

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 19:15
 Operator : AR\AJ
 Sample : 01409-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

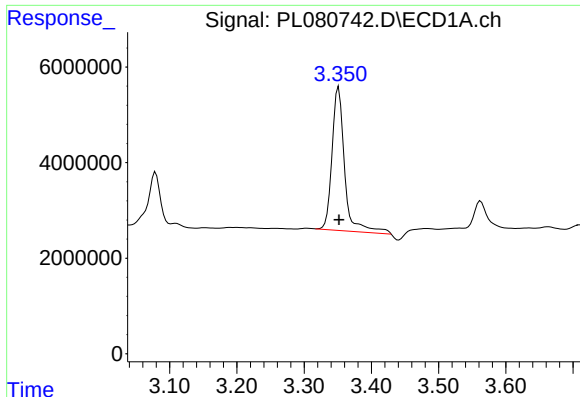
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:03:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.351	2.689	38733344	45545329	18.059	20.736
28)	SA Decachlor...	8.788	7.834	31019698	33356079	17.718	14.000
Target Compounds							
2)	A alpha-BHC	3.800	3.189	124.7E6	114.7E6	39.369	36.071
3)	MA gamma-BHC...	4.128	3.517	115.3E6	107.9E6	39.236	36.121
4)	MA Heptachlor	4.712	3.858	113.4E6	112.4E6	38.373	35.306
5)	MB Aldrin	5.050	4.137	104.0E6	102.9E6	38.022	34.883
6)	B beta-BHC	4.324	3.814	50900131	48688975	37.289	36.481
7)	B delta-BHC	4.568	4.043	105.1E6	100.9E6	36.320	34.996
8)	B Heptachlo...	5.475	4.640	97930256	94257688	37.854	33.877
9)	A Endosulfan I	5.857	5.009	90346411	85377280	38.259	32.821
10)	B gamma-Chl...	5.729	4.890	96105575	91105237	38.051	32.145
11)	B alpha-Chl...	5.809	4.955	94967539	92731644	37.622	32.371
12)	B 4,4'-DDE	5.987	5.147	82676931	81999831	37.119	34.763
13)	MA Dieldrin	6.131	5.274	89720883	89626872	37.487	33.134
14)	MA Endrin	6.358	5.549	81126998	78990746	37.512	34.031
15)	B Endosulfa...	6.577	5.843	73343475	71558111	31.995	34.341
16)	A 4,4'-DDD	6.501	5.701	69369487	64765830	37.866	34.465
17)	MA 4,4'-DDT	6.814	5.952	86338593	73423719	41.556	34.939
18)	B Endrin al...	6.707	6.022	58766740	60882716	35.329	33.340
19)	B Endosulfa...	6.940	6.246	77326173	80554232	37.357	34.637
20)	A Methoxychlor	7.293	6.530	40168954	42784947	36.408	35.258
21)	B Endrin ke...	7.420	6.750	79883809	84698732	36.206	33.173
22)	Mirex	7.892	6.934	63665057	74883970	37.019	32.891
23)	Chlordane-1	0.000	3.693	0	444198	N.D.	5.455 #
24)	Chlordane-2	5.050f	4.268	104.0E6	43316	1078.500	0.480 #
25)	Chlordane-3	5.729	4.890	96105575	91105237	284.411	345.429
26)	Chlordane-4	5.809	4.955	94967539	92731644	220.130	344.346 #
27)	Chlordane-5	0.000	5.628	0	1166176	N.D.	16.389 #

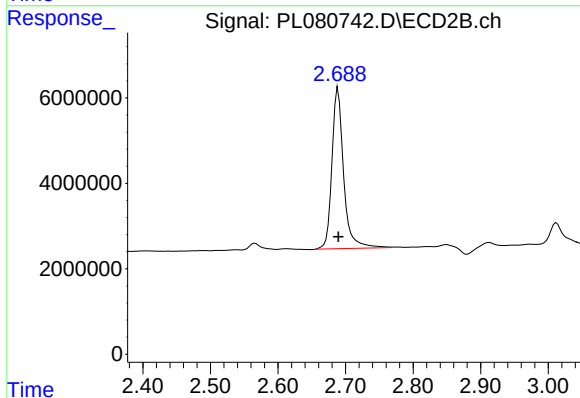
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

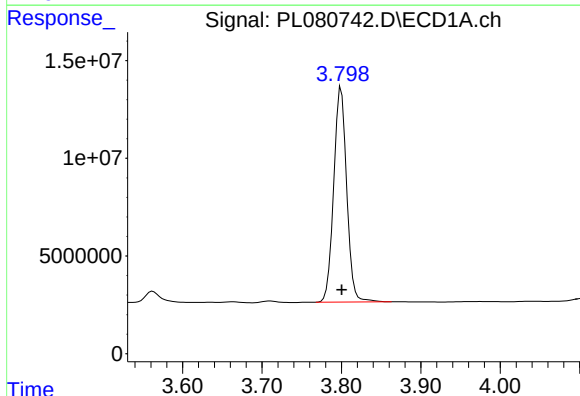
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 38733344
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



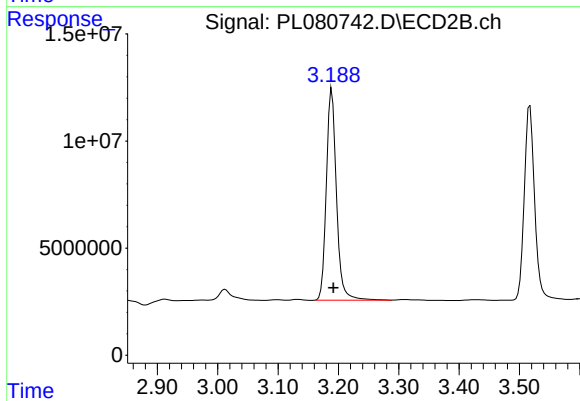
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 45545329
Conc: 20.74 ng/ml



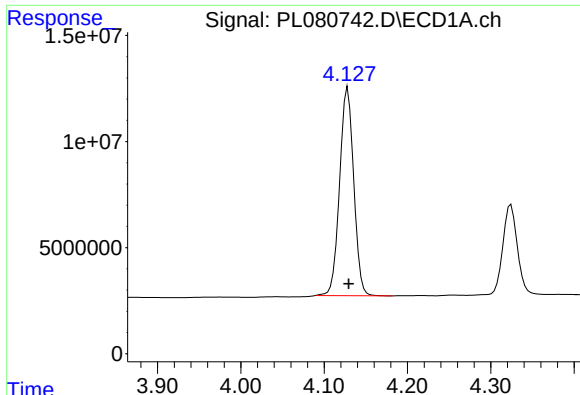
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 124723549
Conc: 39.37 ng/ml



#2 alpha-BHC

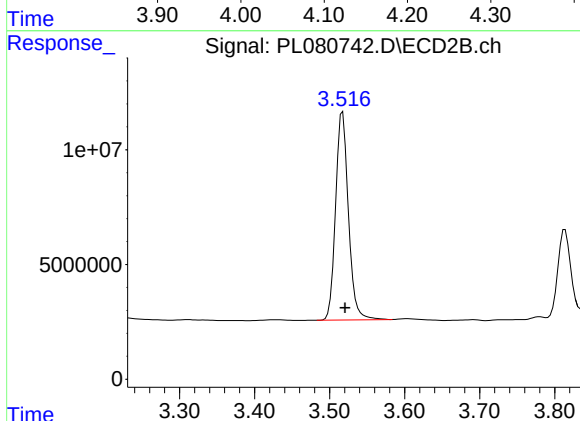
R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 114719715
Conc: 36.07 ng/ml



#3 gamma-BHC (Lindane)

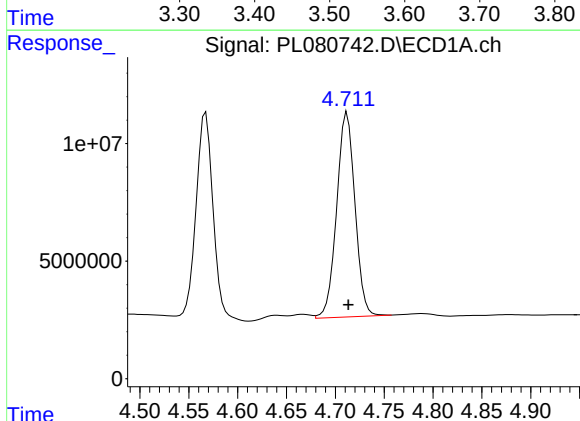
R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 115345693
Conc: 39.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



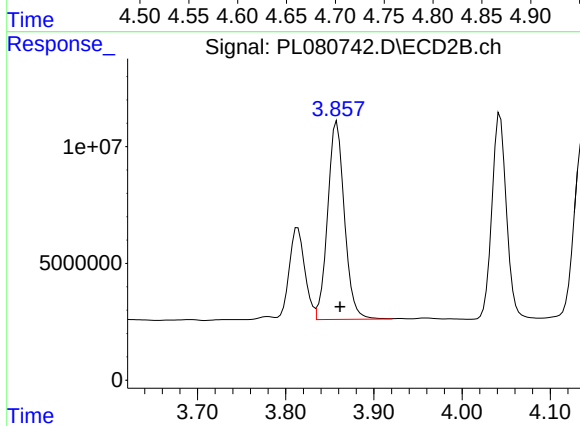
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 107905267
Conc: 36.12 ng/ml



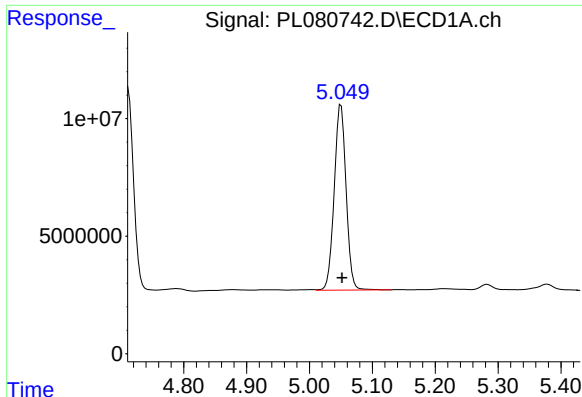
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 113401009
Conc: 38.37 ng/ml



#4 Heptachlor

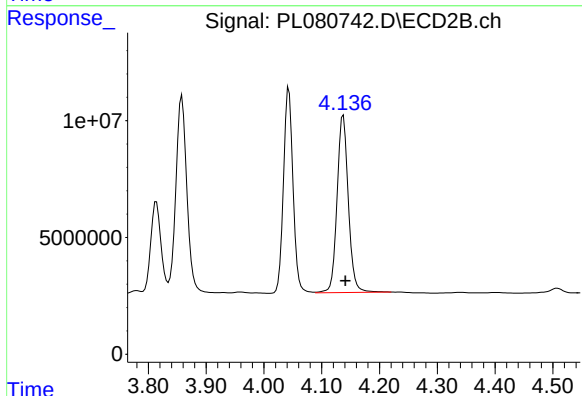
R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 112357015
Conc: 35.31 ng/ml



#5 Aldrin

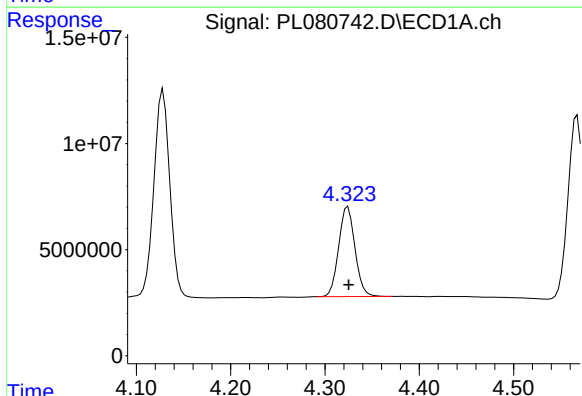
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 104020760
Conc: 38.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



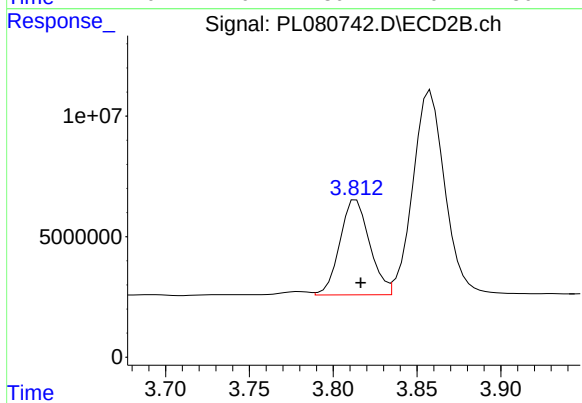
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 102890260
Conc: 34.88 ng/ml



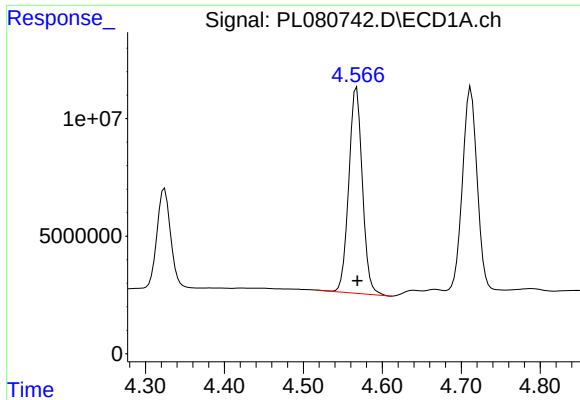
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 50900131
Conc: 37.29 ng/ml



#6 beta-BHC

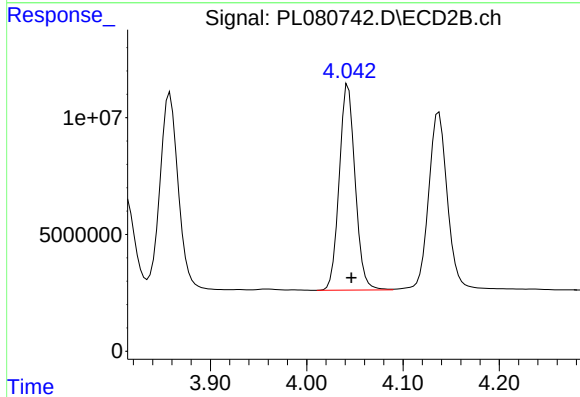
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 48688975
Conc: 36.48 ng/ml



#7 delta-BHC

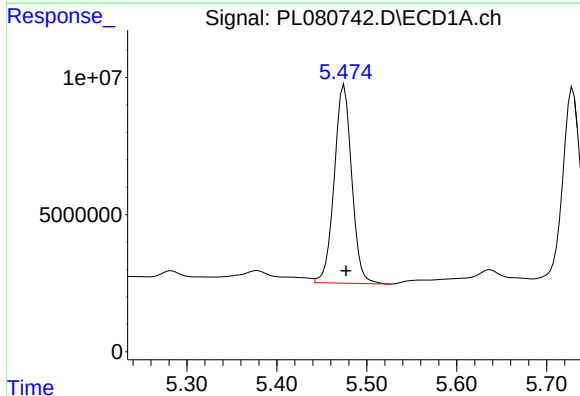
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 105146666
Conc: 36.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



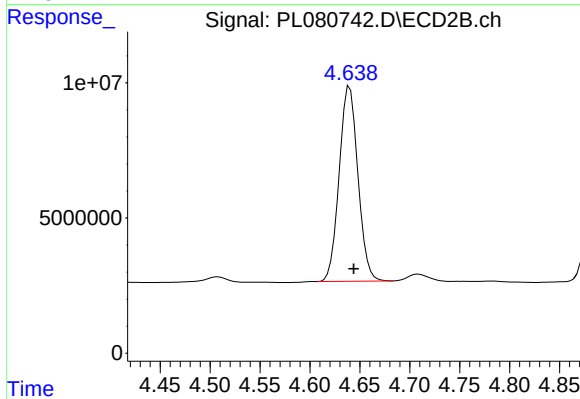
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 100943706
Conc: 35.00 ng/ml



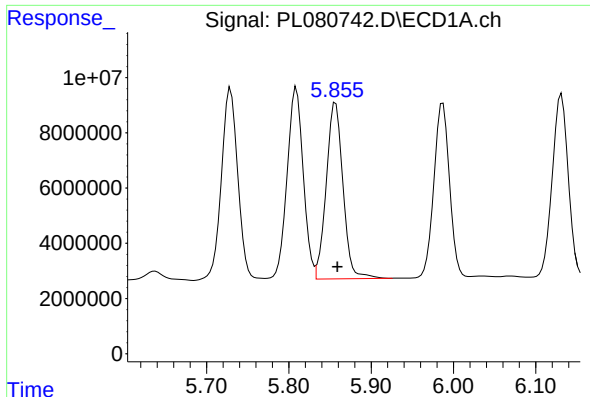
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 97930256
Conc: 37.85 ng/ml



#8 Heptachlor epoxide

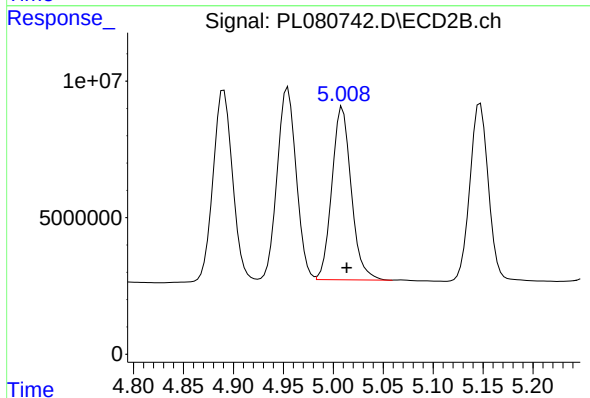
R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 94257688
Conc: 33.88 ng/ml



#9 Endosulfan I

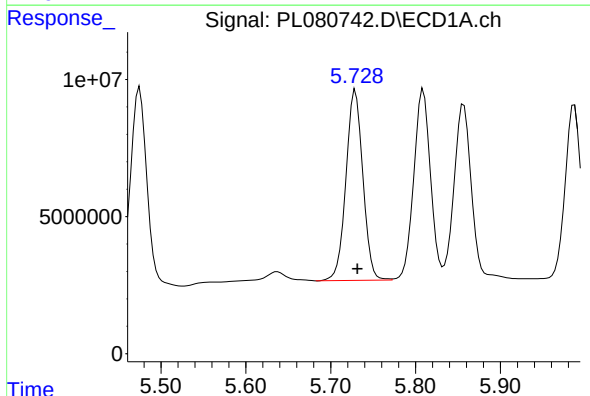
R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 90346411
Conc: 38.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



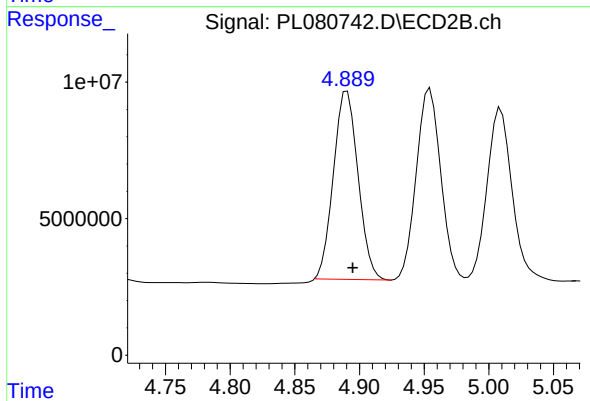
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 85377280
Conc: 32.82 ng/ml



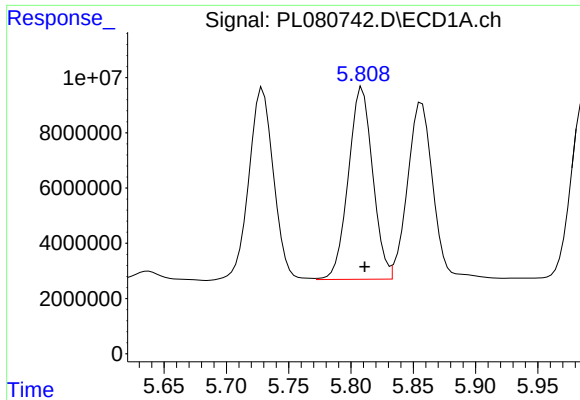
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 96105575
Conc: 38.05 ng/ml



#10 gamma-Chlordane

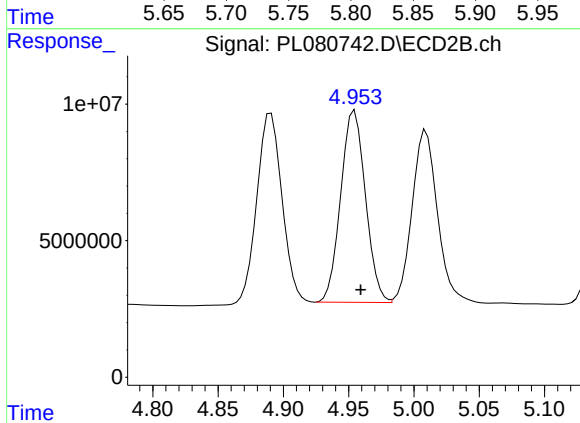
R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 91105237
Conc: 32.14 ng/ml



#11 alpha-Chlordane

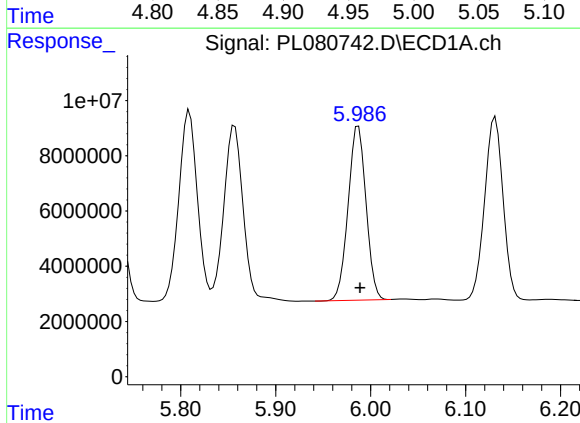
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 94967539
Conc: 37.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



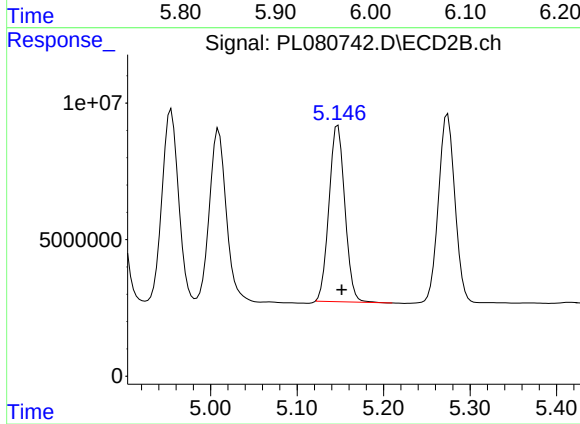
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 92731644
Conc: 32.37 ng/ml



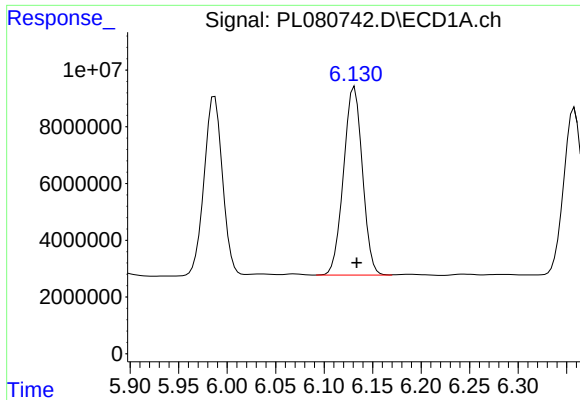
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 82676931
Conc: 37.12 ng/ml



#12 4,4'-DDE

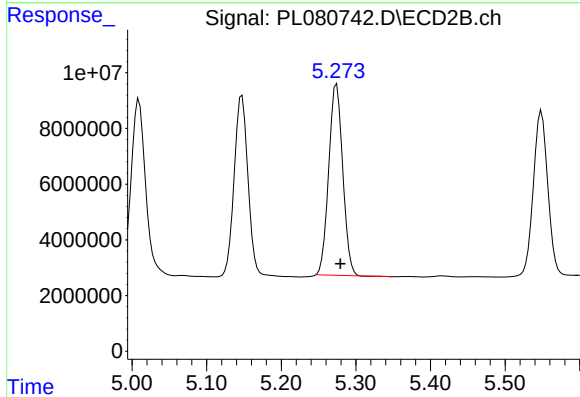
R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 81999831
Conc: 34.76 ng/ml



#13 Dieldrin

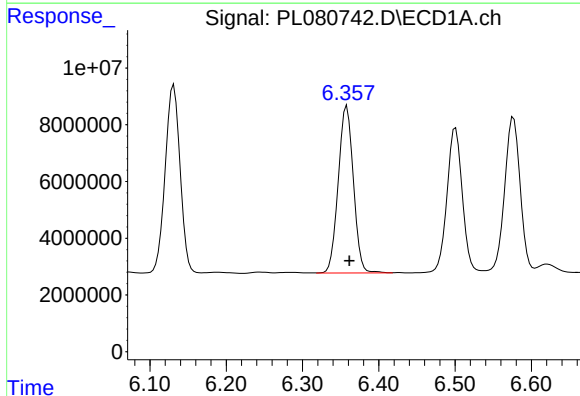
R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 89720883
Conc: 37.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



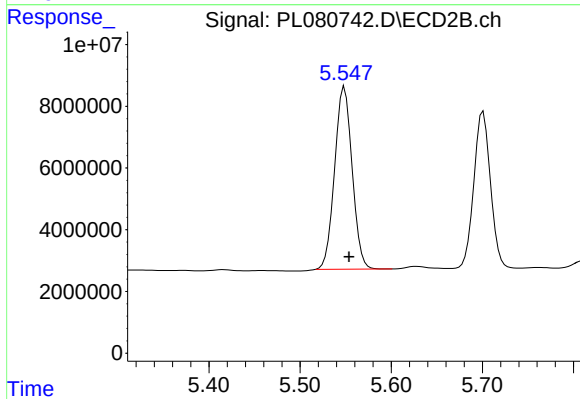
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 89626872
Conc: 33.13 ng/ml



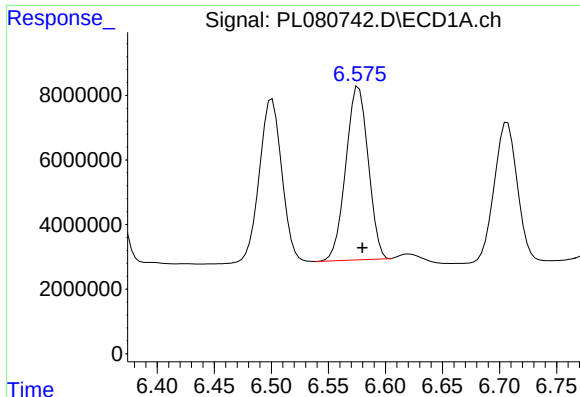
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 81126998
Conc: 37.51 ng/ml



#14 Endrin

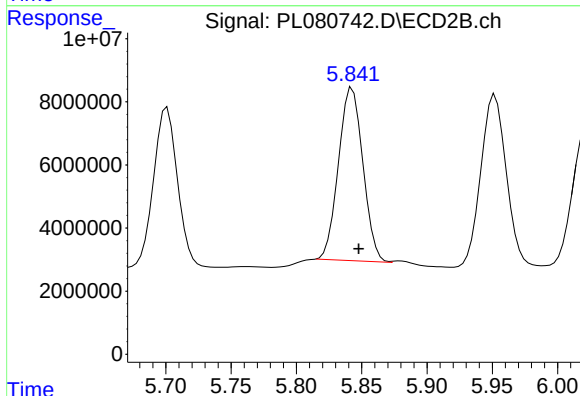
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 78990746
Conc: 34.03 ng/ml



#15 Endosulfan II

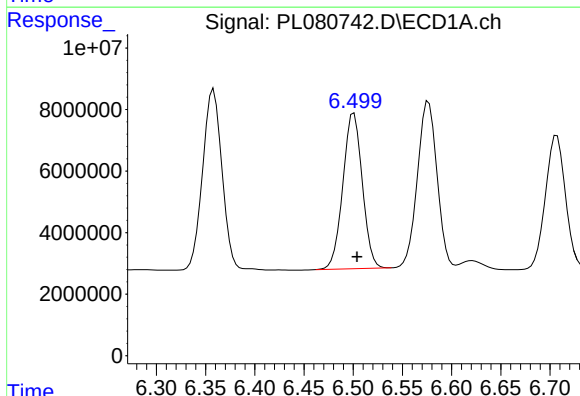
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 73343475
Conc: 32.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



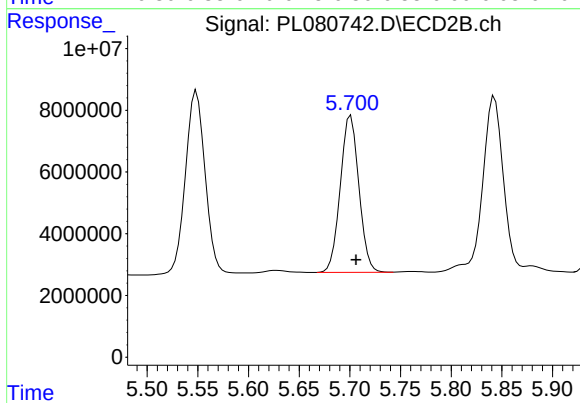
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 71558111
Conc: 34.34 ng/ml



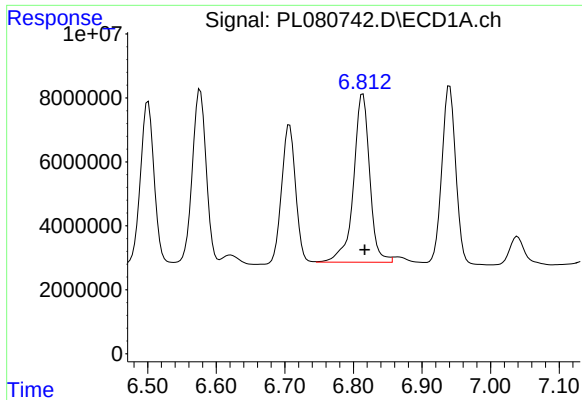
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 69369487
Conc: 37.87 ng/ml



#16 4,4'-DDD

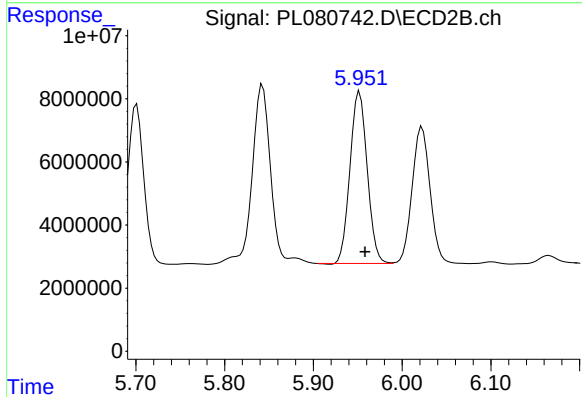
R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 64765830
Conc: 34.46 ng/ml



#17 4,4'-DDT

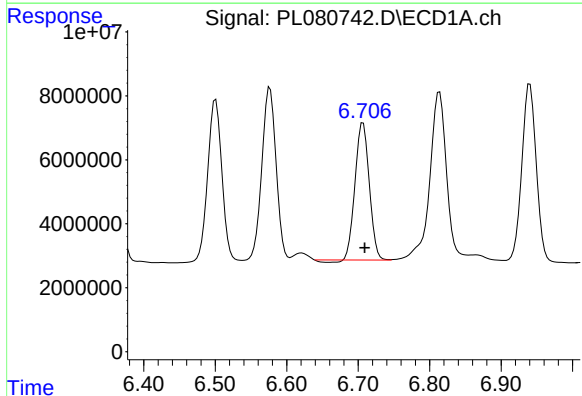
R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 86338593
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



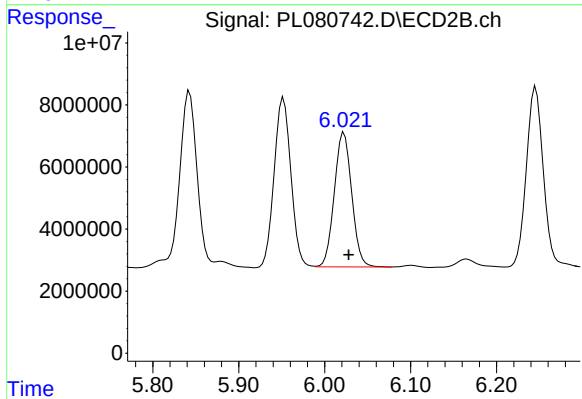
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 73423719
Conc: 34.94 ng/ml



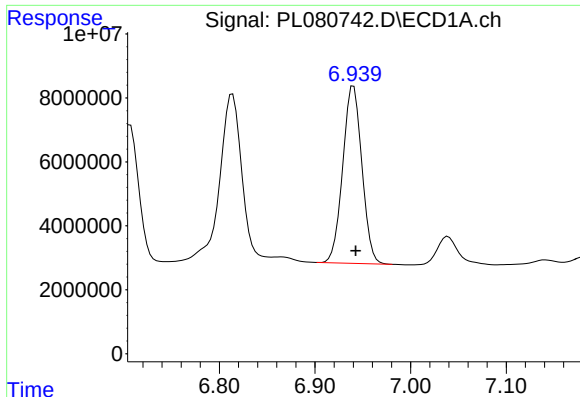
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 58766740
Conc: 35.33 ng/ml



#18 Endrin aldehyde

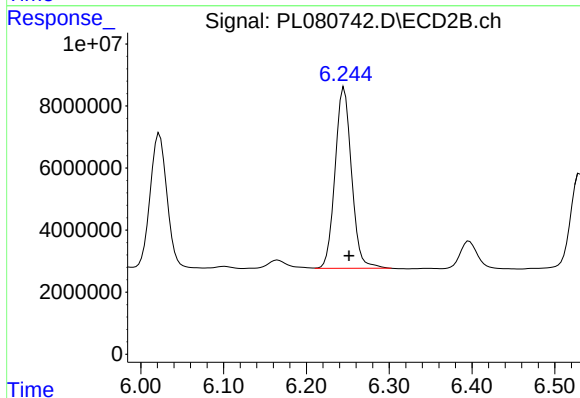
R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 60882716
Conc: 33.34 ng/ml



#19 Endosulfan Sulfate

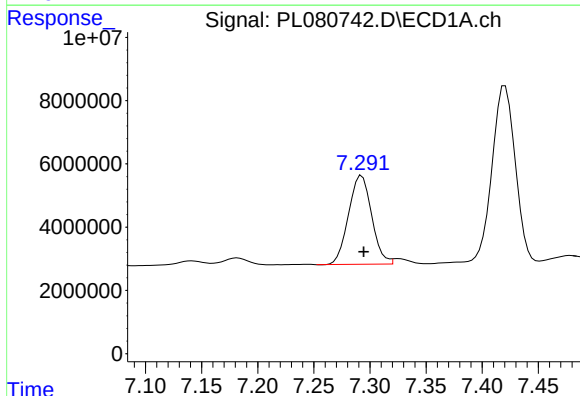
R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 77326173
Conc: 37.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



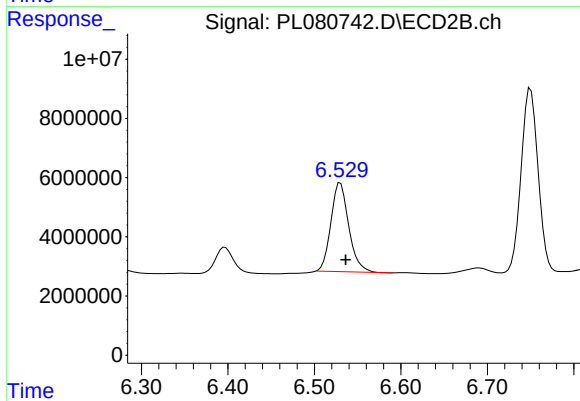
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 80554232
Conc: 34.64 ng/ml



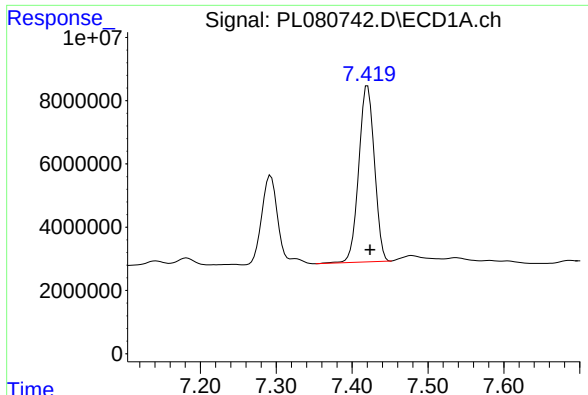
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 40168954
Conc: 36.41 ng/ml



#20 Methoxychlor

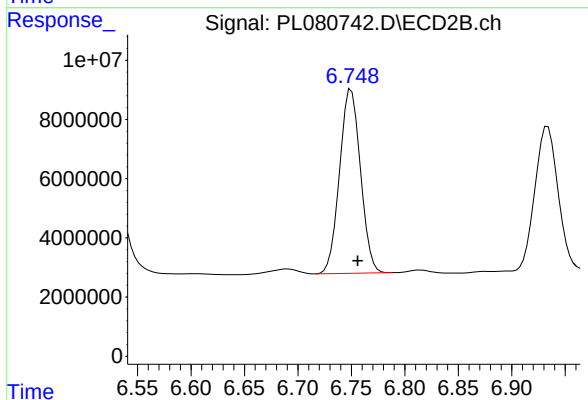
R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 42784947
Conc: 35.26 ng/ml



#21 Endrin ketone

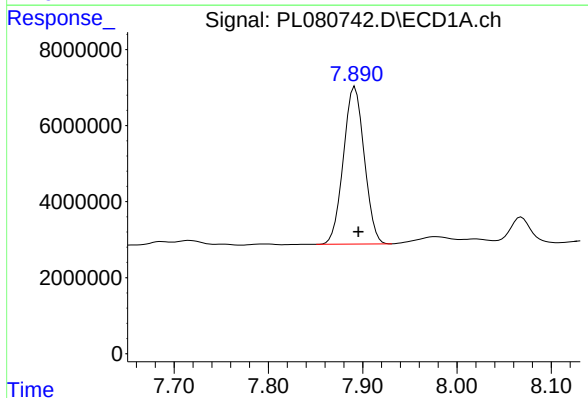
R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 79883809
Conc: 36.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



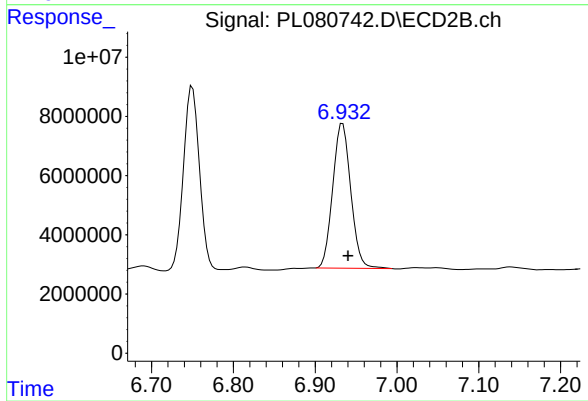
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 84698732
Conc: 33.17 ng/ml



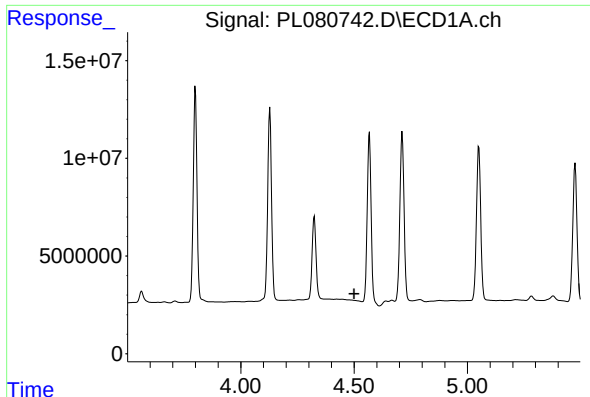
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 63665057
Conc: 37.02 ng/ml



#22 Mirex

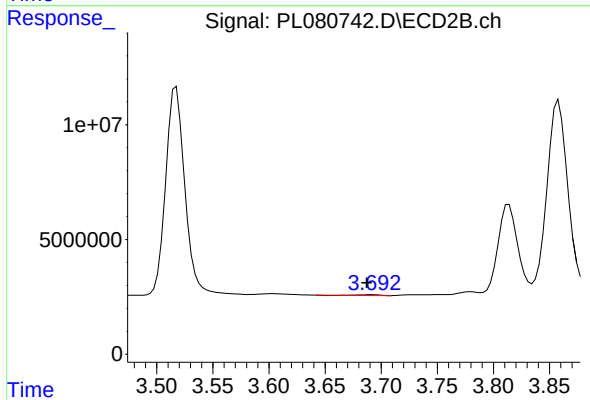
R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 74883970
Conc: 32.89 ng/ml



#23 Chlordane-1

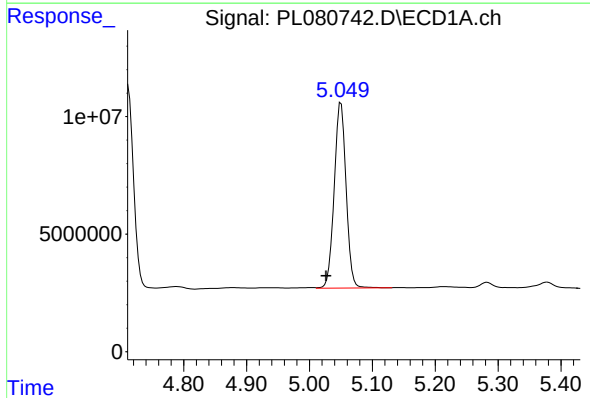
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



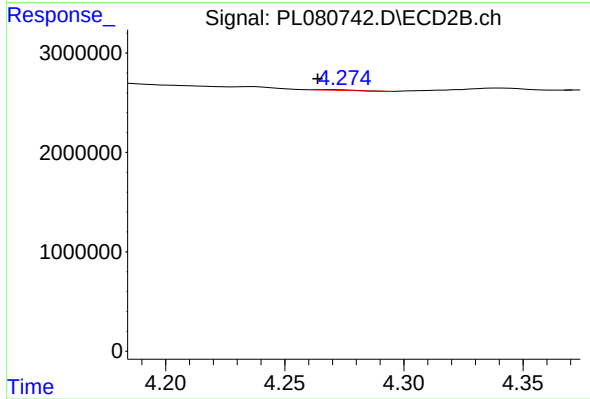
#23 Chlordane-1

R.T.: 3.693 min
Delta R.T.: 0.006 min
Response: 444198
Conc: 5.46 ng/ml



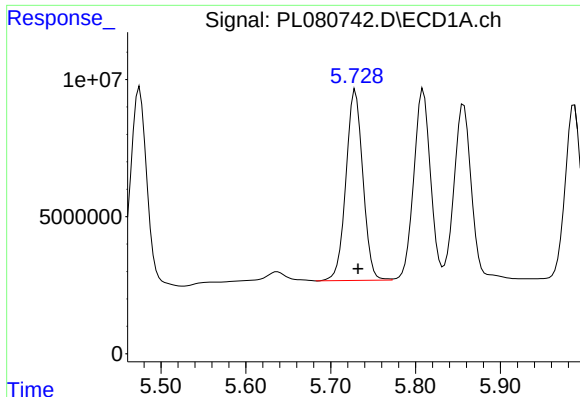
#24 Chlordane-2

R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 104020760
Conc: 1078.50 ng/ml



#24 Chlordane-2

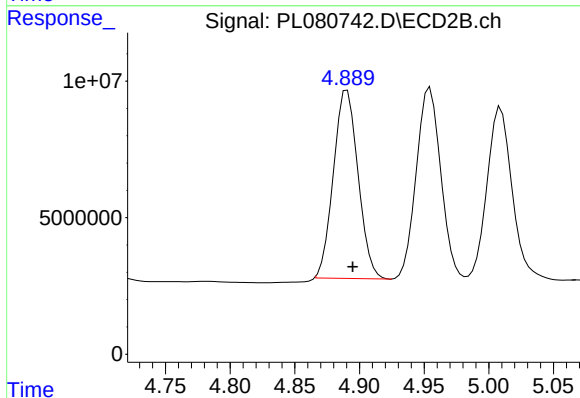
R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 43316
Conc: 0.48 ng/ml



#25 Chlordane-3

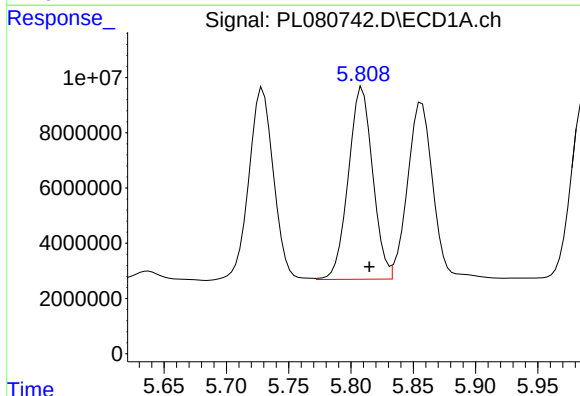
R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 96105575
Conc: 284.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



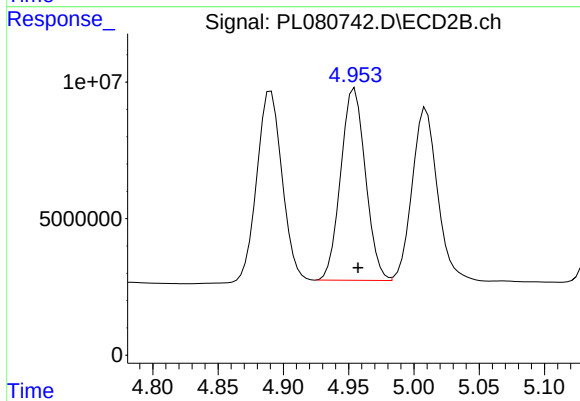
#25 Chlordane-3

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 91105237
Conc: 345.43 ng/ml



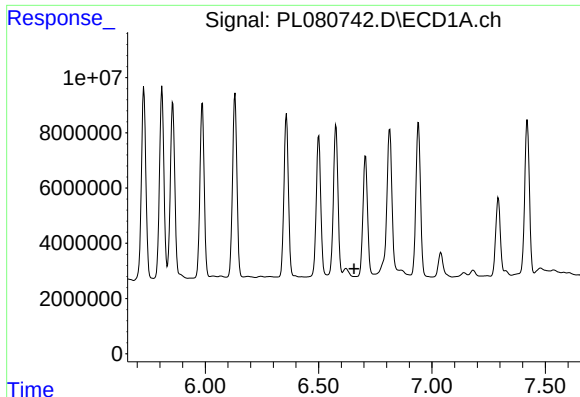
#26 Chlordane-4

R.T.: 5.809 min
Delta R.T.: -0.006 min
Response: 94967539
Conc: 220.13 ng/ml



#26 Chlordane-4

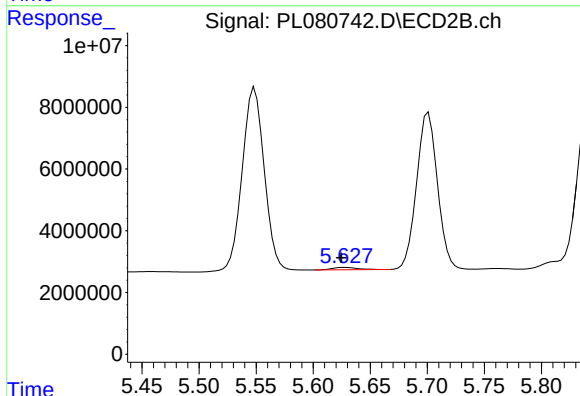
R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 92731644
Conc: 344.35 ng/ml



#27 Chlordane-5

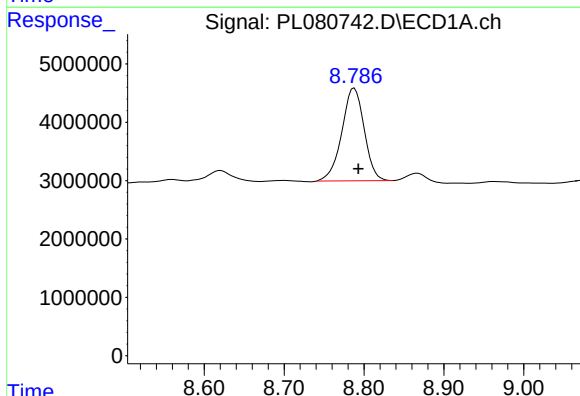
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



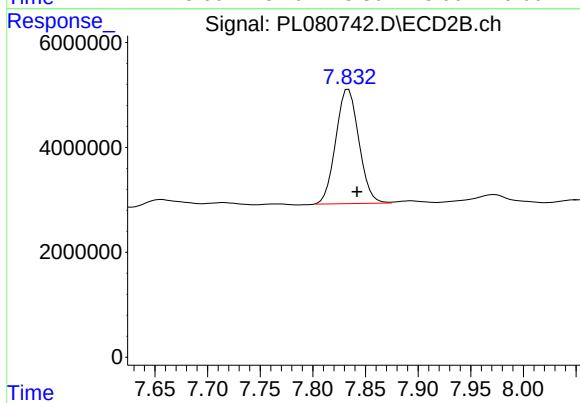
#27 Chlordane-5

R.T.: 5.628 min
Delta R.T.: 0.003 min
Response: 1166176
Conc: 16.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 31019698
Conc: 17.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 33356079
Conc: 14.00 ng/ml