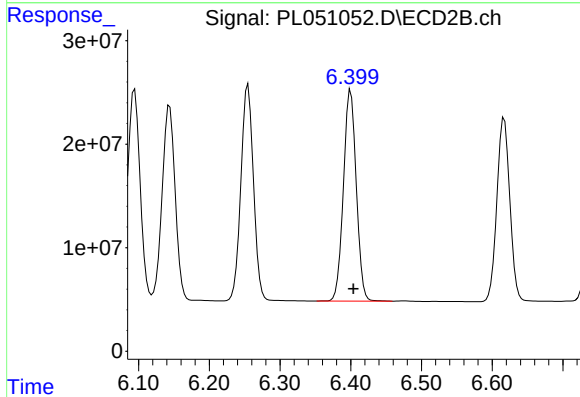
R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 258065745
Conc: 71.62 ng/ml



#13 Dieldrin

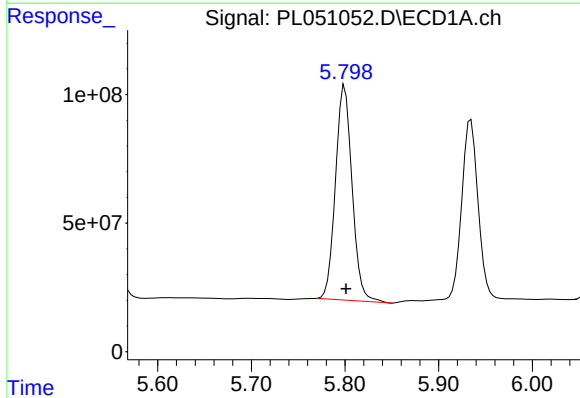
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 1091143734
Conc: 70.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



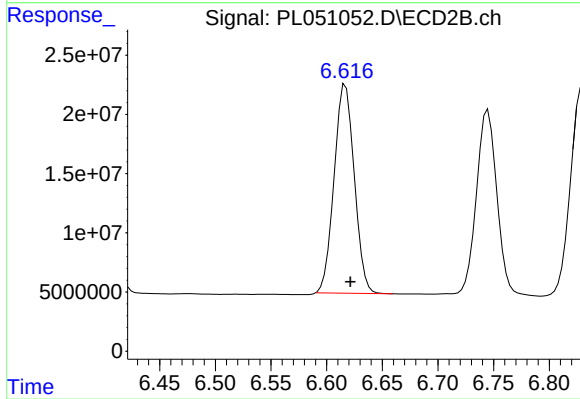
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 257084324
Conc: 72.60 ng/ml



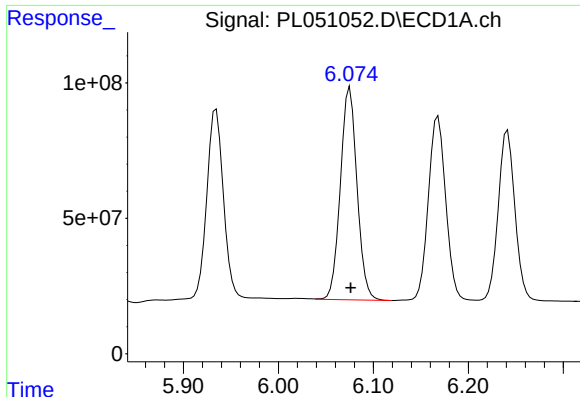
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 1033694599
Conc: 70.22 ng/ml



#14 Endrin

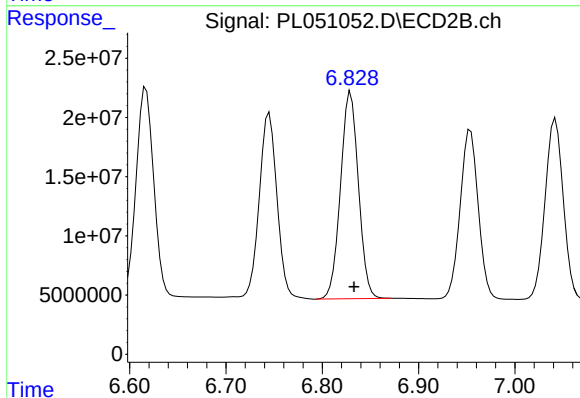
R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 222561452
Conc: 71.76 ng/ml



#15 Endosulfan II

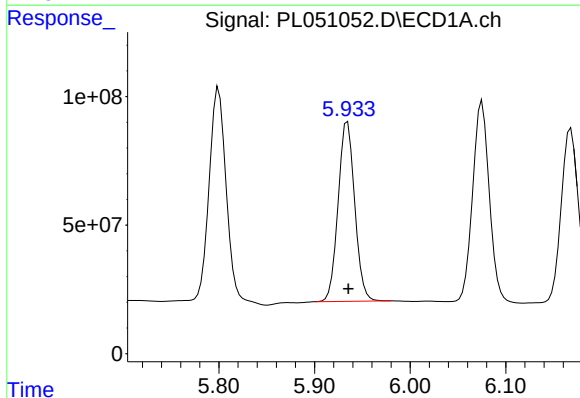
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 957327741
Conc: 68.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



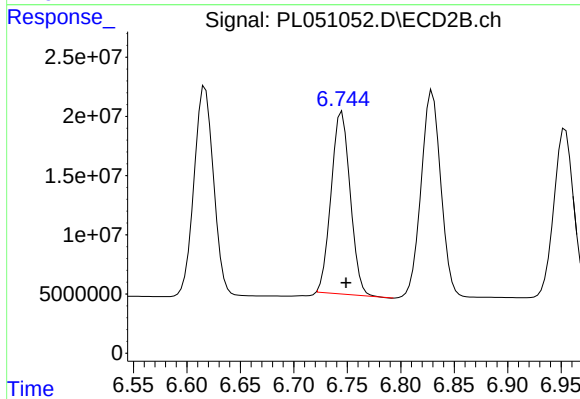
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 224928013
Conc: 70.75 ng/ml



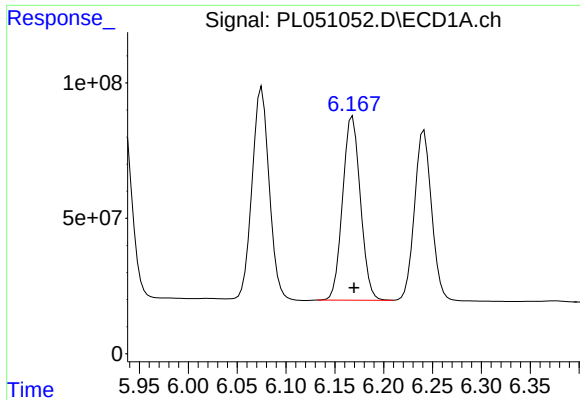
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 843941405
Conc: 70.42 ng/ml



#16 4,4'-DDD

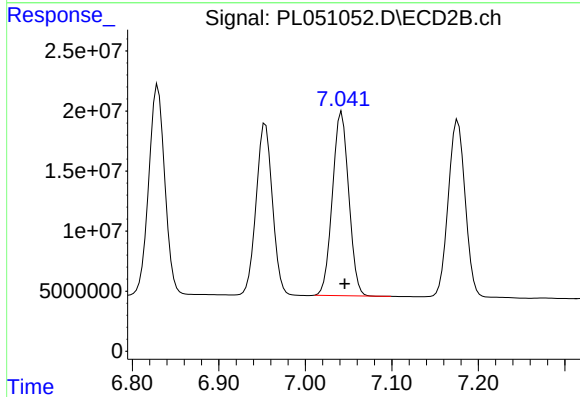
R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 191090000
Conc: 71.76 ng/ml



#17 4,4'-DDT

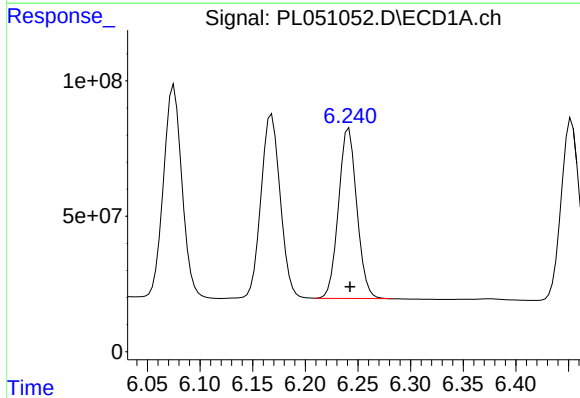
R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 862423878
Conc: 69.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



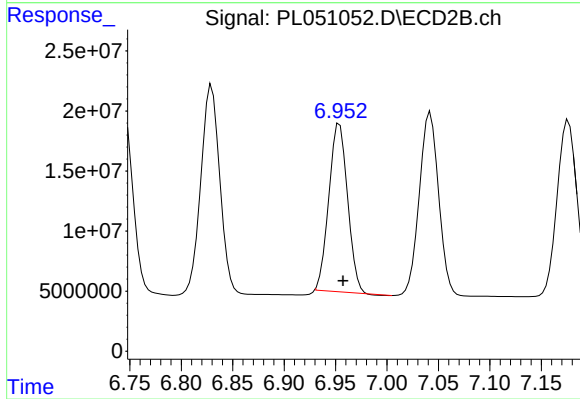
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 199722374
Conc: 73.98 ng/ml



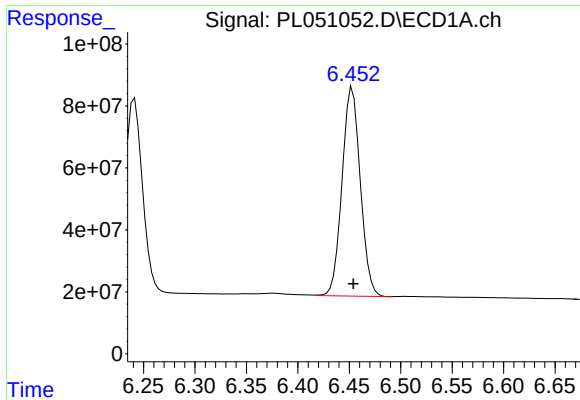
#18 Endrin aldehyde

R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 764448470
Conc: 66.26 ng/ml



#18 Endrin aldehyde

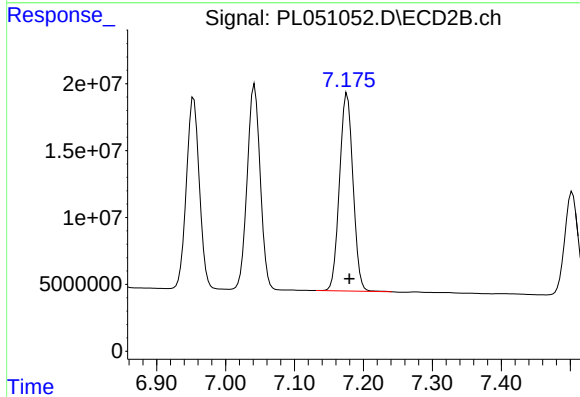
R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 177132488
Conc: 65.18 ng/ml



#19 Endosulfan Sulfate

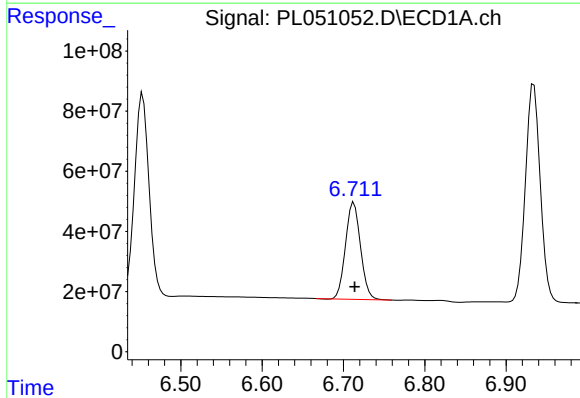
R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 833763602
Conc: 65.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



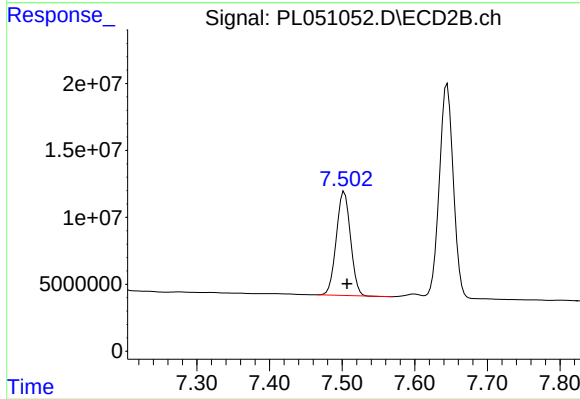
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 201211638
Conc: 69.67 ng/ml



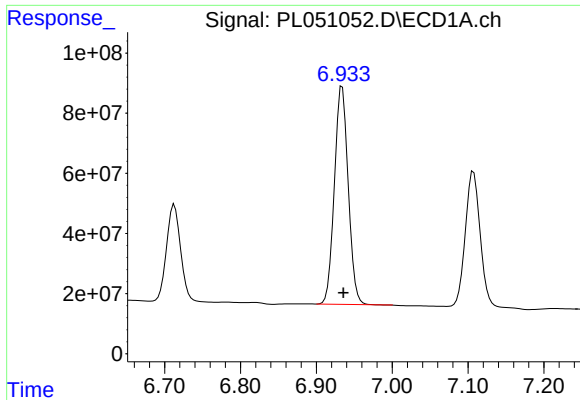
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 412042646
Conc: 66.04 ng/ml



#20 Methoxychlor

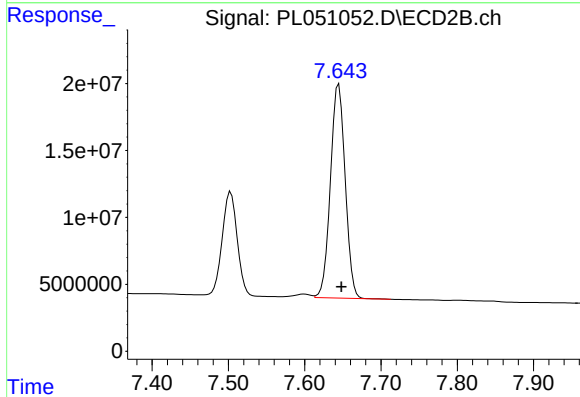
R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 105532399
Conc: 71.92 ng/ml



#21 Endrin ketone

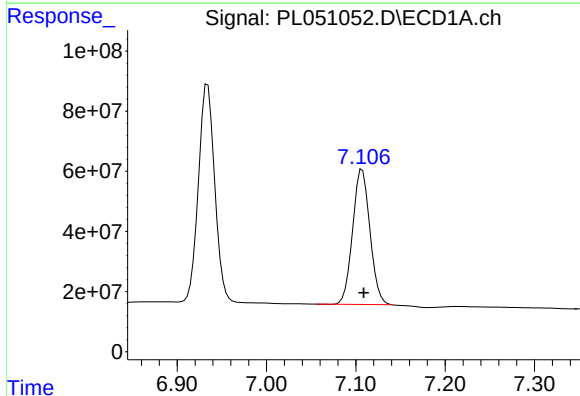
R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 917907085
Conc: 67.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



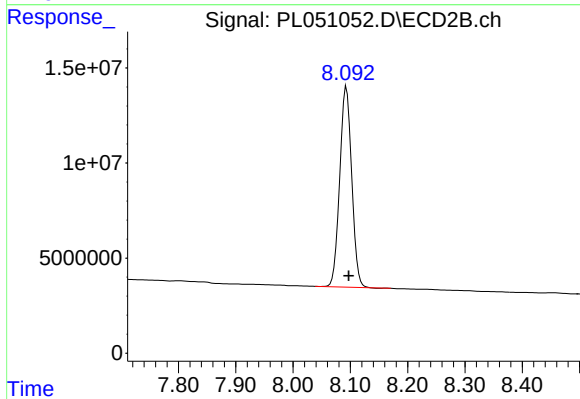
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 214295177
Conc: 74.12 ng/ml



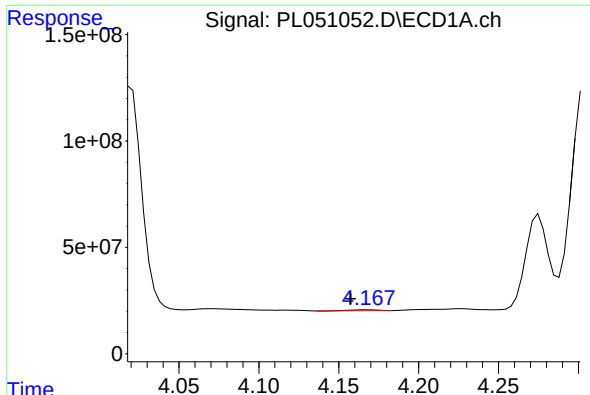
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 606416008
Conc: 61.85 ng/ml



#22 Mirex

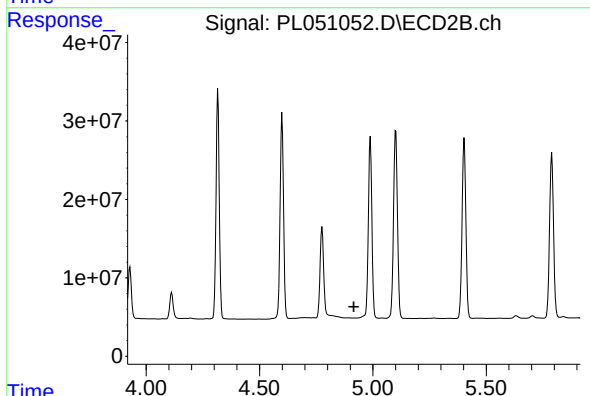
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 152870392
Conc: 66.55 ng/ml



#23 Chlordane-1

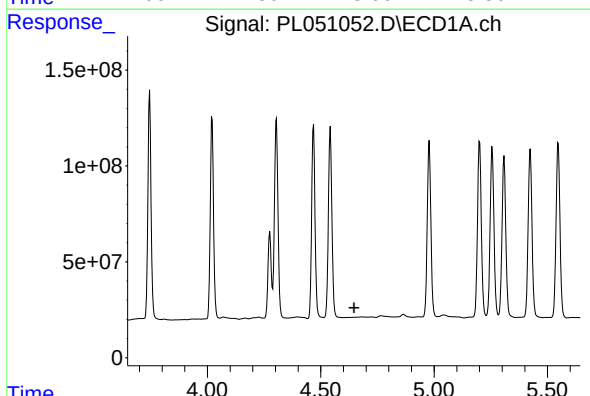
R.T.: 4.168 min
Delta R.T.: 0.011 min
Response: 4748690
Conc: 12.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



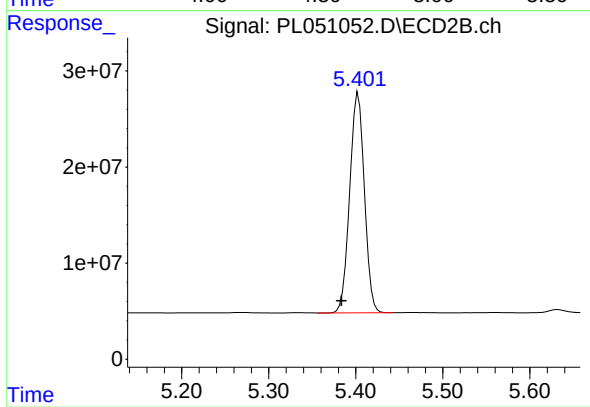
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



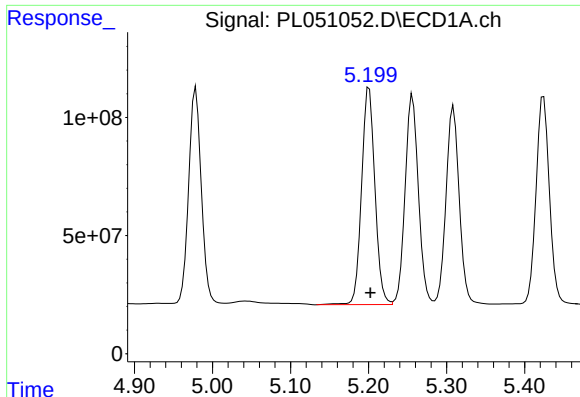
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#24 Chlordane-2

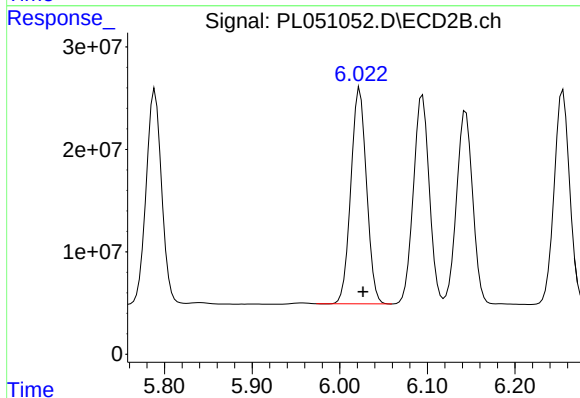
R.T.: 5.403 min
Delta R.T.: 0.020 min
Response: 268646272
Conc: 2287.28 ng/ml



#25 Chlordane-3

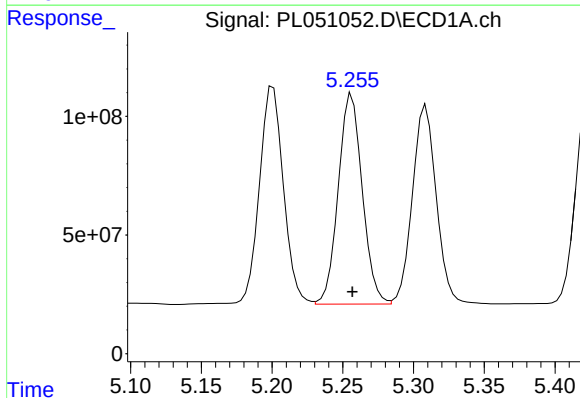
R.T.: 5.201 min
Delta R.T.: -0.002 min
Response: 1092718654
Conc: 780.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



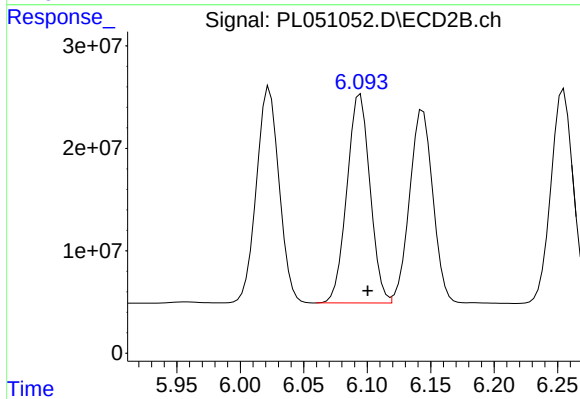
#25 Chlordane-3

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 261758229
Conc: 544.22 ng/ml



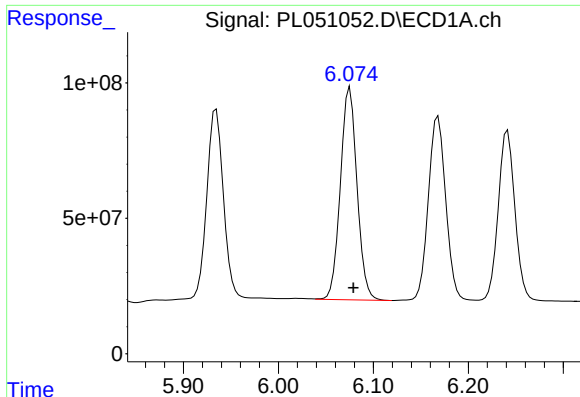
#26 Chlordane-4

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 1049312546
Conc: 795.55 ng/ml



#26 Chlordane-4

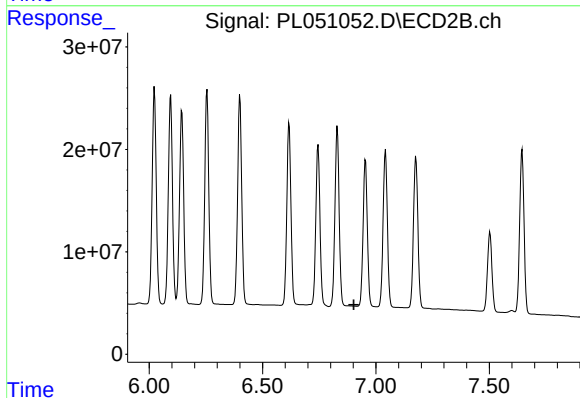
R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 257823628
Conc: 443.82 ng/ml



#27 Chlordane-5

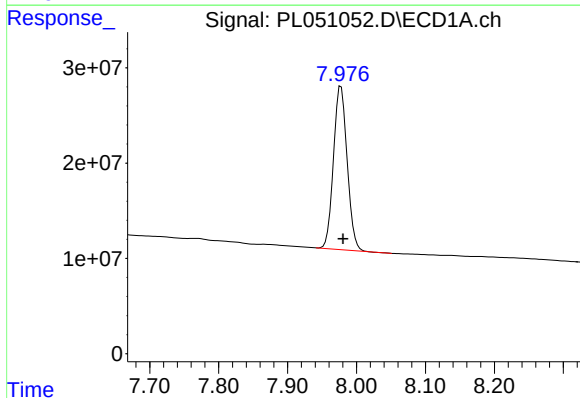
R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 957327741
Conc: 1884.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-02-080119MSD



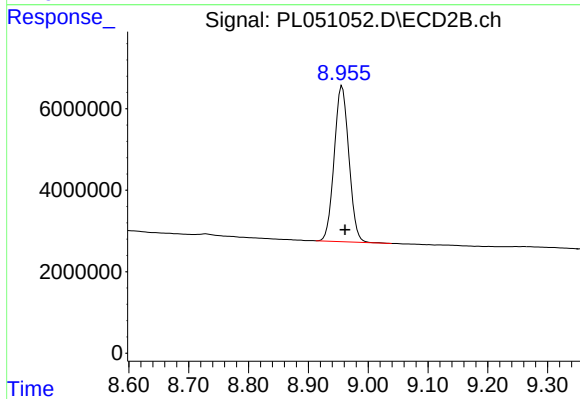
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: -0.003 min
Response: 235201008
Conc: 23.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.005 min
Response: 65141872
Conc: 23.04 ng/ml