

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080619\
 Data File : PL051116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 18:34
 Operator : SM\AJ
 Sample : K4162-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200050MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 00:44:32 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	240.5E6	68559935	23.940	24.029
28)	SA Decachlor...	7.979	8.958	217.1E6	58568825	21.442	20.711
Target Compounds							
2)	A alpha-BHC	3.746	4.317	1153.2E6	304.2E6	68.817	73.719
3)	MA gamma-BHC...	4.021	4.600	1083.2E6	282.7E6	70.424	73.000
4)	MA Heptachlor	4.305	5.101	1144.8E6	287.8E6	69.773	69.408
5)	MB Aldrin	4.543	5.403	1052.7E6	264.2E6	67.954	70.119
6)	B beta-BHC	4.276	4.776	465.2E6	128.3E6	70.957	74.214
7)	B delta-BHC	4.469	4.990	1067.2E6	240.3E6	65.039	62.141
8)	B Heptachlo...	4.979	5.790	1011.3E6	253.3E6	68.456	66.223
9)	A Endosulfan I	5.309	6.145	954.9E6	239.4E6	65.654	69.619
10)	B gamma-Chl...	5.201	6.024	1071.1E6	251.2E6	67.860	67.992
11)	B alpha-Chl...	5.257	6.095	1022.1E6	253.4E6	66.994	69.149
12)	B 4,4'-DDE	5.424	6.256	971.6E6	247.4E6	64.836	68.652
13)	MA Dieldrin	5.548	6.401	1043.8E6	253.7E6	67.356	71.634
14)	MA Endrin	5.800	6.618	985.4E6	219.5E6	66.941	70.770
15)	B Endosulfa...	6.076	6.830	879.2E6	221.1E6	62.825	69.534
16)	A 4,4'-DDD	5.935	6.746	777.1E6	190.8E6	64.848	71.663
17)	MA 4,4'-DDT	6.168	7.043	772.3E6	185.1E6	62.350	68.550
18)	B Endrin al...	6.242	6.955	664.0E6	157.8E6	57.557	58.066
19)	B Endosulfa...	6.454	7.177	768.5E6	192.6E6	60.326	66.688
20)	A Methoxychlor	6.714	7.504	379.3E6	98379652	60.802	67.050
21)	B Endrin ke...	6.934	7.646	848.1E6	211.1E6	62.004	73.014
22)	Mirex	7.108	8.094	527.3E6	133.7E6	53.780	58.221
24)	Chlordane-2	0.000	5.403f	0	264.2E6	N.D.	2249.700 #
25)	Chlordane-3	5.201	6.024	1071.1E6	251.2E6	765.152	522.371 #
26)	Chlordane-4	5.257	6.095	1022.1E6	253.4E6	774.890	436.279 #
27)	Chlordane-5	6.076	0.000	879.2E6	0	1730.993	N.D. #

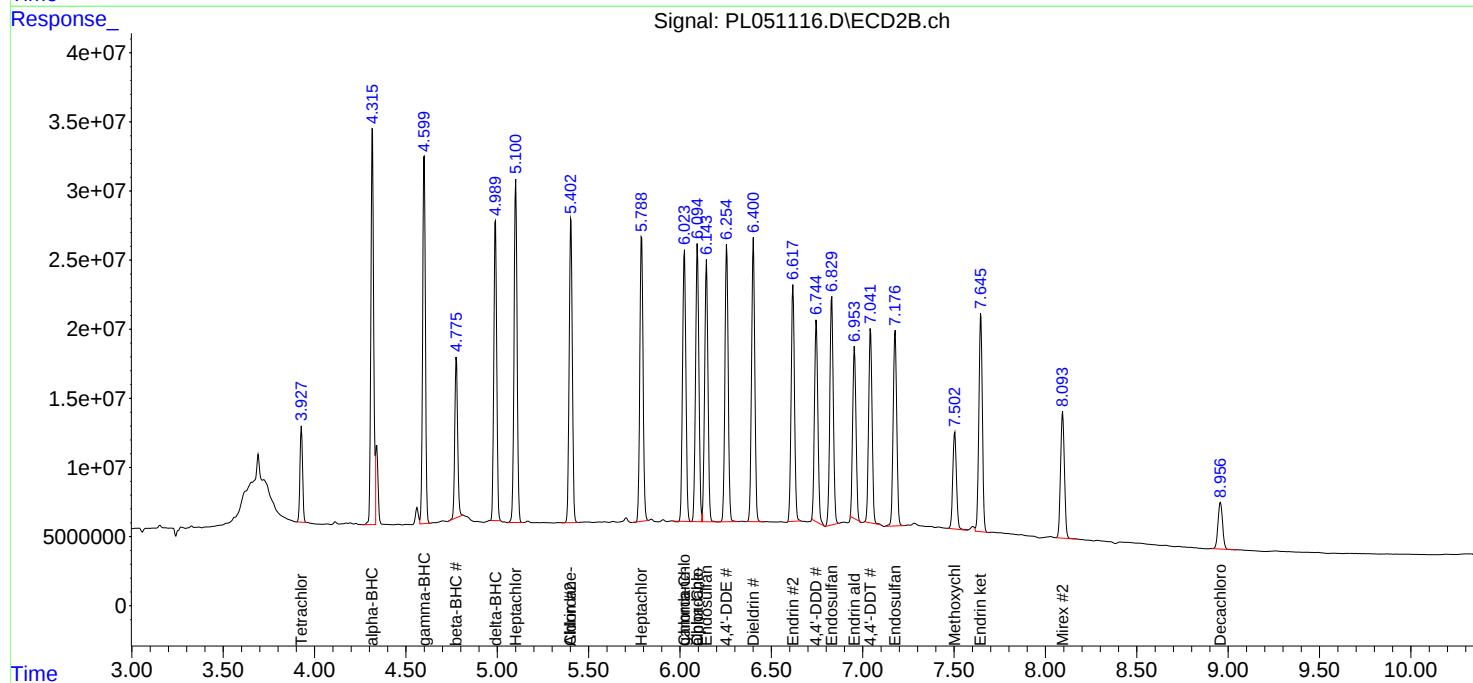
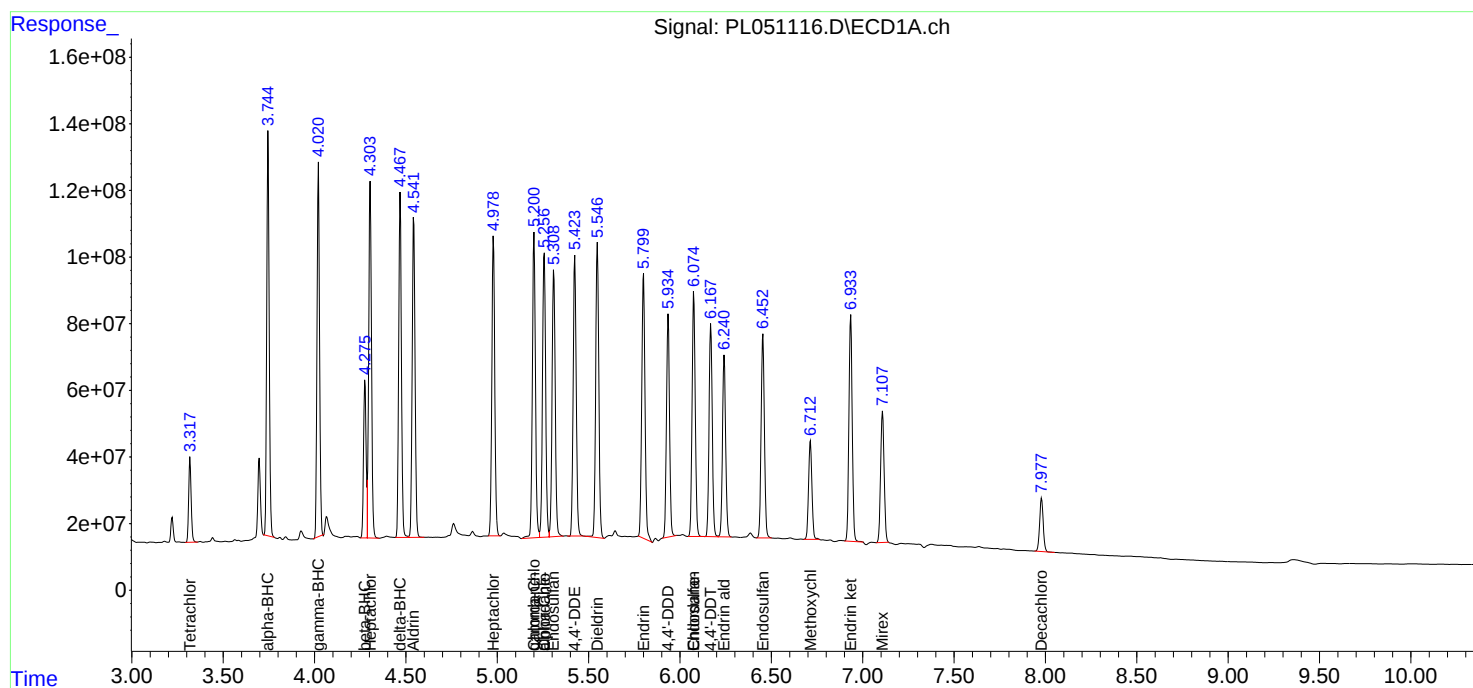
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

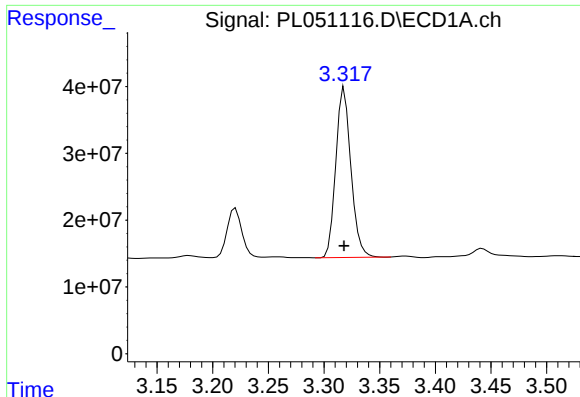
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080619\
Data File : PL051116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 18:34
Operator : SM\AJ
Sample : K4162-04MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 00:44:32 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

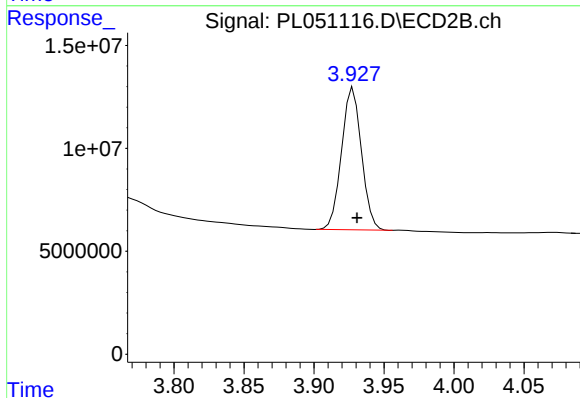




#1 Tetrachloro-m-xylene

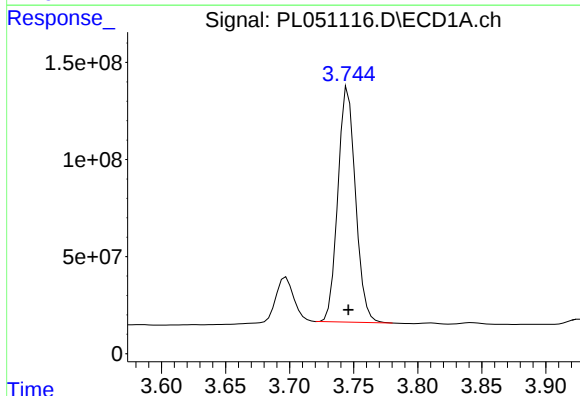
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 240548448
Conc: 23.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



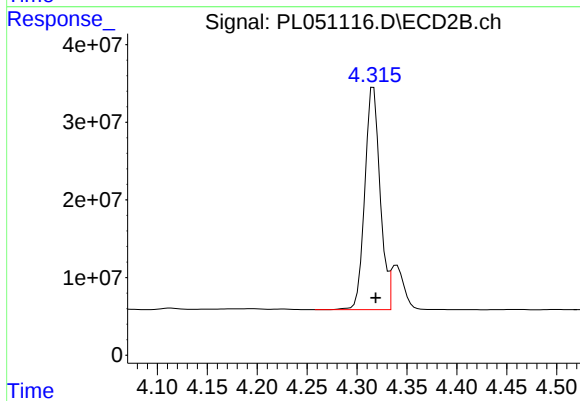
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 68559935
Conc: 24.03 ng/ml



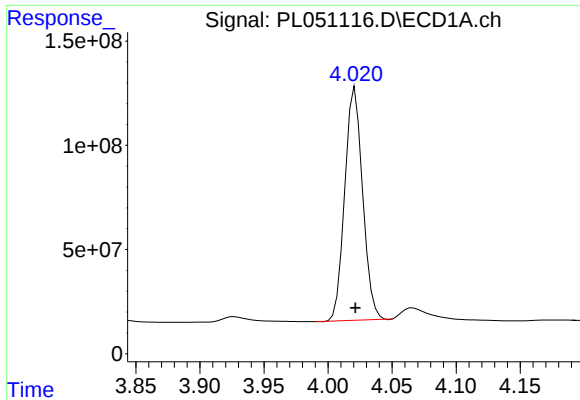
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 1153220505
Conc: 68.82 ng/ml



#2 alpha-BHC

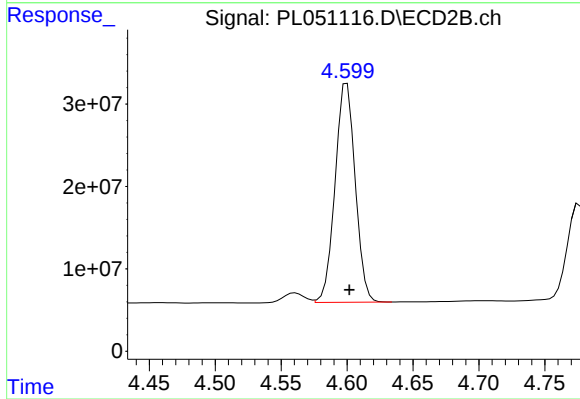
R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 304164630
Conc: 73.72 ng/ml



#3 gamma-BHC (Lindane)

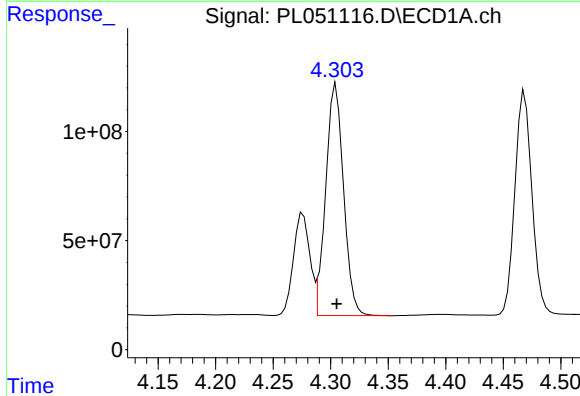
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 1083241047
Conc: 70.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



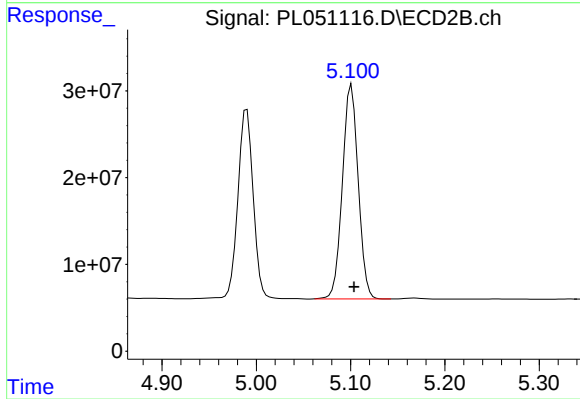
#3 gamma-BHC (Lindane)

R.T.: 4.600 min
Delta R.T.: -0.002 min
Response: 282742300
Conc: 73.00 ng/ml



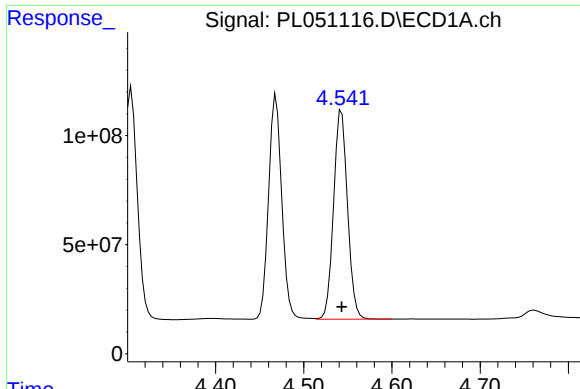
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 1144822460
Conc: 69.77 ng/ml



#4 Heptachlor

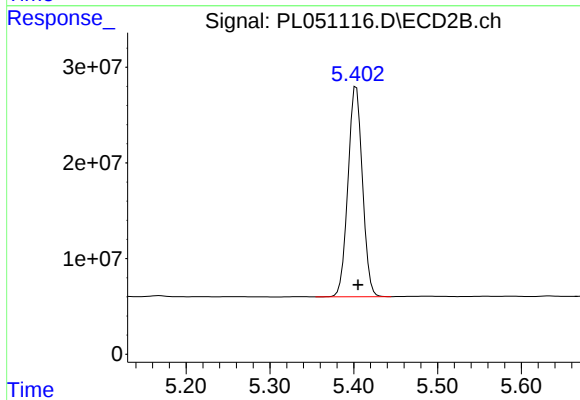
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 287814381
Conc: 69.41 ng/ml



#5 Aldrin

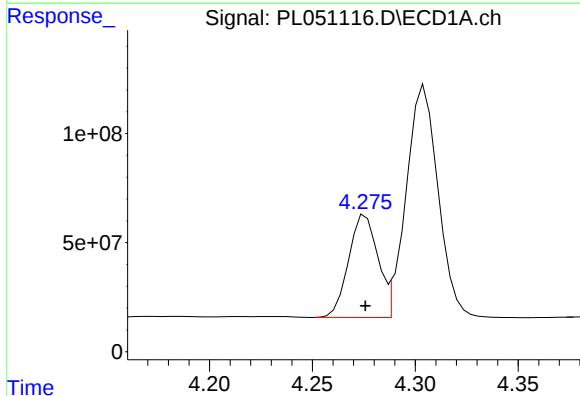
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 1052704449
Conc: 67.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



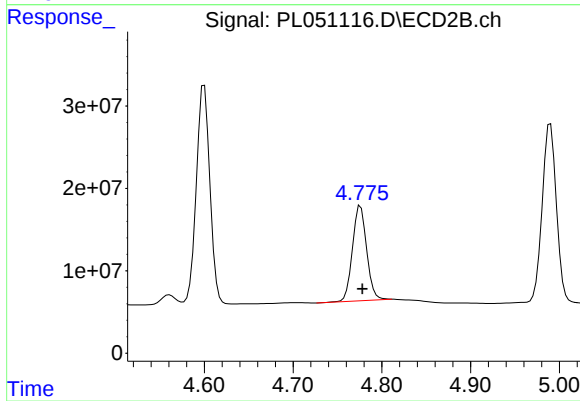
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 264232874
Conc: 70.12 ng/ml



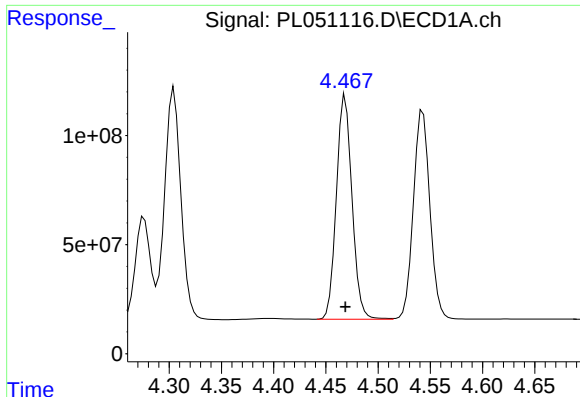
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 465185075
Conc: 70.96 ng/ml



#6 beta-BHC

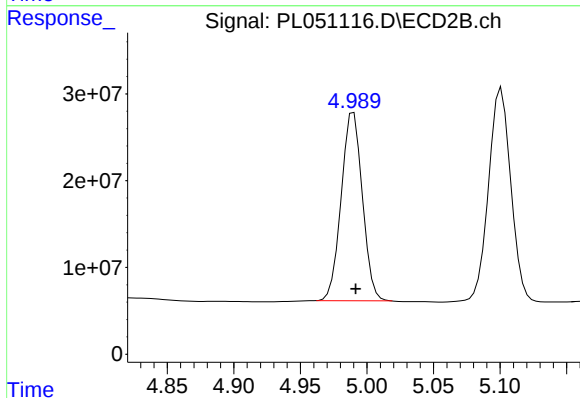
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 128305771
Conc: 74.21 ng/ml



#7 delta-BHC

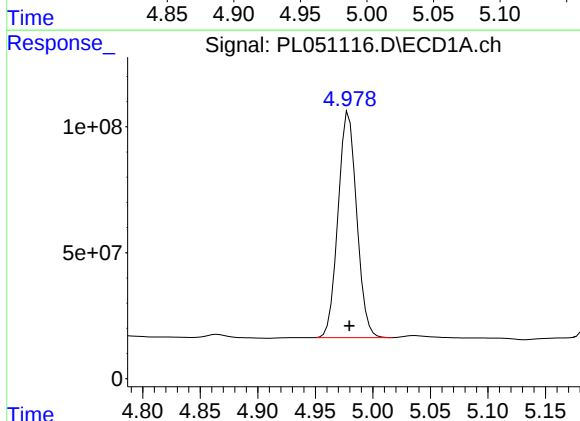
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 1067207483
Conc: 65.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



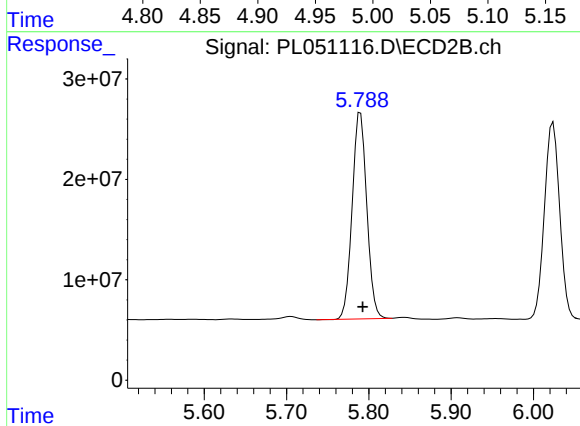
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 240337748
Conc: 62.14 ng/ml



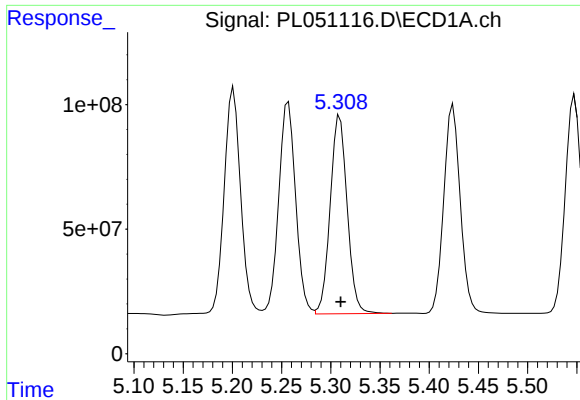
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1011341814
Conc: 68.46 ng/ml



#8 Heptachlor epoxide

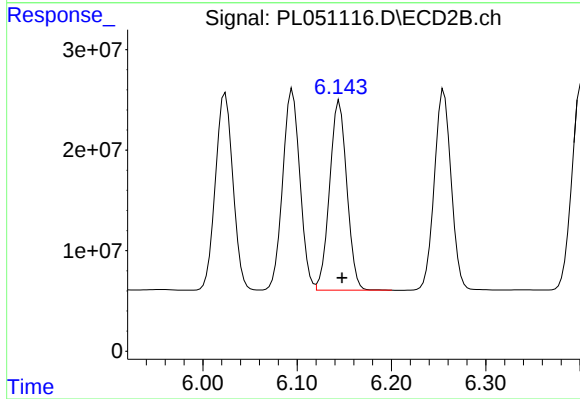
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 253290930
Conc: 66.22 ng/ml



#9 Endosulfan I

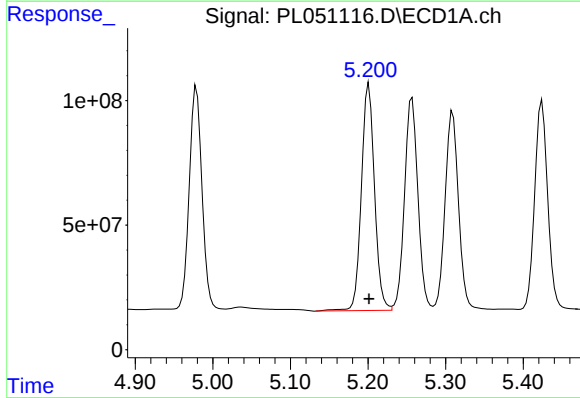
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 954866649
Conc: 65.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



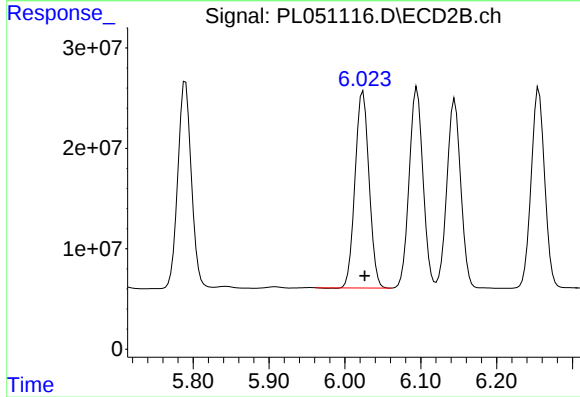
#9 Endosulfan I

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 239412648
Conc: 69.62 ng/ml



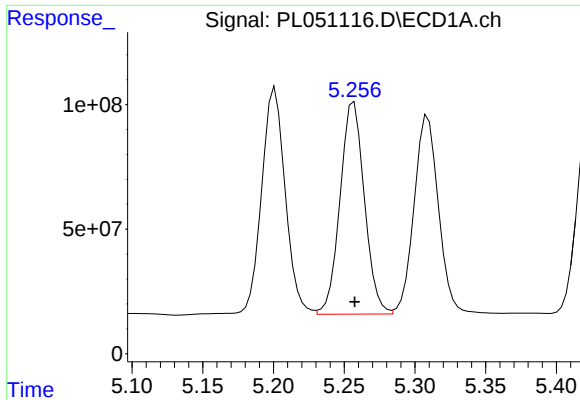
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 1071050421
Conc: 67.86 ng/ml



#10 gamma-Chlordane

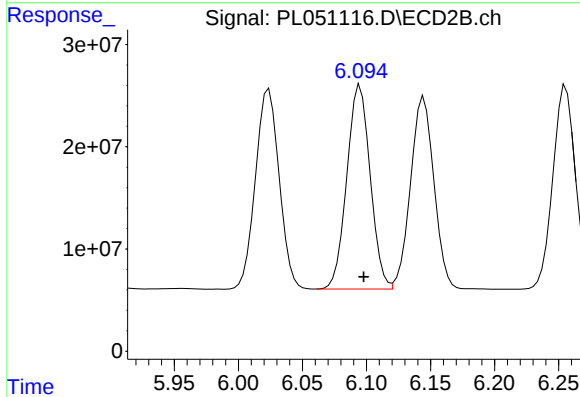
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 251249995
Conc: 67.99 ng/ml



#11 alpha-Chlordane

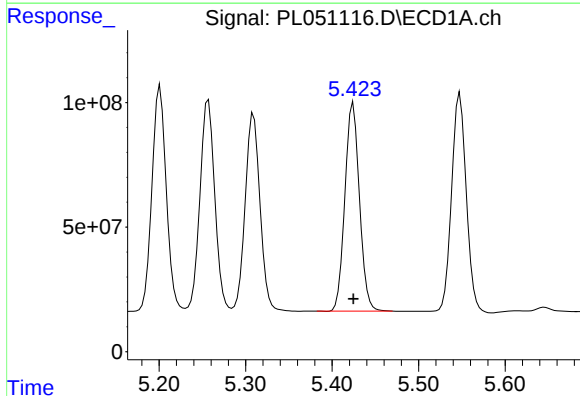
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1022063398
Conc: 66.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



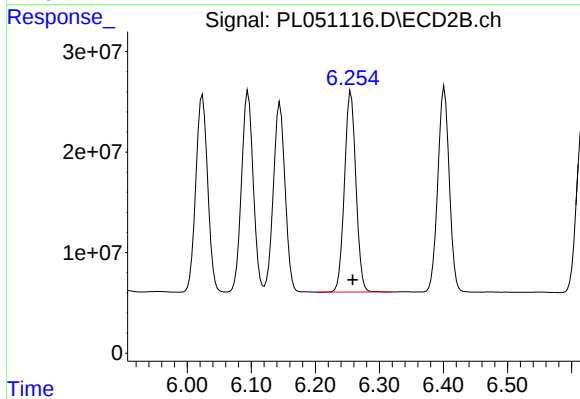
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 253442220
Conc: 69.15 ng/ml



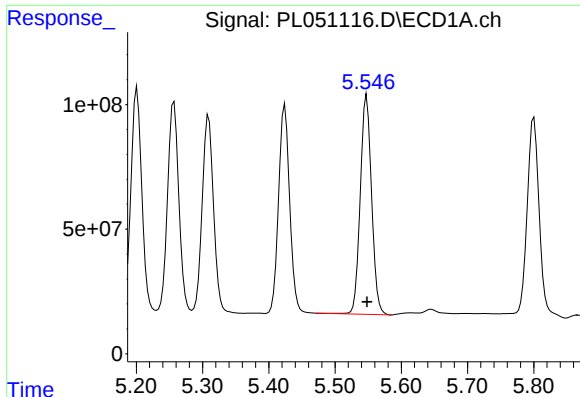
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 971621298
Conc: 64.84 ng/ml



#12 4,4'-DDE

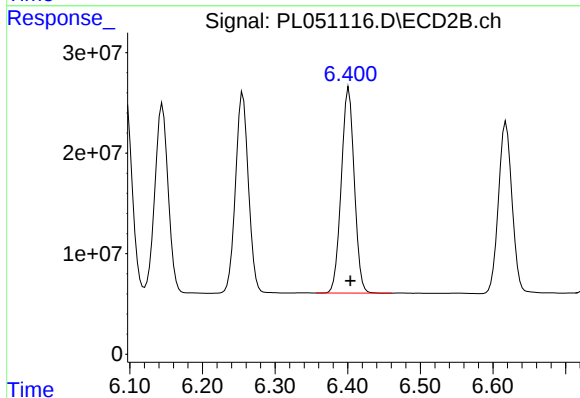
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 247378946
Conc: 68.65 ng/ml



#13 Dieldrin

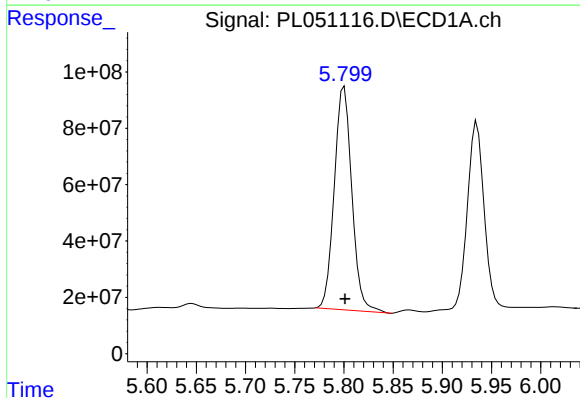
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1043799820
Conc: 67.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



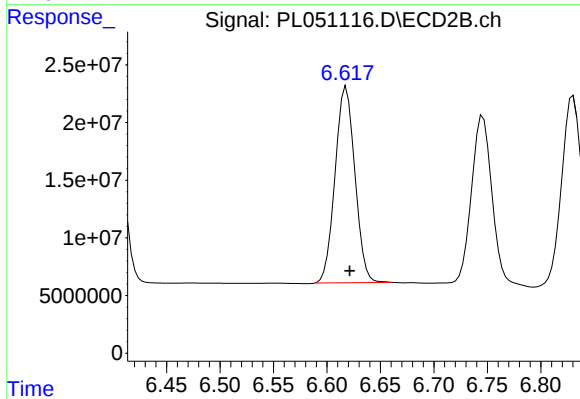
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 253666804
Conc: 71.63 ng/ml



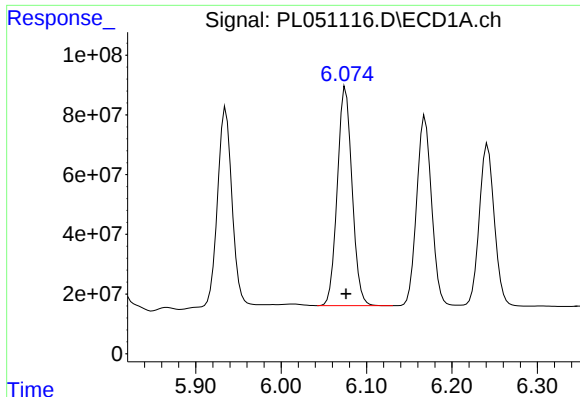
#14 Endrin

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 985402340
Conc: 66.94 ng/ml



#14 Endrin

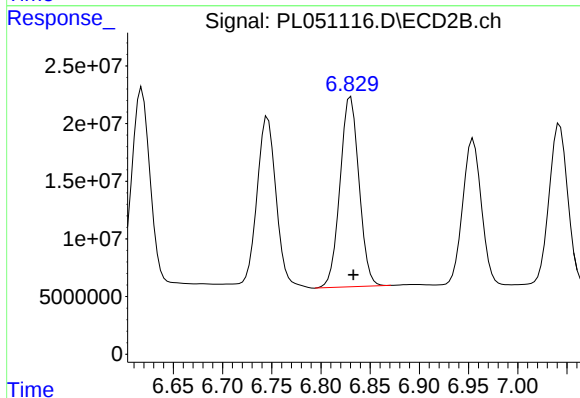
R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 219488992
Conc: 70.77 ng/ml



#15 Endosulfan II

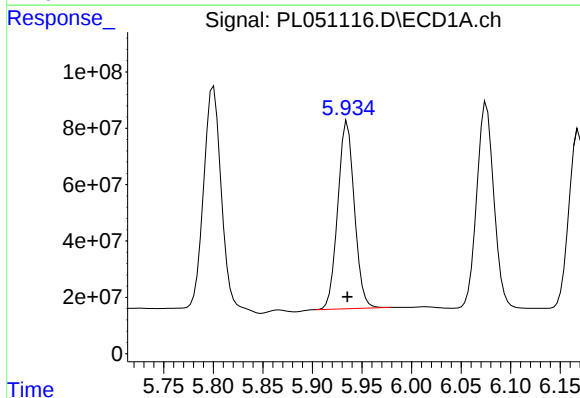
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 879235614
Conc: 62.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



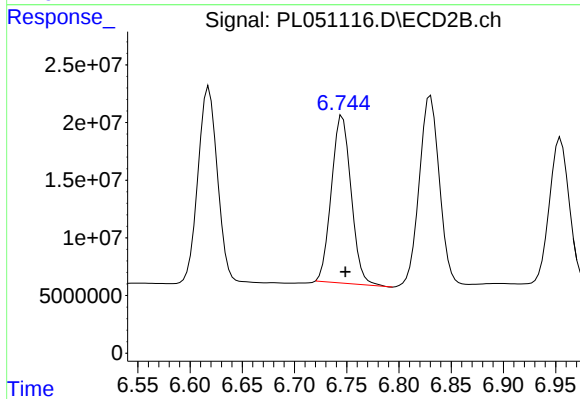
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 221060996
Conc: 69.53 ng/ml



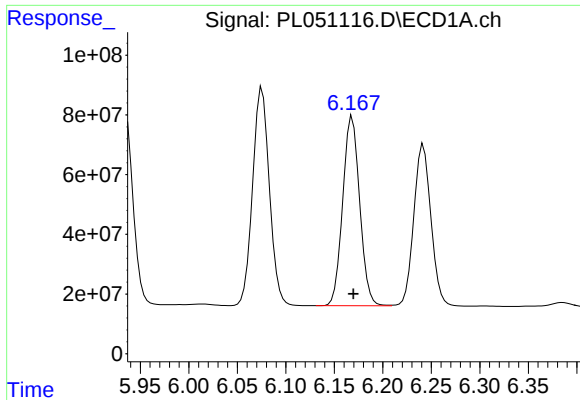
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 777121708
Conc: 64.85 ng/ml



#16 4,4'-DDD

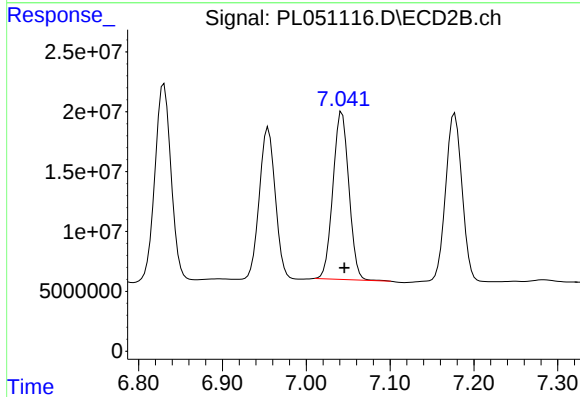
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 190830228
Conc: 71.66 ng/ml



#17 4,4'-DDT

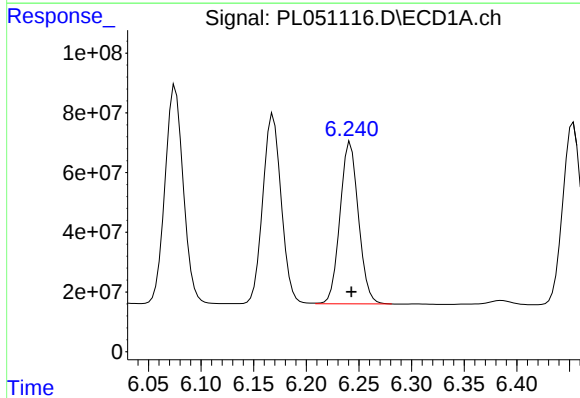
R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 772253663
Conc: 62.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



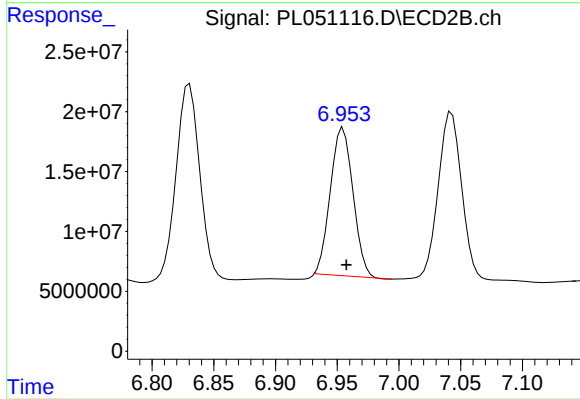
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 185056746
Conc: 68.55 ng/ml



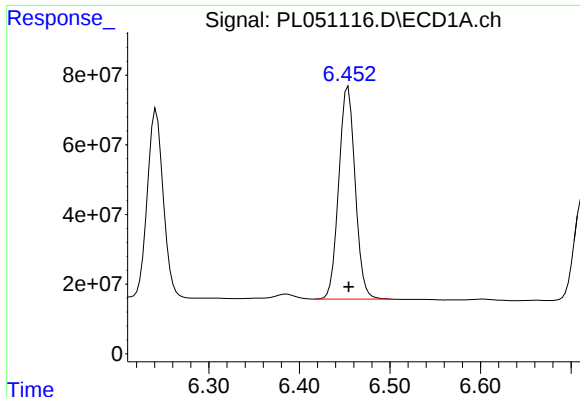
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 663999250
Conc: 57.56 ng/ml



#18 Endrin aldehyde

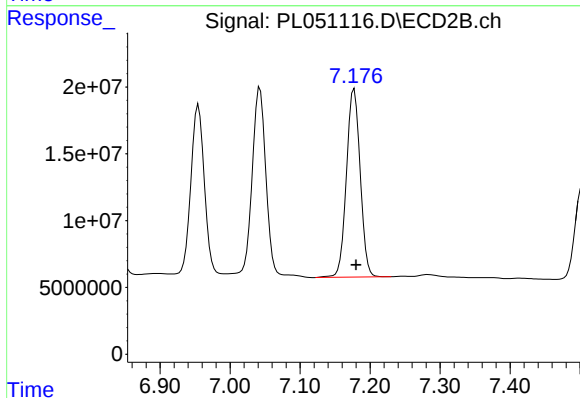
R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 157799985
Conc: 58.07 ng/ml



#19 Endosulfan Sulfate

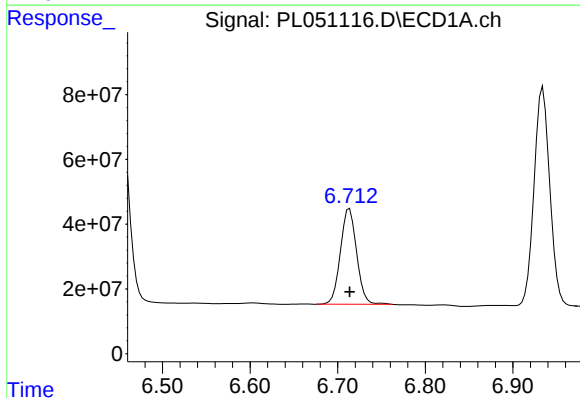
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 768525148
Conc: 60.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



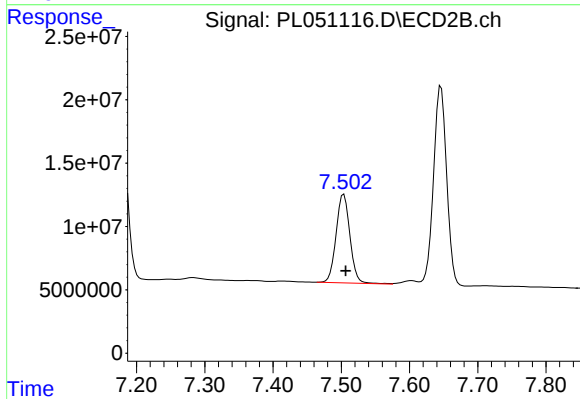
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 192611680
Conc: 66.69 ng/ml



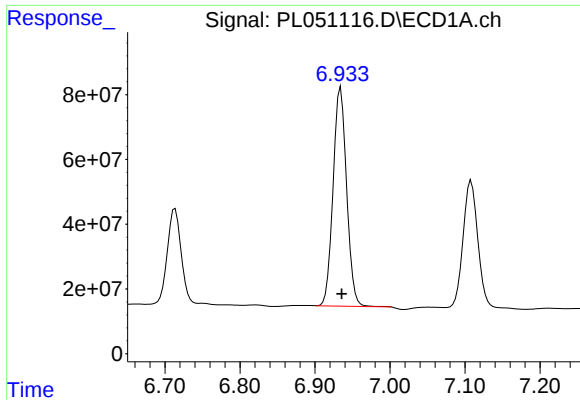
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 379337723
Conc: 60.80 ng/ml



#20 Methoxychlor

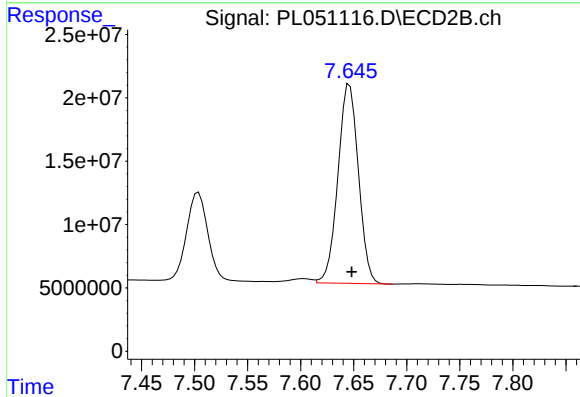
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 98379652
Conc: 67.05 ng/ml



#21 Endrin ketone

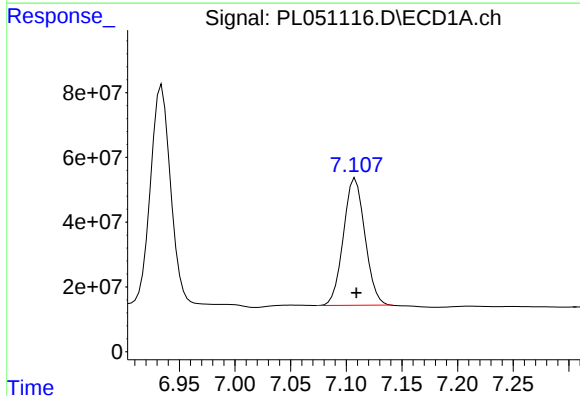
R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 848062906
Conc: 62.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



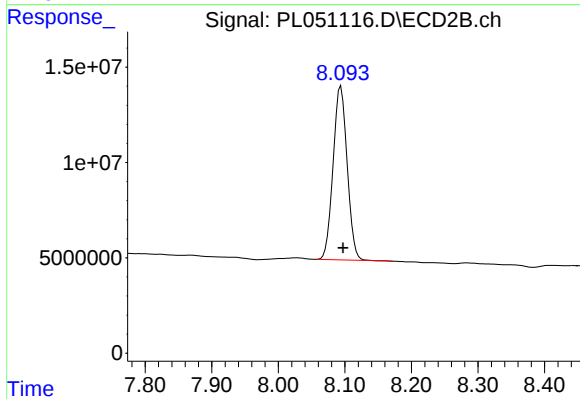
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 211103333
Conc: 73.01 ng/ml



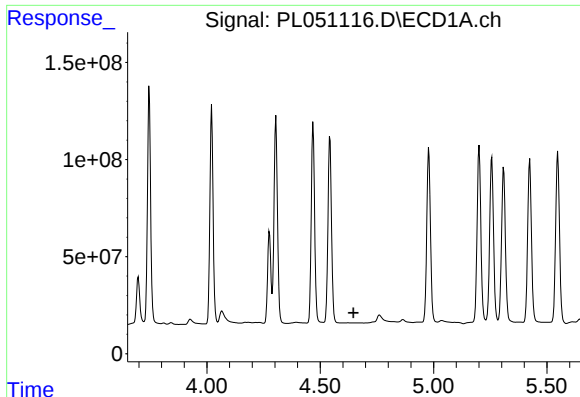
#22 Mirex

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 527277099
Conc: 53.78 ng/ml



#22 Mirex

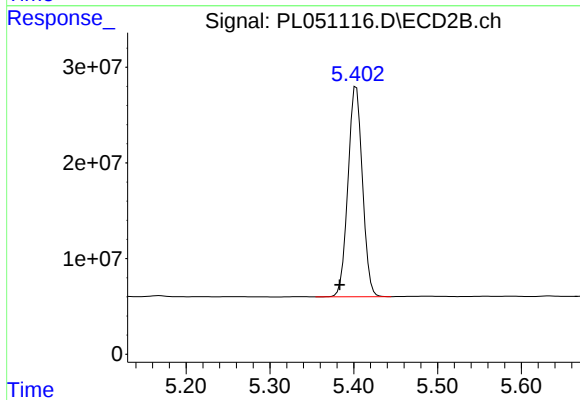
R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 133733688
Conc: 58.22 ng/ml



#24 Chlordane-2

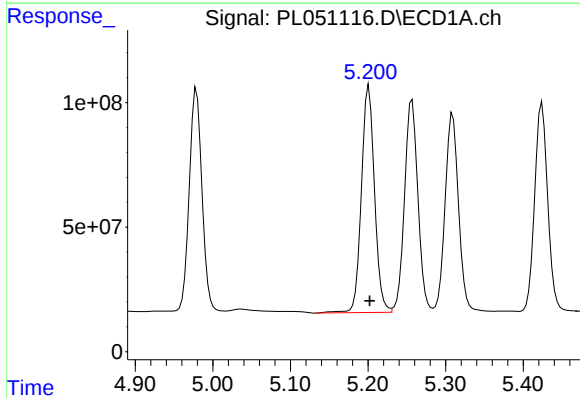
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



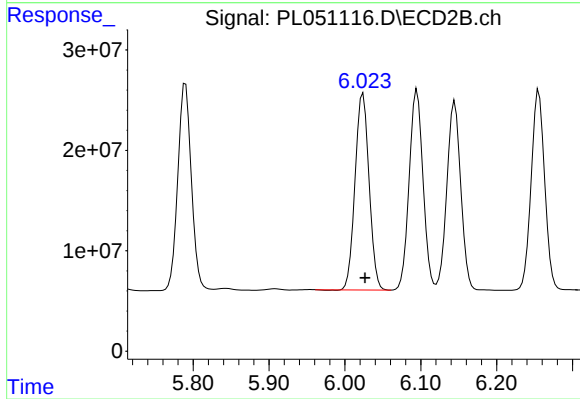
#24 Chlordane-2

R.T.: 5.403 min
Delta R.T.: 0.020 min
Response: 264232874
Conc: 2249.70 ng/ml



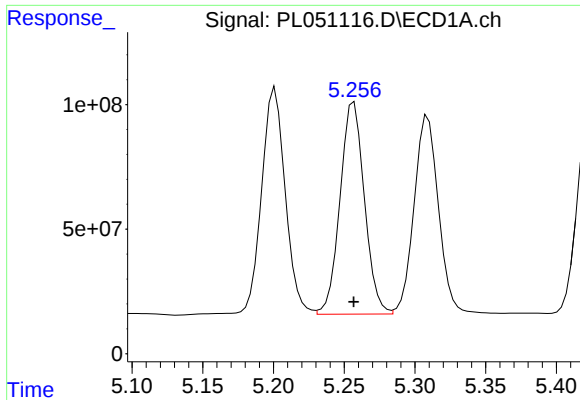
#25 Chlordane-3

R.T.: 5.201 min
Delta R.T.: -0.001 min
Response: 1071050421
Conc: 765.15 ng/ml



#25 Chlordane-3

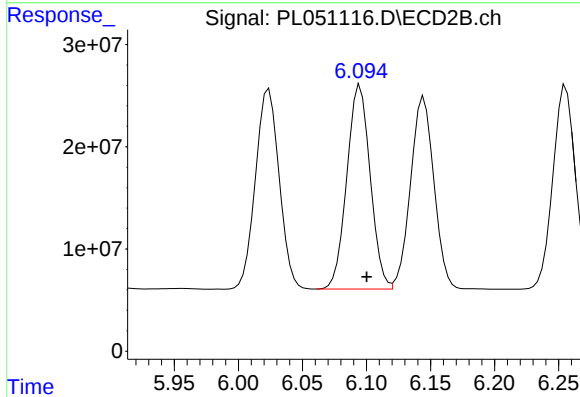
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 251249995
Conc: 522.37 ng/ml



#26 Chlordane-4

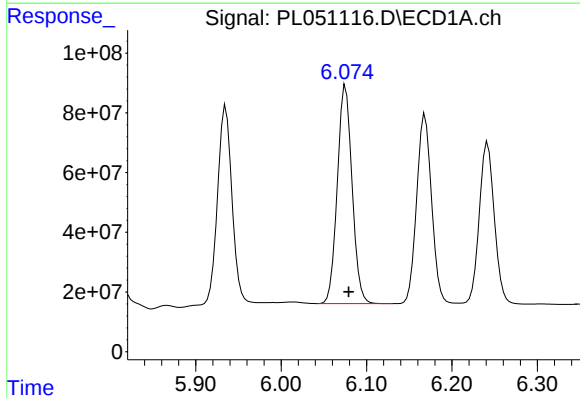
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1022063398
Conc: 774.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



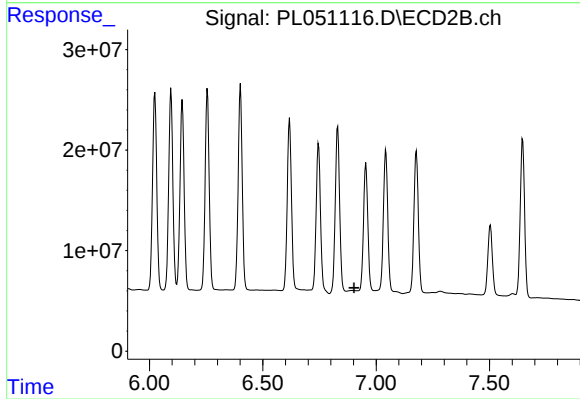
#26 Chlordane-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 253442220
Conc: 436.28 ng/ml



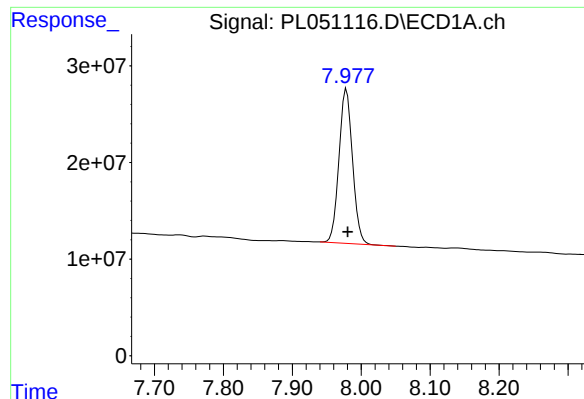
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 879235614
Conc: 1730.99 ng/ml



#27 Chlordane-5

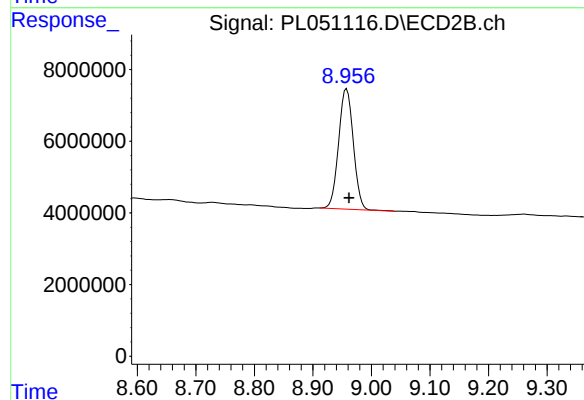
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.002 min
Response: 217111861
Conc: 21.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200050MSD



#28 Decachlorobiphenyl

R.T.: 8.958 min
Delta R.T.: -0.004 min
Response: 58568825
Conc: 20.71 ng/ml