

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081519\
 Data File : PL051544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 21:11
 Operator : SG\AJ
 Sample : K4264-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:58:50 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...	3.316	3.926	223.0E6	65133739	22.189	22.828
28)	SA Decachlor...	7.973	8.953	252.9E6	65033163	24.979	22.997
Target Compounds							
2)	A alpha-BHC	3.743	4.315	1033.8E6	256.5E6	61.692	62.175
3)	MA gamma-BHC...	4.018	4.597	966.5E6	241.4E6	62.835	62.319
4)	MA Heptachlor	4.301	5.098	1008.1E6	250.2E6	61.439	60.339
5)	MB Aldrin	4.539	5.400	994.3E6	245.9E6	64.184	65.260
6)	B beta-BHC	4.272	4.774	408.9E6	112.0E6	62.378	64.802
7)	B delta-BHC	4.465	4.987	817.8E6	188.2E6	49.837	48.673
8)	B Heptachlo...	4.974	5.787	908.2E6	231.2E6	61.471	60.460
9)	A Endosulfan I	5.304	6.142	905.5E6	223.3E6	62.263	64.919
10)	B gamma-Chl...	5.197	6.021	996.2E6	240.6E6	63.117	65.114
11)	B alpha-Chl...	5.252	6.092	953.9E6	237.0E6	62.523	64.658
12)	B 4,4'-DDE	5.420	6.253	938.5E6	239.5E6	62.625	66.472
13)	MA Dieldrin	5.543	6.398	975.4E6	238.4E6	62.944	67.329
14)	MA Endrin	5.795	6.615	873.4E6	195.4E6	59.330	63.005
15)	B Endosulfa...	6.071	6.828	846.9E6	205.7E6	60.516	64.691
16)	A 4,4'-DDD	5.930	6.744	770.2E6	176.0E6	64.272	66.077
17)	MA 4,4'-DDT	6.164	7.040	743.9E6	180.0E6	60.062	66.692
18)	B Endrin al...	6.238	6.952	688.2E6	144.2E6	59.654	53.059
19)	B Endosulfa...	6.449	7.174	798.6E6	198.7E6	62.684	68.801
20)	A Methoxychlor	6.709	7.501	364.1E6	96549581	58.354	65.802
21)	B Endrin ke...	6.930	7.643	886.9E6	214.2E6	64.843	74.087
22)	Mirex	7.103	8.090	617.6E6	154.0E6	62.994	67.023
24)	Chlordane-2	4.669f	5.400f	13582054	245.9E6	30.344	2093.793 #
25)	Chlordane-3	5.197	6.021	996.2E6	240.6E6	711.669	500.261 #
26)	Chlordane-4	5.252	6.092	953.9E6	237.0E6	723.173	407.944 #
27)	Chlordane-5	6.071	0.000	846.9E6	0	1667.366	N.D. #

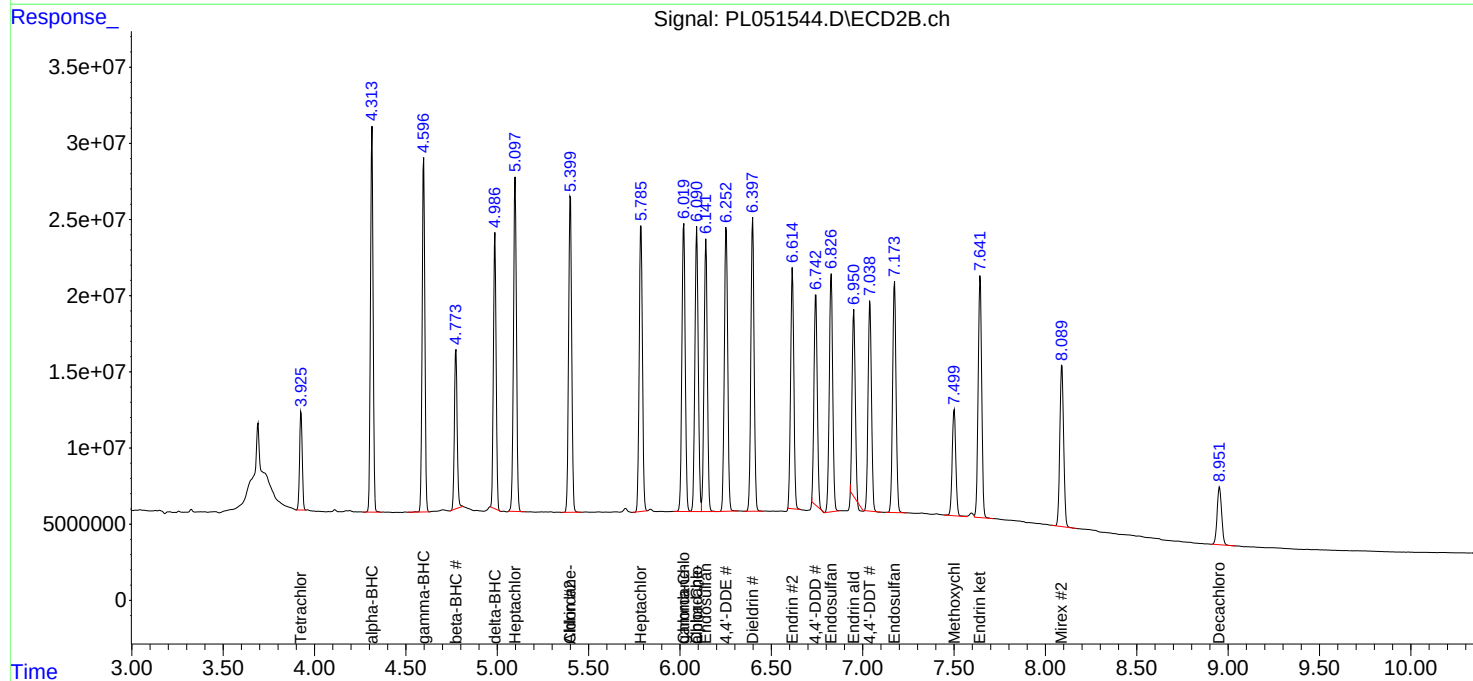
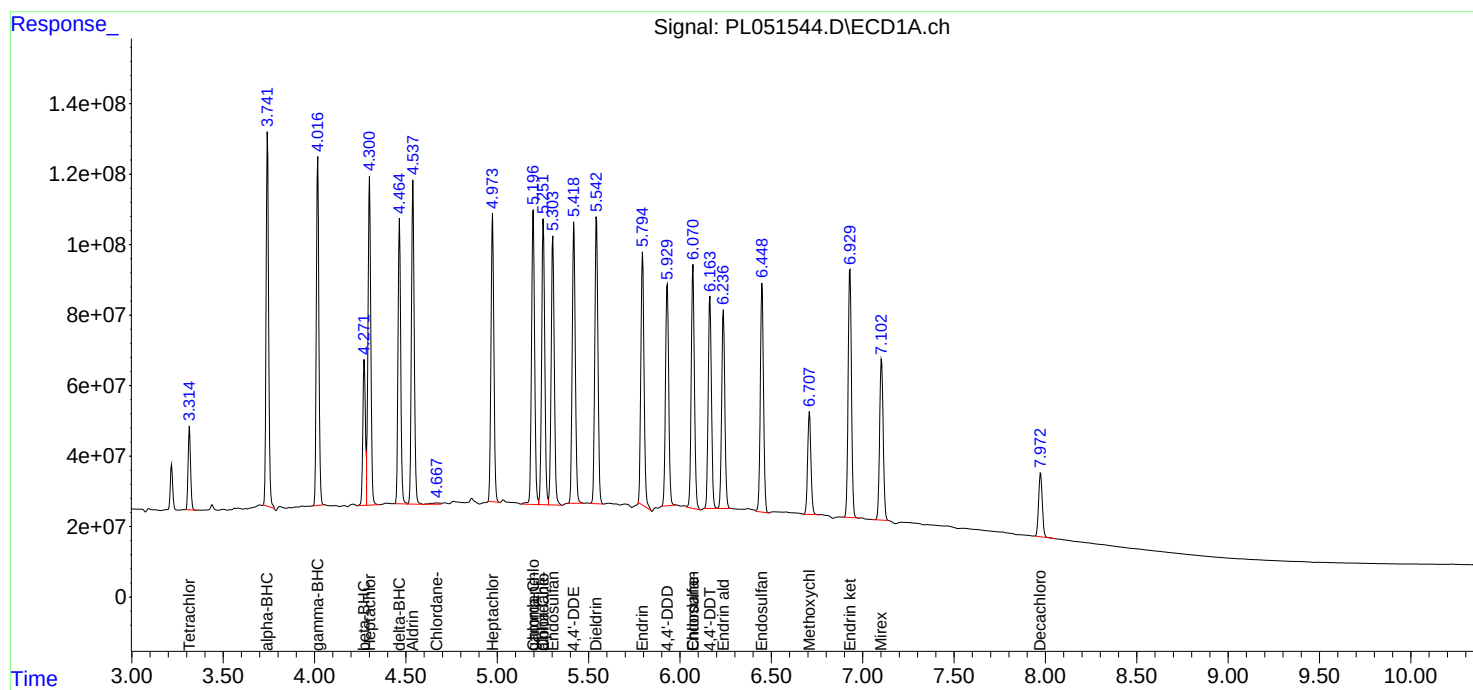
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

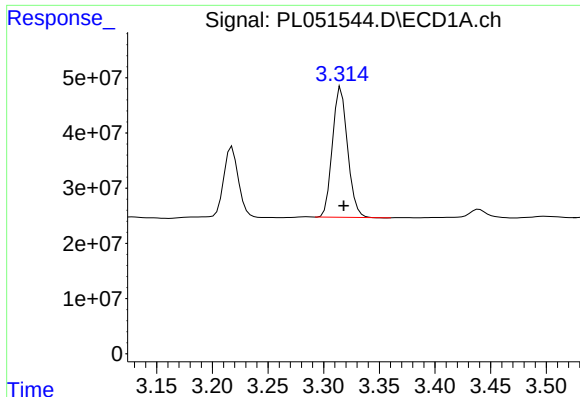
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081519\
 Data File : PL051544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 21:11
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

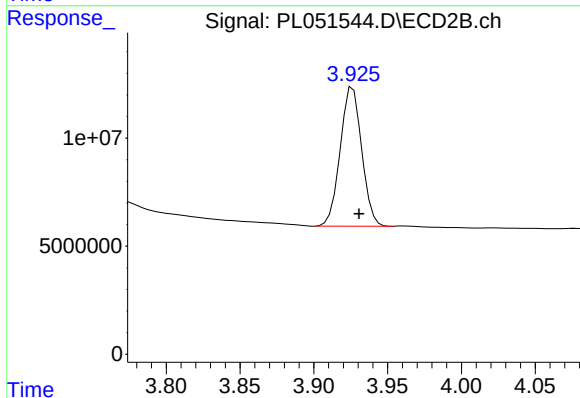




#1 Tetrachloro-m-xylene

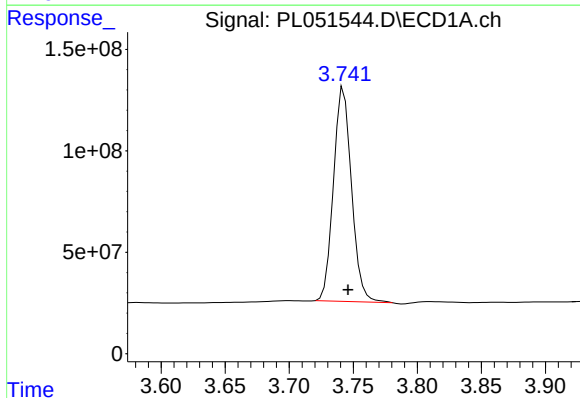
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 222953358
Conc: 22.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



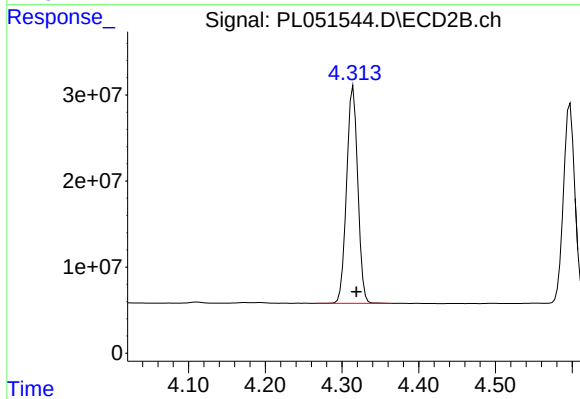
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: -0.004 min
Response: 65133739
Conc: 22.83 ng/ml



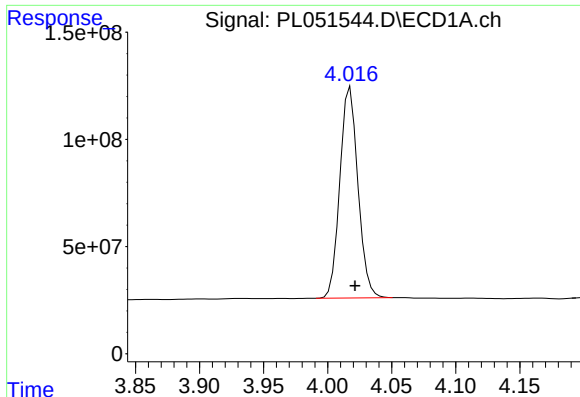
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 1033809556
Conc: 61.69 ng/ml



#2 alpha-BHC

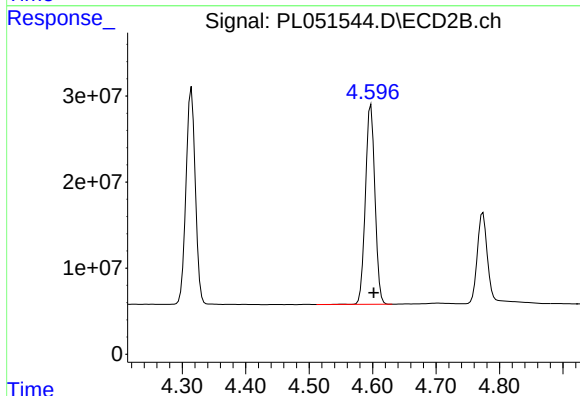
R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 256534582
Conc: 62.18 ng/ml



#3 gamma-BHC (Lindane)

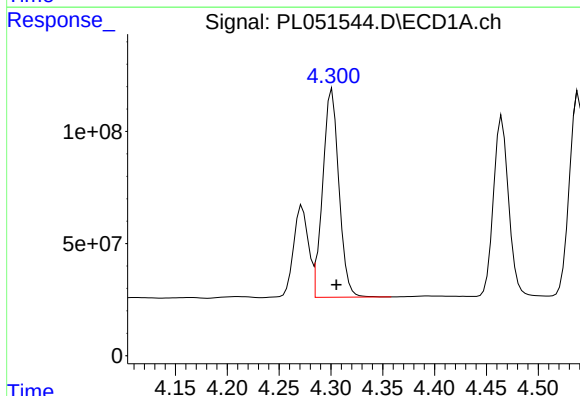
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 966506869
Conc: 62.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



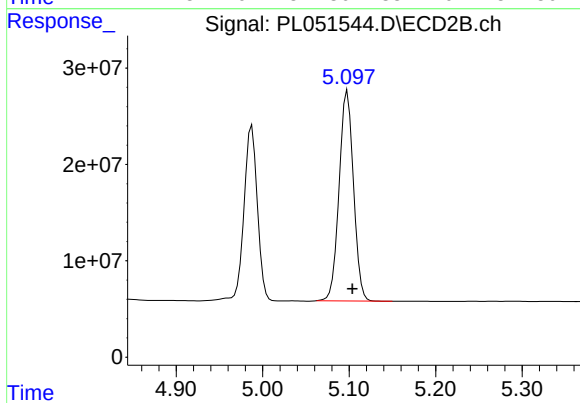
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 241371391
Conc: 62.32 ng/ml



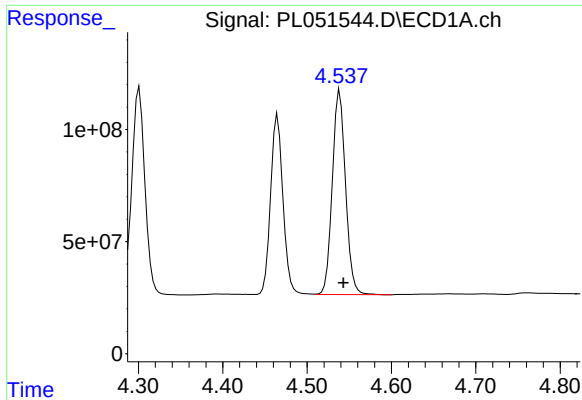
#4 Heptachlor

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 1008087613
Conc: 61.44 ng/ml



#4 Heptachlor

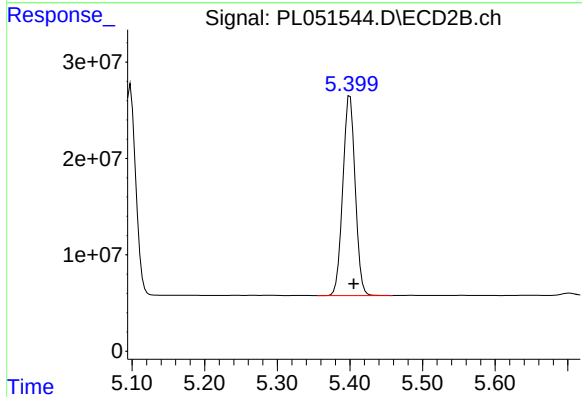
R.T.: 5.098 min
Delta R.T.: -0.006 min
Response: 250207857
Conc: 60.34 ng/ml



#5 Aldrin

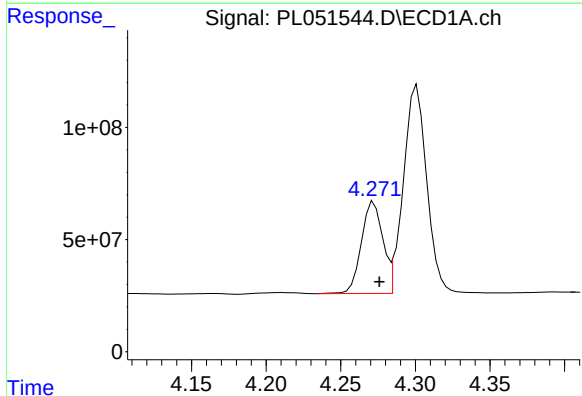
R.T.: 4.539 min
Delta R.T.: -0.004 min
Response: 994314681
Conc: 64.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



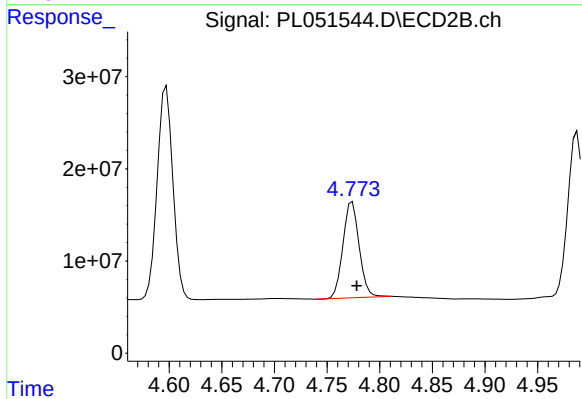
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: -0.005 min
Response: 245921099
Conc: 65.26 ng/ml



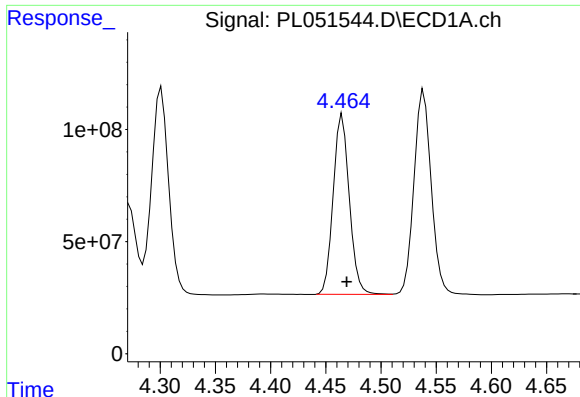
#6 beta-BHC

R.T.: 4.272 min
Delta R.T.: -0.004 min
Response: 408937635
Conc: 62.38 ng/ml



#6 beta-BHC

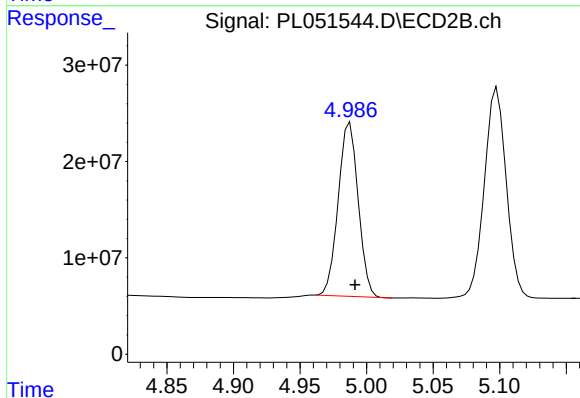
R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 112033863
Conc: 64.80 ng/ml



#7 delta-BHC

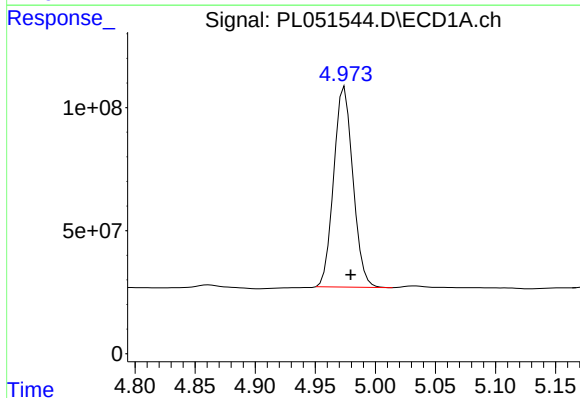
R.T.: 4.465 min
Delta R.T.: -0.004 min
Response: 817757283
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



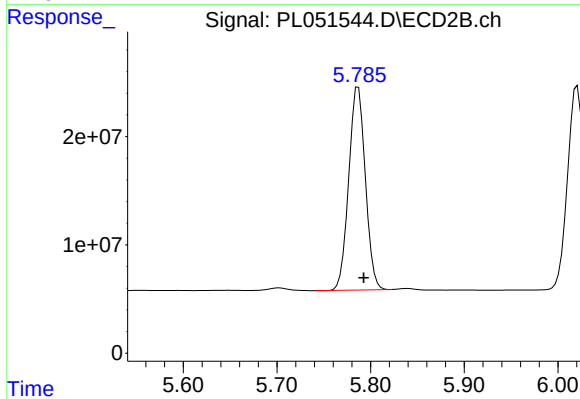
#7 delta-BHC

R.T.: 4.987 min
Delta R.T.: -0.004 min
Response: 188247754
Conc: 48.67 ng/ml



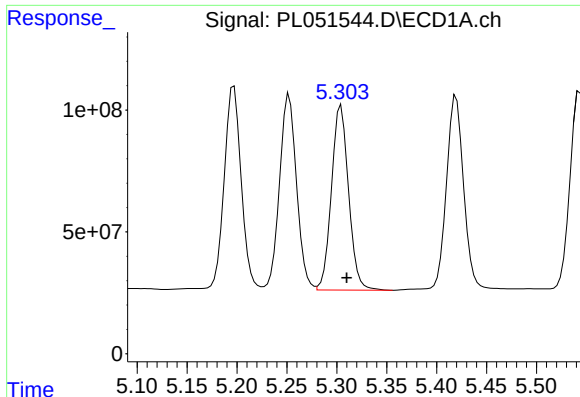
#8 Heptachlor epoxide

R.T.: 4.974 min
Delta R.T.: -0.005 min
Response: 908153119
Conc: 61.47 ng/ml



#8 Heptachlor epoxide

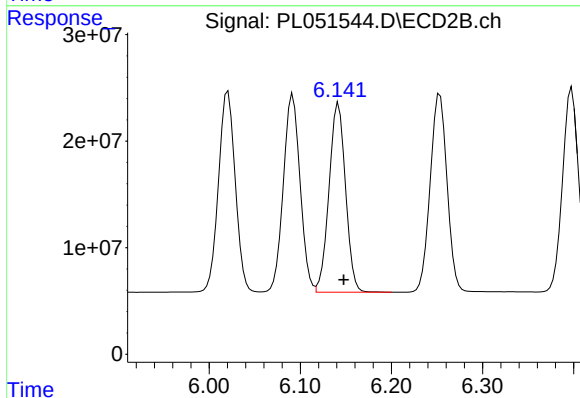
R.T.: 5.787 min
Delta R.T.: -0.006 min
Response: 231247200
Conc: 60.46 ng/ml



#9 Endosulfan I

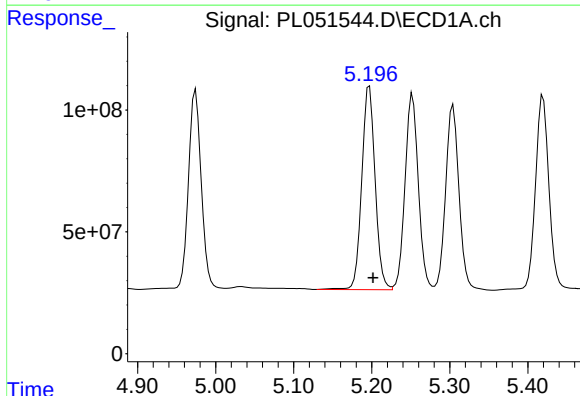
R.T.: 5.304 min
Delta R.T.: -0.006 min
Response: 905548072
Conc: 62.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



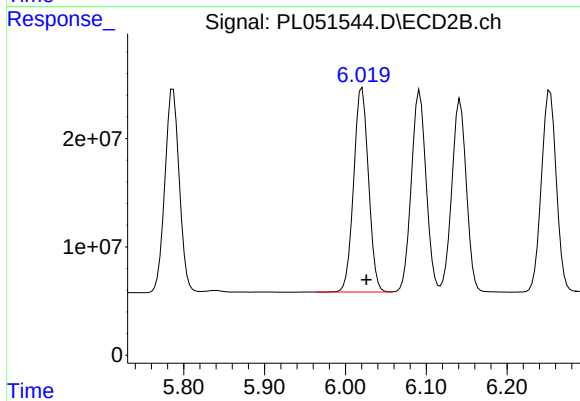
#9 Endosulfan I

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 223250237
Conc: 64.92 ng/ml



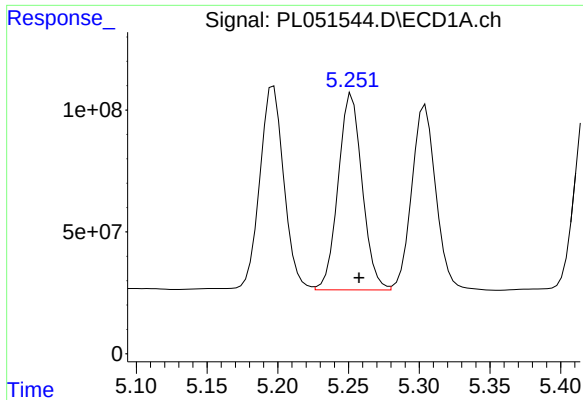
#10 gamma-Chlordane

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 996184791
Conc: 63.12 ng/ml



#10 gamma-Chlordane

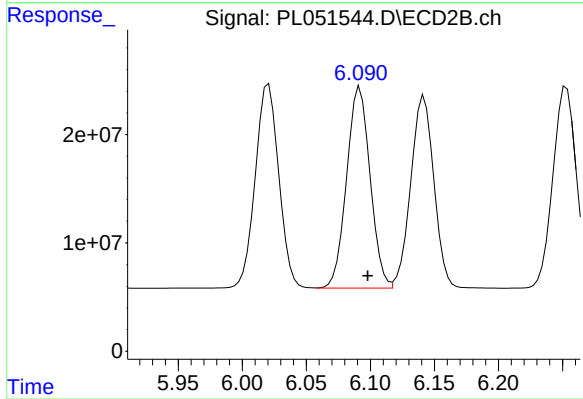
R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 240615452
Conc: 65.11 ng/ml



#11 alpha-Chlordane

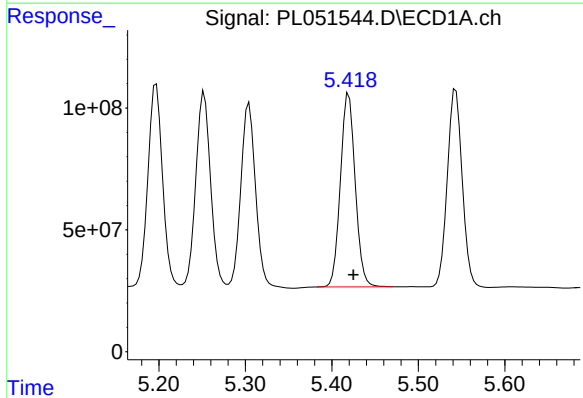
R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 953850571
Conc: 62.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



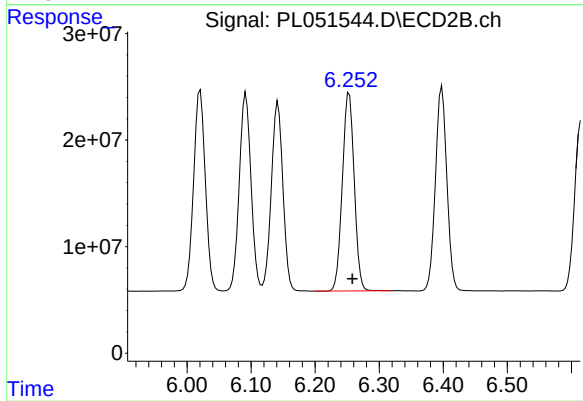
#11 alpha-Chlordane

R.T.: 6.092 min
Delta R.T.: -0.006 min
Response: 236982109
Conc: 64.66 ng/ml



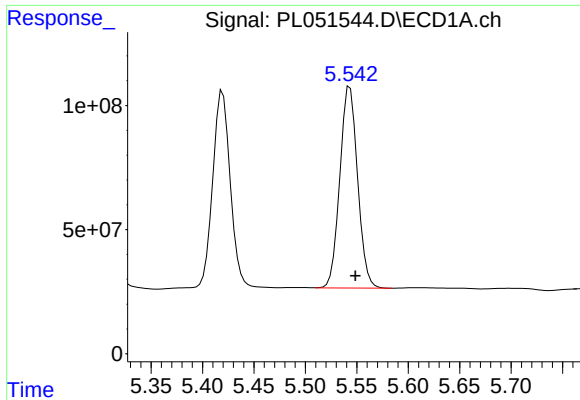
#12 4,4'-DDE

R.T.: 5.420 min
Delta R.T.: -0.005 min
Response: 938489053
Conc: 62.62 ng/ml



#12 4,4'-DDE

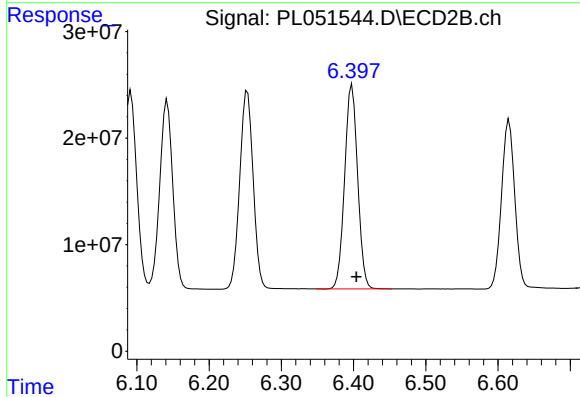
R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 239524582
Conc: 66.47 ng/ml



#13 Dieldrin

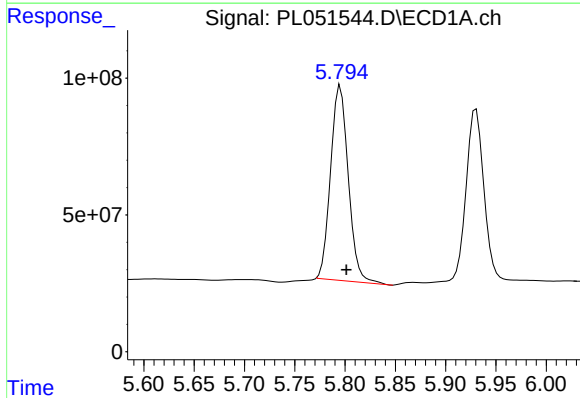
R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 975421691
Conc: 62.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



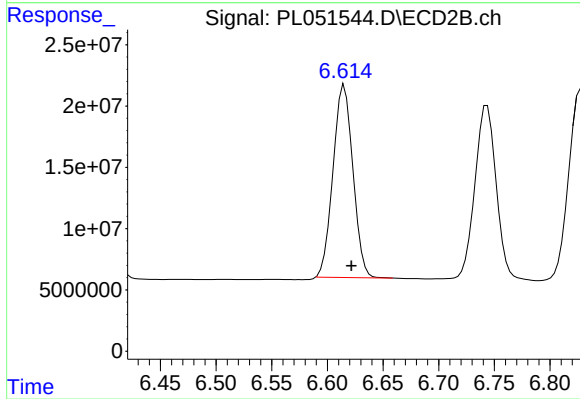
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: -0.006 min
Response: 238419829
Conc: 67.33 ng/ml



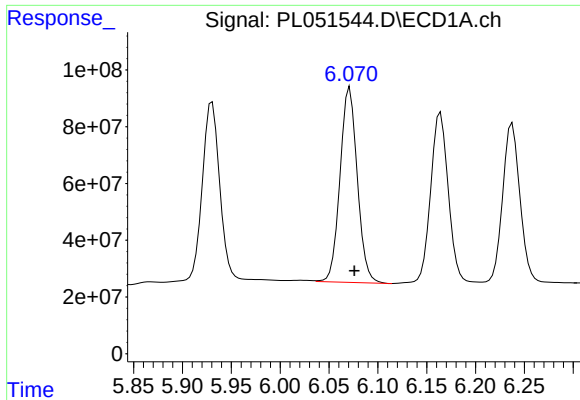
#14 Endrin

R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 873362119
Conc: 59.33 ng/ml



#14 Endrin

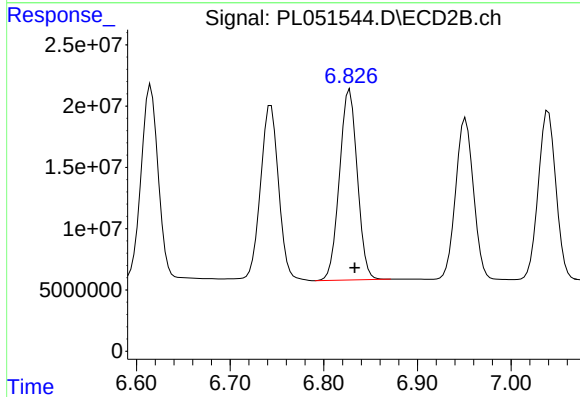
R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 195405033
Conc: 63.00 ng/ml



#15 Endosulfan II

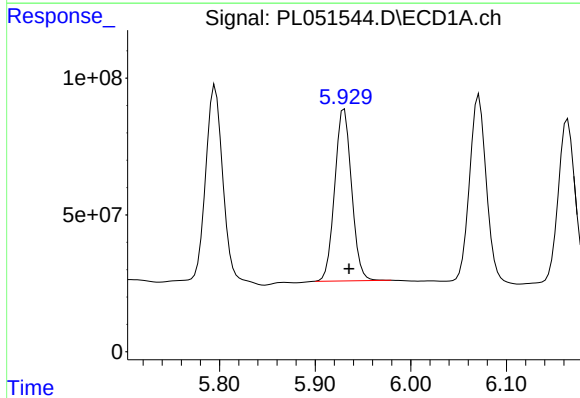
R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 846916894
Conc: 60.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



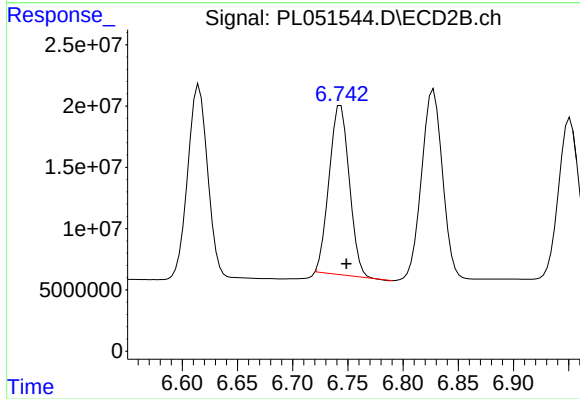
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.005 min
Response: 205663678
Conc: 64.69 ng/ml



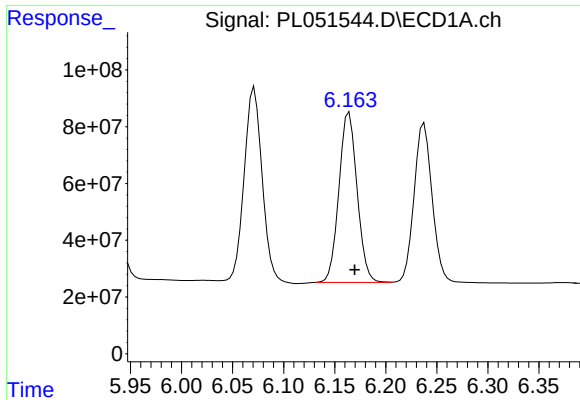
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 770226594
Conc: 64.27 ng/ml



#16 4,4'-DDD

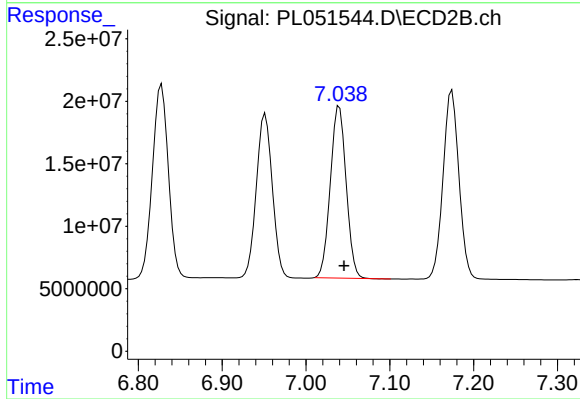
R.T.: 6.744 min
Delta R.T.: -0.005 min
Response: 175956133
Conc: 66.08 ng/ml



#17 4,4'-DDT

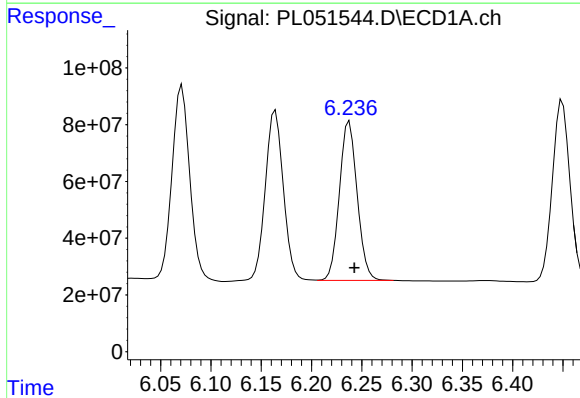
R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 743906985
Conc: 60.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



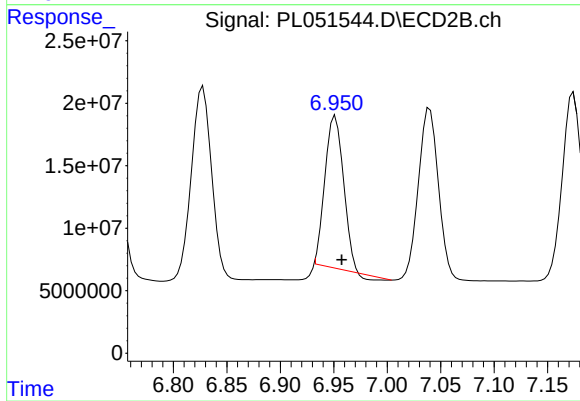
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 180041309
Conc: 66.69 ng/ml



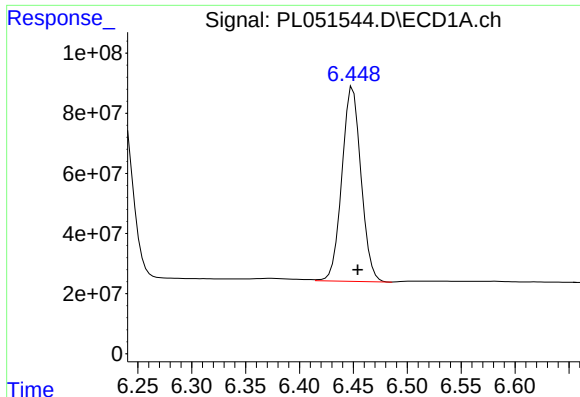
#18 Endrin aldehyde

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 688186436
Conc: 59.65 ng/ml



#18 Endrin aldehyde

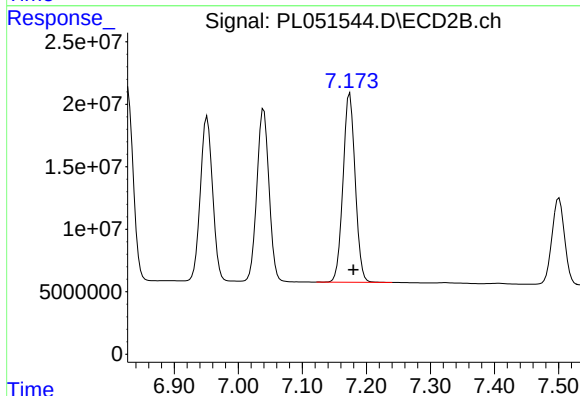
R.T.: 6.952 min
Delta R.T.: -0.006 min
Response: 144193226
Conc: 53.06 ng/ml



#19 Endosulfan Sulfate

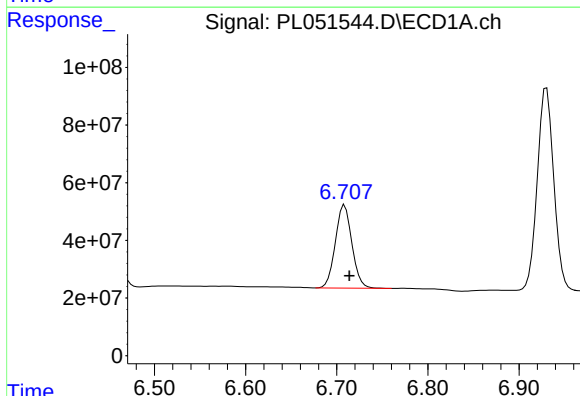
R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 798561634
Conc: 62.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



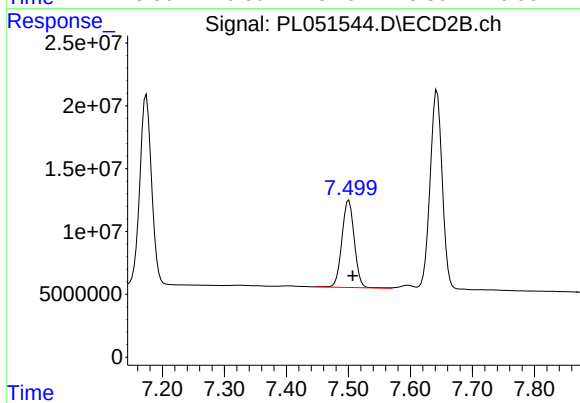
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.006 min
Response: 198713190
Conc: 68.80 ng/ml



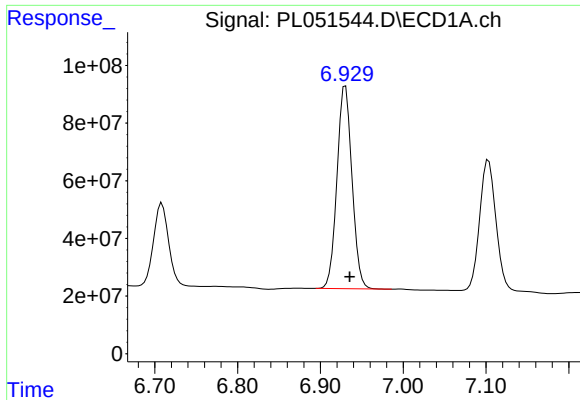
#20 Methoxychlor

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 364067236
Conc: 58.35 ng/ml



#20 Methoxychlor

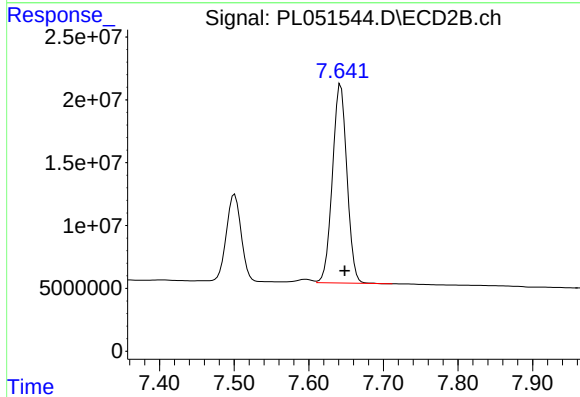
R.T.: 7.501 min
Delta R.T.: -0.006 min
Response: 96549581
Conc: 65.80 ng/ml



#21 Endrin ketone

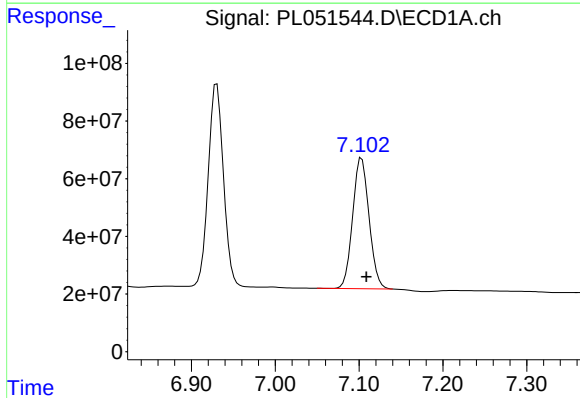
R.T.: 6.930 min
Delta R.T.: -0.005 min
Response: 886886701
Conc: 64.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



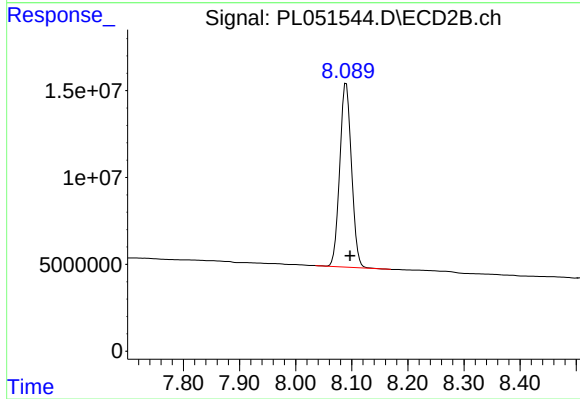
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 214206376
Conc: 74.09 ng/ml



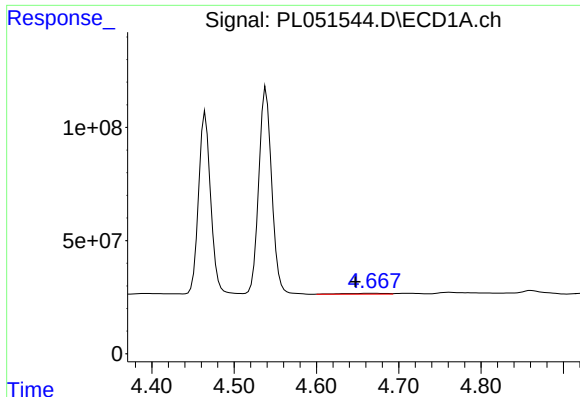
#22 Mirex

R.T.: 7.103 min
Delta R.T.: -0.006 min
Response: 617613090
Conc: 62.99 ng/ml



#22 Mirex

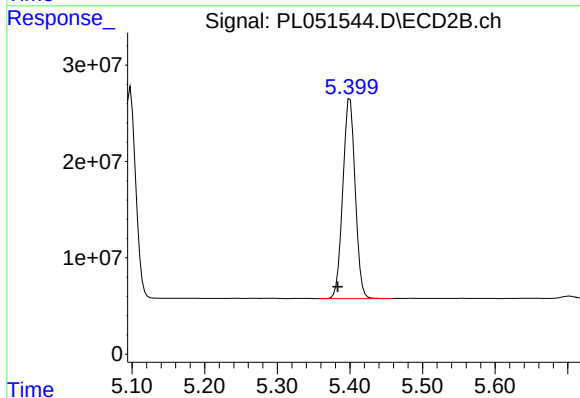
R.T.: 8.090 min
Delta R.T.: -0.007 min
Response: 153951122
Conc: 67.02 ng/ml



#24 Chlordane-2

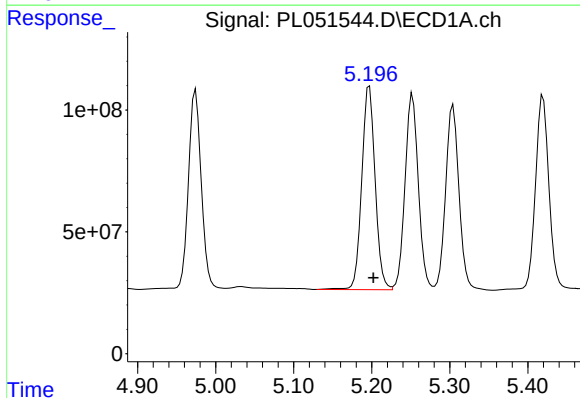
R.T.: 4.669 min
Delta R.T.: 0.021 min
Response: 13582054
Conc: 30.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



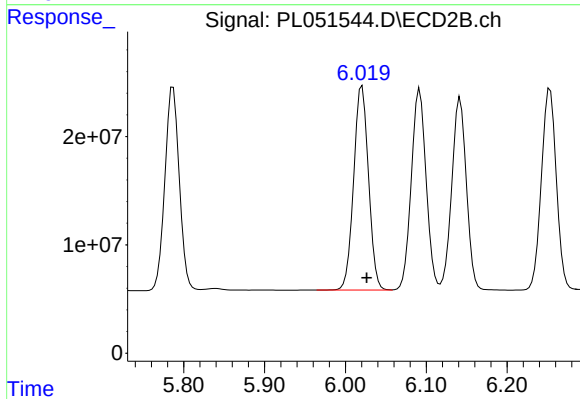
#24 Chlordane-2

R.T.: 5.400 min
Delta R.T.: 0.017 min
Response: 245921099
Conc: 2093.79 ng/ml



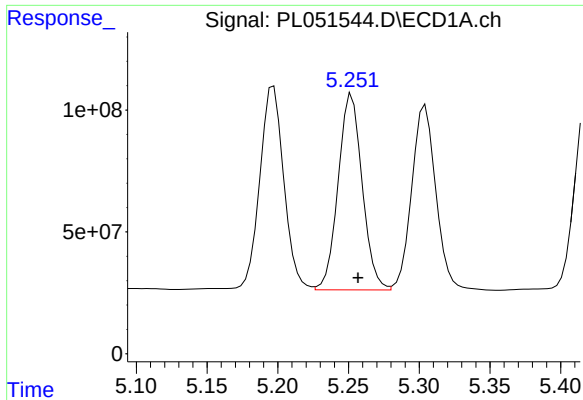
#25 Chlordane-3

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 996184791
Conc: 711.67 ng/ml



#25 Chlordane-3

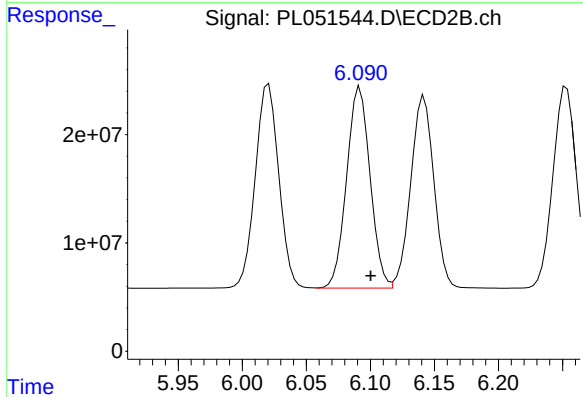
R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 240615452
Conc: 500.26 ng/ml



#26 Chlordane-4

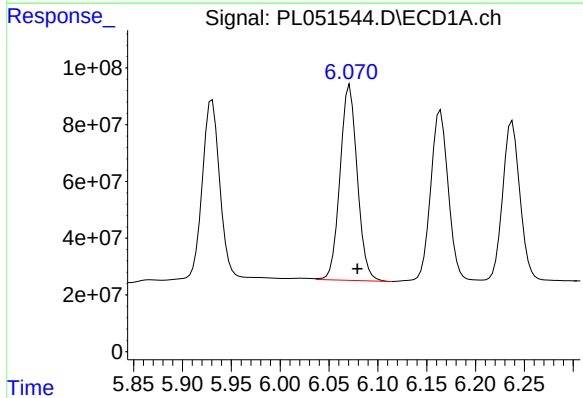
R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 953850571
Conc: 723.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



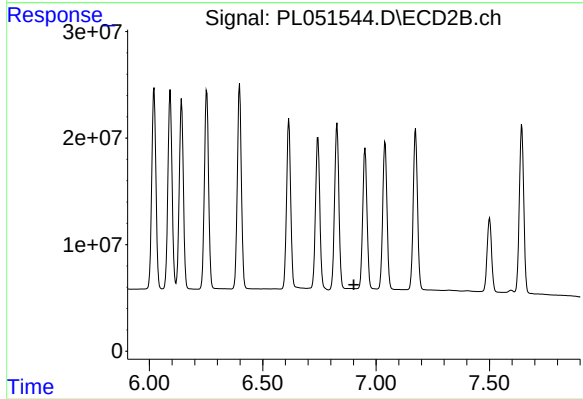
#26 Chlordane-4

R.T.: 6.092 min
Delta R.T.: -0.008 min
Response: 236982109
Conc: 407.94 ng/ml



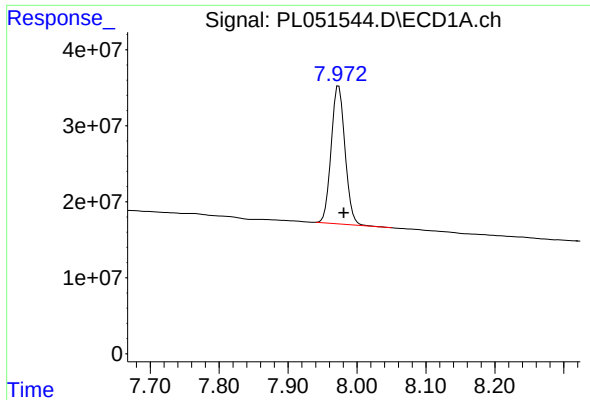
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 846916894
Conc: 1667.37 ng/ml



#27 Chlordane-5

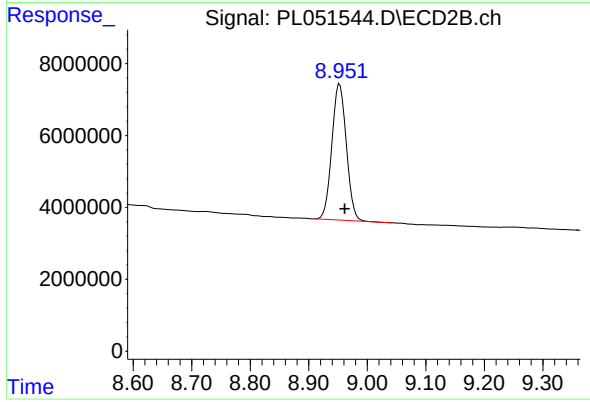
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.973 min
Delta R.T.: -0.007 min
Response: 252916428
Conc: 24.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.009 min
Response: 65033163
Conc: 23.00 ng/ml