

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022820\
 Data File : PL056891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2020 14:32
 Operator : AJ\MA
 Sample : L1719-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 29 03:37:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022720.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 27 13:35:45 2020
 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...	3.500	4.001	390.1E6	128.2E6	21.814	23.915
28)	SA Decachlor...	8.257	9.069	363.3E6	88020648	18.289	20.797
Target Compounds							
2)	A alpha-BHC	3.939	4.390	1724.7E6	478.2E6	56.658	58.041
3)	MA gamma-BHC...	4.223	4.675	1619.8E6	430.5E6	56.352	56.155
4)	MA Heptachlor	4.525	5.181	1673.0E6	403.6E6	59.512	62.748
5)	MB Aldrin	4.774	5.485	1537.6E6	377.8E6	54.745	56.883
6)	B beta-BHC	4.475	4.848	638.8E6	193.6E6	56.621	58.044
7)	B delta-BHC	4.679	5.064	1534.6E6	341.8E6	54.621	54.160
8)	B Heptachlo...	5.217	5.872	1474.4E6	314.5E6	55.806	52.724
9)	A Endosulfan I	5.557	6.230	1378.4E6	324.2E6	55.385	57.783
10)	B gamma-Chl...	5.444	6.106	1500.2E6	345.6E6	54.908	57.665
11)	B alpha-Chl...	5.503	6.179	1450.3E6	336.4E6	54.077	56.554
12)	B 4,4'-DDE	5.666	6.338	1493.2E6	348.7E6	58.019	59.898
13)	MA Dieldrin	5.801	6.487	1556.1E6	349.8E6	57.416	58.772
14)	MA Endrin	6.058	6.705	1409.5E6	299.6E6	57.857	58.336
15)	B Endosulfa...	6.331	6.916	1321.7E6	286.0E6	61.398	53.577
16)	A 4,4'-DDD	6.183	6.830	1226.3E6	277.8E6	62.314	57.742
17)	MA 4,4'-DDT	6.423	7.128	1261.0E6	268.0E6	62.808	58.725
18)	B Endrin al...	6.500	7.040	1094.0E6	242.6E6	55.293	55.003
19)	B Endosulfa...	6.713	7.264	1220.0E6	275.8E6	57.292	57.093
20)	A Methoxychlor	6.968	7.589	569.5E6	134.2E6	54.968	57.377
21)	B Endrin ke...	7.204	7.735	1306.0E6	299.3E6	53.020	58.151
22)	Mirex	7.394	8.188	938.9E6	196.1E6	66.203	58.182
23)	Chlordane-1	4.351f	0.000	17733280	0	25.465	N.D. #
24)	Chlordane-2	0.000	5.485	0	377.8E6	N.D.	1812.102 #
25)	Chlordane-3	5.444	6.106f	1500.2E6	345.6E6	644.084	453.609 #
26)	Chlordane-4	5.503	6.179f	1450.3E6	336.4E6	730.531	378.736 #
27)	Chlordane-5	6.331	7.040f	1321.7E6	242.6E6	1595.784	1423.621

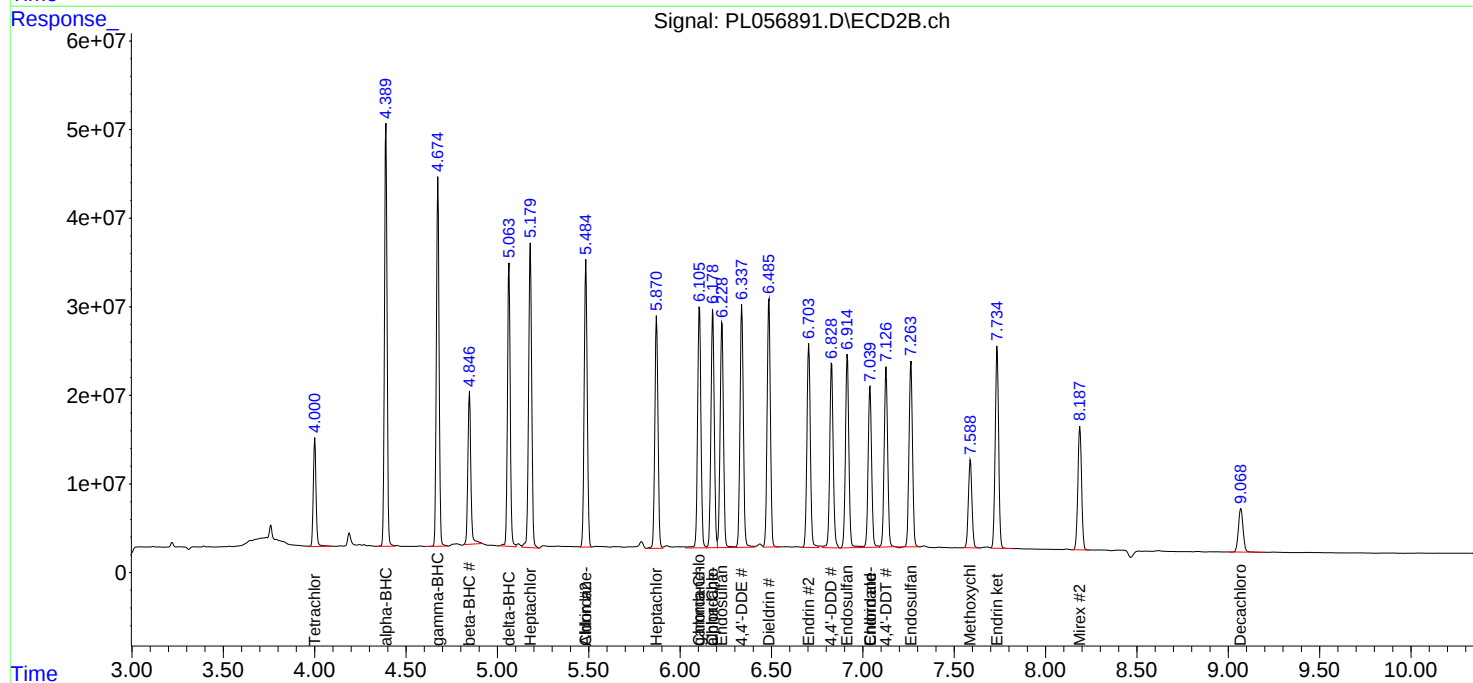
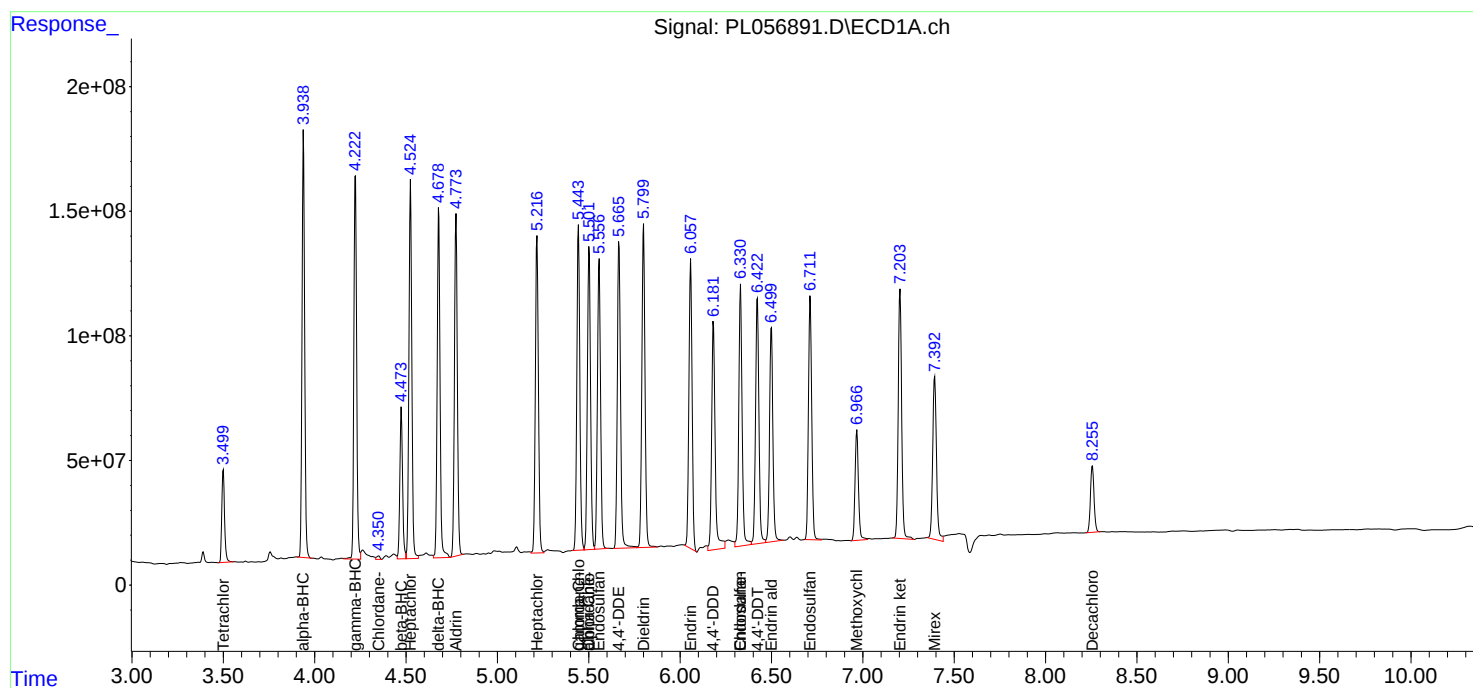
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

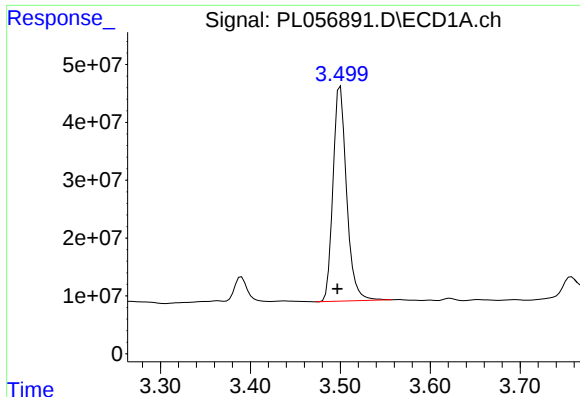
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022820\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

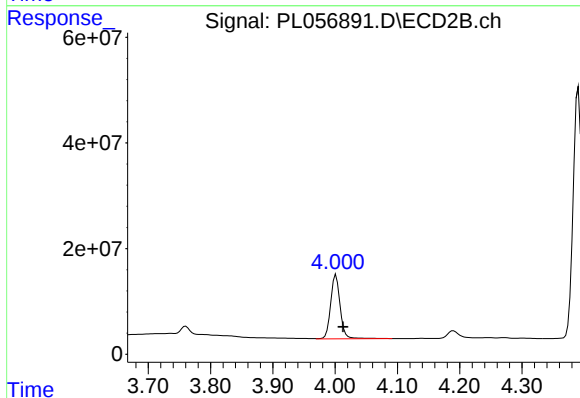




#1 Tetrachloro-m-xylene

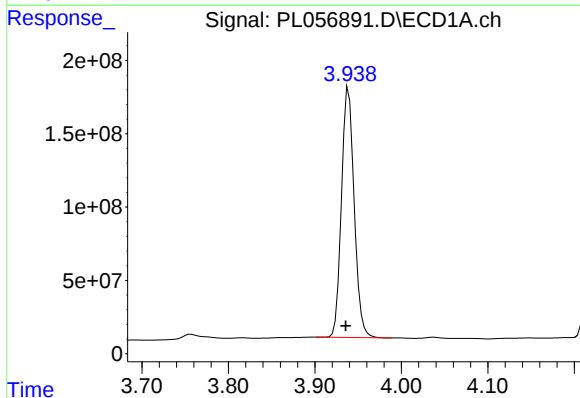
R.T.: 3.500 min
Delta R.T.: 0.003 min
Response: 390112215
Conc: 21.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



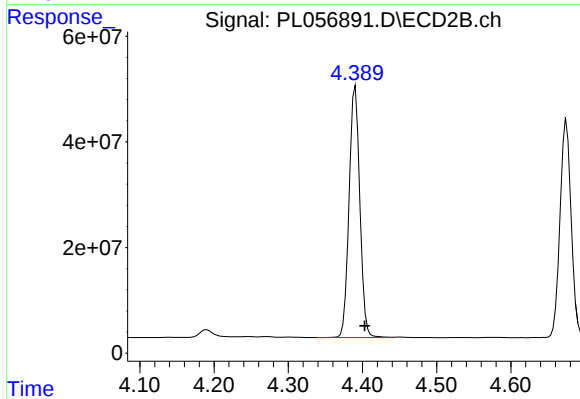
#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.012 min
Response: 128160892
Conc: 23.92 ng/ml



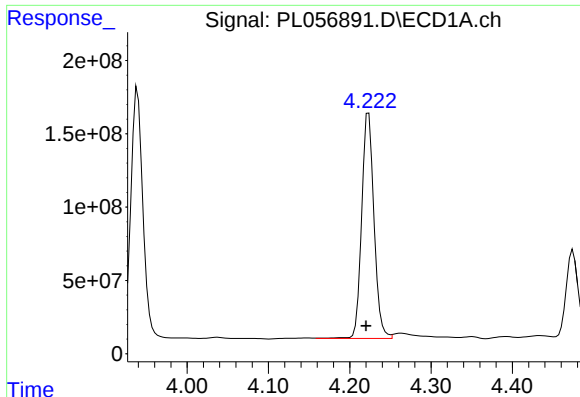
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.003 min
Response: 1724714785
Conc: 56.66 ng/ml



#2 alpha-BHC

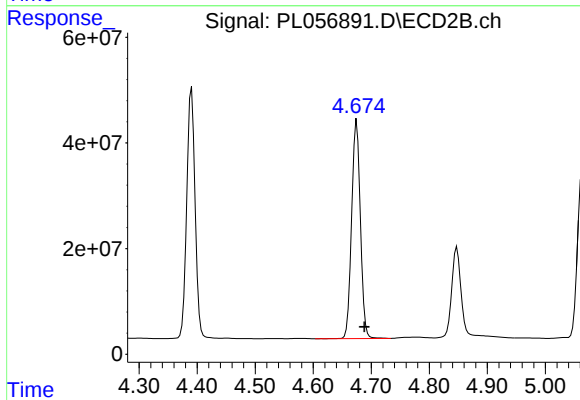
R.T.: 4.390 min
Delta R.T.: -0.013 min
Response: 478231423
Conc: 58.04 ng/ml



#3 gamma-BHC (Lindane)

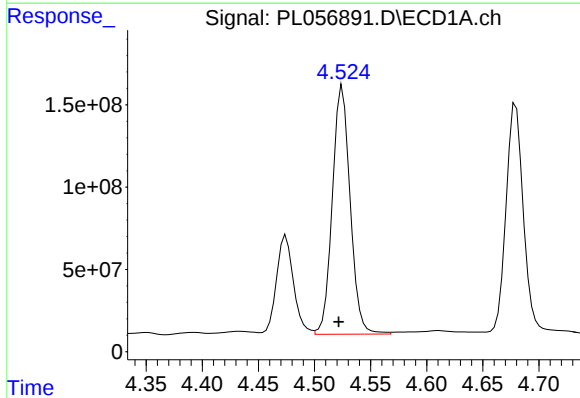
R.T.: 4.223 min
Delta R.T.: 0.003 min
Response: 1619803076
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



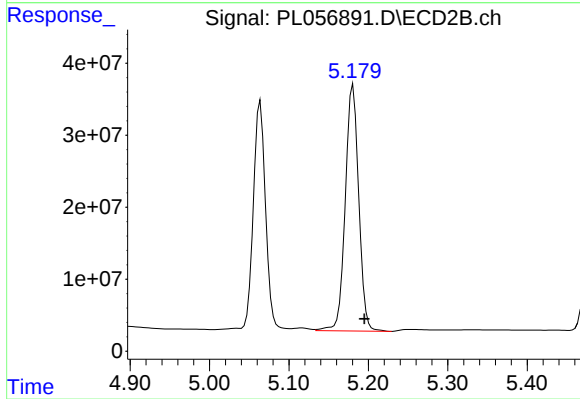
#3 gamma-BHC (Lindane)

R.T.: 4.675 min
Delta R.T.: -0.013 min
Response: 430533297
Conc: 56.15 ng/ml



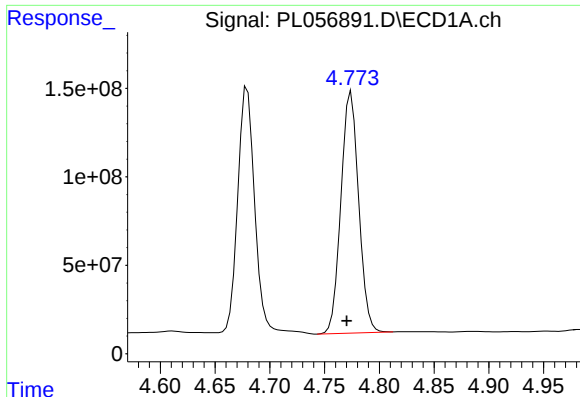
#4 Heptachlor

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 1673000894
Conc: 59.51 ng/ml



#4 Heptachlor

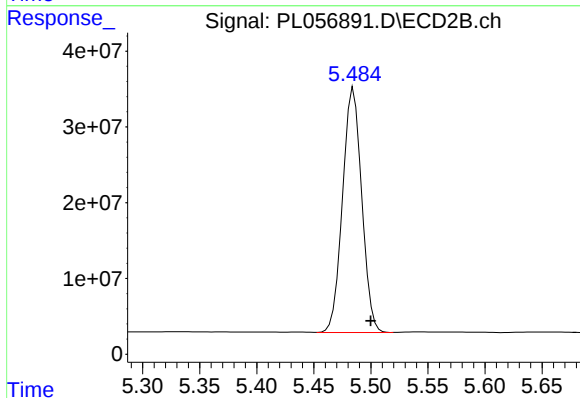
R.T.: 5.181 min
Delta R.T.: -0.014 min
Response: 403599716
Conc: 62.75 ng/ml



#5 Aldrin

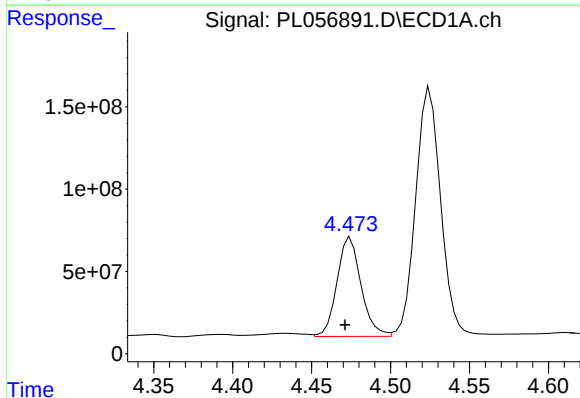
R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 1537629090
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



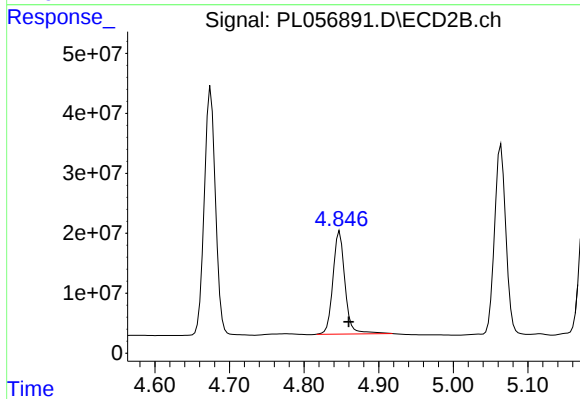
#5 Aldrin

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 377813902
Conc: 56.88 ng/ml



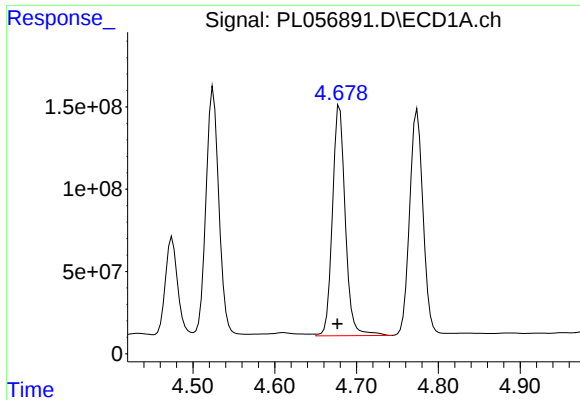
#6 beta-BHC

R.T.: 4.475 min
Delta R.T.: 0.003 min
Response: 638834054
Conc: 56.62 ng/ml



#6 beta-BHC

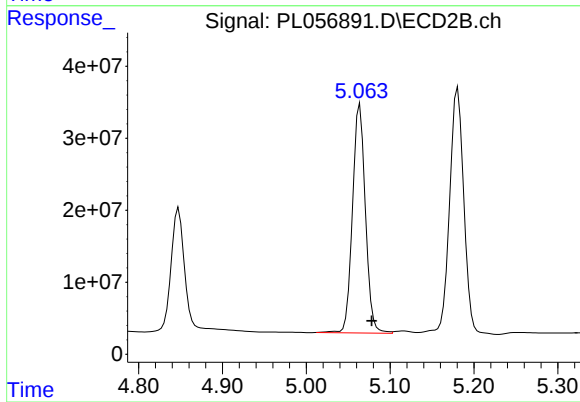
R.T.: 4.848 min
Delta R.T.: -0.012 min
Response: 193608308
Conc: 58.04 ng/ml



#7 delta-BHC

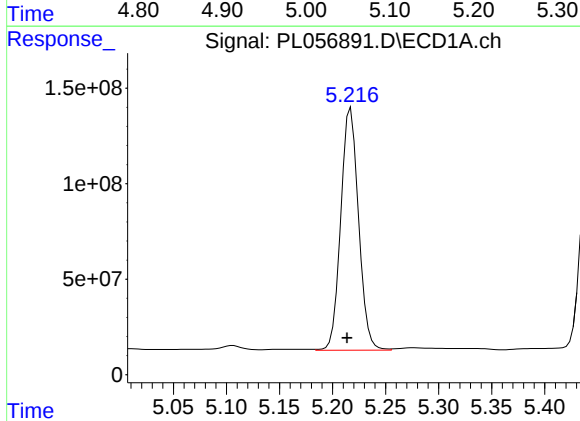
R.T.: 4.679 min
Delta R.T.: 0.003 min
Response: 1534559872
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



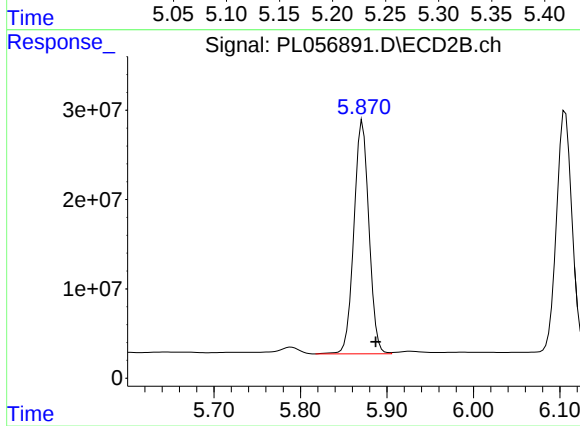
#7 delta-BHC

R.T.: 5.064 min
Delta R.T.: -0.014 min
Response: 341846737
Conc: 54.16 ng/ml



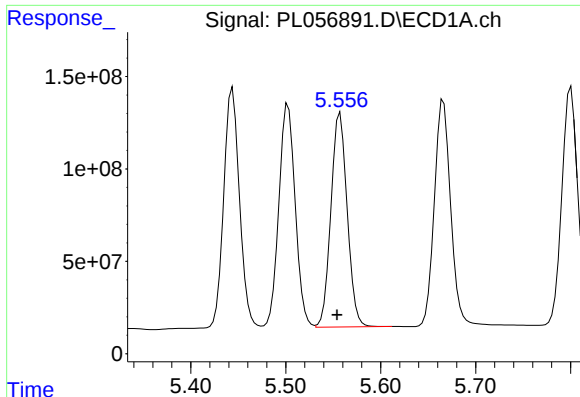
#8 Heptachlor epoxide

R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 1474414089
Conc: 55.81 ng/ml



#8 Heptachlor epoxide

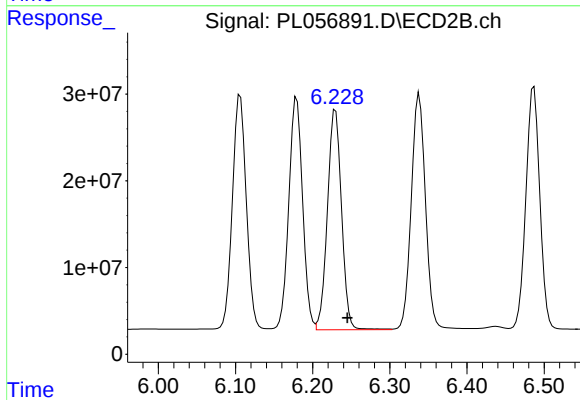
R.T.: 5.872 min
Delta R.T.: -0.015 min
Response: 314463177
Conc: 52.72 ng/ml



#9 Endosulfan I

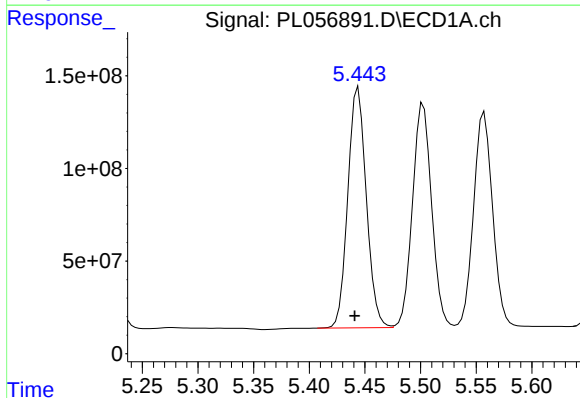
R.T.: 5.557 min
Delta R.T.: 0.003 min
Response: 1378418552
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



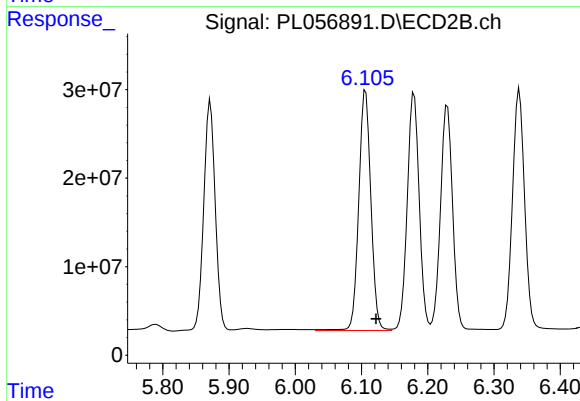
#9 Endosulfan I

R.T.: 6.230 min
Delta R.T.: -0.015 min
Response: 324221731
Conc: 57.78 ng/ml



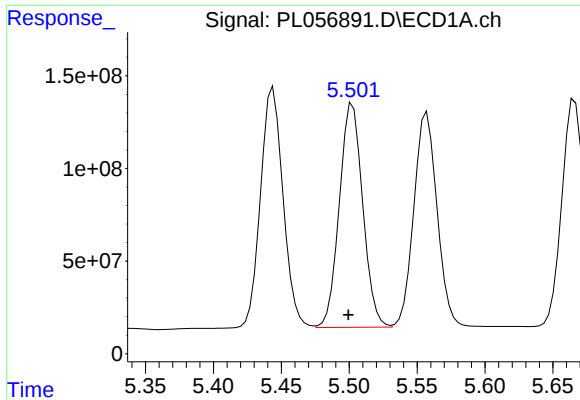
#10 gamma-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.003 min
Response: 1500165243
Conc: 54.91 ng/ml



#10 gamma-Chlordane

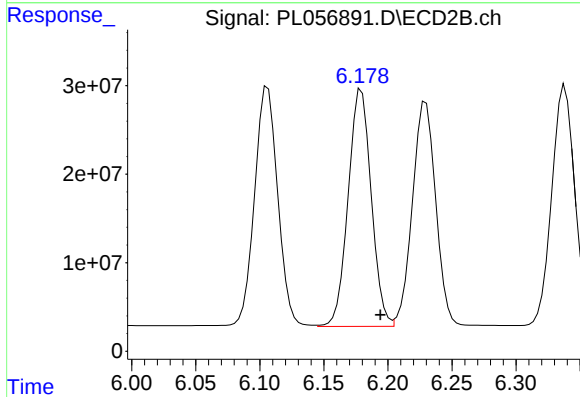
R.T.: 6.106 min
Delta R.T.: -0.016 min
Response: 345616736
Conc: 57.66 ng/ml



#11 alpha-Chlordane

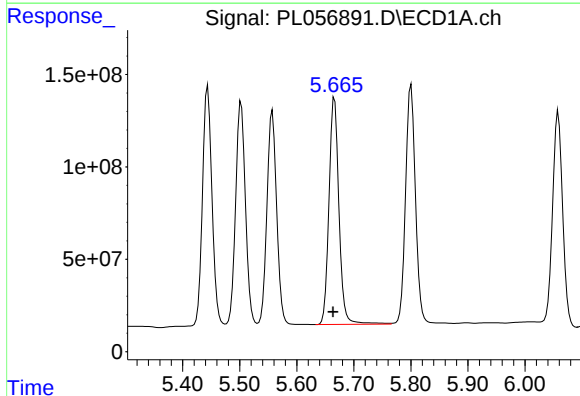
R.T.: 5.503 min
Delta R.T.: 0.003 min
Response: 1450278668
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



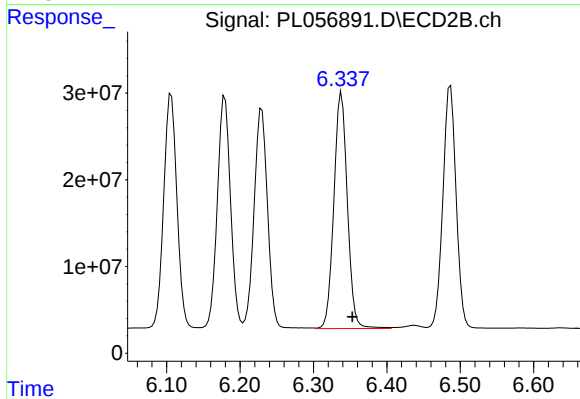
#11 alpha-Chlordane

R.T.: 6.179 min
Delta R.T.: -0.015 min
Response: 336436925
Conc: 56.55 ng/ml



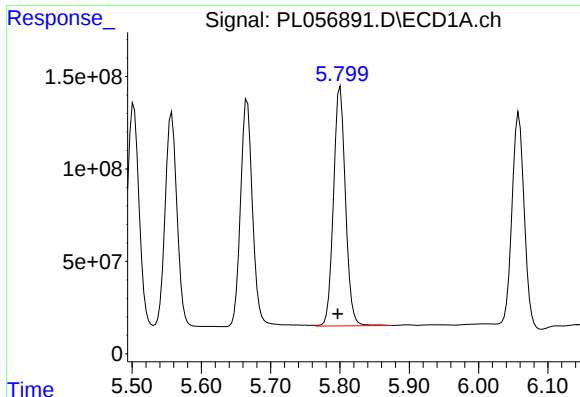
#12 4,4'-DDE

R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 1493172735
Conc: 58.02 ng/ml



#12 4,4'-DDE

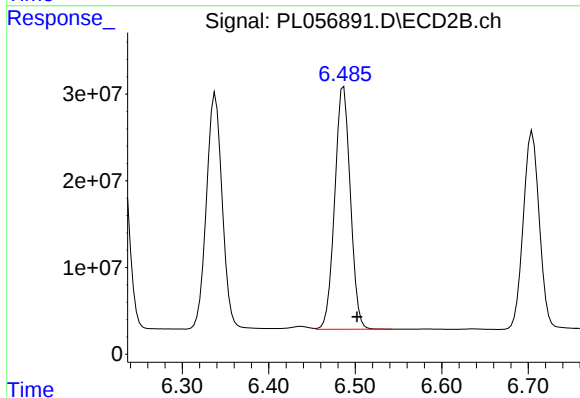
R.T.: 6.338 min
Delta R.T.: -0.015 min
Response: 348726808
Conc: 59.90 ng/ml



#13 Dieldrin

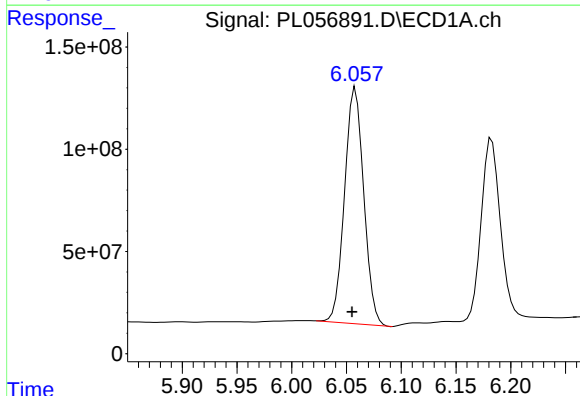
R.T.: 5.801 min
Delta R.T.: 0.004 min
Response: 1556089824
Conc: 57.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



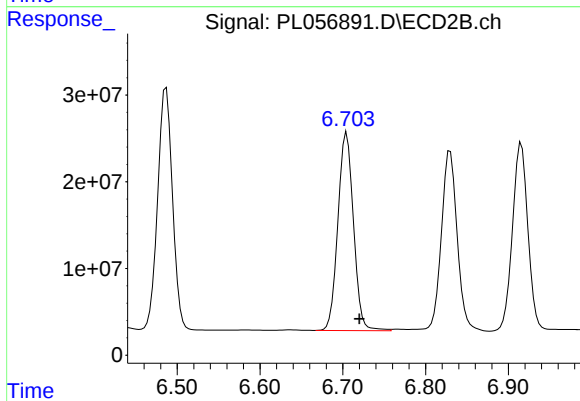
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: -0.015 min
Response: 349829079
Conc: 58.77 ng/ml



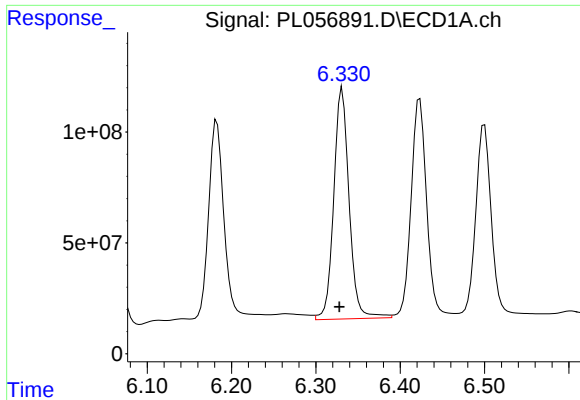
#14 Endrin

R.T.: 6.058 min
Delta R.T.: 0.003 min
Response: 1409524228
Conc: 57.86 ng/ml



#14 Endrin

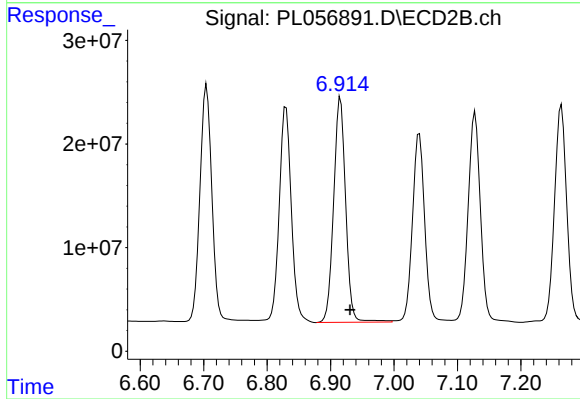
R.T.: 6.705 min
Delta R.T.: -0.015 min
Response: 299583842
Conc: 58.34 ng/ml



#15 Endosulfan II

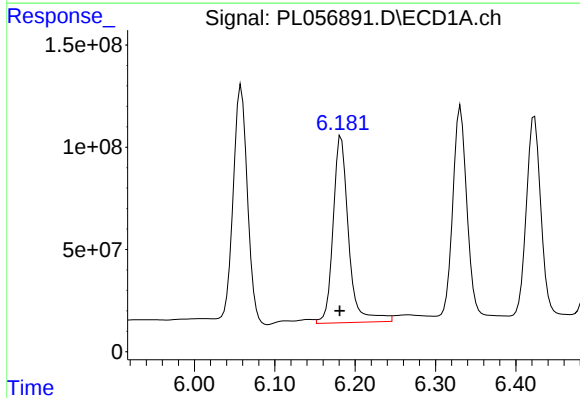
R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 1321702886
Conc: 61.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



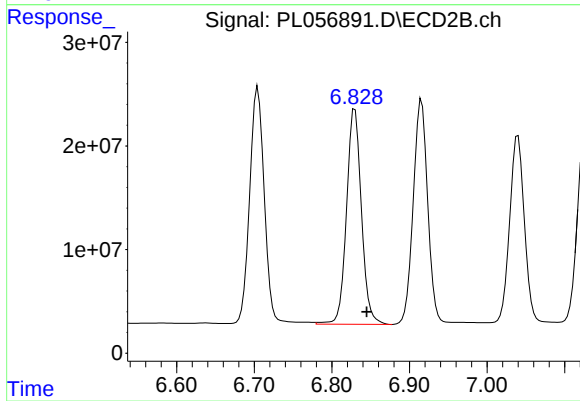
#15 Endosulfan II

R.T.: 6.916 min
Delta R.T.: -0.015 min
Response: 285962104
Conc: 53.58 ng/ml



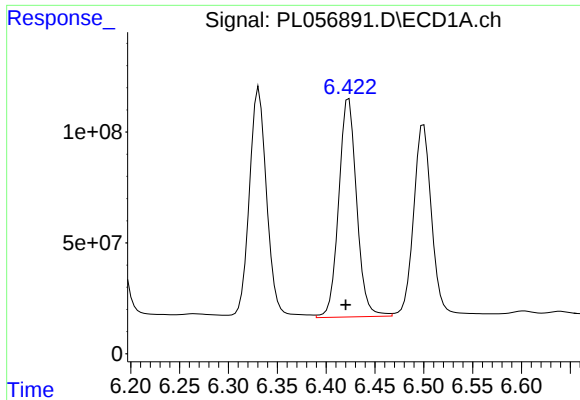
#16 4,4'-DDD

R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 1226276542
Conc: 62.31 ng/ml



#16 4,4'-DDD

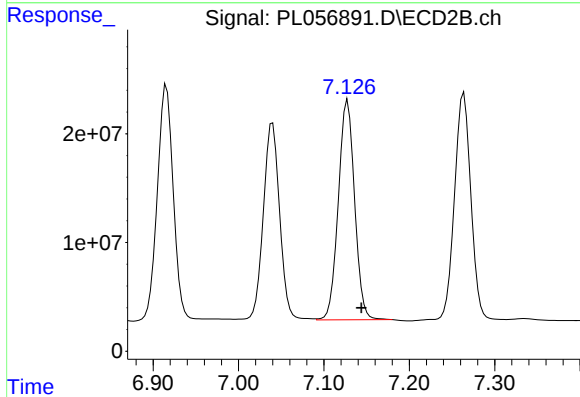
R.T.: 6.830 min
Delta R.T.: -0.015 min
Response: 277771178
Conc: 57.74 ng/ml



#17 4,4'-DDT

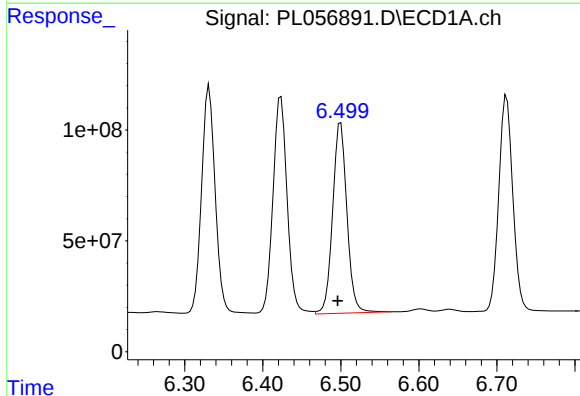
R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 1260965874
Conc: 62.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



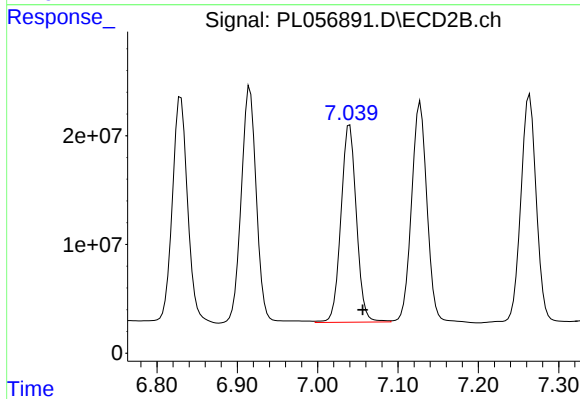
#17 4,4'-DDT

R.T.: 7.128 min
Delta R.T.: -0.016 min
Response: 268047524
Conc: 58.72 ng/ml



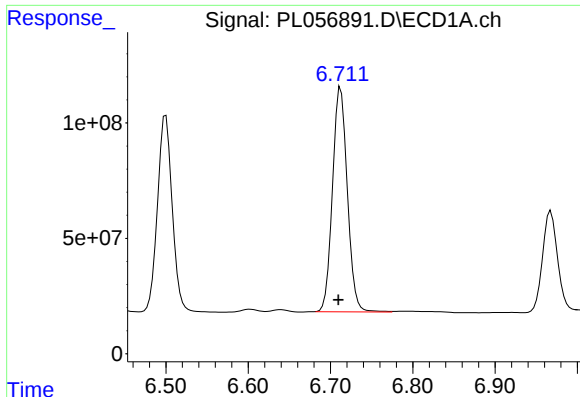
#18 Endrin aldehyde

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 1093965391
Conc: 55.29 ng/ml



#18 Endrin aldehyde

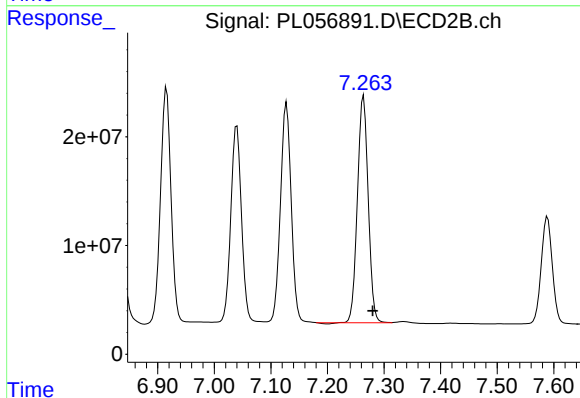
R.T.: 7.040 min
Delta R.T.: -0.016 min
Response: 242581000
Conc: 55.00 ng/ml



#19 Endosulfan Sulfate

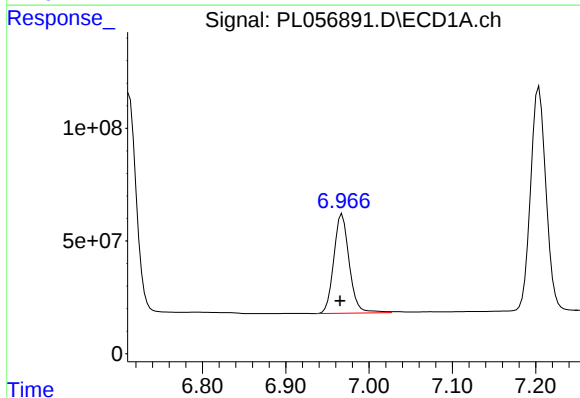
R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 1220043944
Conc: 57.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



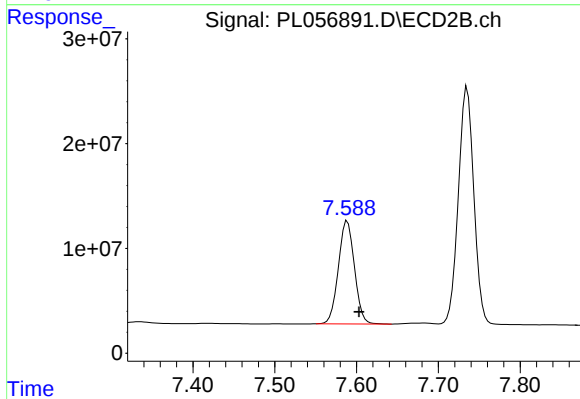
#19 Endosulfan Sulfate

R.T.: 7.264 min
Delta R.T.: -0.016 min
Response: 275821685
Conc: 57.09 ng/ml



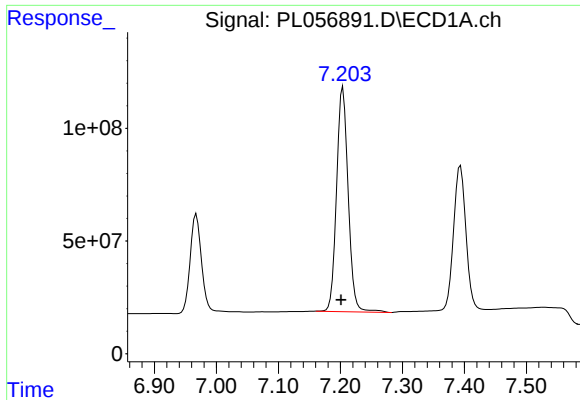
#20 Methoxychlor

R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 569453818
Conc: 54.97 ng/ml



#20 Methoxychlor

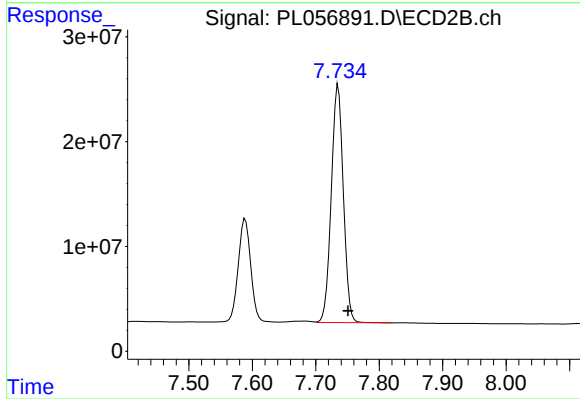
R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 134196953
Conc: 57.38 ng/ml



#21 Endrin ketone

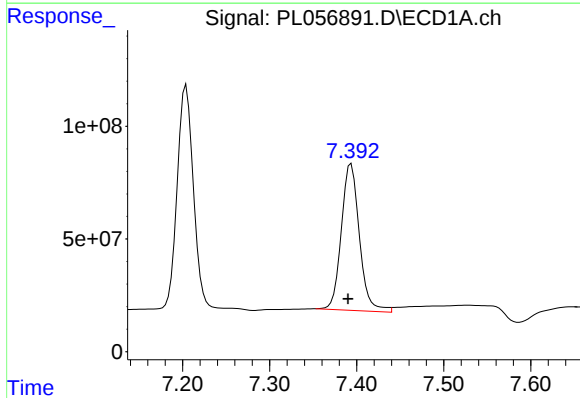
R.T.: 7.204 min
Delta R.T.: 0.003 min
Response: 1306024807
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



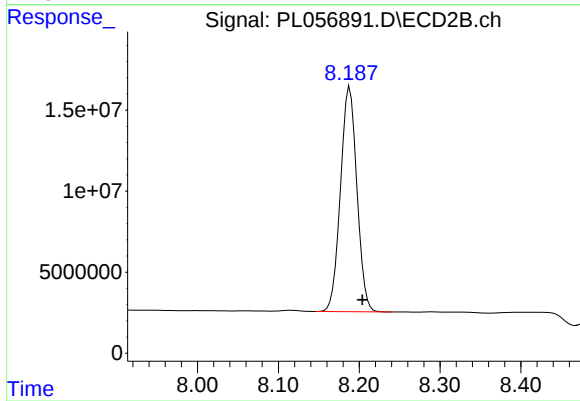
#21 Endrin ketone

R.T.: 7.735 min
Delta R.T.: -0.016 min
Response: 299324275
Conc: 58.15 ng/ml



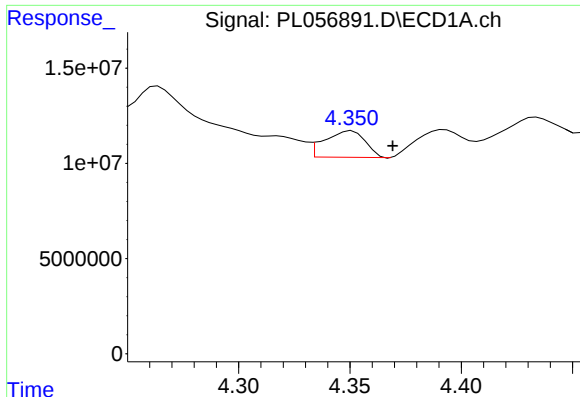
#22 Mirex

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 938869648
Conc: 66.20 ng/ml



#22 Mirex

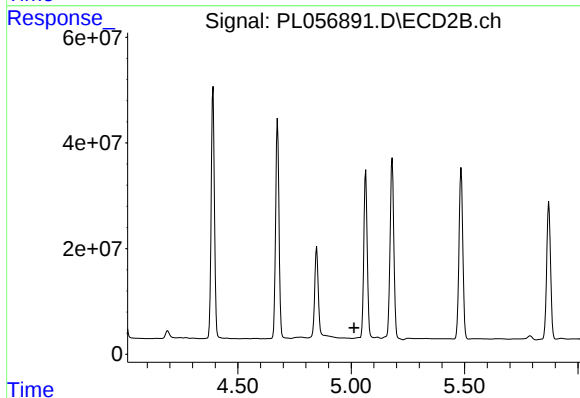
R.T.: 8.188 min
Delta R.T.: -0.016 min
Response: 196100623
Conc: 58.18 ng/ml



#23 Chlordane-1

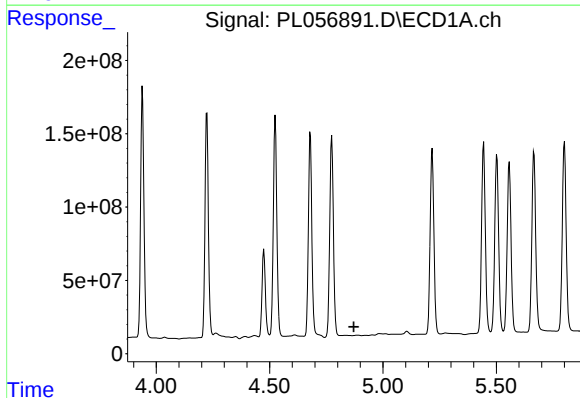
R.T.: 4.351 min
Delta R.T.: -0.018 min
Response: 17733280
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



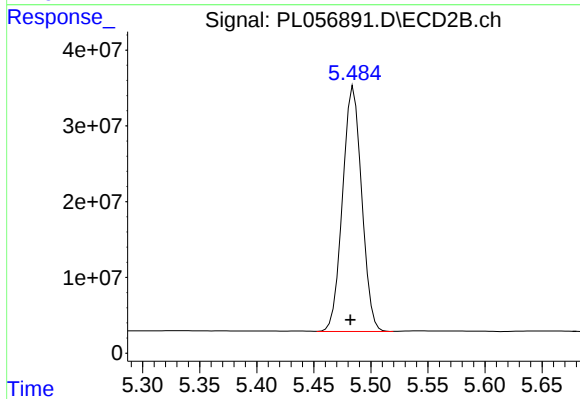
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



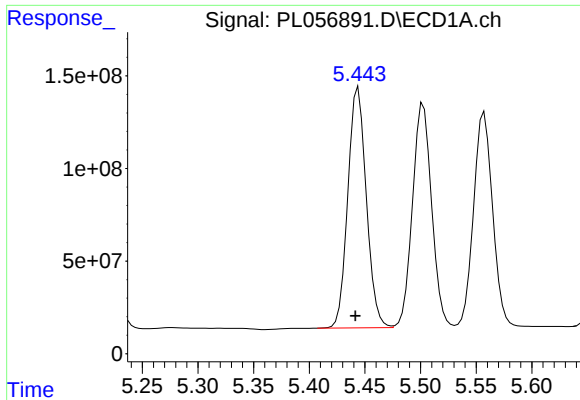
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



#24 Chlordane-2

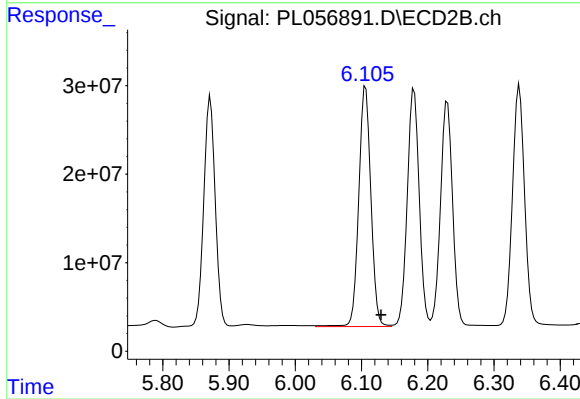
R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 377813902
Conc: 1812.10 ng/ml



#25 Chlordane-3

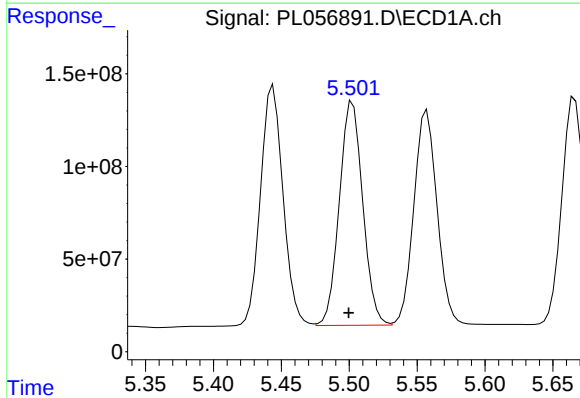
R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 1500165243
Conc: 644.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



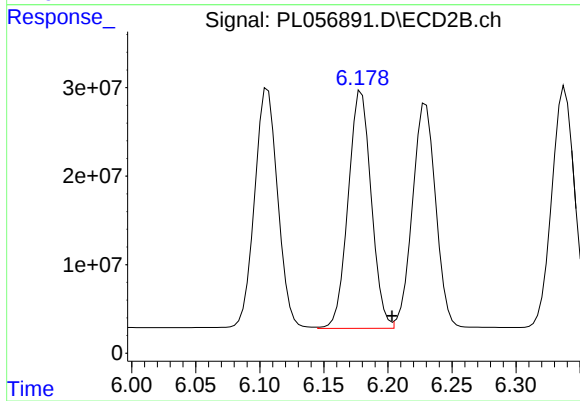
#25 Chlordane-3

R.T.: 6.106 min
Delta R.T.: -0.023 min
Response: 345616736
Conc: 453.61 ng/ml



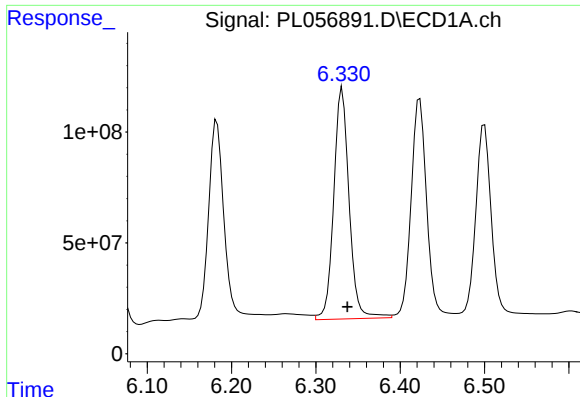
#26 Chlordane-4

R.T.: 5.503 min
Delta R.T.: 0.003 min
Response: 1450278668
Conc: 730.53 ng/ml



#26 Chlordane-4

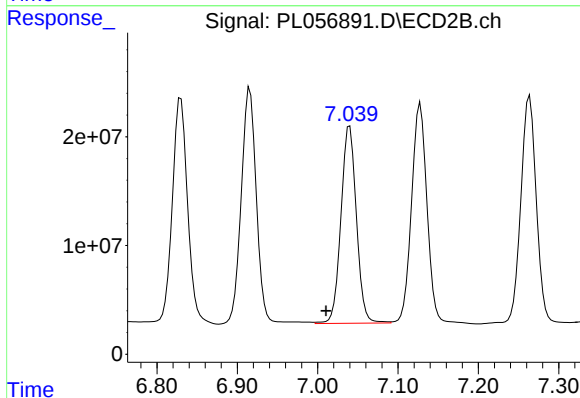
R.T.: 6.179 min
Delta R.T.: -0.024 min
Response: 336436925
Conc: 378.74 ng/ml



#27 Chlordane-5

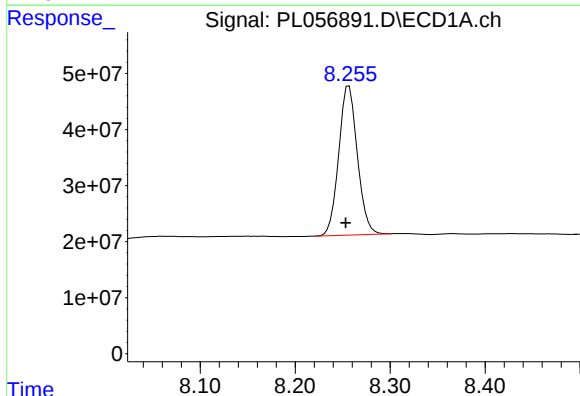
R.T.: 6.331 min
Delta R.T.: -0.006 min
Response: 1321702886
Conc: 1595.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



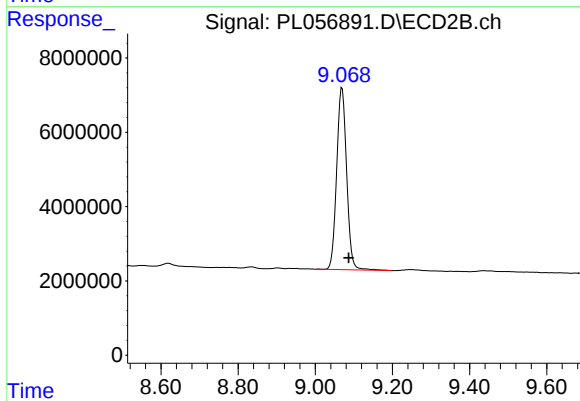
#27 Chlordane-5

R.T.: 7.040 min
Delta R.T.: 0.029 min
Response: 242581000
Conc: 1423.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.003 min
Response: 363266601
Conc: 18.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.018 min
Response: 88020648
Conc: 20.80 ng/ml