

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042021\
 Data File : PL066361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2021 17:18
 Operator : AR\AJ
 Sample : M2070-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 08:17:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041421.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 14 15:37:20 2021
 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...	3.444	4.154	56025643	97189478	22.012	24.161
28)	SA Decachlor...	8.166	9.352	53730127	72481759	22.526	22.193
Target Compounds							
2)	A alpha-BHC	3.879	4.559	237.6E6	368.7E6	57.741	63.500
3)	MA gamma-BHC...	4.159	4.852	228.1E6	335.9E6	58.530	63.098
4)	MA Heptachlor	4.458	5.368	233.1E6	331.1E6	56.206	59.496
5)	MB Aldrin	4.702	5.680	227.8E6	303.8E6	58.170	60.896
6)	B beta-BHC	4.407	5.027	101.4E6	153.9E6	57.557	62.604
7)	B delta-BHC	4.607	5.251	234.7E6	314.1E6	56.887	61.077
8)	B Heptachlo...	5.141	6.074	219.9E6	278.6E6	59.357	60.317
9)	A Endosulfan I	5.475	6.439	156.0E6	185.8E6	43.560	44.391
10)	B gamma-Chl...	5.366	6.311	227.3E6	280.1E6	61.381	61.369
11)	B alpha-Chl...	5.424	6.384	222.0E6	272.9E6	59.926	60.370
12)	B 4,4'-DDE	5.589	6.540	216.7E6	258.2E6	58.107	62.373
13)	MA Dieldrin	5.716	6.700	235.4E6	264.4E6	58.102	63.284
14)	MA Endrin	5.970	6.923	196.1E6	190.4E6	56.244	58.914
15)	B Endosulfa...	6.240	7.136	134.3E6	143.0E6	40.915	41.012
16)	A 4,4'-DDD	6.100	7.039	243.5E6	199.5E6	73.946	58.289
17)	MA 4,4'-DDT	6.339	7.340	171.0E6	171.6E6	53.640	50.575
18)	B Endrin al...	6.407	7.262	167.0E6	184.9E6	64.789	66.099
19)	B Endosulfa...	6.619	7.486	204.0E6	218.2E6	59.350	61.760
20)	A Methoxychlor	6.884	7.800	88574048	91116461	48.922	50.850
21)	B Endrin ke...	7.105	7.967	223.6E6	231.0E6	60.807	62.795
22)	Mirex	7.293	8.422	156.2E6	163.9E6	54.615	57.893
23)	Chlordane-1	4.308	0.000	4525068	0	39.582	N.D. #
24)	Chlordane-2	4.834f	5.680f	4957043	303.8E6	37.267	1726.680 #
25)	Chlordane-3	5.366	6.311	227.3E6	280.1E6	625.313	425.964 #
26)	Chlordane-4	5.424	6.384	222.0E6	272.9E6	703.462	347.364 #
27)	Chlordane-5	6.240	0.000	134.3E6	0	950.860	N.D. #

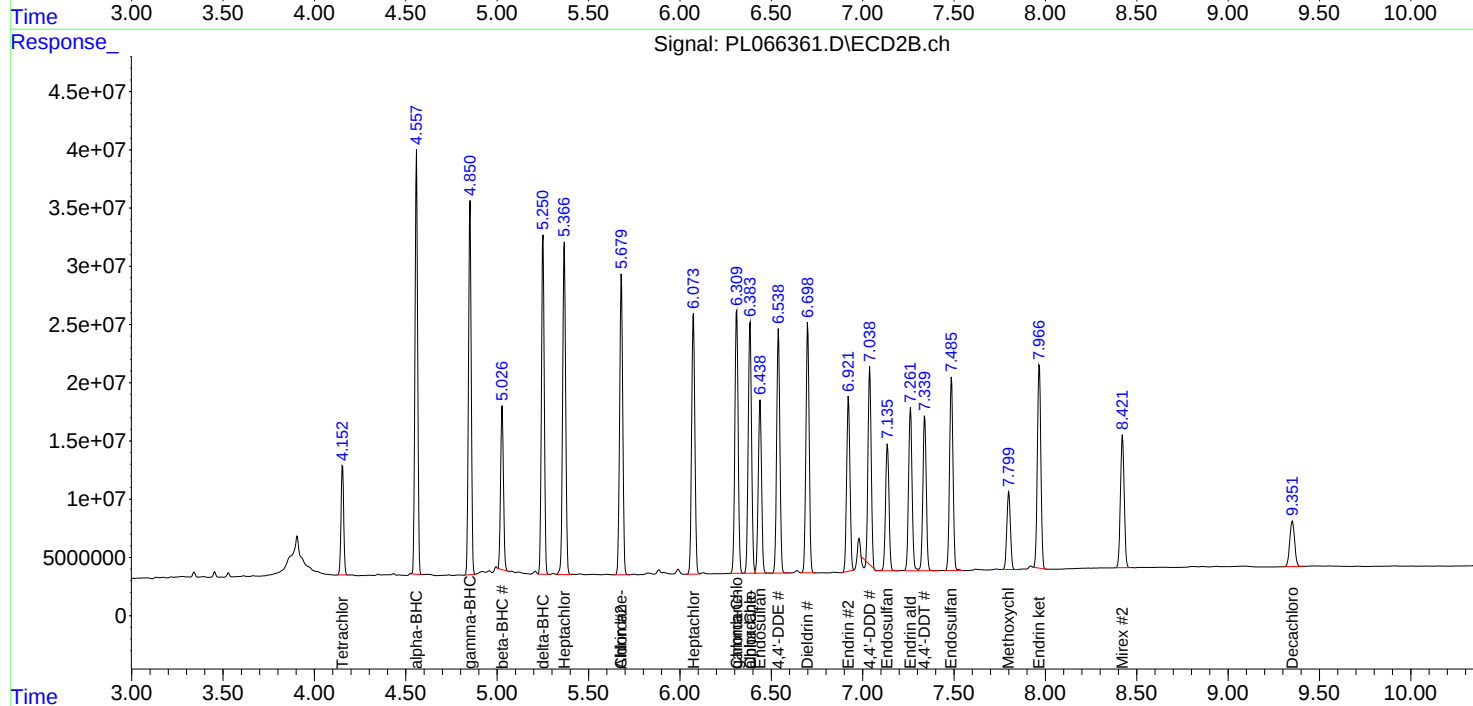
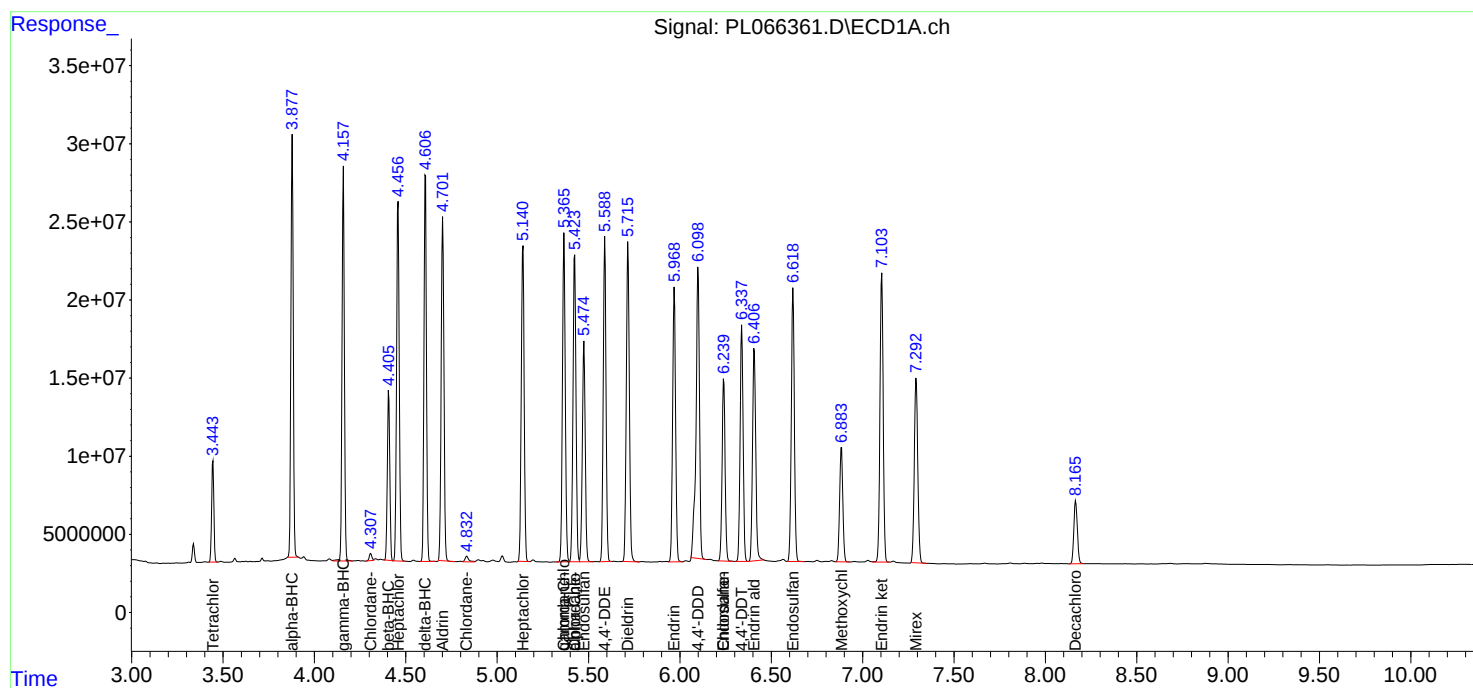
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

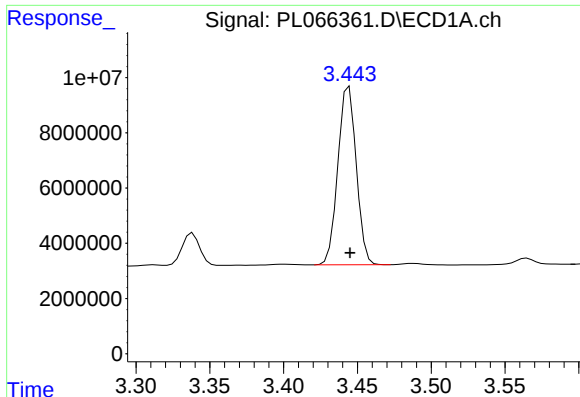
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042021\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

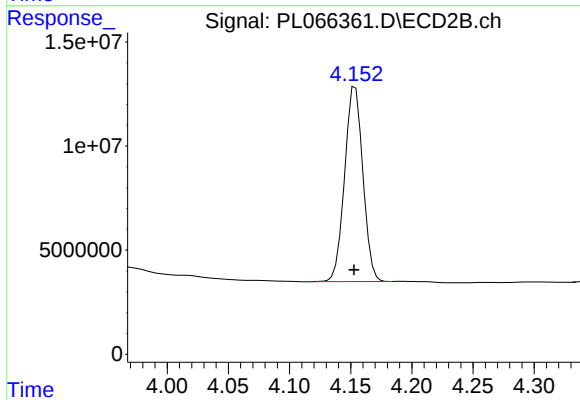




#1 Tetrachloro-m-xylene

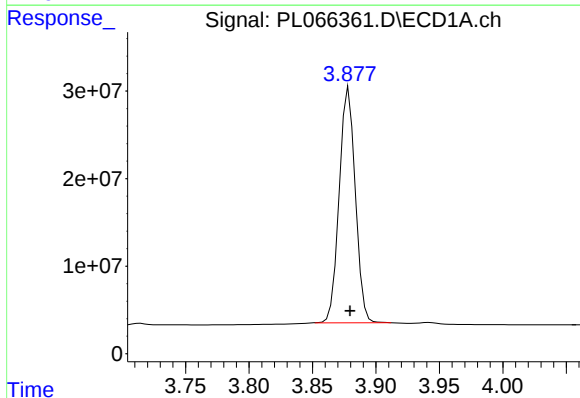
R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 56025643
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



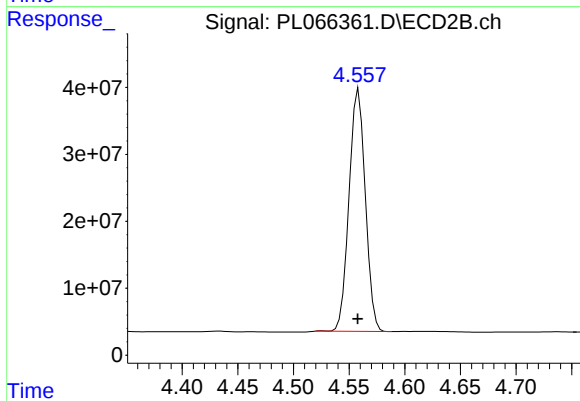
#1 Tetrachloro-m-xylene

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 97189478
Conc: 24.16 ng/ml



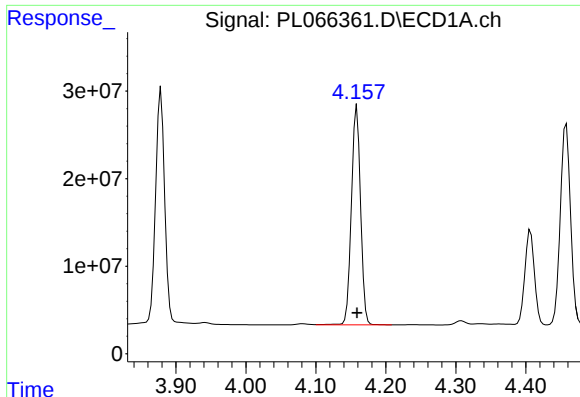
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 237591628
Conc: 57.74 ng/ml



#2 alpha-BHC

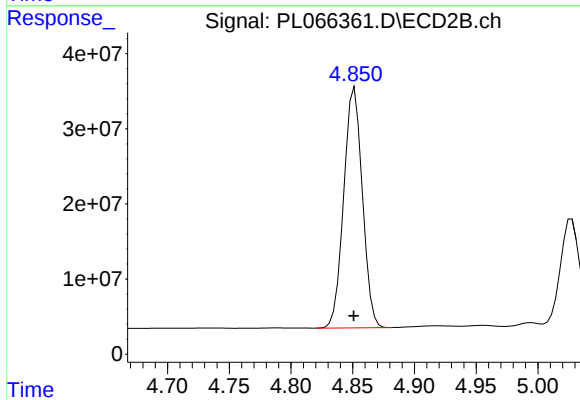
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 368734637
Conc: 63.50 ng/ml



#3 gamma-BHC (Lindane)

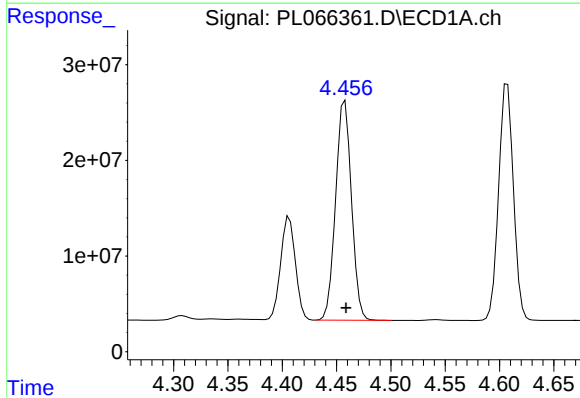
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 228082748
Conc: 58.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



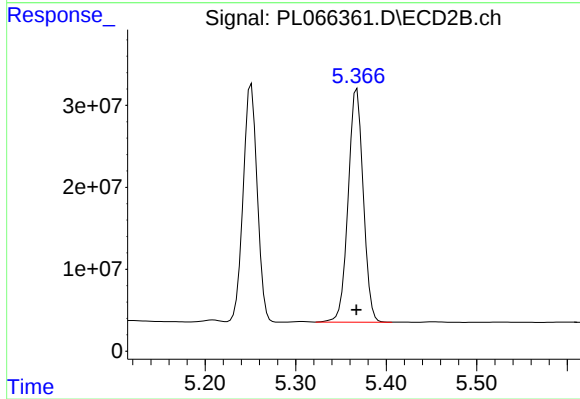
#3 gamma-BHC (Lindane)

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 335920689
Conc: 63.10 ng/ml



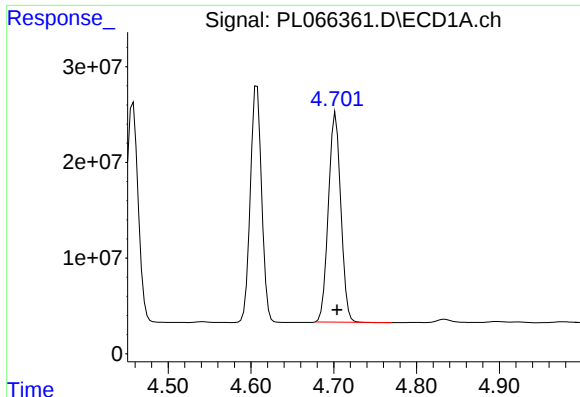
#4 Heptachlor

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 233132736
Conc: 56.21 ng/ml



#4 Heptachlor

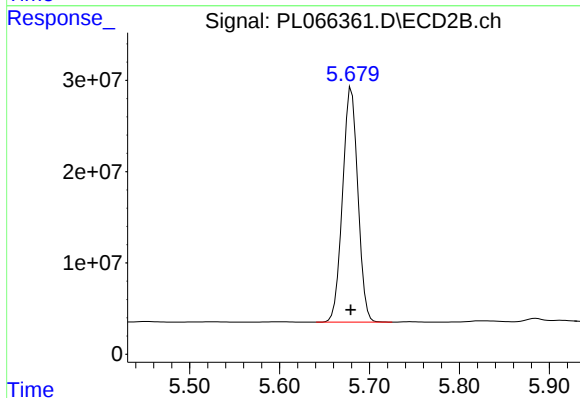
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 331148667
Conc: 59.50 ng/ml



#5 Aldrin

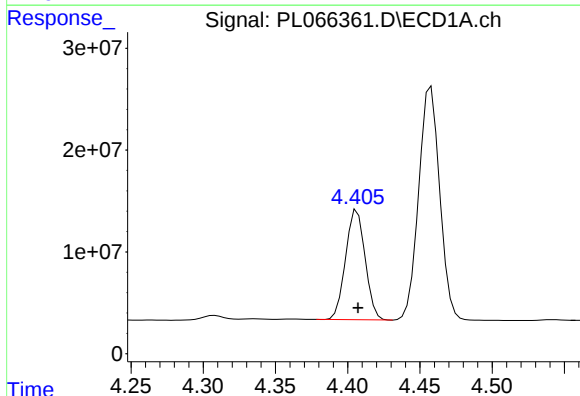
R.T.: 4.702 min
Delta R.T.: -0.001 min
Response: 227809057
Conc: 58.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



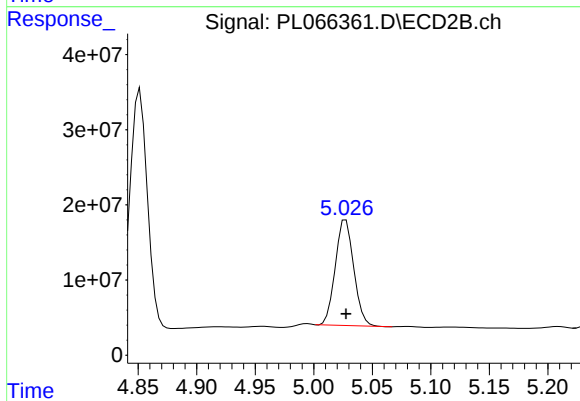
#5 Aldrin

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 303775527
Conc: 60.90 ng/ml



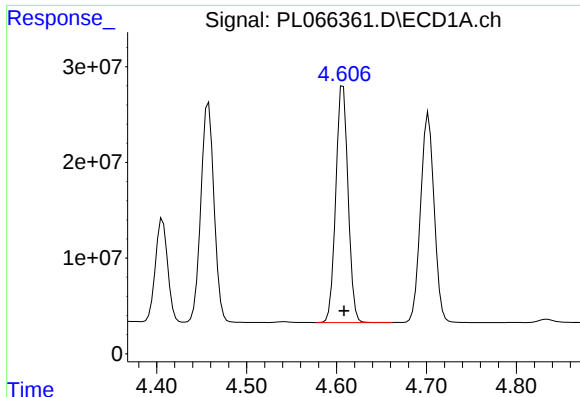
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 101432711
Conc: 57.56 ng/ml



#6 beta-BHC

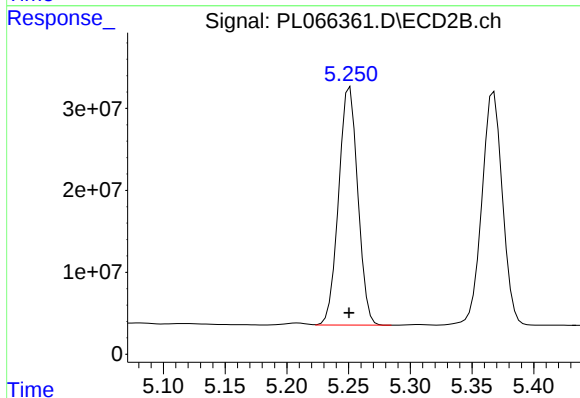
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 153901950
Conc: 62.60 ng/ml



#7 delta-BHC

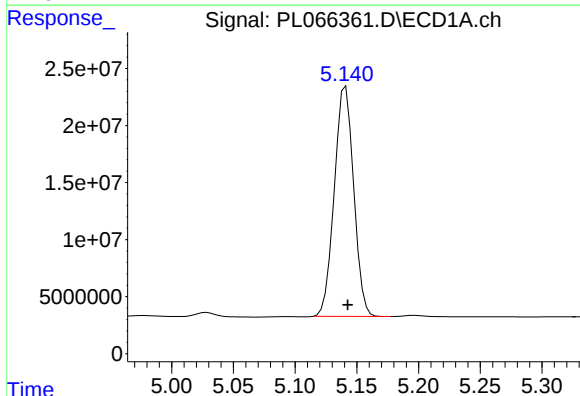
R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 234661319
Conc: 56.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



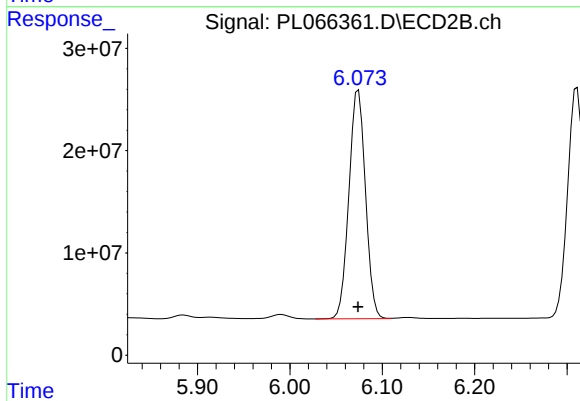
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 314071717
Conc: 61.08 ng/ml



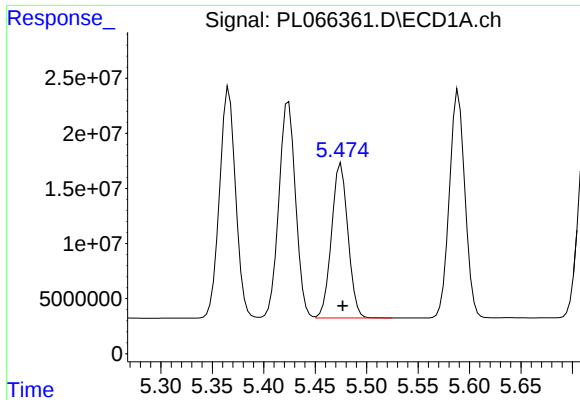
#8 Heptachlor epoxide

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 219943155
Conc: 59.36 ng/ml



#8 Heptachlor epoxide

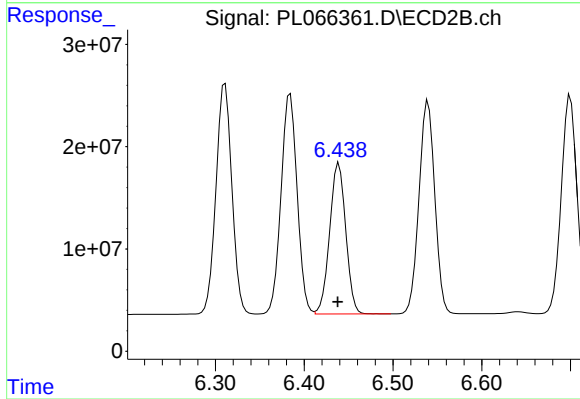
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 278598927
Conc: 60.32 ng/ml



#9 Endosulfan I

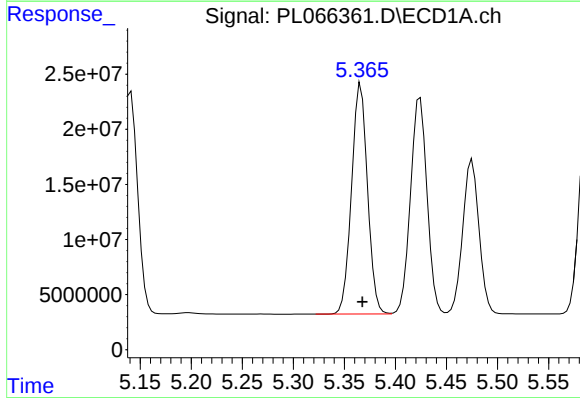
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 155966301
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



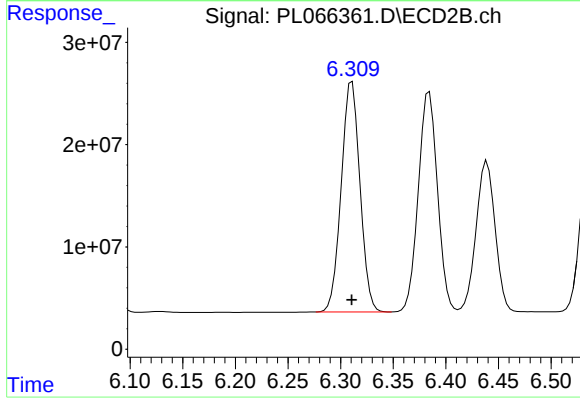
#9 Endosulfan I

R.T.: 6.439 min
Delta R.T.: 0.001 min
Response: 185754277
Conc: 44.39 ng/ml



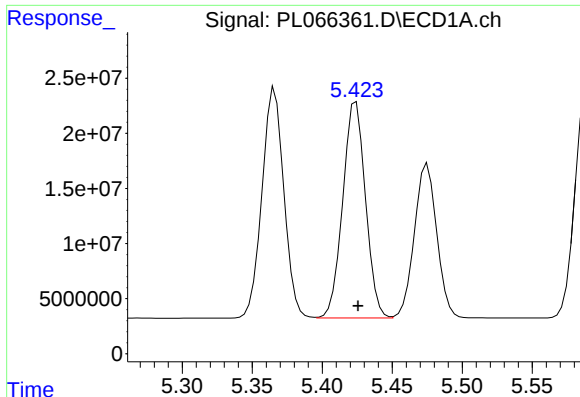
#10 gamma-Chlordane

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 227273890
Conc: 61.38 ng/ml



#10 gamma-Chlordane

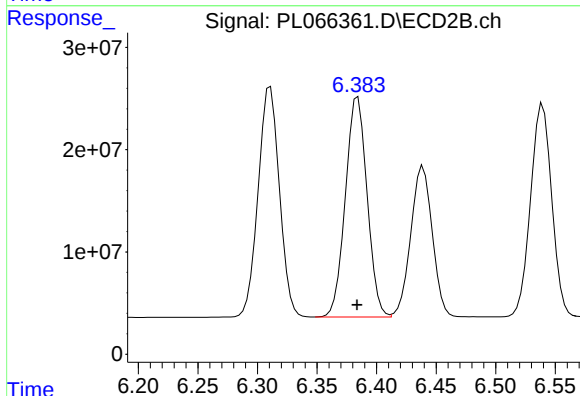
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 280083799
Conc: 61.37 ng/ml



#11 alpha-Chlordane

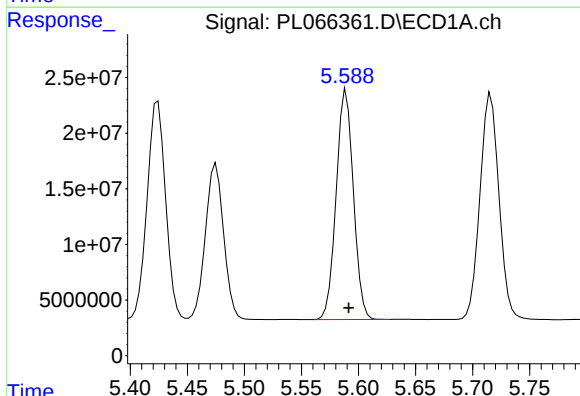
R.T.: 5.424 min
Delta R.T.: -0.002 min
Response: 221950771
Conc: 59.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



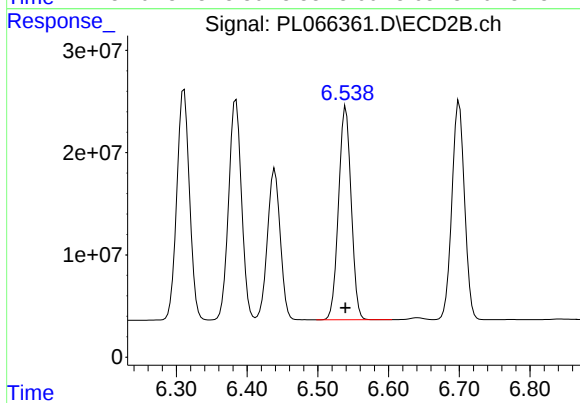
#11 alpha-Chlordane

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 272869449
Conc: 60.37 ng/ml



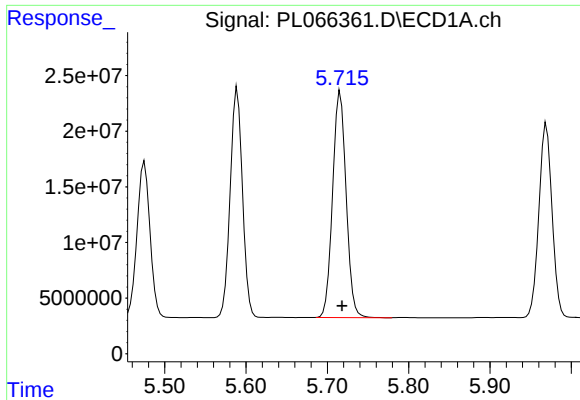
#12 4,4'-DDE

R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 216747486
Conc: 58.11 ng/ml



#12 4,4'-DDE

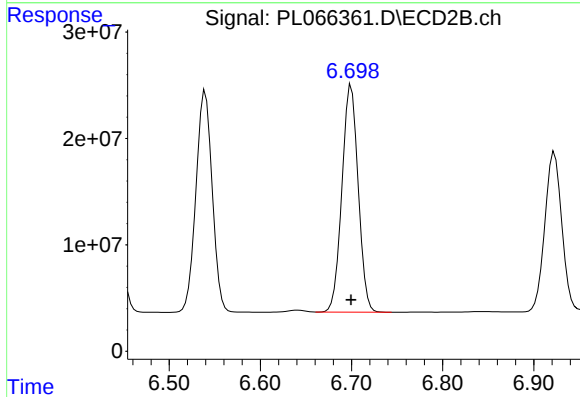
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 258168808
Conc: 62.37 ng/ml



#13 Dieldrin

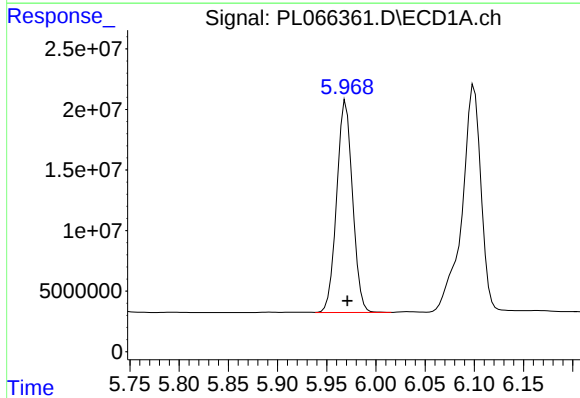
R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 235377465
Conc: 58.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



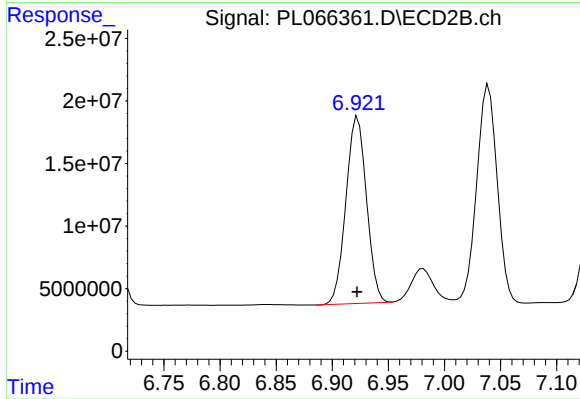
#13 Dieldrin

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 264417589
Conc: 63.28 ng/ml



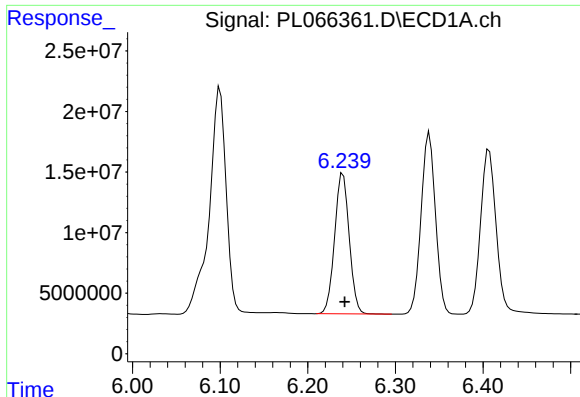
#14 Endrin

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 196108549
Conc: 56.24 ng/ml



#14 Endrin

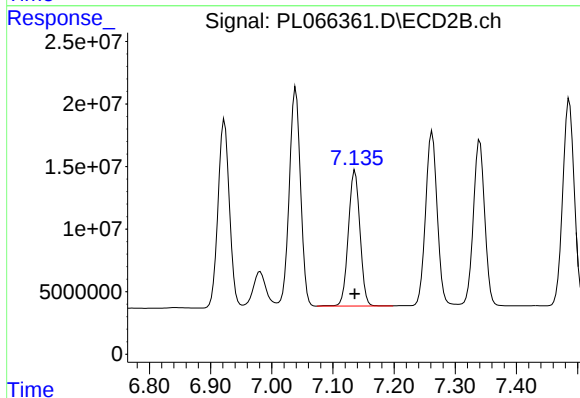
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 190382815
Conc: 58.91 ng/ml



#15 Endosulfan II

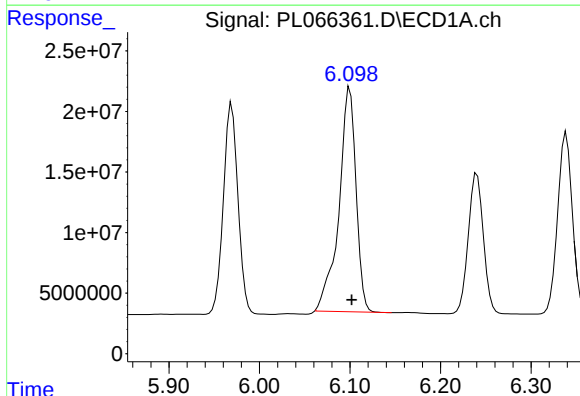
R.T.: 6.240 min
Delta R.T.: -0.002 min
Response: 134339092
Conc: 40.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



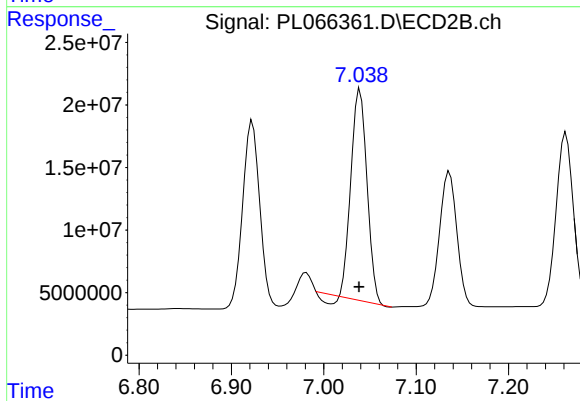
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 142967325
Conc: 41.01 ng/ml



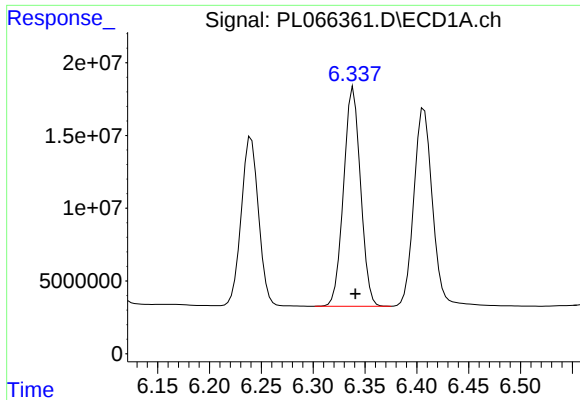
#16 4,4'-DDD

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 243504467
Conc: 73.95 ng/ml



#16 4,4'-DDD

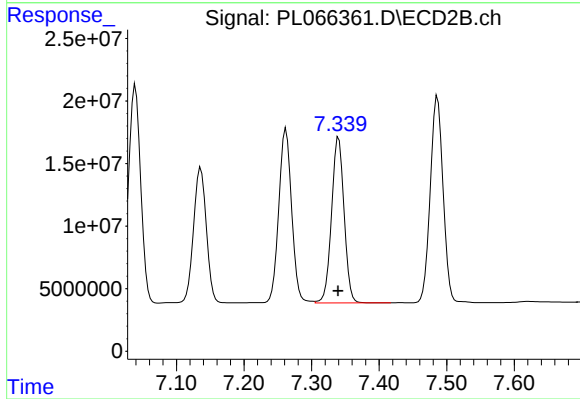
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 199477763
Conc: 58.29 ng/ml



#17 4,4'-DDT

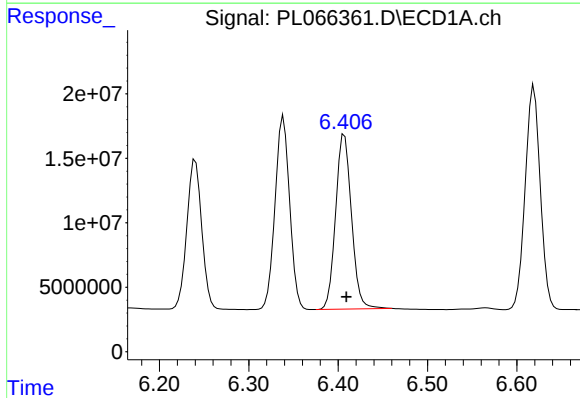
R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 170967181
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



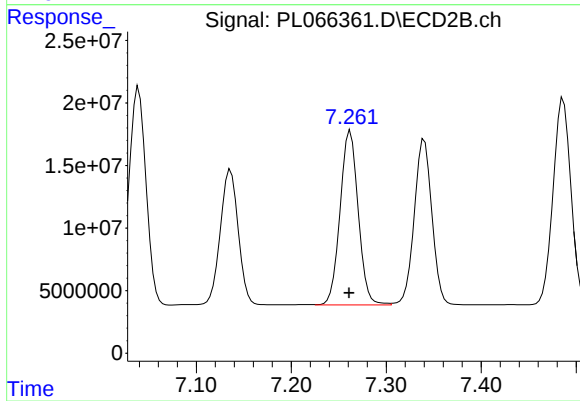
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 171568129
Conc: 50.57 ng/ml



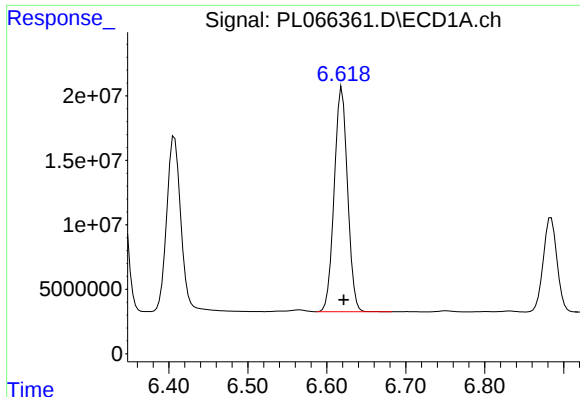
#18 Endrin aldehyde

R.T.: 6.407 min
Delta R.T.: -0.002 min
Response: 167032213
Conc: 64.79 ng/ml



#18 Endrin aldehyde

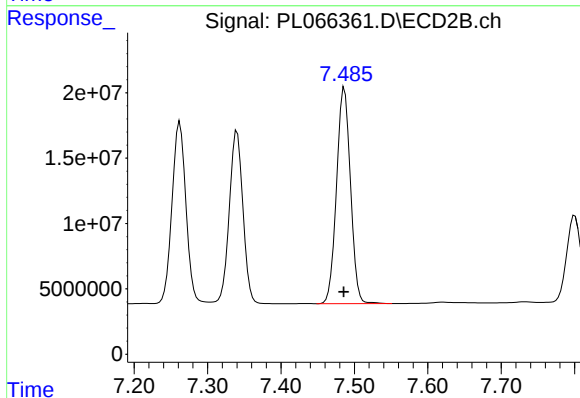
R.T.: 7.262 min
Delta R.T.: 0.001 min
Response: 184883626
Conc: 66.10 ng/ml



#19 Endosulfan Sulfate

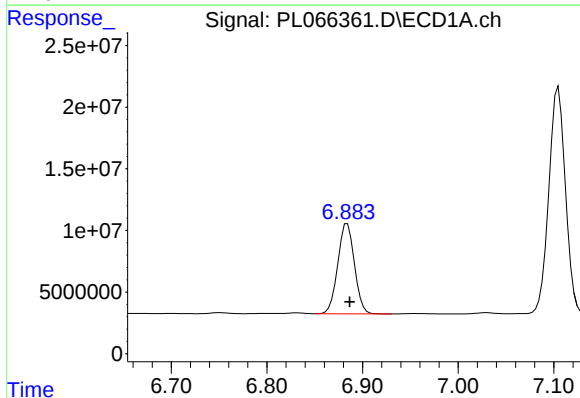
R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 204032487
Conc: 59.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



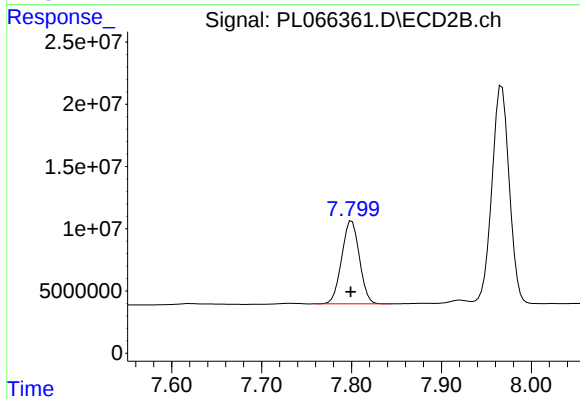
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 218187935
Conc: 61.76 ng/ml



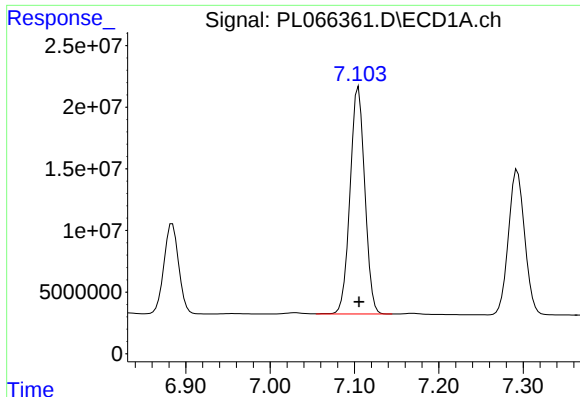
#20 Methoxychlor

R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 88574048
Conc: 48.92 ng/ml



#20 Methoxychlor

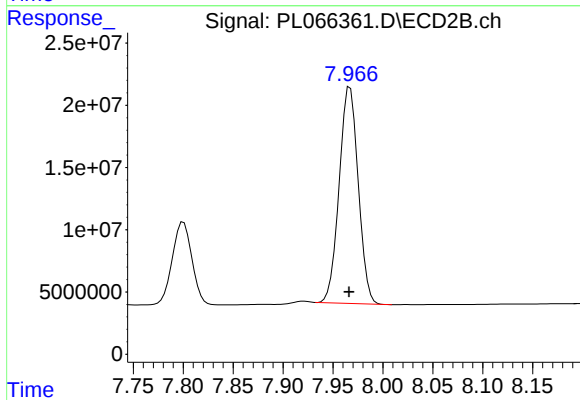
R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 91116461
Conc: 50.85 ng/ml



#21 Endrin ketone

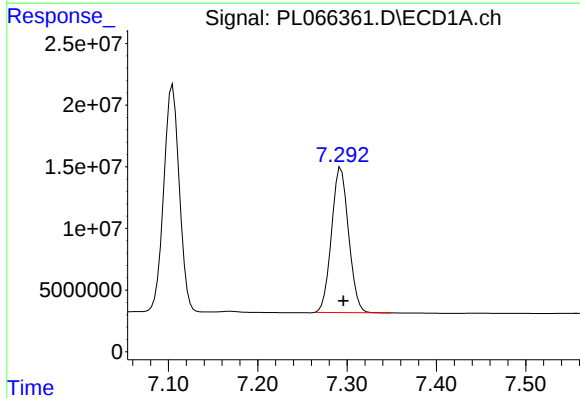
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 223578045
Conc: 60.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



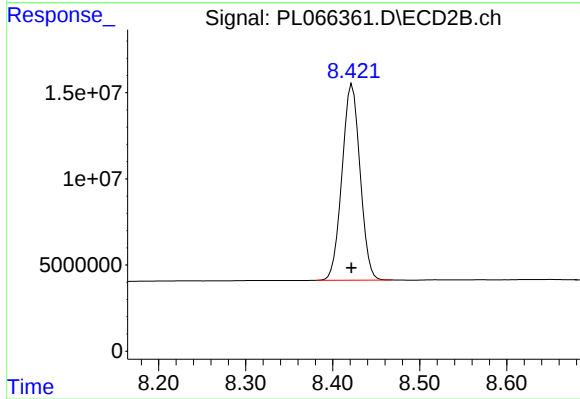
#21 Endrin ketone

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 231002374
Conc: 62.79 ng/ml



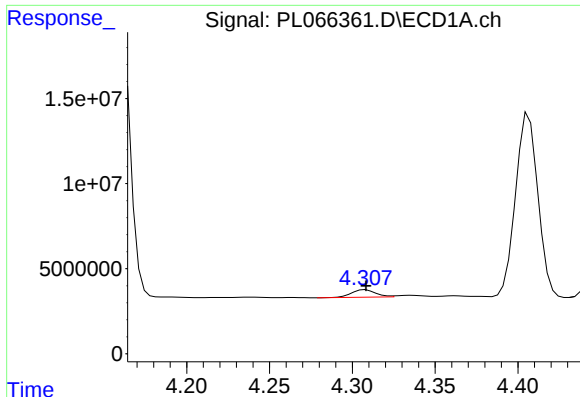
#22 Mirex

R.T.: 7.293 min
Delta R.T.: -0.003 min
Response: 156197727
Conc: 54.62 ng/ml



#22 Mirex

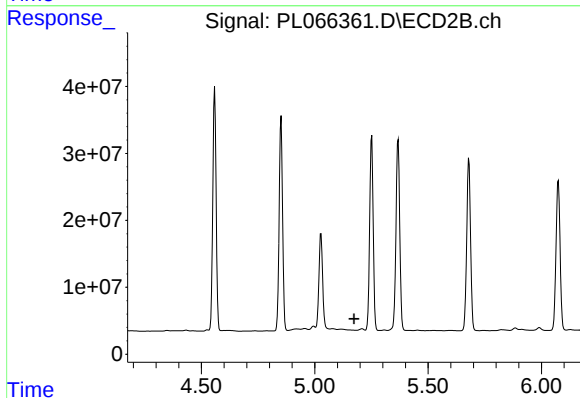
R.T.: 8.422 min
Delta R.T.: 0.001 min
Response: 163872960
Conc: 57.89 ng/ml



#23 Chlordane-1

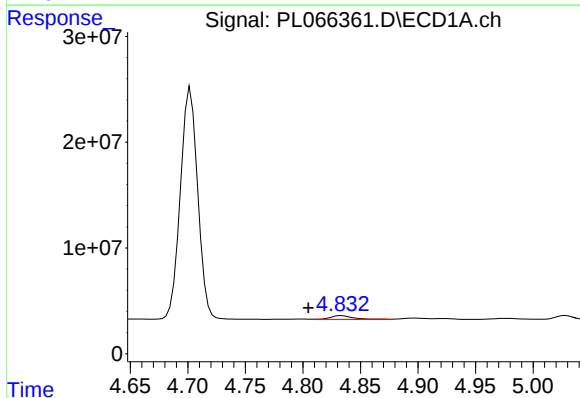
R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 4525068
Conc: 39.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



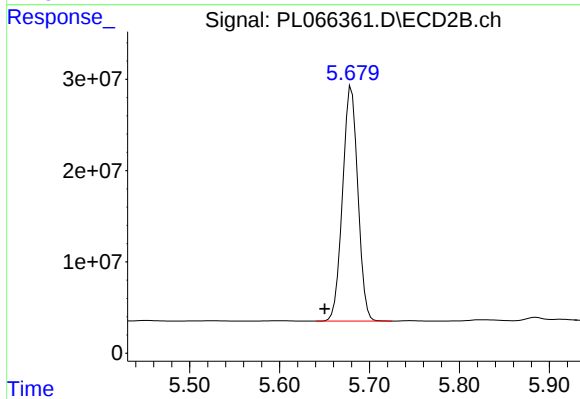
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.173 min
Response: 0
Conc: N.D.



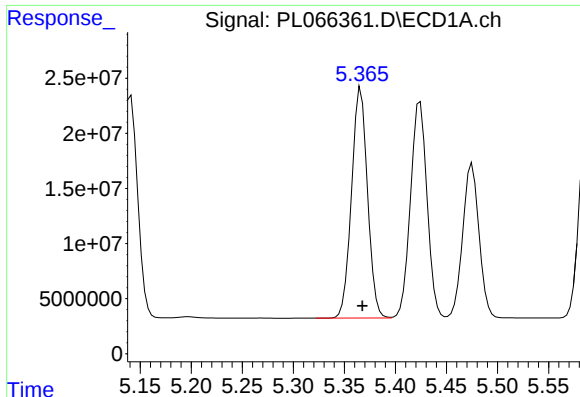
#24 Chlordane-2

R.T.: 4.834 min
Delta R.T.: 0.029 min
Response: 4957043
Conc: 37.27 ng/ml



#24 Chlordane-2

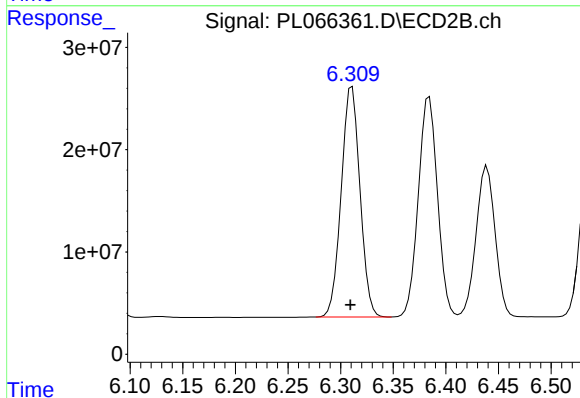
R.T.: 5.680 min
Delta R.T.: 0.030 min
Response: 303775527
Conc: 1726.68 ng/ml



#25 Chlordane-3

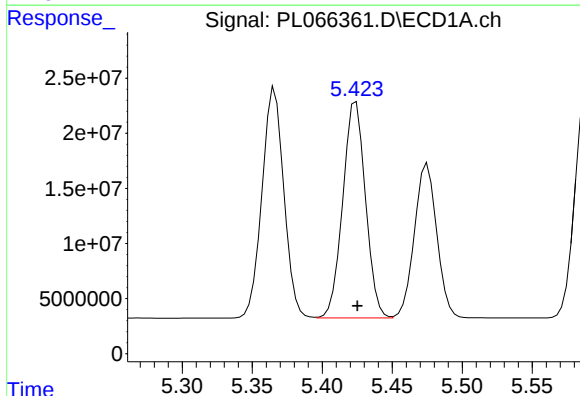
R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 227273890
Conc: 625.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



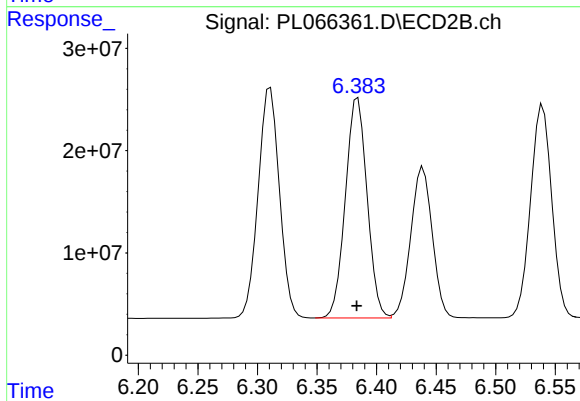
#25 Chlordane-3

R.T.: 6.311 min
Delta R.T.: 0.001 min
Response: 280083799
Conc: 425.96 ng/ml



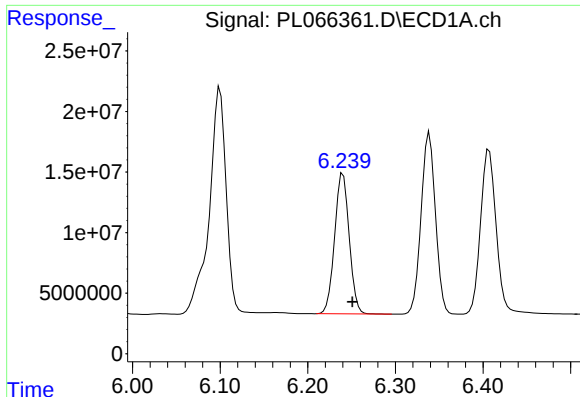
#26 Chlordane-4

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 221950771
Conc: 703.46 ng/ml



#26 Chlordane-4

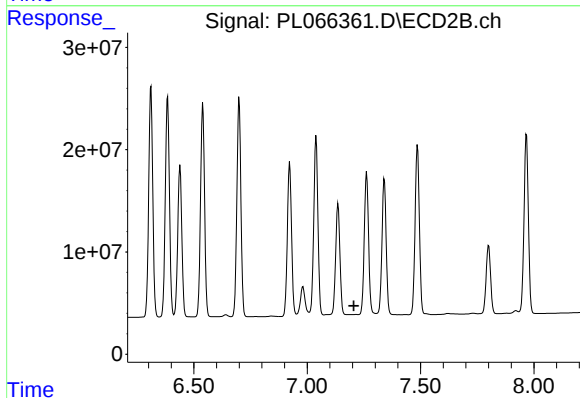
R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 272869449
Conc: 347.36 ng/ml



#27 Chlordane-5

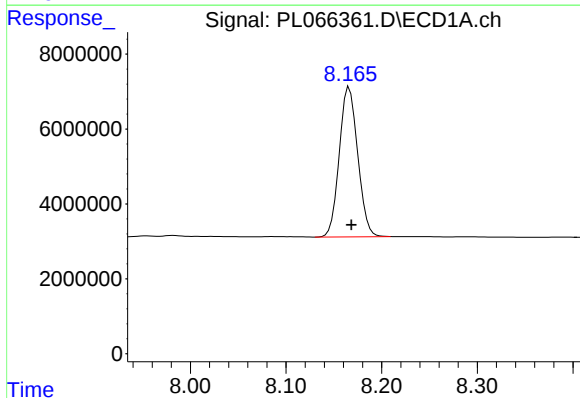
R.T.: 6.240 min
Delta R.T.: -0.011 min
Response: 134339092
Conc: 950.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



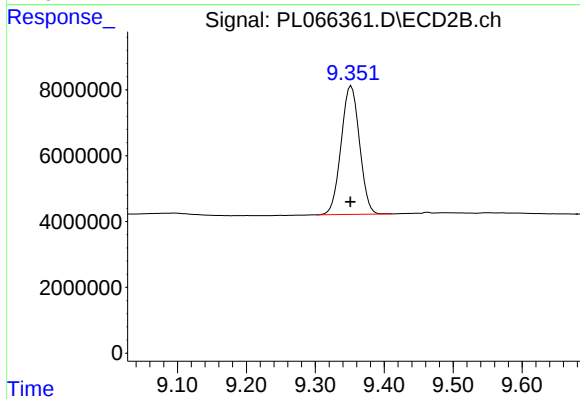
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.206 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 53730127
Conc: 22.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.352 min
Delta R.T.: 0.001 min
Response: 72481759
Conc: 22.19 ng/ml