

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 13:59
 Operator : AR\AJ
 Sample : PB151027BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

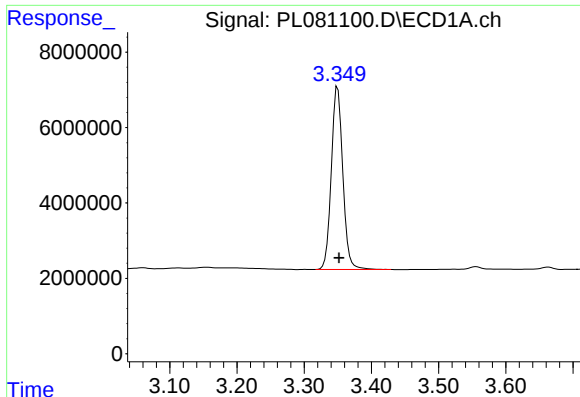
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:07:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.350	2.687	57099035	55226490	24.495	23.999
28)	SA Decachlor...	8.785	7.829	49160047	58868618	25.144	25.129
Target Compounds							
2)	A alpha-BHC	3.798	3.187	188.5E6	173.2E6	53.492	51.721
3)	MA gamma-BHC...	4.126	3.515	175.4E6	162.4E6	53.246	51.715
4)	MA Heptachlor	4.710	3.855	172.8E6	164.2E6	52.544	50.086
5)	MB Aldrin	5.048	4.135	164.1E6	160.6E6	54.563	52.237
6)	B beta-BHC	4.323	3.812	75212491	65634237	50.325	48.783
7)	B delta-BHC	4.566	4.041	174.8E6	158.2E6	54.454	52.372
8)	B Heptachlo...	5.473	4.636	149.8E6	145.8E6	53.800	50.952
9)	A Endosulfan I	5.854	5.005	136.5E6	134.3E6	52.604	50.405
10)	B gamma-Chl...	5.727	4.887	151.1E6	147.1E6	54.083	50.522
11)	B alpha-Chl...	5.806	4.951	148.5E6	147.0E6	53.508	50.355
12)	B 4,4'-DDE	5.985	5.143	134.7E6	126.9E6	54.402	53.175
13)	MA Dieldrin	6.128	5.271	146.0E6	144.5E6	55.137	52.463
14)	MA Endrin	6.356	5.545	126.1E6	126.4E6	53.265	51.107
15)	B Endosulfa...	6.575	5.839	122.4E6	123.6E6	55.147	54.681
16)	A 4,4'-DDD	6.498	5.697	111.0E6	103.5E6	54.893	54.388
17)	MA 4,4'-DDT	6.812	5.948	112.7E6	109.8E6	49.895	50.653
18)	B Endrin al...	6.704	6.019	102.0E6	102.6E6	56.118	55.616
19)	B Endosulfa...	6.938	6.242	123.7E6	123.7E6	53.721	52.196
20)	A Methoxychlor	7.290	6.526	62428078	60126338	50.875	50.094
21)	B Endrin ke...	7.418	6.746	130.1E6	136.0E6	54.640	51.946
22)	Mirex	7.889	6.928	100.7E6	116.0E6	53.818	49.852
23)	Chlordane-1	0.000	3.681	0	18715	N.D.	0.230 #
24)	Chlordane-2	5.048f	4.269	164.1E6	30624	1613.987	0.337 #
25)	Chlordane-3	5.727	4.887	151.1E6	147.1E6	397.511	559.911 #
26)	Chlordane-4	5.806	4.951	148.5E6	147.0E6	320.401	547.926 #

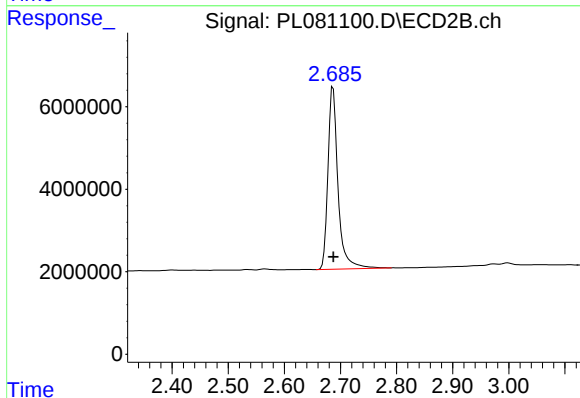
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

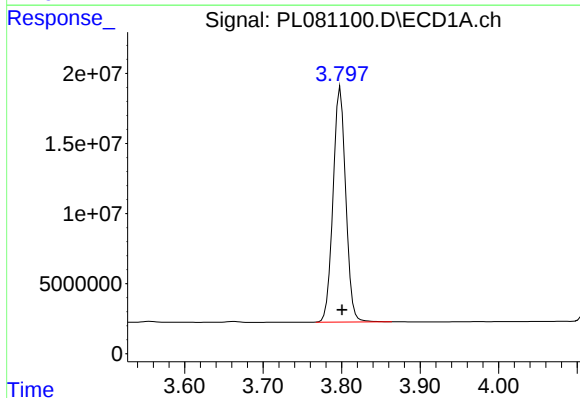
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 57099035
Conc: 24.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



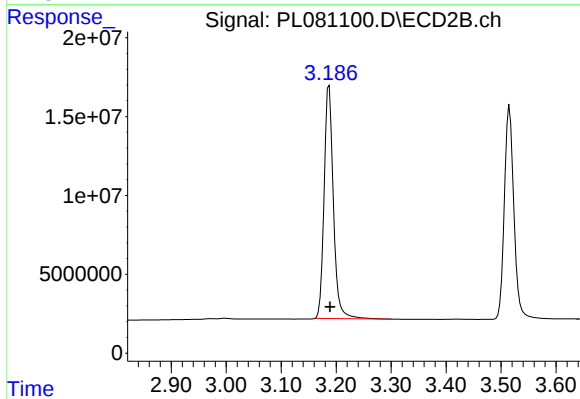
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 55226490
Conc: 24.00 ng/ml



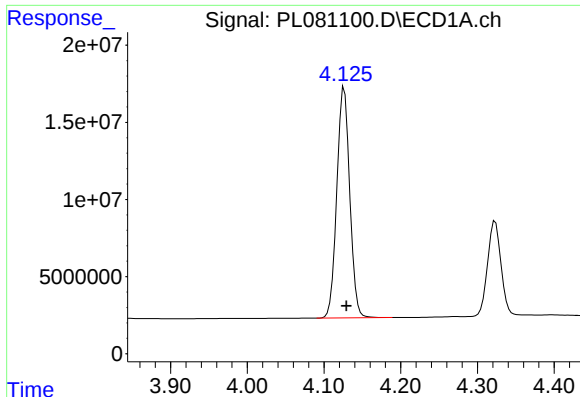
#2 alpha-BHC

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 188522547
Conc: 53.49 ng/ml



#2 alpha-BHC

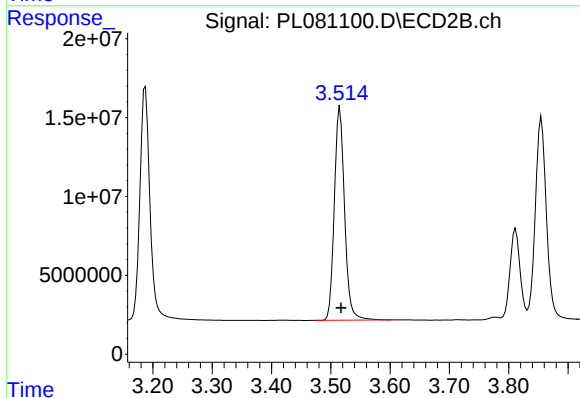
R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 173211346
Conc: 51.72 ng/ml



#3 gamma-BHC (Lindane)

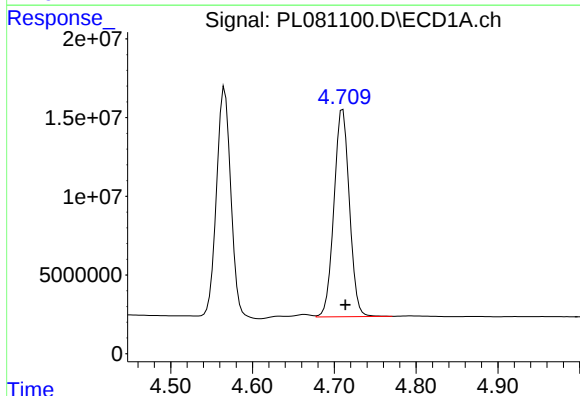
R.T.: 4.126 min
Delta R.T.: -0.003 min
Response: 175370636
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



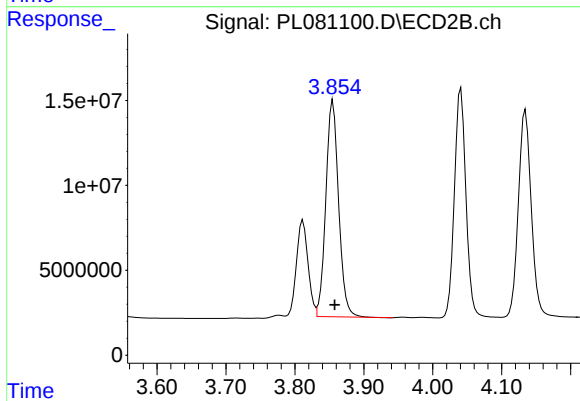
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.002 min
Response: 162440966
Conc: 51.71 ng/ml



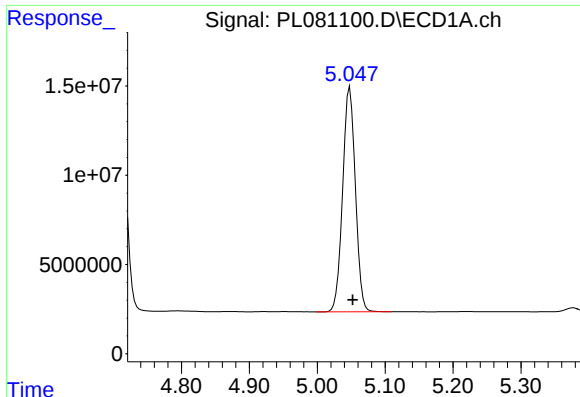
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 172793011
Conc: 52.54 ng/ml



#4 Heptachlor

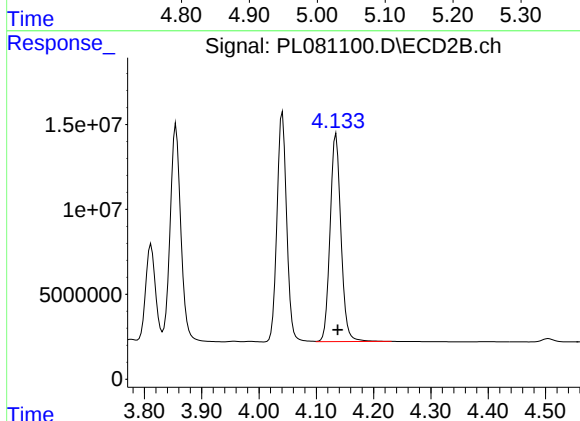
R.T.: 3.855 min
Delta R.T.: -0.003 min
Response: 164208592
Conc: 50.09 ng/ml



#5 Aldrin

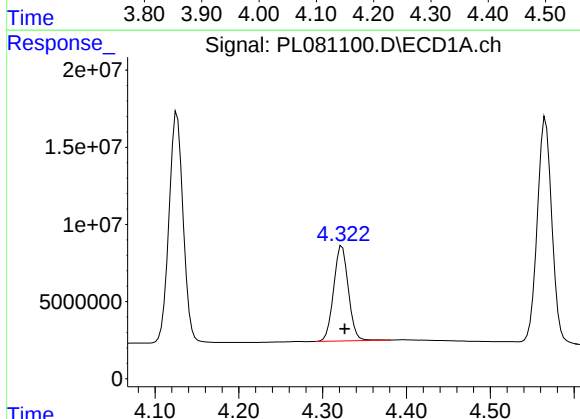
R.T.: 5.048 min
Delta R.T.: -0.004 min
Response: 164136722
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



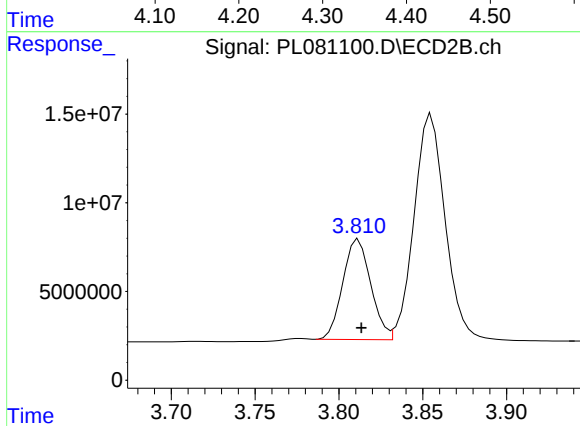
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 160552768
Conc: 52.24 ng/ml



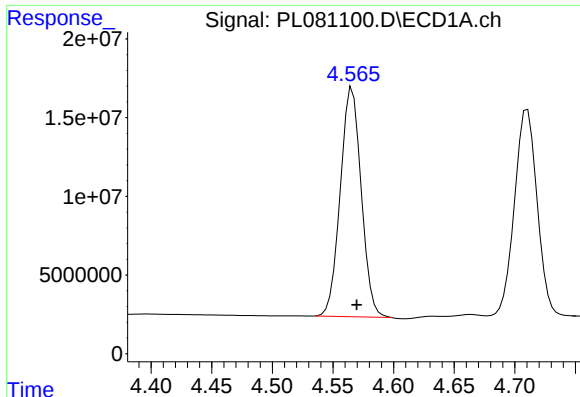
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 75212491
Conc: 50.32 ng/ml



#6 beta-BHC

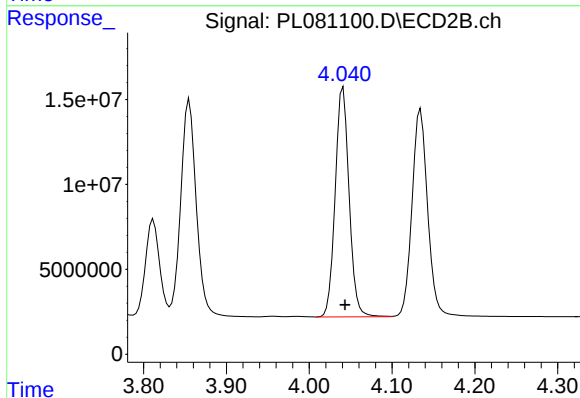
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 65634237
Conc: 48.78 ng/ml



#7 delta-BHC

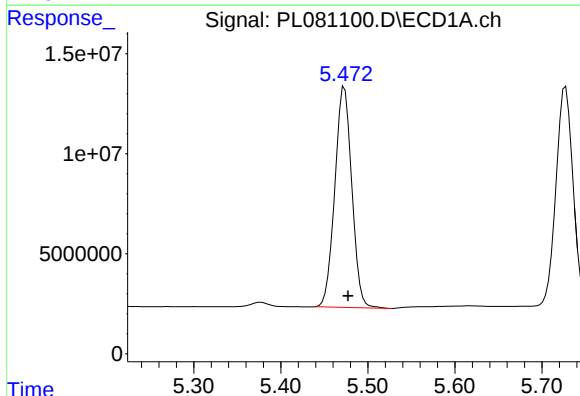
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 174847092
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



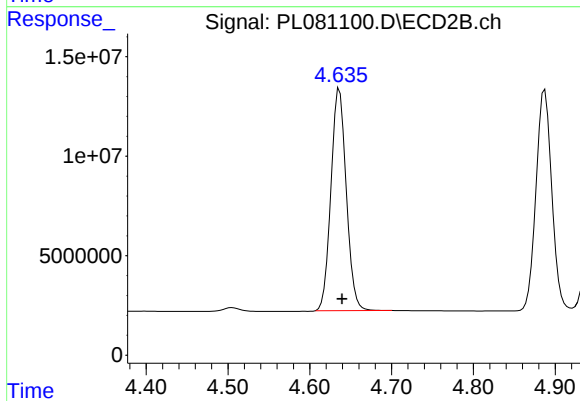
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 158232753
Conc: 52.37 ng/ml



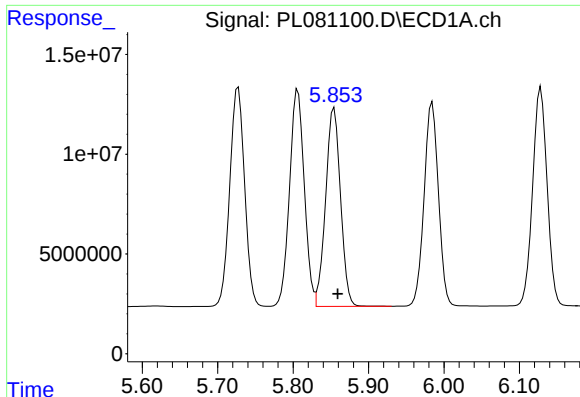
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 149813258
Conc: 53.80 ng/ml



#8 Heptachlor epoxide

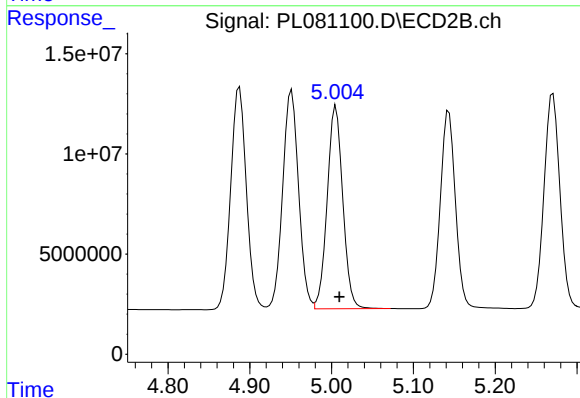
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 145787929
Conc: 50.95 ng/ml



#9 Endosulfan I

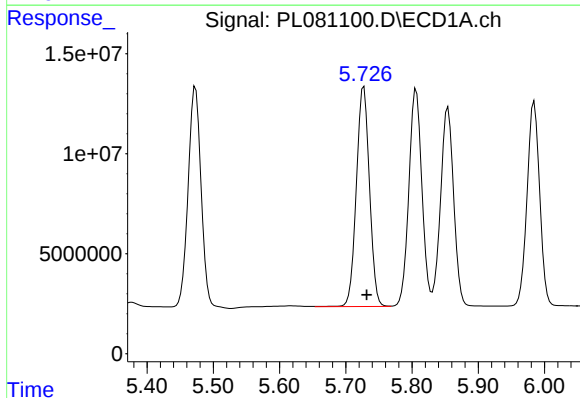
R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 136490371
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



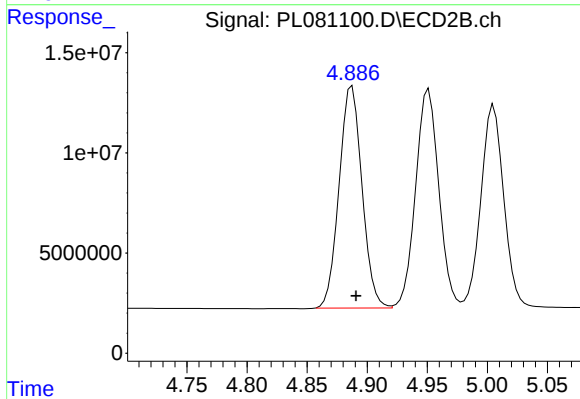
#9 Endosulfan I

R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 134345233
Conc: 50.40 ng/ml



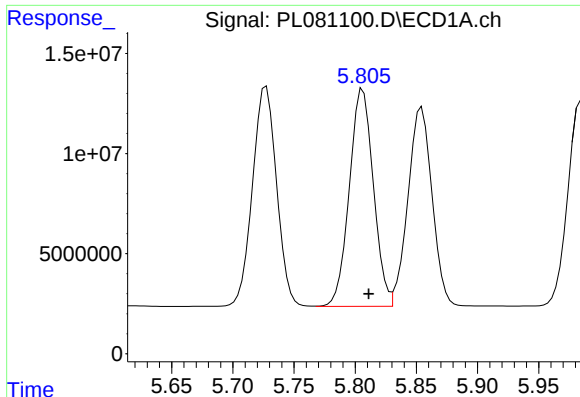
#10 gamma-Chlordane

R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 151076383
Conc: 54.08 ng/ml



#10 gamma-Chlordane

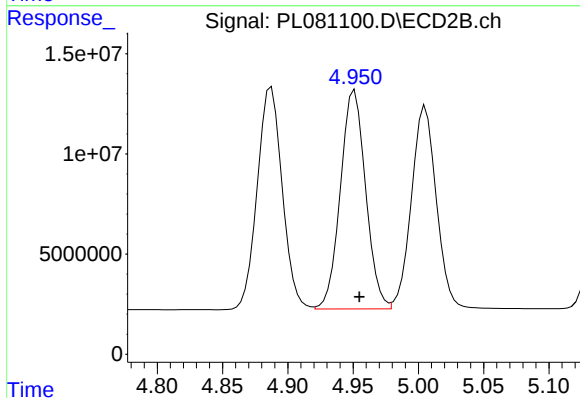
R.T.: 4.887 min
Delta R.T.: -0.003 min
Response: 147129639
Conc: 50.52 ng/ml



#11 alpha-Chlordane

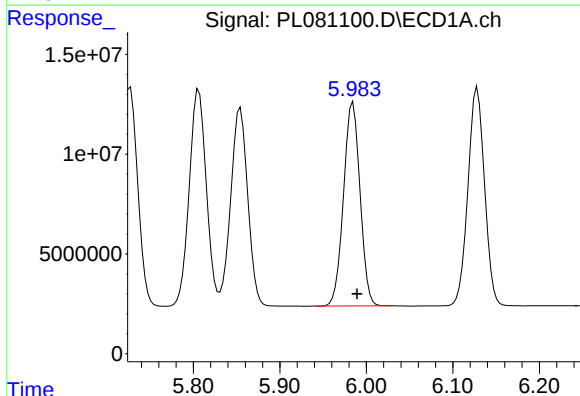
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 148467440
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



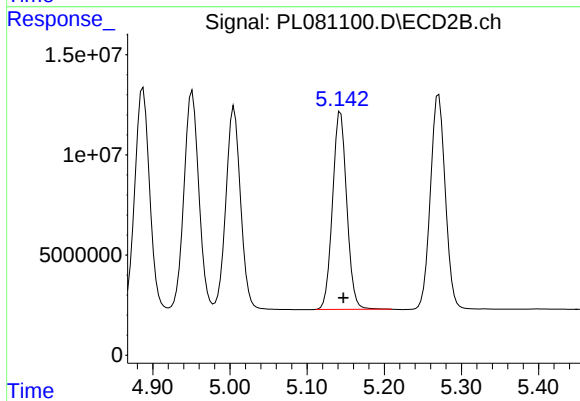
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 147016491
Conc: 50.36 ng/ml



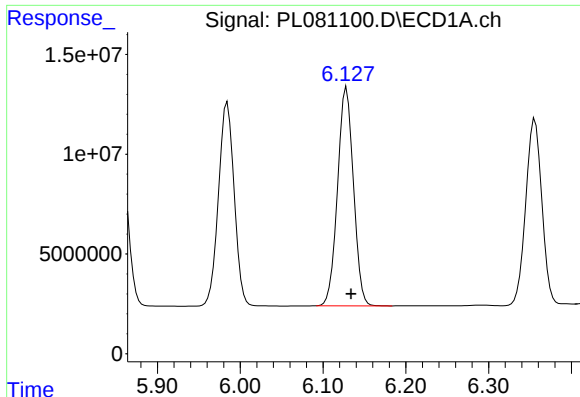
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 134658473
Conc: 54.40 ng/ml



#12 4,4'-DDE

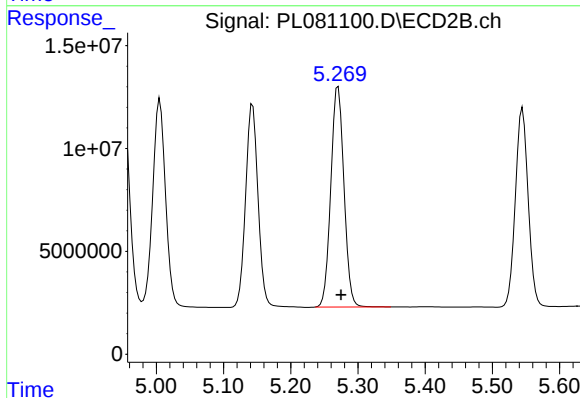
R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 126929728
Conc: 53.18 ng/ml



#13 Dieldrin

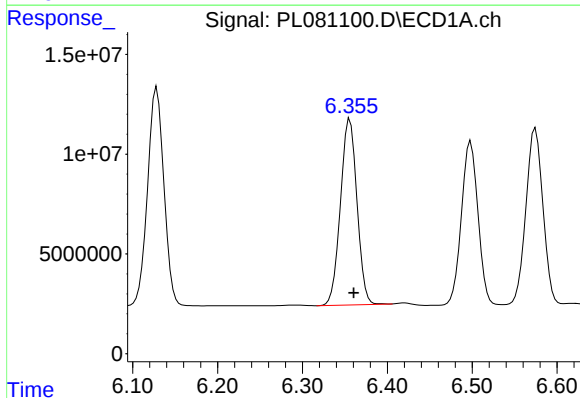
R.T.: 6.128 min
Delta R.T.: -0.005 min
Response: 146013251
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



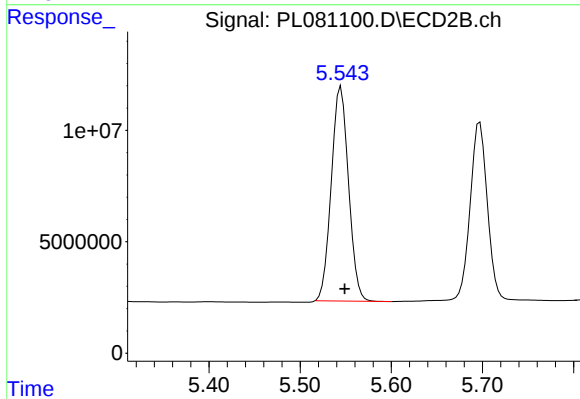
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 144506210
Conc: 52.46 ng/ml



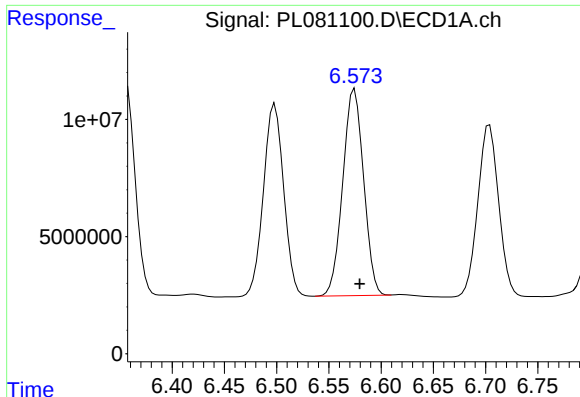
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 126102202
Conc: 53.26 ng/ml



#14 Endrin

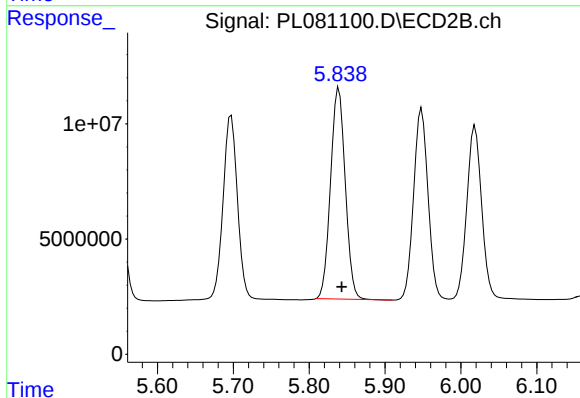
R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 126364683
Conc: 51.11 ng/ml



#15 Endosulfan II

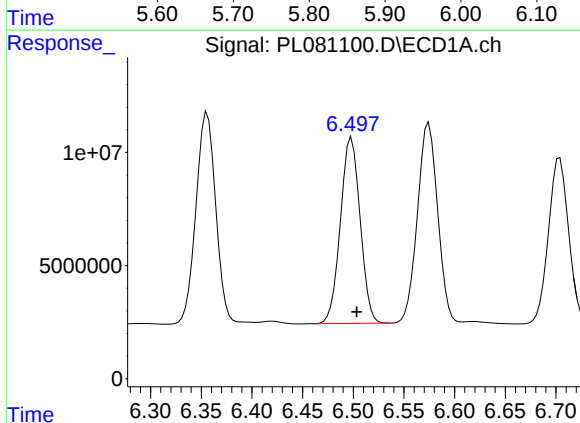
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 122421561
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



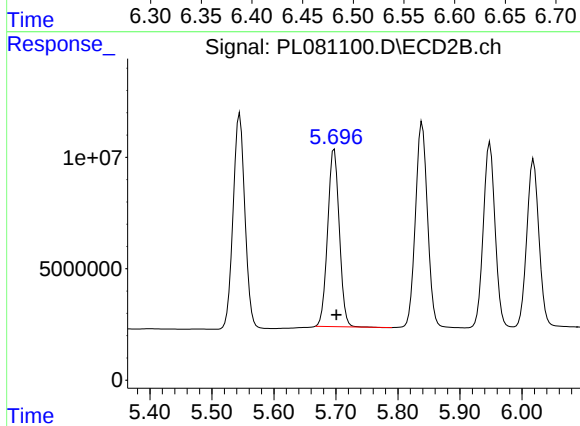
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 123642905
Conc: 54.68 ng/ml



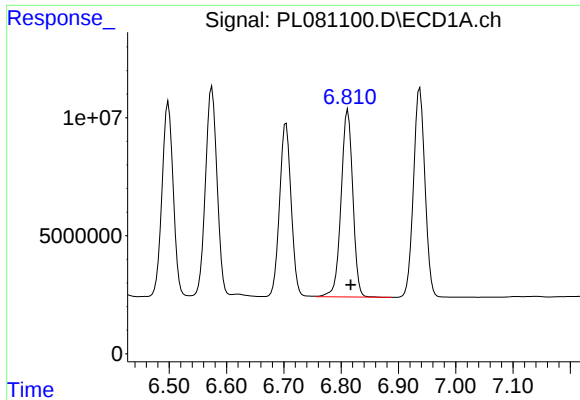
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 111030963
Conc: 54.89 ng/ml



#16 4,4'-DDD

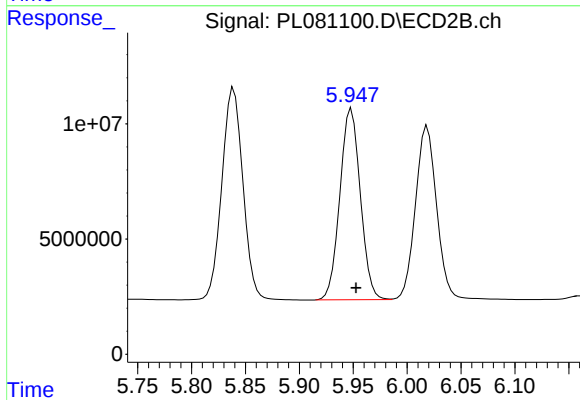
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 103527662
Conc: 54.39 ng/ml



#17 4,4'-DDT

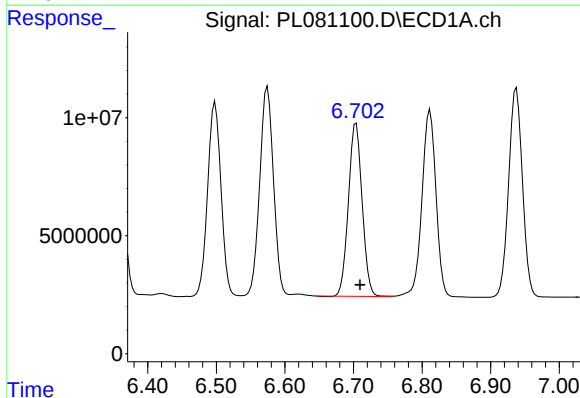
R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 112731052
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



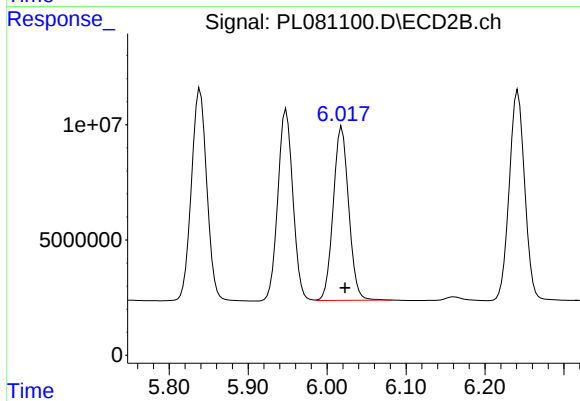
#17 4,4'-DDT

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 109820953
Conc: 50.65 ng/ml



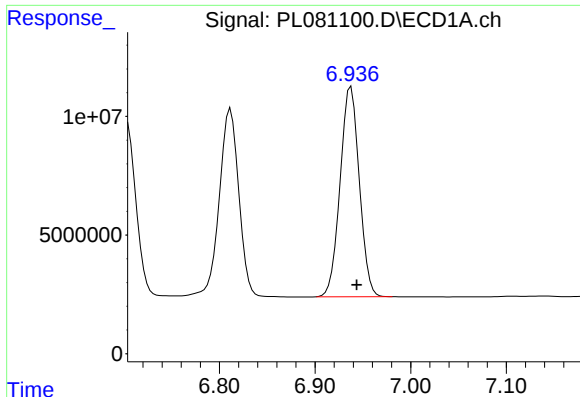
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 102042057
Conc: 56.12 ng/ml



#18 Endrin aldehyde

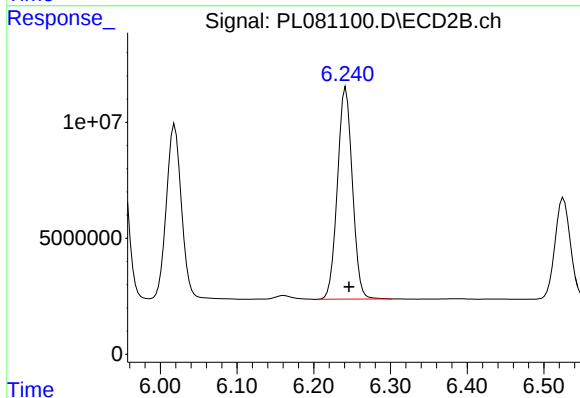
R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 102621046
Conc: 55.62 ng/ml



#19 Endosulfan Sulfate

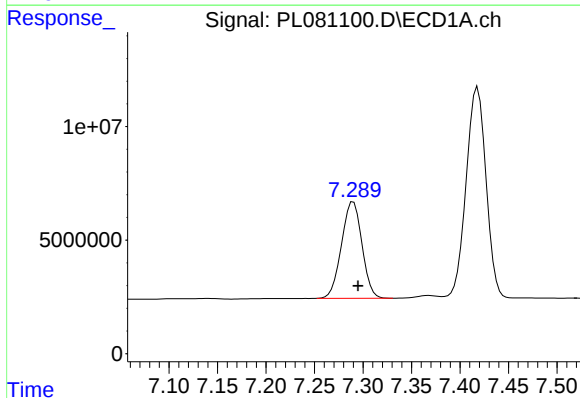
R.T.: 6.938 min
Delta R.T.: -0.006 min
Response: 123720537
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



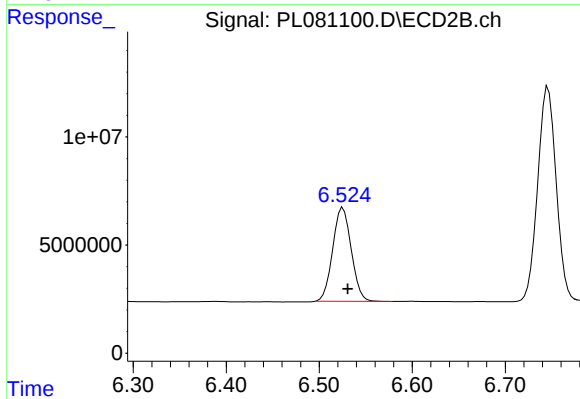
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 123717876
Conc: 52.20 ng/ml



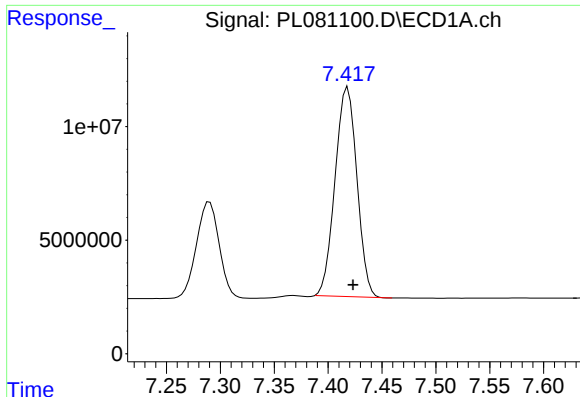
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 62428078
Conc: 50.87 ng/ml



#20 Methoxychlor

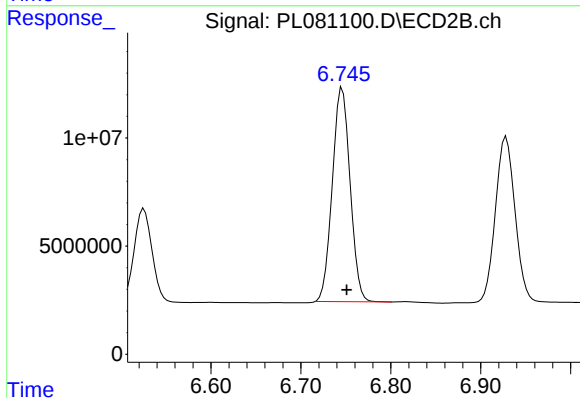
R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 60126338
Conc: 50.09 ng/ml



#21 Endrin ketone

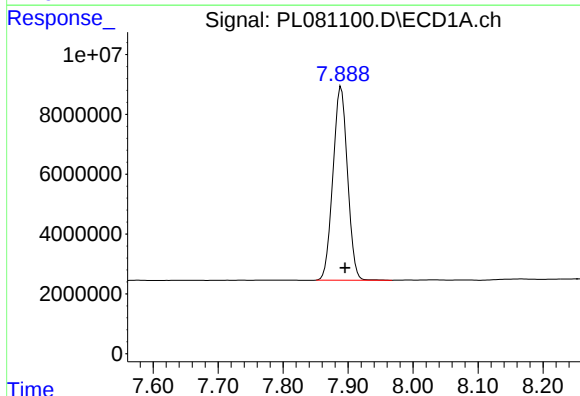
R.T.: 7.418 min
Delta R.T.: -0.005 min
Response: 130124302
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



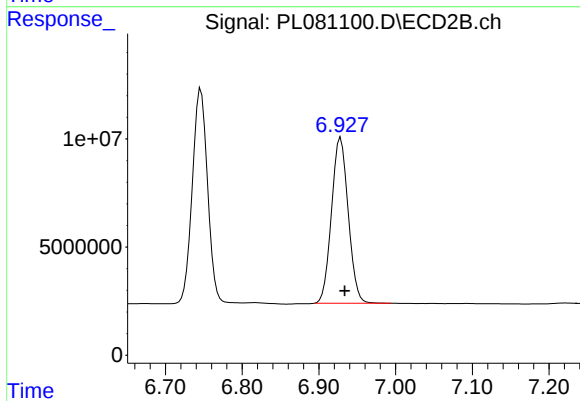
#21 Endrin ketone

R.T.: 6.746 min
Delta R.T.: -0.005 min
Response: 136010199
Conc: 51.95 ng/ml



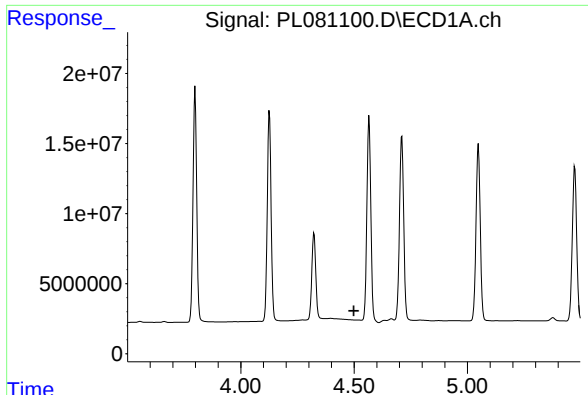
#22 Mirex

R.T.: 7.889 min
Delta R.T.: -0.006 min
Response: 100689020
Conc: 53.82 ng/ml



#22 Mirex

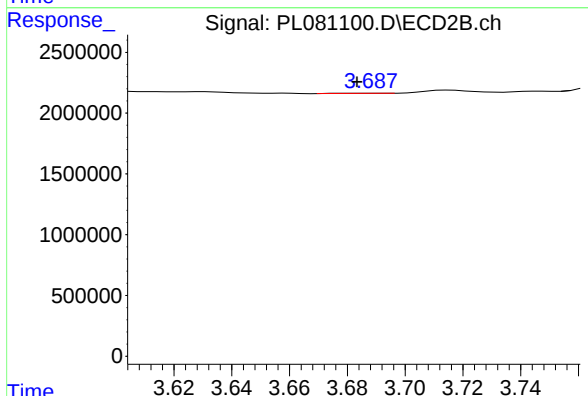
R.T.: 6.928 min
Delta R.T.: -0.005 min
Response: 115955552
Conc: 49.85 ng/ml



#23 Chlordane-1

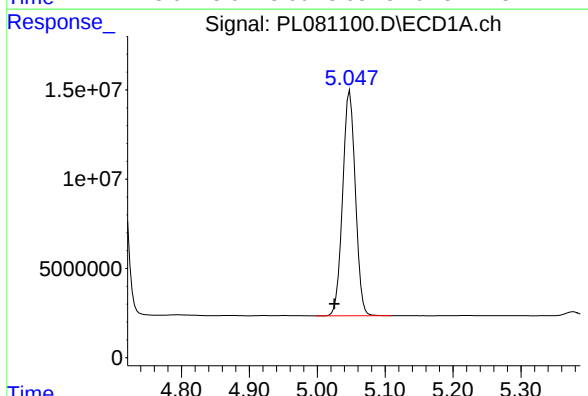
R.T.: 0.000 min
Exp R.T.: 4.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



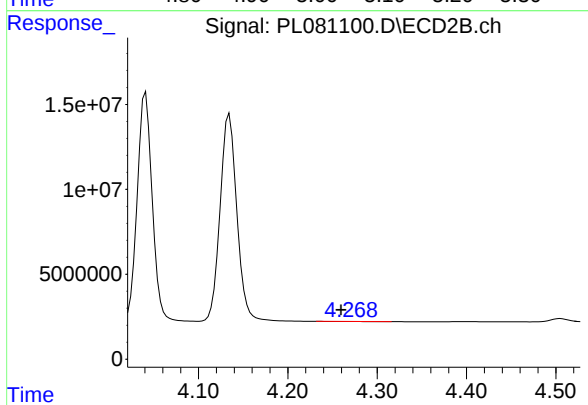
#23 Chlordane-1

R.T.: 3.681 min
Delta R.T.: -0.003 min
Response: 18715
Conc: 0.23 ng/ml



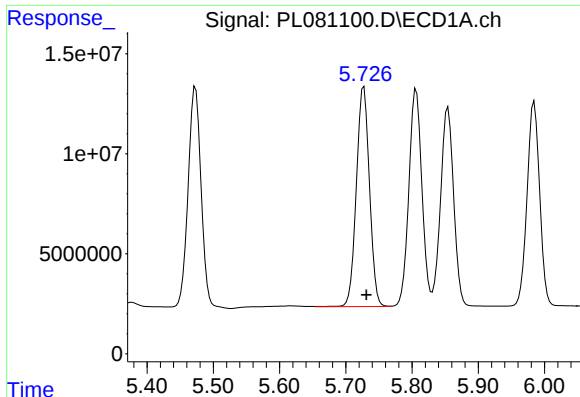
#24 Chlordane-2

R.T.: 5.048 min
Delta R.T.: 0.023 min
Response: 164136722
Conc: 1613.99 ng/ml



#24 Chlordane-2

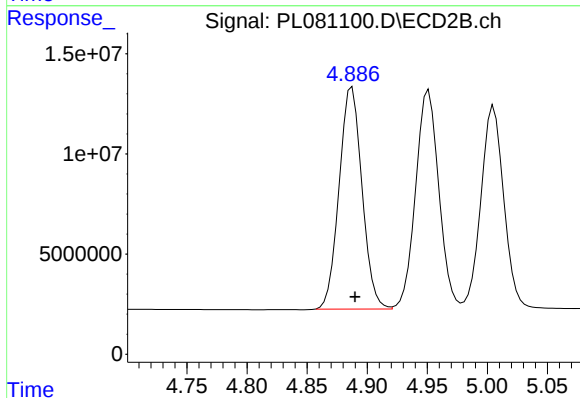
R.T.: 4.269 min
Delta R.T.: 0.010 min
Response: 30624
Conc: 0.34 ng/ml



#25 Chlordane-3

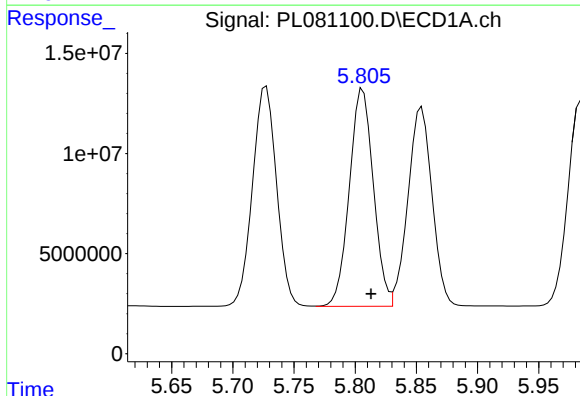
R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 151076383
Conc: 397.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



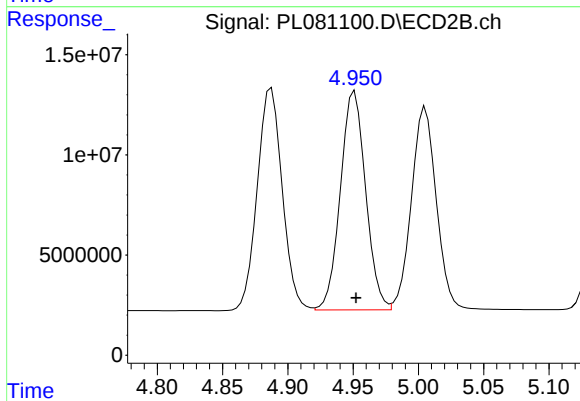
#25 Chlordane-3

R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 147129639
Conc: 559.91 ng/ml



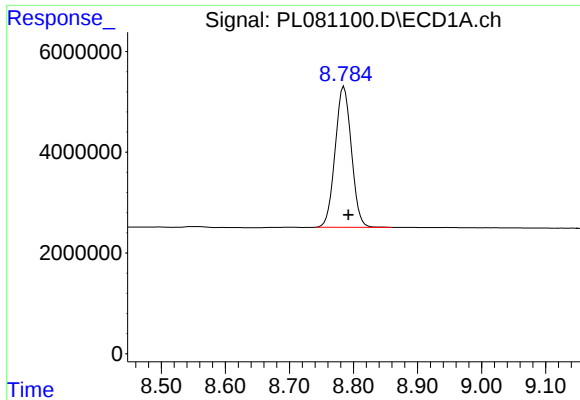
#26 Chlordane-4

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 148467440
Conc: 320.40 ng/ml



#26 Chlordane-4

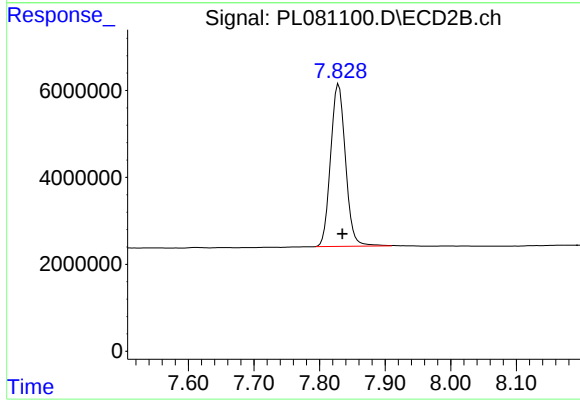
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 147016491
Conc: 547.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.007 min
Response: 49160047
Conc: 25.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.829 min
Delta R.T.: -0.006 min
Response: 58868618
Conc: 25.13 ng/ml