

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
 Data File : PL084192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 18:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 21:33:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 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...	3.476	2.688	42948851	20862973	21.476	18.786
28)	SA Decachlor...	9.025	7.870	30498629	24199964	23.431	21.780
Target Compounds							
2)	A alpha-BHC	3.934	3.192	29412894	13983376	10.039	8.697
3)	MA gamma-BHC...	4.268	3.523	28096083	13146473	9.944	8.645
4)	MA Heptachlor	4.861	0.000	14951	0	0.006	N.D. #
5)	MB Aldrin	0.000	4.156	0	37881	N.D.	0.025 #
6)	B beta-BHC	4.467	3.825	14361421	6848804	11.969	10.376
7)	B delta-BHC	0.000	4.055	0	24914	N.D.	0.016 #
8)	B Heptachlo...	5.628	4.667	328598	5468	0.123	0.004 #
9)	A Endosulfan I	0.000	5.040f	0	64786	N.D.	0.053 #
10)	B gamma-Chl...	5.866f	4.918	1247787	601344	0.483	0.451
11)	B alpha-Chl...	0.000	4.978	0	43318	N.D.	0.032 #
12)	B 4,4'-DDE	6.148	5.167	720123	351637	0.358	0.286
13)	MA Dieldrin	0.000	5.292	0	93684	N.D.	0.072 #
14)	MA Endrin	6.524	5.564	85760332	52747690	45.032	47.986
15)	B Endosulfa...	0.000	5.837f	0	25441	N.D.	0.022 #
16)	A 4,4'-DDD	6.667	5.724	6178159	3635309	4.207	3.789
17)	MA 4,4'-DDT	6.982	5.977	152.3E6	106.0E6	95.501	116.402
18)	B Endrin al...	6.876	6.043	2867053	2110548	1.957	2.348
19)	B Endosulfa...	7.087f	6.267	434410	51363	0.251	0.047 #
20)	A Methoxychlor	7.464	6.561	178.6E6	132.7E6	228.321	276.834
21)	B Endrin ke...	7.595	6.772	4653080	4446984	2.655	3.442 #
22)	Mirex	0.000	6.931f	0	22883	N.D.	0.022 #
24)	Chlordane-2	0.000	4.269	0	38859	N.D.	0.092 #
25)	Chlordane-3	5.866f	4.918	1247787	601344	0.355	0.439
26)	Chlordane-4	0.000	4.978	0	43318	N.D.	0.030 #
27)	Chlordane-5	0.000	5.892f	0	749003	N.D.	1.632 #

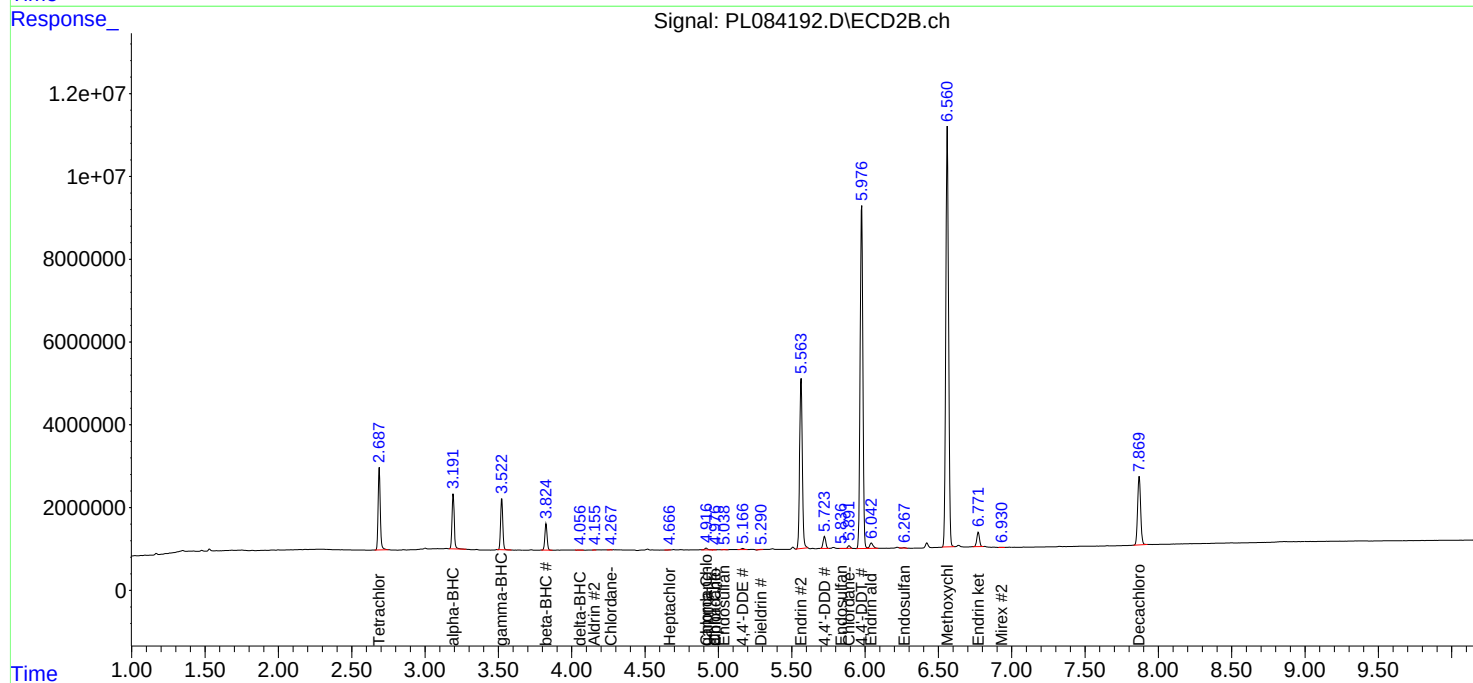
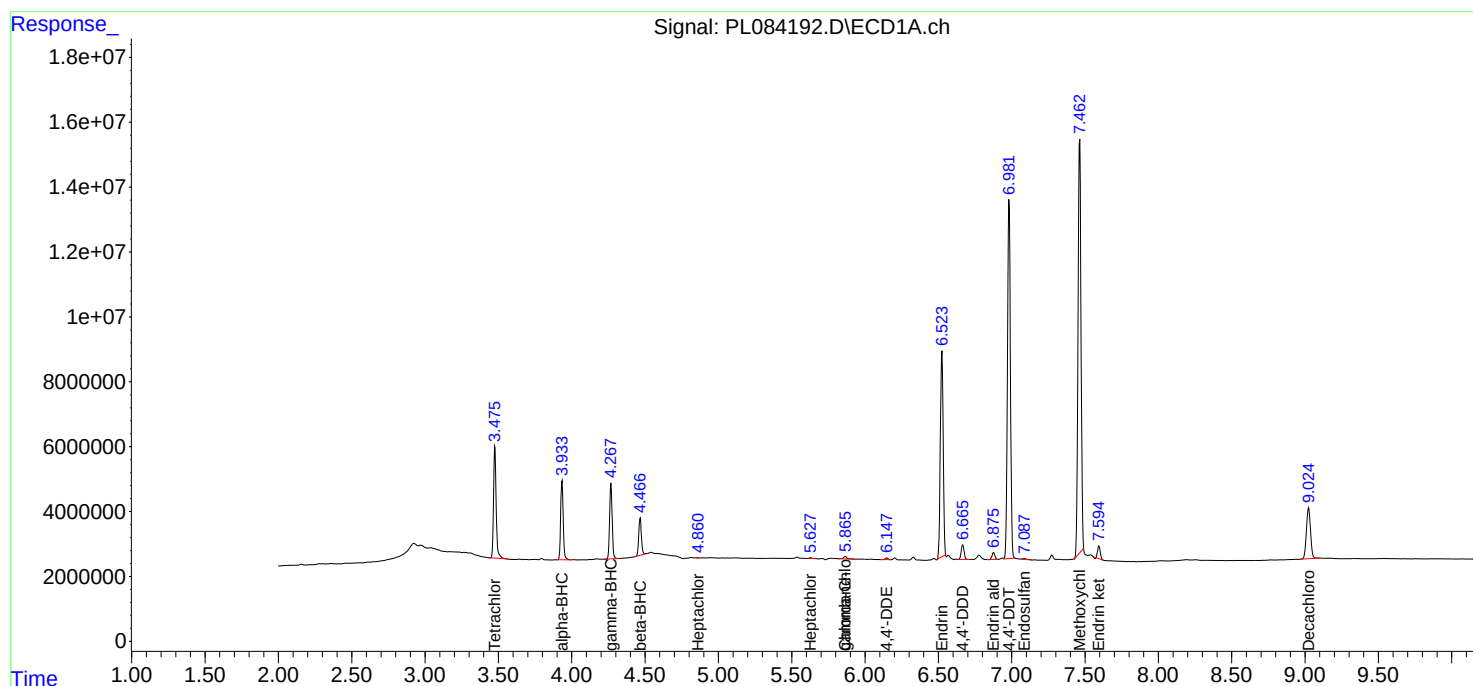
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

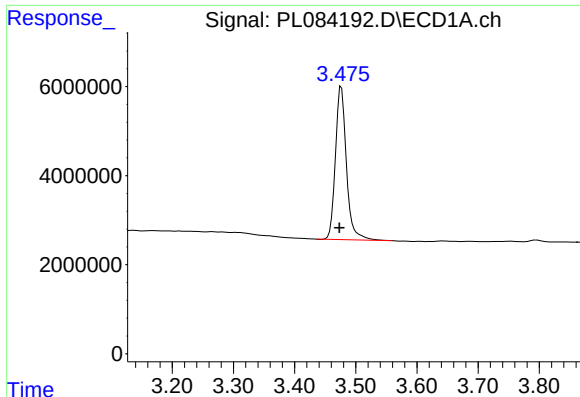
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
Data File : PL084192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2023 18:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 21:33:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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

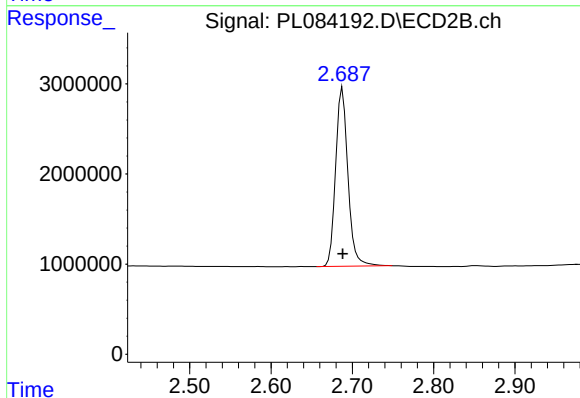




#1 Tetrachloro-m-xylene

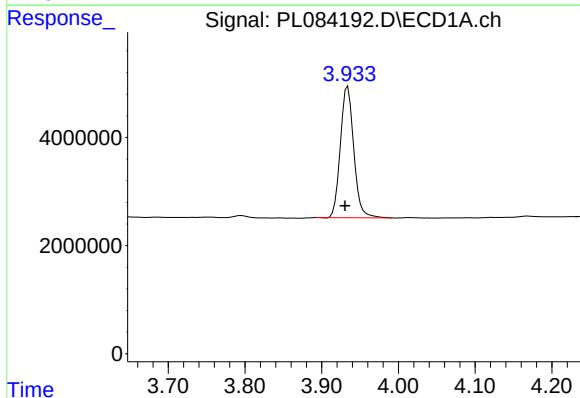
R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 42948851
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



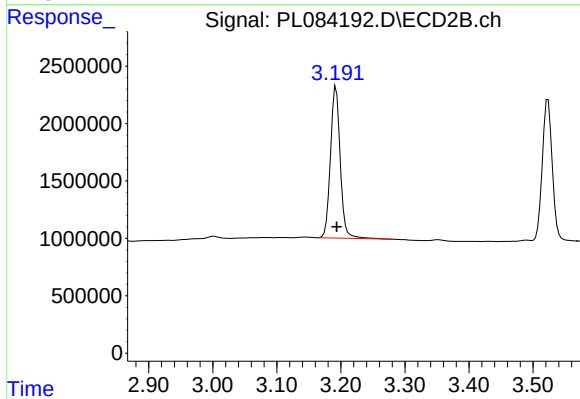
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 20862973
Conc: 18.79 ng/ml



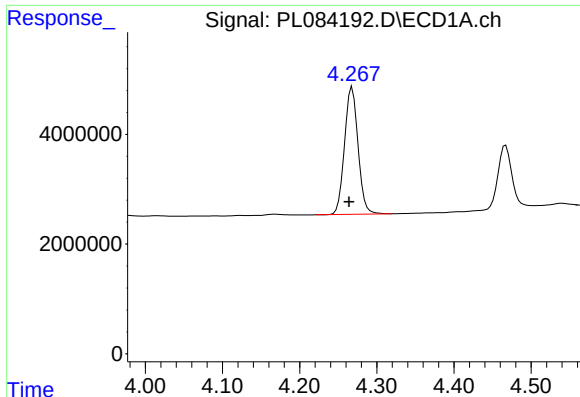
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 29412894
Conc: 10.04 ng/ml



#2 alpha-BHC

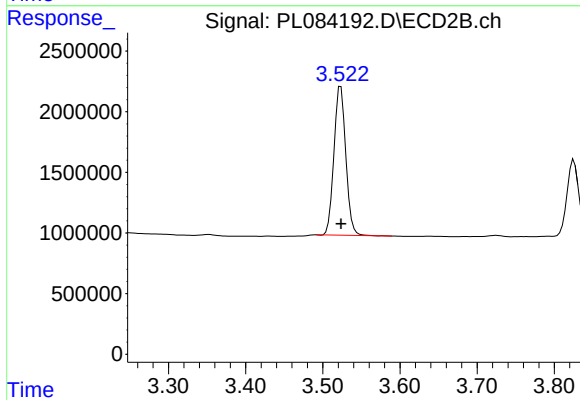
R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 13983376
Conc: 8.70 ng/ml



#3 gamma-BHC (Lindane)

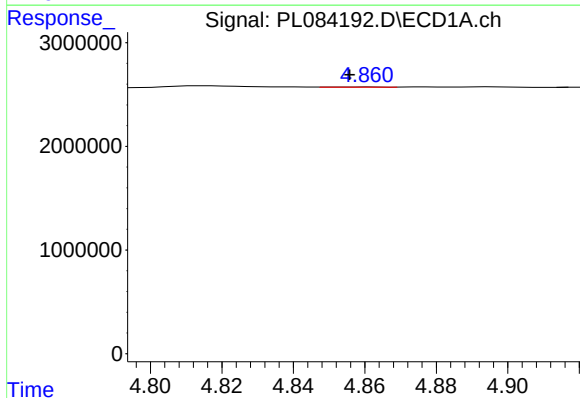
R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 28096083
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



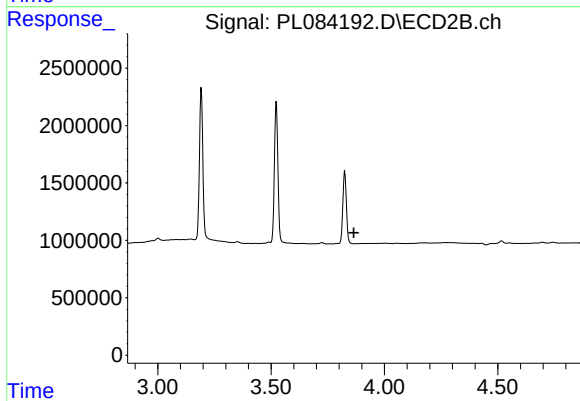
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13146473
Conc: 8.65 ng/ml



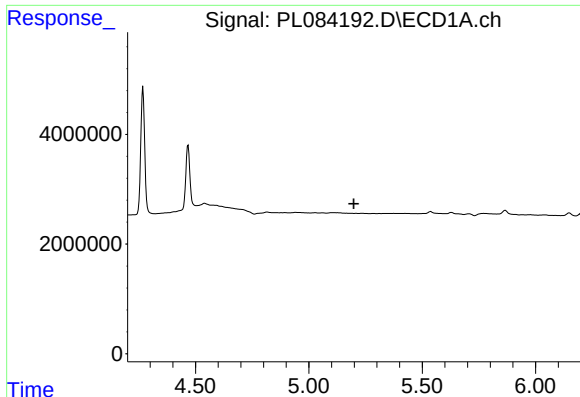
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 14951
Conc: 0.01 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.865 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.199 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :

#5 Aldrin

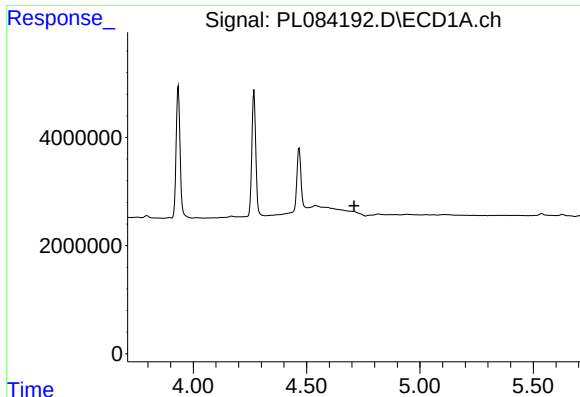
R.T.: 4.156 min
Delta R.T.: 0.011 min
Response: 37881
Conc: 0.03 ng/ml

#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 14361421
Conc: 11.97 ng/ml

#6 beta-BHC

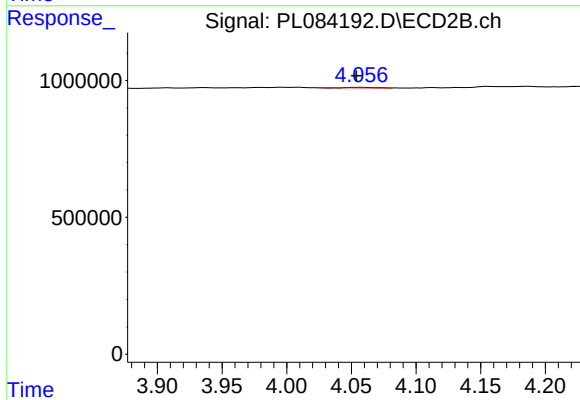
R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6848804
Conc: 10.38 ng/ml



#7 delta-BHC

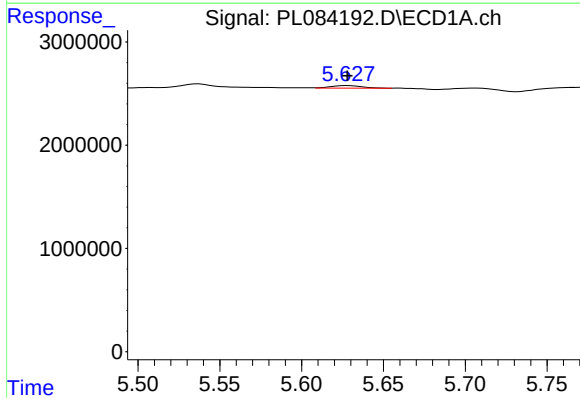
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



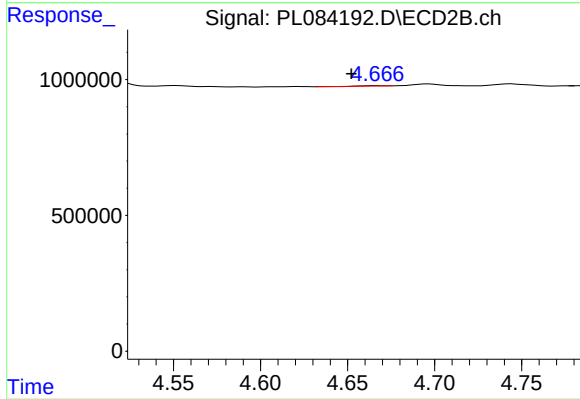
#7 delta-BHC

R.T.: 4.055 min
Delta R.T.: 0.001 min
Response: 24914
Conc: 0.02 ng/ml



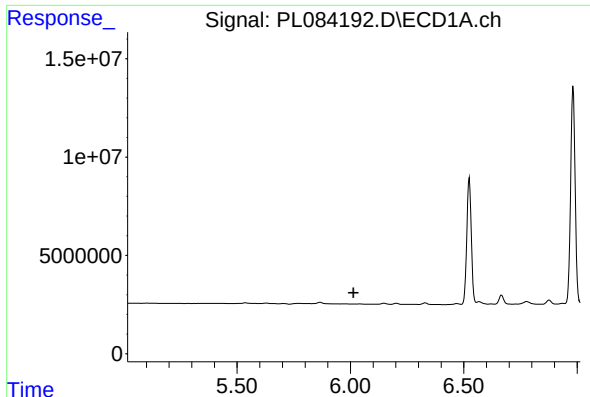
#8 Heptachlor epoxide

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 328598
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

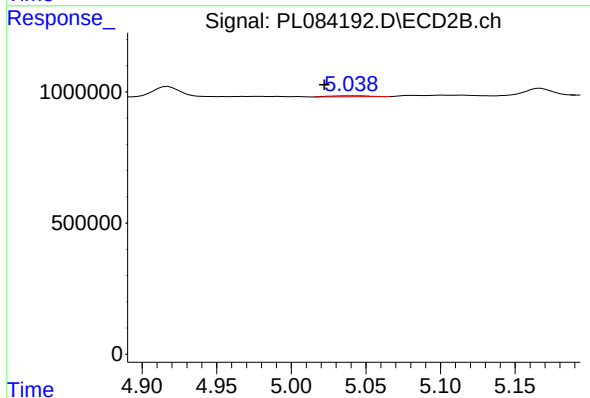
R.T.: 4.667 min
Delta R.T.: 0.015 min
Response: 5468
Conc: 0.00 ng/ml



#9 Endosulfan I

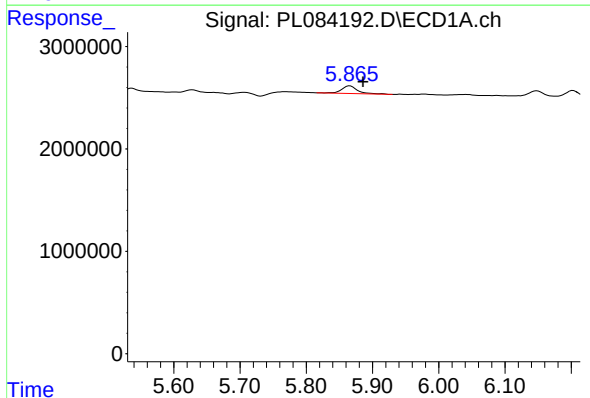
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



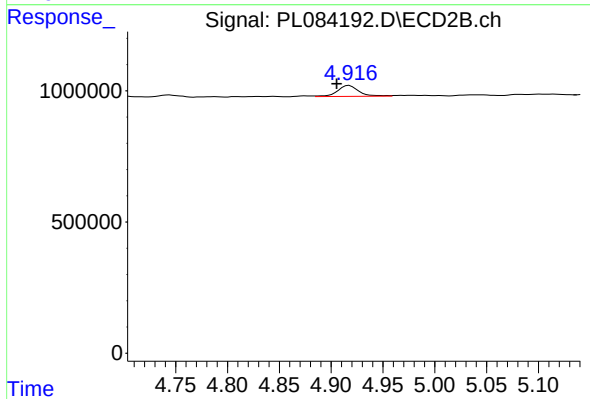
#9 Endosulfan I

R.T.: 5.040 min
Delta R.T.: 0.018 min
Response: 64786
Conc: 0.05 ng/ml



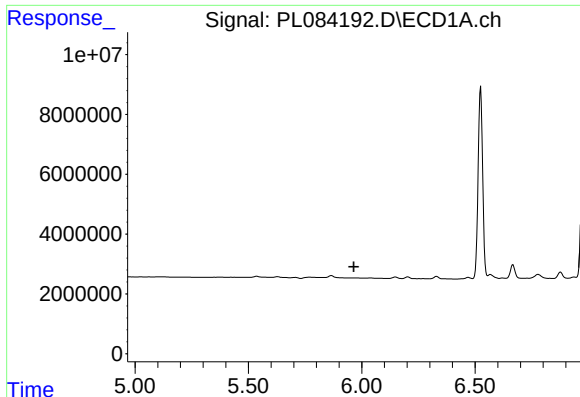
#10 gamma-Chlordane

R.T.: 5.866 min
Delta R.T.: -0.020 min
Response: 1247787
Conc: 0.48 ng/ml



#10 gamma-Chlordane

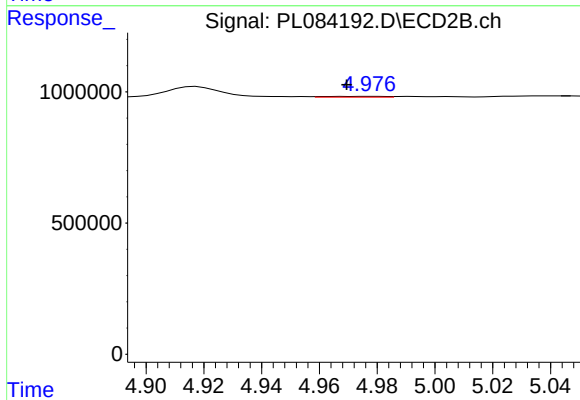
R.T.: 4.918 min
Delta R.T.: 0.012 min
Response: 601344
Conc: 0.45 ng/ml



#11 alpha-Chlordane

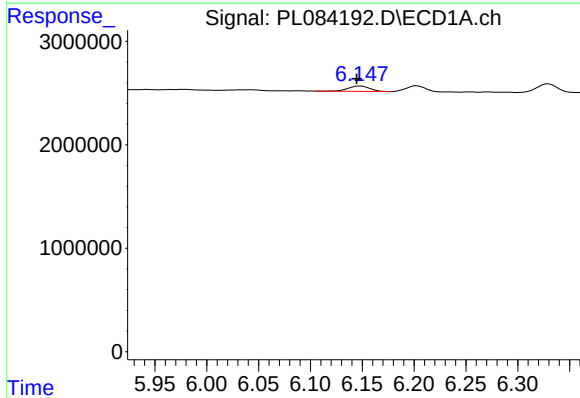
R.T.: 0.000 min
Exp R.T.: 5.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



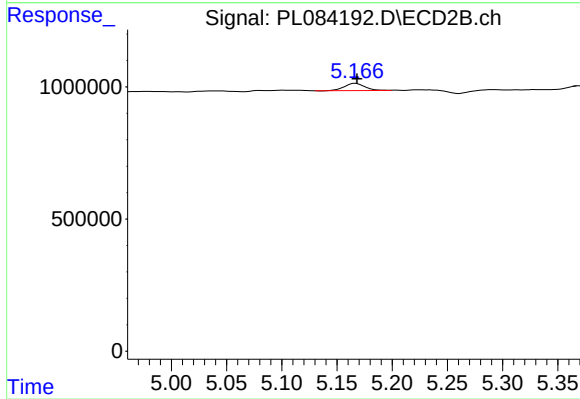
#11 alpha-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.009 min
Response: 43318
Conc: 0.03 ng/ml



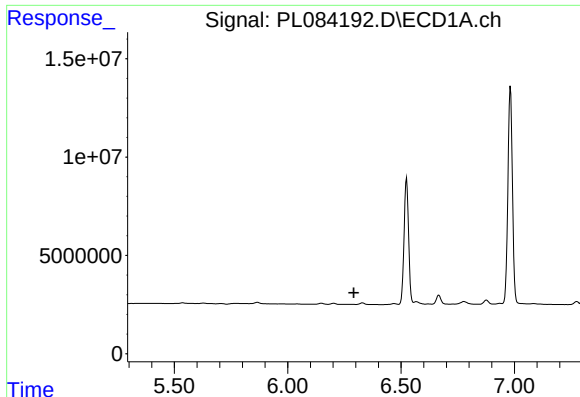
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 720123
Conc: 0.36 ng/ml



#12 4,4'-DDE

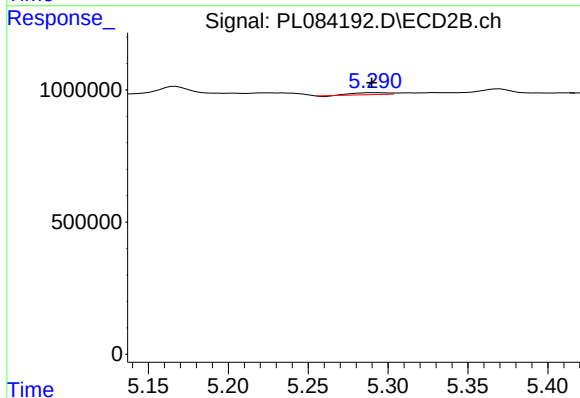
R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 351637
Conc: 0.29 ng/ml



#13 Dieldrin

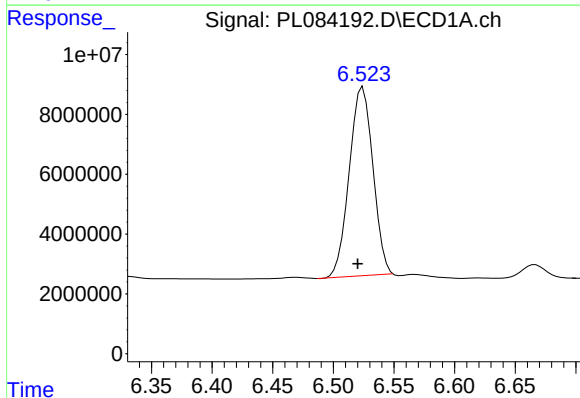
R.T.: 0.000 min
Exp R.T.: 6.291 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



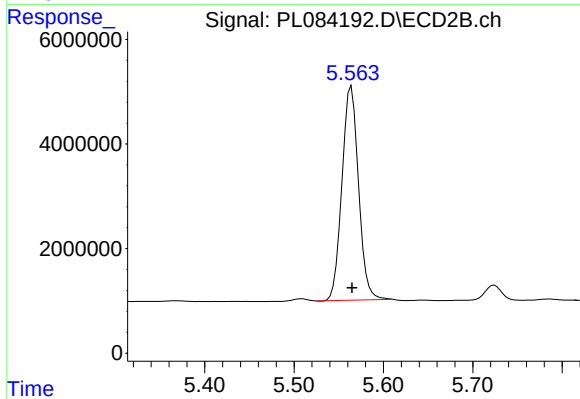
#13 Dieldrin

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 93684
Conc: 0.07 ng/ml



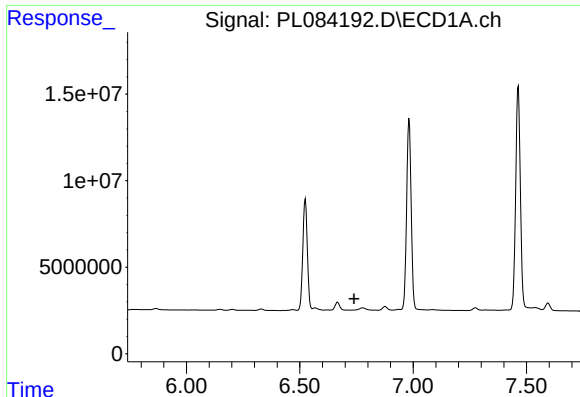
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 85760332
Conc: 45.03 ng/ml



#14 Endrin

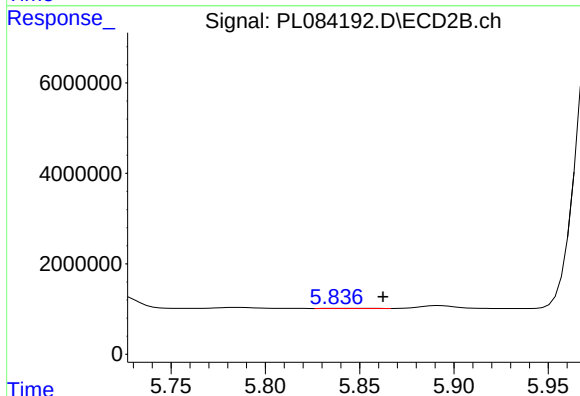
R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 52747690
Conc: 47.99 ng/ml



#15 Endosulfan II

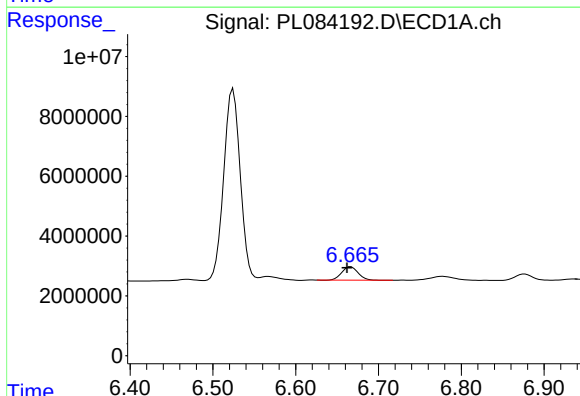
R.T.: 0.000 min
Exp R.T.: 6.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



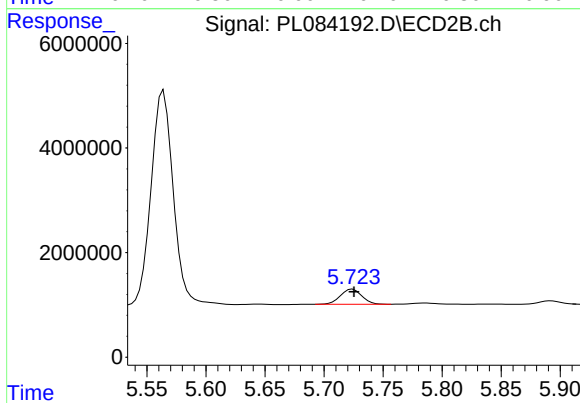
#15 Endosulfan II

R.T.: 5.837 min
Delta R.T.: -0.025 min
Response: 25441
Conc: 0.02 ng/ml



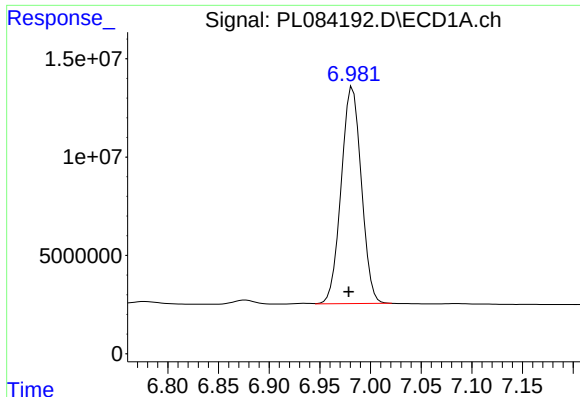
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 6178159
Conc: 4.21 ng/ml



#16 4,4'-DDD

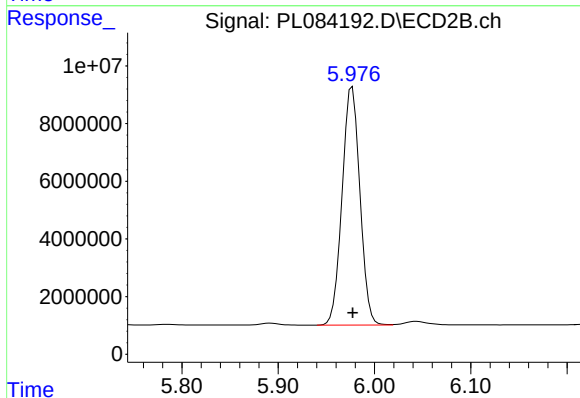
R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 3635309
Conc: 3.79 ng/ml



#17 4,4'-DDT

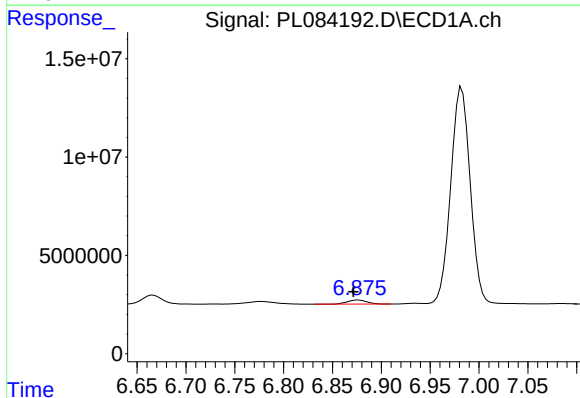
R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 152305291
Conc: 95.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



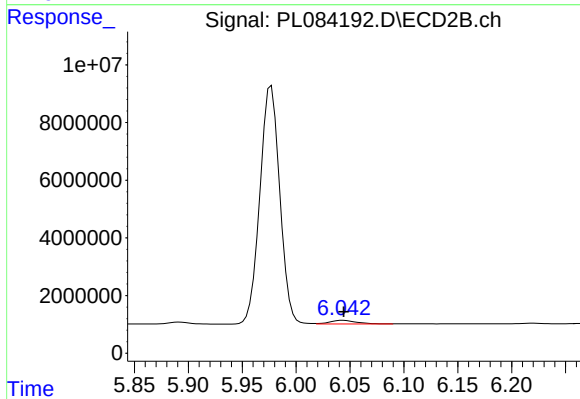
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 106017917
Conc: 116.40 ng/ml



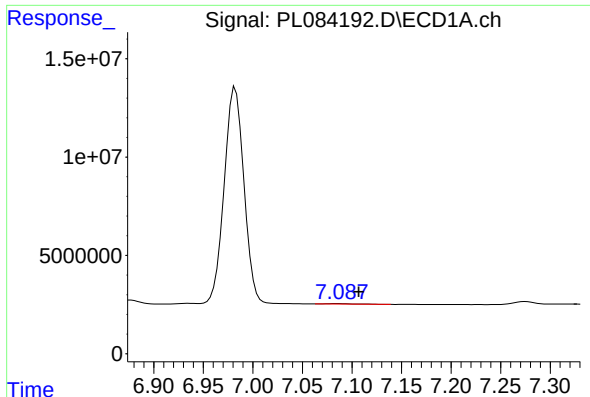
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.005 min
Response: 2867053
Conc: 1.96 ng/ml



#18 Endrin aldehyde

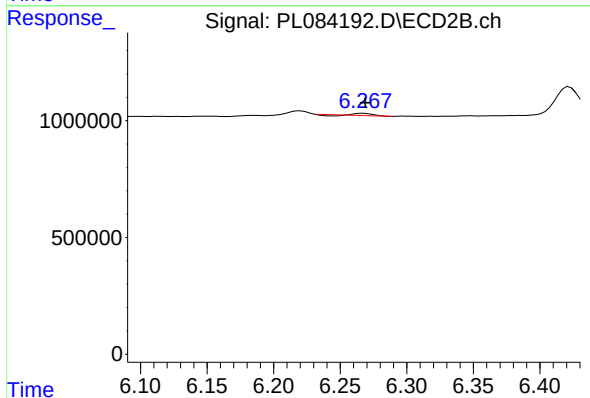
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2110548
Conc: 2.35 ng/ml



#19 Endosulfan Sulfate

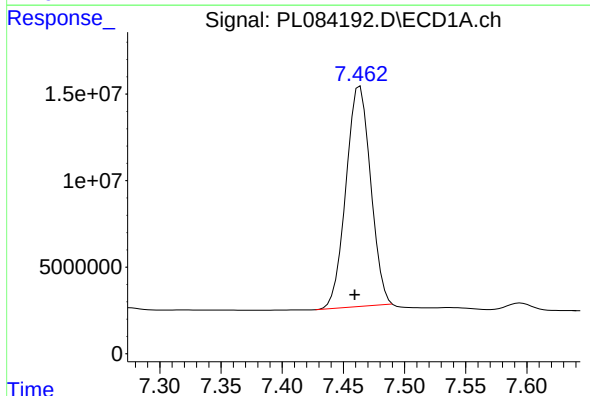
R.T.: 7.087 min
Delta R.T.: -0.020 min
Response: 434410
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



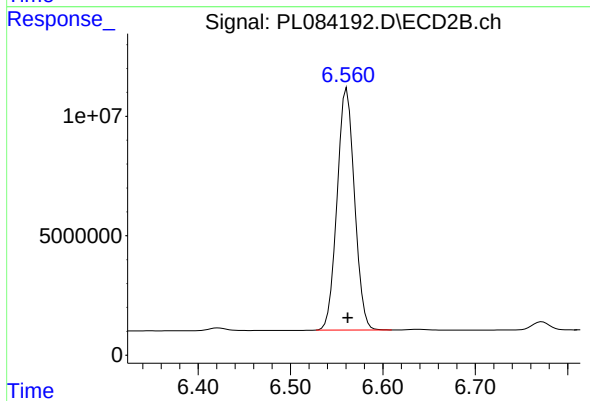
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 51363
Conc: 0.05 ng/ml



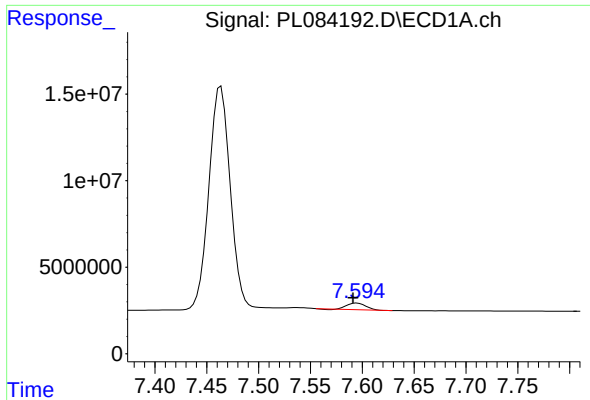
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 178597500
Conc: 228.32 ng/ml



#20 Methoxychlor

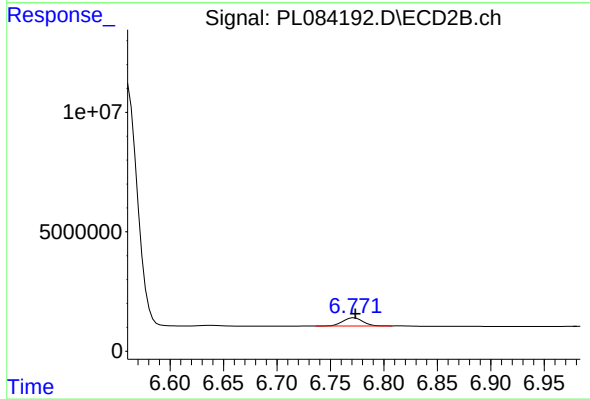
R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 132670052
Conc: 276.83 ng/ml



#21 Endrin ketone

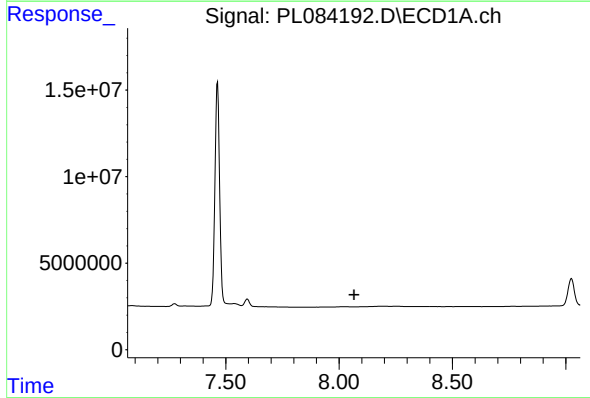
R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 4653080
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



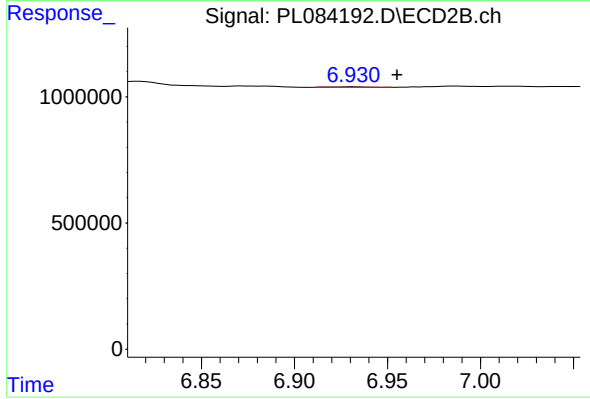
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 4446984
Conc: 3.44 ng/ml



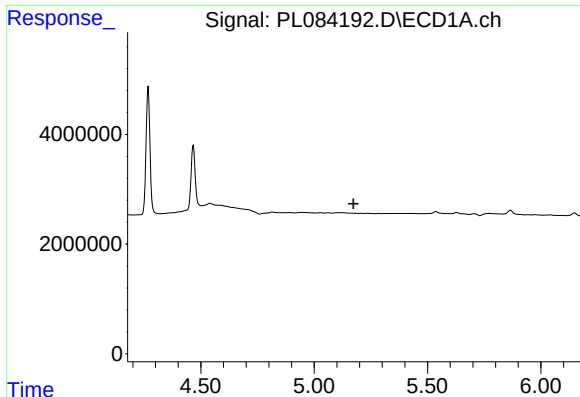
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.066 min
Response: 0
Conc: N.D.



#22 Mirex

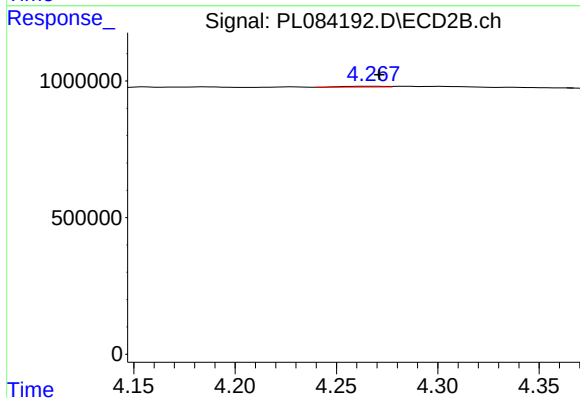
R.T.: 6.931 min
Delta R.T.: -0.024 min
Response: 22883
Conc: 0.02 ng/ml



#24 Chlordane-2

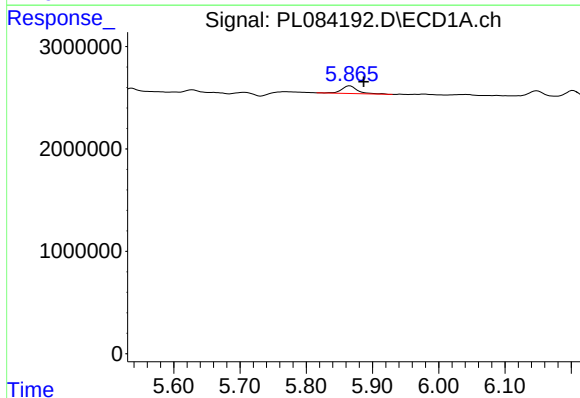
R.T.: 0.000 min
Exp R.T.: 5.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



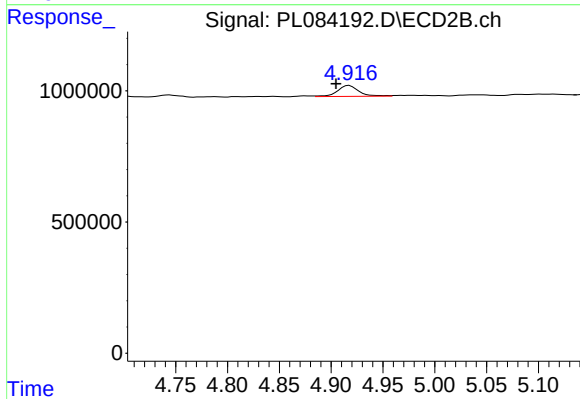
#24 Chlordane-2

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 38859
Conc: 0.09 ng/ml



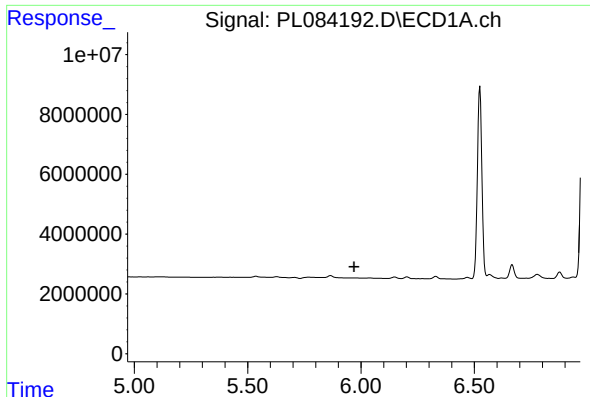
#25 Chlordane-3

R.T.: 5.866 min
Delta R.T.: -0.021 min
Response: 1247787
Conc: 0.36 ng/ml



#25 Chlordane-3

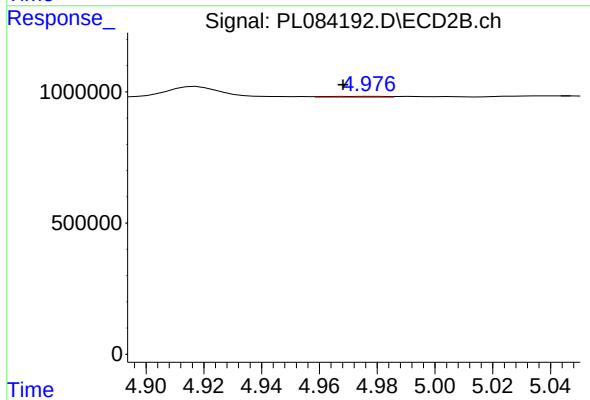
R.T.: 4.918 min
Delta R.T.: 0.013 min
Response: 601344
Conc: 0.44 ng/ml



#26 Chlordane-4

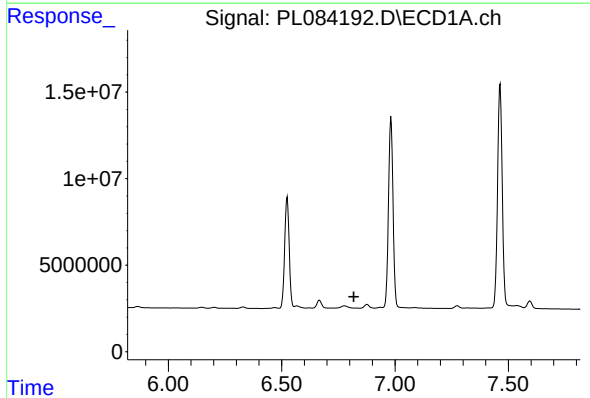
R.T.: 0.000 min
Exp R.T.: 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



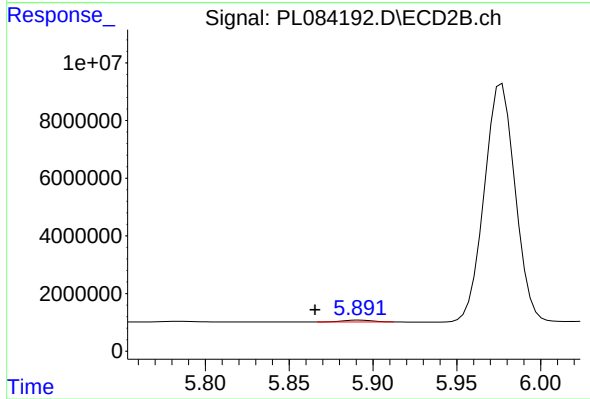
#26 Chlordane-4

R.T.: 4.978 min
Delta R.T.: 0.010 min
Response: 43318
Conc: 0.03 ng/ml



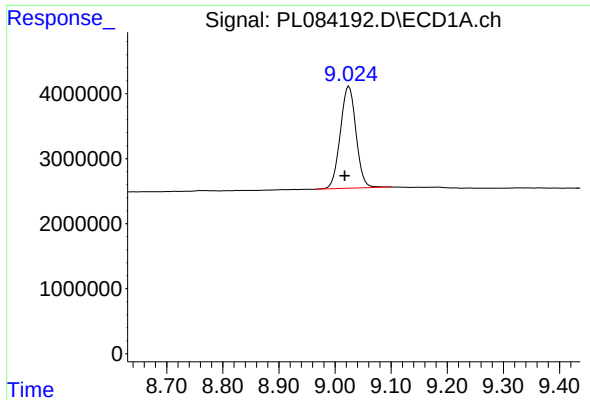
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.



#27 Chlordane-5

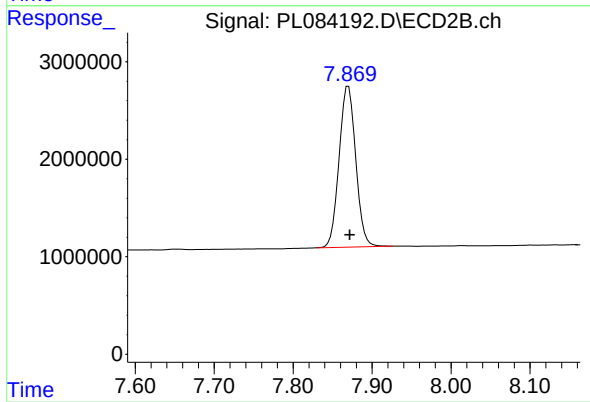
R.T.: 5.892 min
Delta R.T.: 0.027 min
Response: 749003
Conc: 1.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.007 min
Response: 30498629
Conc: 23.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 24199964
Conc: 21.78 ng/ml