

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022721\
 Data File : PL064986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2021 16:50
 Operator : AR\AJ
 Sample : M1475-20MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 17:05:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 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...	3.422	4.097	65954598	53191917	23.442	24.624
28)	SA Decachlor...	8.139	9.250	58036852	49339237	25.808	25.977
Target Compounds							
2)	A alpha-BHC	3.854	4.500	246.0E6	189.9E6	53.048	62.694
3)	MA gamma-BHC...	4.135	4.791	228.5E6	176.9E6	52.857	62.275
4)	MA Heptachlor	4.430	5.302	229.1E6	175.1E6	55.868	59.101
5)	MB Aldrin	4.676	5.612	195.5E6	151.0E6	52.508	61.560
6)	B beta-BHC	4.385	4.970	83871782	82757339	49.071	64.284 #
7)	B delta-BHC	4.586	5.191	220.2E6	180.1E6	54.474	66.649
8)	B Heptachlo...	5.116	6.006	184.9E6	137.3E6	53.248	62.244
9)	A Endosulfan I	5.451	6.368	172.2E6	130.6E6	53.692	62.257
10)	B gamma-Chl...	5.341	6.242	187.8E6	146.4E6	53.571	63.370
11)	B alpha-Chl...	5.399	6.314	185.9E6	143.8E6	53.676	62.454
12)	B 4,4'-DDE	5.564	6.471	171.2E6	127.7E6	54.708	62.956
13)	MA Dieldrin	5.692	6.629	187.3E6	133.2E6	57.101	62.321
14)	MA Endrin	5.947	6.851	163.4E6	112.2E6	54.392	62.082
15)	B Endosulfa...	6.220	7.066	158.2E6	115.1E6	54.957	61.067
16)	A 4,4'-DDD	6.077	6.970	136.4E6	102.4E6	53.851	59.067
17)	MA 4,4'-DDT	6.315	7.270	132.5E6	98865798	58.771	64.844
18)	B Endrin al...	6.387	7.191	133.2E6	100.3E6	54.626	61.583
19)	B Endosulfa...	6.600	7.415	156.1E6	111.7E6	55.052	62.076
20)	A Methoxychlor	6.863	7.730	68296772	58022689	52.745	64.187
21)	B Endrin ke...	7.086	7.893	160.7E6	115.6E6	56.042	60.471
22)	Mirex	7.268	8.343	126.1E6	91212577	59.687	65.620
23)	Chlordane-1	4.288	5.107	848677	3067038	7.466	34.921 #
24)	Chlordane-2	0.000	5.612f	0	151.0E6	N.D.	1731.387 #
25)	Chlordane-3	5.341	6.242	187.8E6	146.4E6	571.620	478.971
26)	Chlordane-4	5.399	6.314	185.9E6	143.8E6	675.667	388.101 #
27)	Chlordane-5	6.220	0.000	158.2E6	0	1564.050	N.D. #

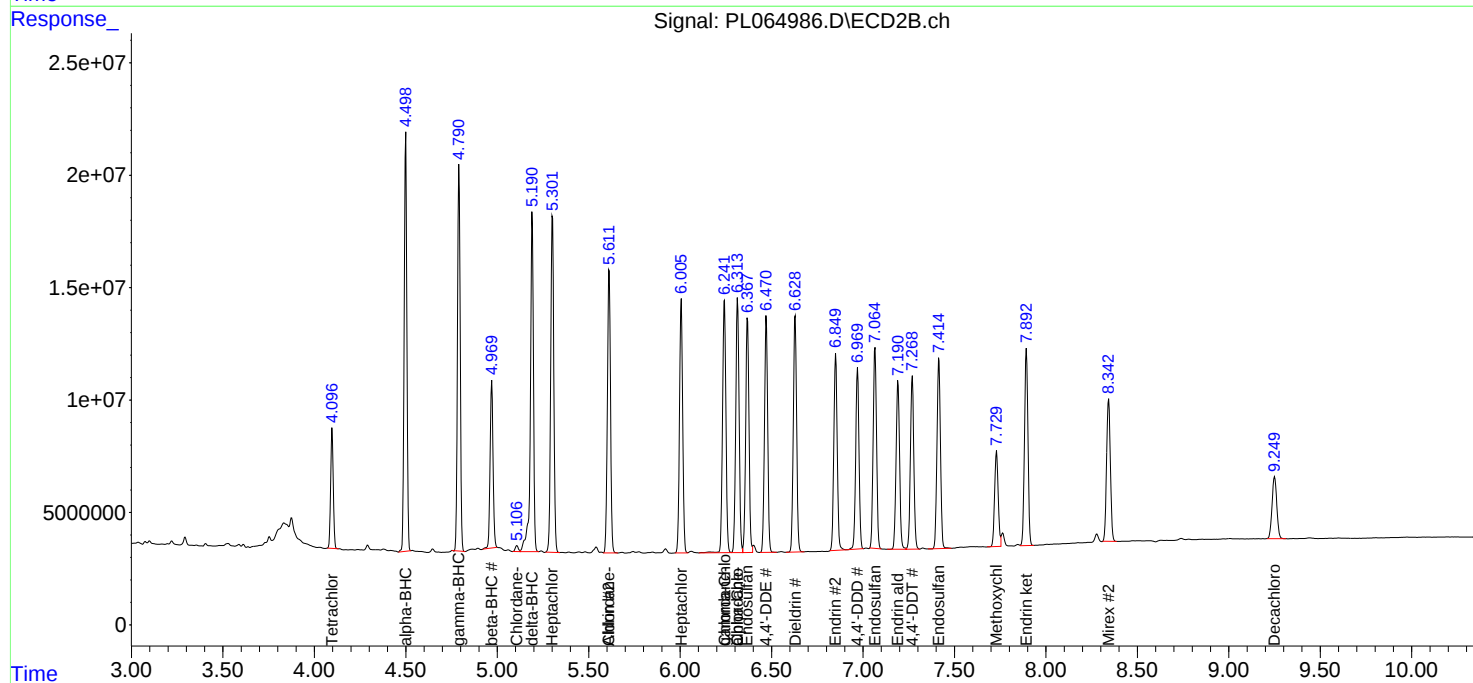
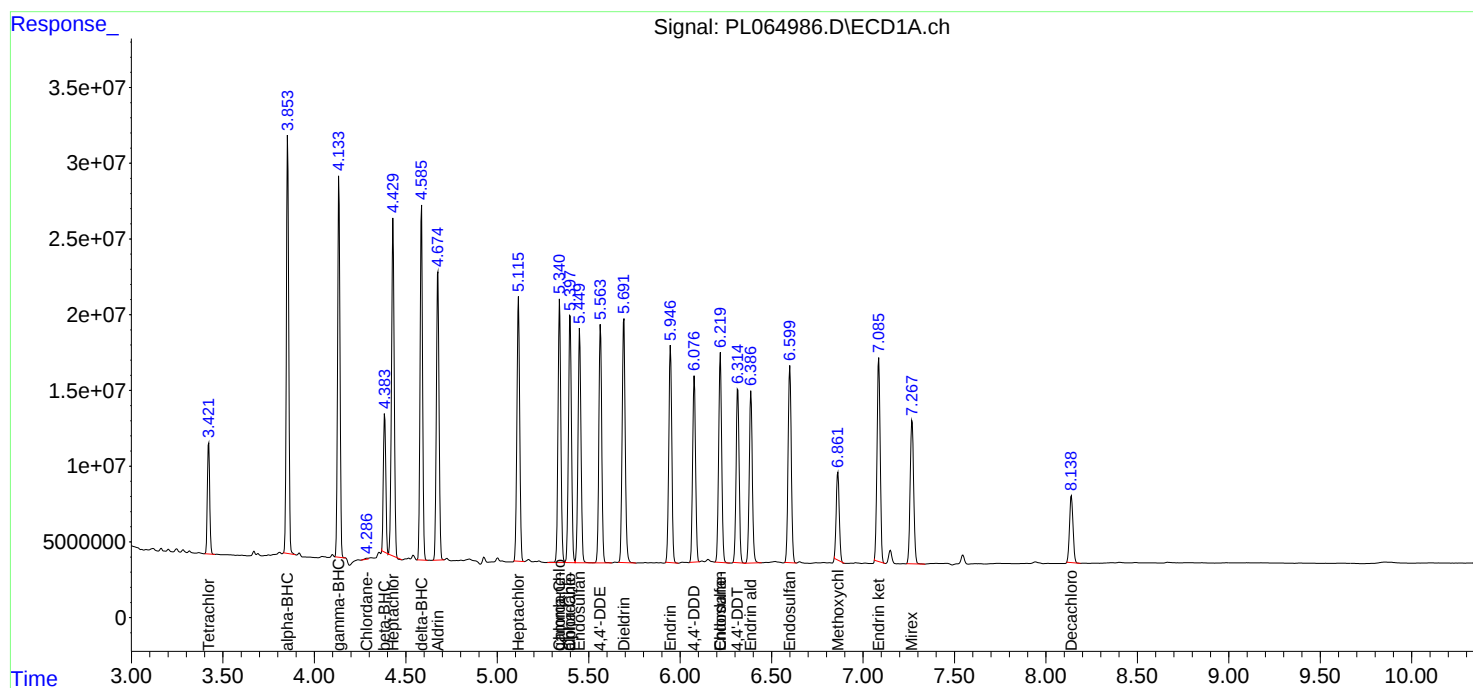
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

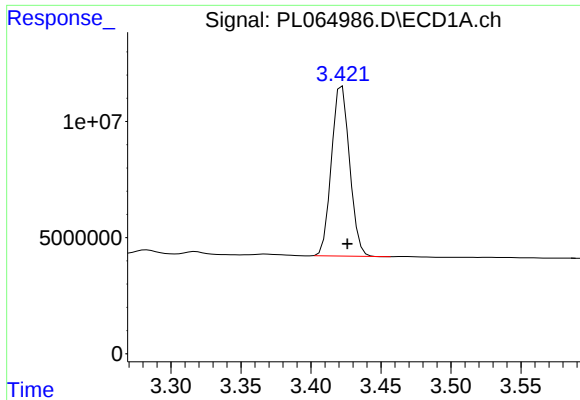
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022721\
Data File : PL064986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

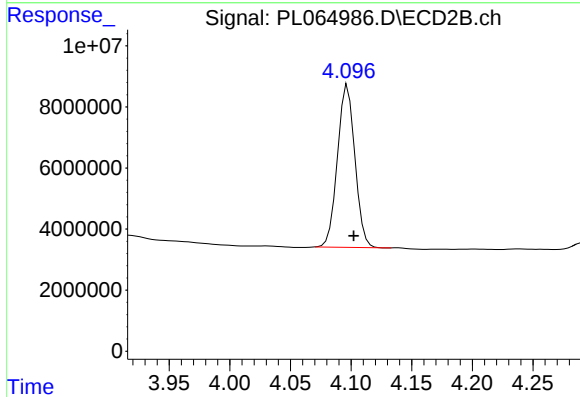




#1 Tetrachloro-m-xylene

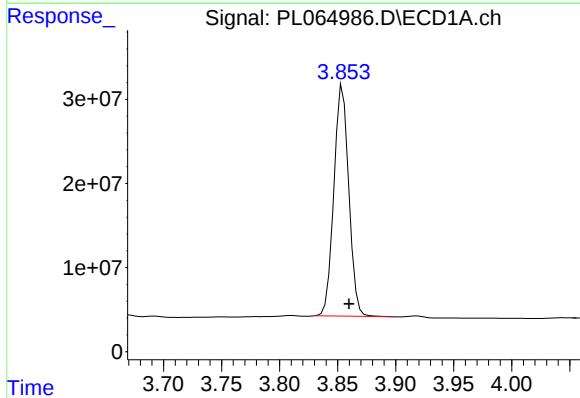
R.T.: 3.422 min
Delta R.T.: -0.004 min
Response: 65954598
Conc: 23.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



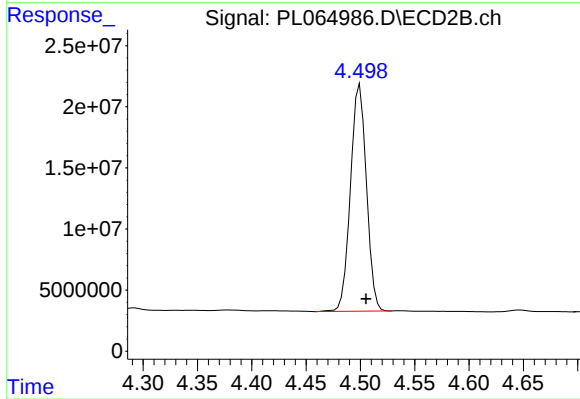
#1 Tetrachloro-m-xylene

R.T.: 4.097 min
Delta R.T.: -0.005 min
Response: 53191917
Conc: 24.62 ng/ml



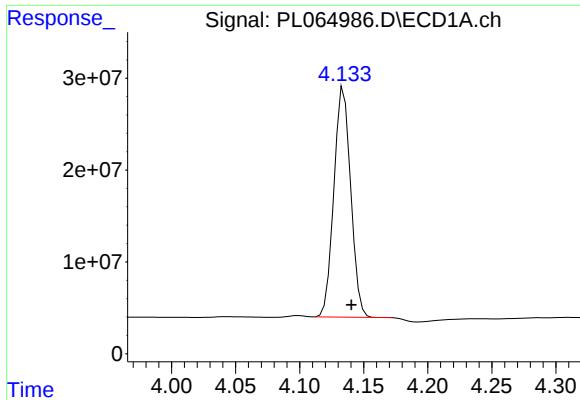
#2 alpha-BHC

R.T.: 3.854 min
Delta R.T.: -0.006 min
Response: 246010597
Conc: 53.05 ng/ml



#2 alpha-BHC

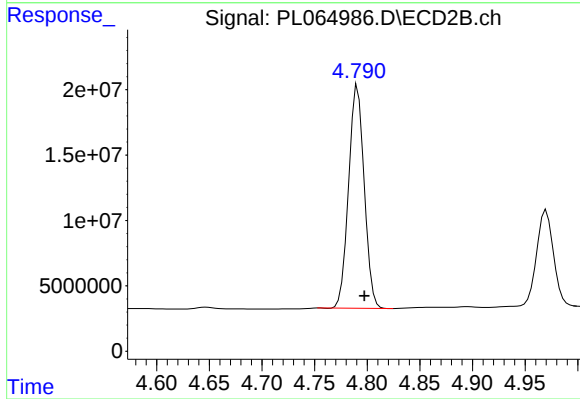
R.T.: 4.500 min
Delta R.T.: -0.006 min
Response: 189896999
Conc: 62.69 ng/ml



#3 gamma-BHC (Lindane)

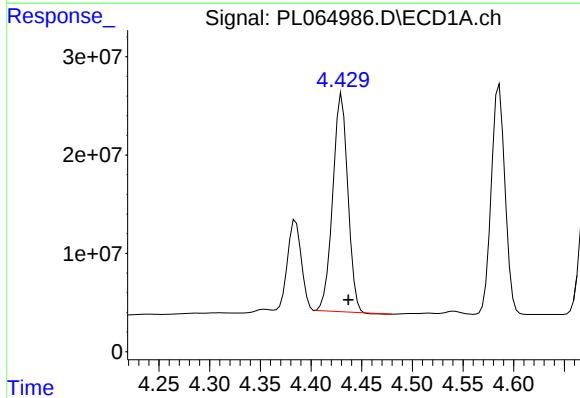
R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 228525323
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



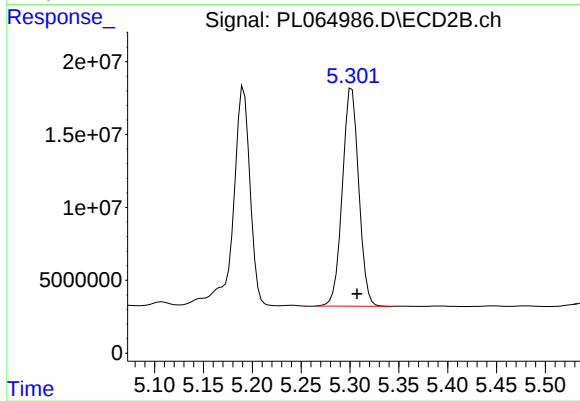
#3 gamma-BHC (Lindane)

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 176889297
Conc: 62.27 ng/ml



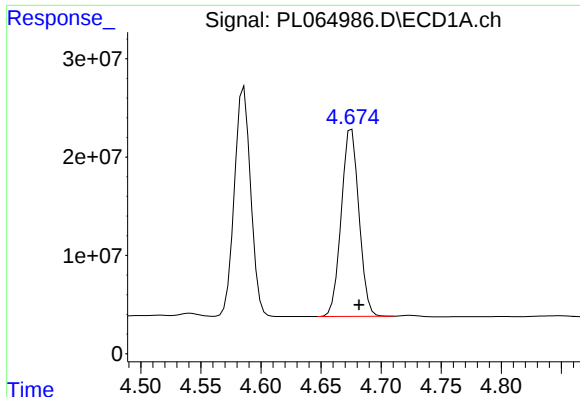
#4 Heptachlor

R.T.: 4.430 min
Delta R.T.: -0.006 min
Response: 229064917
Conc: 55.87 ng/ml



#4 Heptachlor

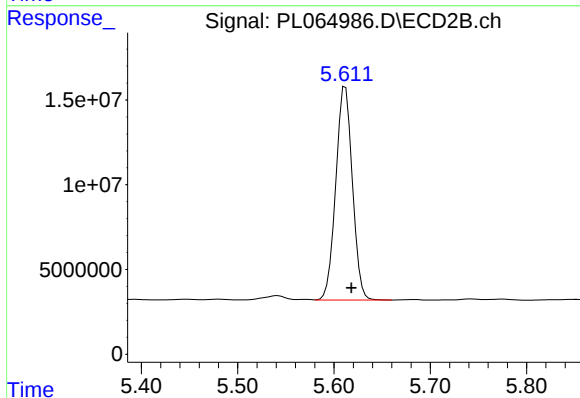
R.T.: 5.302 min
Delta R.T.: -0.005 min
Response: 175089704
Conc: 59.10 ng/ml



#5 Aldrin

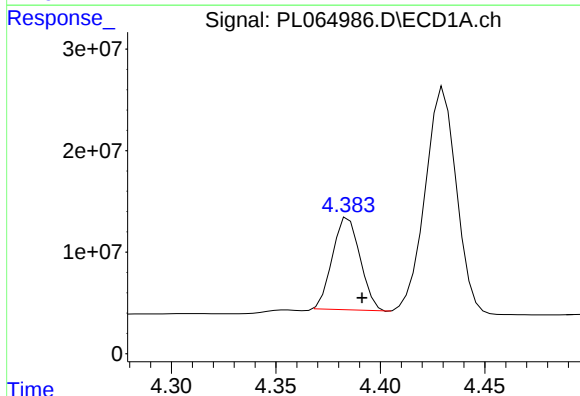
R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 195521938
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



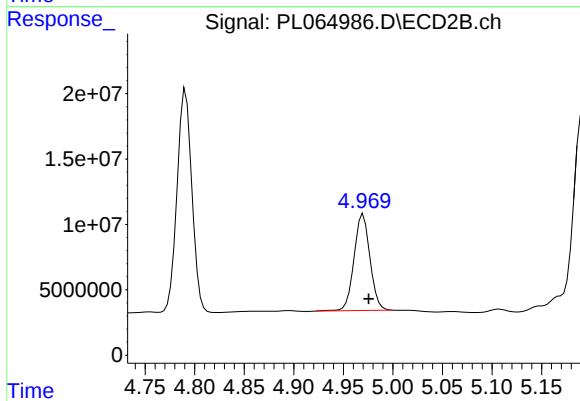
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 150966992
Conc: 61.56 ng/ml



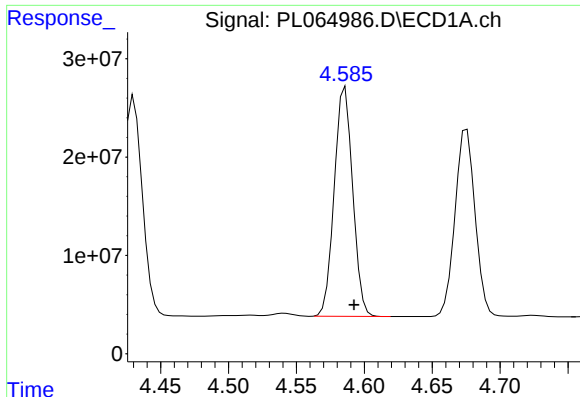
#6 beta-BHC

R.T.: 4.385 min
Delta R.T.: -0.006 min
Response: 83871782
Conc: 49.07 ng/ml



#6 beta-BHC

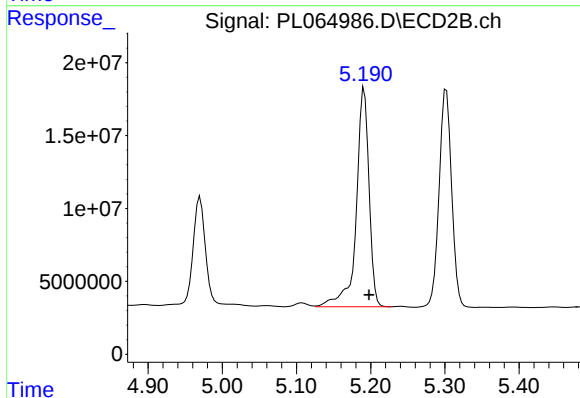
R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 82757339
Conc: 64.28 ng/ml



#7 delta-BHC

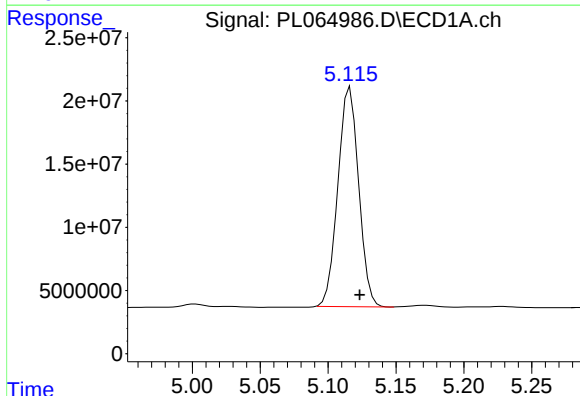
R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 220198561
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



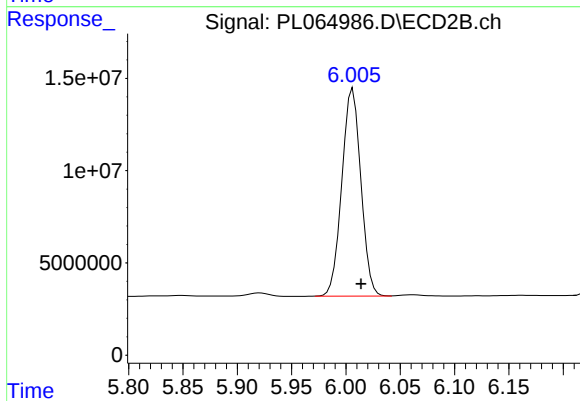
#7 delta-BHC

R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 180069768
Conc: 66.65 ng/ml



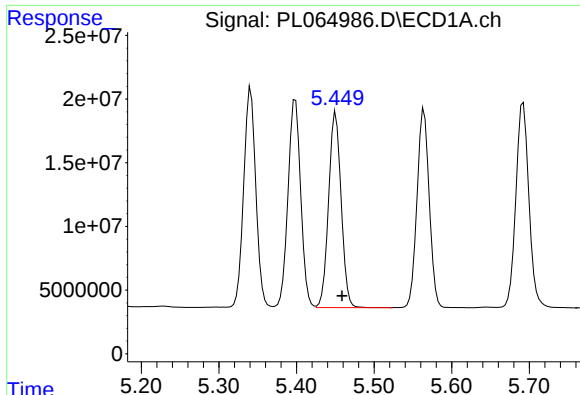
#8 Heptachlor epoxide

R.T.: 5.116 min
Delta R.T.: -0.007 min
Response: 184872140
Conc: 53.25 ng/ml



#8 Heptachlor epoxide

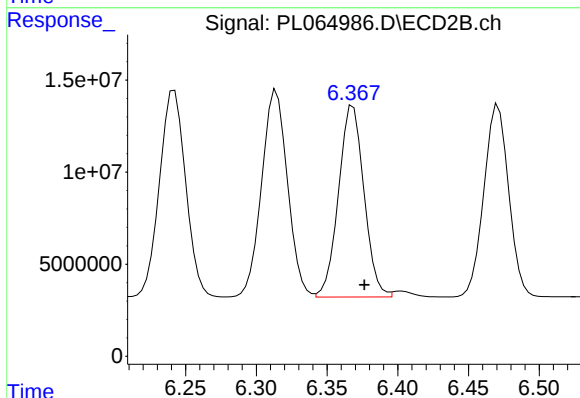
R.T.: 6.006 min
Delta R.T.: -0.007 min
Response: 137327656
Conc: 62.24 ng/ml



#9 Endosulfan I

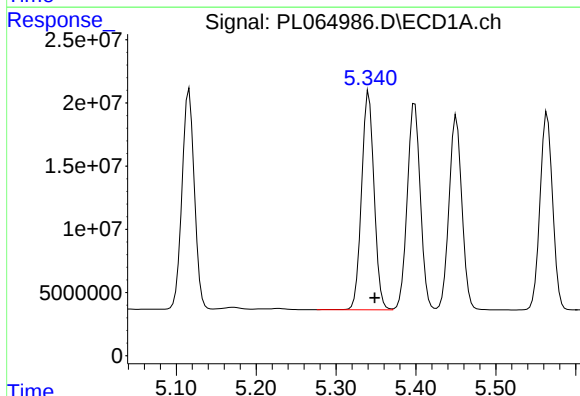
R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 172185458
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



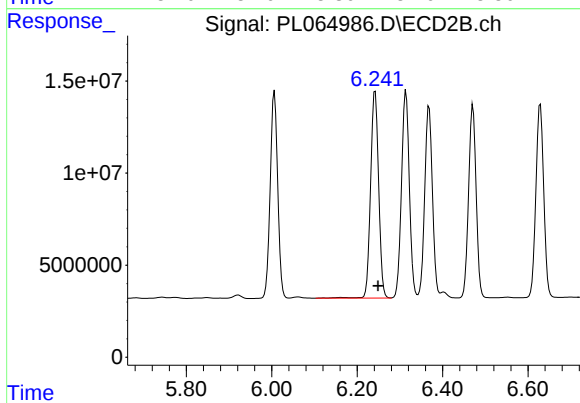
#9 Endosulfan I

R.T.: 6.368 min
Delta R.T.: -0.008 min
Response: 130580864
Conc: 62.26 ng/ml



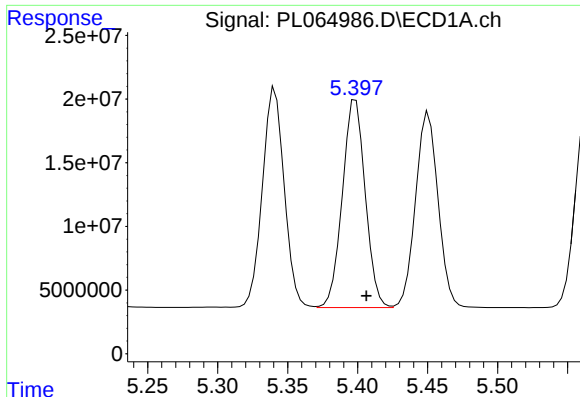
#10 gamma-Chlordane

R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 187842931
Conc: 53.57 ng/ml



#10 gamma-Chlordane

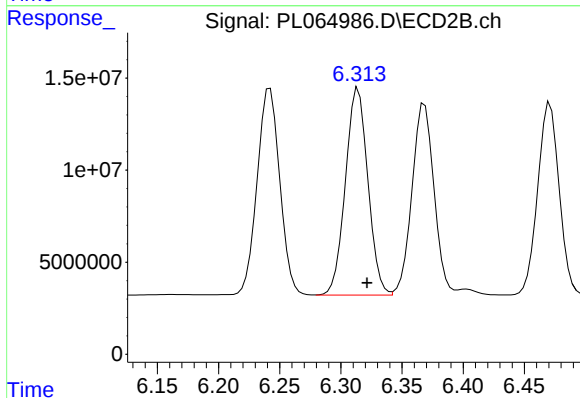
R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 146449355
Conc: 63.37 ng/ml



#11 alpha-Chlordane

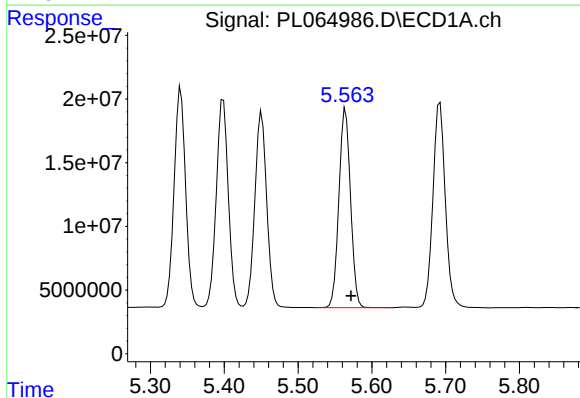
R.T.: 5.399 min
Delta R.T.: -0.008 min
Response: 185906865
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



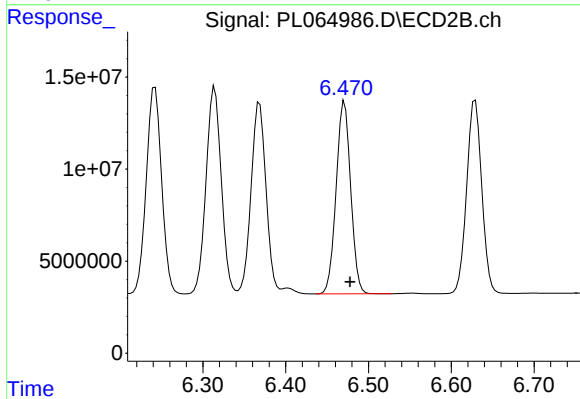
#11 alpha-Chlordane

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 143782550
Conc: 62.45 ng/ml



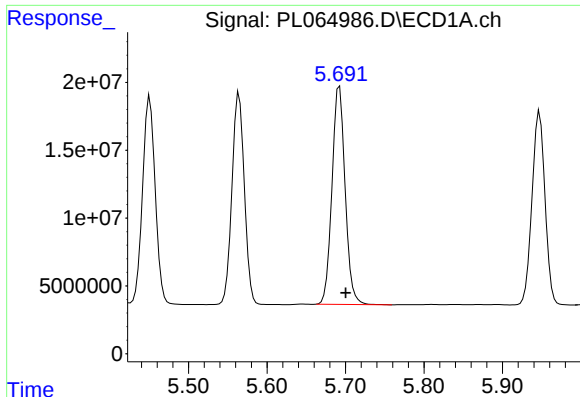
#12 4,4'-DDE

R.T.: 5.564 min
Delta R.T.: -0.007 min
Response: 171203766
Conc: 54.71 ng/ml



#12 4,4'-DDE

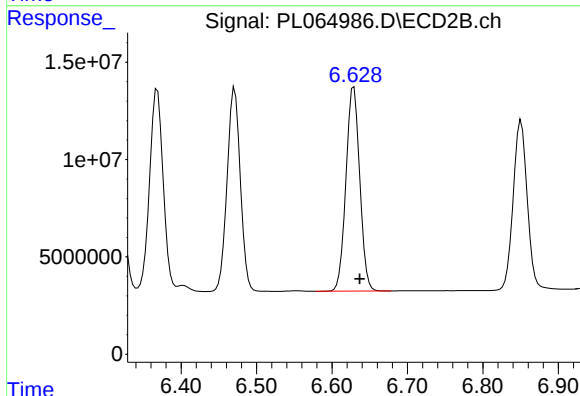
R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 127676665
Conc: 62.96 ng/ml



#13 Dieldrin

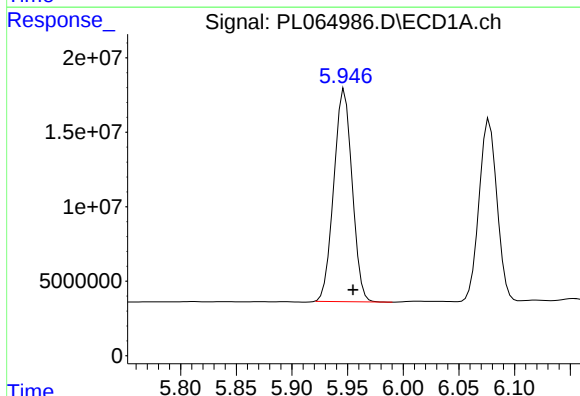
R.T.: 5.692 min
Delta R.T.: -0.008 min
Response: 187302923
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



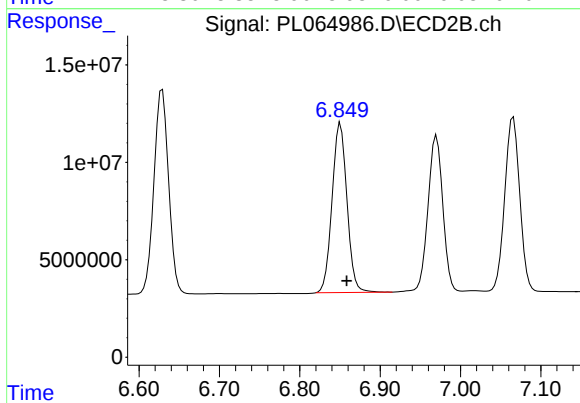
#13 Dieldrin

R.T.: 6.629 min
Delta R.T.: -0.008 min
Response: 133223072
Conc: 62.32 ng/ml



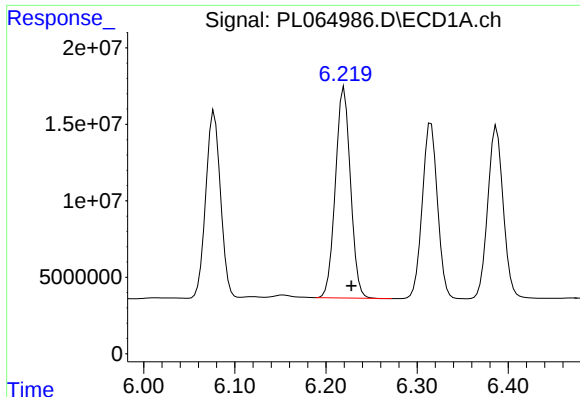
#14 Endrin

R.T.: 5.947 min
Delta R.T.: -0.008 min
Response: 163358259
Conc: 54.39 ng/ml



#14 Endrin

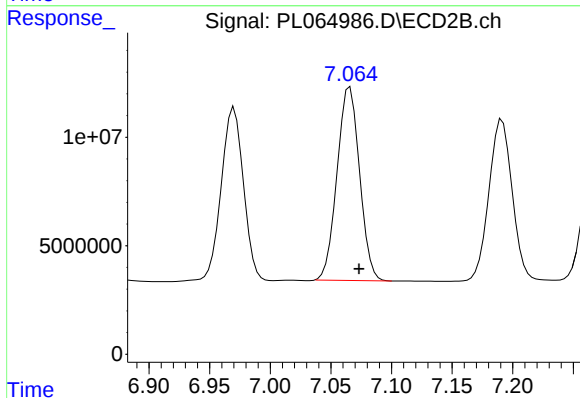
R.T.: 6.851 min
Delta R.T.: -0.008 min
Response: 112231856
Conc: 62.08 ng/ml



#15 Endosulfan II

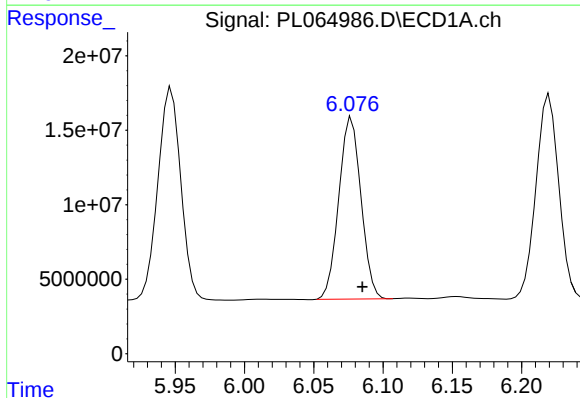
R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 158248501
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



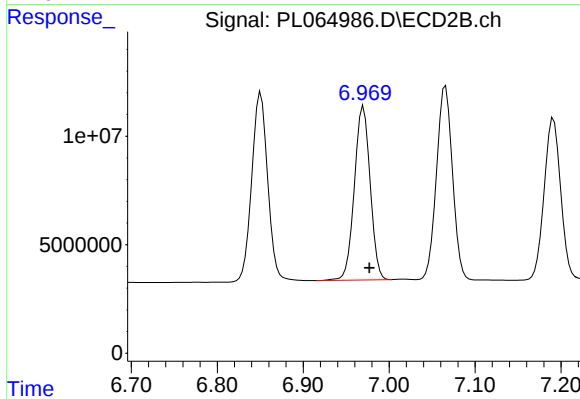
#15 Endosulfan II

R.T.: 7.066 min
Delta R.T.: -0.008 min
Response: 115070284
Conc: 61.07 ng/ml



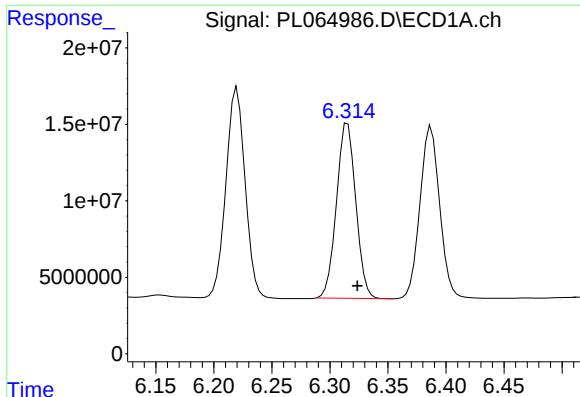
#16 4,4'-DDD

R.T.: 6.077 min
Delta R.T.: -0.008 min
Response: 136382576
Conc: 53.85 ng/ml



#16 4,4'-DDD

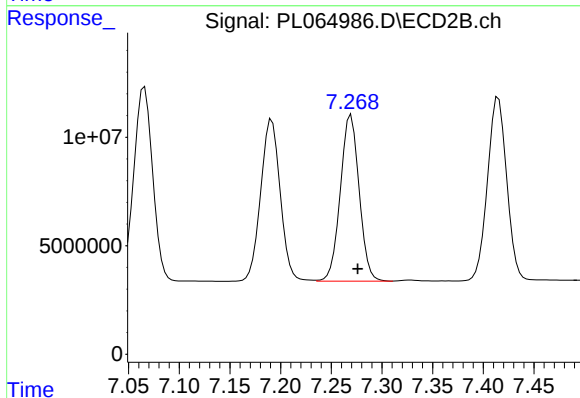
R.T.: 6.970 min
Delta R.T.: -0.007 min
Response: 102399153
Conc: 59.07 ng/ml



#17 4,4'-DDT

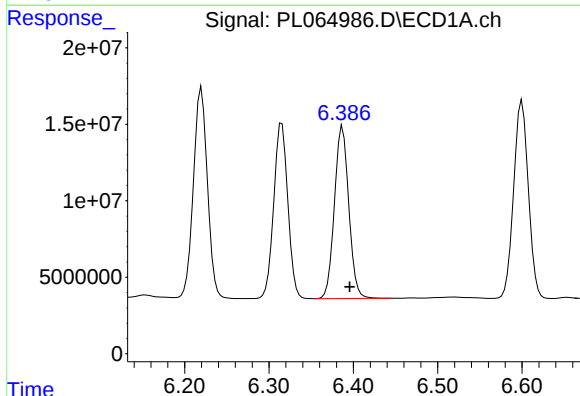
R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 132526423
Conc: 58.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



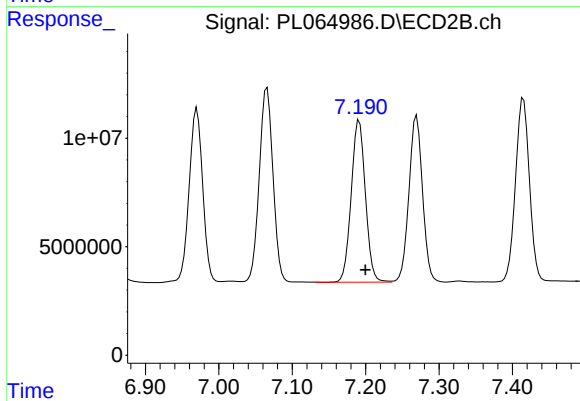
#17 4,4'-DDT

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 98865798
Conc: 64.84 ng/ml



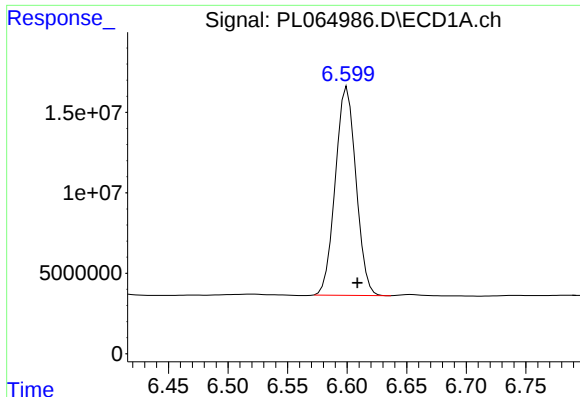
#18 Endrin aldehyde

R.T.: 6.387 min
Delta R.T.: -0.009 min
Response: 133187384
Conc: 54.63 ng/ml



#18 Endrin aldehyde

R.T.: 7.191 min
Delta R.T.: -0.009 min
Response: 100280966
Conc: 61.58 ng/ml



#19 Endosulfan Sulfate

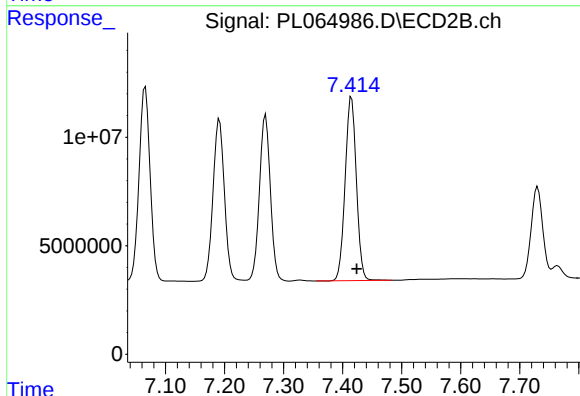
R.T.: 6.600 min

Delta R.T.: -0.009 min

Response: 156122549

Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



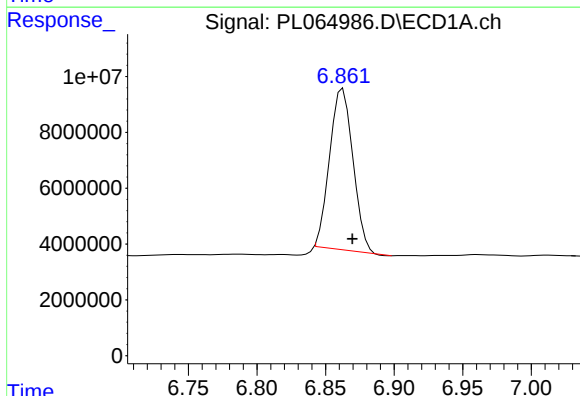
#19 Endosulfan Sulfate

R.T.: 7.415 min

Delta R.T.: -0.009 min

Response: 111713150

Conc: 62.08 ng/ml



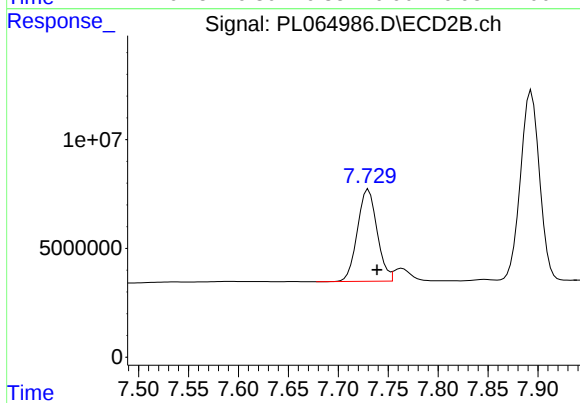
#20 Methoxychlor

R.T.: 6.863 min

Delta R.T.: -0.007 min

Response: 68296772

Conc: 52.75 ng/ml



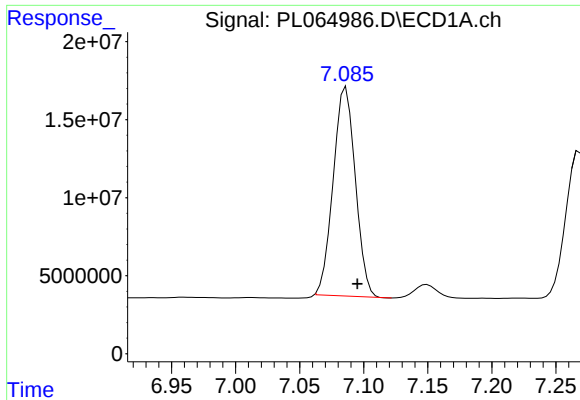
#20 Methoxychlor

R.T.: 7.730 min

Delta R.T.: -0.009 min

Response: 58022689

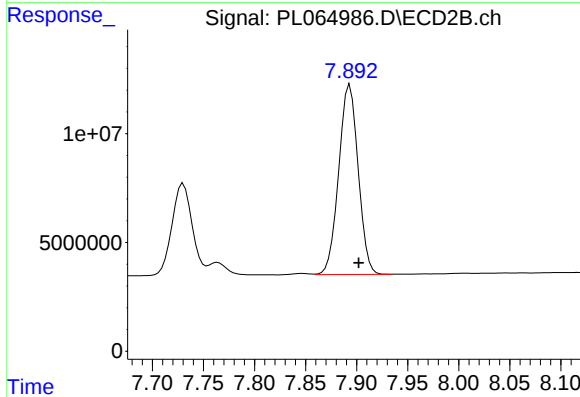
Conc: 64.19 ng/ml



#21 Endrin ketone

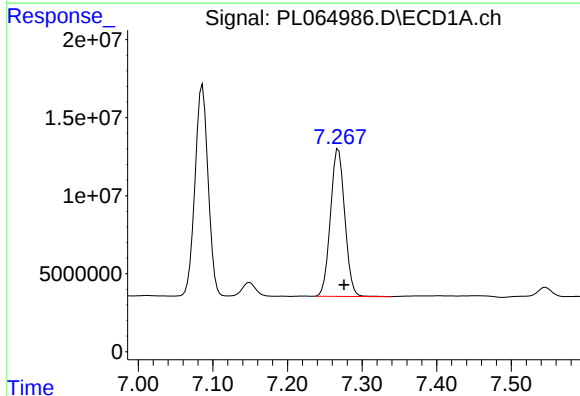
R.T.: 7.086 min
Delta R.T.: -0.009 min
Response: 160731620
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



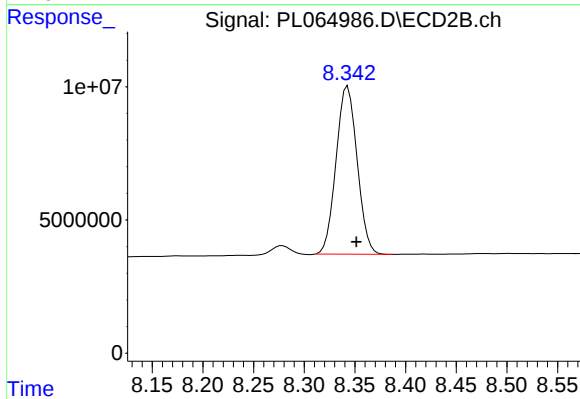
#21 Endrin ketone

R.T.: 7.893 min
Delta R.T.: -0.009 min
Response: 115601451
Conc: 60.47 ng/ml



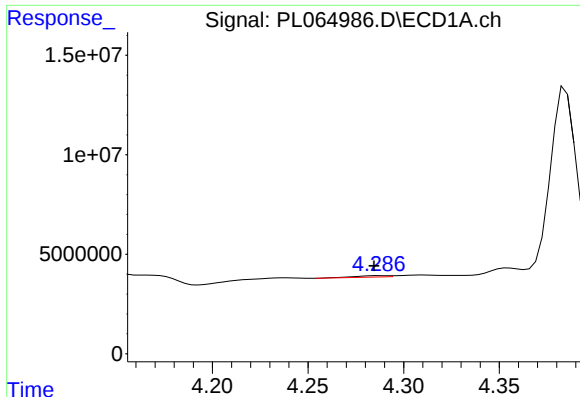
#22 Mirex

R.T.: 7.268 min
Delta R.T.: -0.007 min
Response: 126115770
Conc: 59.69 ng/ml



#22 Mirex

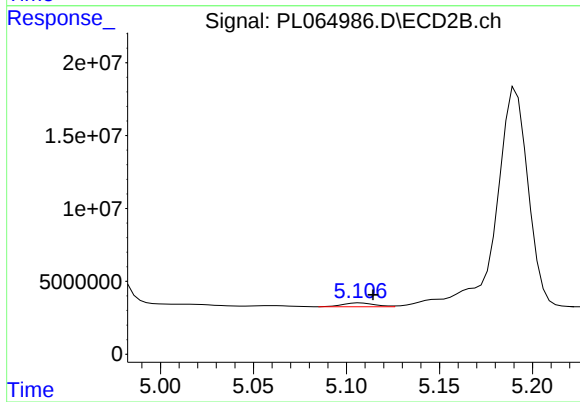
R.T.: 8.343 min
Delta R.T.: -0.009 min
Response: 91212577
Conc: 65.62 ng/ml



#23 Chlordane-1

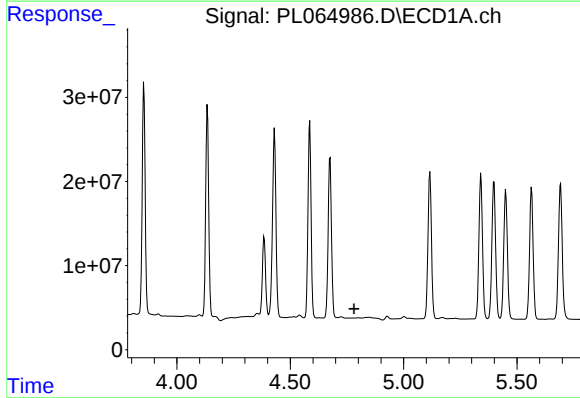
R.T.: 4.288 min
Delta R.T.: 0.003 min
Response: 848677
Conc: 7.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



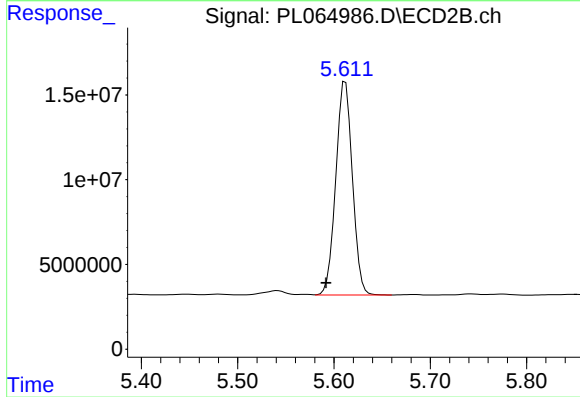
#23 Chlordane-1

R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 3067038
Conc: 34.92 ng/ml



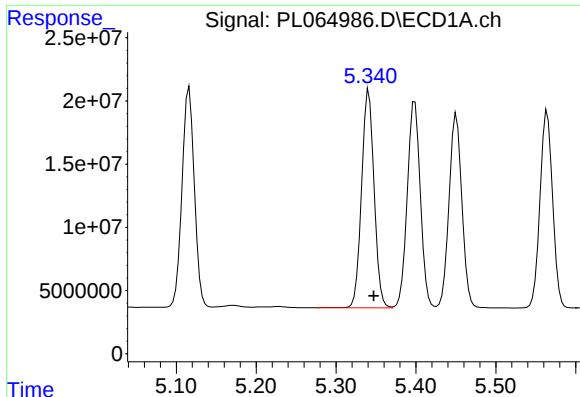
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.782 min
Response: 0
Conc: N.D.



#24 Chlordane-2

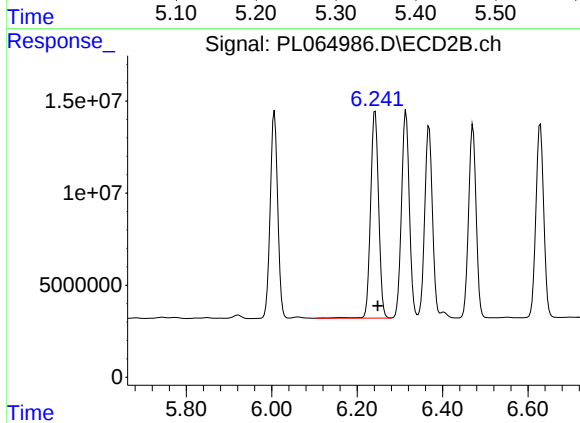
R.T.: 5.612 min
Delta R.T.: 0.020 min
Response: 150966992
Conc: 1731.39 ng/ml



#25 Chlordane-3

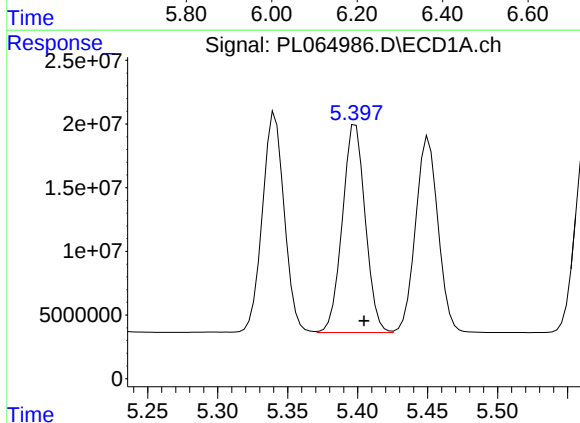
R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 187842931
Conc: 571.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



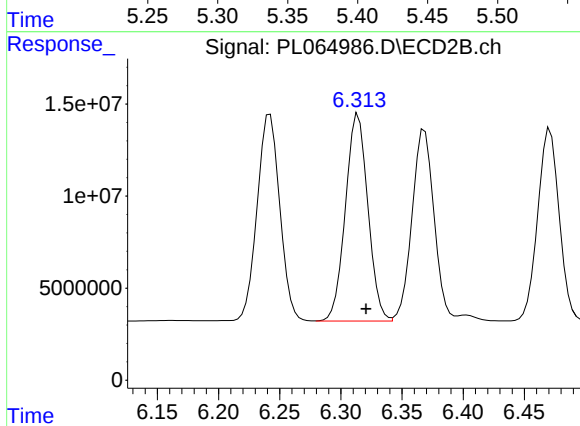
#25 Chlordane-3

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 146449355
Conc: 478.97 ng/ml



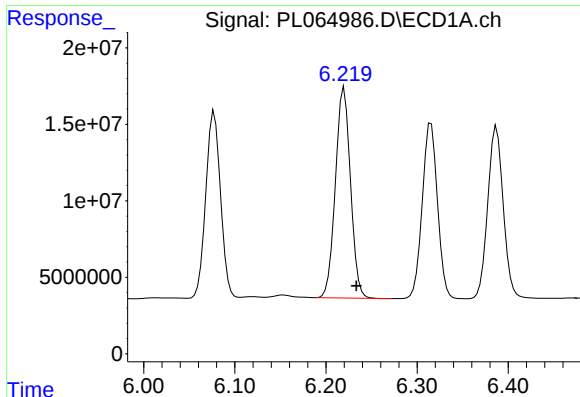
#26 Chlordane-4

R.T.: 5.399 min
Delta R.T.: -0.006 min
Response: 185906865
Conc: 675.67 ng/ml



#26 Chlordane-4

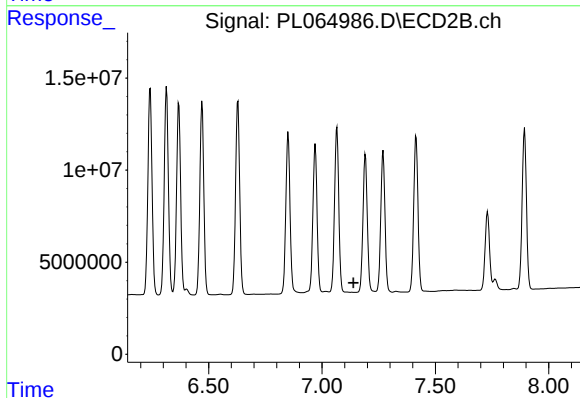
R.T.: 6.314 min
Delta R.T.: -0.006 min
Response: 143782550
Conc: 388.10 ng/ml



#27 Chlordane-5

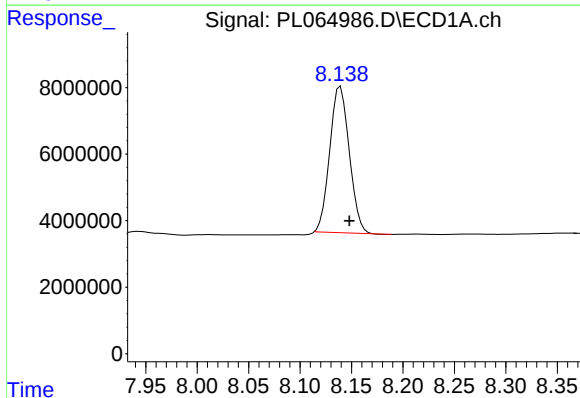
R.T.: 6.220 min
Delta R.T.: -0.013 min
Response: 158248501
Conc: 1564.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



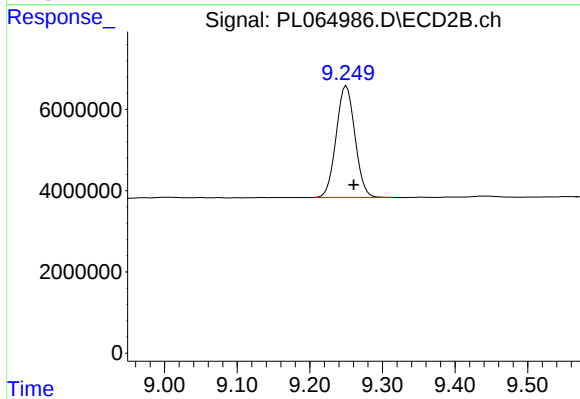
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.139 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.139 min
Delta R.T.: -0.009 min
Response: 58036852
Conc: 25.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.250 min
Delta R.T.: -0.010 min
Response: 49339237
Conc: 25.98 ng/ml