

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042623\
 Data File : PL082344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2023 15:04
 Operator : AR\AJ
 Sample : 02491-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 21:35:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.647	47906284	40209125	17.934	17.356
28)	SA Decachlor...	8.740	7.757	32599093	34210586	17.076	14.988
Target Compounds							
2)	A alpha-BHC	3.772	3.145	166.4E6	137.1E6	41.794	40.292
3)	MA gamma-BHC...	4.100	3.472	162.6E6	136.0E6	43.483	42.309
4)	MA Heptachlor	4.678	3.804	151.7E6	135.5E6	41.509	39.568
5)	MB Aldrin	5.015	4.080	147.0E6	134.5E6	44.578	42.699
6)	B beta-BHC	4.303	3.771	72238409	57496520	42.356	42.140
7)	B delta-BHC	4.544	3.998	137.9E6	113.0E6	38.320	36.844
8)	B Heptachlo...	5.441	4.582	130.9E6	121.8E6	42.923	42.267
9)	A Endosulfan I	5.822	4.949	116.1E6	110.9E6	41.879	41.526
10)	B gamma-Chl...	5.695	4.831	127.7E6	121.1E6	42.464	41.726
11)	B alpha-Chl...	5.773	4.893	125.4E6	121.2E6	42.032	41.749
12)	B 4,4'-DDE	5.952	5.084	113.1E6	102.0E6	44.485	44.370
13)	MA Dieldrin	6.096	5.213	126.0E6	118.7E6	45.678	43.945
14)	MA Endrin	6.323	5.487	100.3E6	96900913	41.379	39.617
15)	B Endosulfa...	6.545	5.784	101.2E6	99771498	41.569	44.262
16)	A 4,4'-DDD	6.467	5.639	93266231	85166375	46.007	45.534
17)	MA 4,4'-DDT	6.778	5.886	85200022	82311990	37.242	38.963
18)	B Endrin al...	6.675	5.964	84860111	82791370	45.038	44.241
19)	B Endosulfa...	6.909	6.186	99113059	95129235	41.793	40.407
20)	A Methoxychlor	7.259	6.466	48886178	48000275	40.060	39.610
21)	B Endrin ke...	7.389	6.691	108.1E6	108.4E6	45.165	42.719
22)	Mirex	7.853	6.862	80756344	88440713	41.280	38.381
23)	Chlordane-1	0.000	3.614f	0	23943	N.D.	0.270 #
24)	Chlordane-2	5.015f	4.217	147.0E6	1129656	1234.738	10.073 #
25)	Chlordane-3	5.695	4.831	127.7E6	121.1E6	295.766	426.182 #
26)	Chlordane-4	5.773	4.893	125.4E6	121.2E6	241.289	406.126 #
27)	Chlordane-5	0.000	5.784	0	99771498	N.D.	1010.729 #

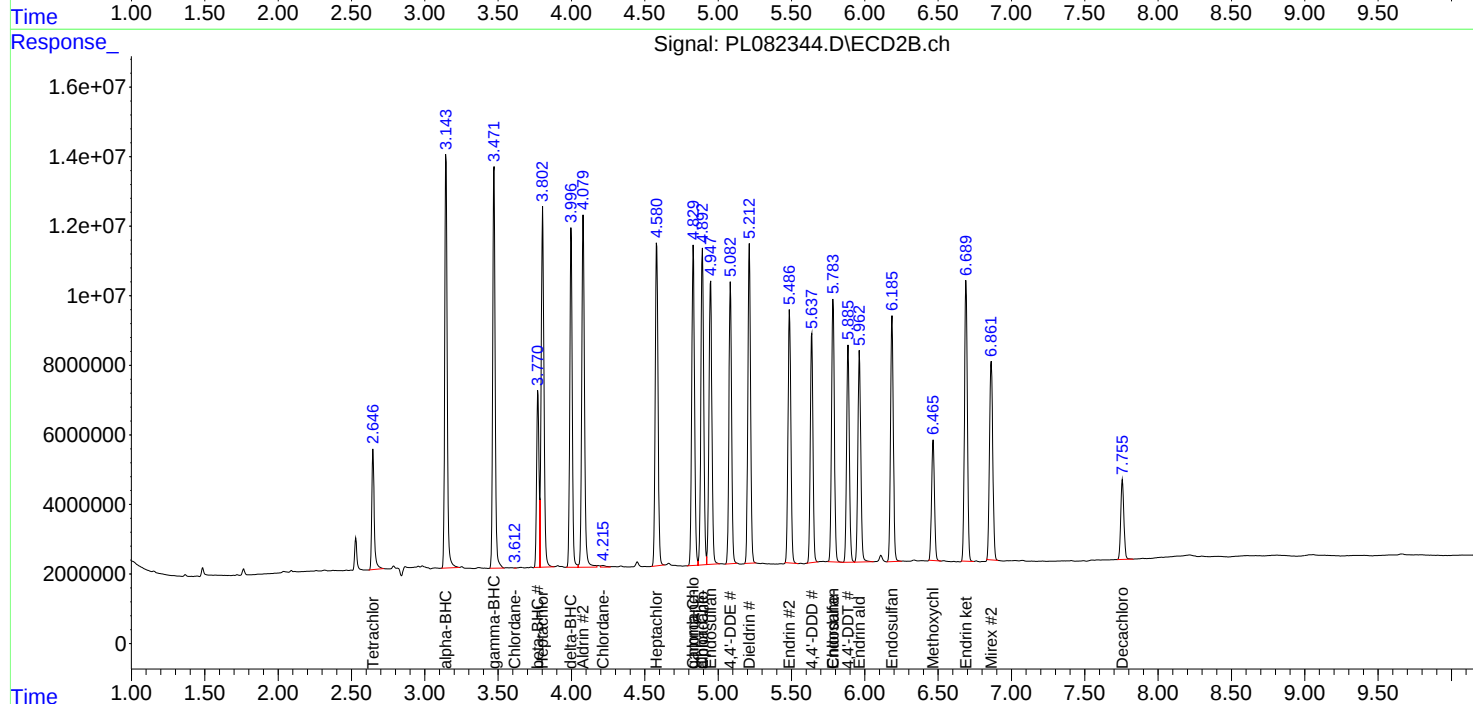
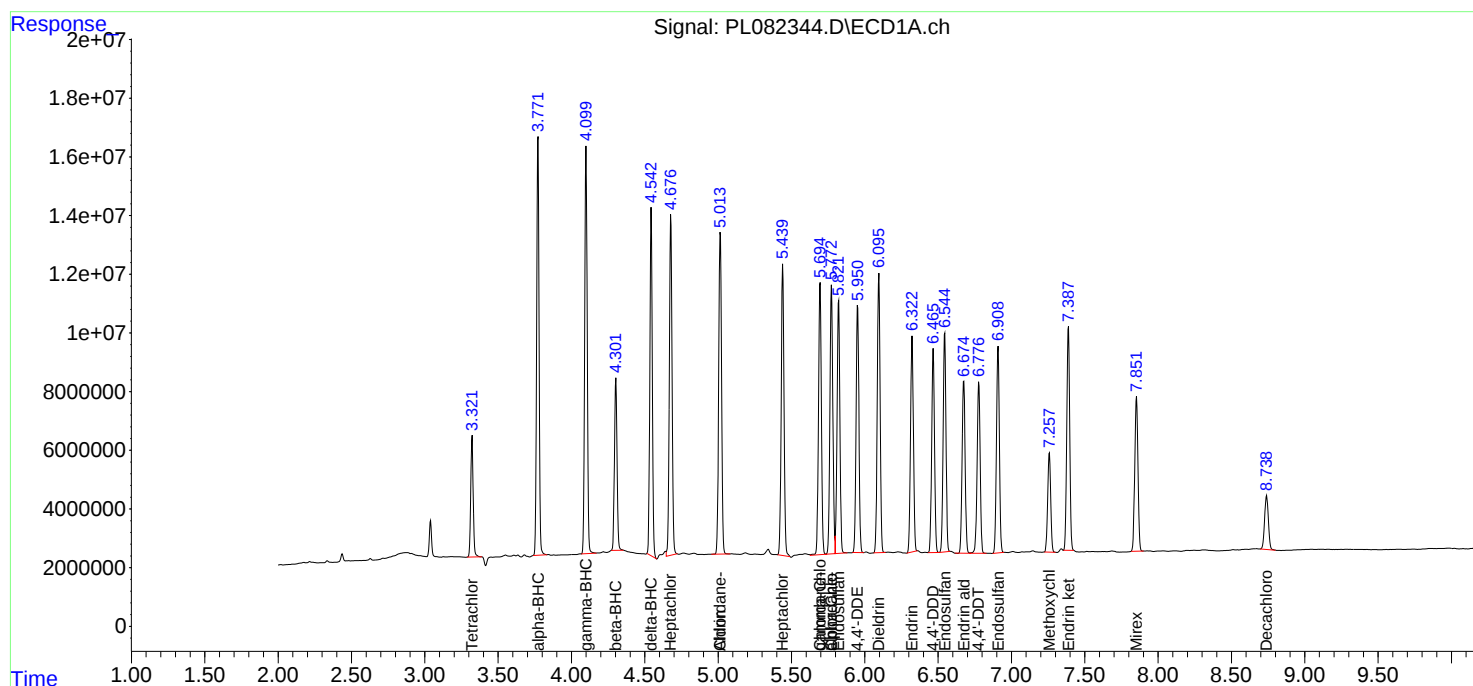
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

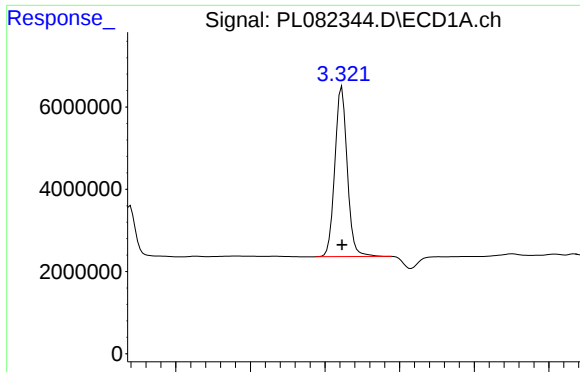
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042623\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

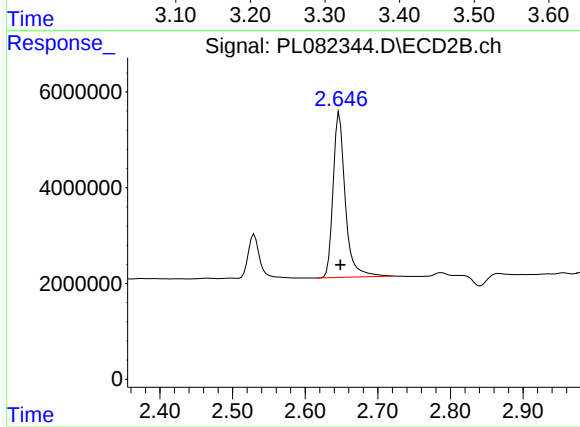




#1 Tetrachloro-m-xylene

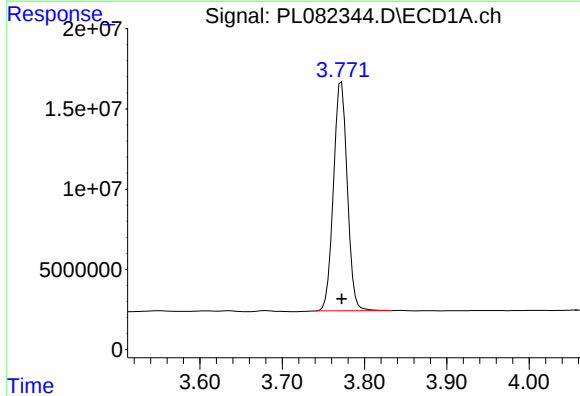
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 47906284
Conc: 17.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



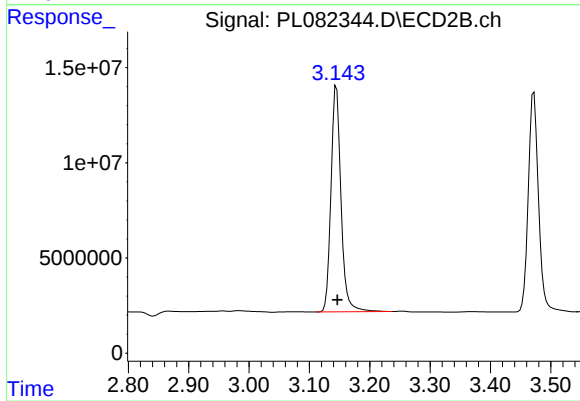
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 40209125
Conc: 17.36 ng/ml



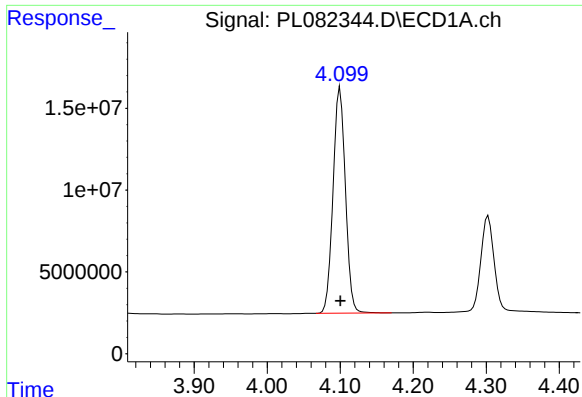
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 166350317
Conc: 41.79 ng/ml



#2 alpha-BHC

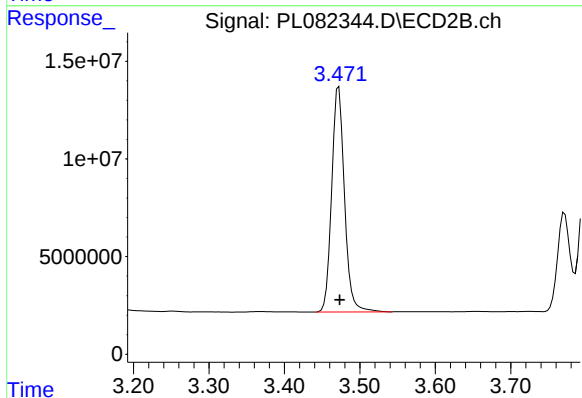
R.T.: 3.145 min
Delta R.T.: -0.001 min
Response: 137134219
Conc: 40.29 ng/ml



#3 gamma-BHC (Lindane)

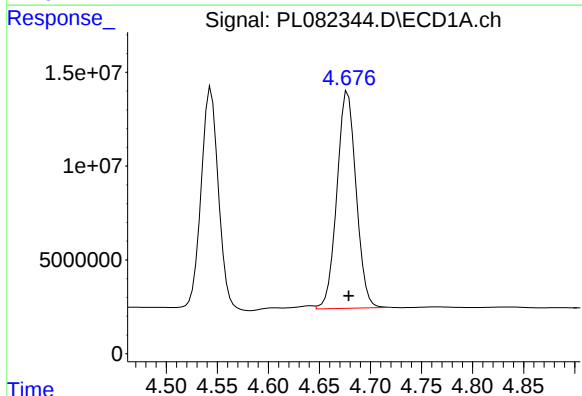
R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 162578159
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



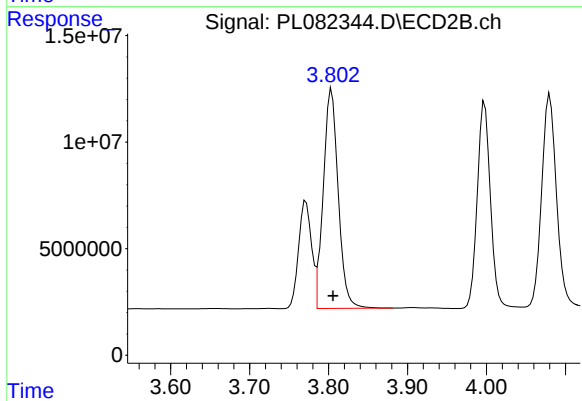
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.001 min
Response: 136036119
Conc: 42.31 ng/ml



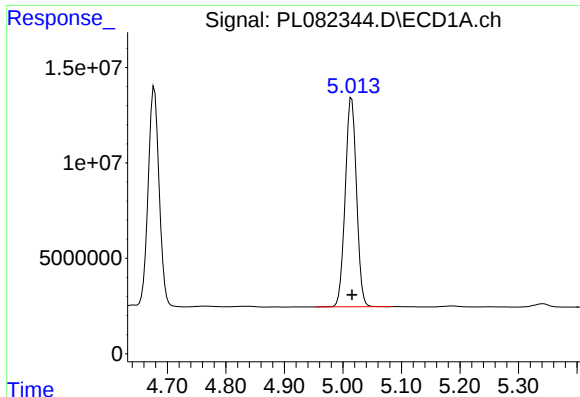
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 151672507
Conc: 41.51 ng/ml



#4 Heptachlor

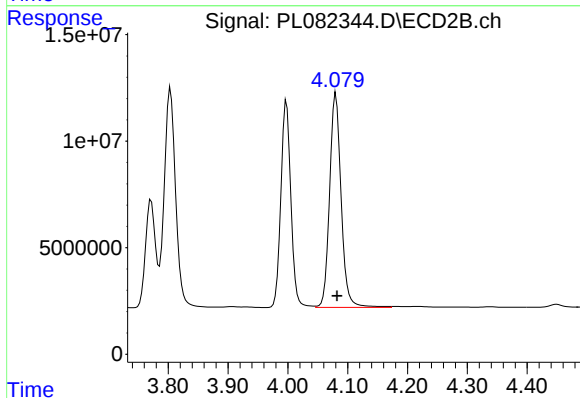
R.T.: 3.804 min
Delta R.T.: -0.002 min
Response: 135452058
Conc: 39.57 ng/ml



#5 Aldrin

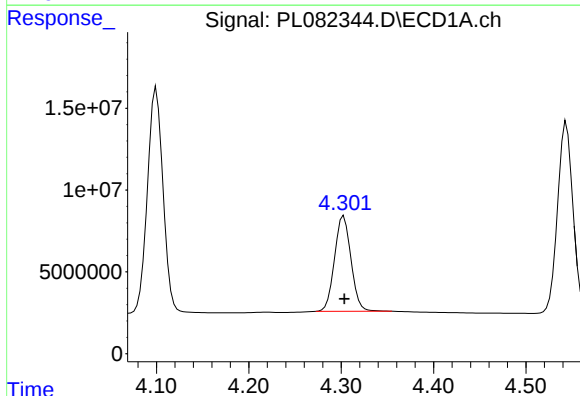
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 146998648
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



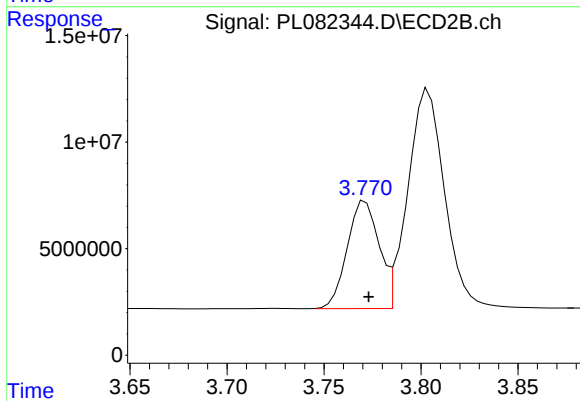
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 134494446
Conc: 42.70 ng/ml



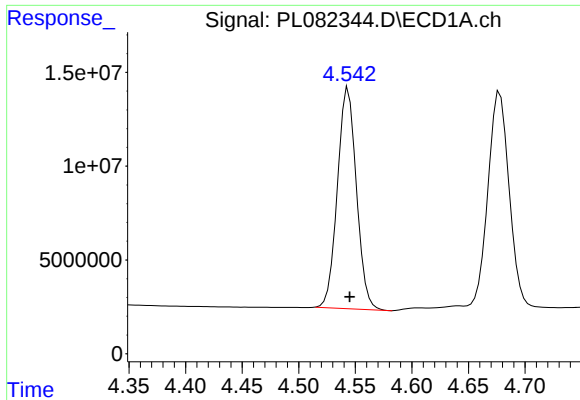
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 72238409
Conc: 42.36 ng/ml



#6 beta-BHC

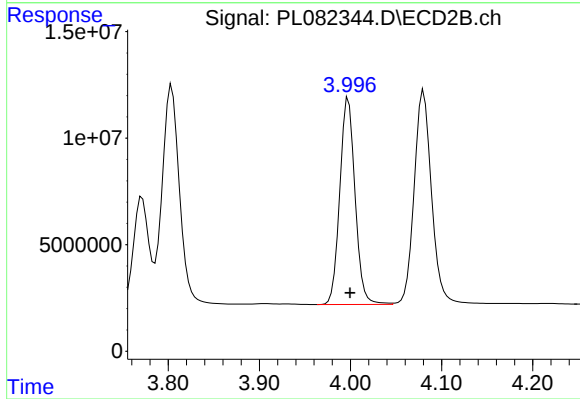
R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 57496520
Conc: 42.14 ng/ml



#7 delta-BHC

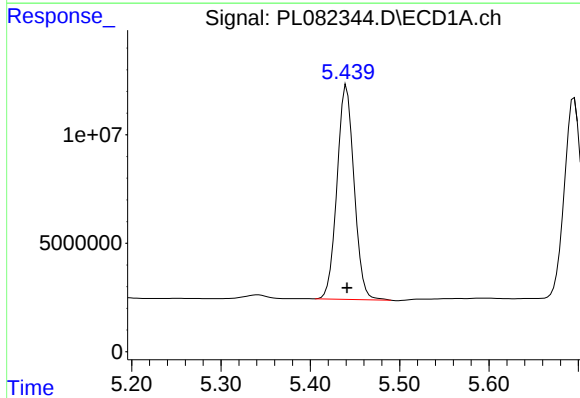
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 137867493
Conc: 38.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



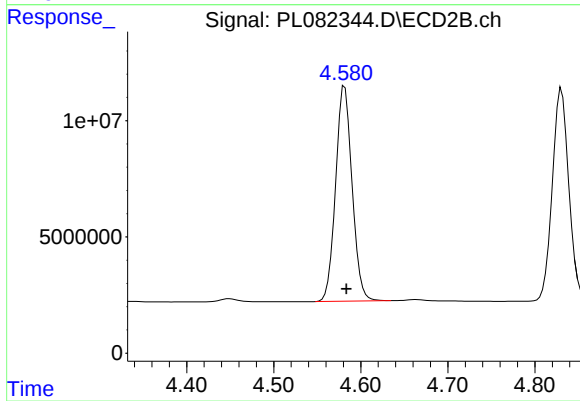
#7 delta-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 113013831
Conc: 36.84 ng/ml



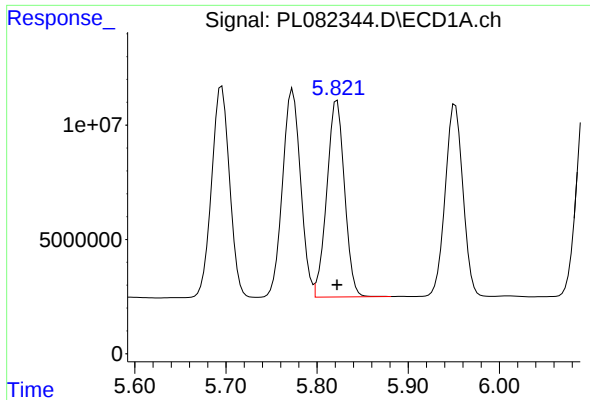
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 130928991
Conc: 42.92 ng/ml



#8 Heptachlor epoxide

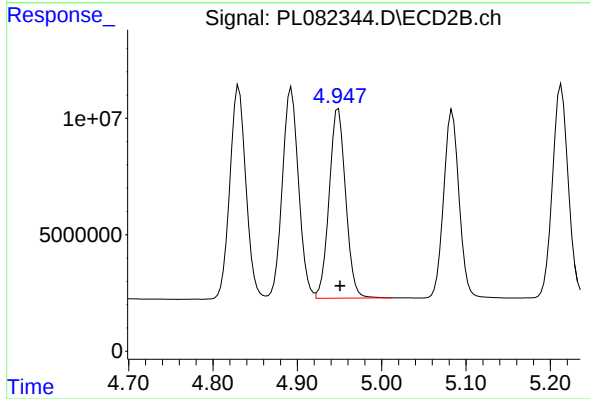
R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 121765759
Conc: 42.27 ng/ml



#9 Endosulfan I

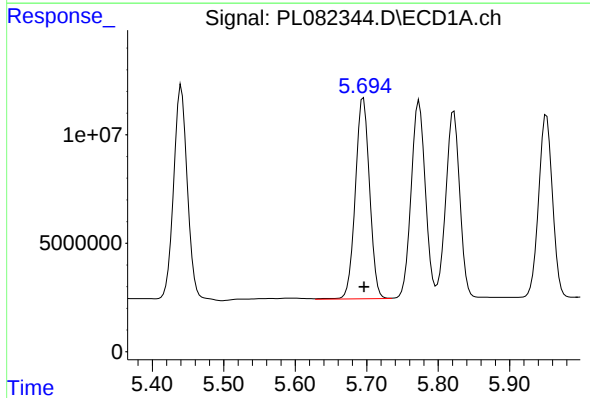
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 116118108
Conc: 41.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



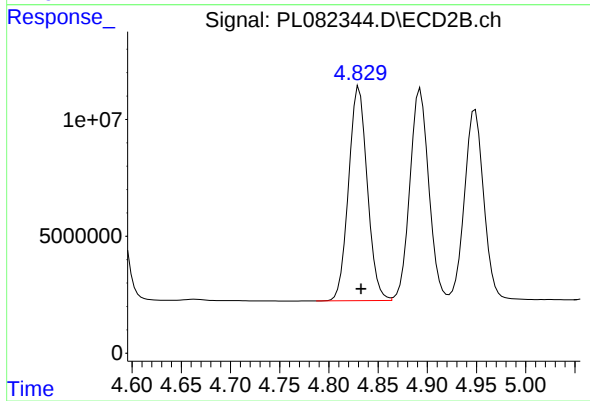
#9 Endosulfan I

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 110852378
Conc: 41.53 ng/ml



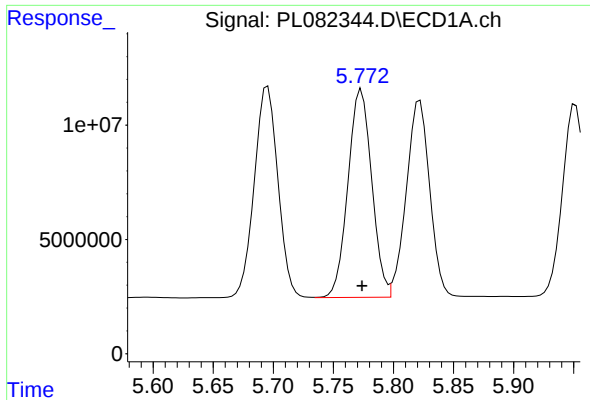
#10 gamma-Chlordane

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 127683052
Conc: 42.46 ng/ml



#10 gamma-Chlordane

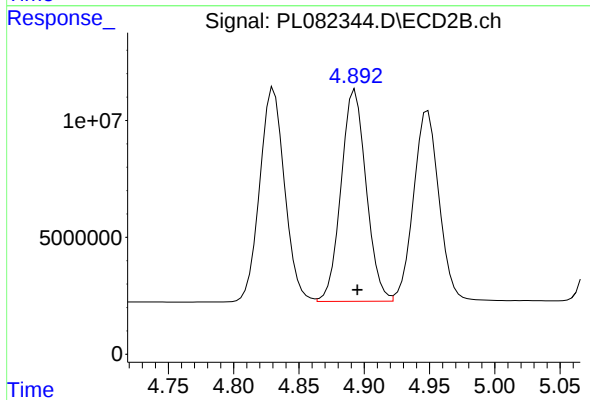
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 121082449
Conc: 41.73 ng/ml



#11 alpha-Chlordane

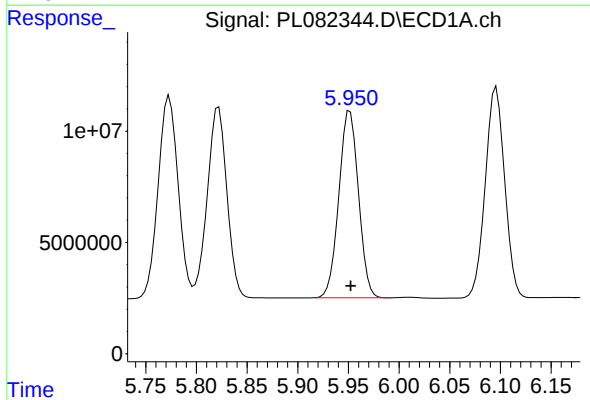
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 125449917
Conc: 42.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



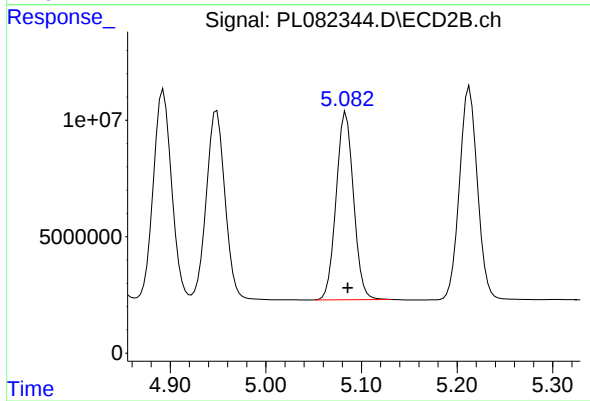
#11 alpha-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 121190624
Conc: 41.75 ng/ml



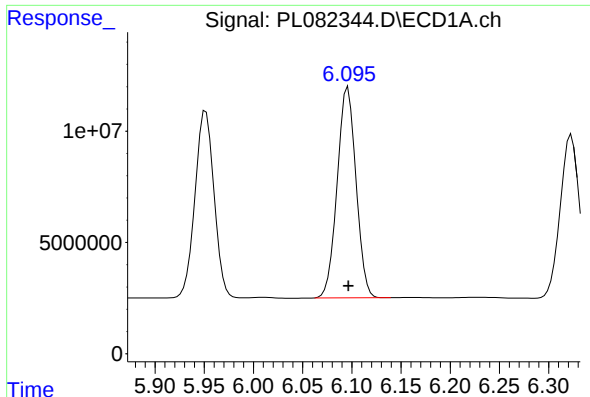
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 113082288
Conc: 44.48 ng/ml



#12 4,4'-DDE

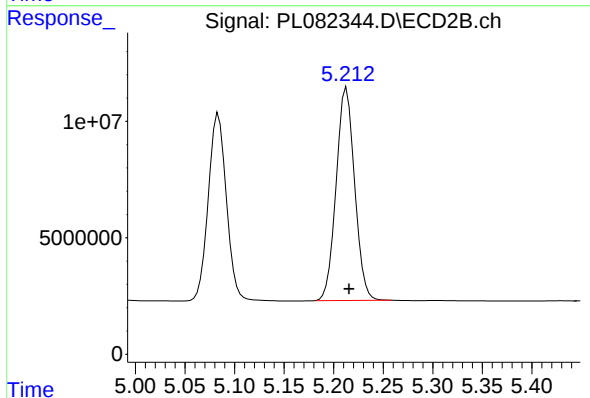
R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 102004635
Conc: 44.37 ng/ml



#13 Dieldrin

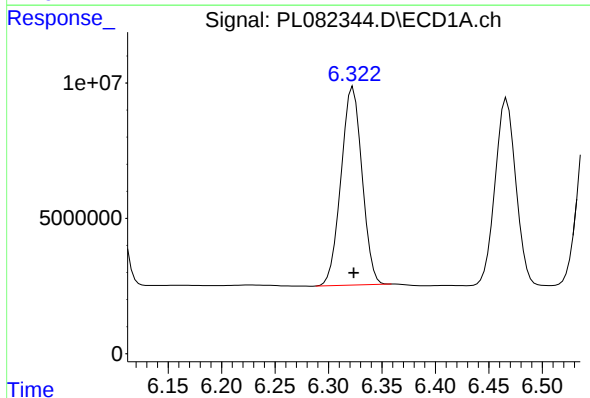
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 126031998
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



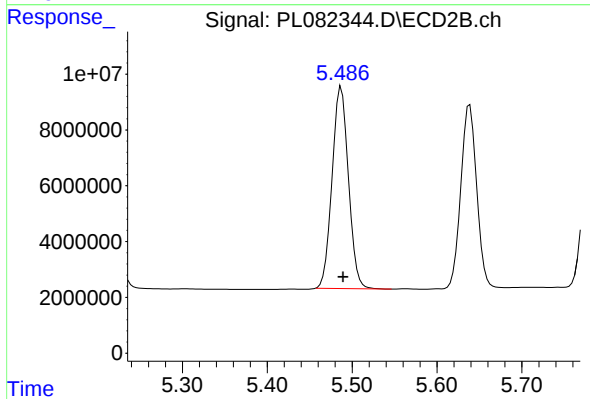
#13 Dieldrin

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 118669436
Conc: 43.95 ng/ml



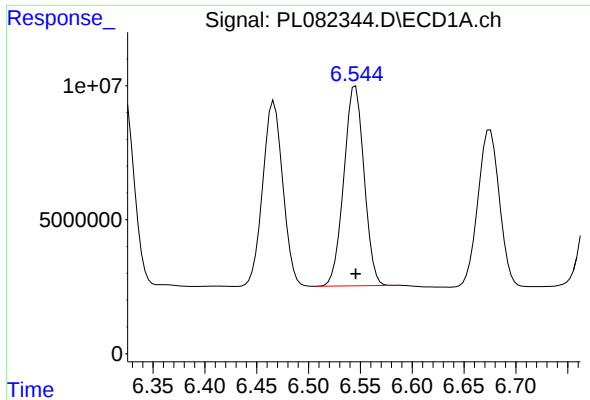
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 100325918
Conc: 41.38 ng/ml



#14 Endrin

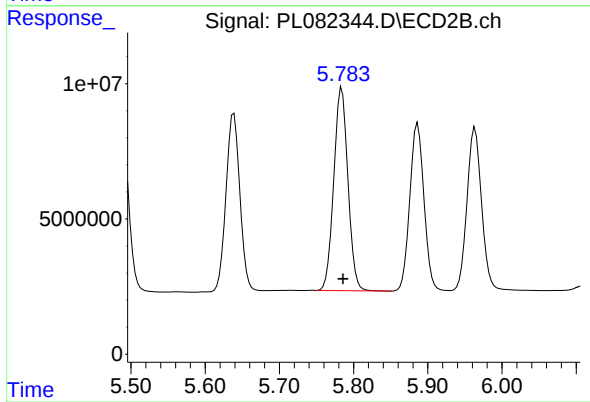
R.T.: 5.487 min
Delta R.T.: -0.002 min
Response: 96900913
Conc: 39.62 ng/ml



#15 Endosulfan II

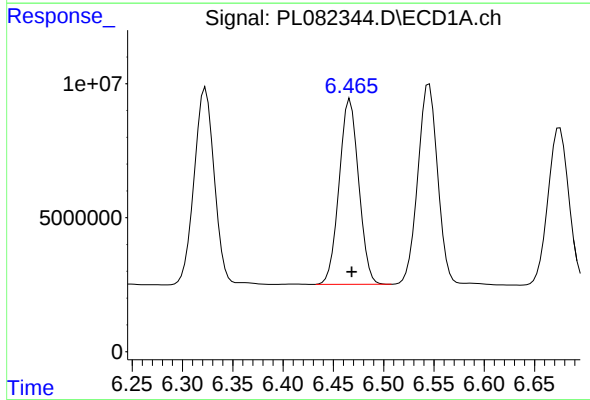
R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 101201846
Conc: 41.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



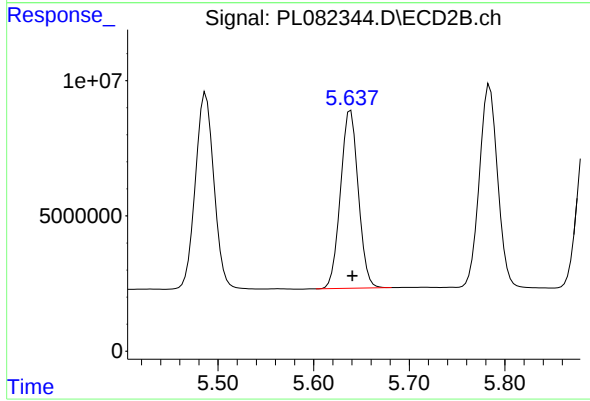
#15 Endosulfan II

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 99771498
Conc: 44.26 ng/ml



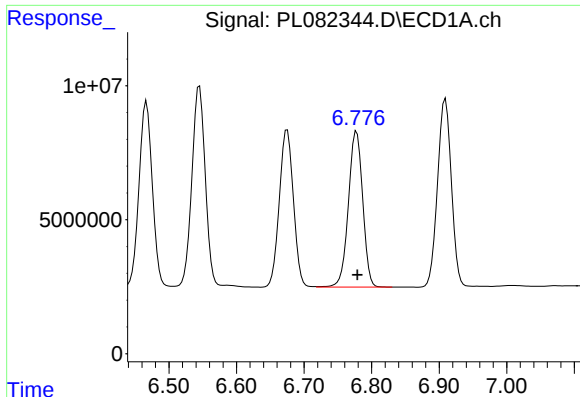
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 93266231
Conc: 46.01 ng/ml



#16 4,4'-DDD

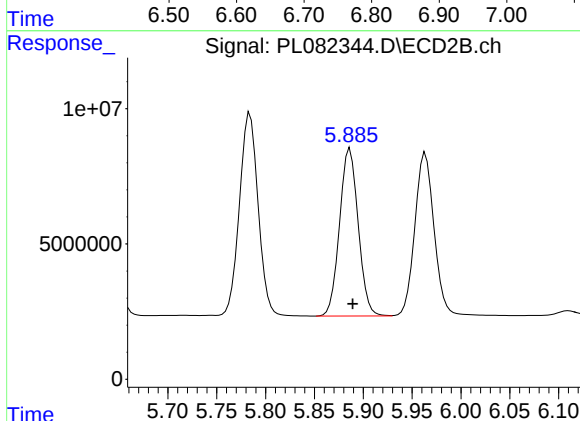
R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 85166375
Conc: 45.53 ng/ml



#17 4,4'-DDT

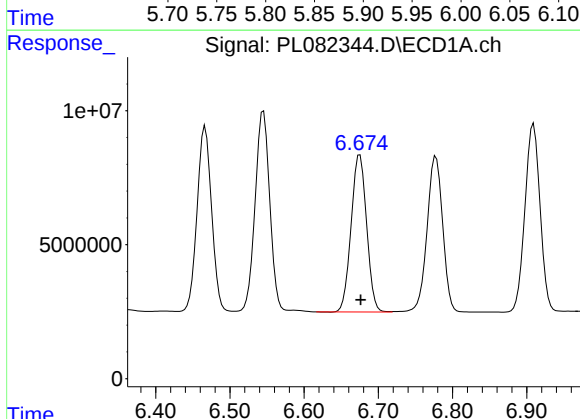
R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 85200022
Conc: 37.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



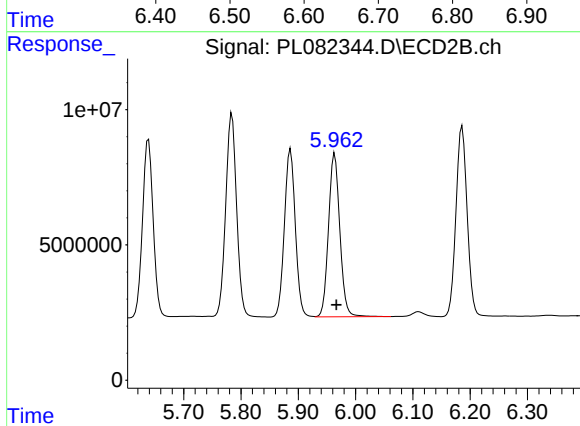
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 82311990
Conc: 38.96 ng/ml



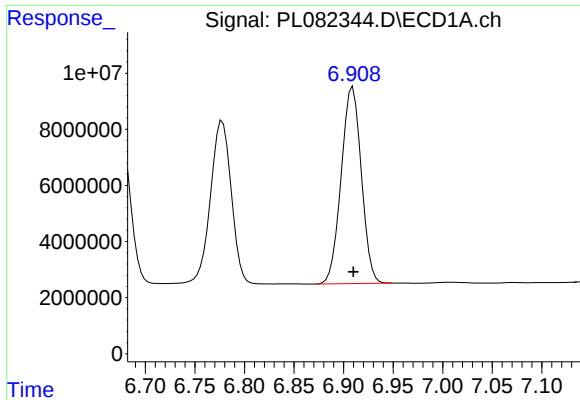
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 84860111
Conc: 45.04 ng/ml



#18 Endrin aldehyde

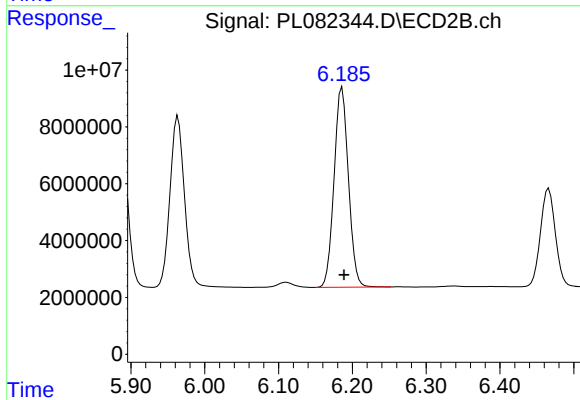
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 82791370
Conc: 44.24 ng/ml



#19 Endosulfan Sulfate

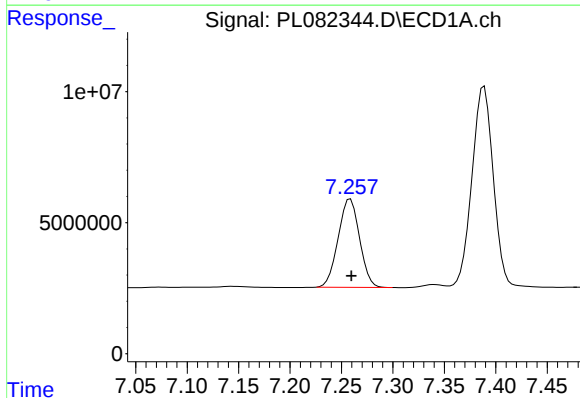
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 99113059
Conc: 41.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



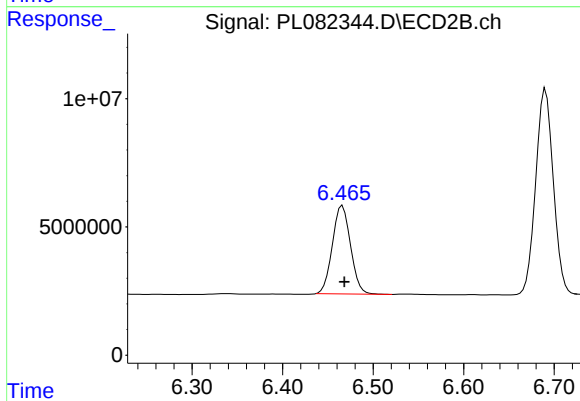
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 95129235
Conc: 40.41 ng/ml



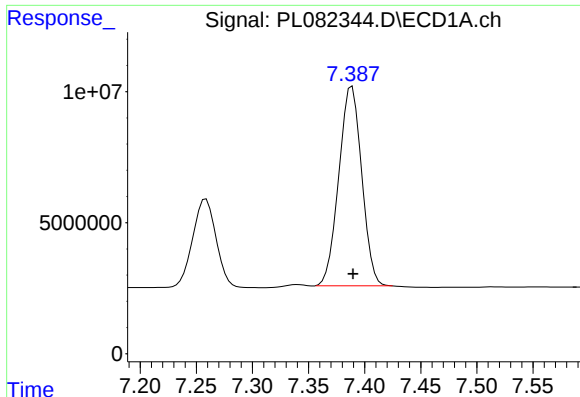
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 48886178
Conc: 40.06 ng/ml



#20 Methoxychlor

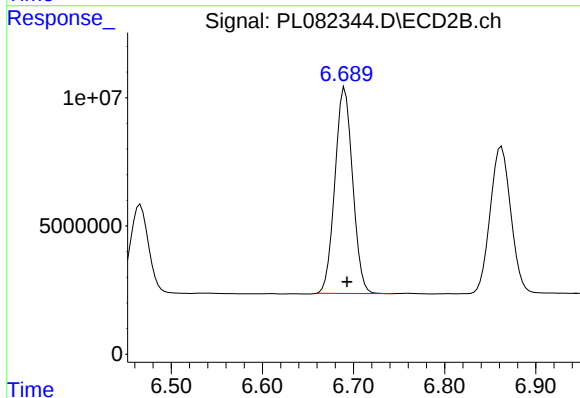
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 48000275
Conc: 39.61 ng/ml



#21 Endrin ketone

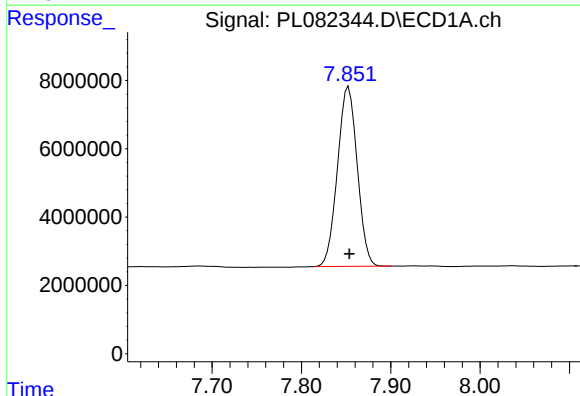
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 108143742
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



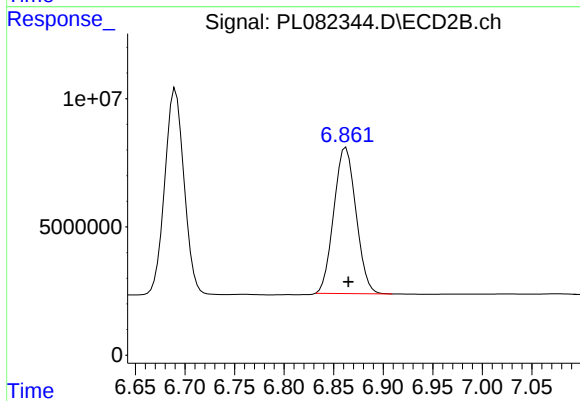
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 108429716
Conc: 42.72 ng/ml



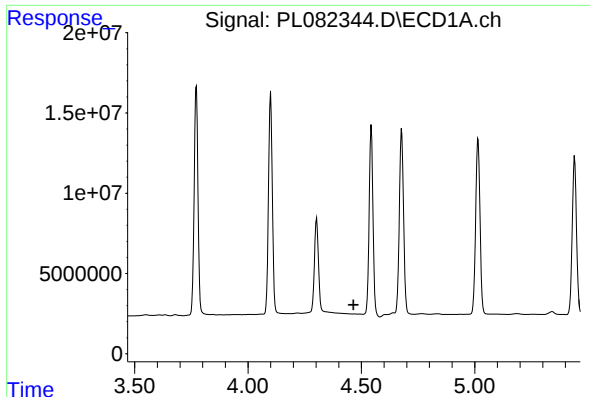
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.000 min
Response: 80756344
Conc: 41.28 ng/ml



#22 Mirex

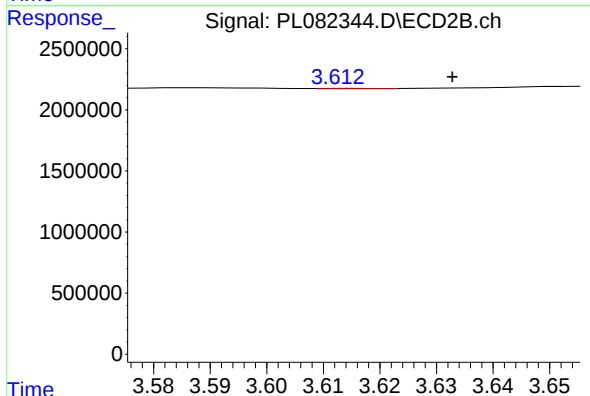
R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 88440713
Conc: 38.38 ng/ml



#23 Chlordane-1

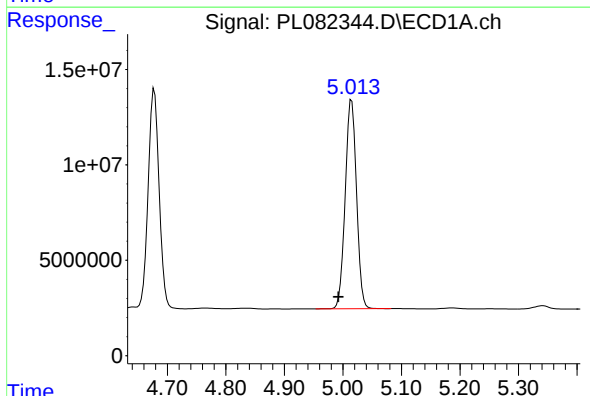
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



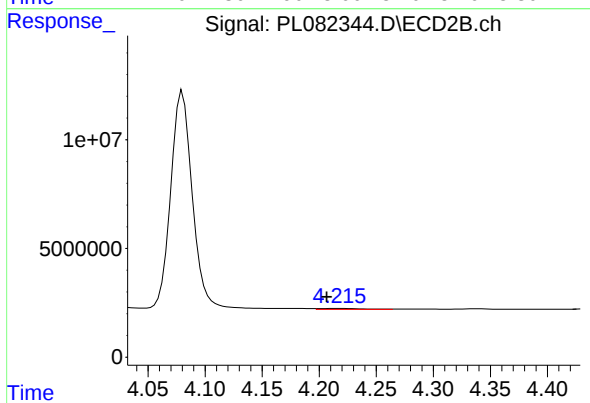
#23 Chlordane-1

R.T.: 3.614 min
Delta R.T.: -0.019 min
Response: 23943
Conc: 0.27 ng/ml



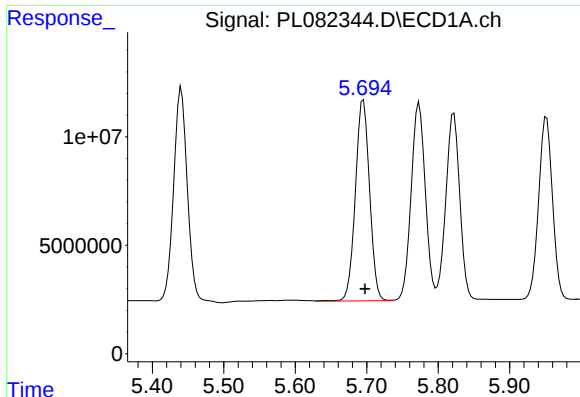
#24 Chlordane-2

R.T.: 5.015 min
Delta R.T.: 0.022 min
Response: 146998648
Conc: 1234.74 ng/ml



#24 Chlordane-2

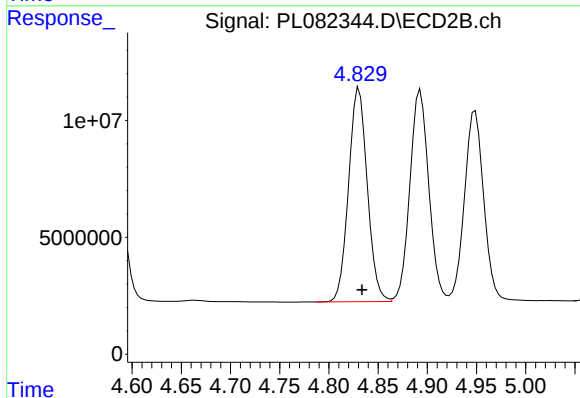
R.T.: 4.217 min
Delta R.T.: 0.010 min
Response: 1129656
Conc: 10.07 ng/ml



#25 Chlordane-3

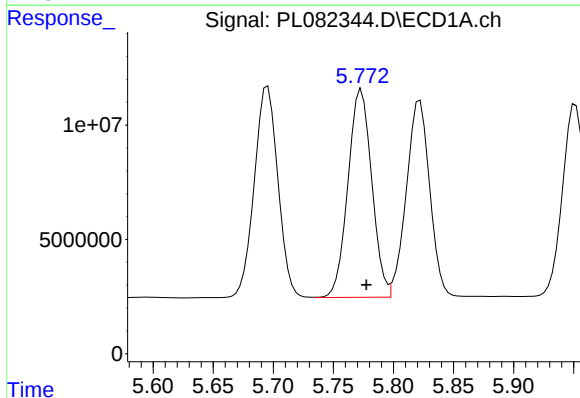
R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 127683052
Conc: 295.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



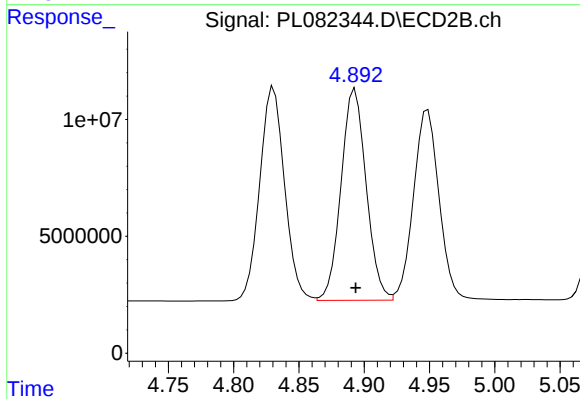
#25 Chlordane-3

R.T.: 4.831 min
Delta R.T.: -0.003 min
Response: 121082449
Conc: 426.18 ng/ml



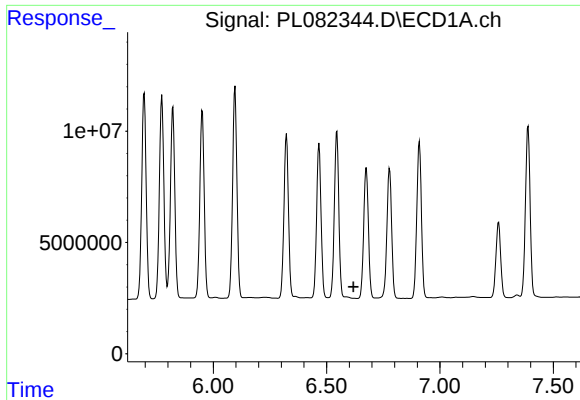
#26 Chlordane-4

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 125449917
Conc: 241.29 ng/ml



#26 Chlordane-4

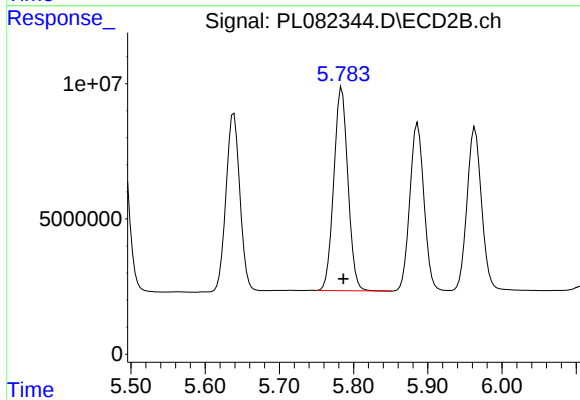
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 121190624
Conc: 406.13 ng/ml



#27 Chlordane-5

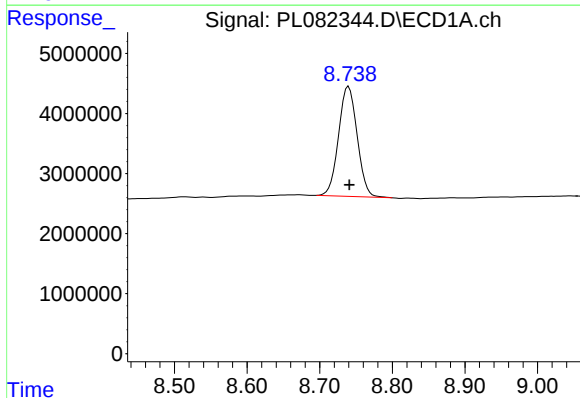
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



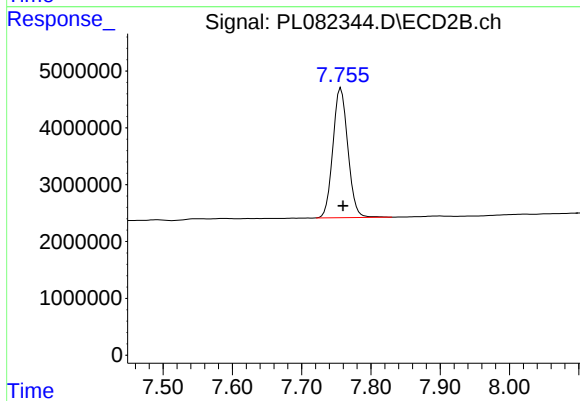
#27 Chlordane-5

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 99771498
Conc: 1010.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 32599093
Conc: 17.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.757 min
Delta R.T.: -0.003 min
Response: 34210586
Conc: 14.99 ng/ml