

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020421\
 Data File : PL064625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2021 11:29
 Operator : AR\AJ
 Sample : M1291-22RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 02:02:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012921.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 29 04:48:57 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...	3.433	4.107	41579487	25279583	13.659	10.613
28)	SA Decachlor...	8.163	9.270	1425.0E6	1129.8E6	452.195	551.813
Target Compounds							
2)	A alpha-BHC	3.880	4.501	2082345	325786	0.415	0.094 #
3)	MA gamma-BHC...	0.000	4.803	0	637809	N.D.	0.193 #
4)	MA Heptachlor	4.437	0.000	5453208	0	1.179	N.D. #
5)	MB Aldrin	4.698	5.615	33348684	120.4E6	7.848	40.333 #
6)	B beta-BHC	0.000	4.990	0	5991110	N.D.	3.540 #
7)	B delta-BHC	4.597	5.228f	55596033	85545803	11.948	27.773 #
8)	B Heptachlo...	5.154f	6.007	22098708	118.9E6	5.425	46.431 #
9)	A Endosulfan I	5.495f	0.000	4918294	0	1.302	N.D. #
10)	B gamma-Chl...	5.377f	6.267	12141610	31572762	2.933	10.860 #
11)	B alpha-Chl...	0.000	6.348f	0	13669187	N.D.	4.645 #
12)	B 4,4'-DDE	5.571	6.507f	8471121	64088430	2.247	24.751 #
13)	MA Dieldrin	5.725f	6.625	367.6E6	406.3E6	91.914	147.373 #
14)	MA Endrin	5.965	6.845f	108.5E6	23229743	29.649	10.119 #
15)	B Endosulfa...	6.231	7.051f	191.4E6	935.3E6	52.905	378.905 #
16)	A 4,4'-DDD	0.000	6.984	0	996.1E6	N.D.	432.735 #
17)	MA 4,4'-DDT	6.330	0.000	204.6E6	0	66.675	N.D. #
18)	B Endrin al...	6.423f	7.201	1698.2E6	5621012	553.656	2.647 #
19)	B Endosulfa...	6.617	7.444f	4735.0E6	1678347	1302.662	0.698 #
20)	A Methoxychlor	6.861f	7.726	4279.8E6	168.0E6	2369.346	132.760 #
21)	B Endrin ke...	0.000	7.882f	0	882.1E6	N.D.	362.768 #
22)	Mirex	0.000	8.369	0	3401.1E6	N.D.	1770.969 #
23)	Chlordane-1	4.316f	5.141f	5122834	75171298	46.604	799.359 #
24)	Chlordane-2	4.779	5.615f	105.3E6	120.4E6	789.441	1160.682 #
25)	Chlordane-3	5.377f	6.267f	12141610	31572762	33.659	88.072 #
26)	Chlordane-4	0.000	6.348f	0	13669187	N.D.	31.083 #
27)	Chlordane-5	6.231	7.159	191.4E6	-4533210	1607.499	N.D. #

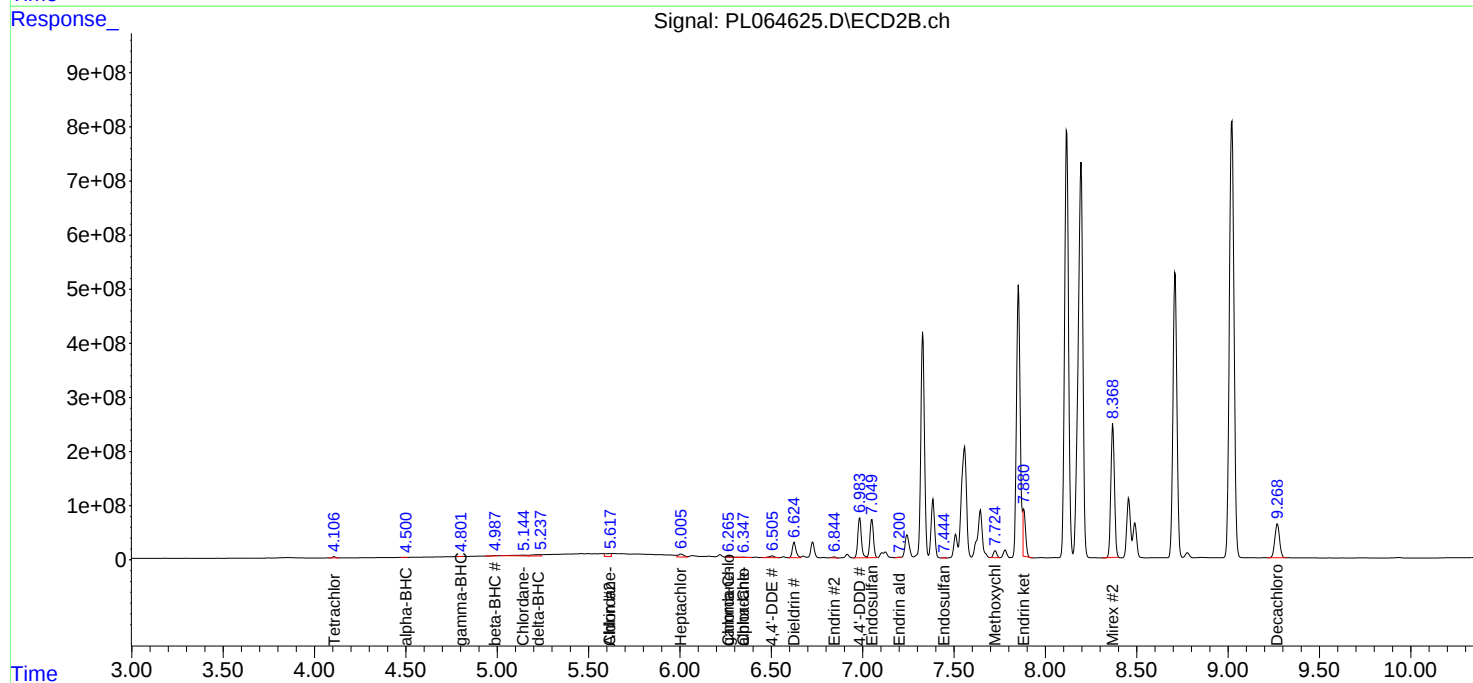
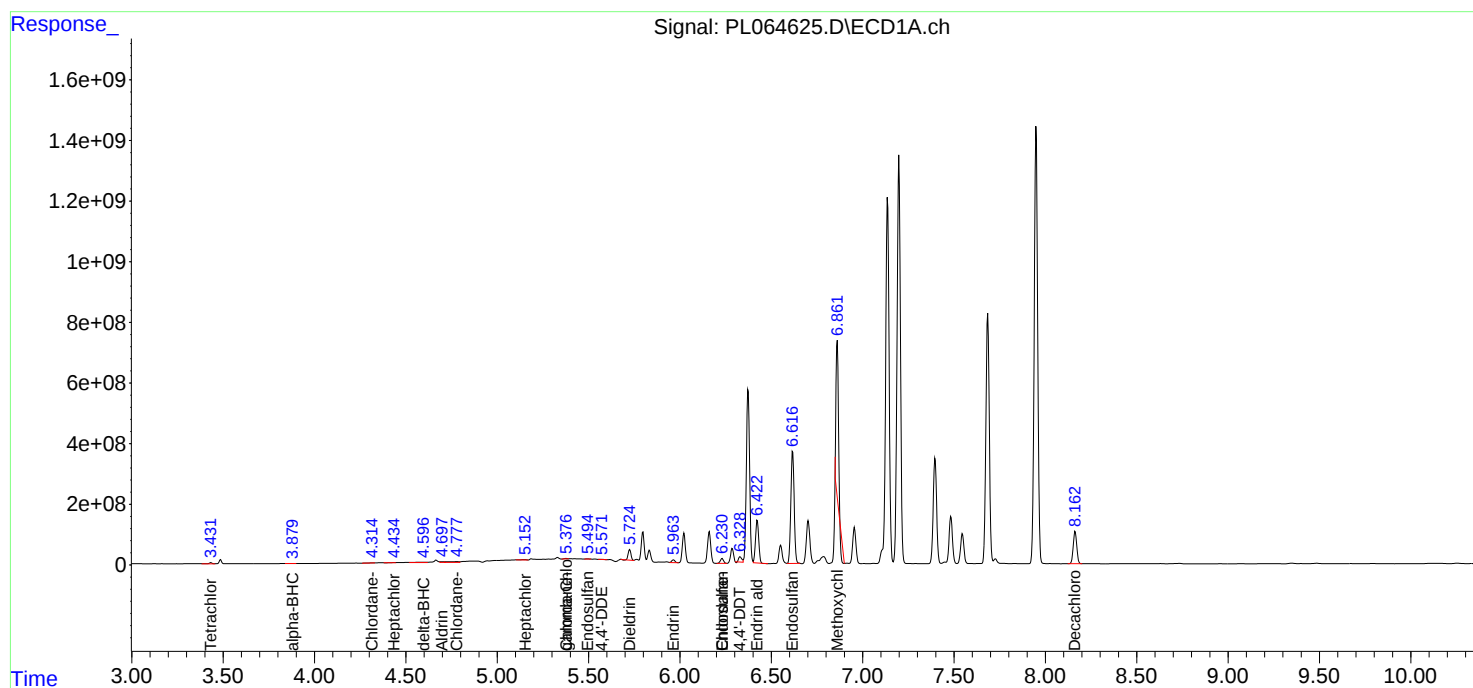
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

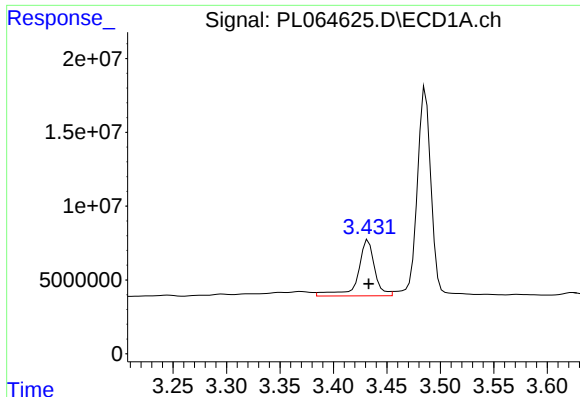
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

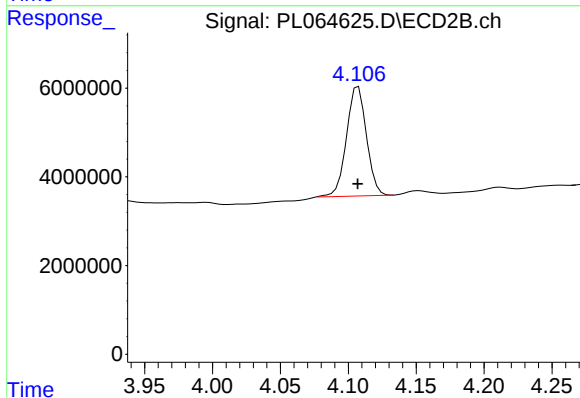




#1 Tetrachloro-m-xylene

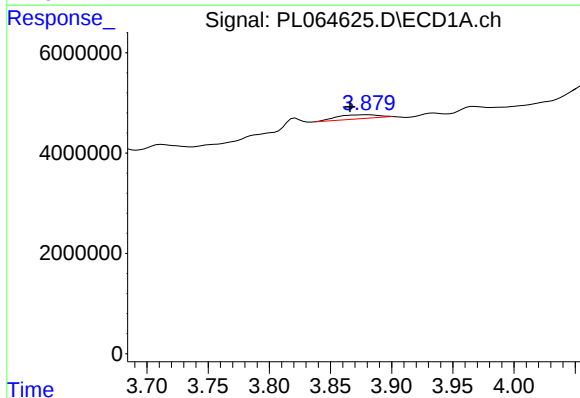
R.T.: 3.433 min
Delta R.T.: 0.000 min
Response: 41579487
Conc: 13.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



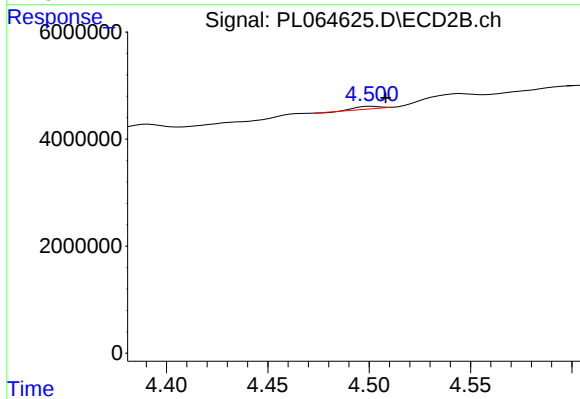
#1 Tetrachloro-m-xylene

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 25279583
Conc: 10.61 ng/ml



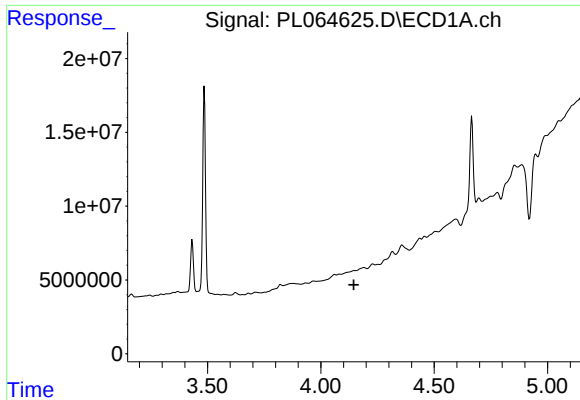
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.014 min
Response: 2082345
Conc: 0.42 ng/ml



#2 alpha-BHC

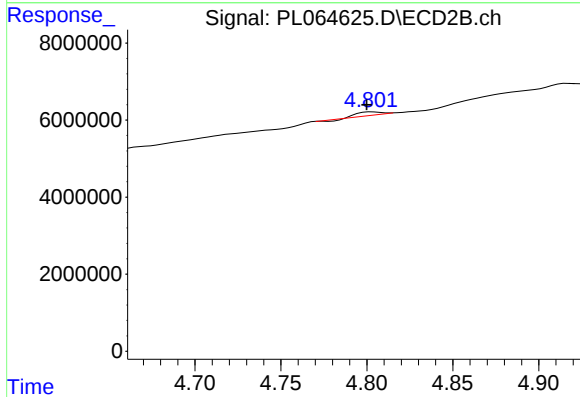
R.T.: 4.501 min
Delta R.T.: -0.007 min
Response: 325786
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

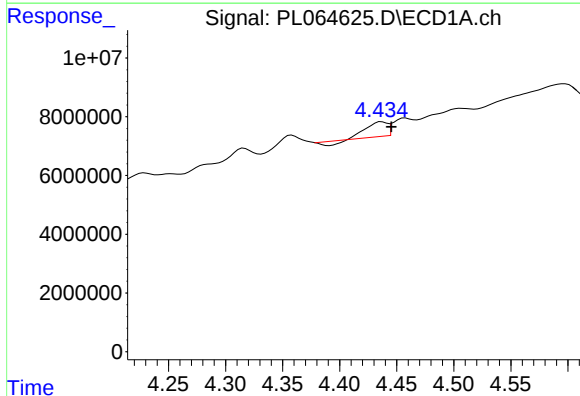
R.T.: 0.000 min
Exp R.T.: 4.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



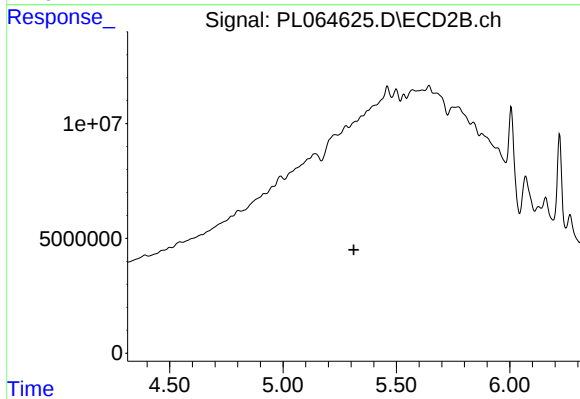
#3 gamma-BHC (Lindane)

R.T.: 4.803 min
Delta R.T.: 0.003 min
Response: 637809
Conc: 0.19 ng/ml



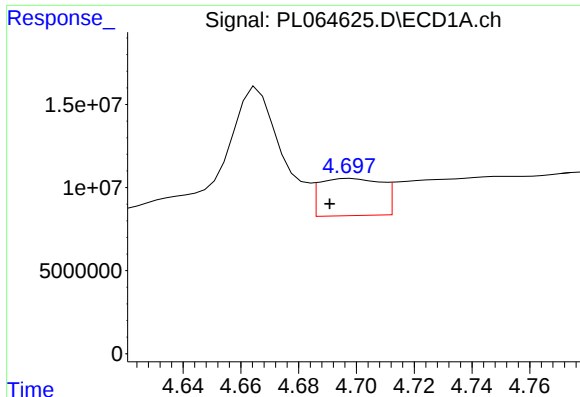
#4 Heptachlor

R.T.: 4.437 min
Delta R.T.: -0.008 min
Response: 5453208
Conc: 1.18 ng/ml



#4 Heptachlor

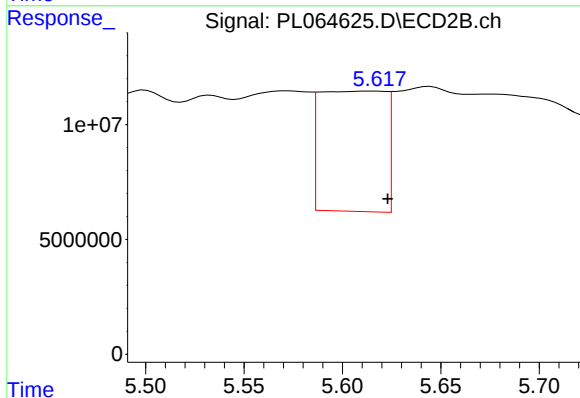
R.T.: 0.000 min
Exp R.T.: 5.312 min
Response: 0
Conc: N.D.



#5 Aldrin

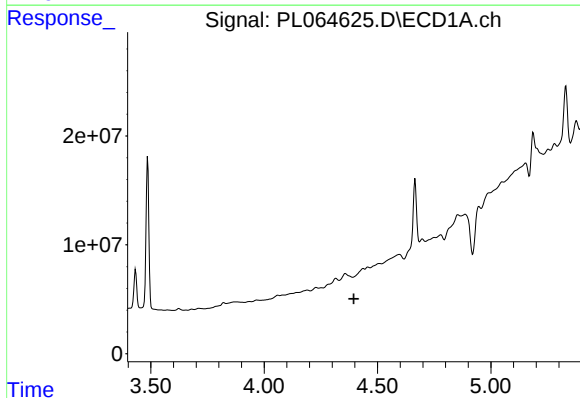
R.T.: 4.698 min
Delta R.T.: 0.007 min
Response: 33348684
Conc: 7.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



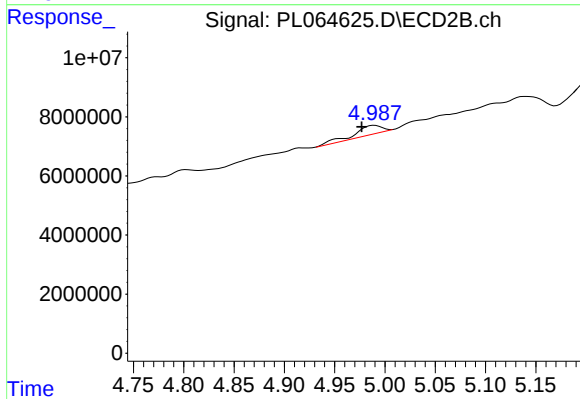
#5 Aldrin

R.T.: 5.615 min
Delta R.T.: -0.008 min
Response: 120386107
Conc: 40.33 ng/ml



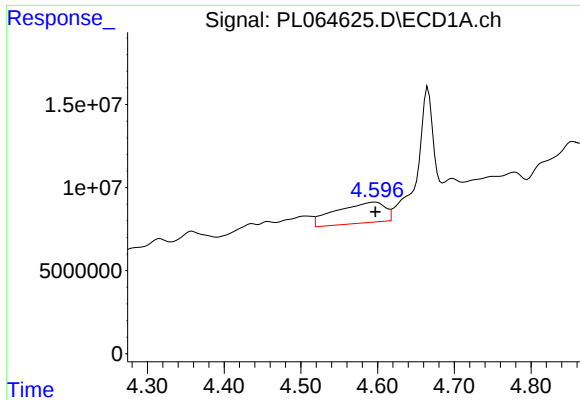
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.395 min
Response: 0
Conc: N.D.



#6 beta-BHC

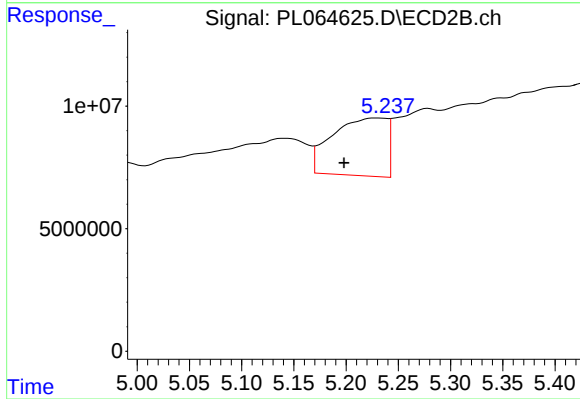
R.T.: 4.990 min
Delta R.T.: 0.013 min
Response: 5991110
Conc: 3.54 ng/ml



#7 delta-BHC

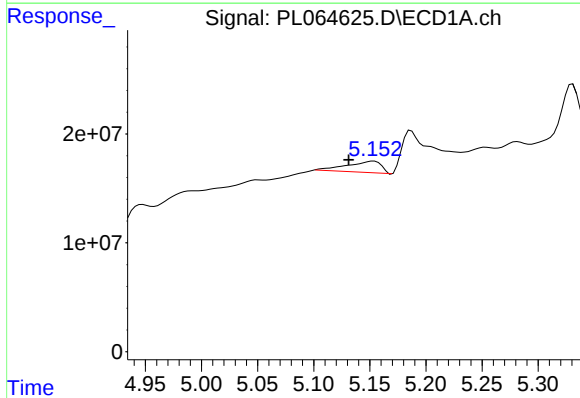
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 55596033
Conc: 11.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



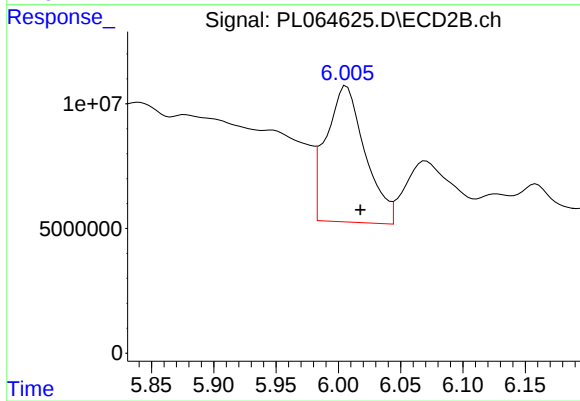
#7 delta-BHC

R.T.: 5.228 min
Delta R.T.: 0.030 min
Response: 85545803
Conc: 27.77 ng/ml



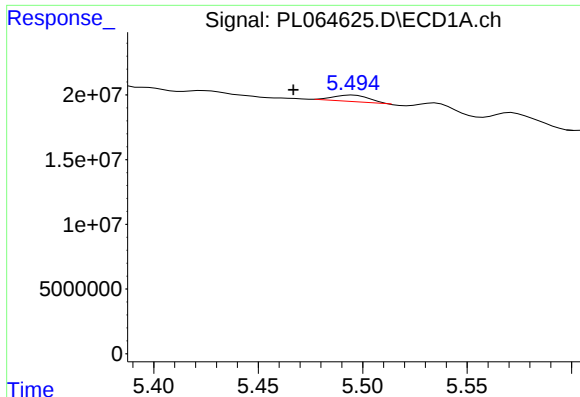
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.022 min
Response: 22098708
Conc: 5.42 ng/ml



#8 Heptachlor epoxide

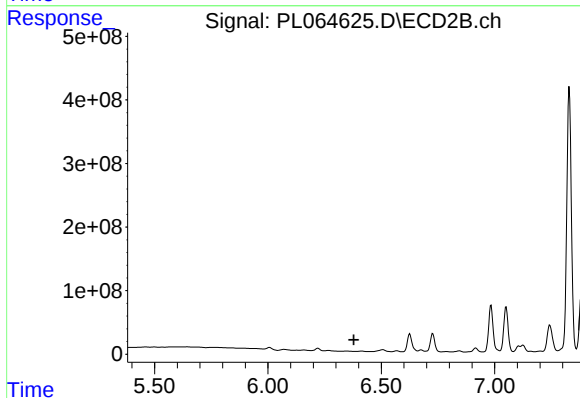
R.T.: 6.007 min
Delta R.T.: -0.011 min
Response: 118932456
Conc: 46.43 ng/ml



#9 Endosulfan I

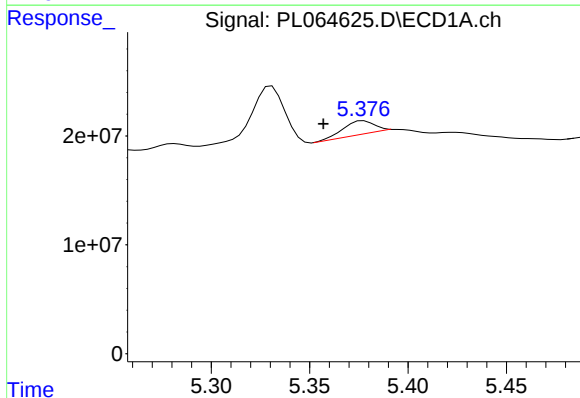
R.T.: 5.495 min
Delta R.T.: 0.028 min
Response: 4918294
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



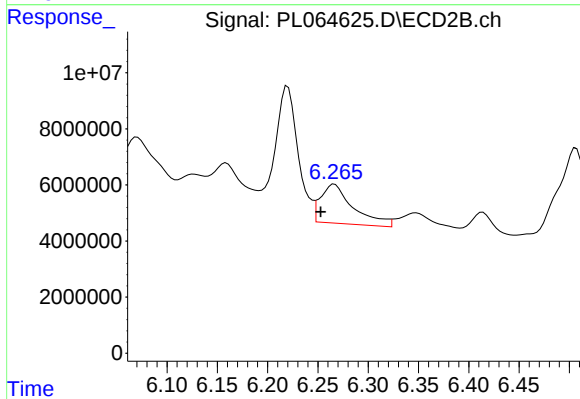
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.379 min
Response: 0
Conc: N.D.



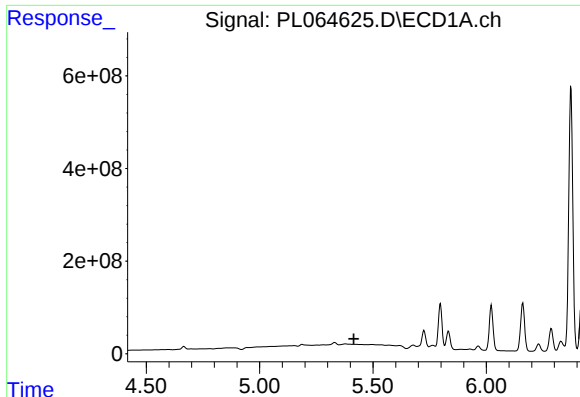
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 12141610
Conc: 2.93 ng/ml



#10 gamma-Chlordane

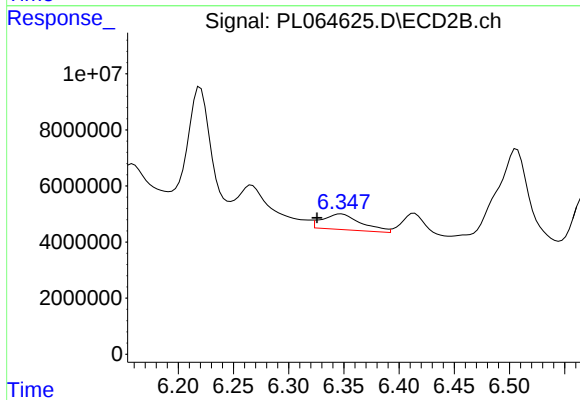
R.T.: 6.267 min
Delta R.T.: 0.014 min
Response: 31572762
Conc: 10.86 ng/ml



#11 alpha-Chlordane

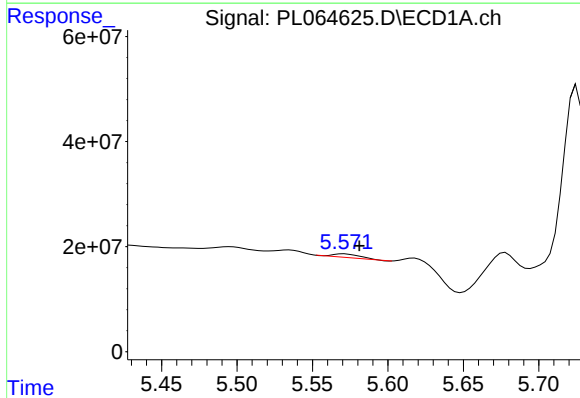
R.T.: 0.000 min
Exp R.T.: 5.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



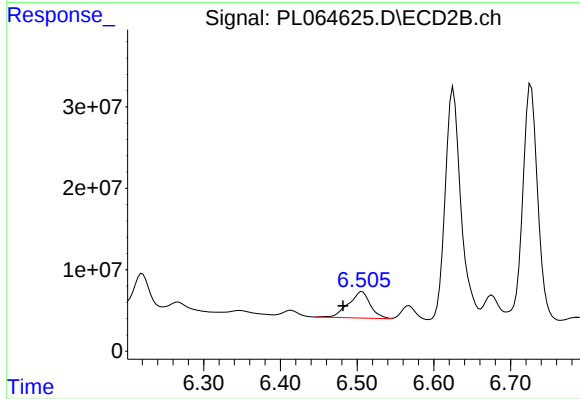
#11 alpha-Chlordane

R.T.: 6.348 min
Delta R.T.: 0.022 min
Response: 13669187
Conc: 4.65 ng/ml



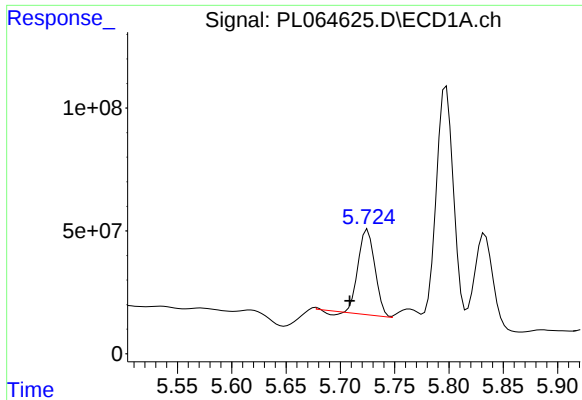
#12 4,4'-DDE

R.T.: 5.571 min
Delta R.T.: -0.010 min
Response: 8471121
Conc: 2.25 ng/ml



#12 4,4'-DDE

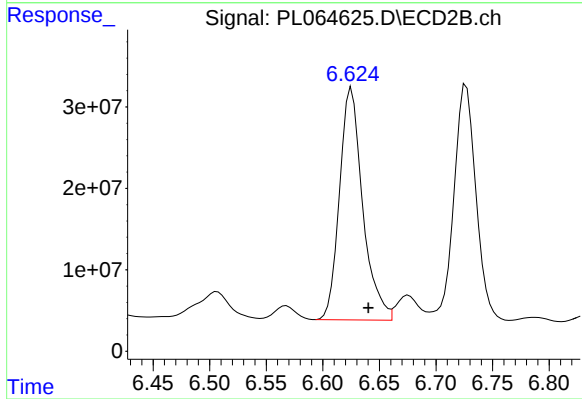
R.T.: 6.507 min
Delta R.T.: 0.025 min
Response: 64088430
Conc: 24.75 ng/ml



#13 Dieldrin

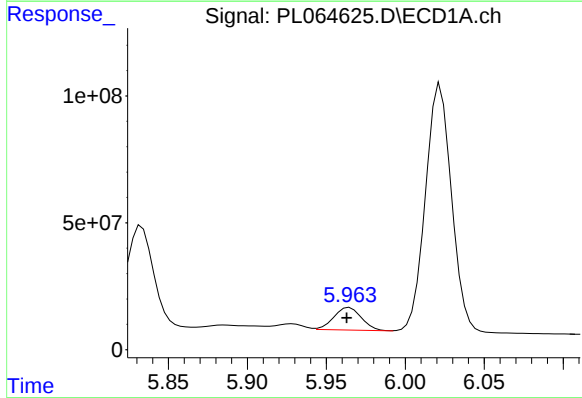
R.T.: 5.725 min
Delta R.T.: 0.016 min
Response: 367591497
Conc: 91.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



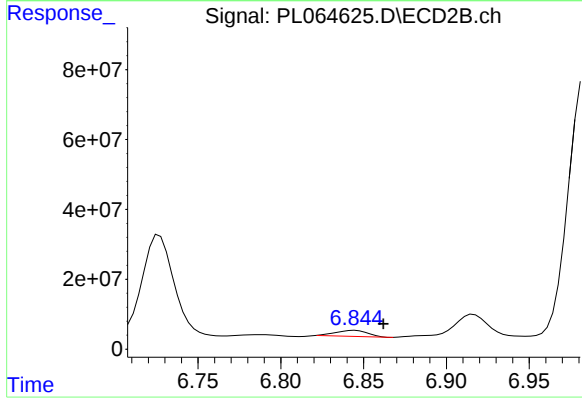
#13 Dieldrin

R.T.: 6.625 min
Delta R.T.: -0.015 min
Response: 406301168
Conc: 147.37 ng/ml



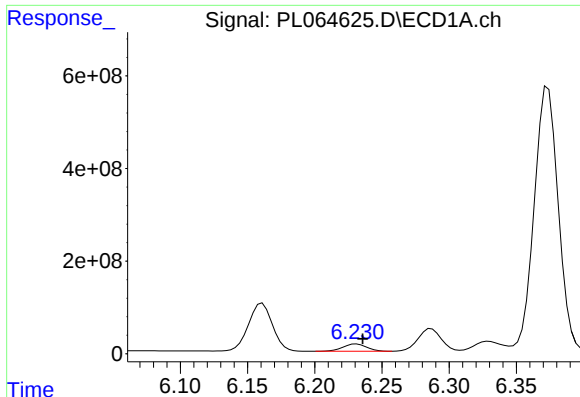
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 108453294
Conc: 29.65 ng/ml



#14 Endrin

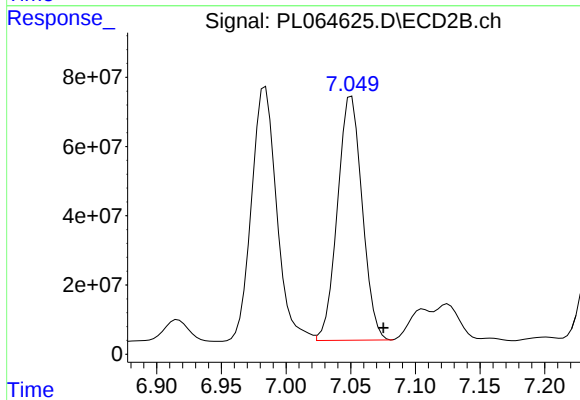
R.T.: 6.845 min
Delta R.T.: -0.017 min
Response: 23229743
Conc: 10.12 ng/ml



#15 Endosulfan II

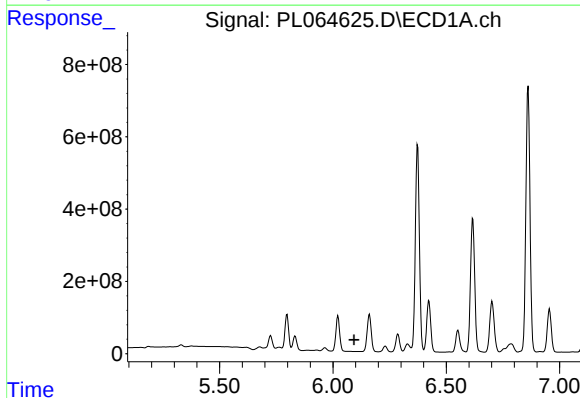
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 191370933
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



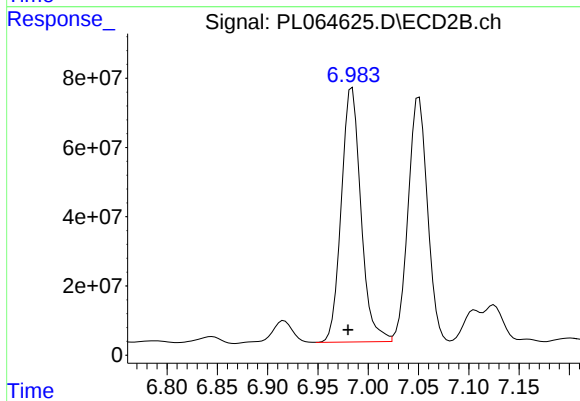
#15 Endosulfan II

R.T.: 7.051 min
Delta R.T.: -0.025 min
Response: 935311032
Conc: 378.91 ng/ml



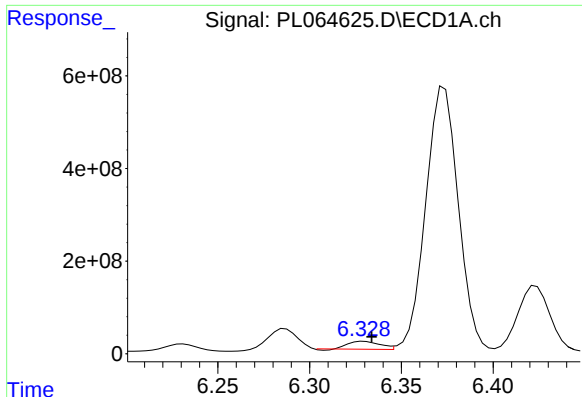
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.094 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

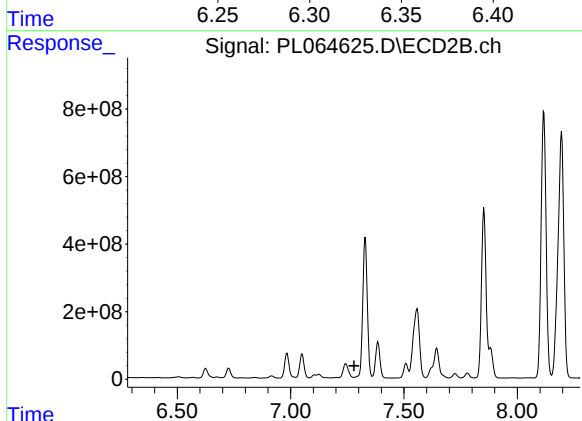
R.T.: 6.984 min
Delta R.T.: 0.004 min
Response: 996106946
Conc: 432.74 ng/ml



#17 4,4'-DDT

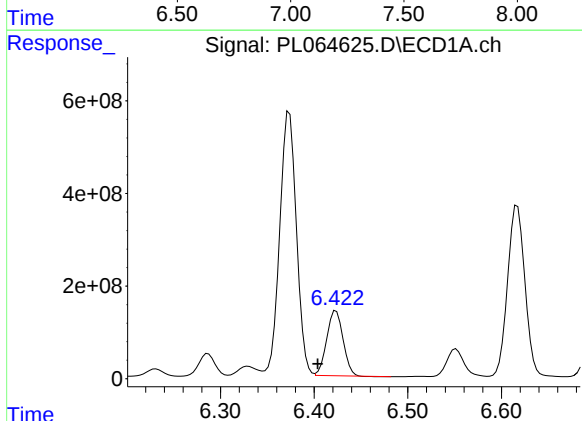
R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 204625615
Conc: 66.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



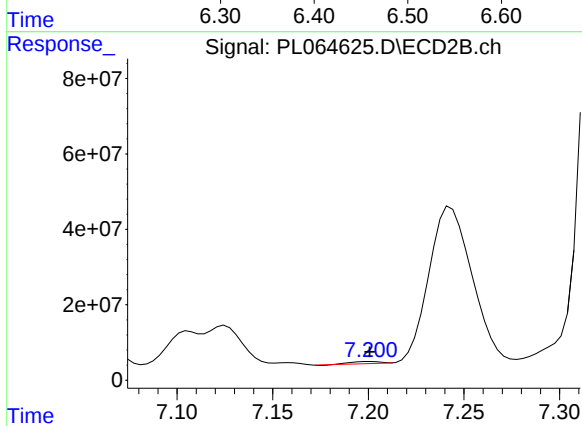
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.280 min
Response: 0
Conc: N.D.



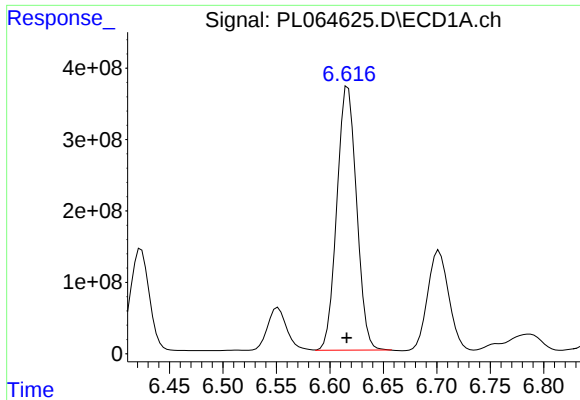
#18 Endrin aldehyde

R.T.: 6.423 min
Delta R.T.: 0.020 min
Response: 1698174260
Conc: 553.66 ng/ml



#18 Endrin aldehyde

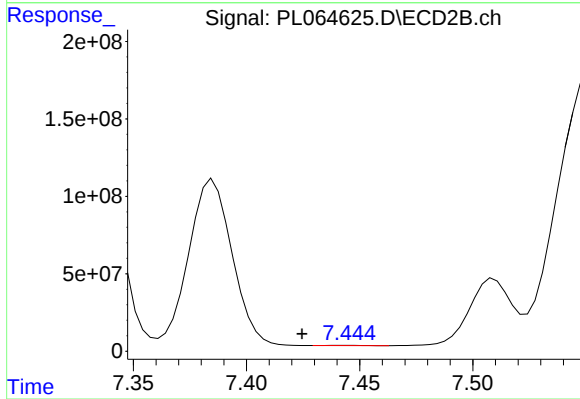
R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 5621012
Conc: 2.65 ng/ml



#19 Endosulfan Sulfate

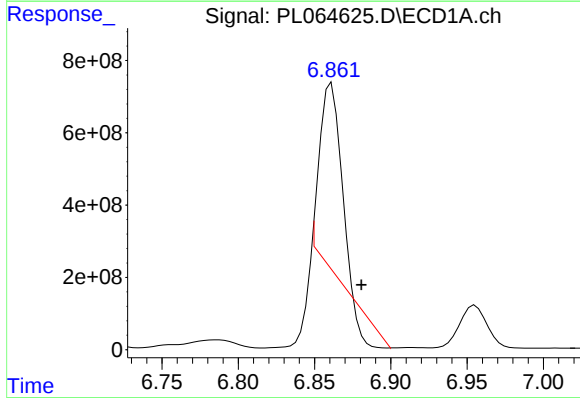
R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 4734957980
Conc: 1302.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



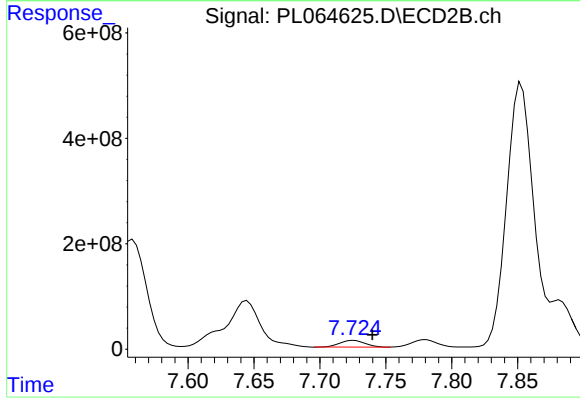
#19 Endosulfan Sulfate

R.T.: 7.444 min
Delta R.T.: 0.020 min
Response: 1678347
Conc: 0.70 ng/ml



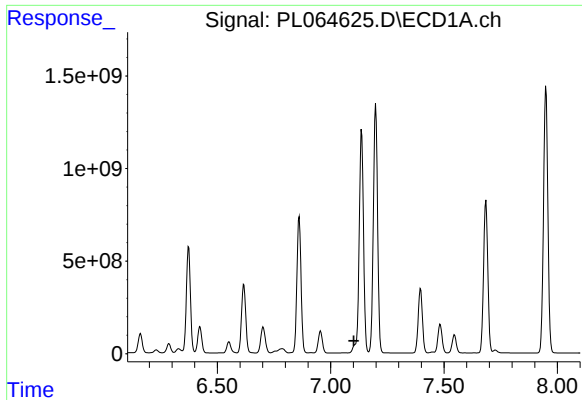
#20 Methoxychlor

R.T.: 6.861 min
Delta R.T.: -0.020 min
Response: 4279826552
Conc: 2369.35 ng/ml



#20 Methoxychlor

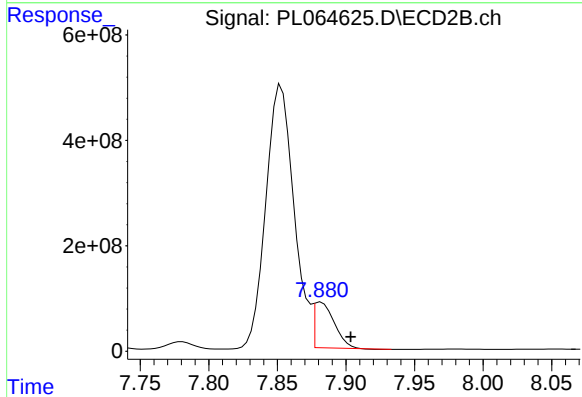
R.T.: 7.726 min
Delta R.T.: -0.014 min
Response: 167960917
Conc: 132.76 ng/ml



#21 Endrin ketone

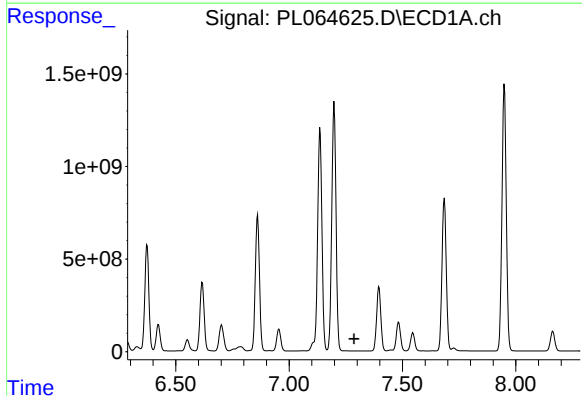
R.T.: 0.000 min
Exp R.T.: 7.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



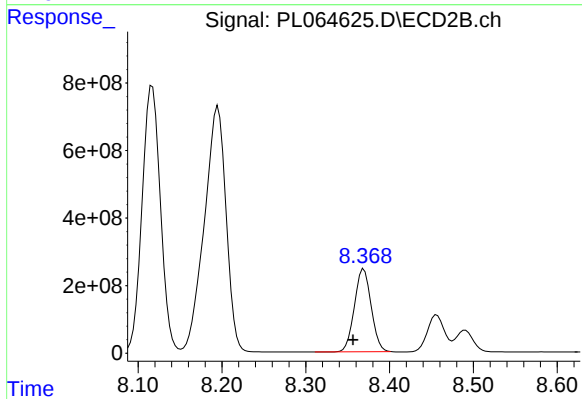
#21 Endrin ketone

R.T.: 7.882 min
Delta R.T.: -0.022 min
Response: 882130529
Conc: 362.77 ng/ml



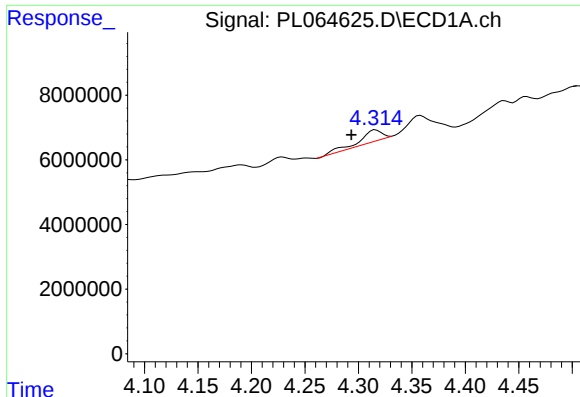
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.287 min
Response: 0
Conc: N.D.



#22 Mirex

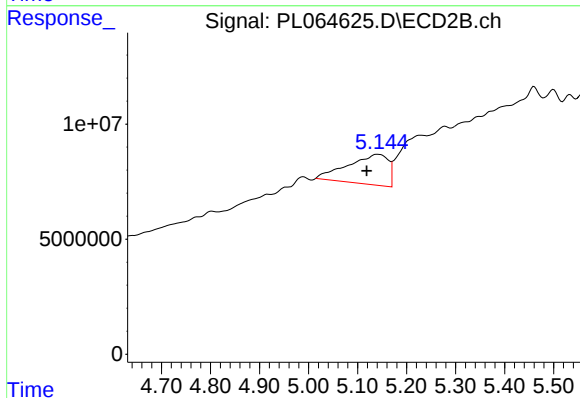
R.T.: 8.369 min
Delta R.T.: 0.013 min
Response: 3401113297
Conc: 1770.97 ng/ml



#23 Chlordane-1

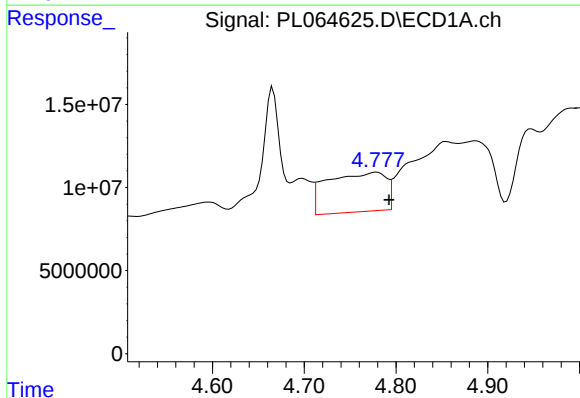
R.T.: 4.316 min
Delta R.T.: 0.023 min
Response: 5122834
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



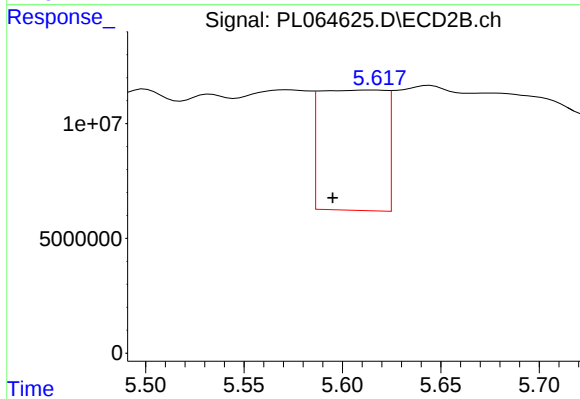
#23 Chlordane-1

R.T.: 5.141 min
Delta R.T.: 0.022 min
Response: 75171298
Conc: 799.36 ng/ml



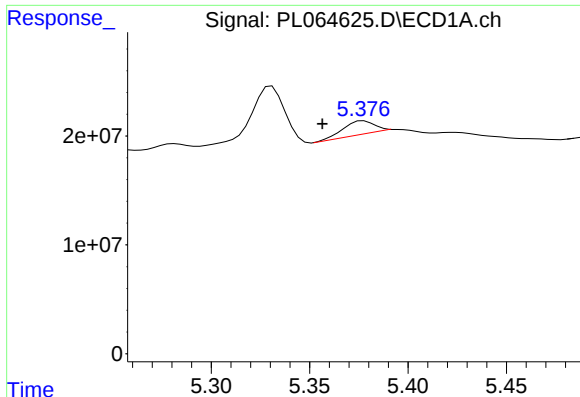
#24 Chlordane-2

R.T.: 4.779 min
Delta R.T.: -0.013 min
Response: 105256246
Conc: 789.44 ng/ml



#24 Chlordane-2

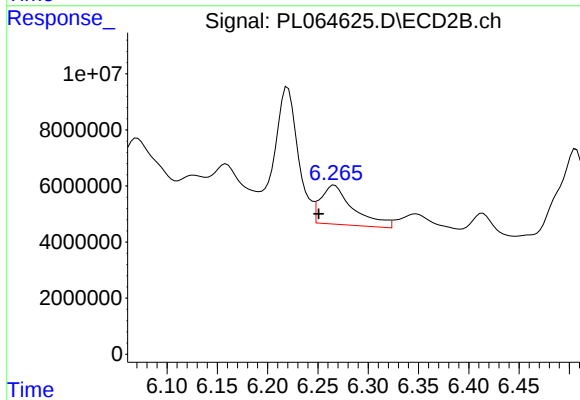
R.T.: 5.615 min
Delta R.T.: 0.020 min
Response: 120386107
Conc: 1160.68 ng/ml



#25 Chlordane-3

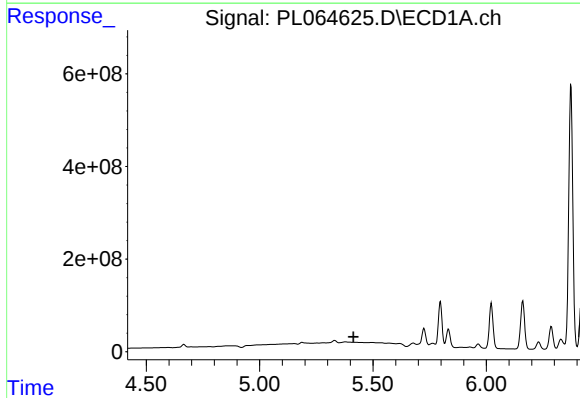
R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 12141610
Conc: 33.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



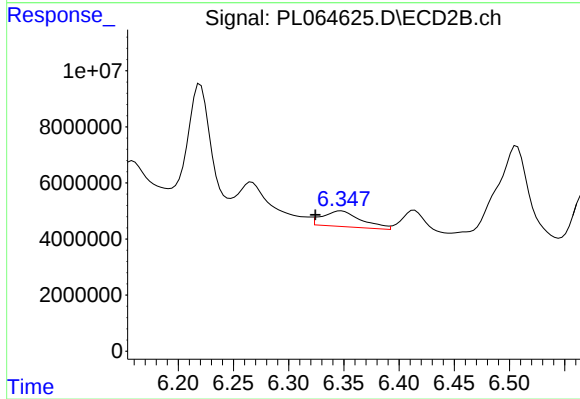
#25 Chlordane-3

R.T.: 6.267 min
Delta R.T.: 0.016 min
Response: 31572762
Conc: 88.07 ng/ml



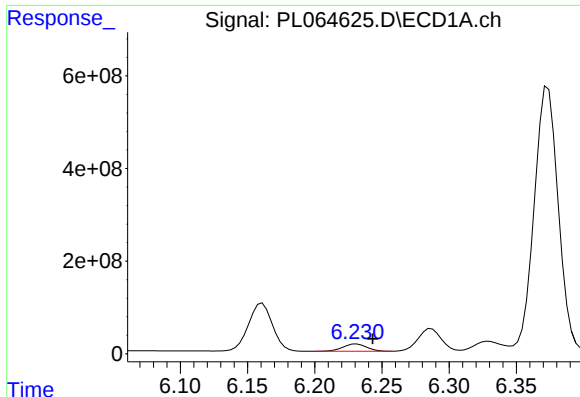
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.414 min
Response: 0
Conc: N.D.



#26 Chlordane-4

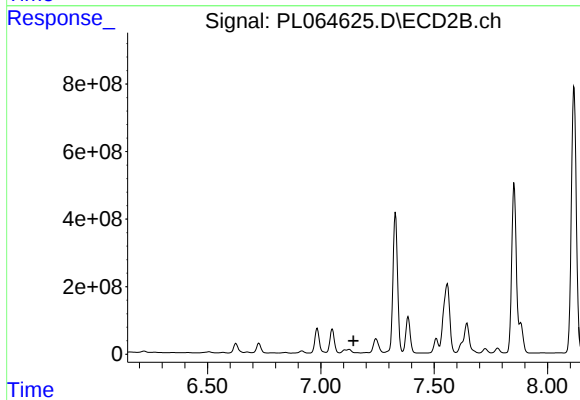
R.T.: 6.348 min
Delta R.T.: 0.023 min
Response: 13669187
Conc: 31.08 ng/ml



#27 Chlordane-5

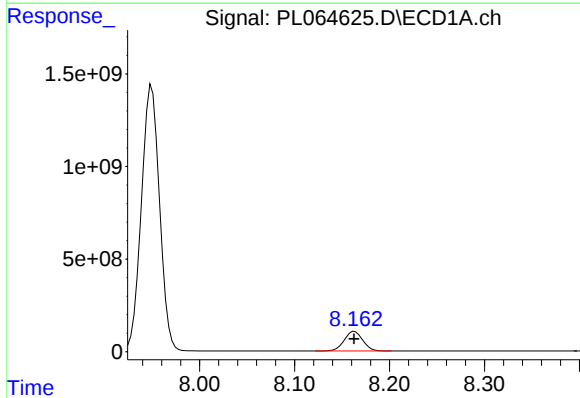
R.T.: 6.231 min
Delta R.T.: -0.012 min
Response: 191370933
Conc: 1607.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



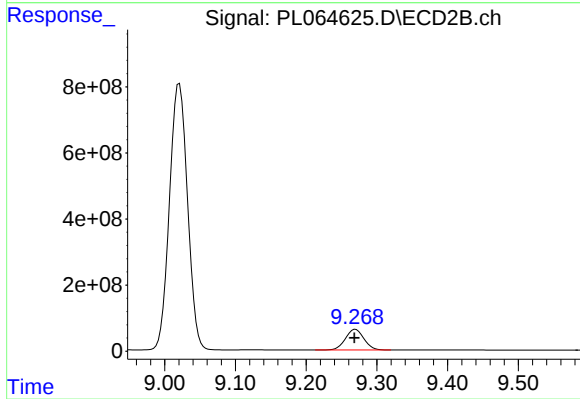
#27 Chlordane-5

R.T.: 7.159 min
Delta R.T.: 0.015 min
Response: -4533210
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 1425032363
Conc: 452.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.270 min
Delta R.T.: 0.001 min
Response: 1129779839
Conc: 551.81 ng/ml