

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
 Data File : PL078792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2022 18:12
 Operator : AR\AJ
 Sample : N5418-16MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

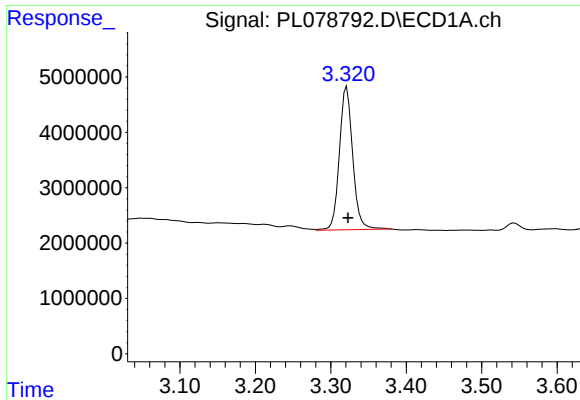
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:22:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.321	2.569	31937681	46091743	16.747	18.053
28)	SA Decachlor...	8.768	7.635	25869559	36091397	17.196	19.055
Target Compounds							
2)	A alpha-BHC	3.782	3.055	136.1E6	195.8E6	47.406	49.590
3)	MA gamma-BHC...	4.114	3.375	125.1E6	177.9E6	46.828	49.503
4)	MA Heptachlor	4.685	3.703	126.0E6	179.2E6	48.541	51.679
5)	MB Aldrin	5.023	3.974	123.6E6	188.4E6	49.916	53.788
6)	B beta-BHC	4.329	3.675	55344689	68502840	48.044	47.742
7)	B delta-BHC	4.569	3.895	110.8E6	185.3E6	48.672	50.885
8)	B Heptachlo...	5.455	4.470	106.2E6	156.0E6	50.020	51.771
9)	A Endosulfan I	5.840	4.833	96088905	138.7E6	45.037	48.461
10)	B gamma-Chl...	5.711	4.718	109.6E6	159.2E6	48.578	51.961
11)	B alpha-Chl...	5.787	4.780	108.8E6	151.8E6	47.005	50.939
12)	B 4,4'-DDE	5.971	4.975	95500530	152.9E6	47.718	56.152
13)	MA Dieldrin	6.117	5.095	99475765	156.6E6	46.128	52.834
14)	MA Endrin	6.347	5.365	89270529	144.8E6	47.038	55.597
15)	B Endosulfa...	6.577	5.662	83580597	128.6E6	44.549	56.479 #
16)	A 4,4'-DDD	6.495	5.526	77194241	113.0E6	46.307	51.443
17)	MA 4,4'-DDT	6.805	5.772	79984848	115.3E6	44.626	53.143
18)	B Endrin al...	6.708	5.840	67999918	99190278	46.733	52.851
19)	B Endosulfa...	6.941	6.063	83456372	125.0E6	45.358	52.529
20)	A Methoxychlor	7.289	6.349	41167996	63997842	44.705	56.396 #
21)	B Endrin ke...	7.428	6.558	78977101	129.7E6	41.978	50.196
22)	Mirex	7.884	6.730	65983363	97944176	45.200	49.769
23)	Chlordane-1	4.469	3.558f	289470	3121559	3.694	30.951 #
24)	Chlordane-2	5.023f	4.114	123.6E6	3483120	1494.095	32.728 #
25)	Chlordane-3	5.711	4.718	109.6E6	159.2E6	328.242	522.440 #
26)	Chlordane-4	5.787	4.780	108.8E6	151.8E6	264.918	464.611 #
27)	Chlordane-5	0.000	5.461	0	2210023	N.D.	27.098 #

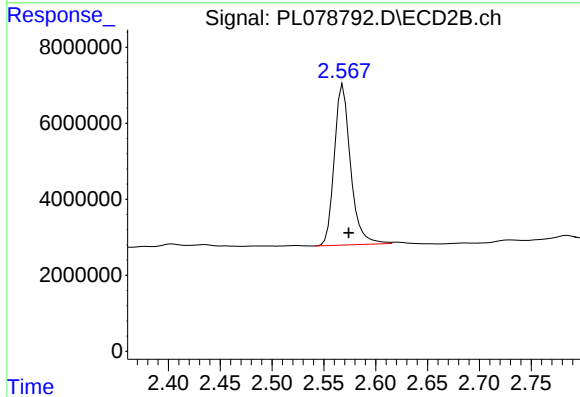
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

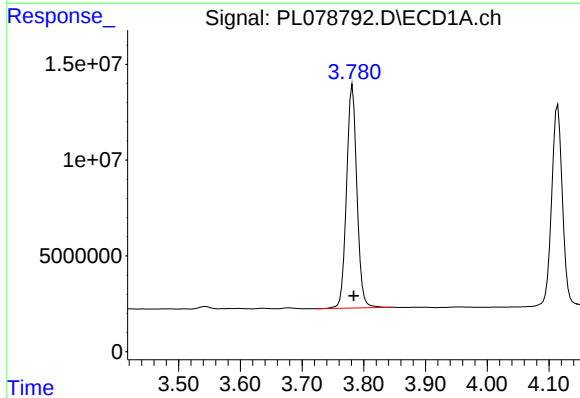
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 31937681
Conc: 16.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



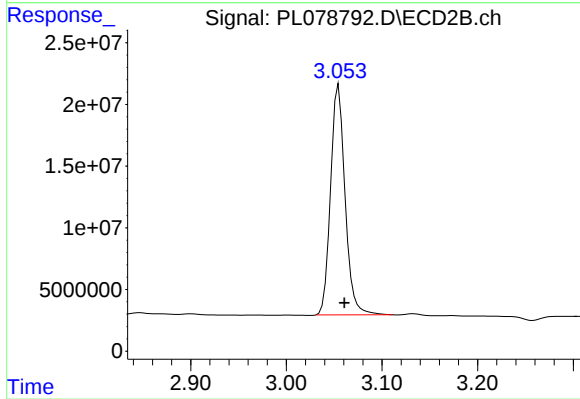
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 46091743
Conc: 18.05 ng/ml



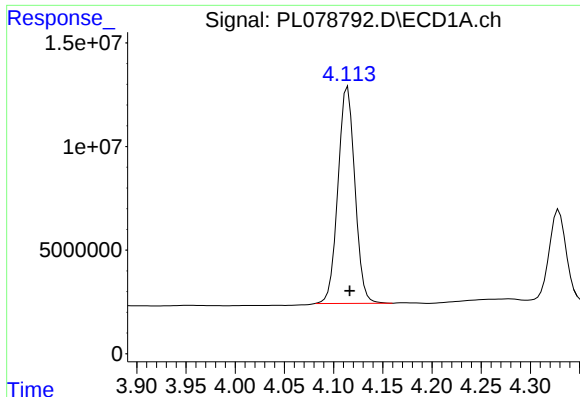
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 136121439
Conc: 47.41 ng/ml



#2 alpha-BHC

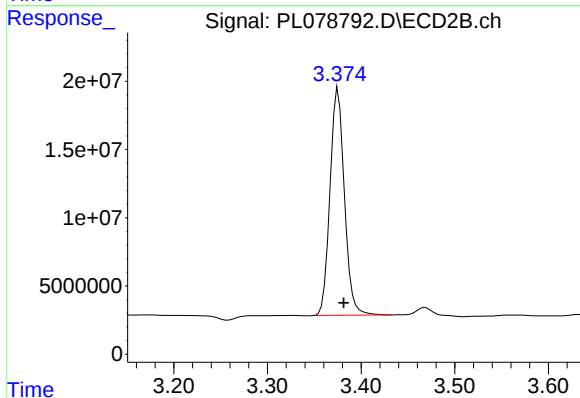
R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 195830847
Conc: 49.59 ng/ml



#3 gamma-BHC (Lindane)

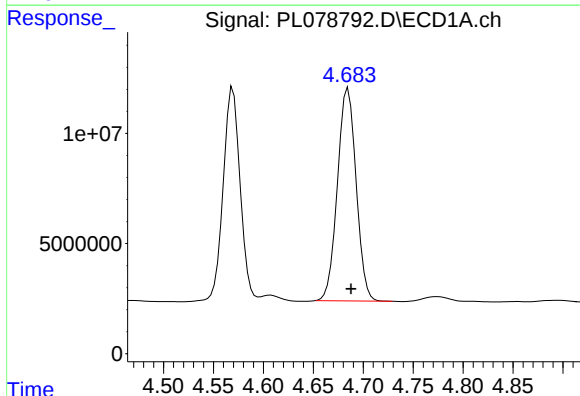
R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 125111658
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



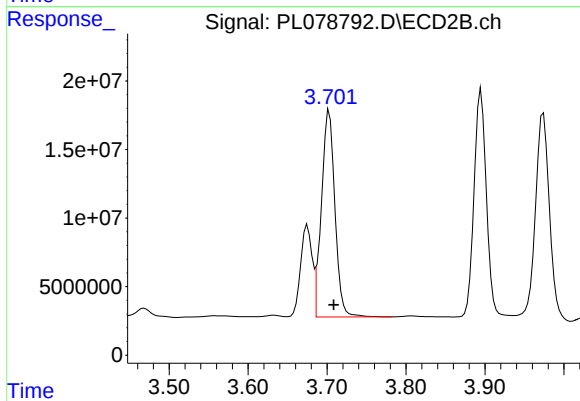
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 177922490
Conc: 49.50 ng/ml



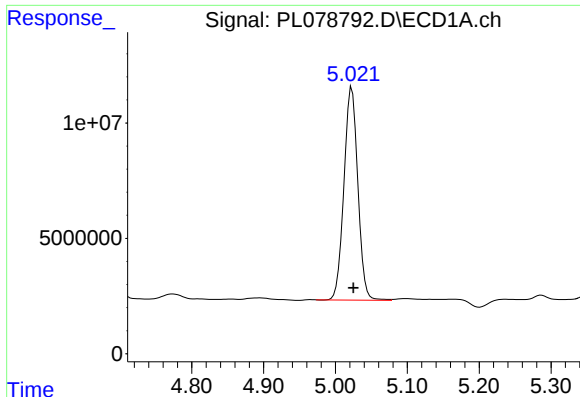
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 126011983
Conc: 48.54 ng/ml



#4 Heptachlor

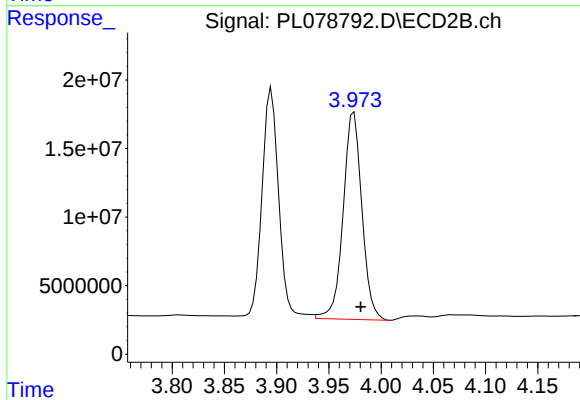
R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 179213150
Conc: 51.68 ng/ml



#5 Aldrin

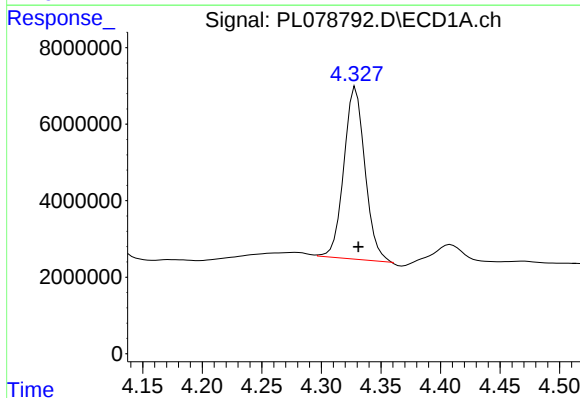
R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 123627104
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



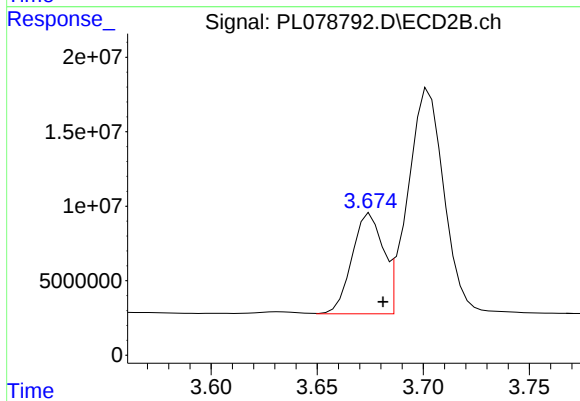
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.006 min
Response: 188350727
Conc: 53.79 ng/ml



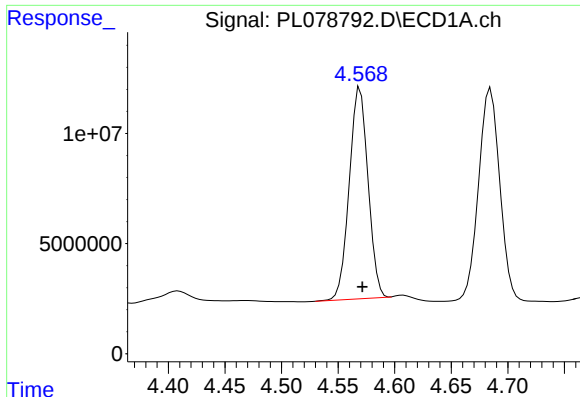
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 55344689
Conc: 48.04 ng/ml



#6 beta-BHC

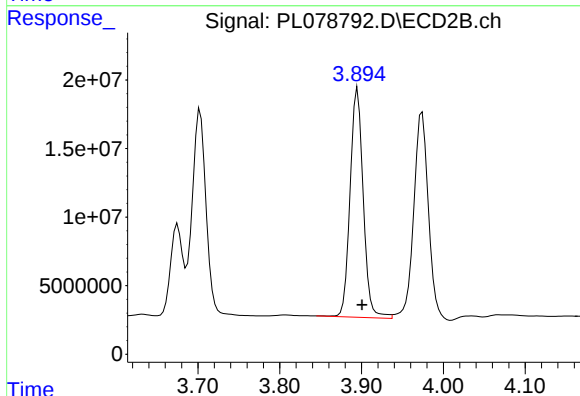
R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 68502840
Conc: 47.74 ng/ml



#7 delta-BHC

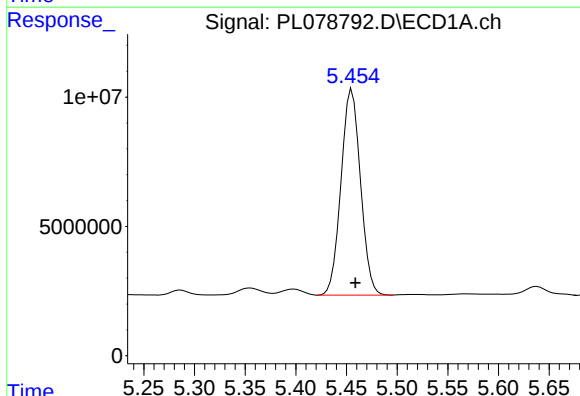
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 110818095
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



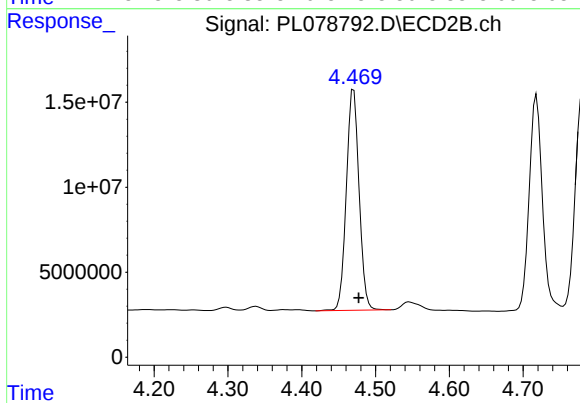
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 185289572
Conc: 50.89 ng/ml



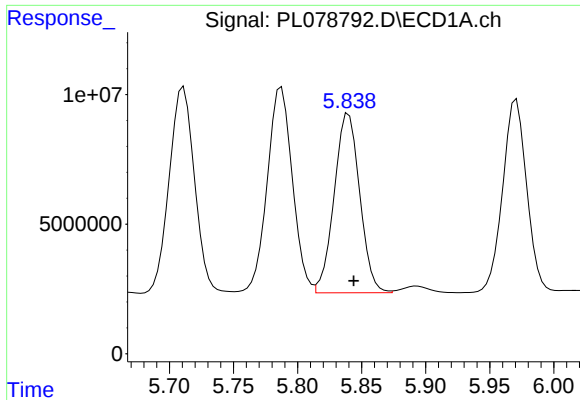
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 106192746
Conc: 50.02 ng/ml



#8 Heptachlor epoxide

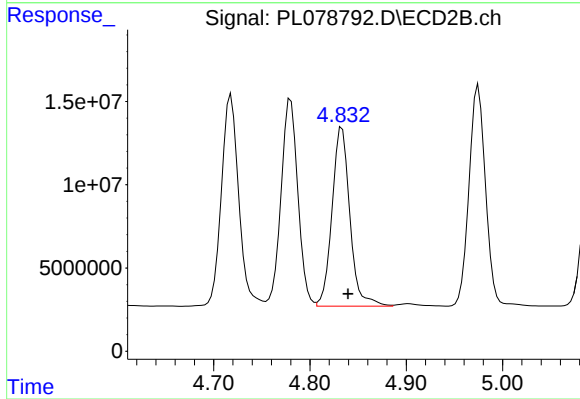
R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 155998847
Conc: 51.77 ng/ml



#9 Endosulfan I

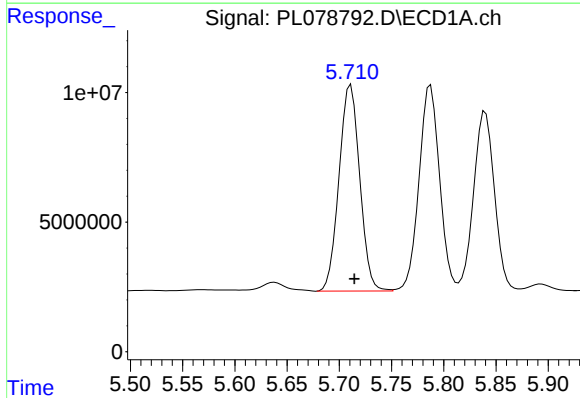
R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 96088905
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



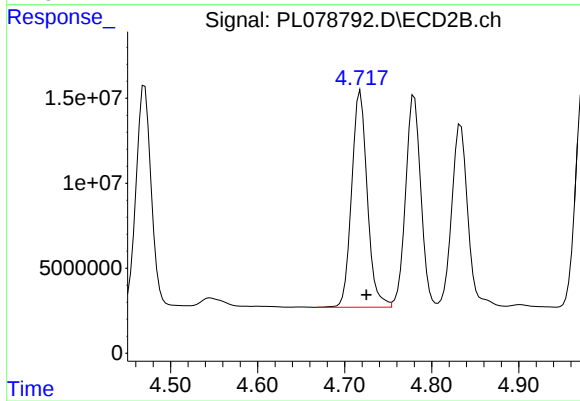
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.006 min
Response: 138726454
Conc: 48.46 ng/ml



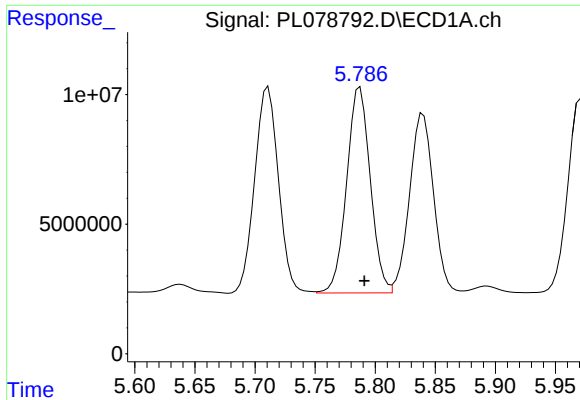
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 109647326
Conc: 48.58 ng/ml



#10 gamma-Chlordane

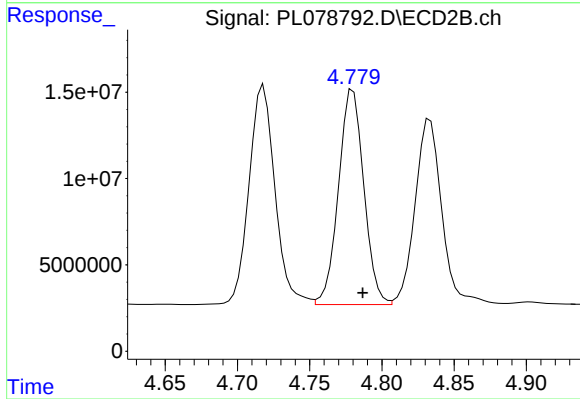
R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 159231691
Conc: 51.96 ng/ml



#11 alpha-Chlordane

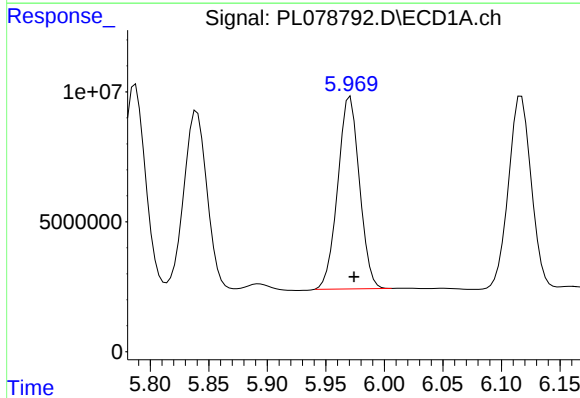
R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 108759502
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



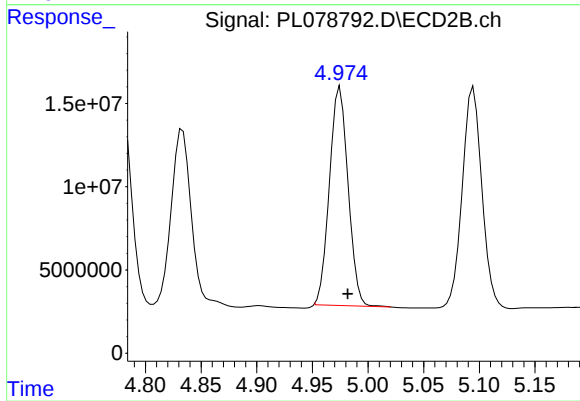
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 151817865
Conc: 50.94 ng/ml



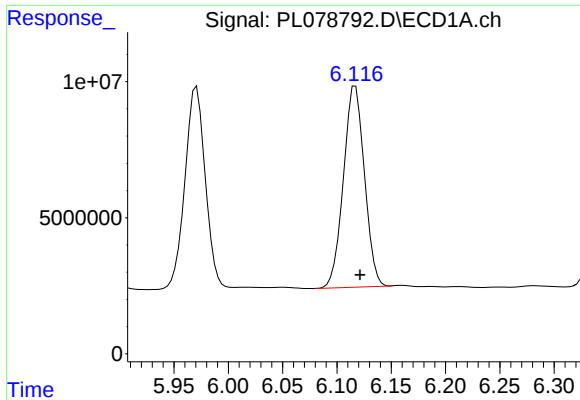
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 95500530
Conc: 47.72 ng/ml



#12 4,4'-DDE

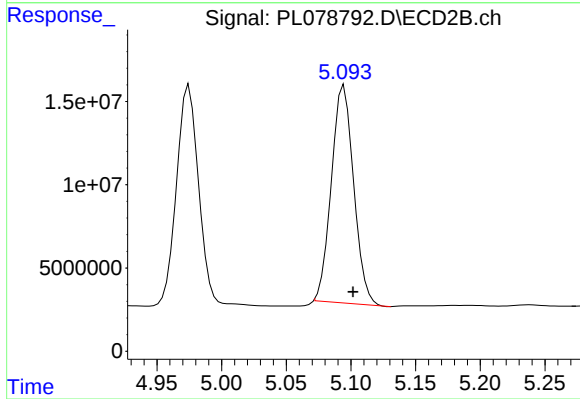
R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 152875366
Conc: 56.15 ng/ml



#13 Dieldrin

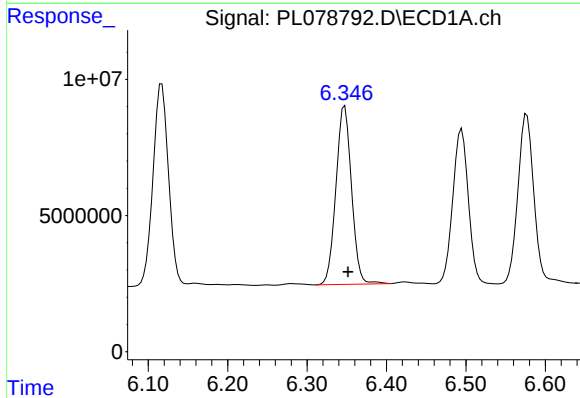
R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 99475765
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



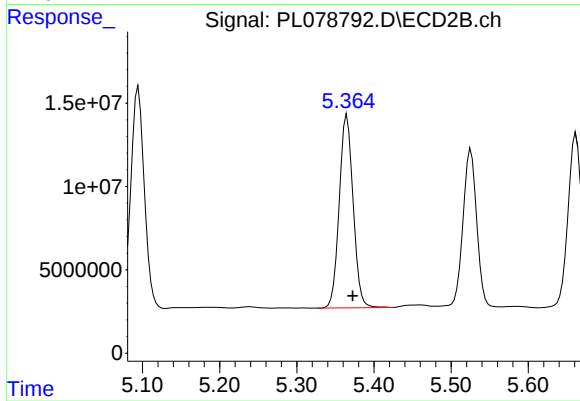
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 156550832
Conc: 52.83 ng/ml



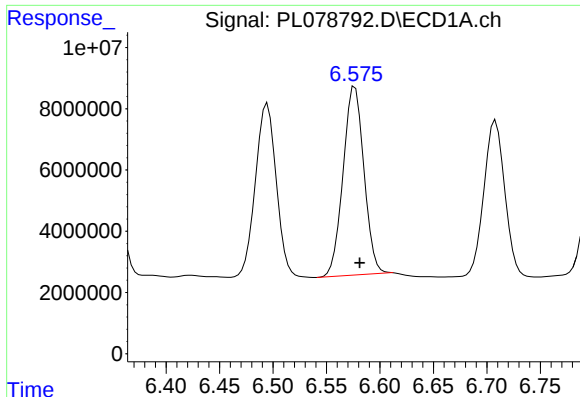
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 89270529
Conc: 47.04 ng/ml



#14 Endrin

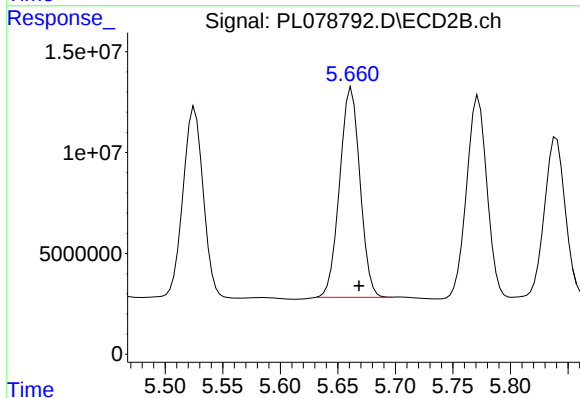
R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 144844599
Conc: 55.60 ng/ml



#15 Endosulfan II

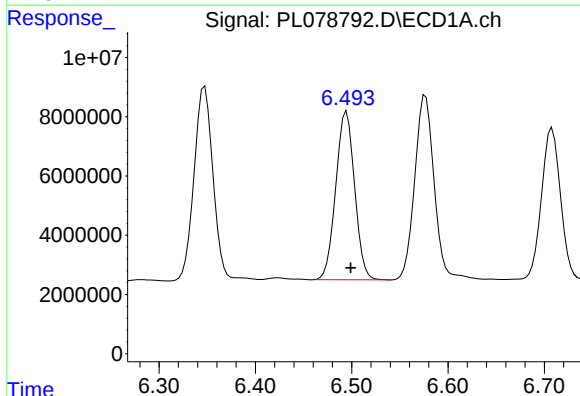
R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 83580597
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



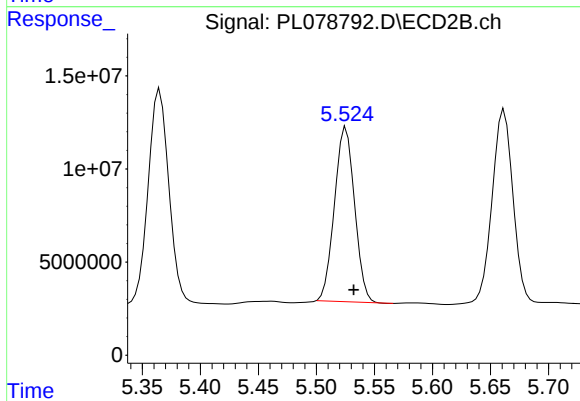
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 128561789
Conc: 56.48 ng/ml



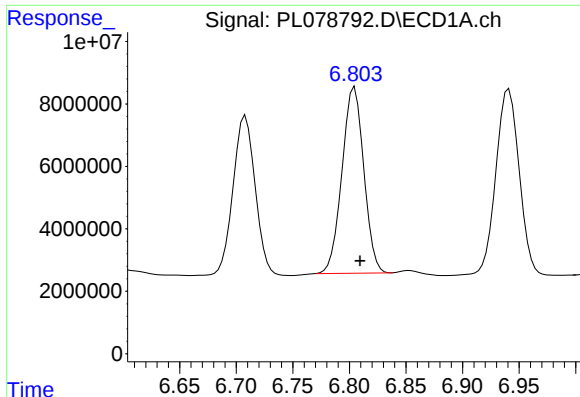
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 77194241
Conc: 46.31 ng/ml



#16 4,4'-DDD

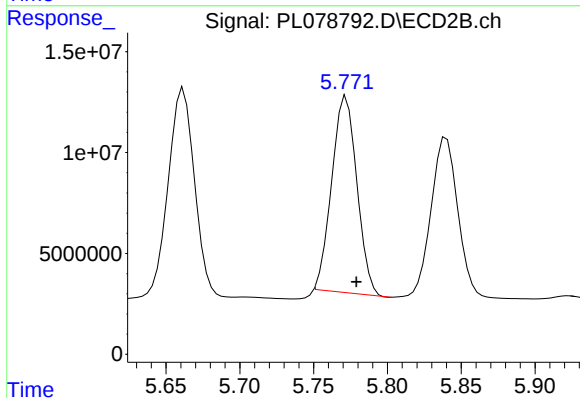
R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 112989335
Conc: 51.44 ng/ml



#17 4,4'-DDT

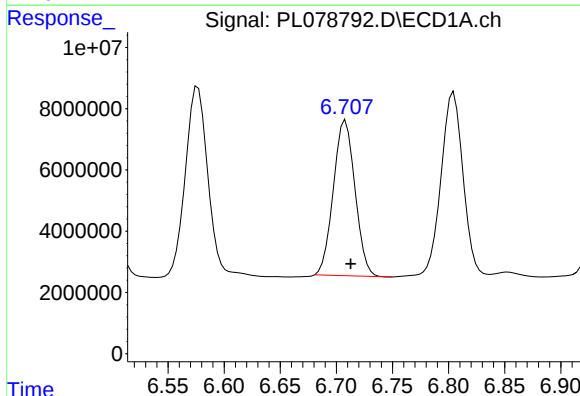
R.T.: 6.805 min
Delta R.T.: -0.005 min
Response: 79984848
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



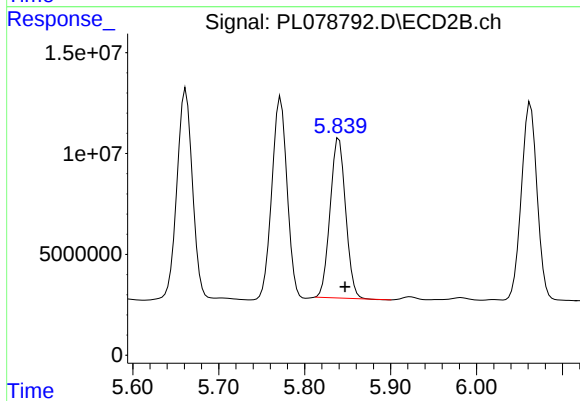
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 115273302
Conc: 53.14 ng/ml



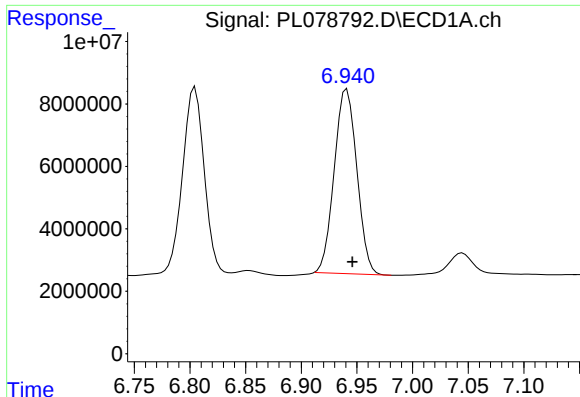
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 67999918
Conc: 46.73 ng/ml



#18 Endrin aldehyde

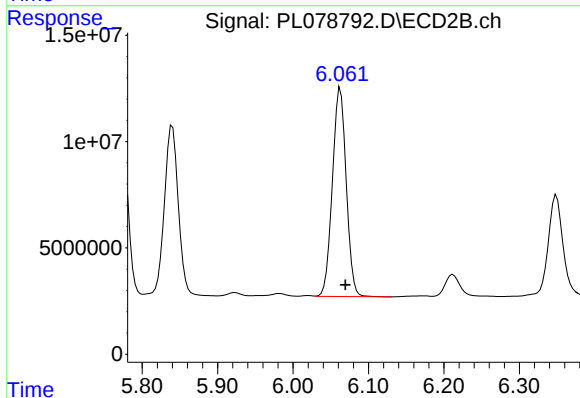
R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 99190278
Conc: 52.85 ng/ml



#19 Endosulfan Sulfate

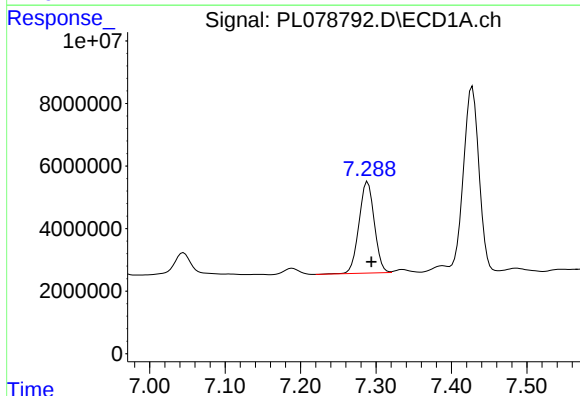
R.T.: 6.941 min
Delta R.T.: -0.005 min
Response: 83456372
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



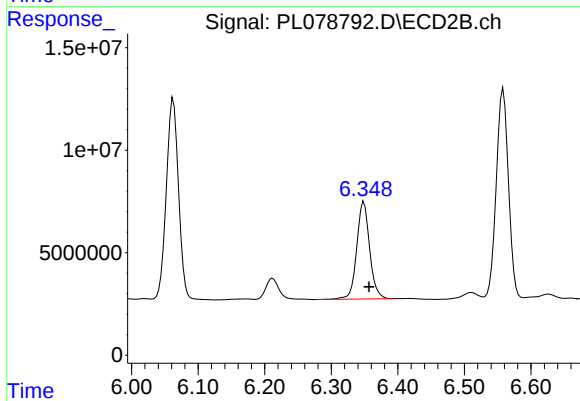
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 125044822
Conc: 52.53 ng/ml



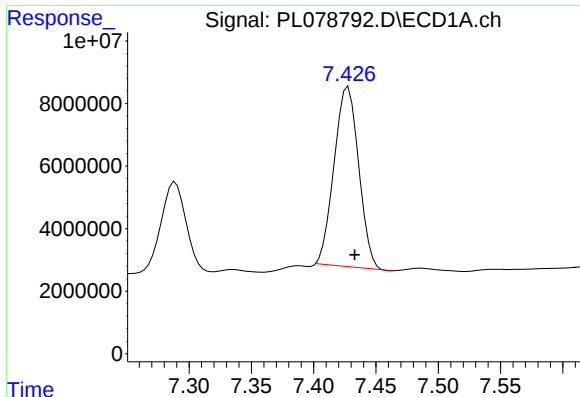
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 41167996
Conc: 44.70 ng/ml



#20 Methoxychlor

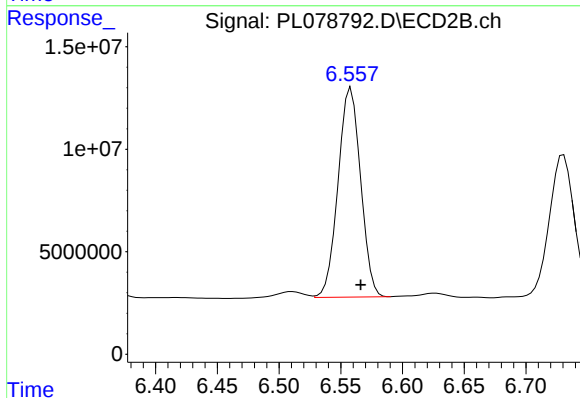
R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 63997842
Conc: 56.40 ng/ml



#21 Endrin ketone

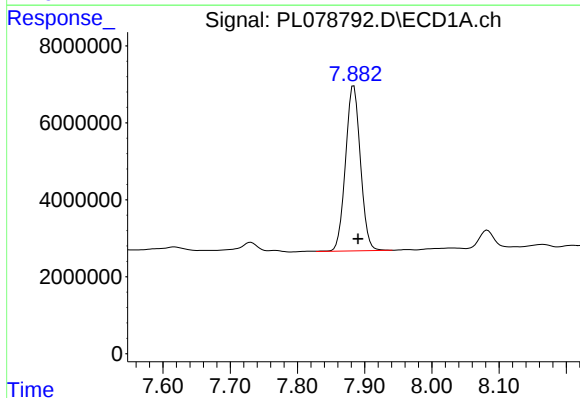
R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 78977101
Conc: 41.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



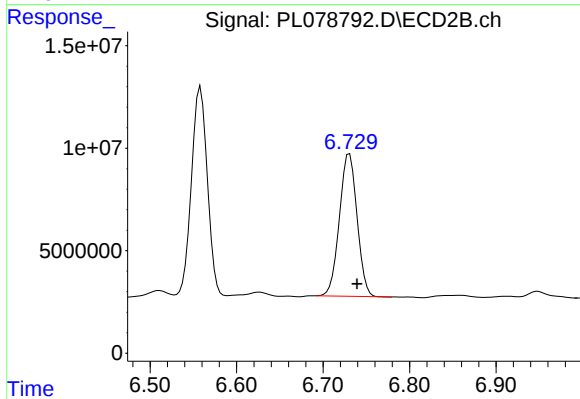
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 129743408
Conc: 50.20 ng/ml



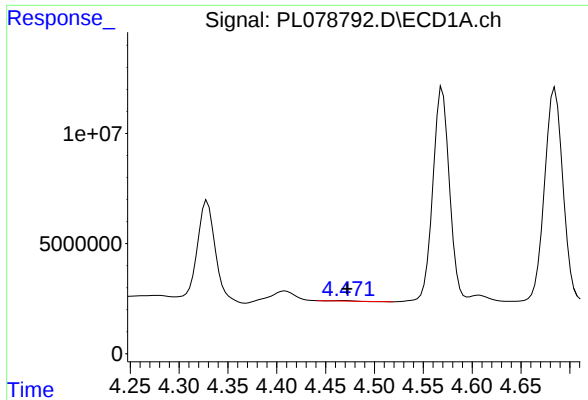
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 65983363
Conc: 45.20 ng/ml



#22 Mirex

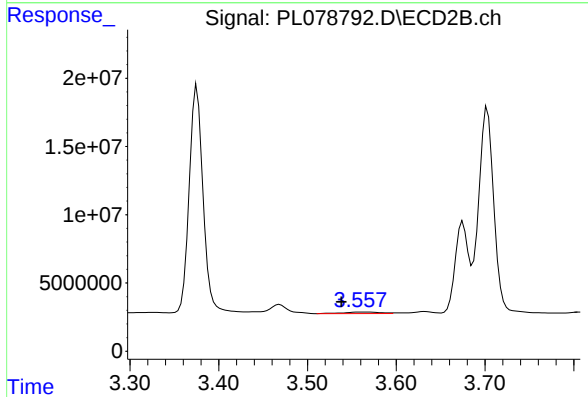
R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 97944176
Conc: 49.77 ng/ml



#23 Chlordane-1

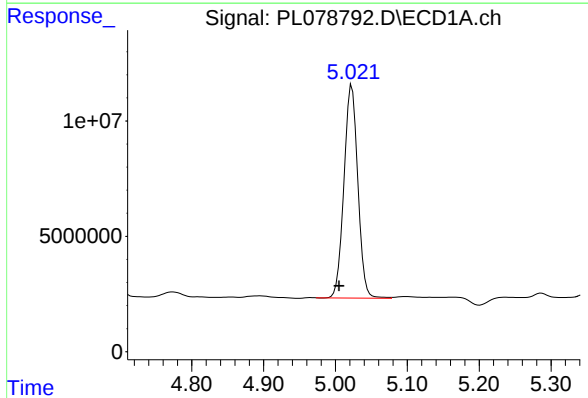
R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 289470
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



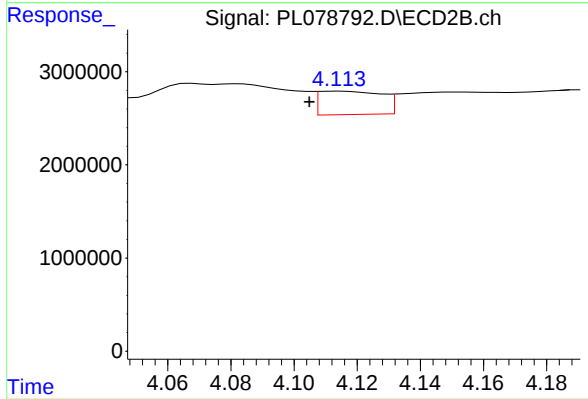
#23 Chlordane-1

R.T.: 3.558 min
Delta R.T.: 0.020 min
Response: 3121559
Conc: 30.95 ng/ml



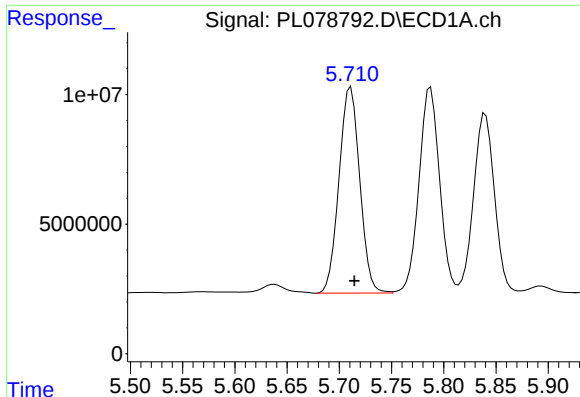
#24 Chlordane-2

R.T.: 5.023 min
Delta R.T.: 0.018 min
Response: 123627104
Conc: 1494.10 ng/ml



#24 Chlordane-2

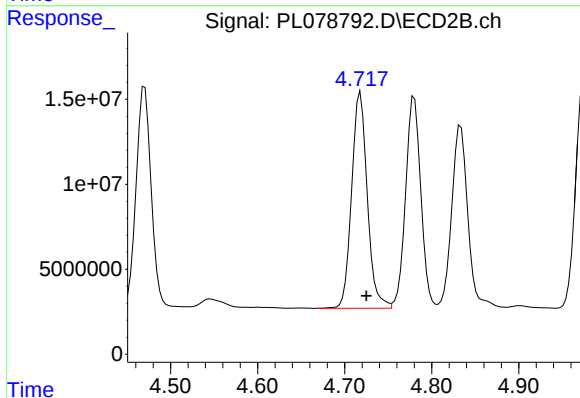
R.T.: 4.114 min
Delta R.T.: 0.010 min
Response: 3483120
Conc: 32.73 ng/ml



#25 Chlordane-3

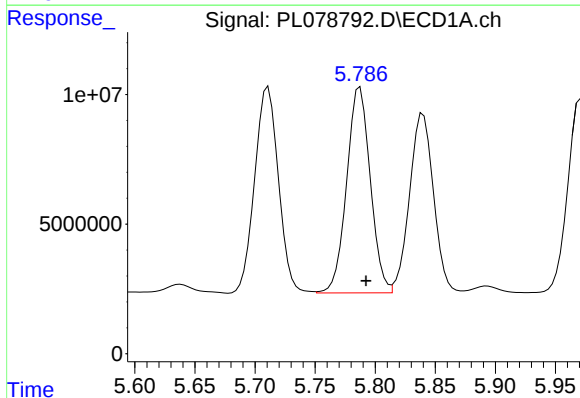
R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 109647326
Conc: 328.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



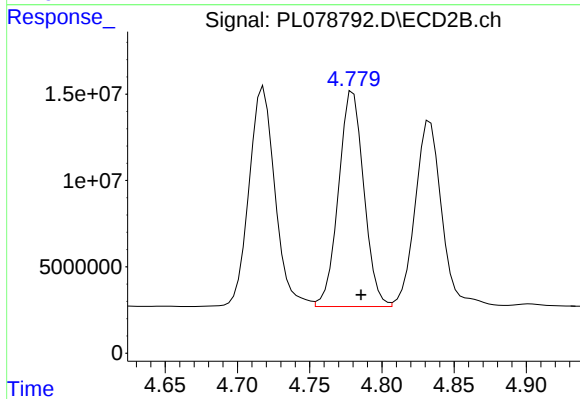
#25 Chlordane-3

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 159231691
Conc: 522.44 ng/ml



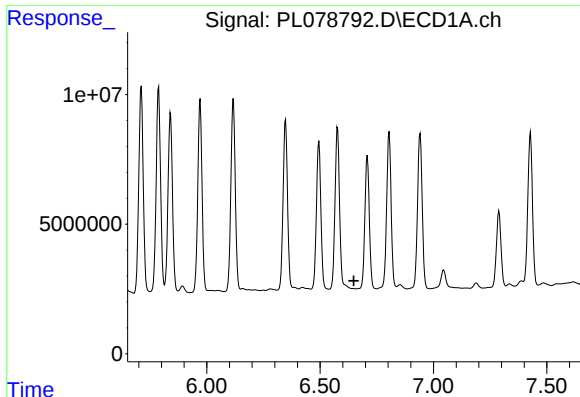
#26 Chlordane-4

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 108759502
Conc: 264.92 ng/ml



#26 Chlordane-4

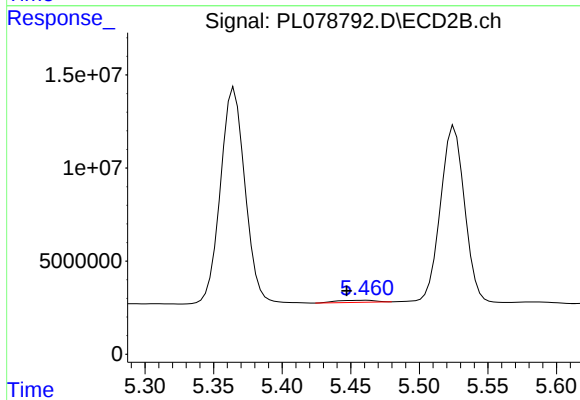
R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 151817865
Conc: 464.61 ng/ml



#27 Chlordane-5

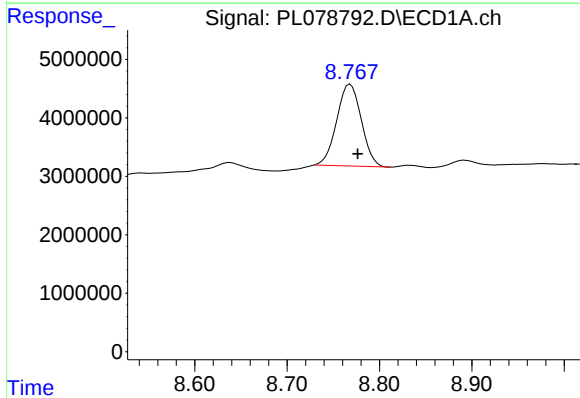
R.T.: 0.000 min
Exp R.T.: 6.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



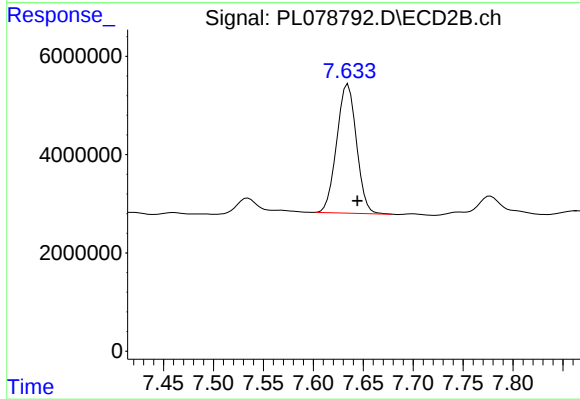
#27 Chlordane-5

R.T.: 5.461 min
Delta R.T.: 0.014 min
Response: 2210023
Conc: 27.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.008 min
Response: 25869559
Conc: 17.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 36091397
Conc: 19.05 ng/ml