

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111223\
 Data File : PL086606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 17:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

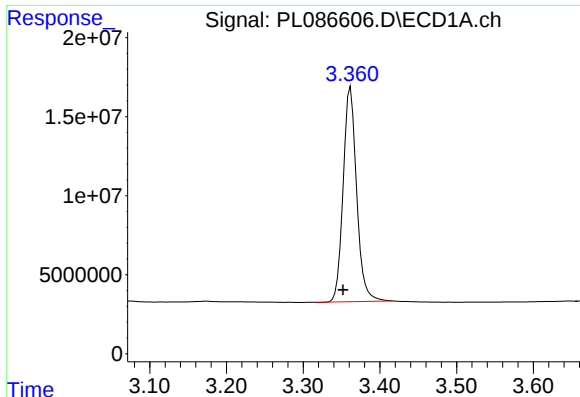
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 21:05:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.362	2.618	166.1E6	51290676	51.162	52.091
28)	SA Decachlor...	8.863	7.771	154.0E6	62729365	52.599	51.946
Target Compounds							
2)	A alpha-BHC	3.816	3.116	255.3E6	71924427	53.062	53.959
3)	MA gamma-BHC...	4.148	3.444	245.4E6	71203838	52.151	53.653
4)	MA Heptachlor	4.735	3.780	238.9E6	70263855	52.377	52.489
5)	MB Aldrin	5.074	4.056	244.8E6	68653549	54.064	52.758
6)	B beta-BHC	4.351	3.746	99909146	30626595	49.397	51.383
7)	B delta-BHC	4.594	3.971	237.9E6	70328182	51.821	53.756
8)	B Heptachlo...	5.504	4.561	207.6E6	63730836	53.400	53.064
9)	A Endosulfan I	5.888	4.929	198.1E6	59169579	52.804	51.459
10)	B gamma-Chl...	5.761	4.813	217.0E6	63966719	52.960	51.846
11)	B alpha-Chl...	5.840	4.877	214.3E6	64768586	52.789	51.795
12)	B 4,4'-DDE	6.025	5.076	180.7E6	56041399	52.096	54.593
13)	MA Dieldrin	6.165	5.195	206.8E6	63774666	52.603	53.449
14)	MA Endrin	6.393	5.468	170.6E6	56535004	49.523	51.615
15)	B Endosulfa...	6.616	5.767	178.0E6	58961072	50.077	53.720
16)	A 4,4'-DDD	6.543	5.633	147.1E6	46639982	55.245	54.743
17)	MA 4,4'-DDT	6.859	5.883	148.8E6	52213002	50.182	53.411
18)	B Endrin al...	6.747	5.948	135.1E6	46521546	50.956	49.663
19)	B Endosulfa...	6.983	6.173	169.4E6	57452510	50.485	52.894
20)	A Methoxychlor	7.345	6.469	79190478	30140182	49.622	50.387
21)	B Endrin ke...	7.466	6.675	183.7E6	70945127	53.903	55.369
22)	Mirex	7.937	6.851	143.1E6	58259327	50.653	51.252
23)	Chlordane-1	0.000	3.613	0	20060	N.D.	0.573 #
24)	Chlordane-2	5.018f	0.000	6545526	0	43.185	N.D. #
25)	Chlordane-3	5.761	4.813	217.0E6	63966719	375.131	542.495 #
26)	Chlordane-4	5.840	4.877	214.3E6	64768586	299.778	507.294 #
27)	Chlordane-5	0.000	5.549	0	35347	N.D.	0.974 #

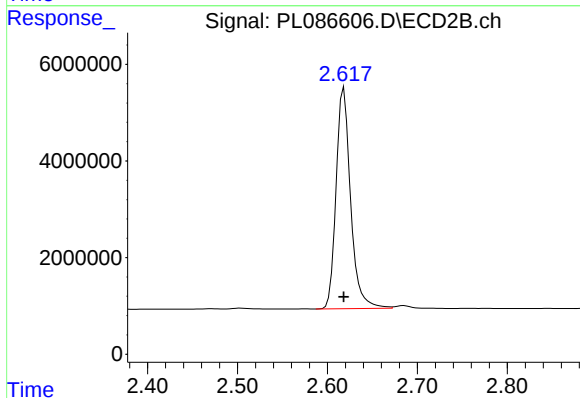
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

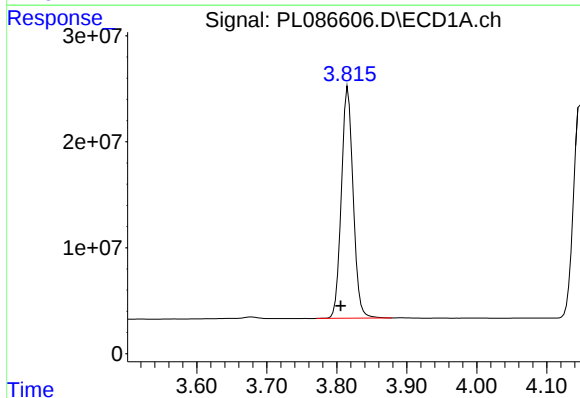
R.T.: 3.362 min
Delta R.T.: 0.010 min
Response: 166124942
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



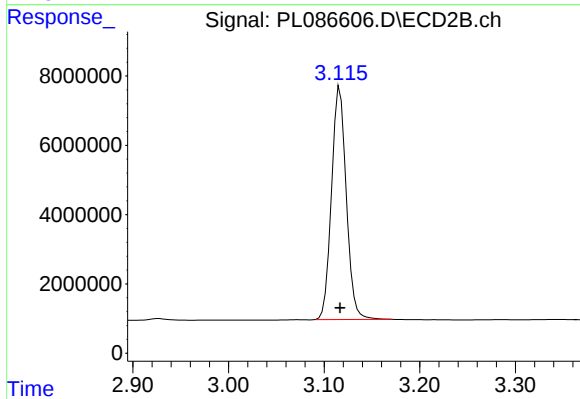
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 51290676
Conc: 52.09 ng/ml



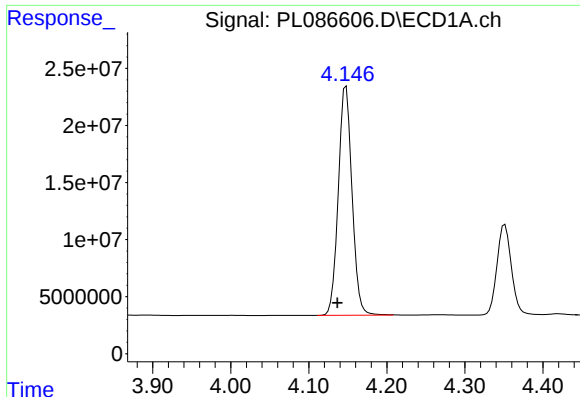
#2 alpha-BHC

R.T.: 3.816 min
Delta R.T.: 0.010 min
Response: 255252767
Conc: 53.06 ng/ml



#2 alpha-BHC

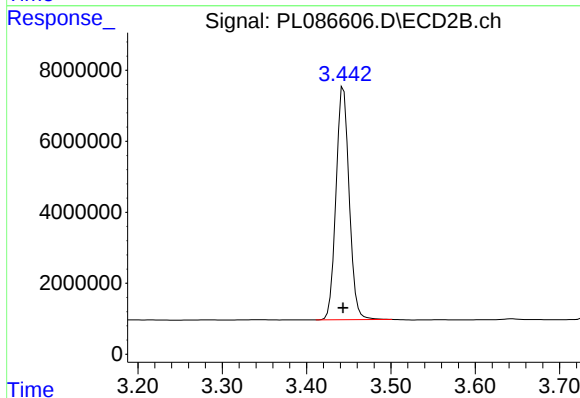
R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 71924427
Conc: 53.96 ng/ml



#3 gamma-BHC (Lindane)

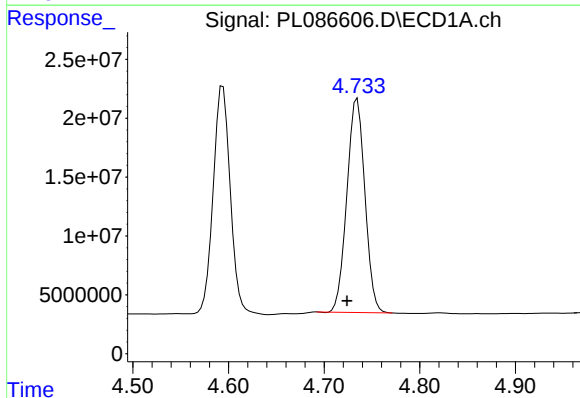
R.T.: 4.148 min
Delta R.T.: 0.011 min
Response: 245350958
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



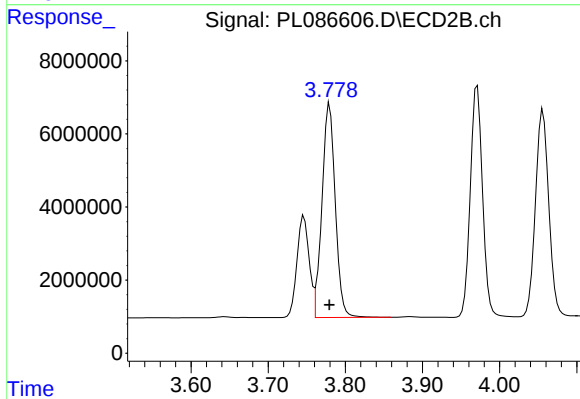
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 71203838
Conc: 53.65 ng/ml



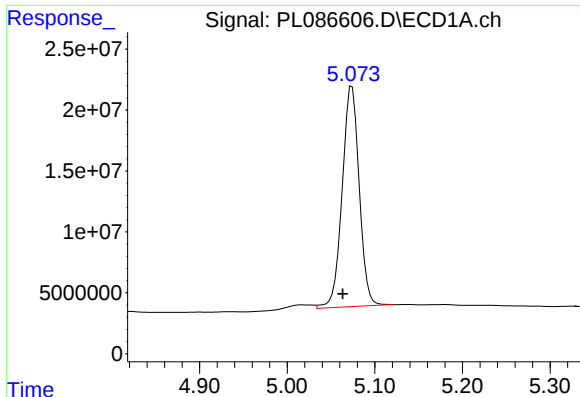
#4 Heptachlor

R.T.: 4.735 min
Delta R.T.: 0.011 min
Response: 238941633
Conc: 52.38 ng/ml



#4 Heptachlor

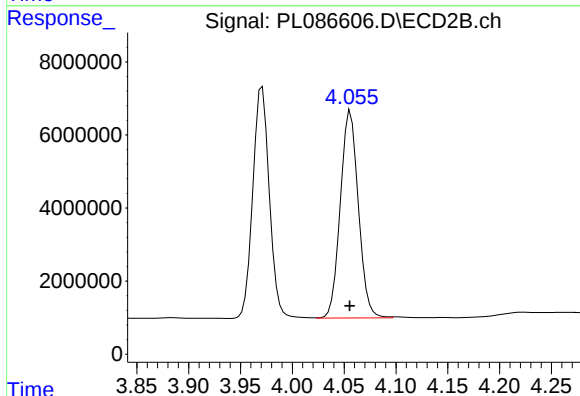
R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 70263855
Conc: 52.49 ng/ml



#5 Aldrin

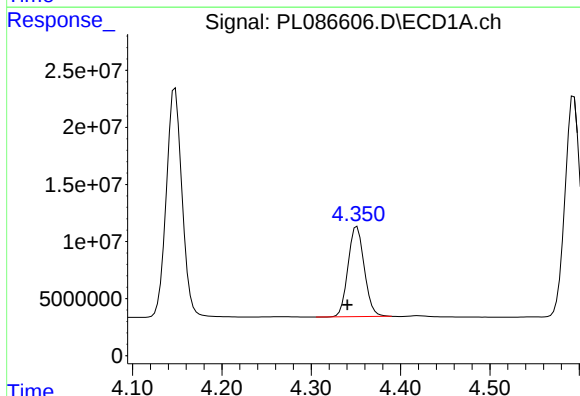
R.T.: 5.074 min
Delta R.T.: 0.011 min
Response: 244766193
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



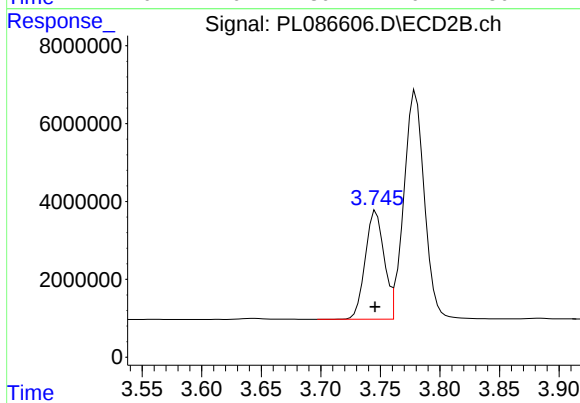
#5 Aldrin

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 68653549
Conc: 52.76 ng/ml



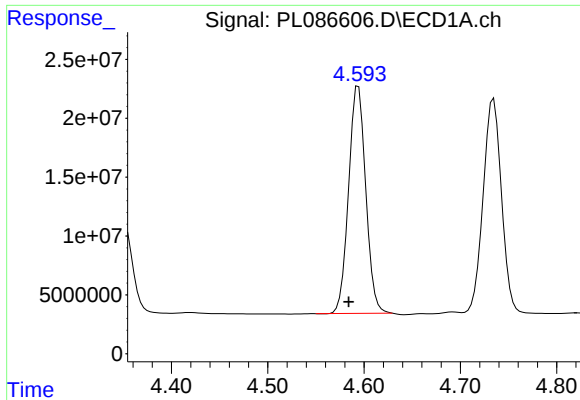
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.011 min
Response: 99909146
Conc: 49.40 ng/ml



#6 beta-BHC

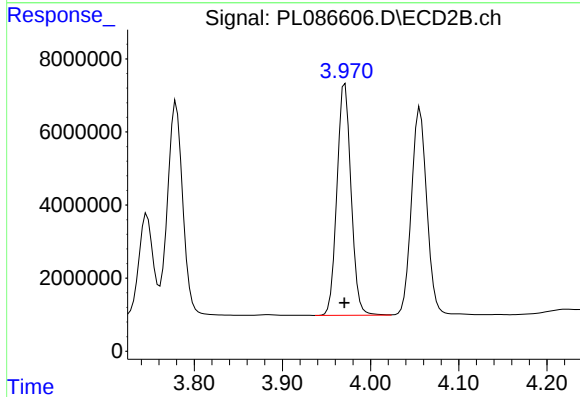
R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 30626595
Conc: 51.38 ng/ml



#7 delta-BHC

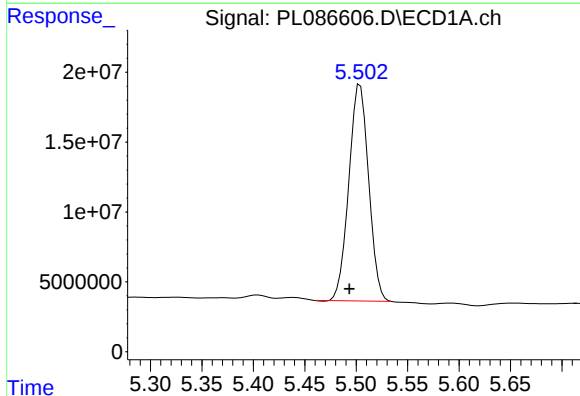
R.T.: 4.594 min
Delta R.T.: 0.010 min
Response: 237926811
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



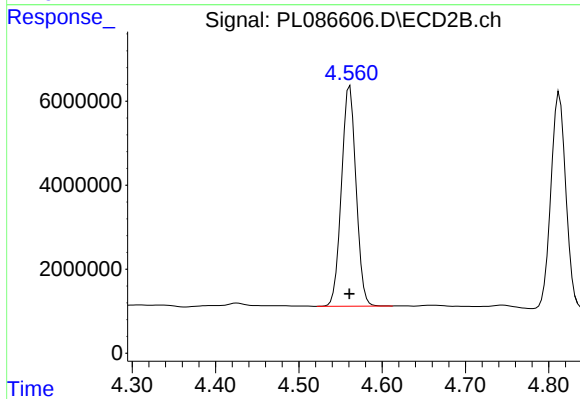
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 70328182
Conc: 53.76 ng/ml



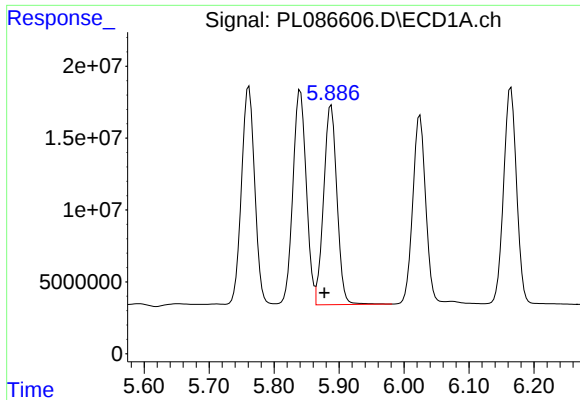
#8 Heptachlor epoxide

R.T.: 5.504 min
Delta R.T.: 0.010 min
Response: 207583909
Conc: 53.40 ng/ml



#8 Heptachlor epoxide

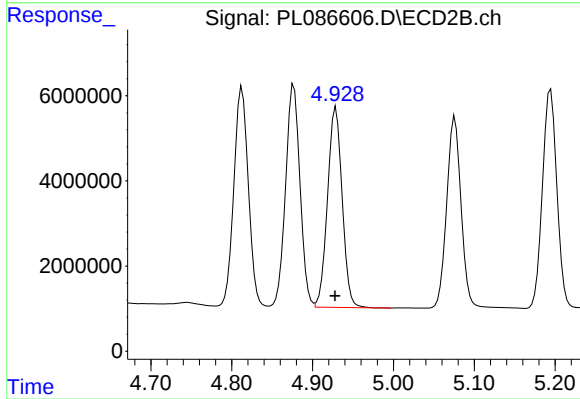
R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 63730836
Conc: 53.06 ng/ml



#9 Endosulfan I

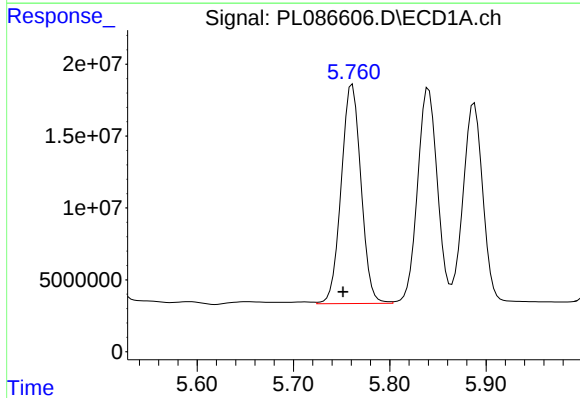
R.T.: 5.888 min
Delta R.T.: 0.010 min
Response: 198100945
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



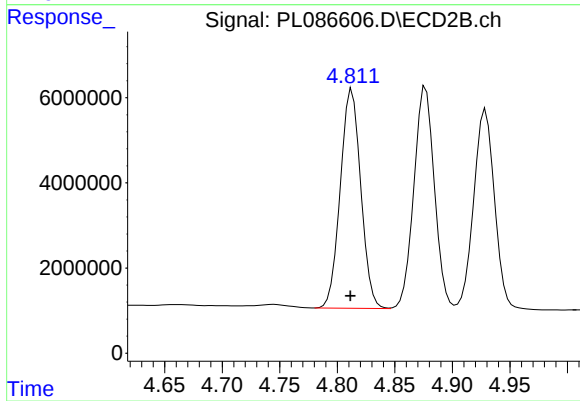
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 59169579
Conc: 51.46 ng/ml



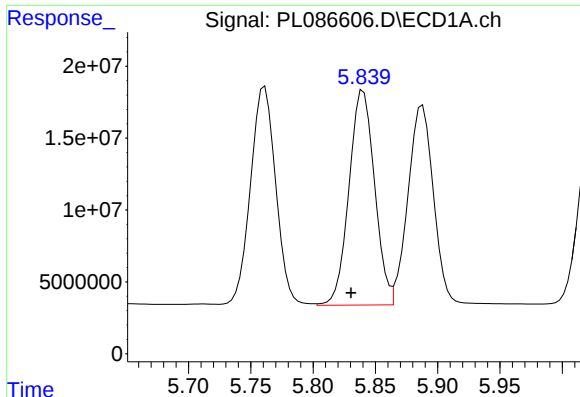
#10 gamma-Chlordane

R.T.: 5.761 min
Delta R.T.: 0.010 min
Response: 216990020
Conc: 52.96 ng/ml



#10 gamma-Chlordane

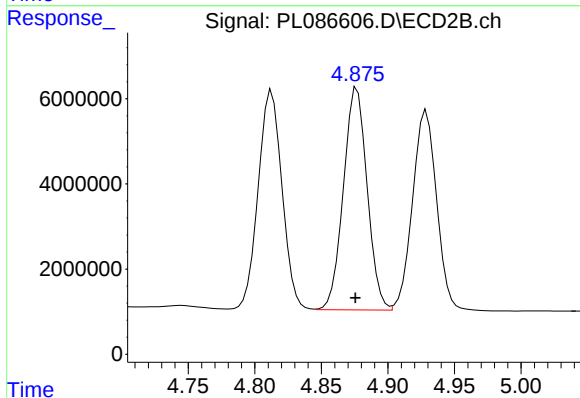
R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 63966719
Conc: 51.85 ng/ml



#11 alpha-Chlordane

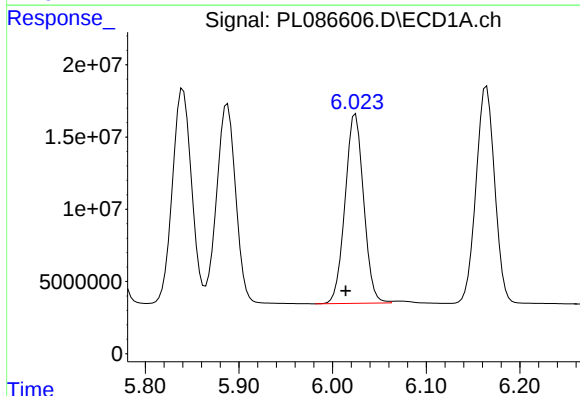
R.T.: 5.840 min
Delta R.T.: 0.010 min
Response: 214319890
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



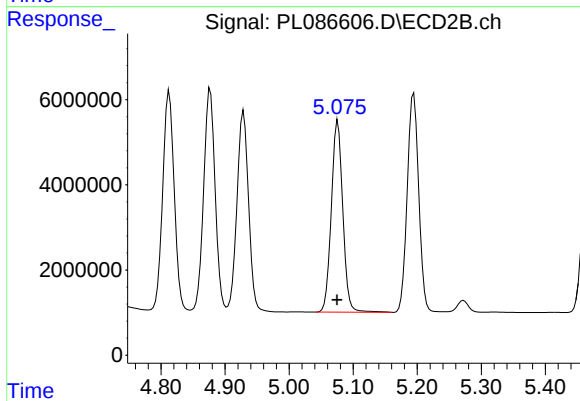
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: 0.001 min
Response: 64768586
Conc: 51.80 ng/ml



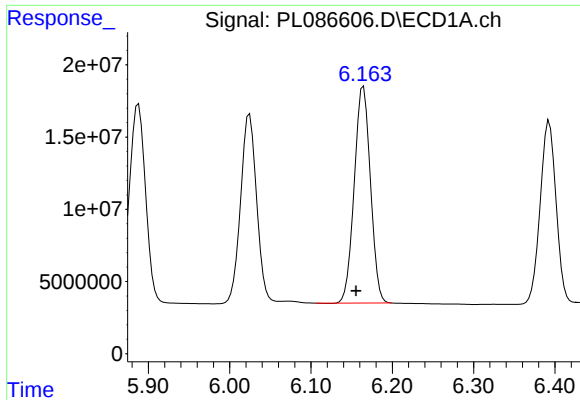
#12 4,4'-DDE

R.T.: 6.025 min
Delta R.T.: 0.010 min
Response: 180685245
Conc: 52.10 ng/ml



#12 4,4'-DDE

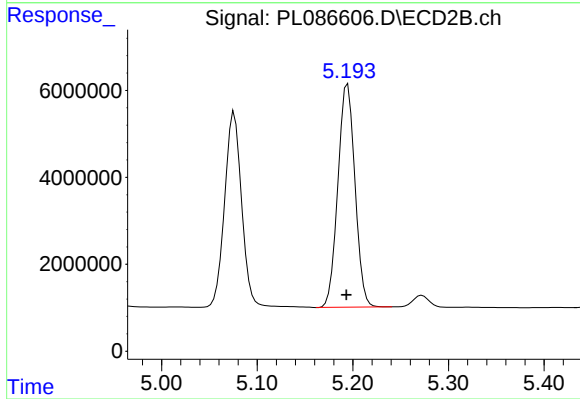
R.T.: 5.076 min
Delta R.T.: 0.001 min
Response: 56041399
Conc: 54.59 ng/ml



#13 Dieldrin

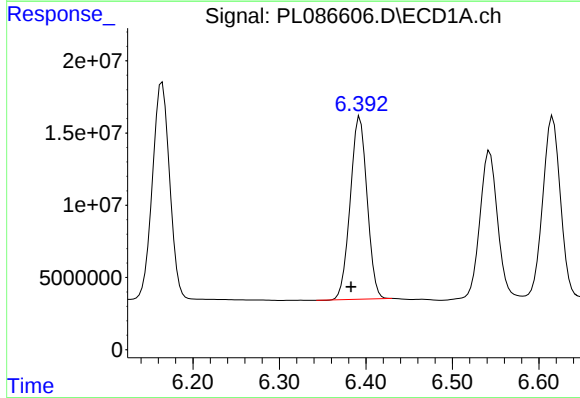
R.T.: 6.165 min
Delta R.T.: 0.009 min
Response: 206834262
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



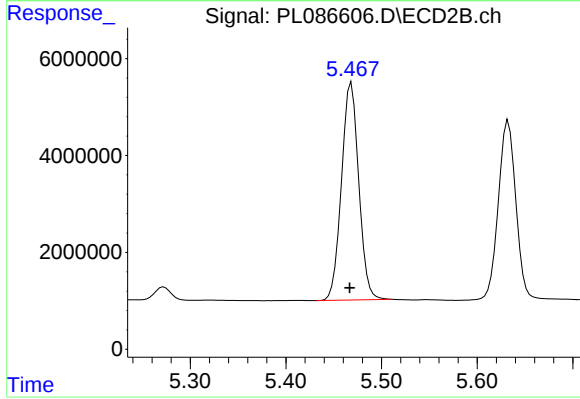
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: 0.001 min
Response: 63774666
Conc: 53.45 ng/ml



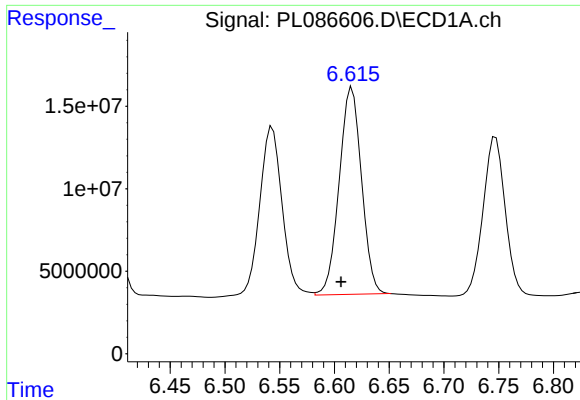
#14 Endrin

R.T.: 6.393 min
Delta R.T.: 0.010 min
Response: 170574234
Conc: 49.52 ng/ml



#14 Endrin

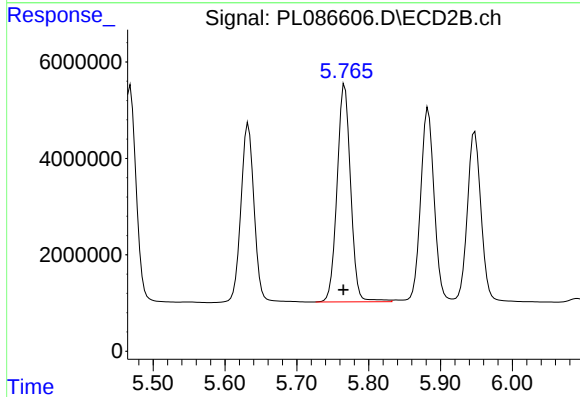
R.T.: 5.468 min
Delta R.T.: 0.002 min
Response: 56535004
Conc: 51.61 ng/ml



#15 Endosulfan II

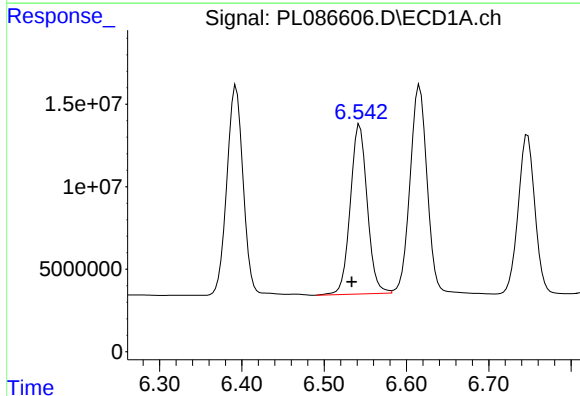
R.T.: 6.616 min
Delta R.T.: 0.010 min
Response: 177992811
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



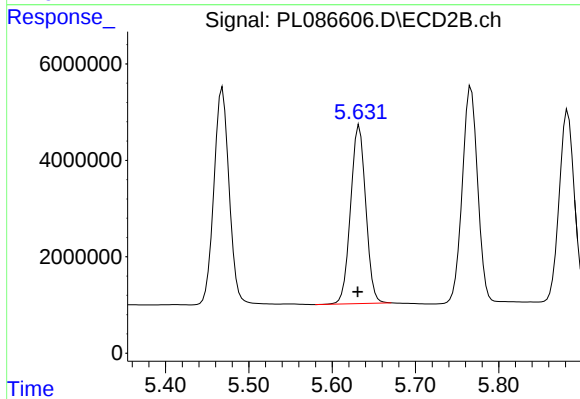
#15 Endosulfan II

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 58961072
Conc: 53.72 ng/ml



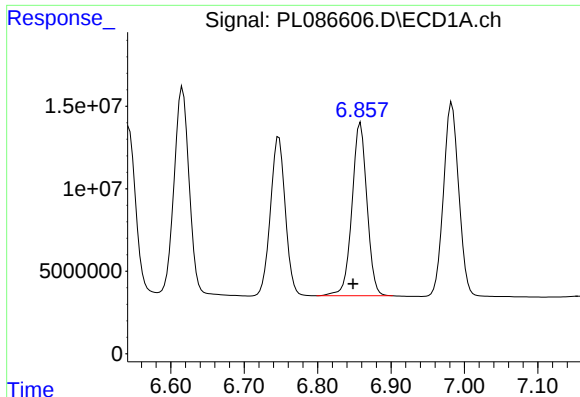
#16 4,4'-DDD

R.T.: 6.543 min
Delta R.T.: 0.010 min
Response: 147104799
Conc: 55.25 ng/ml



#16 4,4'-DDD

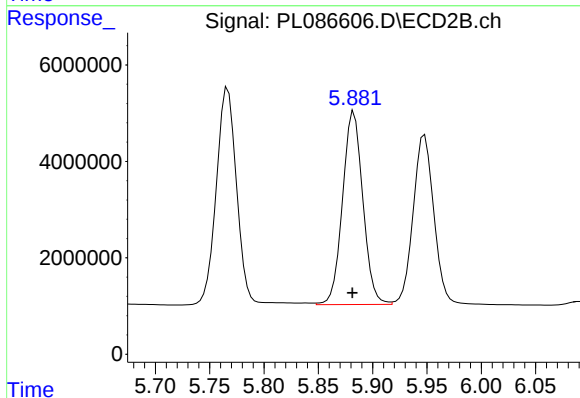
R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 46639982
Conc: 54.74 ng/ml



#17 4,4'-DDT

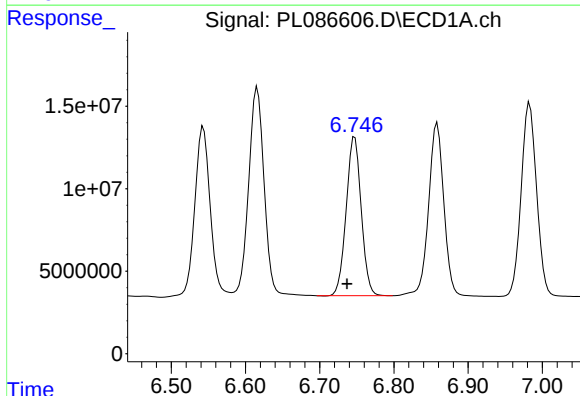
R.T.: 6.859 min
Delta R.T.: 0.010 min
Response: 148754096
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



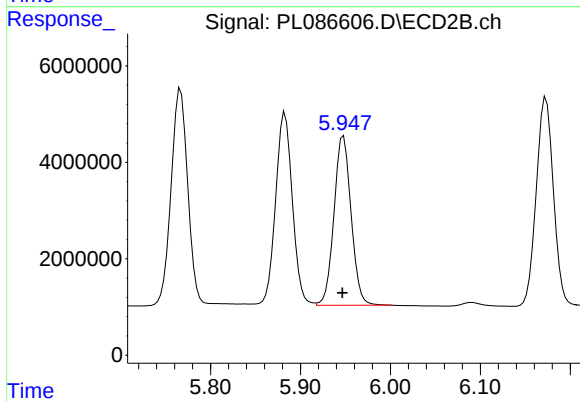
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.001 min
Response: 52213002
Conc: 53.41 ng/ml



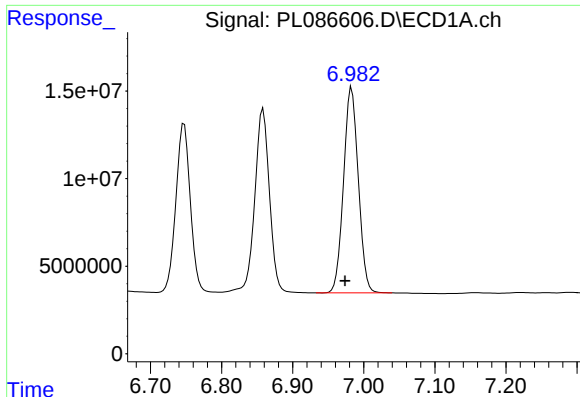
#18 Endrin aldehyde

R.T.: 6.747 min
Delta R.T.: 0.010 min
Response: 135091817
Conc: 50.96 ng/ml



#18 Endrin aldehyde

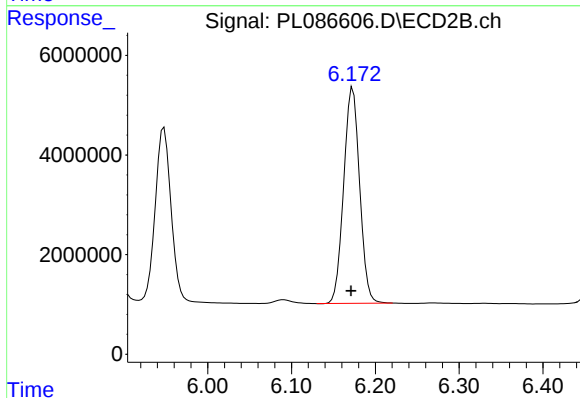
R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 46521546
Conc: 49.66 ng/ml



#19 Endosulfan Sulfate

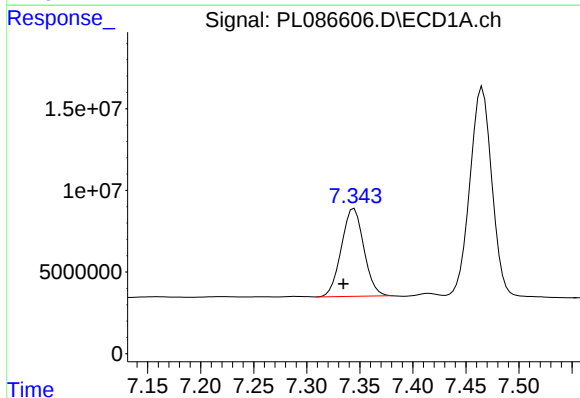
R.T.: 6.983 min
Delta R.T.: 0.009 min
Response: 169446128
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



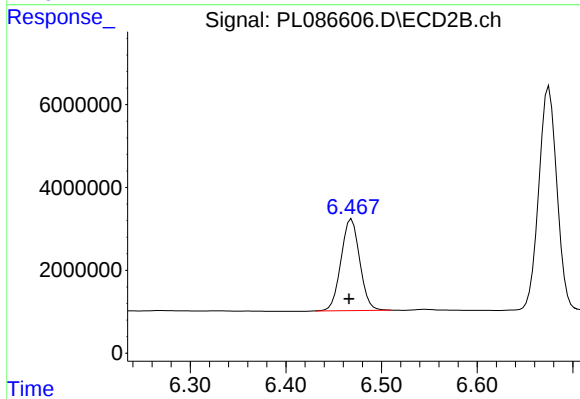
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.002 min
Response: 57452510
Conc: 52.89 ng/ml



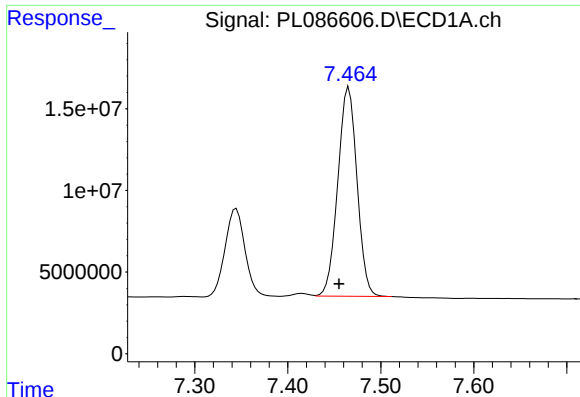
#20 Methoxychlor

R.T.: 7.345 min
Delta R.T.: 0.010 min
Response: 79190478
Conc: 49.62 ng/ml



#20 Methoxychlor

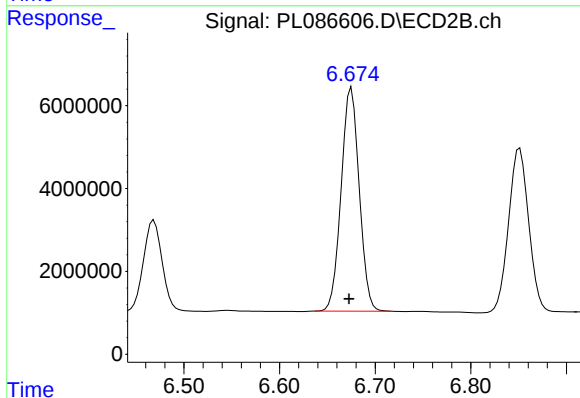
R.T.: 6.469 min
Delta R.T.: 0.003 min
Response: 30140182
Conc: 50.39 ng/ml



#21 Endrin ketone

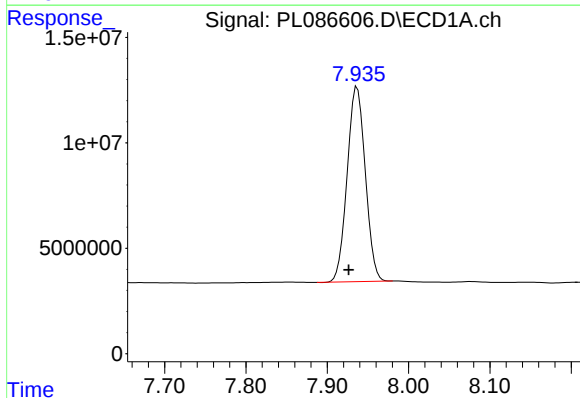
R.T.: 7.466 min
Delta R.T.: 0.010 min
Response: 183703925
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



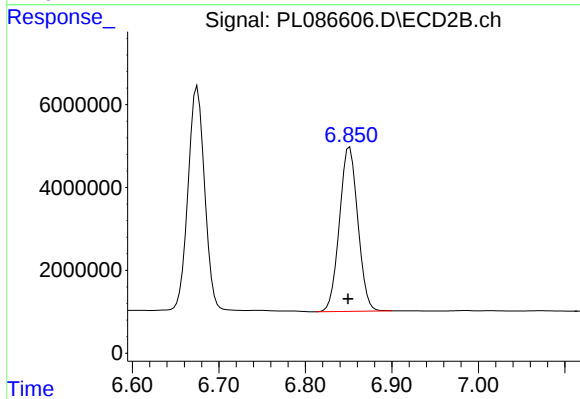
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: 0.003 min
Response: 70945127
Conc: 55.37 ng/ml



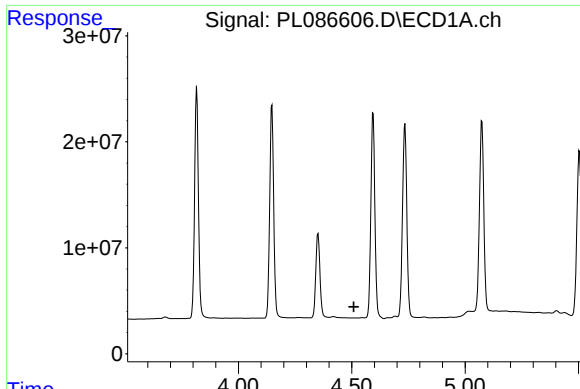
#22 Mirex

R.T.: 7.937 min
Delta R.T.: 0.010 min
Response: 143051488
Conc: 50.65 ng/ml



#22 Mirex

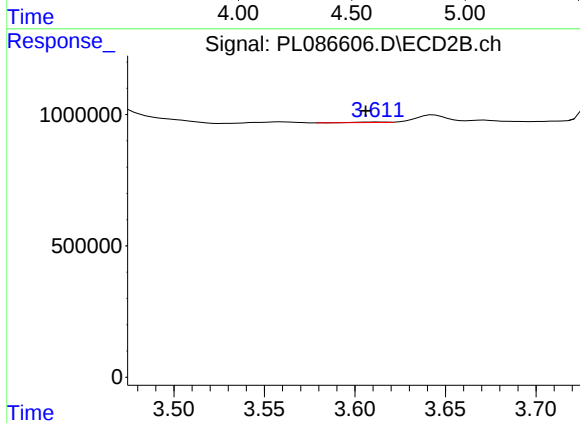
R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 58259327
Conc: 51.25 ng/ml



#23 Chlordane-1

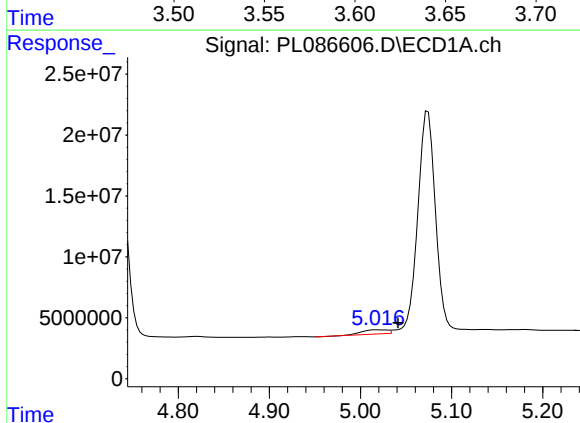
R.T.: 0.000 min
Exp R.T.: 4.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



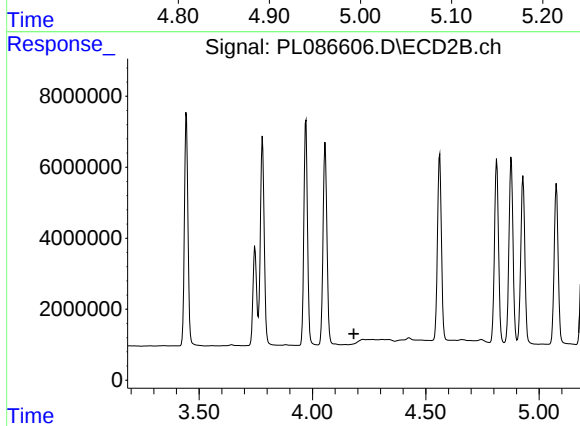
#23 Chlordane-1

R.T.: 3.613 min
Delta R.T.: 0.007 min
Response: 20060
Conc: 0.57 ng/ml



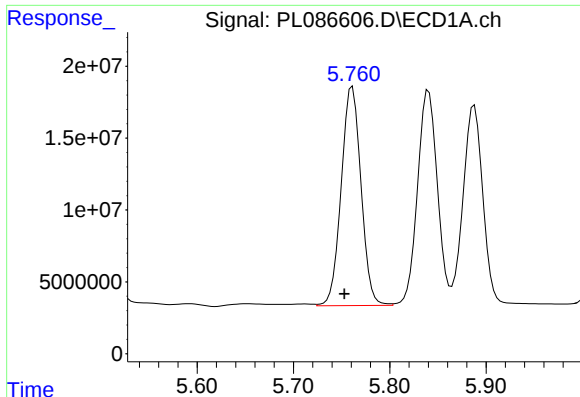
#24 Chlordane-2

R.T.: 5.018 min
Delta R.T.: -0.023 min
Response: 6545526
Conc: 43.18 ng/ml



#24 Chlordane-2

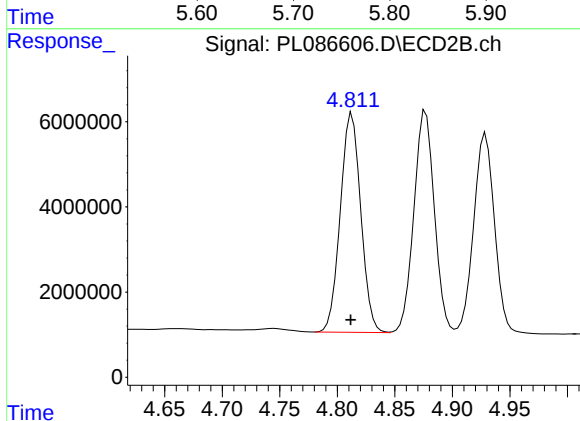
R.T.: 0.000 min
Exp R.T.: 4.183 min
Response: 0
Conc: N.D.



#25 Chlordane-3

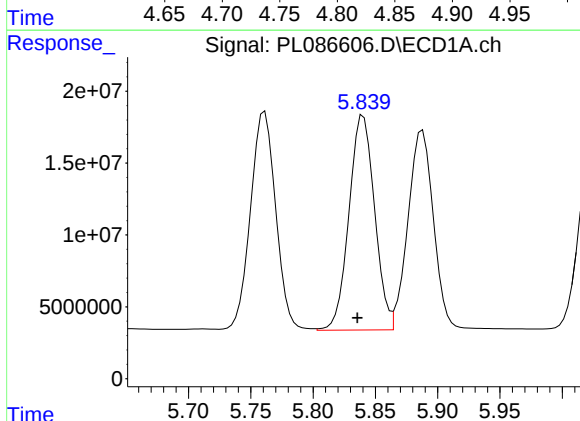
R.T.: 5.761 min
Delta R.T.: 0.008 min
Response: 216990020
Conc: 375.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



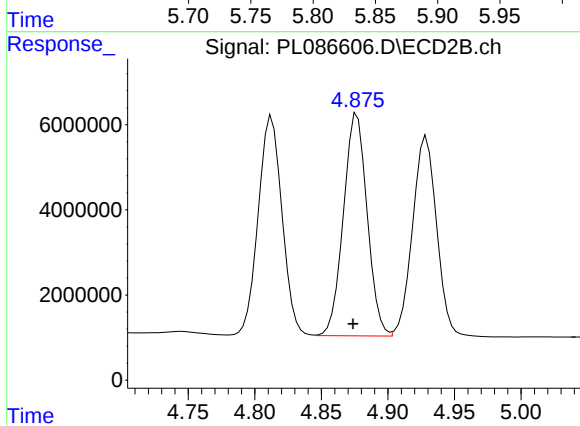
#25 Chlordane-3

R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 63966719
Conc: 542.49 ng/ml



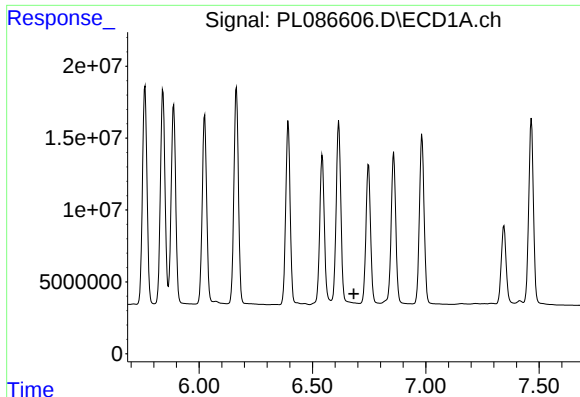
#26 Chlordane-4

R.T.: 5.840 min
Delta R.T.: 0.005 min
Response: 214319890
Conc: 299.78 ng/ml



#26 Chlordane-4

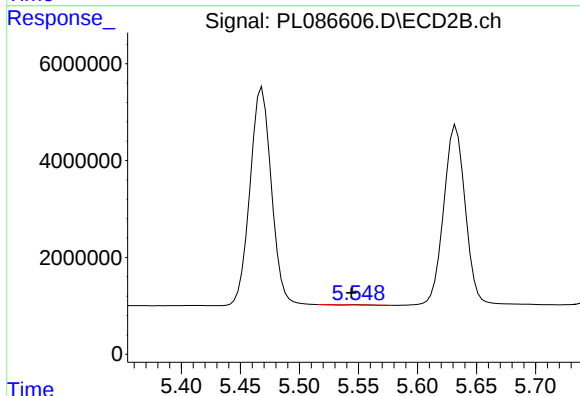
R.T.: 4.877 min
Delta R.T.: 0.003 min
Response: 64768586
Conc: 507.29 ng/ml



#27 Chlordane-5

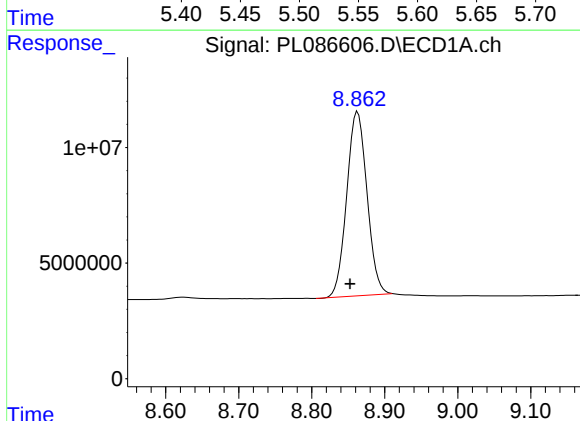
R.T.: 0.000 min
Exp R.T.: 6.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



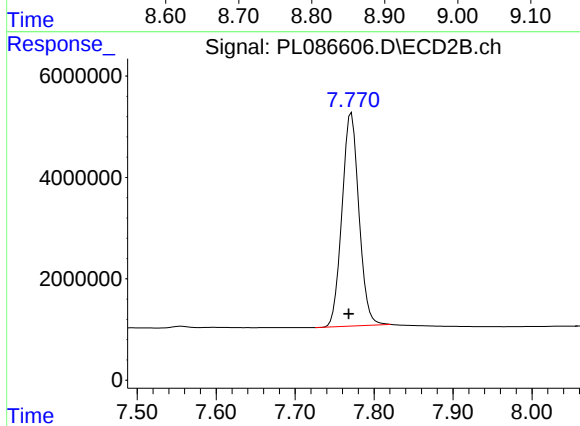
#27 Chlordane-5

R.T.: 5.549 min
Delta R.T.: 0.005 min
Response: 35347
Conc: 0.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.863 min
Delta R.T.: 0.010 min
Response: 153966002
Conc: 52.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 62729365
Conc: 51.95 ng/ml