

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 16:58
 Operator : AR\AJ
 Sample : 01764-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:44:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.335	2.665	40931917	35819649	18.945	17.699
28)	SA Decachlor...	8.763	7.790	34469923	39657321	22.610	20.703
Target Compounds							
2)	A alpha-BHC	3.785	3.166	155.4E6	136.7E6	48.841	46.653
3)	MA gamma-BHC...	4.114	3.494	156.7E6	138.1E6	52.958	50.211
4)	MA Heptachlor	4.694	3.828	141.7E6	129.8E6	51.367	47.030
5)	MB Aldrin	5.031	4.106	139.3E6	130.5E6	54.742	49.782
6)	B beta-BHC	4.316	3.793	67733186	54195812	49.208	46.695
7)	B delta-BHC	4.558	4.021	143.3E6	119.9E6	51.579	47.074
8)	B Heptachlo...	5.457	4.609	121.7E6	120.0E6	51.554	49.633
9)	A Endosulfan I	5.838	4.977	112.8E6	109.0E6	53.393	48.151
10)	B gamma-Chl...	5.712	4.858	125.2E6	119.3E6	54.846	48.725
11)	B alpha-Chl...	5.790	4.921	121.8E6	119.8E6	54.051	48.907
12)	B 4,4'-DDE	5.968	5.112	108.2E6	103.5E6	55.295	52.743
13)	MA Dieldrin	6.113	5.241	118.5E6	116.3E6	56.608	51.579
14)	MA Endrin	6.340	5.516	99168004	99951631	54.564	49.736
15)	B Endosulfa...	6.561	5.812	99582242	99390707	57.116	53.908
16)	A 4,4'-DDD	6.483	5.667	90418685	86866885	58.737	56.624
17)	MA 4,4'-DDT	6.795	5.917	81411604	80805839	51.289	50.368
18)	B Endrin al...	6.692	5.993	53554776	80697231	37.416	53.264 #
19)	B Endosulfa...	6.926	6.216	94753728	94940268	52.773	49.395
20)	A Methoxychlor	7.276	6.496	46257820	46251470	53.703	49.835
21)	B Endrin ke...	7.406	6.722	104.1E6	110.2E6	57.412	51.194
22)	Mirex	7.871	6.894	78176530	91902545	53.578	47.751
23)	Chlordane-1	0.000	3.652	0	43904	N.D.	0.532 #
24)	Chlordane-2	5.031f	4.245	139.3E6	317465	1391.597	3.101 #
25)	Chlordane-3	5.712	4.858	125.2E6	119.3E6	342.155	441.307 #
26)	Chlordane-4	5.790	4.921	121.8E6	119.8E6	277.051	426.404 #
27)	Chlordane-5	0.000	5.586	0	24064	N.D.	0.348 #

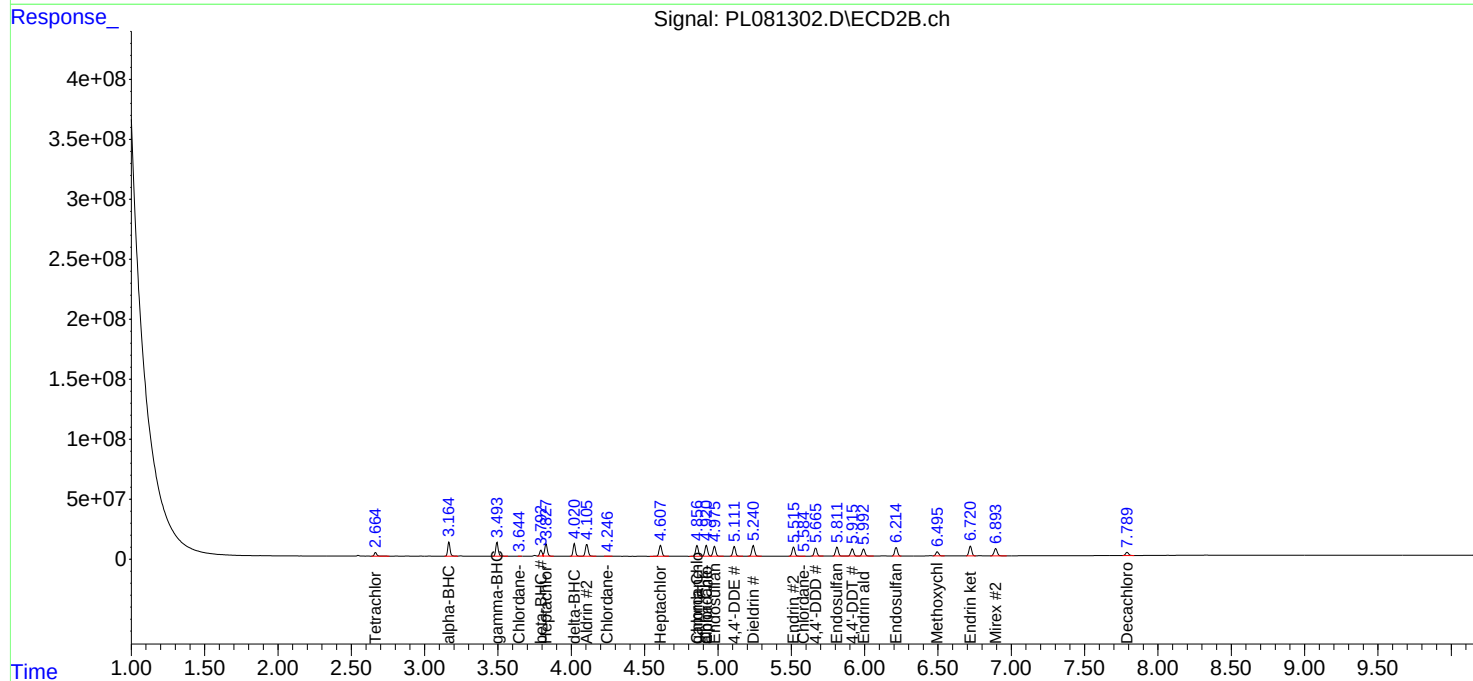
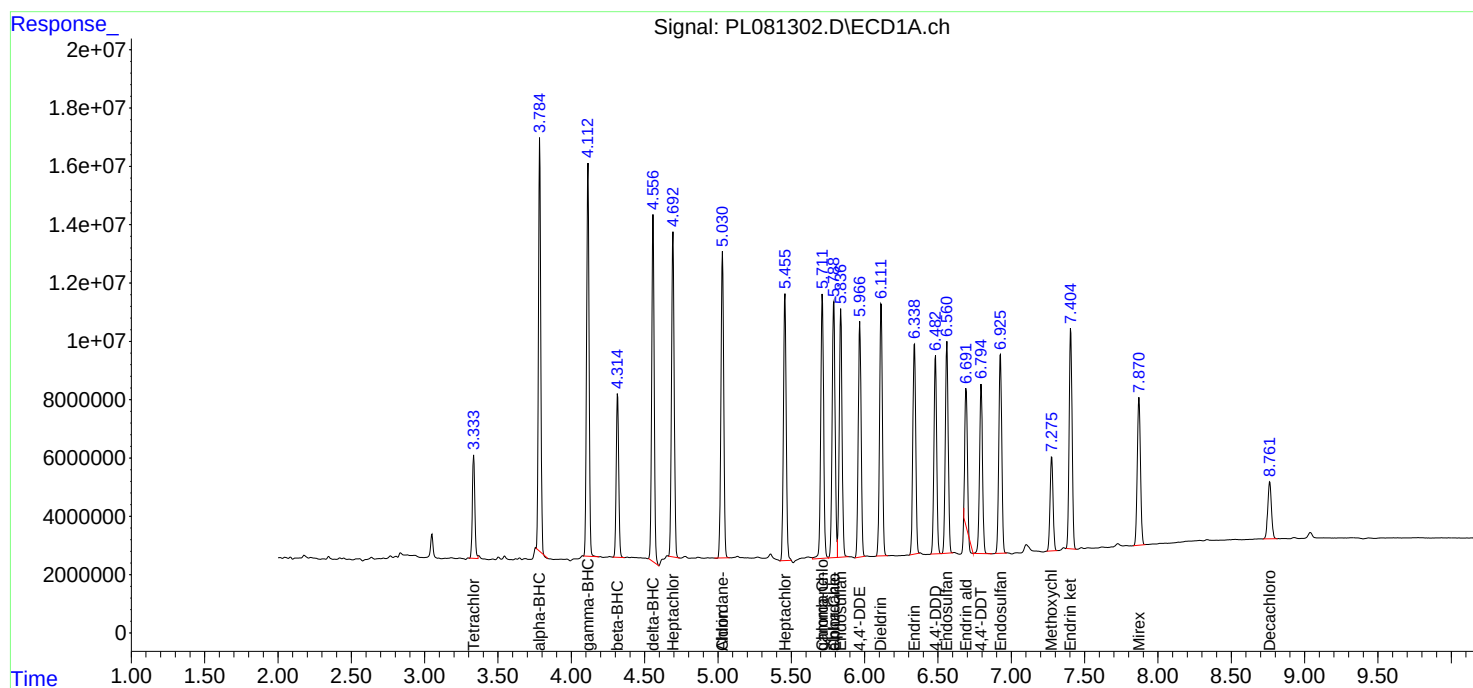
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

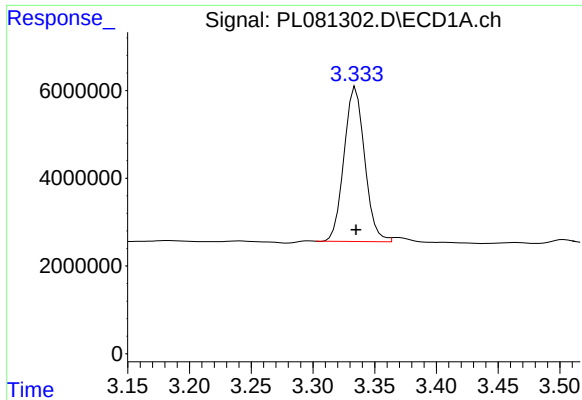
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
Data File : PL081302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2023 16:58
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

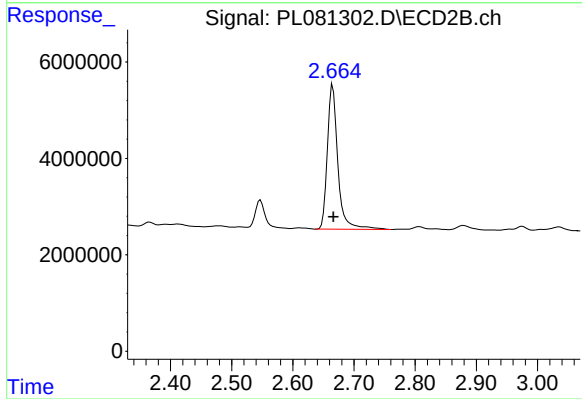




#1 Tetrachloro-m-xylene

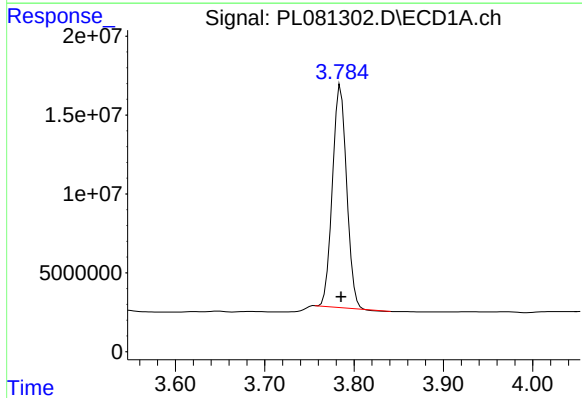
R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 40931917
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



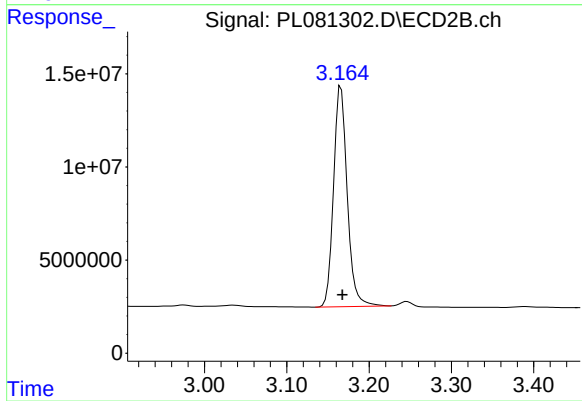
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 35819649
Conc: 17.70 ng/ml



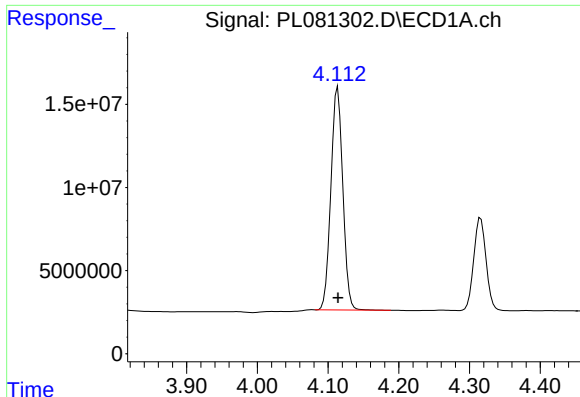
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 155376031
Conc: 48.84 ng/ml



#2 alpha-BHC

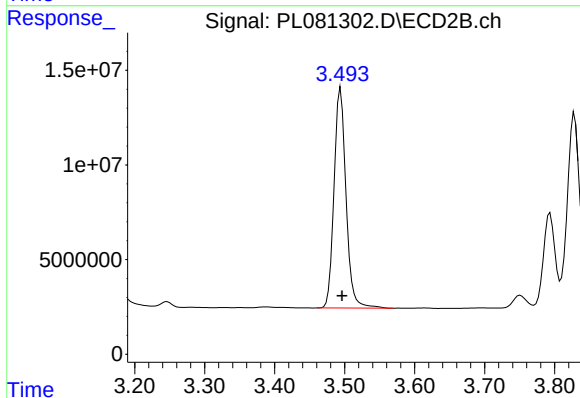
R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 136722292
Conc: 46.65 ng/ml



#3 gamma-BHC (Lindane)

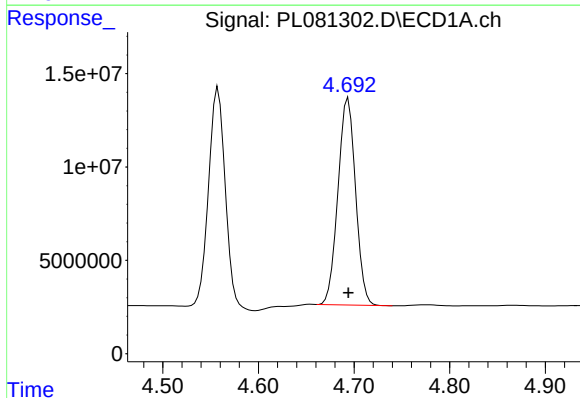
R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 156681958
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



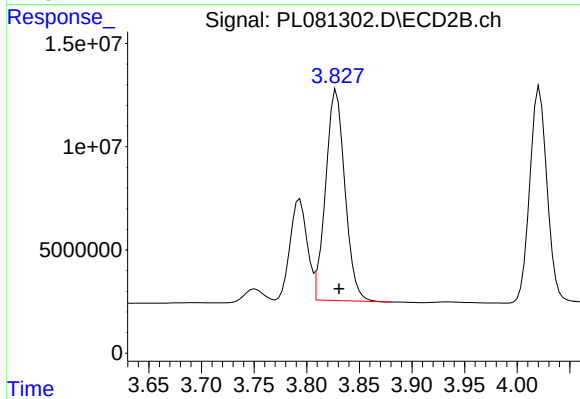
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 138134749
Conc: 50.21 ng/ml



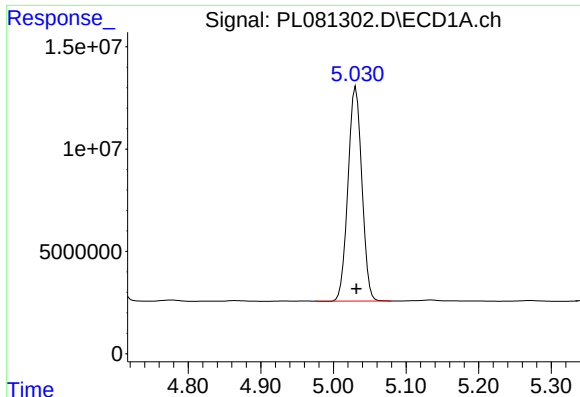
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 141740456
Conc: 51.37 ng/ml



#4 Heptachlor

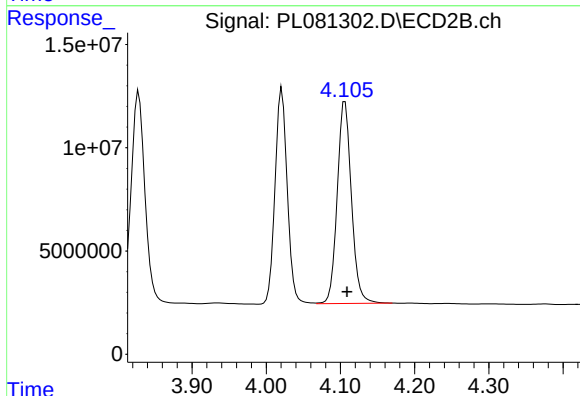
R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 129780669
Conc: 47.03 ng/ml



#5 Aldrin

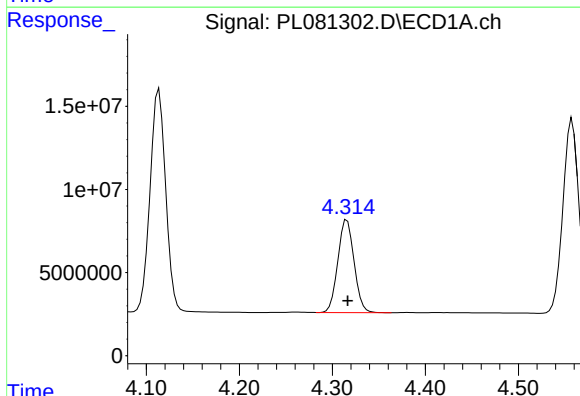
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 139270886
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



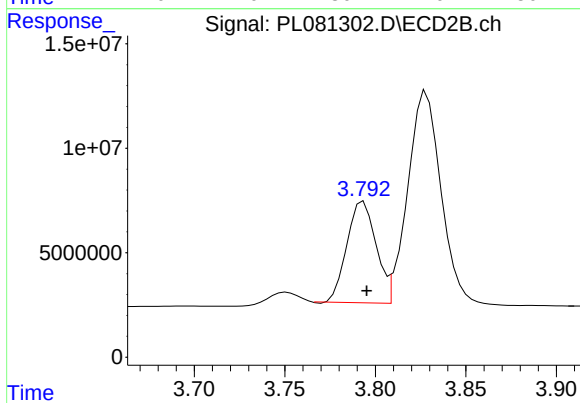
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 130515786
Conc: 49.78 ng/ml



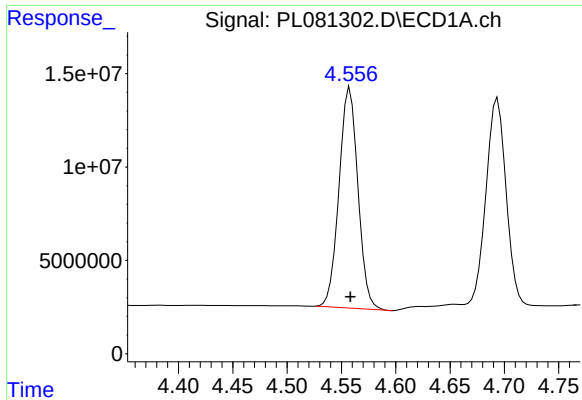
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 67733186
Conc: 49.21 ng/ml



#6 beta-BHC

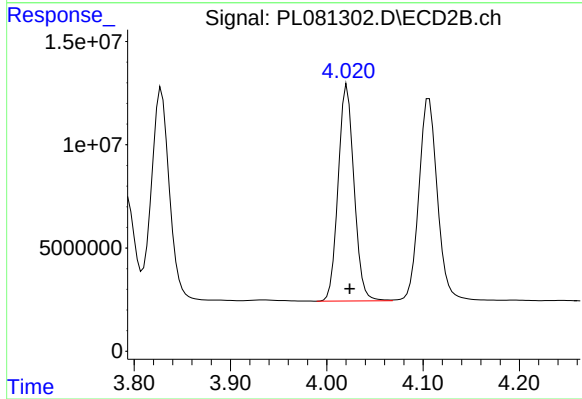
R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 54195812
Conc: 46.70 ng/ml



#7 delta-BHC

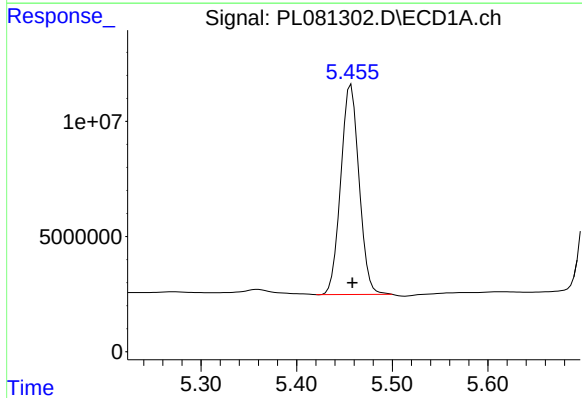
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 143347107
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



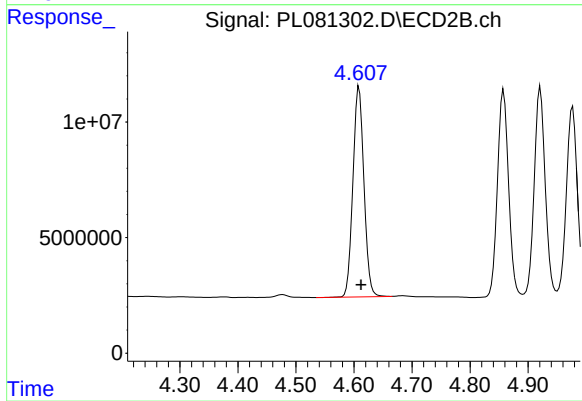
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 119881258
Conc: 47.07 ng/ml



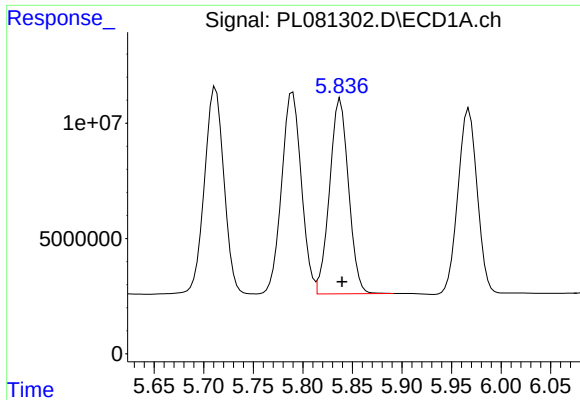
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 121667446
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

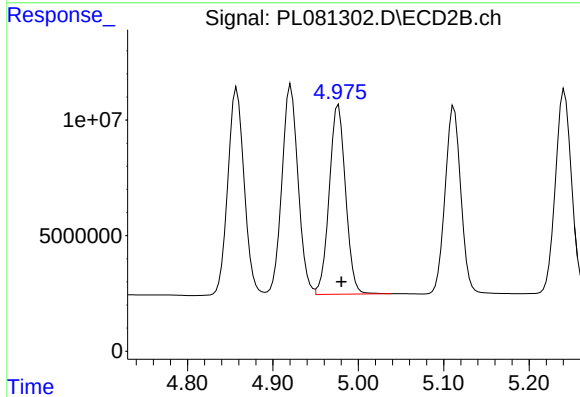
R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 120016548
Conc: 49.63 ng/ml



#9 Endosulfan I

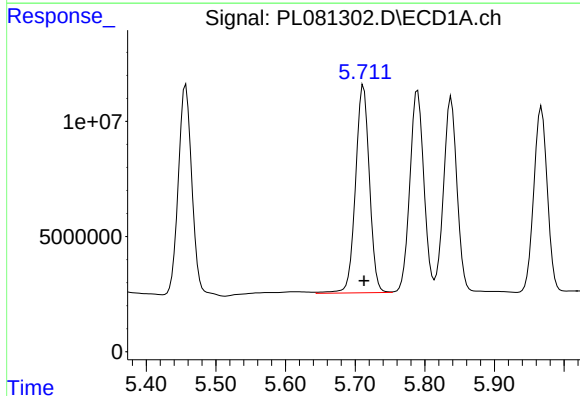
R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 112805603
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



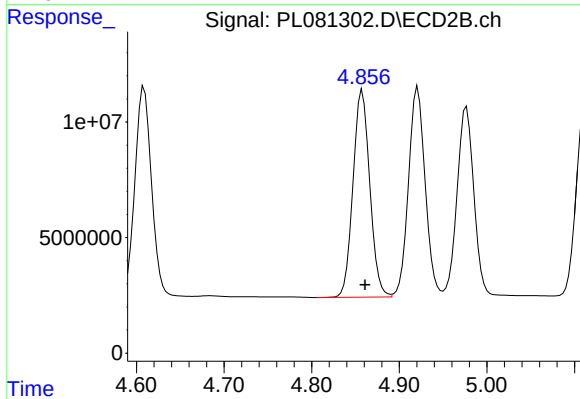
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 108997696
Conc: 48.15 ng/ml



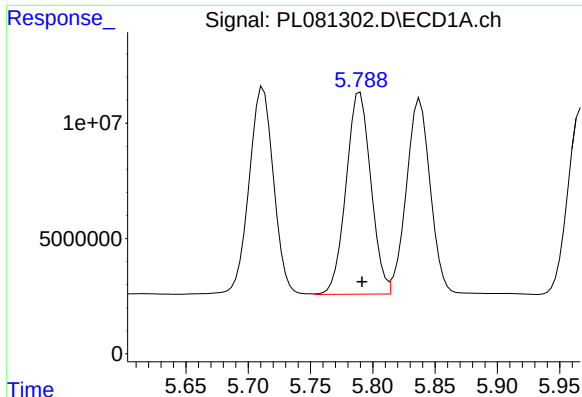
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 125152410
Conc: 54.85 ng/ml



#10 gamma-Chlordane

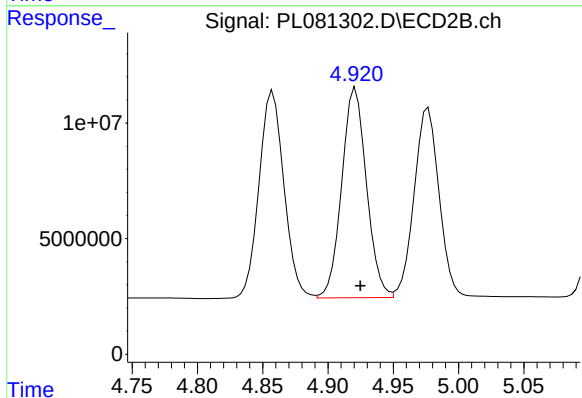
R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 119268006
Conc: 48.73 ng/ml



#11 alpha-Chlordane

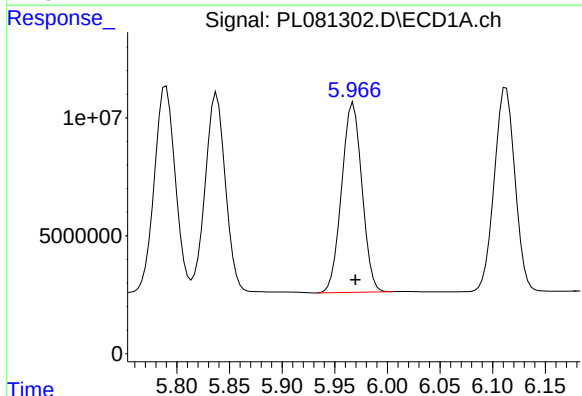
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 121773267
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



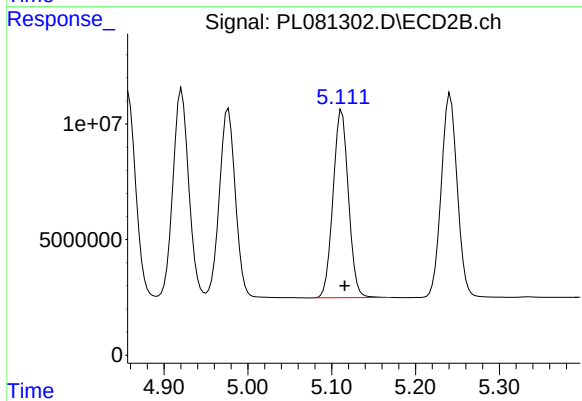
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 119750798
Conc: 48.91 ng/ml



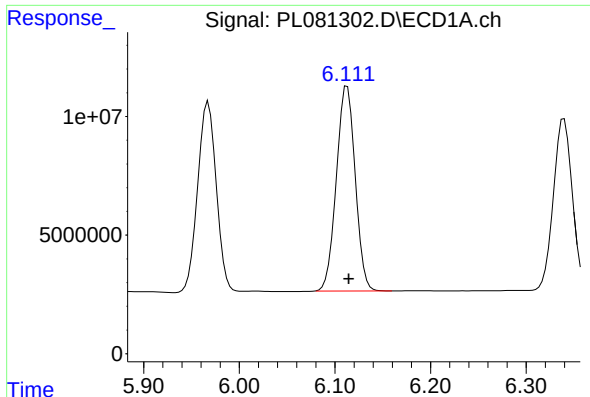
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 108189752
Conc: 55.29 ng/ml



#12 4,4'-DDE

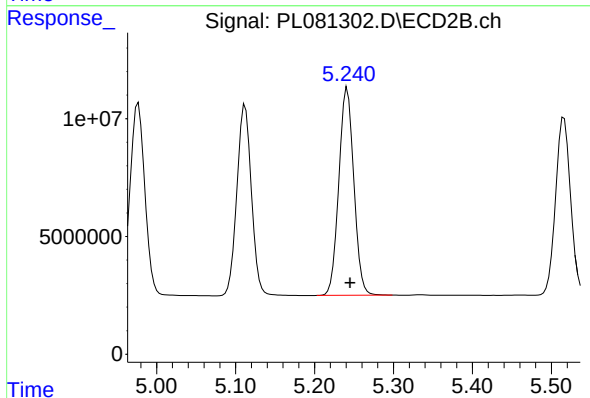
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 103527788
Conc: 52.74 ng/ml



#13 Dieldrin

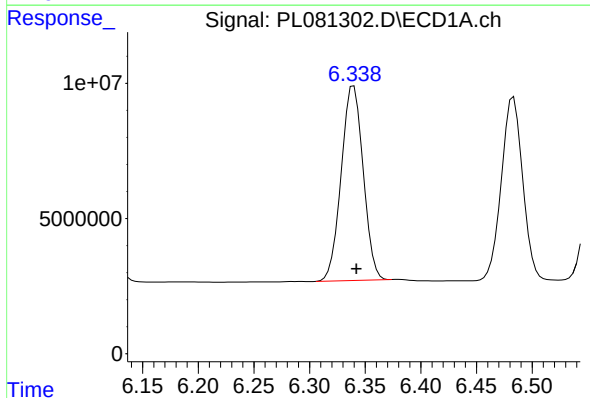
R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 118479539
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



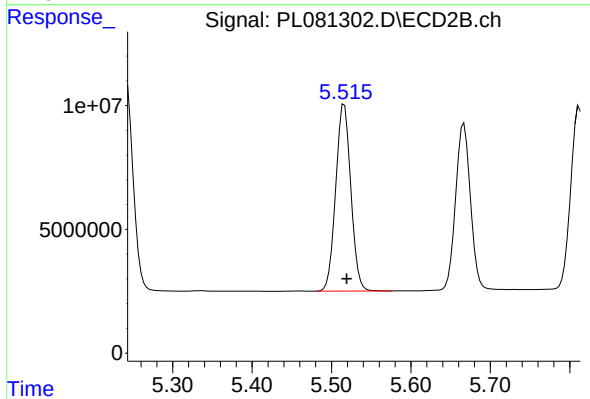
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 116278317
Conc: 51.58 ng/ml



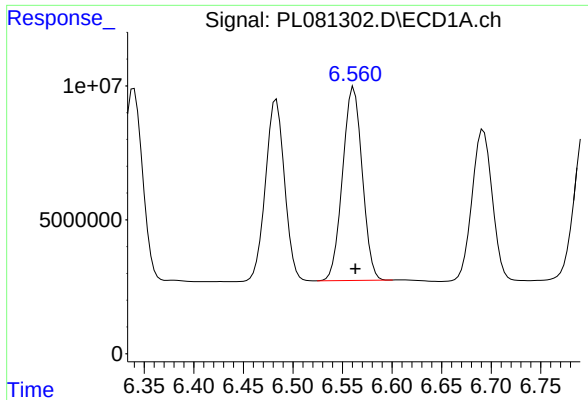
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 99168004
Conc: 54.56 ng/ml



#14 Endrin

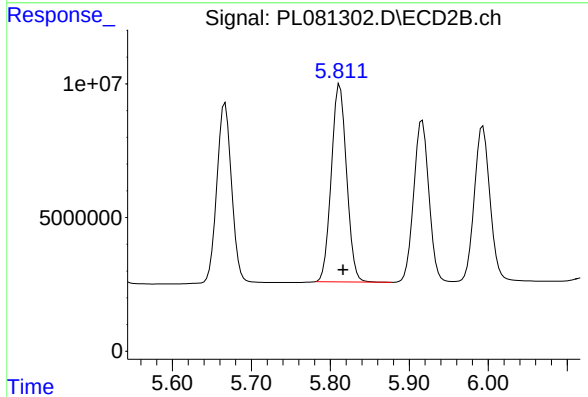
R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 99951631
Conc: 49.74 ng/ml



#15 Endosulfan II

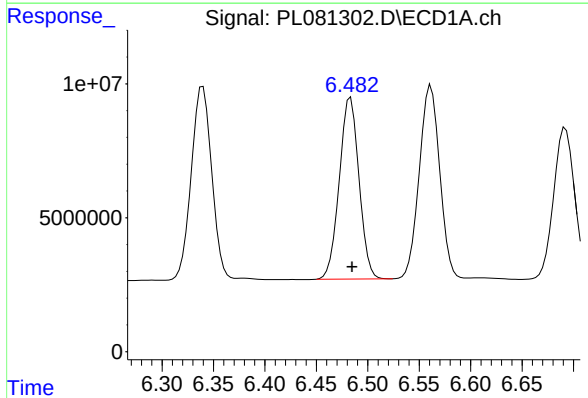
R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 99582242
Conc: 57.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



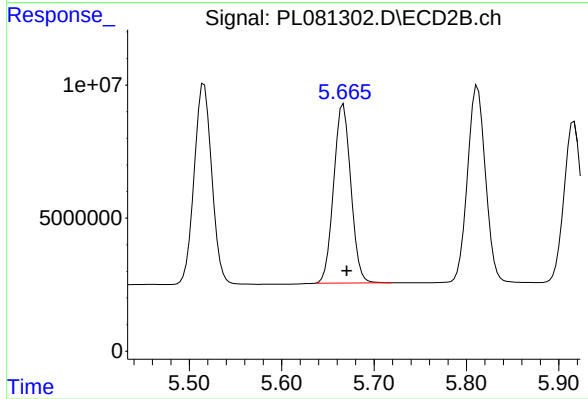
#15 Endosulfan II

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 99390707
Conc: 53.91 ng/ml



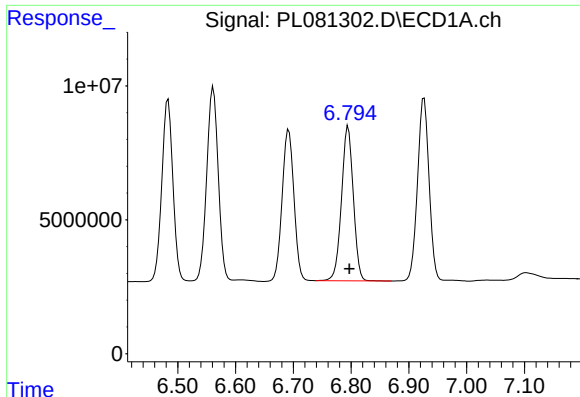
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.001 min
Response: 90418685
Conc: 58.74 ng/ml



#16 4,4'-DDD

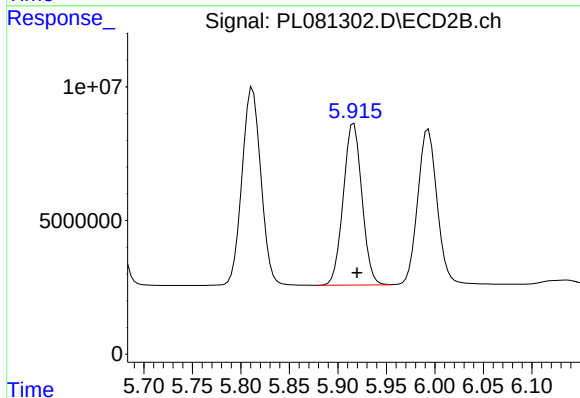
R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 86866885
Conc: 56.62 ng/ml



#17 4,4'-DDT

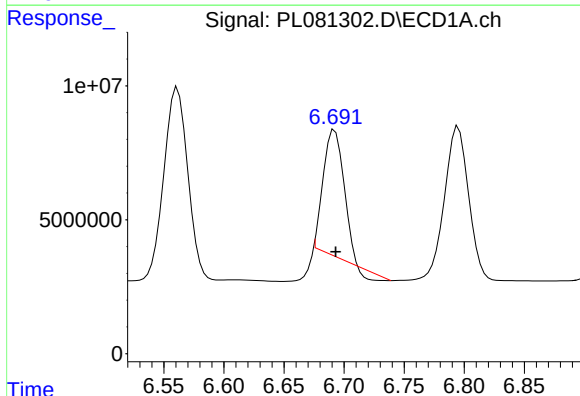
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 81411604
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



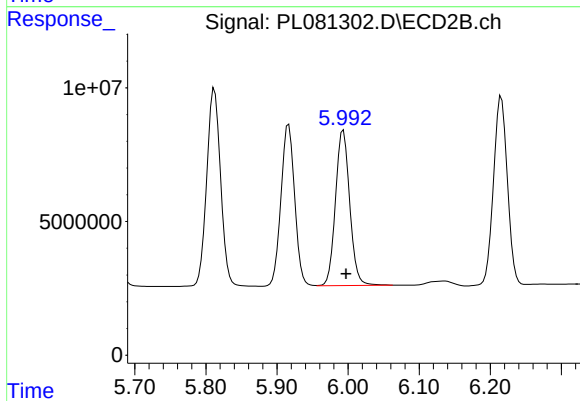
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 80805839
Conc: 50.37 ng/ml



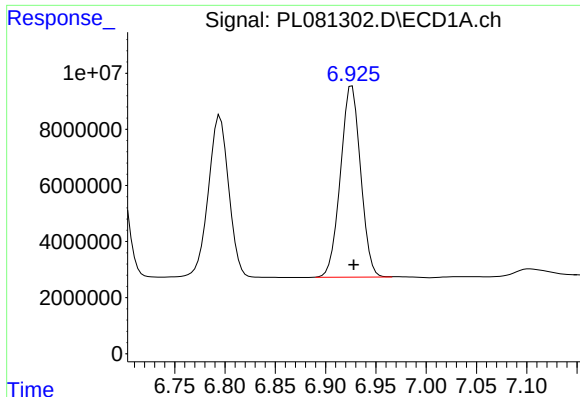
#18 Endrin aldehyde

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 53554776
Conc: 37.42 ng/ml



#18 Endrin aldehyde

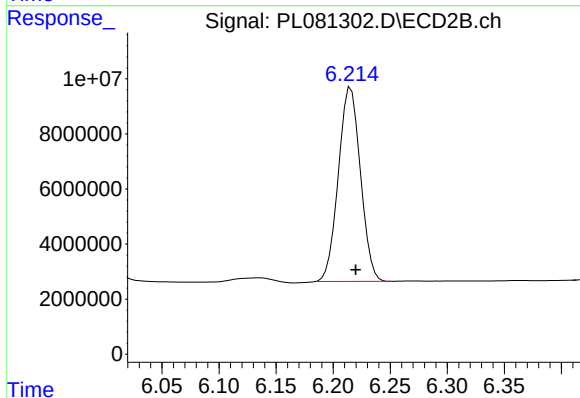
R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 80697231
Conc: 53.26 ng/ml



#19 Endosulfan Sulfate

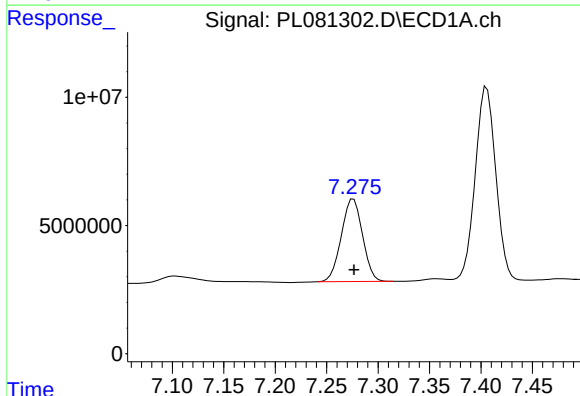
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 94753728
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



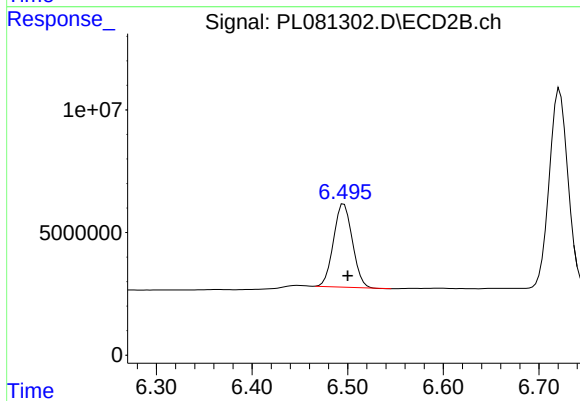
#19 Endosulfan Sulfate

R.T.: 6.216 min
Delta R.T.: -0.004 min
Response: 94940268
Conc: 49.40 ng/ml



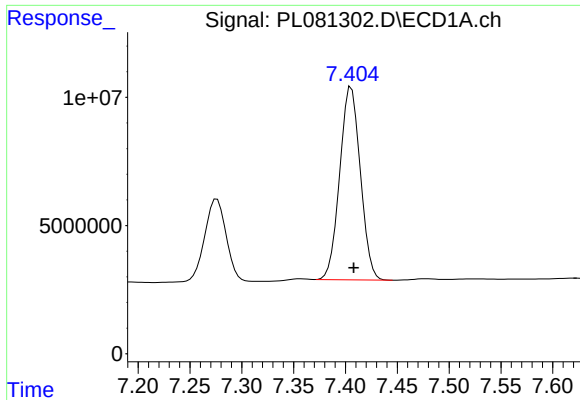
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 46257820
Conc: 53.70 ng/ml



#20 Methoxychlor

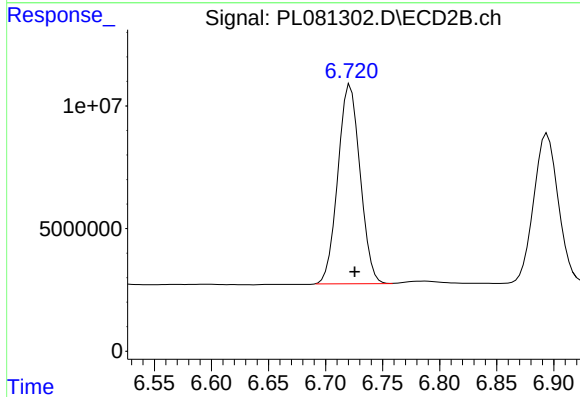
R.T.: 6.496 min
Delta R.T.: -0.004 min
Response: 46251470
Conc: 49.83 ng/ml



#21 Endrin ketone

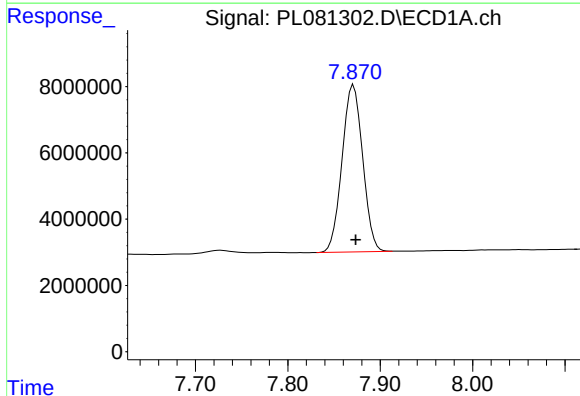
R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 104145057
Conc: 57.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



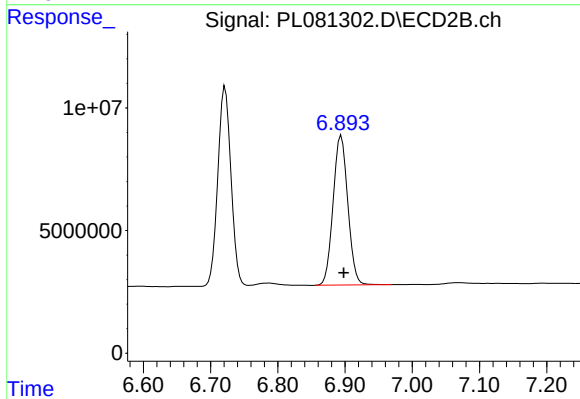
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 110224681
Conc: 51.19 ng/ml



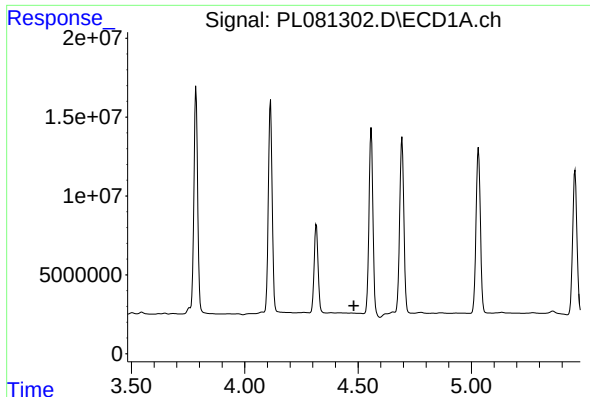
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 78176530
Conc: 53.58 ng/ml



#22 Mirex

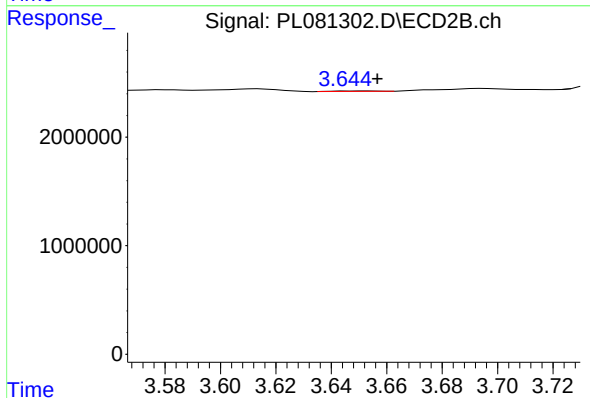
R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 91902545
Conc: 47.75 ng/ml



#23 Chlordane-1

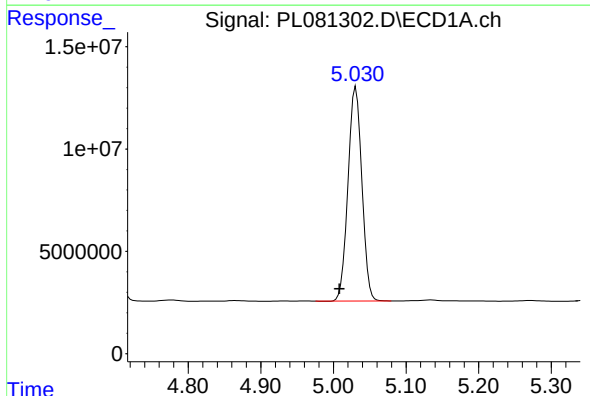
R.T.: 0.000 min
Exp R.T.: 4.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



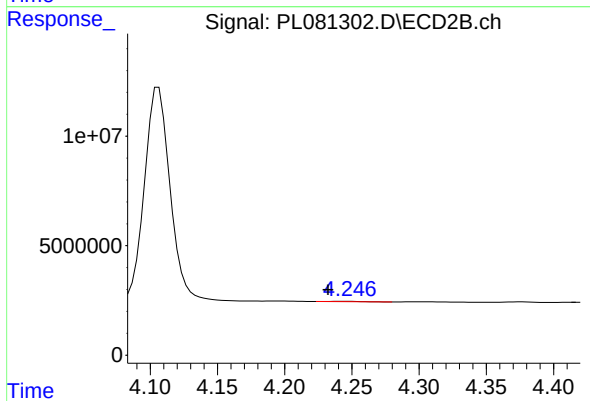
#23 Chlordane-1

R.T.: 3.652 min
Delta R.T.: -0.004 min
Response: 43904
Conc: 0.53 ng/ml



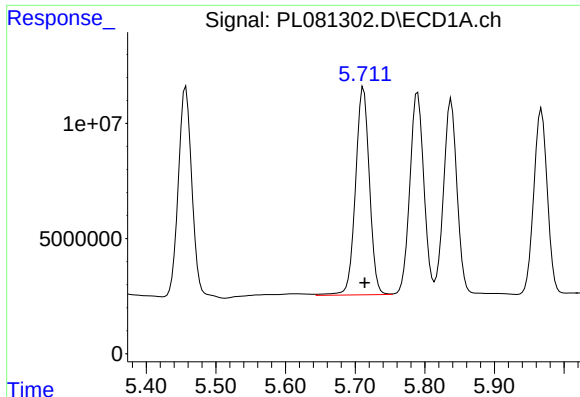
#24 Chlordane-2

R.T.: 5.031 min
Delta R.T.: 0.023 min
Response: 139270886
Conc: 1391.60 ng/ml



#24 Chlordane-2

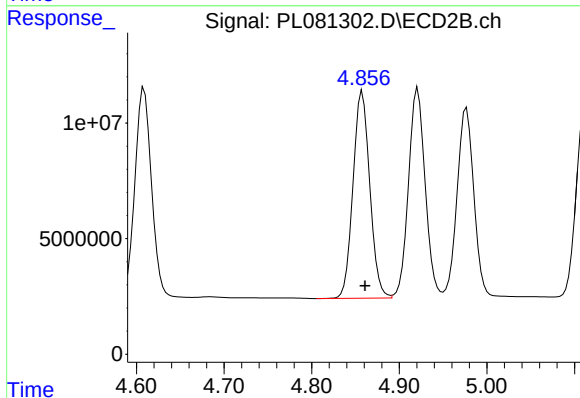
R.T.: 4.245 min
Delta R.T.: 0.013 min
Response: 317465
Conc: 3.10 ng/ml



#25 Chlordane-3

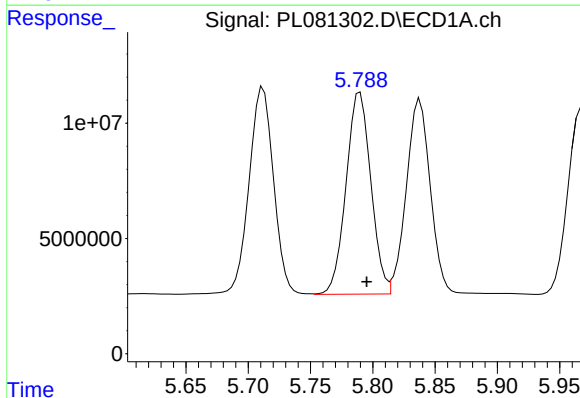
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 125152410
Conc: 342.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



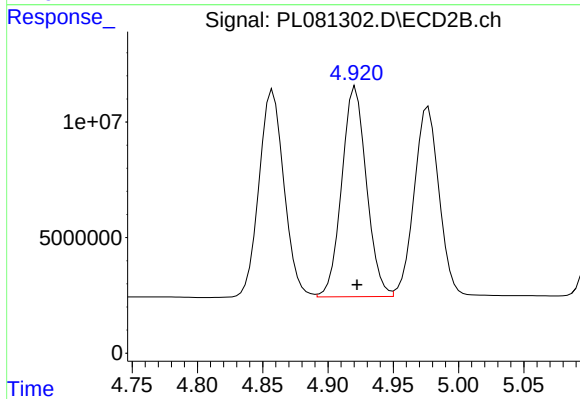
#25 Chlordane-3

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 119268006
Conc: 441.31 ng/ml



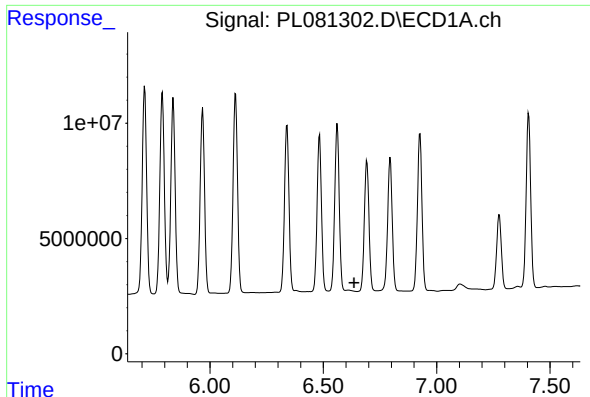
#26 Chlordane-4

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 121773267
Conc: 277.05 ng/ml



#26 Chlordane-4

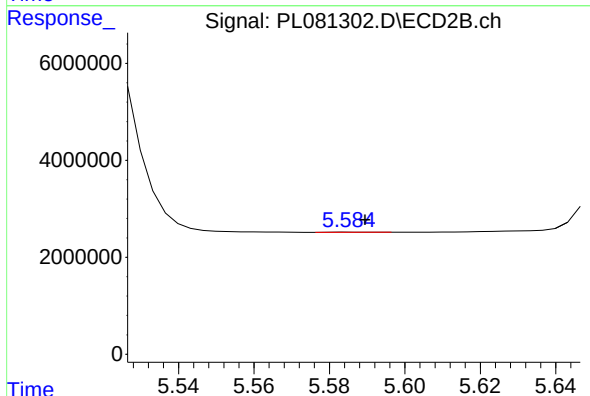
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 119750798
Conc: 426.40 ng/ml



#27 Chlordane-5

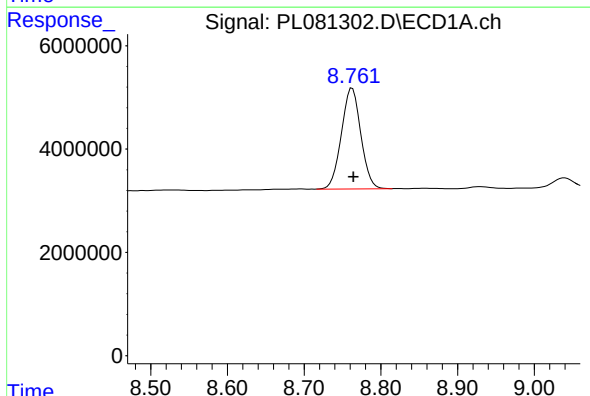
R.T.: 0.000 min
Exp R.T.: 6.636 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



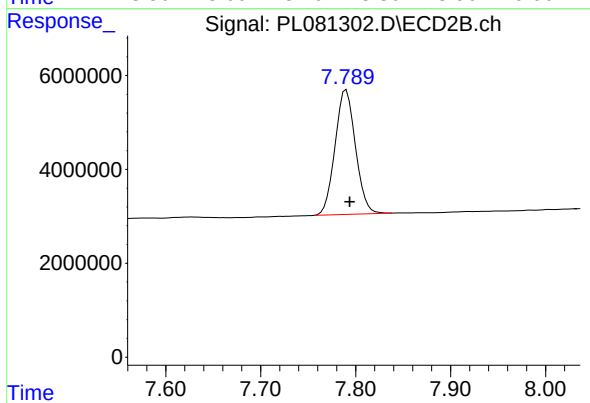
#27 Chlordane-5

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 24064
Conc: 0.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 34469923
Conc: 22.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 39657321
Conc: 20.70 ng/ml