

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
 Data File : PL049986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2019 04:38
 Operator : SM\AJ
 Sample : K3529-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 06:00:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.322	3.933	194.7E6	56412228	17.261	18.425
28)	SA Decachlor...	7.985	8.965	197.7E6	58533033	15.562	17.436
Target Compounds							
2)	A alpha-BHC	3.750	4.321	898.3E6	248.2E6	47.813	55.451
3)	MA gamma-BHC...	4.025	4.604	858.4E6	227.6E6	48.411	54.875
4)	MA Heptachlor	4.309	5.107	871.4E6	240.6E6	47.938	55.594
5)	MB Aldrin	4.548	5.409	808.3E6	226.3E6	46.811	57.778
6)	B beta-BHC	4.279	4.780	348.6E6	102.3E6	47.660	52.801
7)	B delta-BHC	4.473	4.994	774.9E6	189.1E6	43.331	48.017
8)	B Heptachlo...	4.984	5.795	754.6E6	200.5E6	46.879	55.146
9)	A Endosulfan I	5.314	6.151	740.8E6	201.6E6	47.877	59.343
10)	B gamma-Chl...	5.206	6.030	823.6E6	222.4E6	48.196	59.692
11)	B alpha-Chl...	5.262	6.101	824.2E6	206.4E6	49.654	55.803
12)	B 4,4'-DDE	5.429	6.262	796.0E6	184.2E6	47.779	53.088
13)	MA Dieldrin	5.554	6.407	656.3E6	195.8E6	39.400	55.200 #
14)	MA Endrin	5.805	6.624	779.1E6	165.8E6	48.648	52.520
15)	B Endosulfa...	6.080	6.836	686.3E6	173.4E6	47.098	53.828
16)	A 4,4'-DDD	5.941	6.752	594.1E6	145.5E6	47.059	55.652
17)	MA 4,4'-DDT	6.174	7.048	639.9E6	145.3E6	48.200	49.594
18)	B Endrin al...	6.247	6.959	553.5E6	136.1E6	46.858	49.553
19)	B Endosulfa...	6.459	7.183	635.9E6	157.8E6	49.048	52.446
20)	A Methoxychlor	6.719	7.508	310.7E6	83454196	47.671	50.069
21)	B Endrin ke...	6.940	7.651	689.9E6	171.1E6	49.084	54.917
22)	Mirex	7.113	8.100	509.1E6	136.5E6	49.256	54.000
24)	Chlordane-2	0.000	5.409f	0	226.3E6	N.D.	1456.927 #
25)	Chlordane-3	5.206	6.030	823.6E6	222.4E6	438.512	446.999
26)	Chlordane-4	5.262	6.101	824.2E6	206.4E6	472.278	347.245 #
27)	Chlordane-5	6.080	0.000	686.3E6	0	1222.867	N.D. #

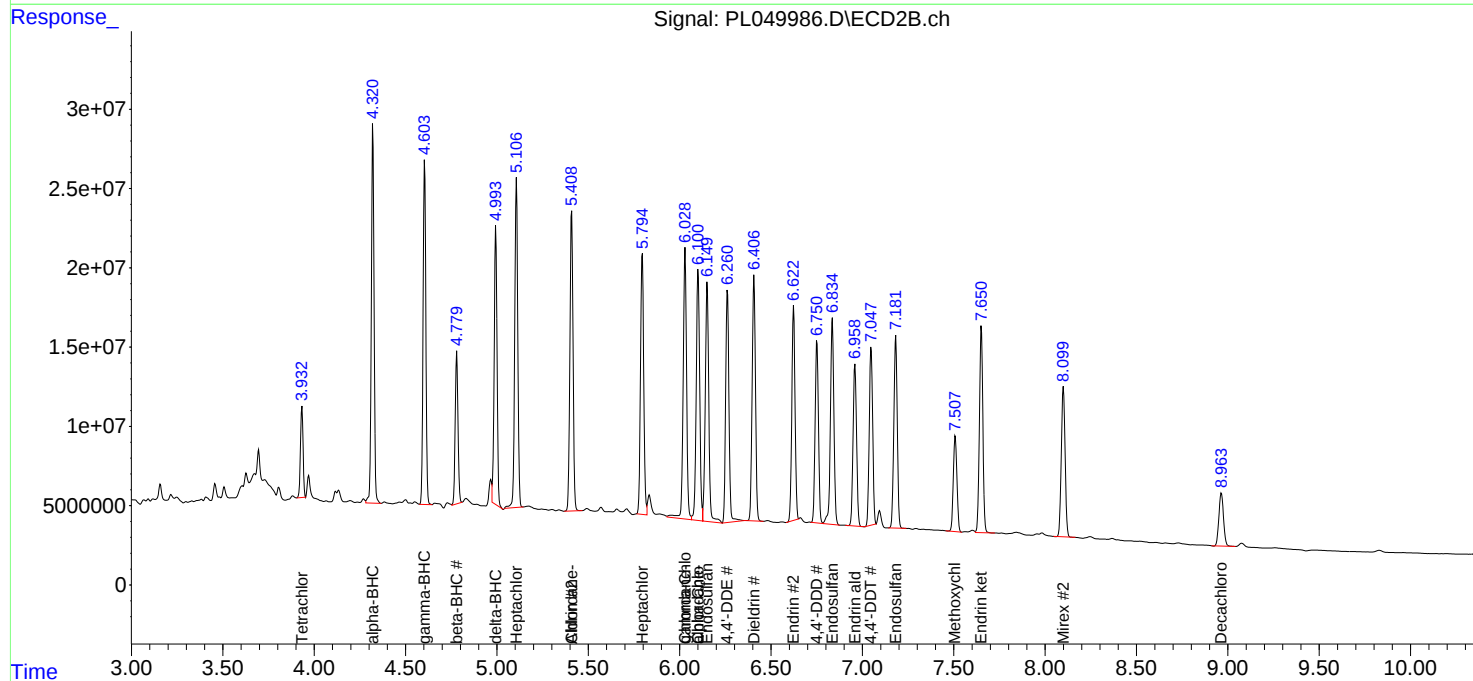
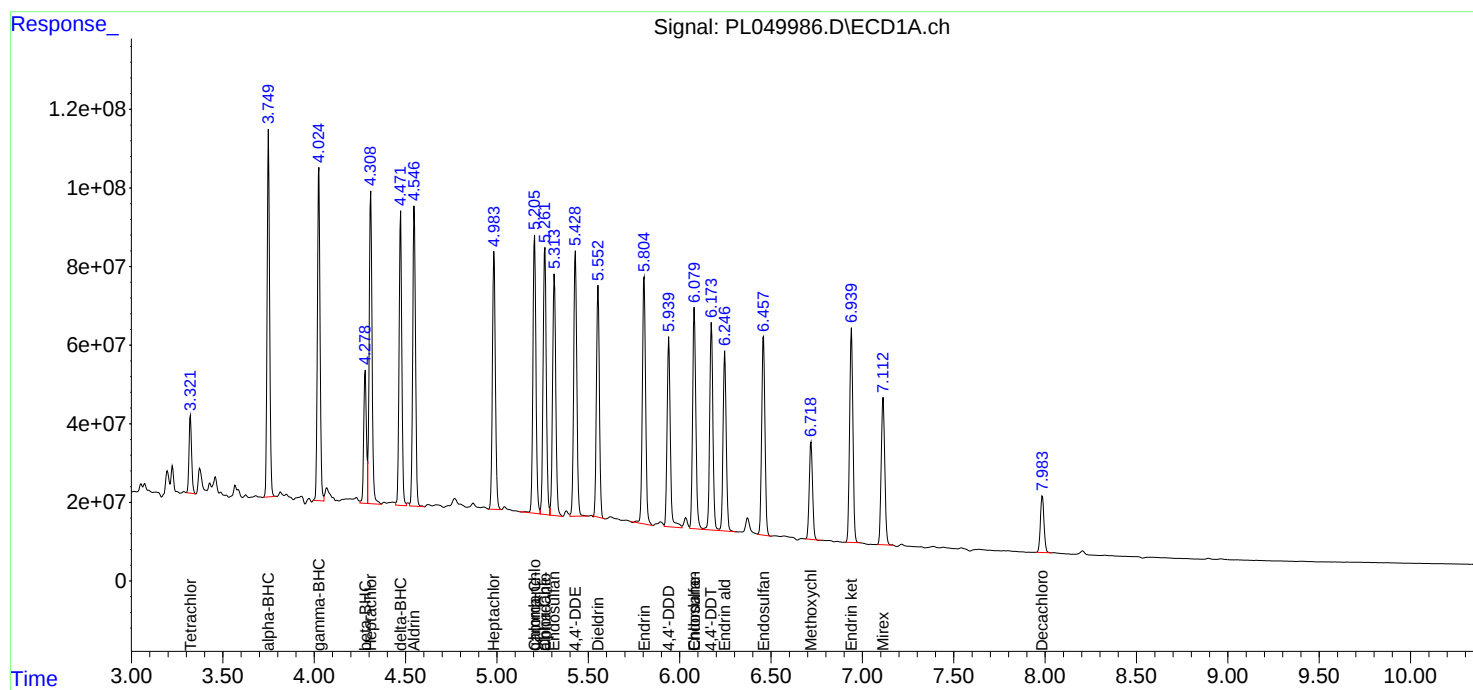
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

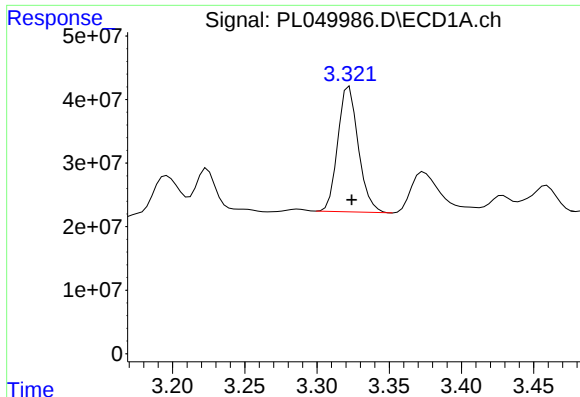
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
 Data File : PL049986.D
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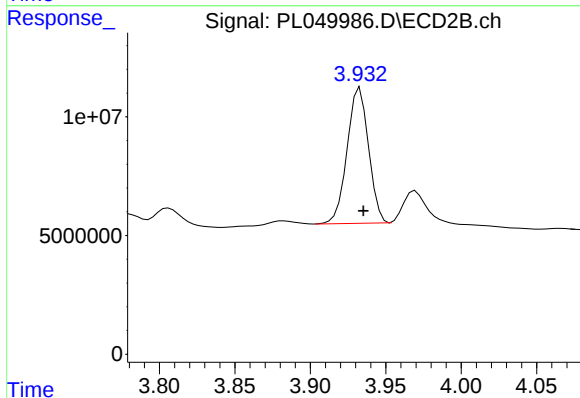




#1 Tetrachloro-m-xylene

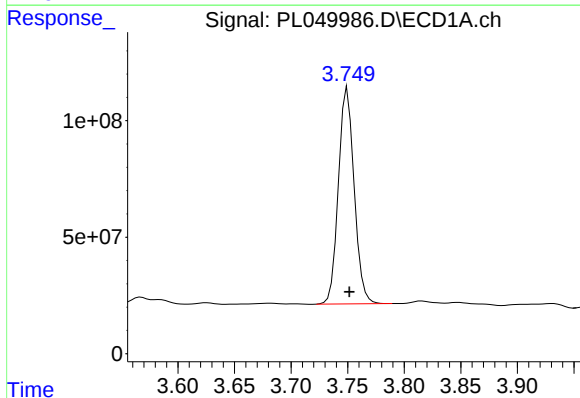
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 194668157
Conc: 17.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME



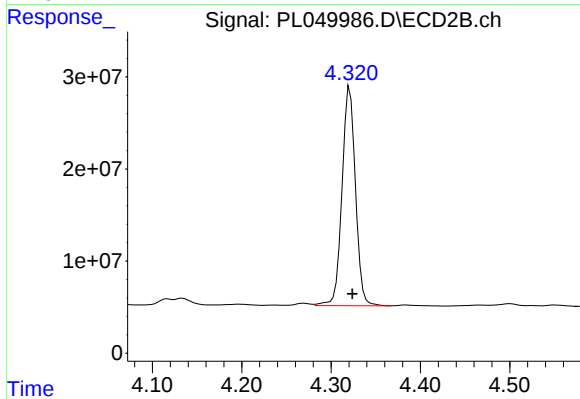
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 56412228
Conc: 18.42 ng/ml



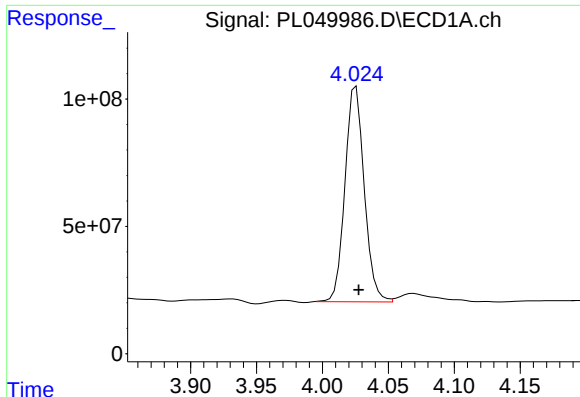
#2 alpha-BHC

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 898284997
Conc: 47.81 ng/ml



#2 alpha-BHC

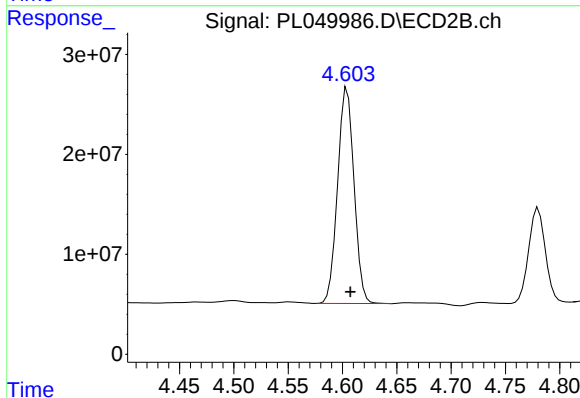
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 248232406
Conc: 55.45 ng/ml



#3 gamma-BHC (Lindane)

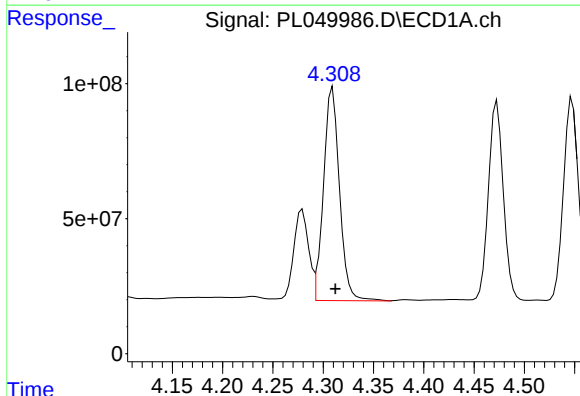
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 858360149
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



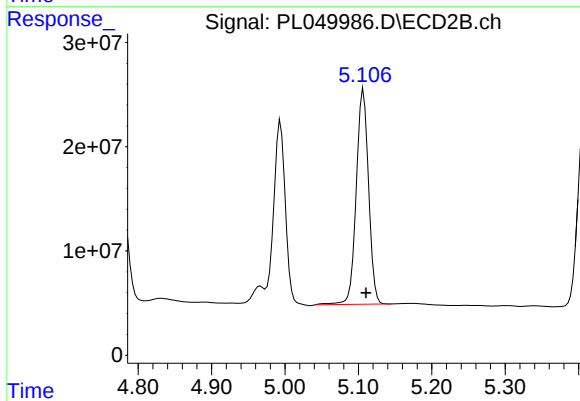
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.003 min
Response: 227611492
Conc: 54.87 ng/ml



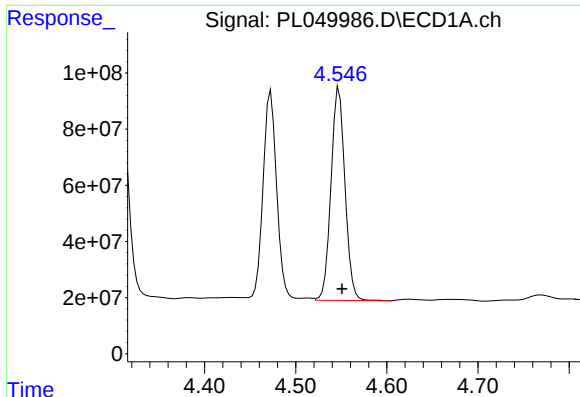
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 871370677
Conc: 47.94 ng/ml



#4 Heptachlor

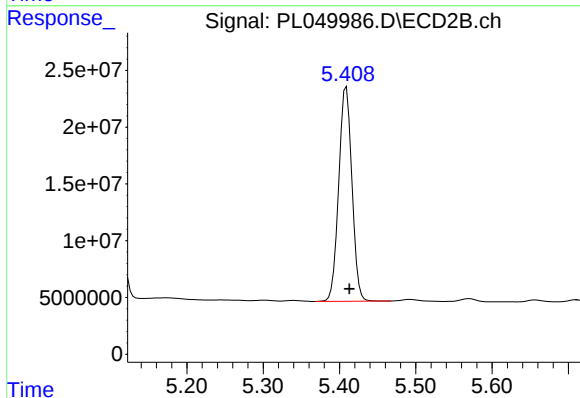
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 240636610
Conc: 55.59 ng/ml



#5 Aldrin

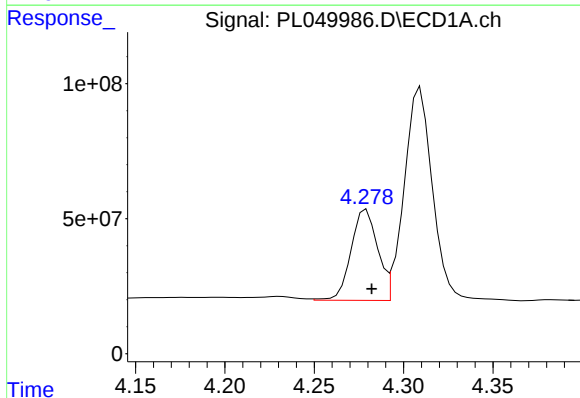
R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 808325679
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



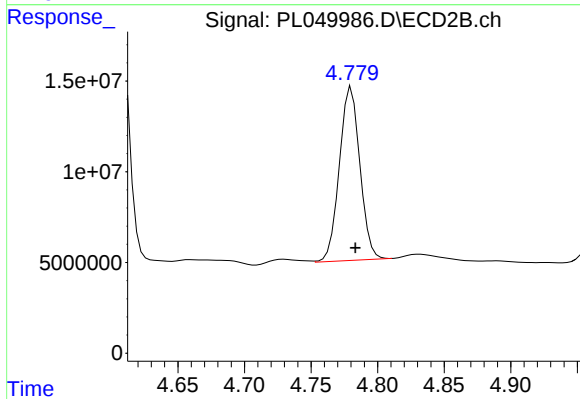
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 226319473
Conc: 57.78 ng/ml



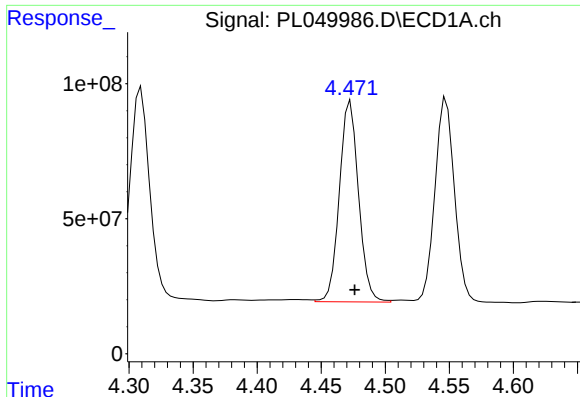
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 348622919
Conc: 47.66 ng/ml



#6 beta-BHC

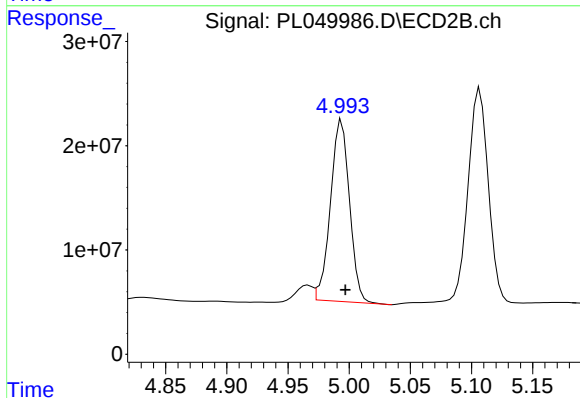
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 102276978
Conc: 52.80 ng/ml



#7 delta-BHC

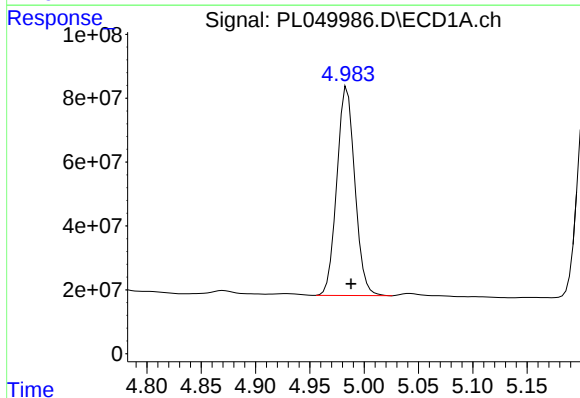
R.T.: 4.473 min
Delta R.T.: -0.003 min
Response: 774924109
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



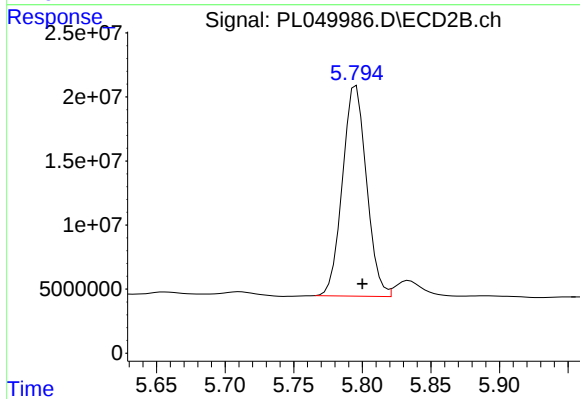
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 189134015
Conc: 48.02 ng/ml



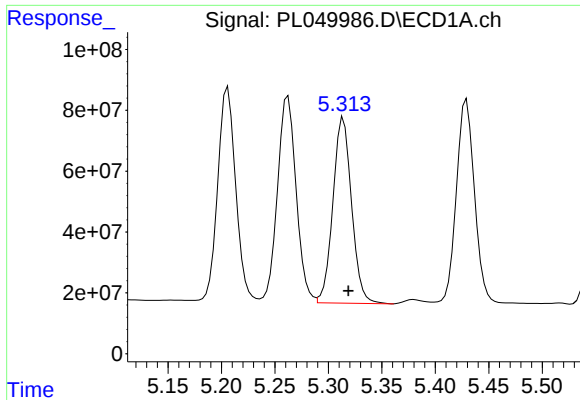
#8 Heptachlor epoxide

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 754628084
Conc: 46.88 ng/ml



#8 Heptachlor epoxide

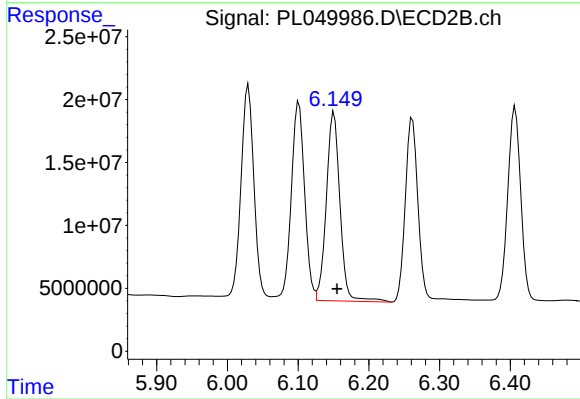
R.T.: 5.795 min
Delta R.T.: -0.005 min
Response: 200499594
Conc: 55.15 ng/ml



#9 Endosulfan I

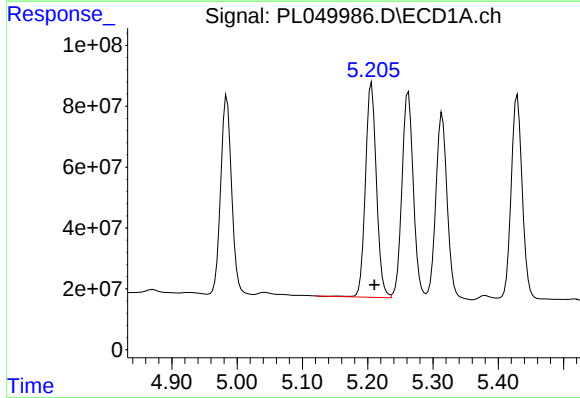
R.T.: 5.314 min
Delta R.T.: -0.005 min
Response: 740778616
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



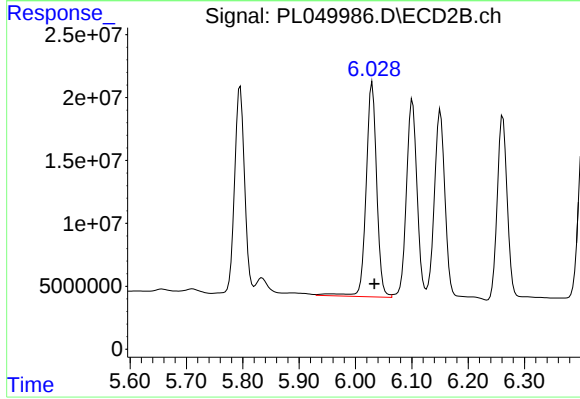
#9 Endosulfan I

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 201610834
Conc: 59.34 ng/ml



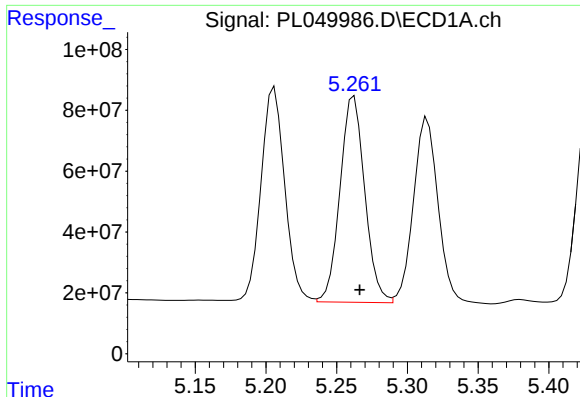
#10 gamma-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 823619240
Conc: 48.20 ng/ml



#10 gamma-Chlordane

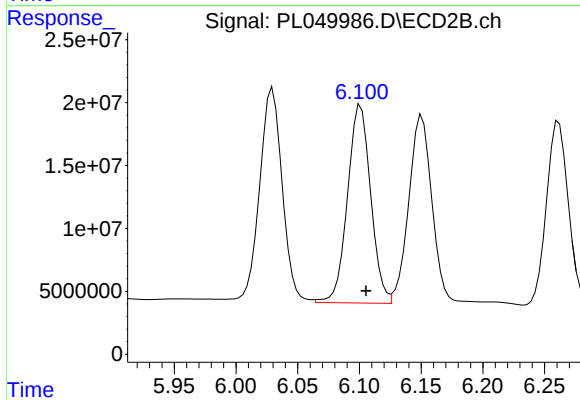
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 222437984
Conc: 59.69 ng/ml



#11 alpha-Chlordane

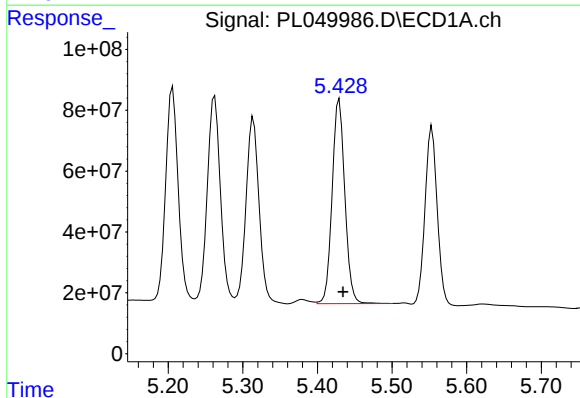
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 824192084
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



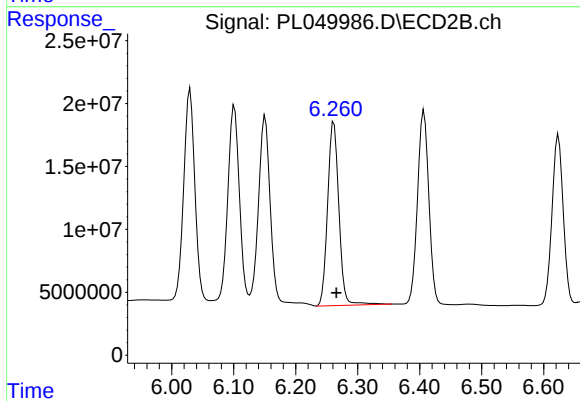
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 206382555
Conc: 55.80 ng/ml



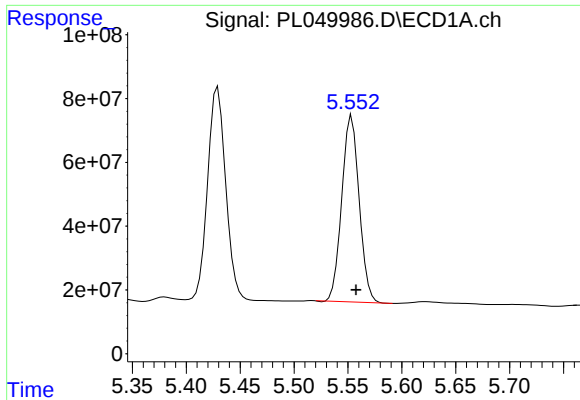
#12 4,4'-DDE

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 795953012
Conc: 47.78 ng/ml



#12 4,4'-DDE

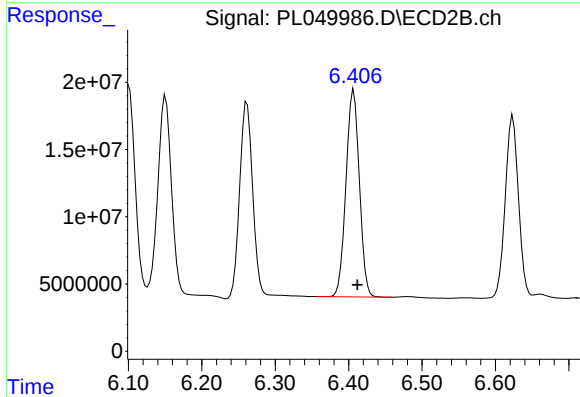
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 184222375
Conc: 53.09 ng/ml



#13 Dieldrin

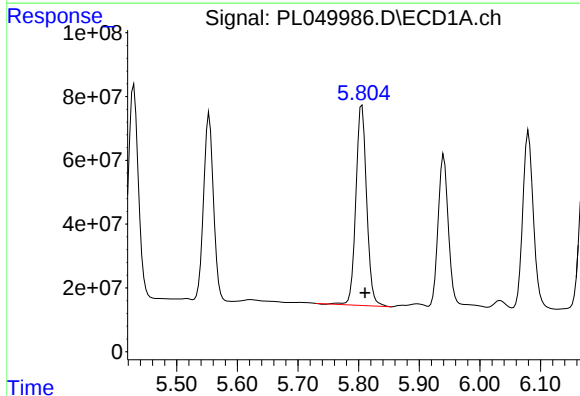
R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 656321858
Conc: 39.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



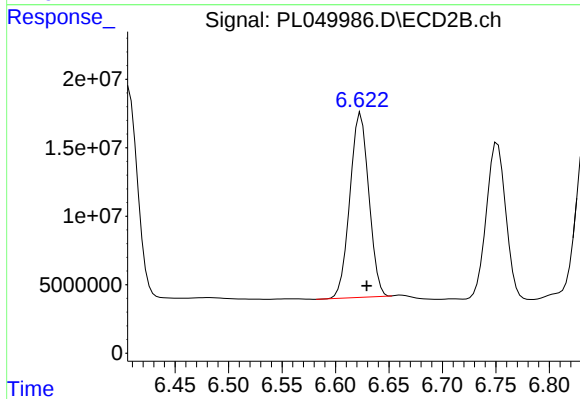
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 195823707
Conc: 55.20 ng/ml



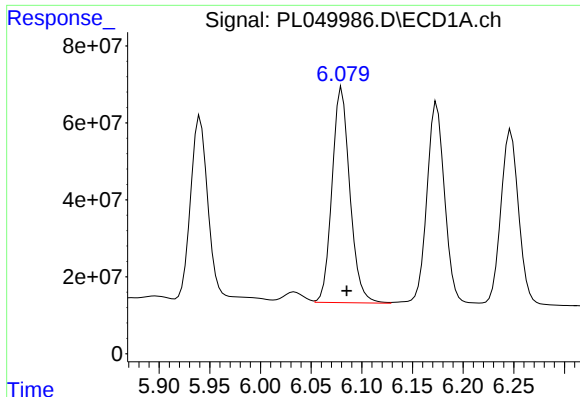
#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.005 min
Response: 779080442
Conc: 48.65 ng/ml



#14 Endrin

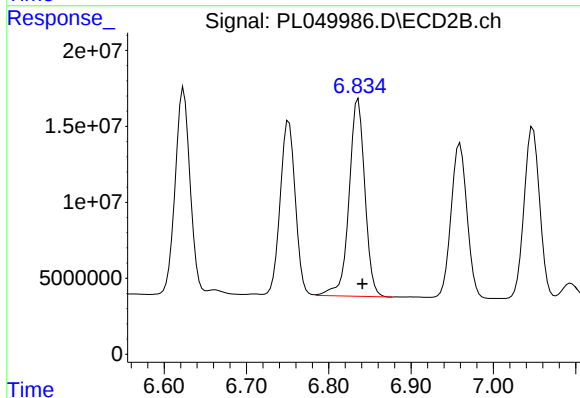
R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 165817324
Conc: 52.52 ng/ml



#15 Endosulfan II

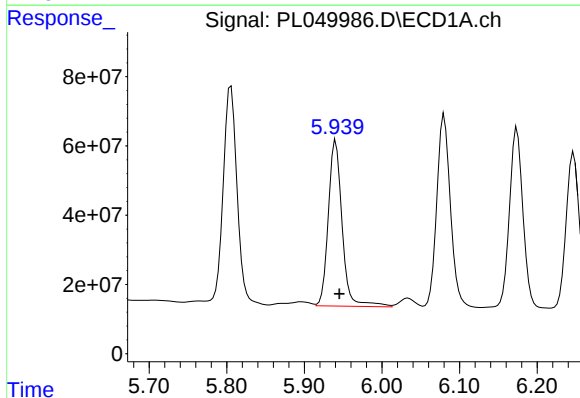
R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 686281606
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



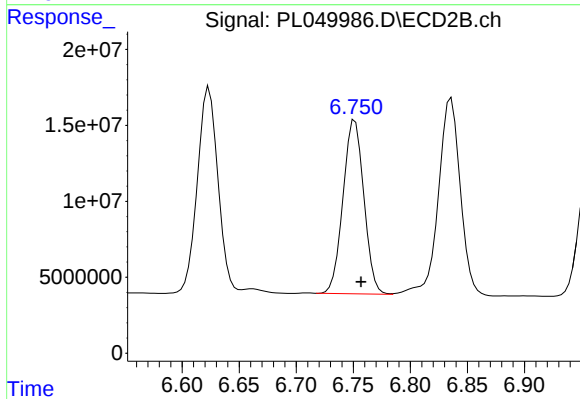
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: -0.005 min
Response: 173375521
Conc: 53.83 ng/ml



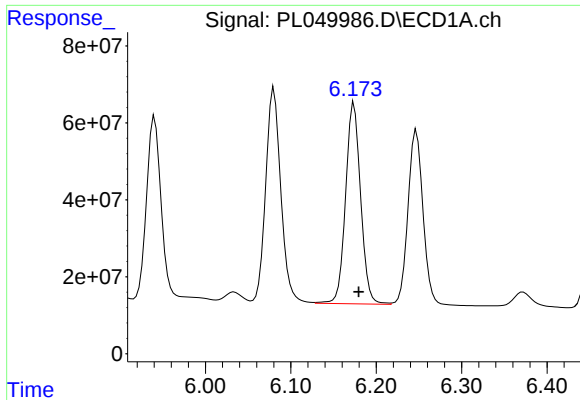
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 594070327
Conc: 47.06 ng/ml



#16 4,4'-DDD

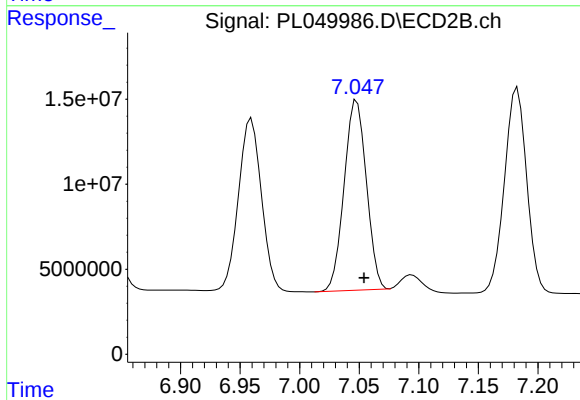
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 145487372
Conc: 55.65 ng/ml



#17 4,4'-DDT

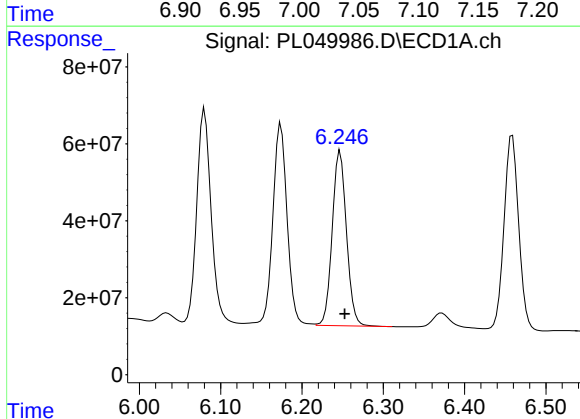
R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 639899077
Conc: 48.20 ng/ml

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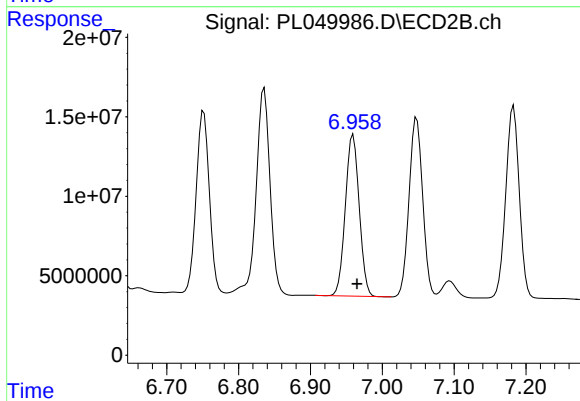
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 145250004
Conc: 49.59 ng/ml



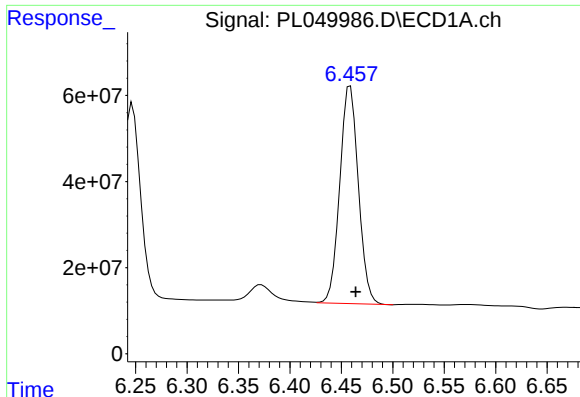
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 553477201
Conc: 46.86 ng/ml



#18 Endrin aldehyde

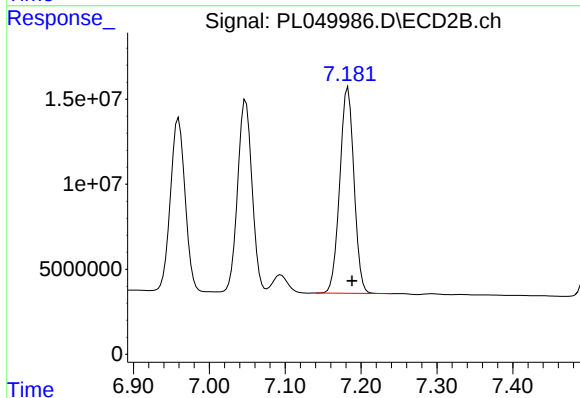
R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 136091085
Conc: 49.55 ng/ml



#19 Endosulfan Sulfate

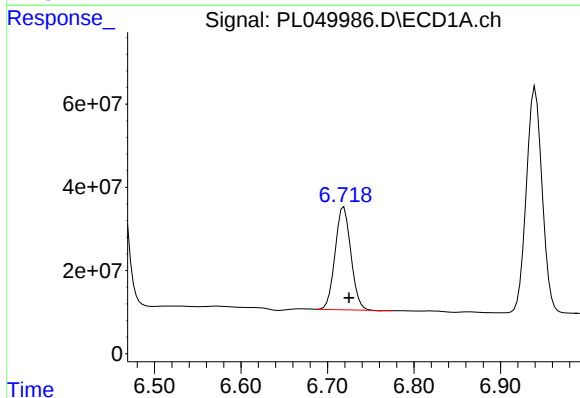
R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 635926828
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME



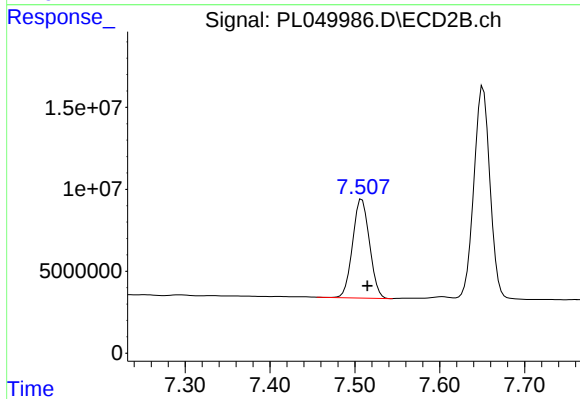
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: -0.005 min
Response: 157841289
Conc: 52.45 ng/ml



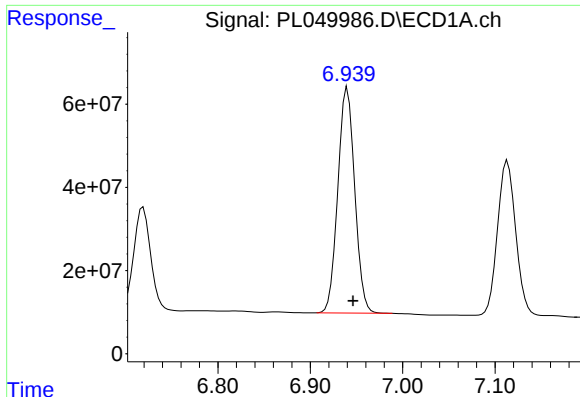
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 310734831
Conc: 47.67 ng/ml



#20 Methoxychlor

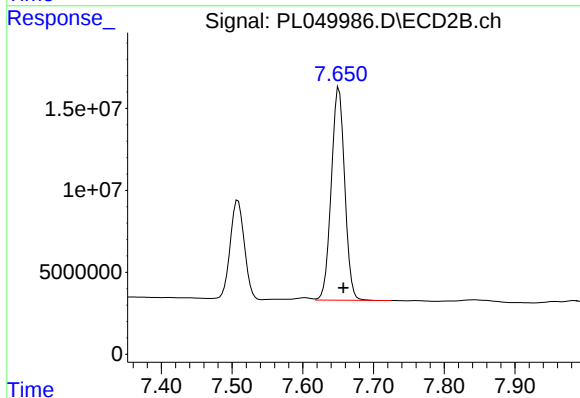
R.T.: 7.508 min
Delta R.T.: -0.006 min
Response: 83454196
Conc: 50.07 ng/ml



#21 Endrin ketone

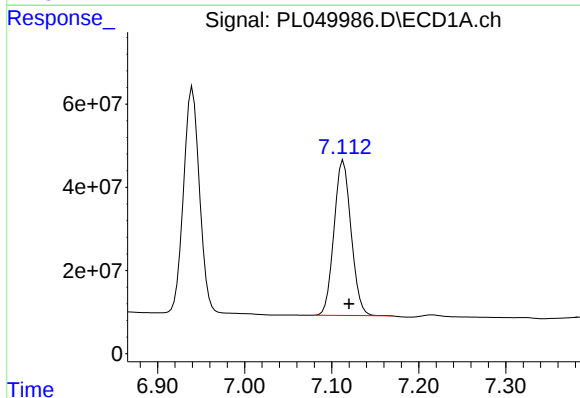
R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 689881198
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



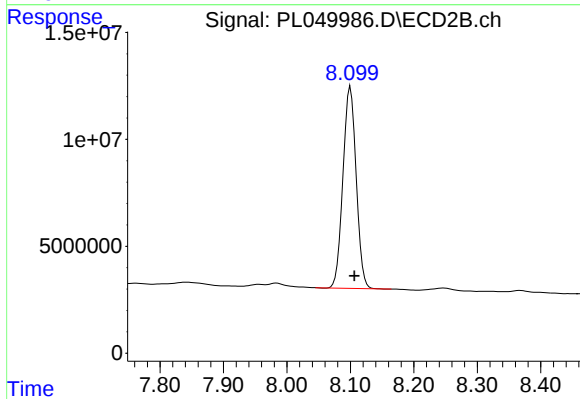
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 171131775
Conc: 54.92 ng/ml



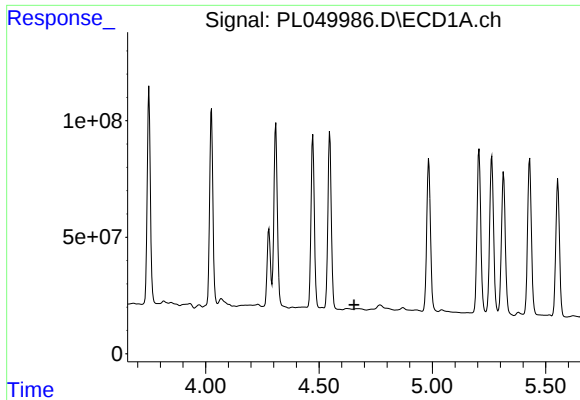
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 509146973
Conc: 49.26 ng/ml



#22 Mirex

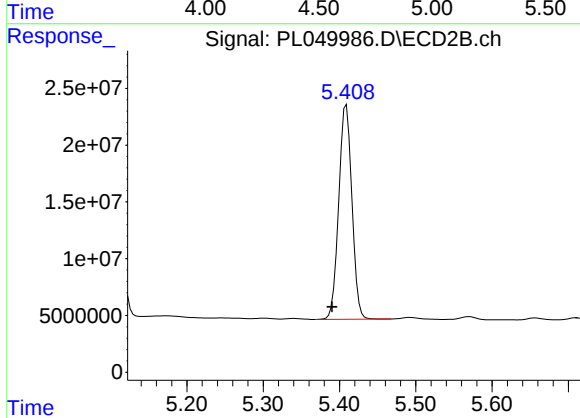
R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 136548706
Conc: 54.00 ng/ml



#24 Chlordane-2

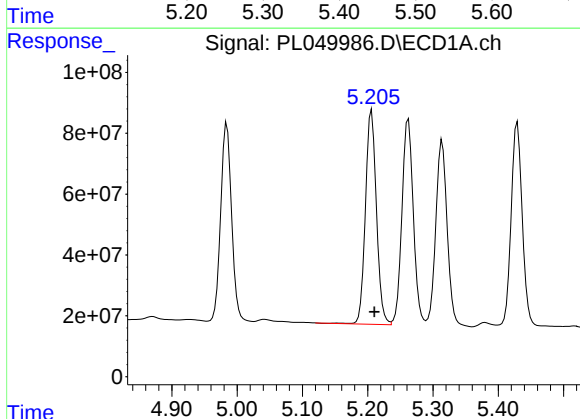
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



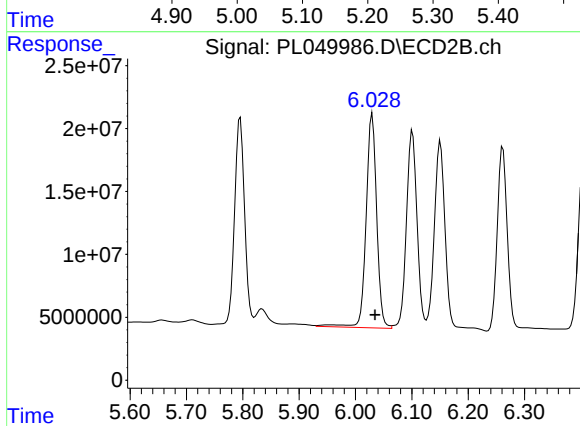
#24 Chlordane-2

R.T.: 5.409 min
Delta R.T.: 0.019 min
Response: 226319473
Conc: 1456.93 ng/ml



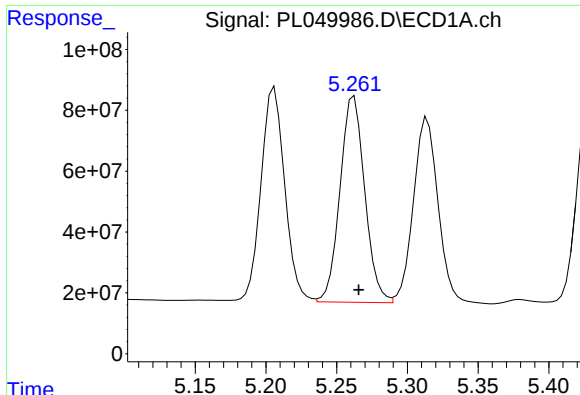
#25 Chlordane-3

R.T.: 5.206 min
Delta R.T.: -0.005 min
Response: 823619240
Conc: 438.51 ng/ml



#25 Chlordane-3

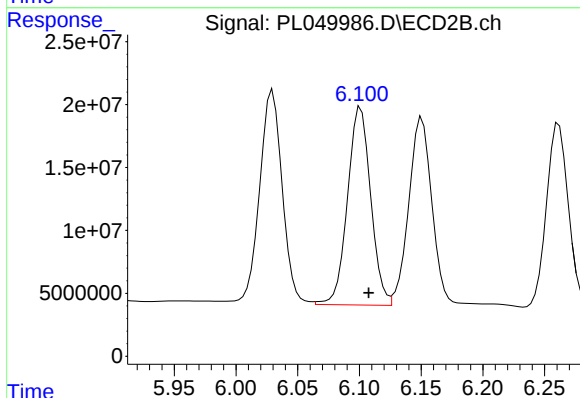
R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 222437984
Conc: 447.00 ng/ml



#26 Chlordane-4

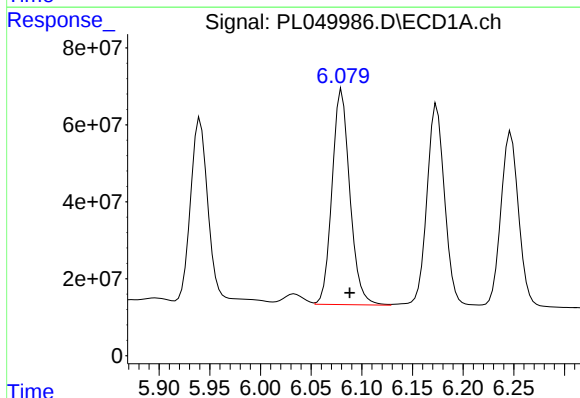
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 824192084
Conc: 472.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME



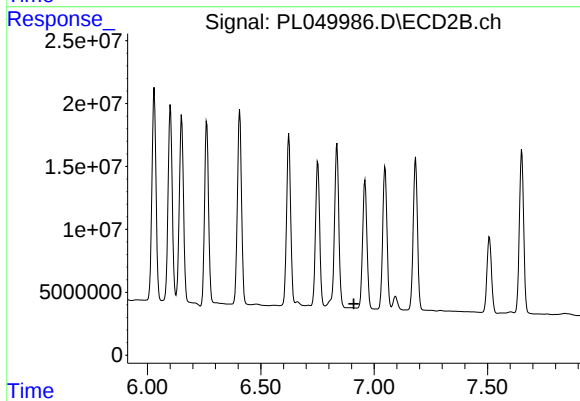
#26 Chlordane-4

R.T.: 6.101 min
Delta R.T.: -0.006 min
Response: 206382555
Conc: 347.24 ng/ml



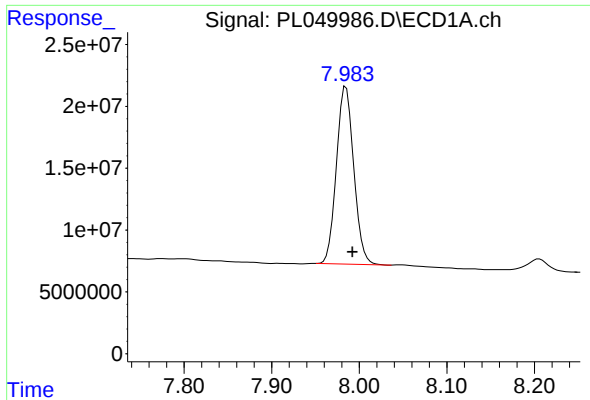
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 686281606
Conc: 1222.87 ng/ml



#27 Chlordane-5

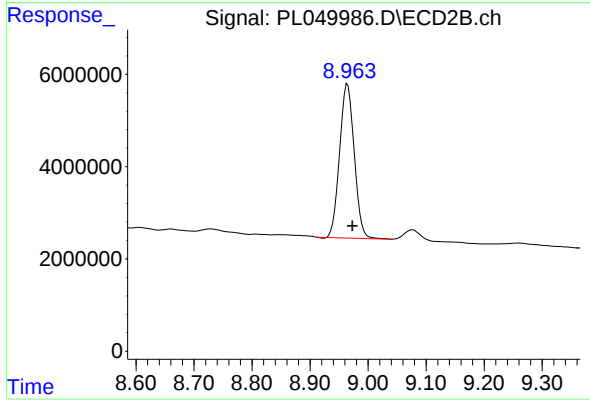
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 197743587
Conc: 15.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME



#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 58533033
Conc: 17.44 ng/ml