

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2023 06:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 06:25:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.679	211.3E6	85918349	56.141	51.042
28)	SA Decachlor...	8.977	7.865	194.7E6	87004888	57.087	51.514
Target Compounds							
2)	A alpha-BHC	3.878	3.182	311.4E6	126.7E6	57.507	51.566
3)	MA gamma-BHC...	4.212	3.512	294.5E6	122.7E6	56.031	50.636
4)	MA Heptachlor	4.804	3.855	273.4E6	113.3E6	51.325	47.390
5)	MB Aldrin	5.147	4.135	282.3E6	117.6E6	54.222	49.047
6)	B beta-BHC	4.411	3.814	124.2E6	50776370	54.081	48.777
7)	B delta-BHC	4.657	4.043	201.4E6	125.5E6	38.521	51.309 #
8)	B Heptachlo...	5.577	4.643	256.4E6	105.6E6	54.402	47.445
9)	A Endosulfan I	5.963	5.013	238.8E6	100.1E6	53.456	46.336
10)	B gamma-Chl...	5.835	4.896	275.4E6	108.2E6	56.814	47.309
11)	B alpha-Chl...	5.915	4.960	260.9E6	108.9E6	54.280	47.202
12)	B 4,4'-DDE	6.096	5.158	220.5E6	94955450	53.202	47.824
13)	MA Dieldrin	6.242	5.281	238.5E6	104.1E6	51.394	46.733
14)	MA Endrin	6.471	5.556	180.4E6	88285305	46.895	44.239
15)	B Endosulfa...	6.693	5.853	198.2E6	87928730	49.427	45.161
16)	A 4,4'-DDD	6.617	5.716	187.3E6	86969935	56.656	52.526
17)	MA 4,4'-DDT	6.933	5.969	171.9E6	75827783	45.721	41.114
18)	B Endrin al...	6.824	6.035	152.3E6	69432713	52.530	47.310
19)	B Endosulfa...	7.060	6.260	202.6E6	90228442	51.593	47.897
20)	A Methoxychlor	7.418	6.554	87563813	41611151	44.906	40.740
21)	B Endrin ke...	7.547	6.766	210.5E6	105.3E6	51.748	49.469
22)	Mirex	8.024	6.948	170.1E6	83929405	50.516	47.175
23)	Chlordane-1	0.000	3.714f	0	551897	N.D.	8.897 #
24)	Chlordane-2	5.147f	4.274	282.3E6	1642583	1620.674	21.395 #
25)	Chlordane-3	5.835	4.896	275.4E6	108.2E6	395.145	489.495
26)	Chlordane-4	5.915	4.960	260.9E6	108.9E6	305.093	467.935 #
27)	Chlordane-5	0.000	5.633	0	204826	N.D.	3.166 #

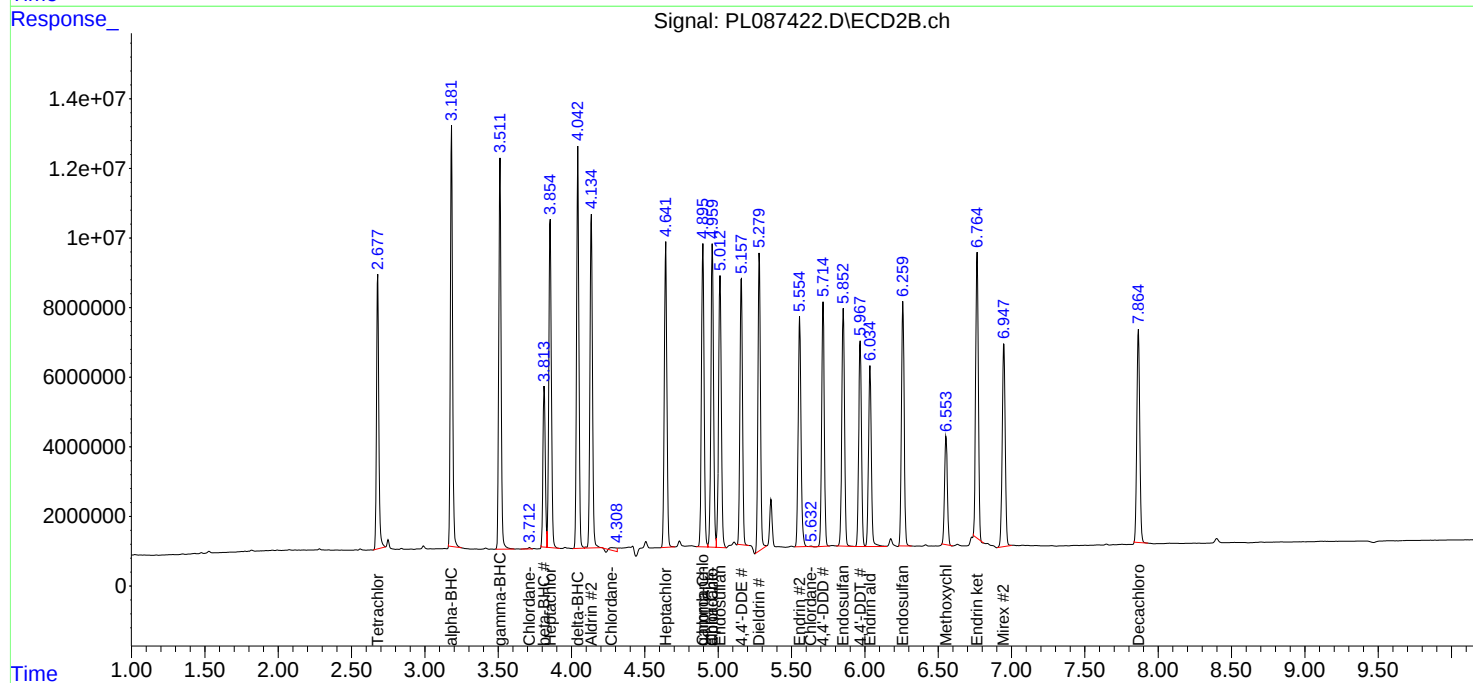
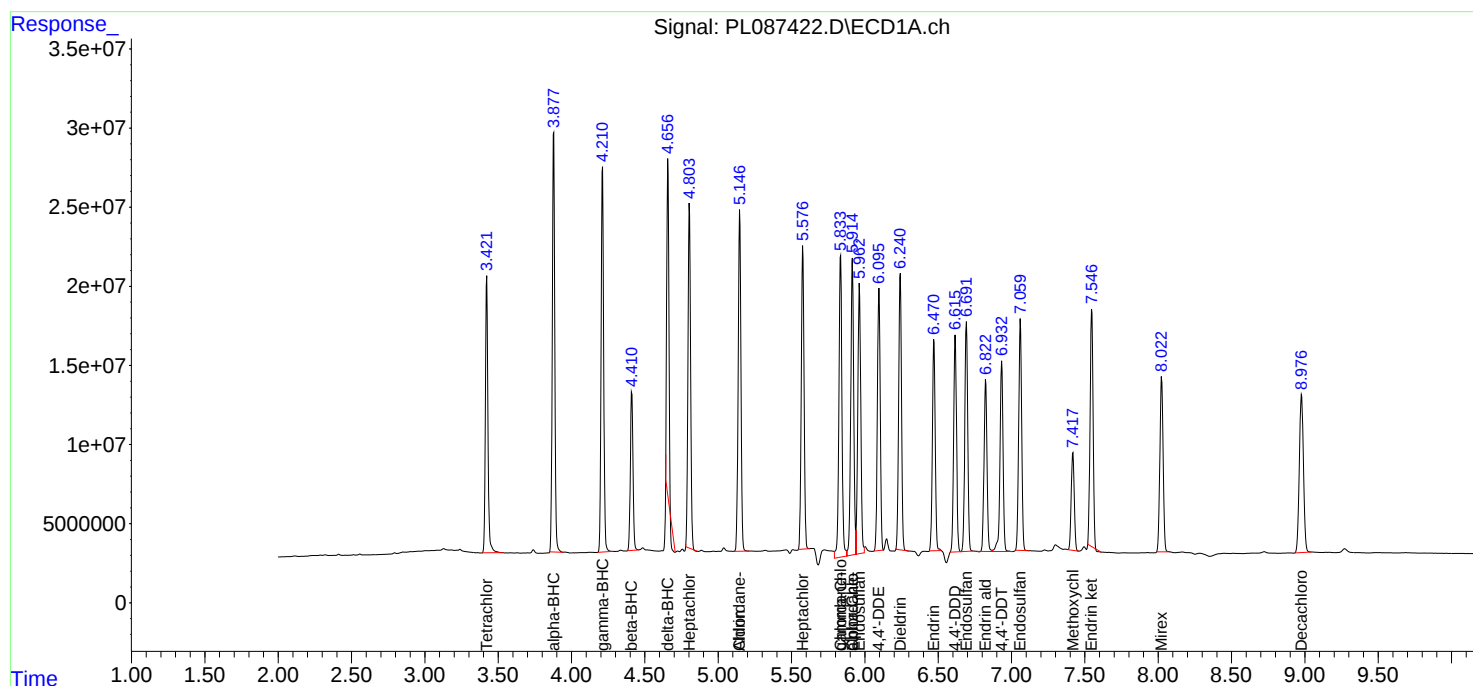
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

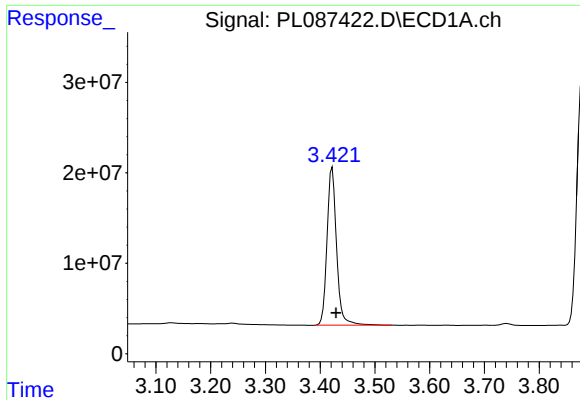
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

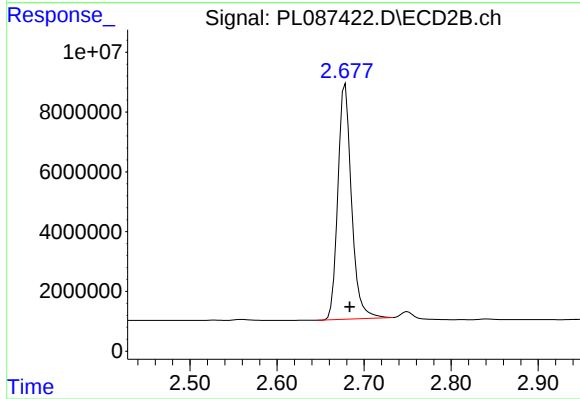




#1 Tetrachloro-m-xylene

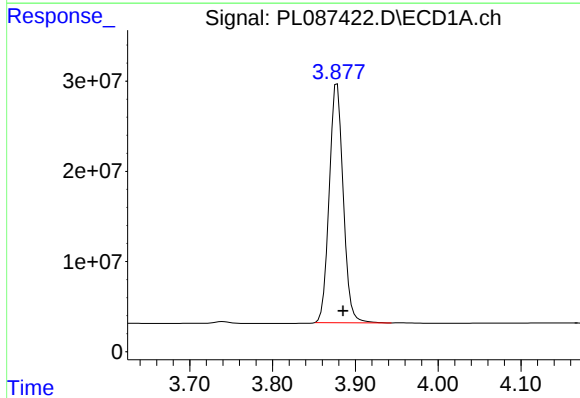
R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 211281961
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



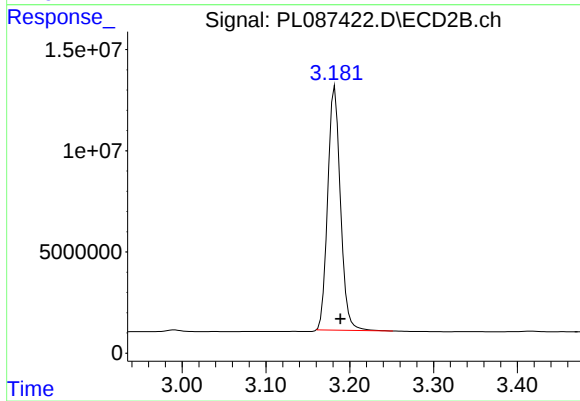
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 85918349
Conc: 51.04 ng/ml



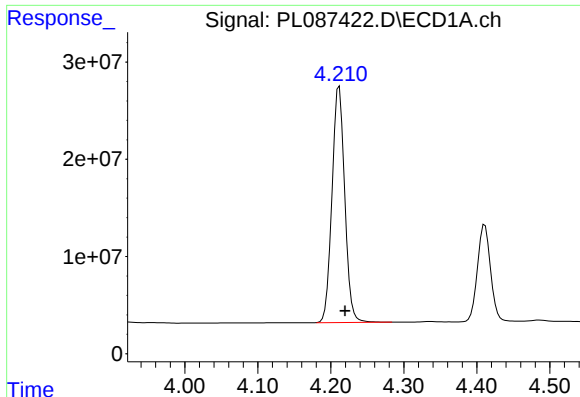
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 311353029
Conc: 57.51 ng/ml



#2 alpha-BHC

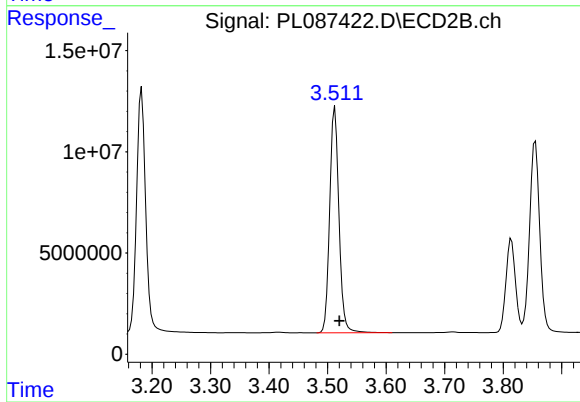
R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 126729443
Conc: 51.57 ng/ml



#3 gamma-BHC (Lindane)

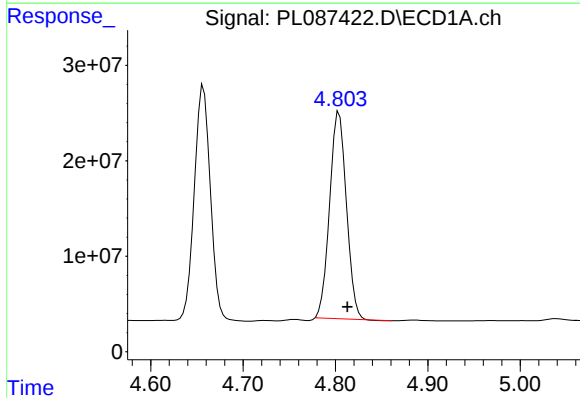
R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 294482226
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



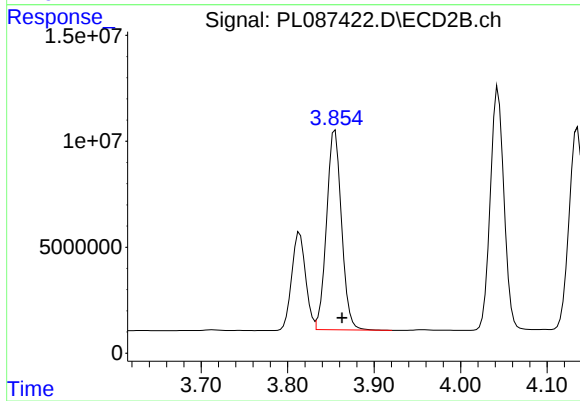
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 122660383
Conc: 50.64 ng/ml



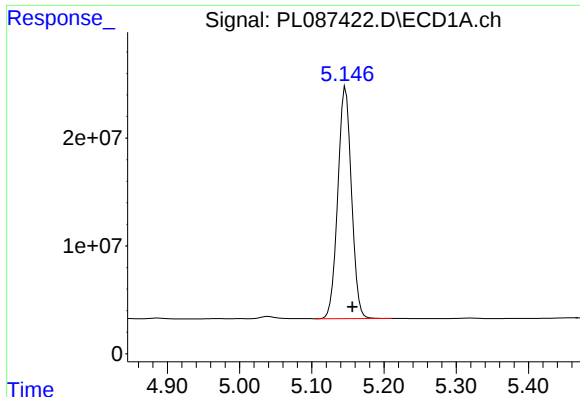
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 273386192
Conc: 51.32 ng/ml



#4 Heptachlor

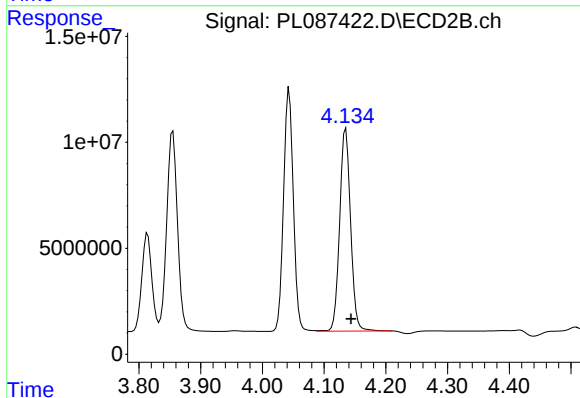
R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 113276551
Conc: 47.39 ng/ml



#5 Aldrin

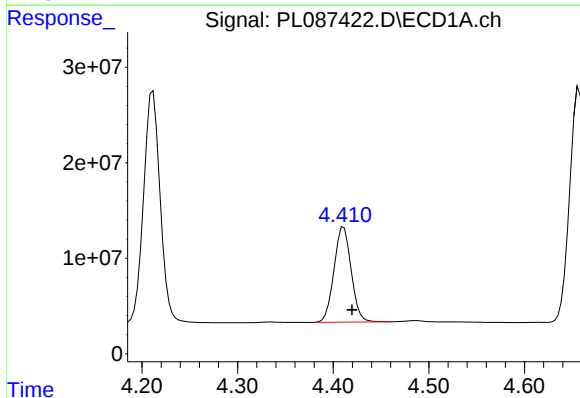
R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 282303509
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



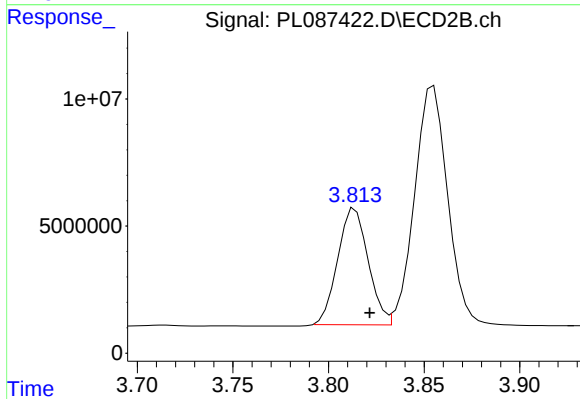
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.008 min
Response: 117603259
Conc: 49.05 ng/ml



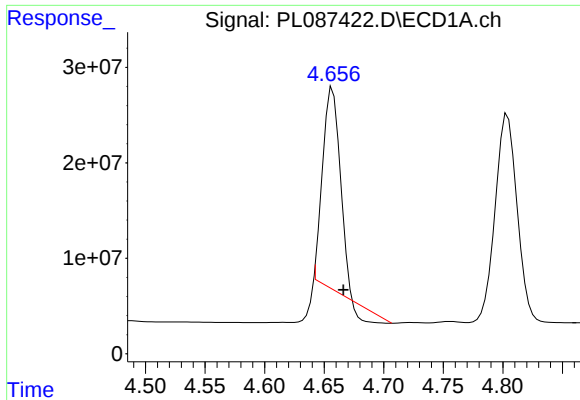
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 124212748
Conc: 54.08 ng/ml



#6 beta-BHC

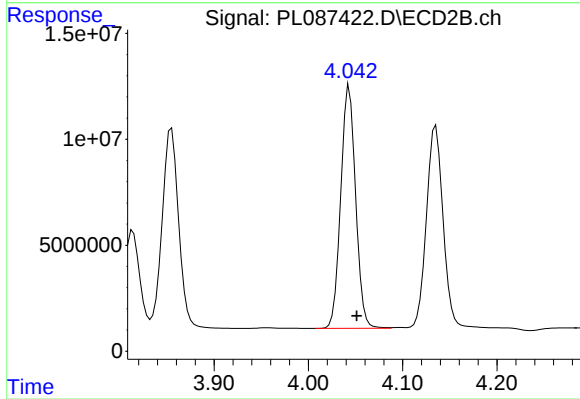
R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 50776370
Conc: 48.78 ng/ml



#7 delta-BHC

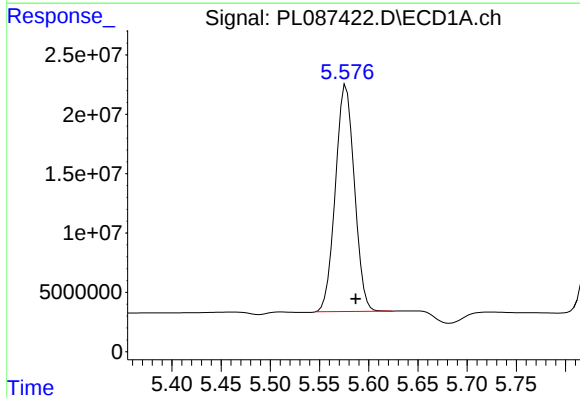
R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 201441985
Conc: 38.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



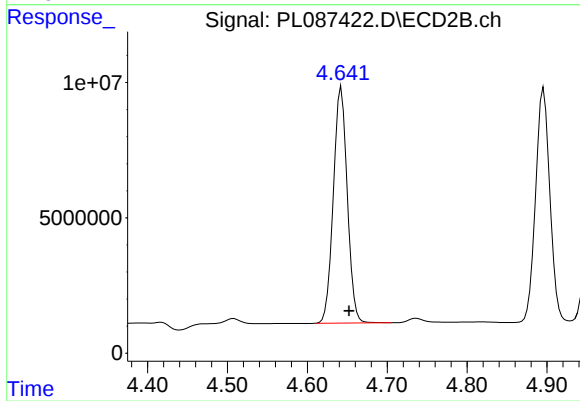
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 125511392
Conc: 51.31 ng/ml



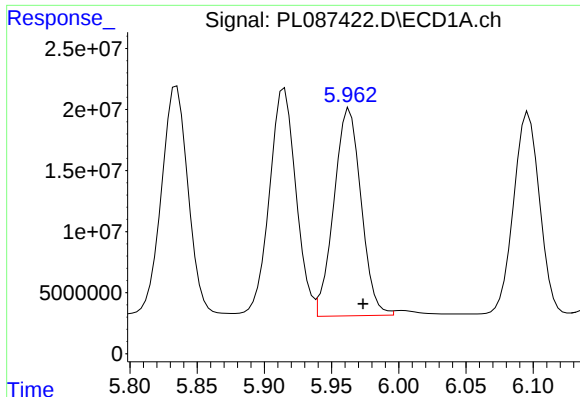
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 256384863
Conc: 54.40 ng/ml



#8 Heptachlor epoxide

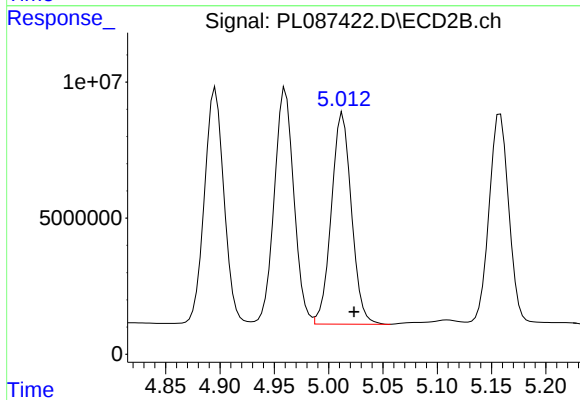
R.T.: 4.643 min
Delta R.T.: -0.010 min
Response: 105580521
Conc: 47.45 ng/ml



#9 Endosulfan I

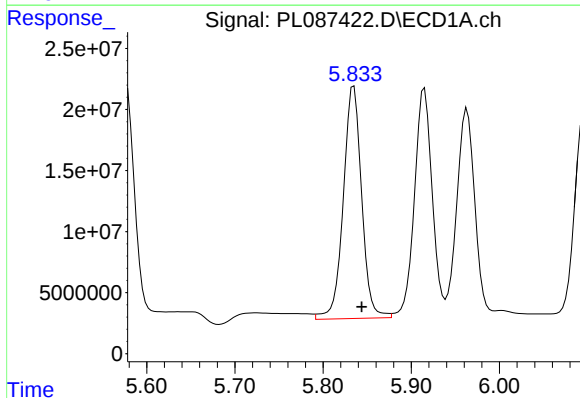
R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 238750539
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



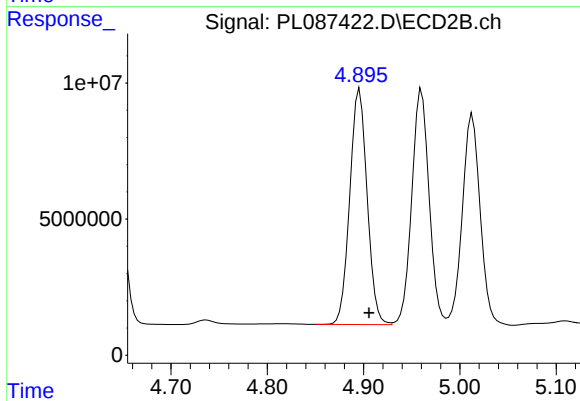
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.010 min
Response: 100139565
Conc: 46.34 ng/ml



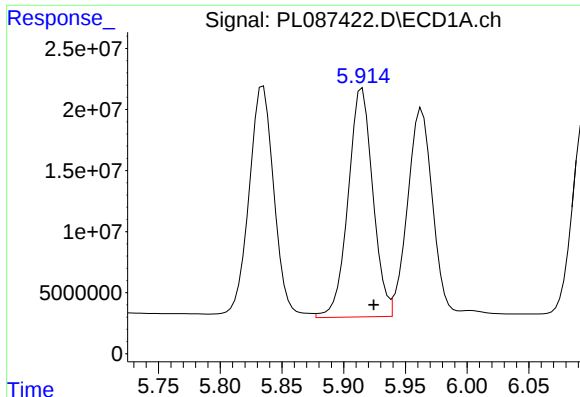
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 275437186
Conc: 56.81 ng/ml



#10 gamma-Chlordane

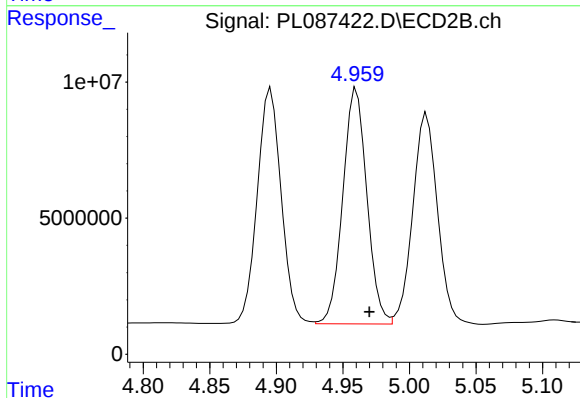
R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 108211122
Conc: 47.31 ng/ml



#11 alpha-Chlordane

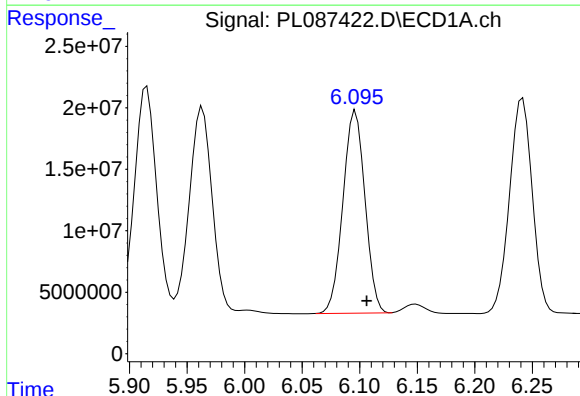
R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 260875526
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



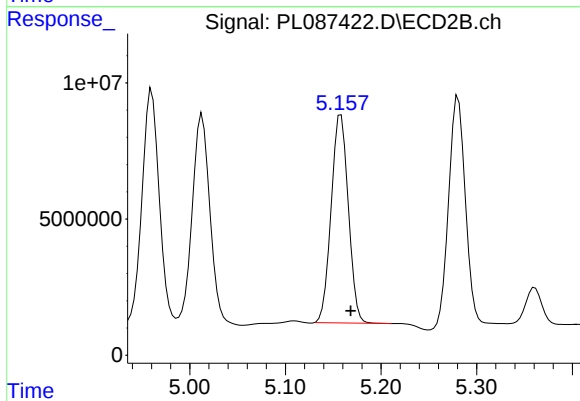
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 108943354
Conc: 47.20 ng/ml



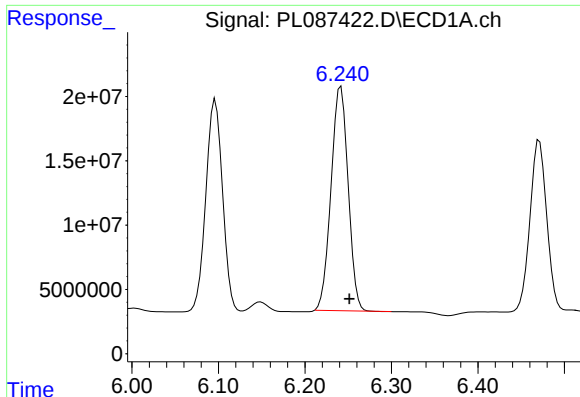
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 220469655
Conc: 53.20 ng/ml



#12 4,4'-DDE

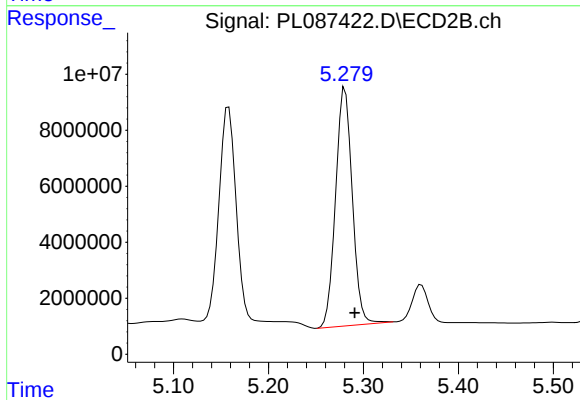
R.T.: 5.158 min
Delta R.T.: -0.010 min
Response: 94955450
Conc: 47.82 ng/ml



#13 Dieldrin

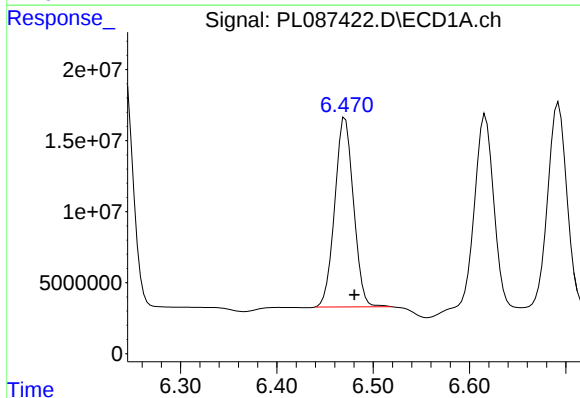
R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 238512891
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



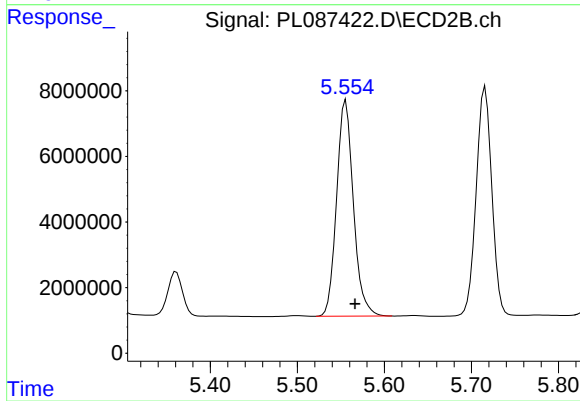
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 104109675
Conc: 46.73 ng/ml



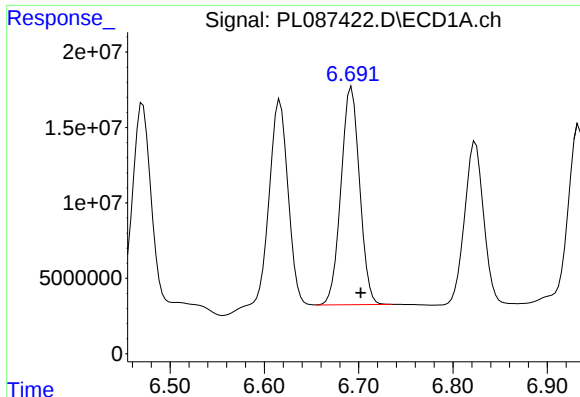
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 180424085
Conc: 46.90 ng/ml



#14 Endrin

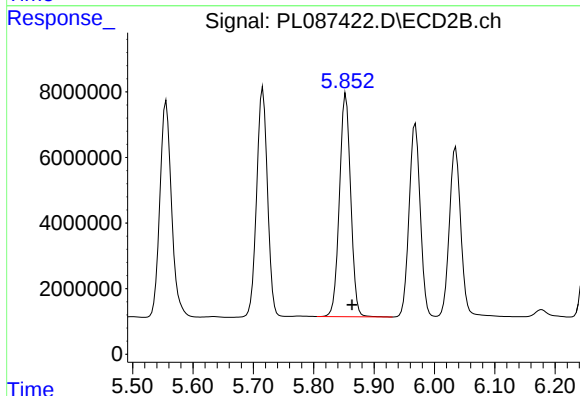
R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 88285305
Conc: 44.24 ng/ml



#15 Endosulfan II

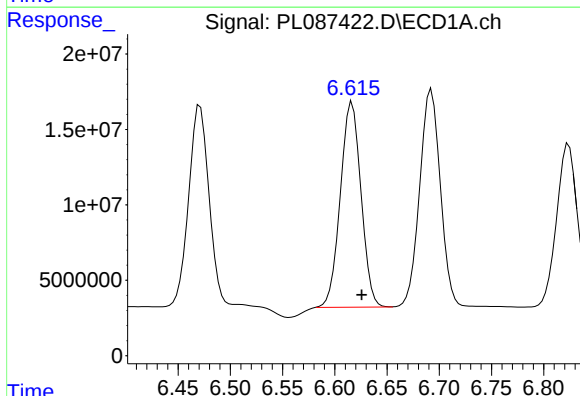
R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 198221573
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



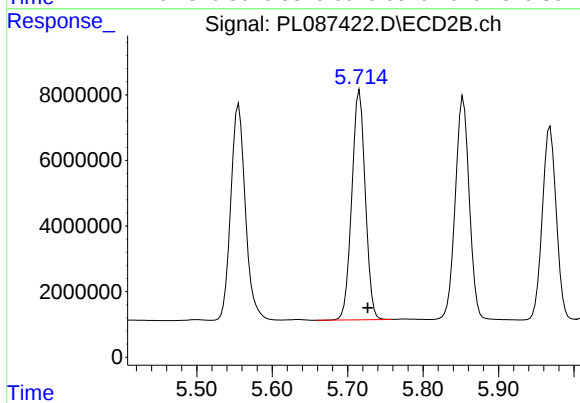
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.010 min
Response: 87928730
Conc: 45.16 ng/ml



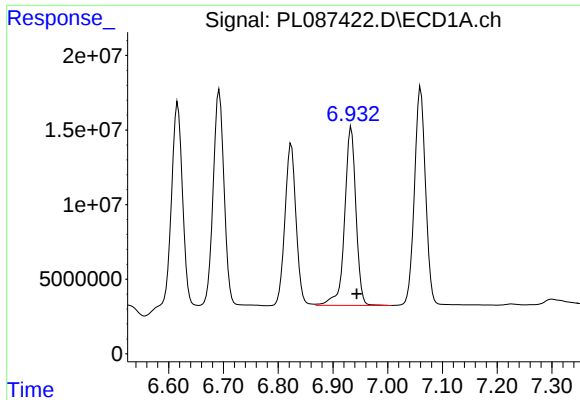
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 187255022
Conc: 56.66 ng/ml



#16 4,4'-DDD

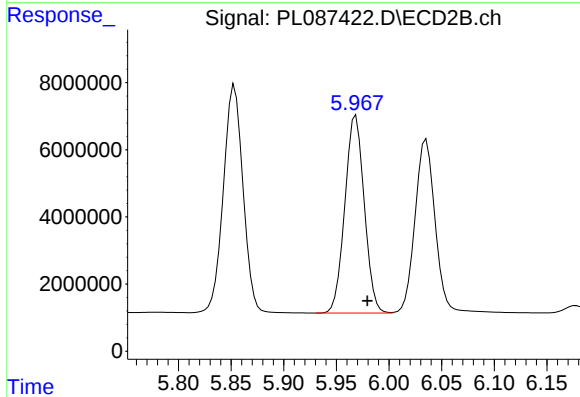
R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 86969935
Conc: 52.53 ng/ml



#17 4,4'-DDT

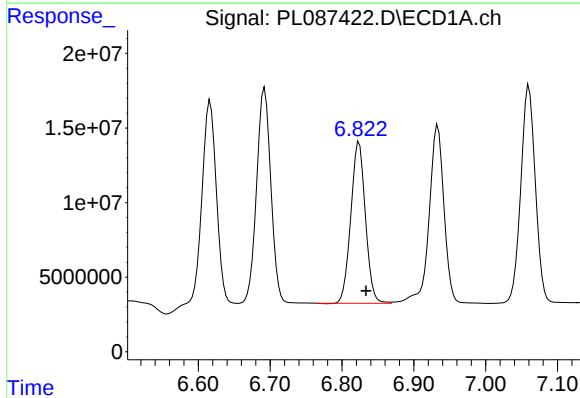
R.T.: 6.933 min
Delta R.T.: -0.010 min
Response: 171922662
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



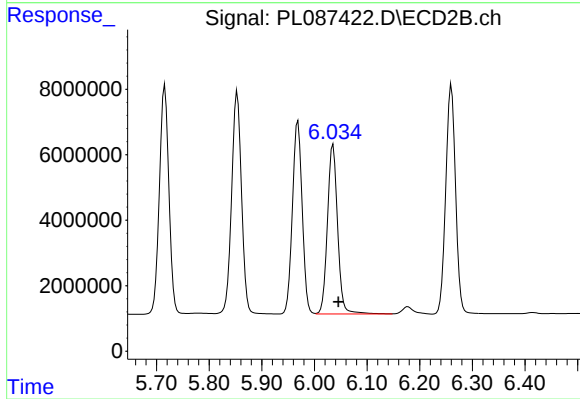
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.011 min
Response: 75827783
Conc: 41.11 ng/ml



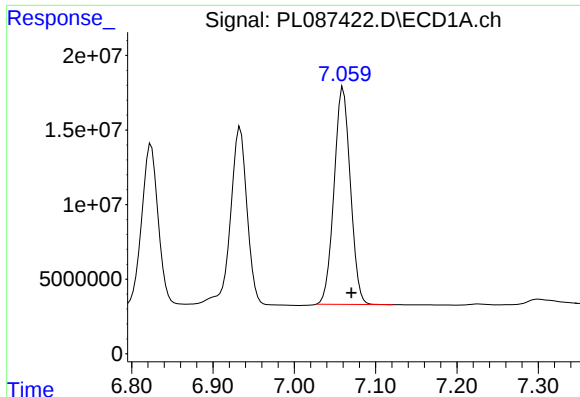
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.010 min
Response: 152250859
Conc: 52.53 ng/ml



#18 Endrin aldehyde

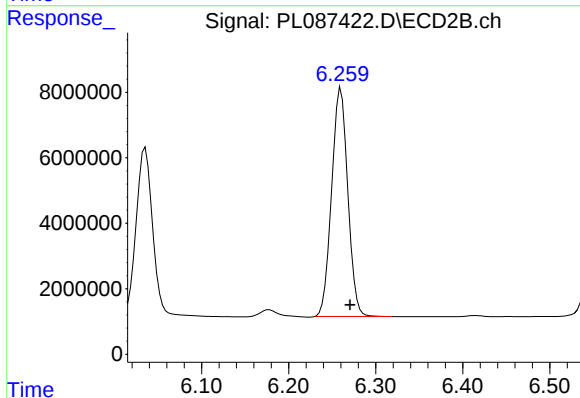
R.T.: 6.035 min
Delta R.T.: -0.010 min
Response: 69432713
Conc: 47.31 ng/ml



#19 Endosulfan Sulfate

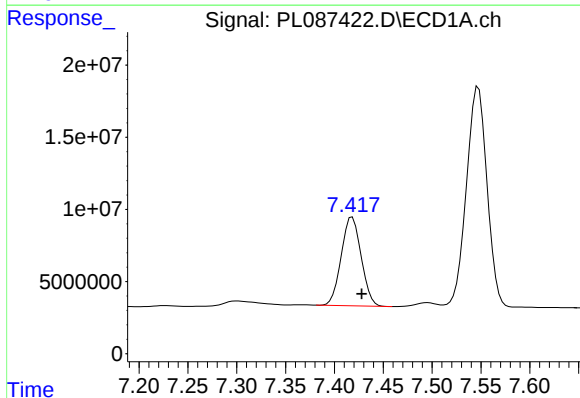
R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 202596149
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



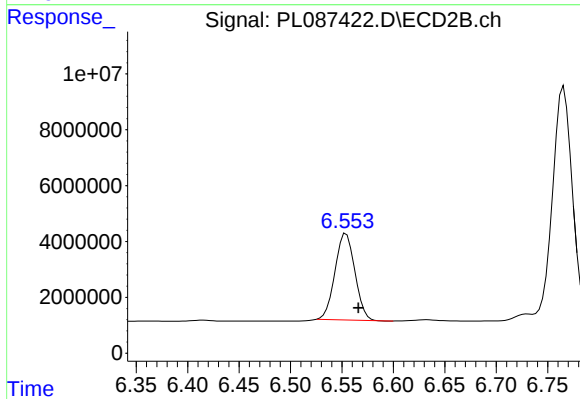
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 90228442
Conc: 47.90 ng/ml



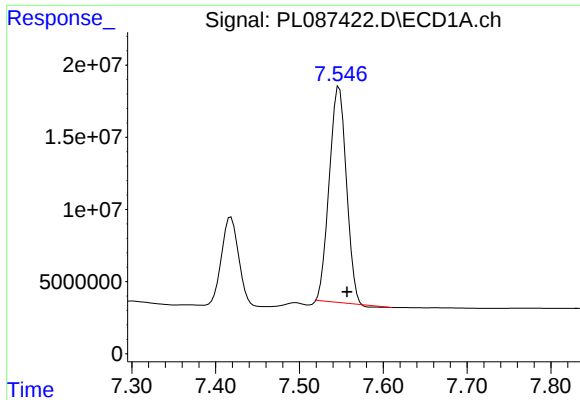
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 87563813
Conc: 44.91 ng/ml



#20 Methoxychlor

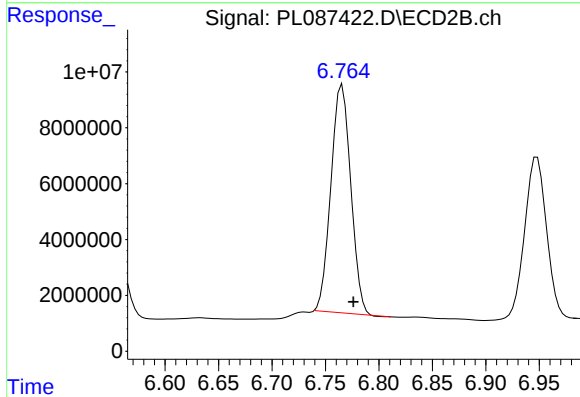
R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 41611151
Conc: 40.74 ng/ml



#21 Endrin ketone

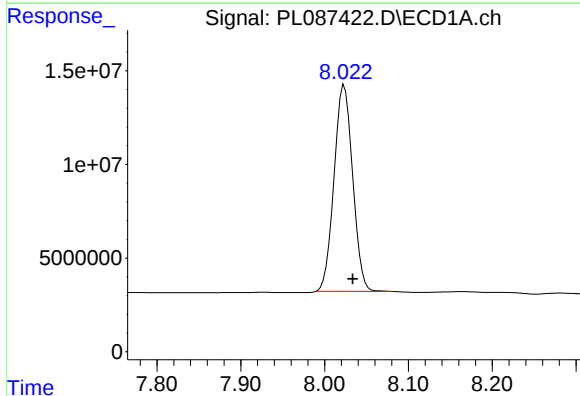
R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 210526489
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



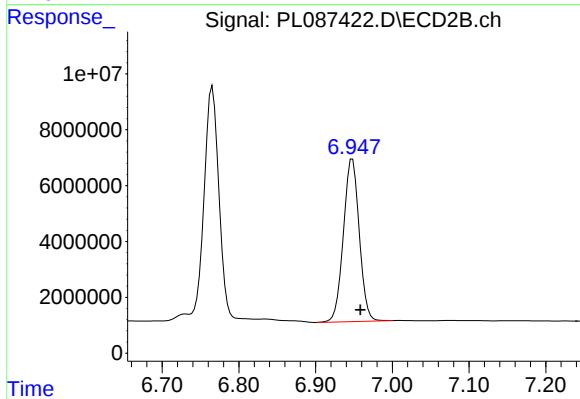
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.011 min
Response: 105303723
Conc: 49.47 ng/ml



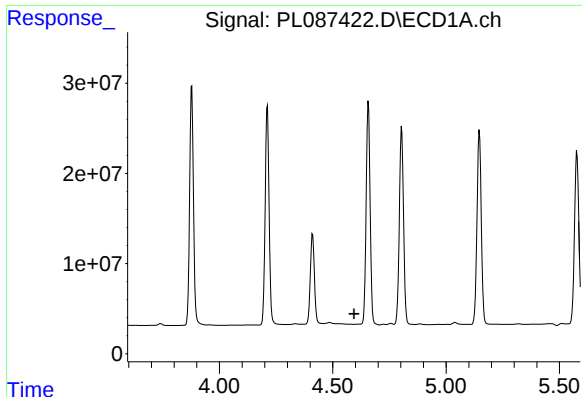
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 170137130
Conc: 50.52 ng/ml



#22 Mirex

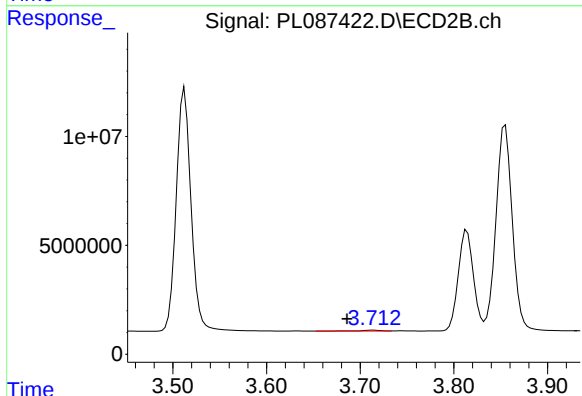
R.T.: 6.948 min
Delta R.T.: -0.011 min
Response: 83929405
Conc: 47.17 ng/ml



#23 Chlordane-1

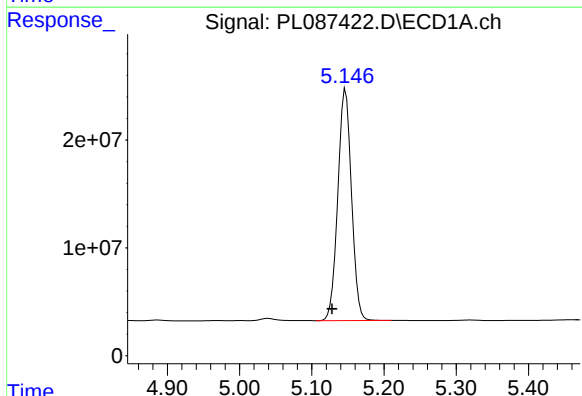
R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



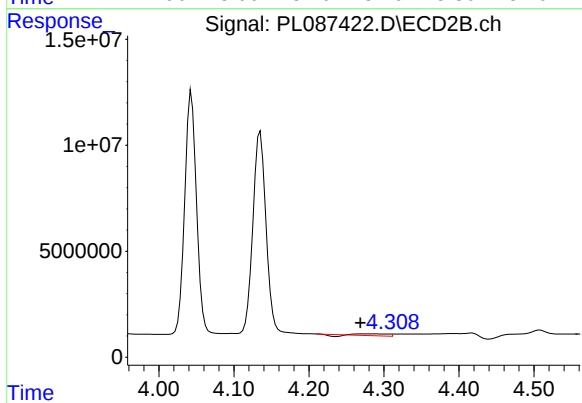
#23 Chlordane-1

R.T.: 3.714 min
Delta R.T.: 0.028 min
Response: 551897
Conc: 8.90 ng/ml



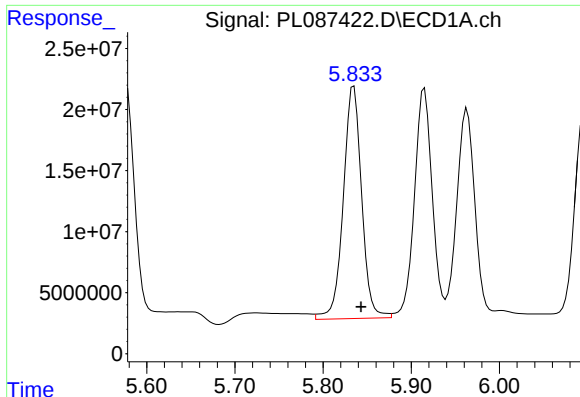
#24 Chlordane-2

R.T.: 5.147 min
Delta R.T.: 0.019 min
Response: 282303509
Conc: 1620.67 ng/ml



#24 Chlordane-2

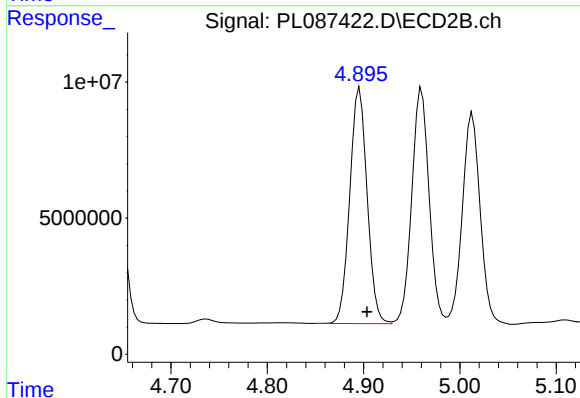
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 1642583
Conc: 21.40 ng/ml



#25 Chlordane-3

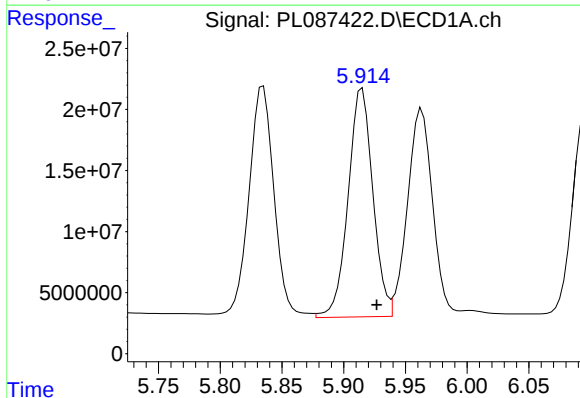
R.T.: 5.835 min
Delta R.T.: -0.008 min
Response: 275437186
Conc: 395.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



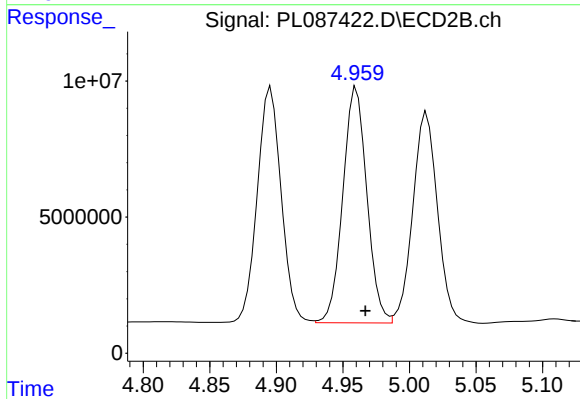
#25 Chlordane-3

R.T.: 4.896 min
Delta R.T.: -0.008 min
Response: 108211122
Conc: 489.49 ng/ml



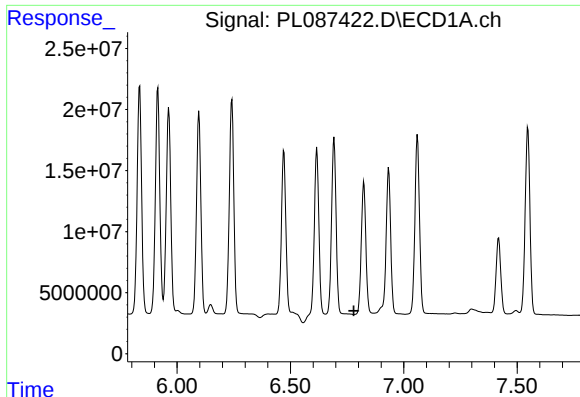
#26 Chlordane-4

R.T.: 5.915 min
Delta R.T.: -0.012 min
Response: 260875526
Conc: 305.09 ng/ml



#26 Chlordane-4

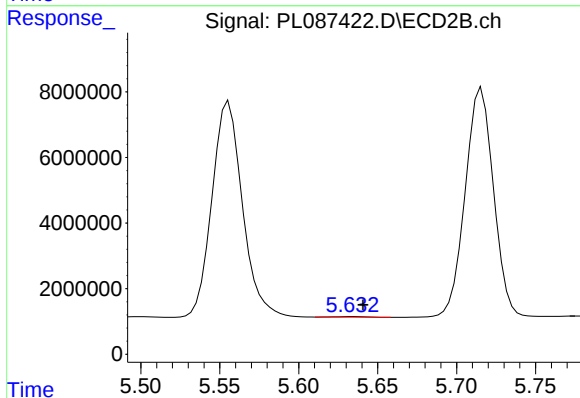
R.T.: 4.960 min
Delta R.T.: -0.007 min
Response: 108943354
Conc: 467.93 ng/ml



#27 Chlordane-5

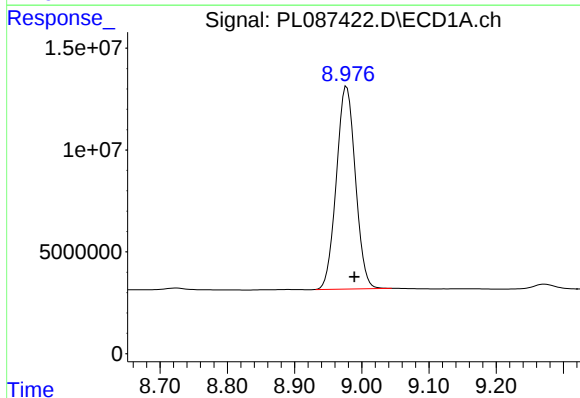
R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



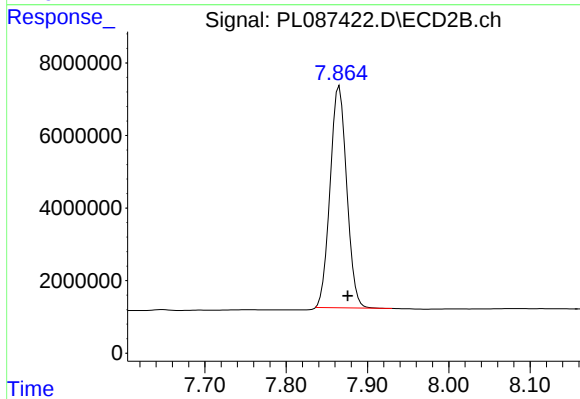
#27 Chlordane-5

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 204826
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.012 min
Response: 194664027
Conc: 57.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.010 min
Response: 87004888
Conc: 51.51 ng/ml