

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081292.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 13:59
 Operator : AR\AJ
 Sample : 01825-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:36:13 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...	3.334	2.665	45028902	40126396	20.841	19.827
28)	SA Decachlor...	8.761	7.790	44795824	52677809	29.383	27.500
Target Compounds							
2)	A alpha-BHC	3.784	3.166	160.2E6	139.6E6	50.347	47.621
3)	MA gamma-BHC...	4.113	3.494	155.9E6	139.7E6	52.681	50.783
4)	MA Heptachlor	4.693	3.828	141.2E6	134.2E6	51.179	48.628
5)	MB Aldrin	5.030	4.106	139.5E6	135.1E6	54.835	51.534
6)	B beta-BHC	4.315	3.793	69251353	58756742	50.311	50.625
7)	B delta-BHC	4.558	4.022	132.2E6	115.4E6	47.557	45.326
8)	B Heptachlo...	5.457	4.609	121.6E6	123.0E6	51.533	50.869
9)	A Endosulfan I	5.838	4.977	111.4E6	110.9E6	52.711	48.990
10)	B gamma-Chl...	5.711	4.858	124.2E6	122.7E6	54.419	50.117
11)	B alpha-Chl...	5.790	4.921	121.8E6	122.9E6	54.076	50.202
12)	B 4,4'-DDE	5.968	5.112	106.1E6	106.2E6	54.205	54.087
13)	MA Dieldrin	6.112	5.242	115.9E6	119.2E6	55.387	52.890
14)	MA Endrin	6.339	5.517	96646241	99946677	53.176	49.734
15)	B Endosulfa...	6.561	5.813	96744251	101.4E6	55.489	54.999
16)	A 4,4'-DDD	6.483	5.668	90682898	89585406	58.909	58.396
17)	MA 4,4'-DDT	6.794	5.917	77426356	80024865	48.778	49.881
18)	B Endrin al...	6.691	5.994	51182357	83104505	35.758	54.853 #
19)	B Endosulfa...	6.926	6.217	92310686	114.3E6	51.412	59.457
20)	A Methoxychlor	7.274	6.497	43524049	41371666	50.529	44.577
21)	B Endrin ke...	7.405	6.723	104.9E6	138.1E6	57.810	64.123
22)	Mirex	7.870	6.894	66925830	89930937	45.868	46.726
23)	Chlordane-1	0.000	3.648	0	30862	N.D.	0.374 #
24)	Chlordane-2	5.030f	4.245	139.5E6	221145	1393.956	2.160 #
25)	Chlordane-3	5.711	4.858	124.2E6	122.7E6	339.490	453.909 #
26)	Chlordane-4	5.790	4.921	121.8E6	122.9E6	277.179	437.695 #
27)	Chlordane-5	6.608f	5.586	249228	746574	3.307	10.807 #

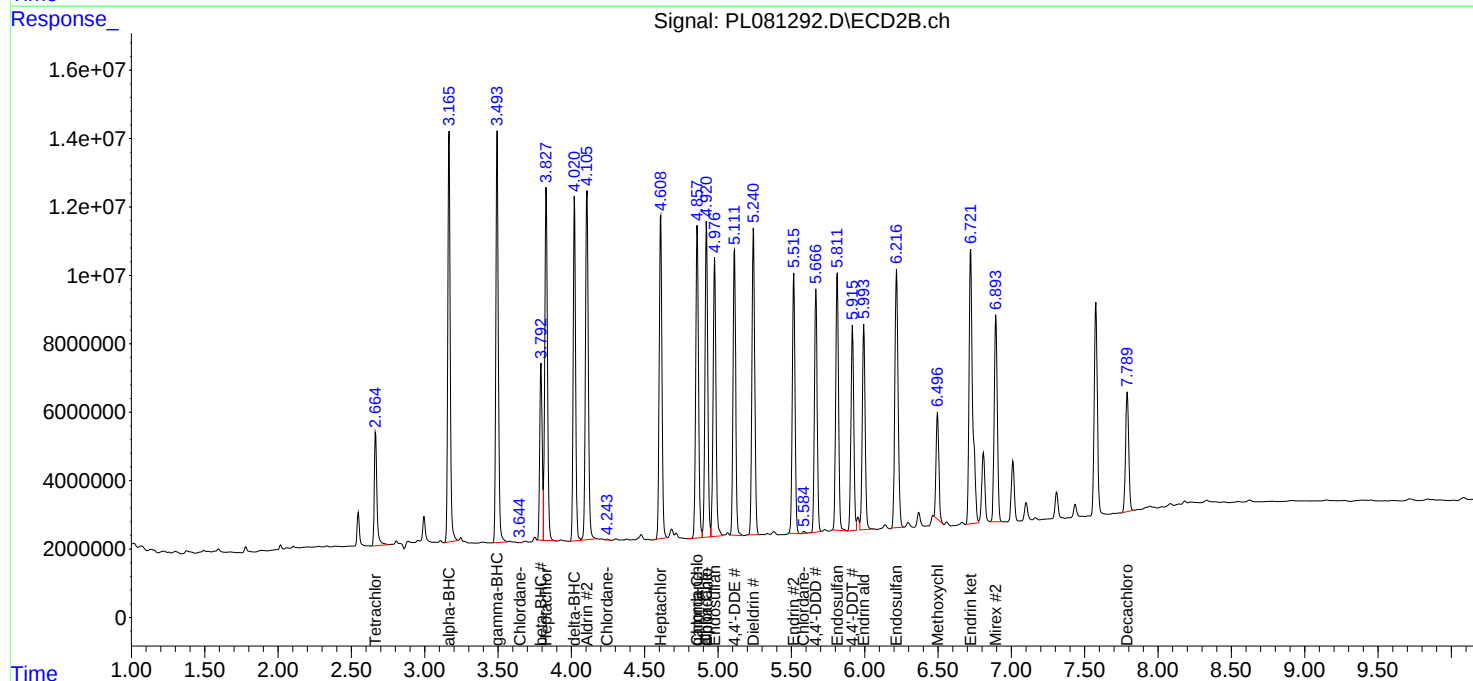
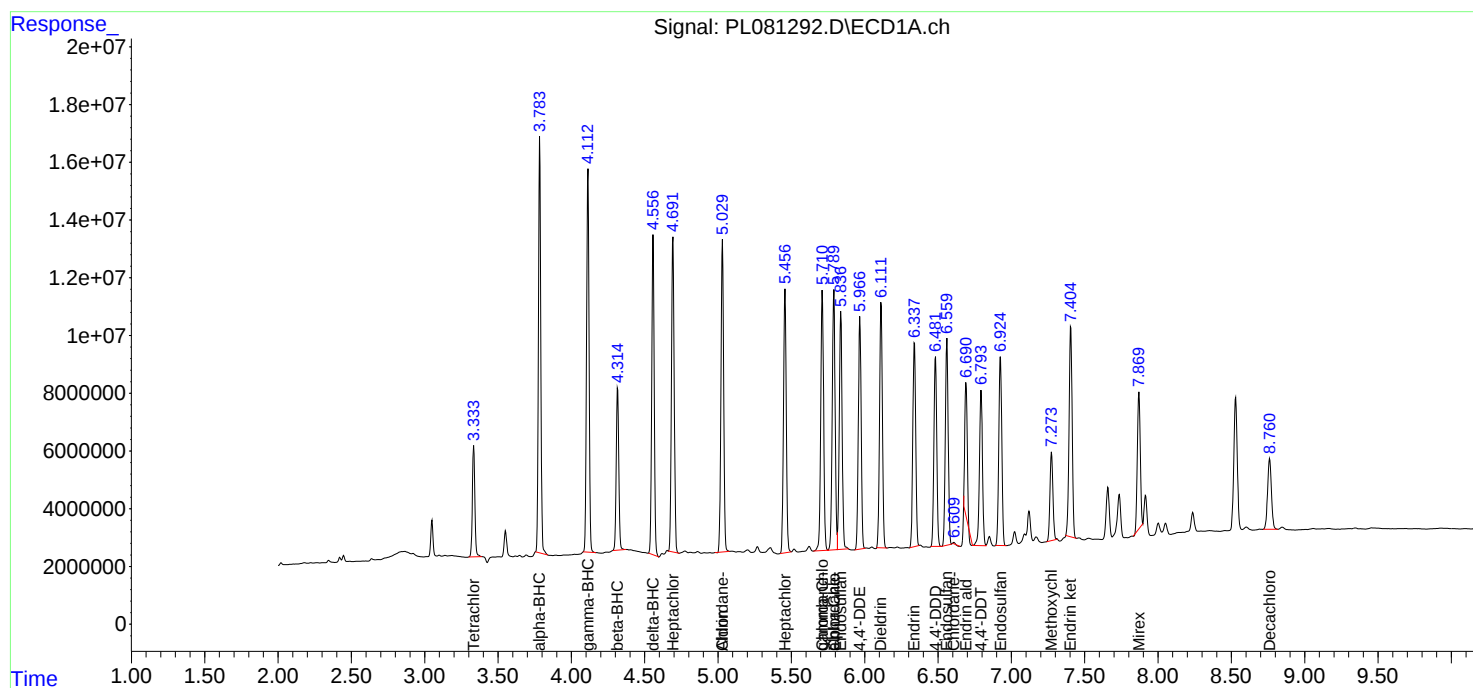
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

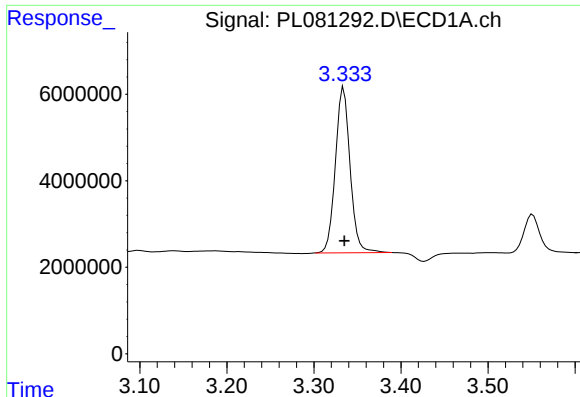
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
Data File : PL081292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

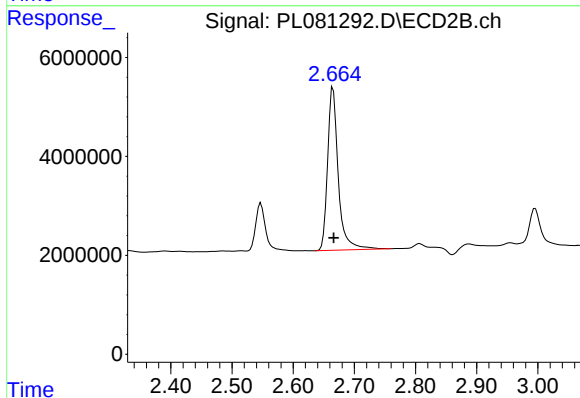




#1 Tetrachloro-m-xylene

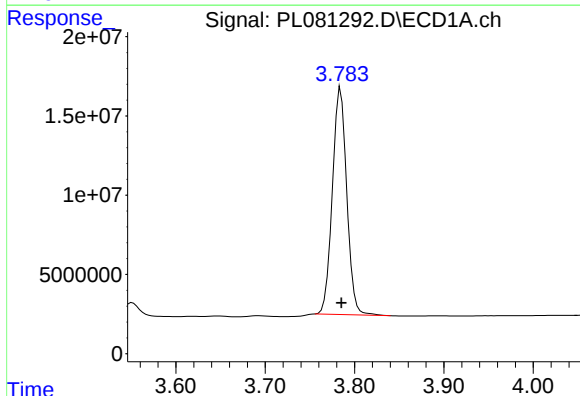
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 45028902
Conc: 20.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



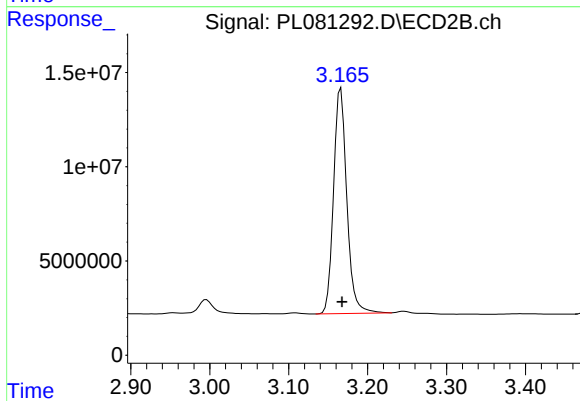
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 40126396
Conc: 19.83 ng/ml



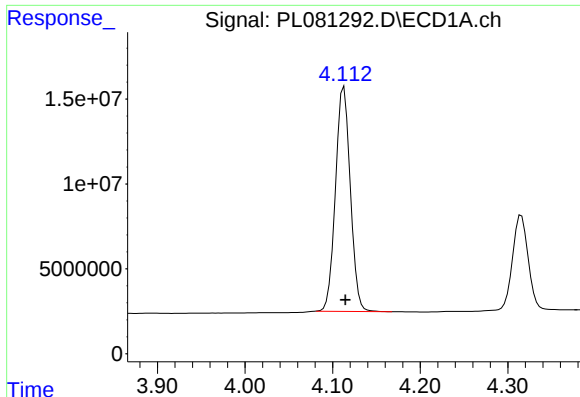
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 160167750
Conc: 50.35 ng/ml



#2 alpha-BHC

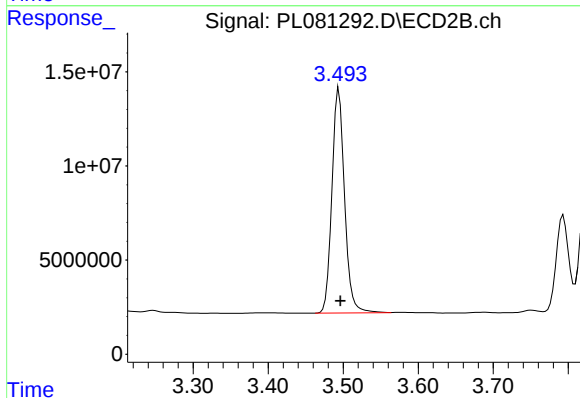
R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 139559124
Conc: 47.62 ng/ml



#3 gamma-BHC (Lindane)

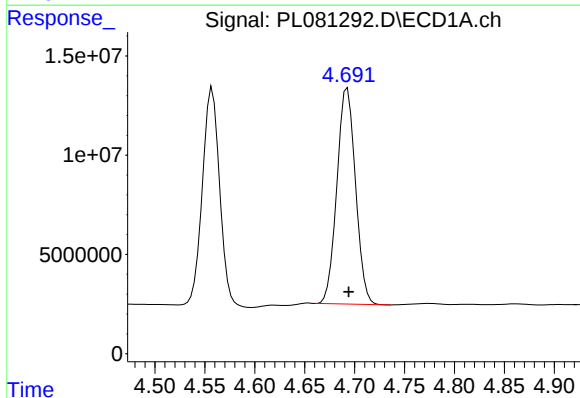
R.T.: 4.113 min
Delta R.T.: -0.001 min
Response: 155861721
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



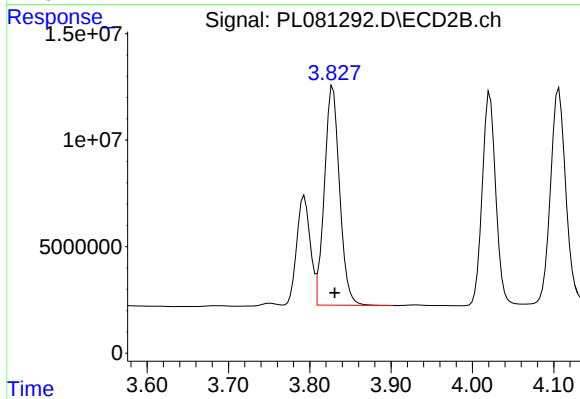
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 139707555
Conc: 50.78 ng/ml



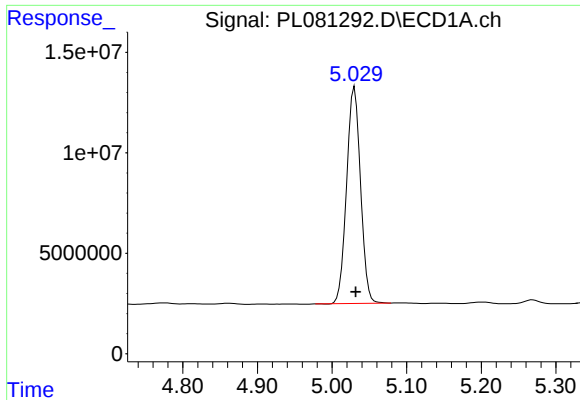
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 141222414
Conc: 51.18 ng/ml



#4 Heptachlor

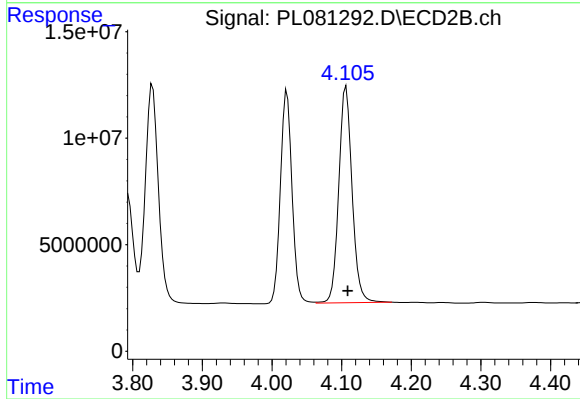
R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 134191068
Conc: 48.63 ng/ml



#5 Aldrin

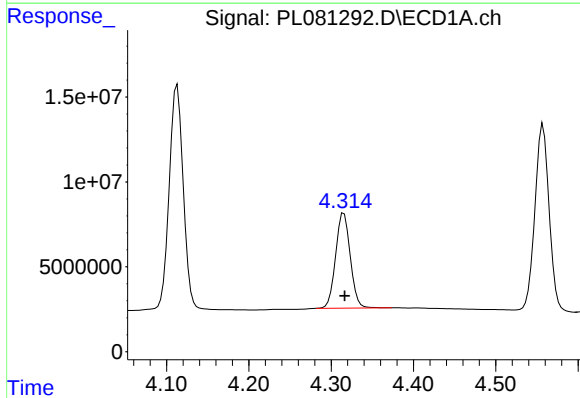
R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 139506940
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



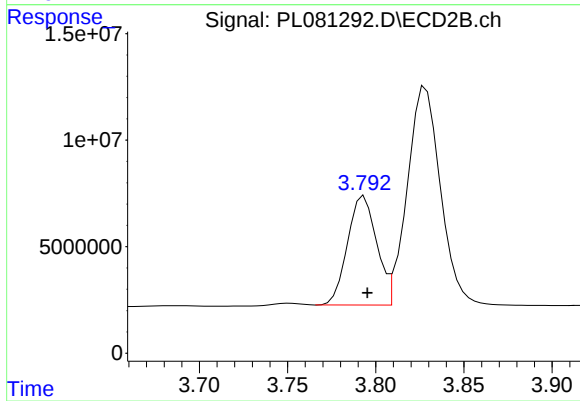
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 135107256
Conc: 51.53 ng/ml



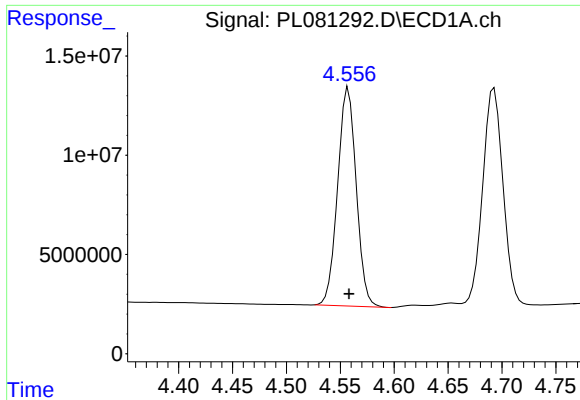
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.001 min
Response: 69251353
Conc: 50.31 ng/ml



#6 beta-BHC

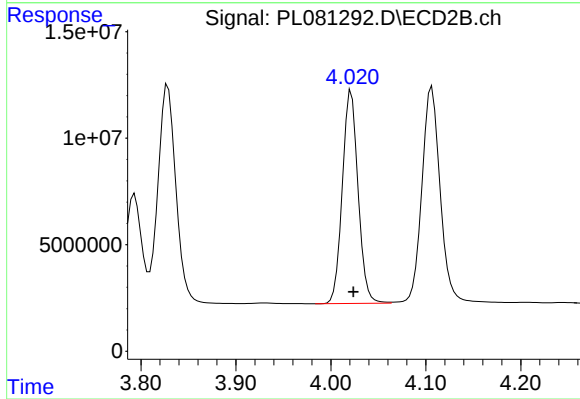
R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 58756742
Conc: 50.63 ng/ml



#7 delta-BHC

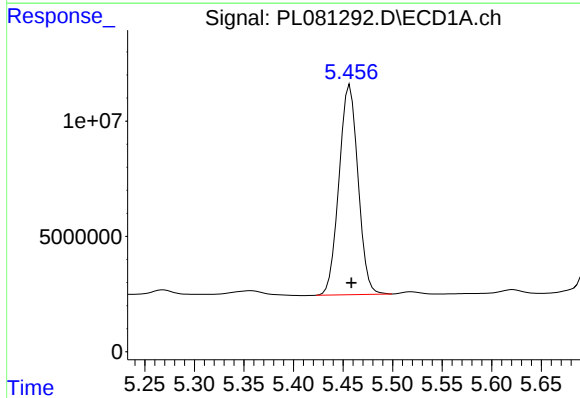
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 132170379
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



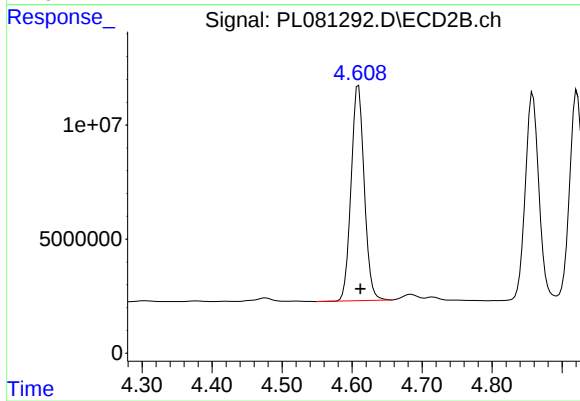
#7 delta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 115429438
Conc: 45.33 ng/ml



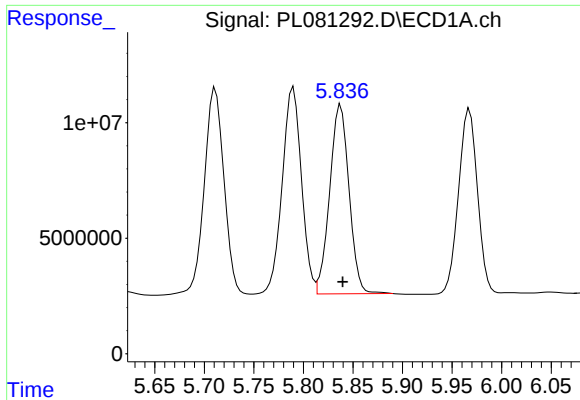
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 121619134
Conc: 51.53 ng/ml



#8 Heptachlor epoxide

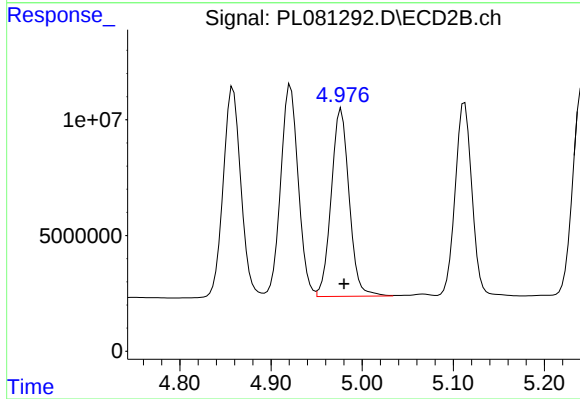
R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 123006037
Conc: 50.87 ng/ml



#9 Endosulfan I

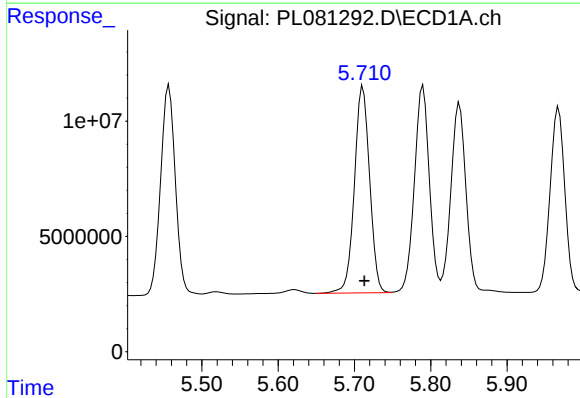
R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 111363978
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



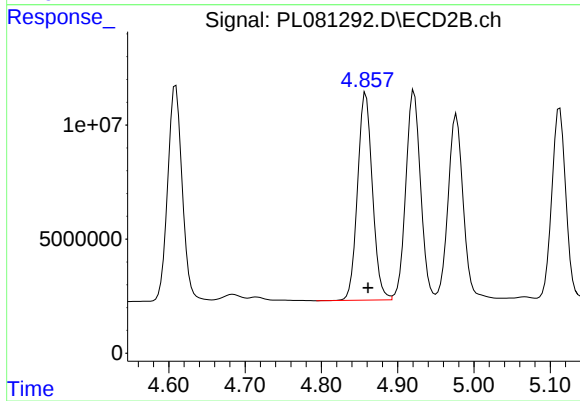
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 110896290
Conc: 48.99 ng/ml



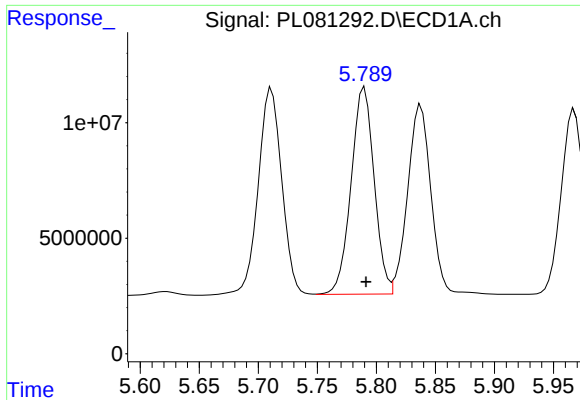
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 124177910
Conc: 54.42 ng/ml



#10 gamma-Chlordane

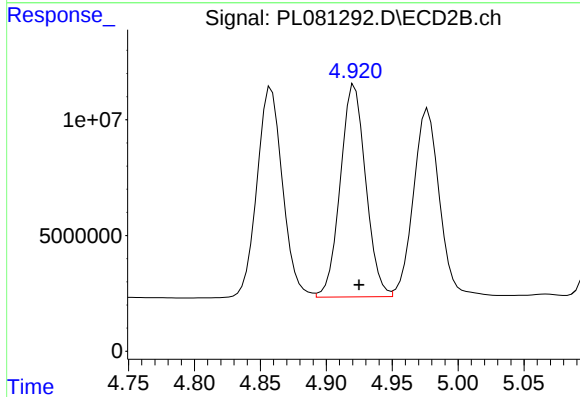
R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 122673793
Conc: 50.12 ng/ml



#11 alpha-Chlordane

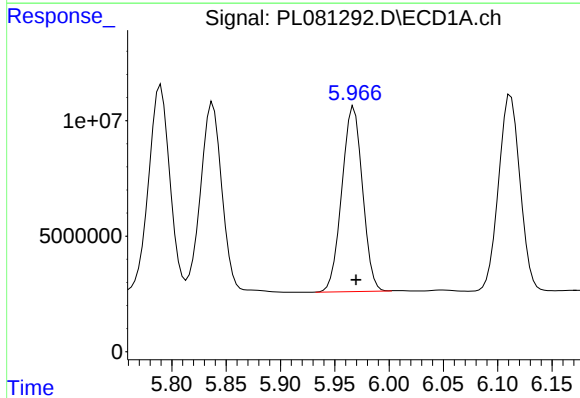
R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 121829361
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



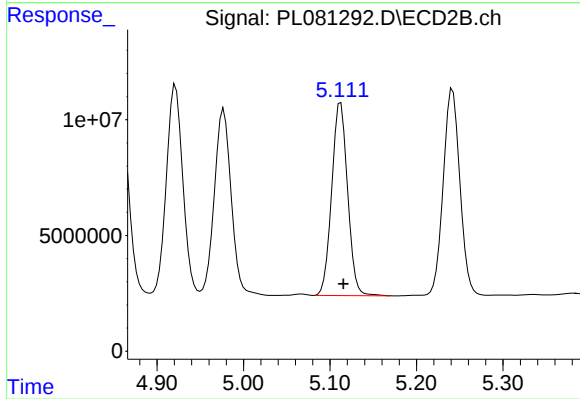
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 122921973
Conc: 50.20 ng/ml



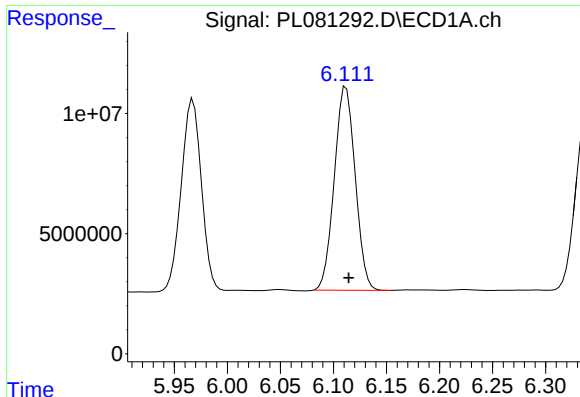
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 106056955
Conc: 54.20 ng/ml



#12 4,4'-DDE

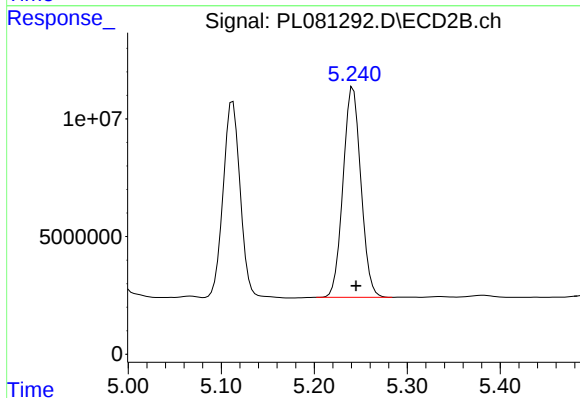
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 106165011
Conc: 54.09 ng/ml



#13 Dieldrin

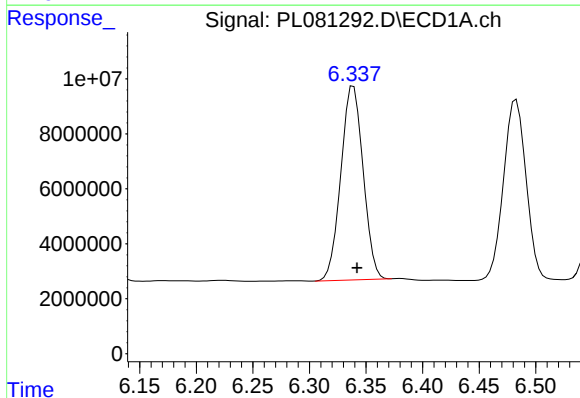
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 115924902
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



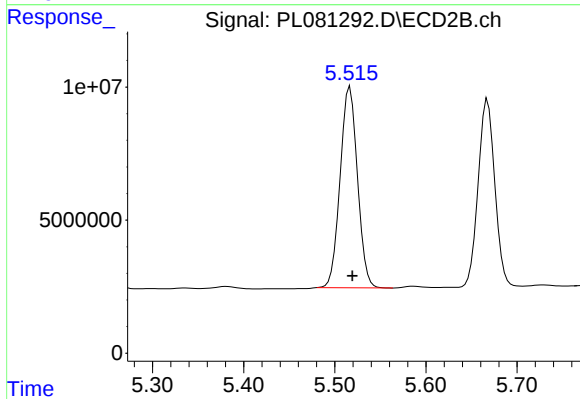
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 119233620
Conc: 52.89 ng/ml



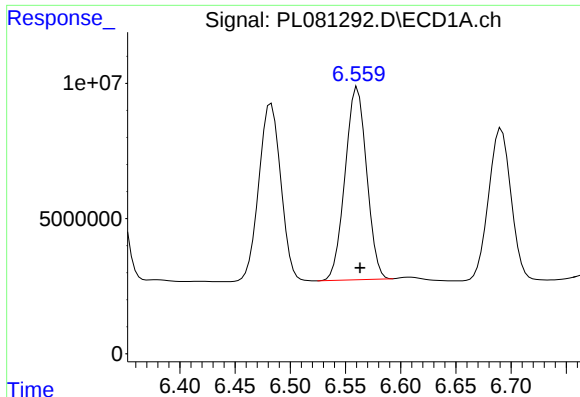
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 96646241
Conc: 53.18 ng/ml



#14 Endrin

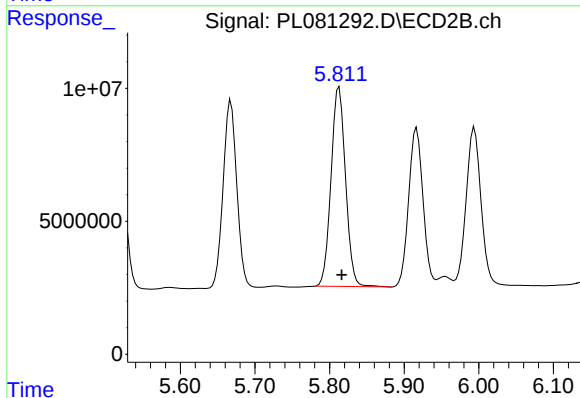
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 99946677
Conc: 49.73 ng/ml



#15 Endosulfan II

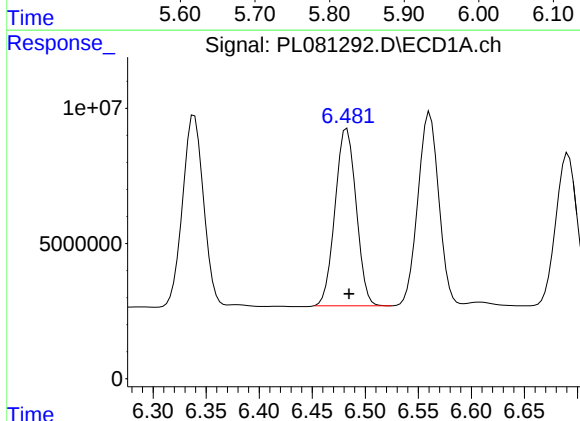
R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 96744251
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



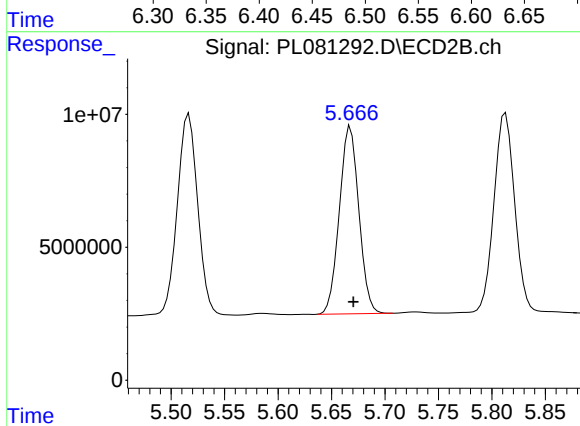
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 101403375
Conc: 55.00 ng/ml



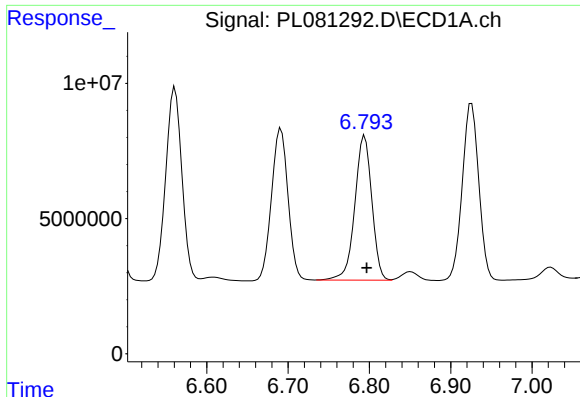
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 90682898
Conc: 58.91 ng/ml



#16 4,4'-DDD

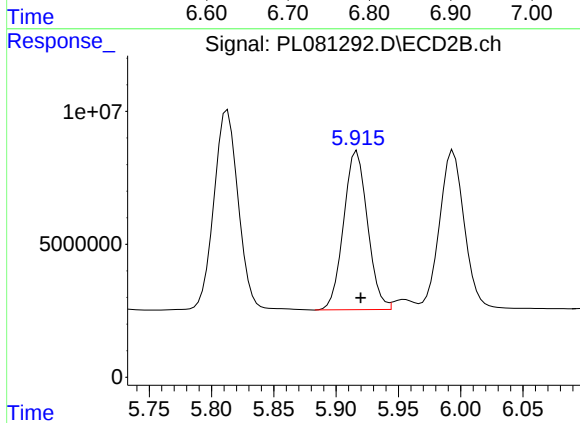
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 89585406
Conc: 58.40 ng/ml



#17 4,4'-DDT

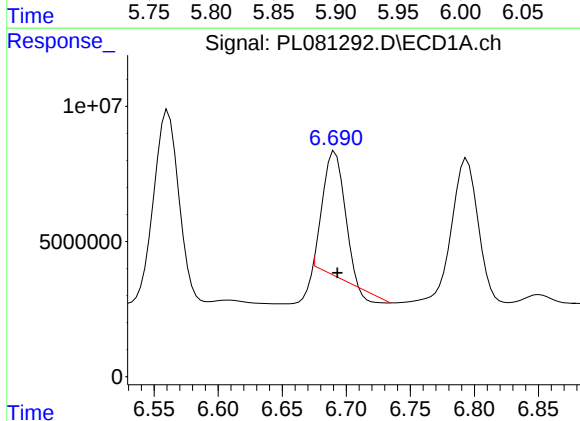
R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 77426356
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



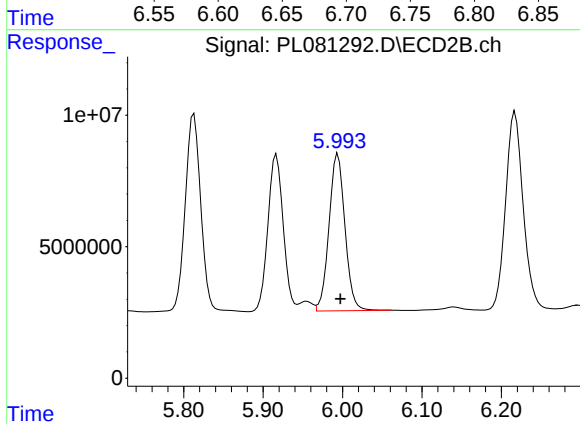
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 80024865
Conc: 49.88 ng/ml



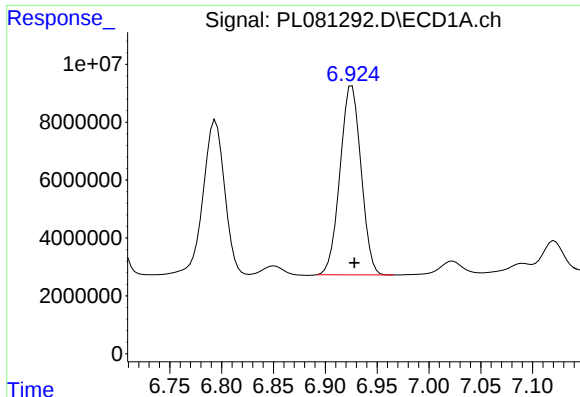
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 51182357
Conc: 35.76 ng/ml



#18 Endrin aldehyde

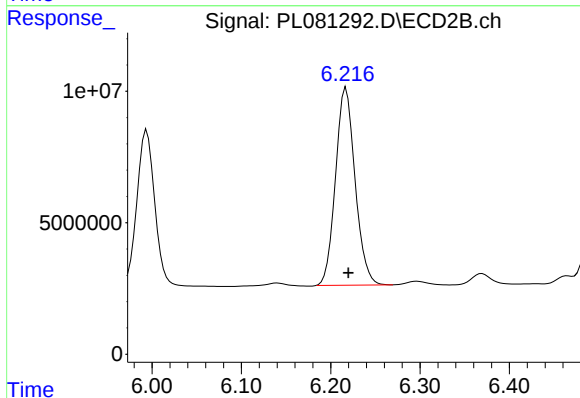
R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 83104505
Conc: 54.85 ng/ml



#19 Endosulfan Sulfate

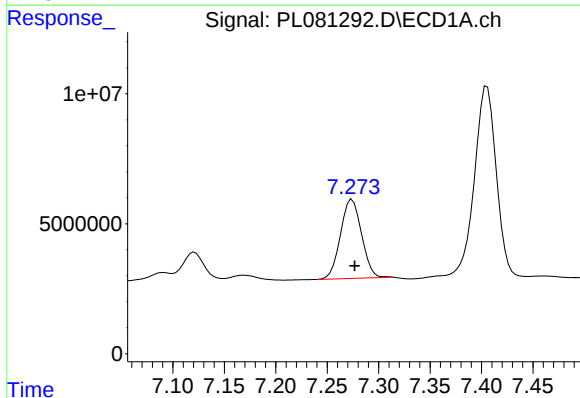
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 92310686
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



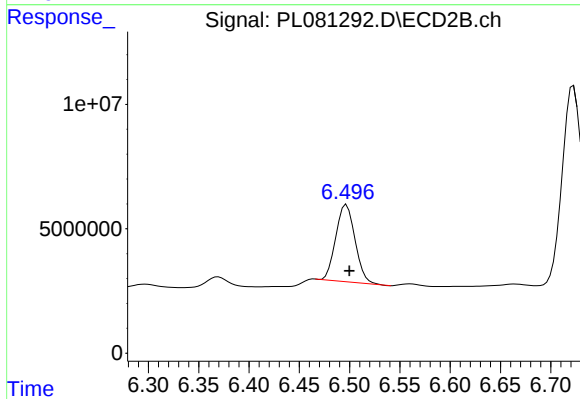
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 114279656
Conc: 59.46 ng/ml



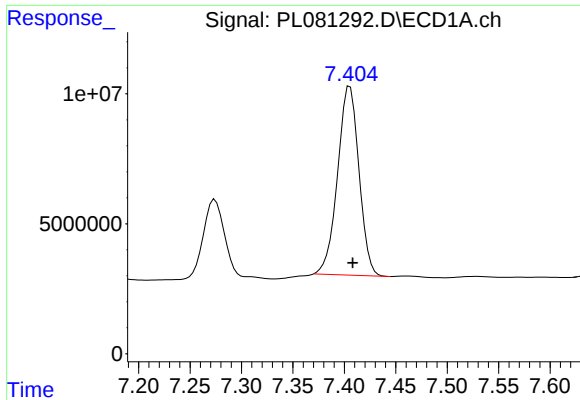
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 43524049
Conc: 50.53 ng/ml



#20 Methoxychlor

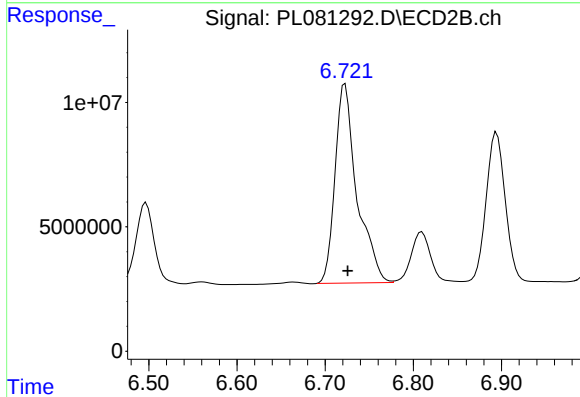
R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 41371666
Conc: 44.58 ng/ml



#21 Endrin ketone

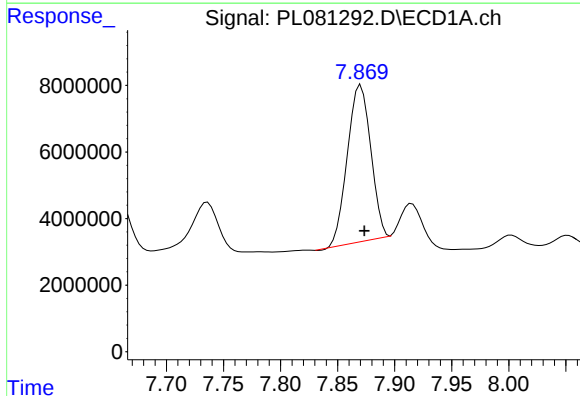
R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 104868117
Conc: 57.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



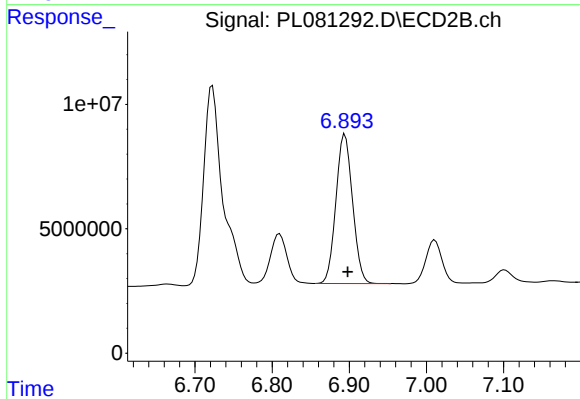
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 138061980
Conc: 64.12 ng/ml



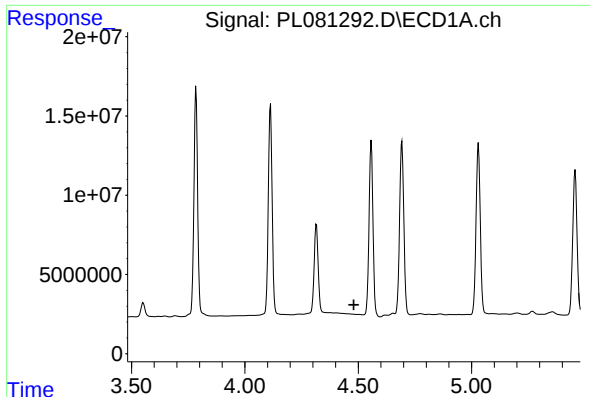
#22 Mirex

R.T.: 7.870 min
Delta R.T.: -0.003 min
Response: 66925830
Conc: 45.87 ng/ml



#22 Mirex

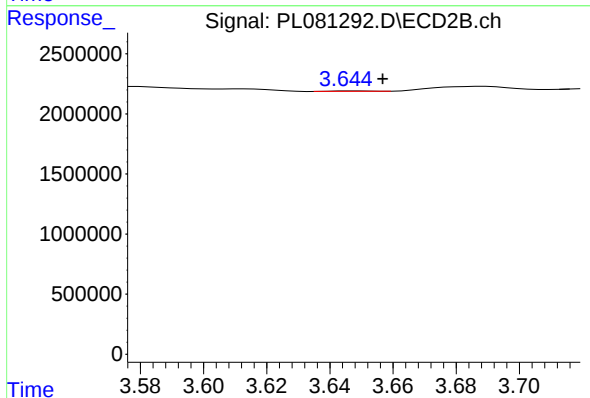
R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 89930937
Conc: 46.73 ng/ml



#23 Chlordane-1

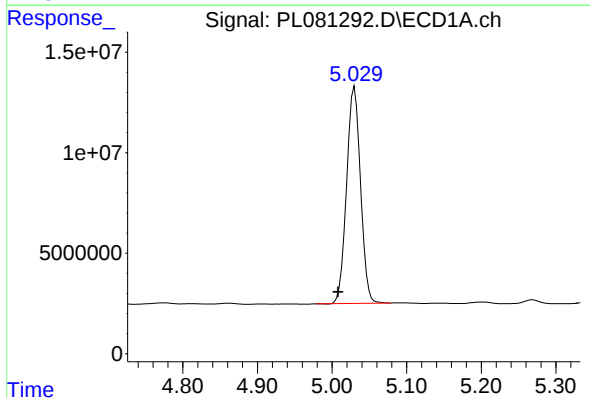
R.T.: 0.000 min
Exp R.T.: 4.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



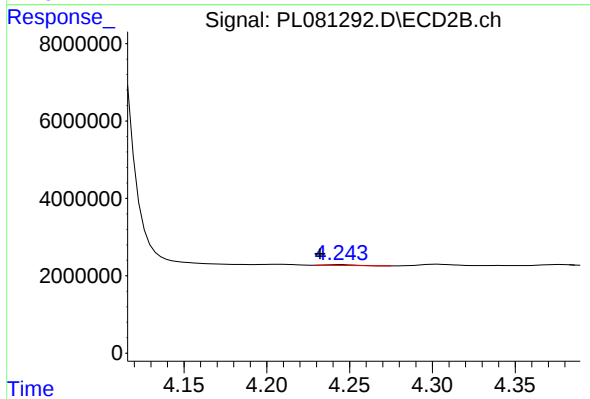
#23 Chlordane-1

R.T.: 3.648 min
Delta R.T.: -0.009 min
Response: 30862
Conc: 0.37 ng/ml



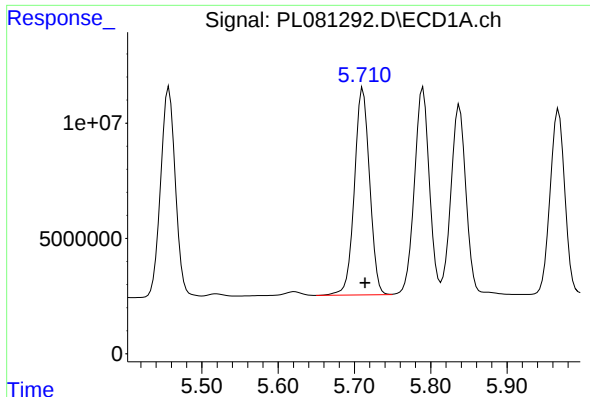
#24 Chlordane-2

R.T.: 5.030 min
Delta R.T.: 0.022 min
Response: 139506940
Conc: 1393.96 ng/ml



#24 Chlordane-2

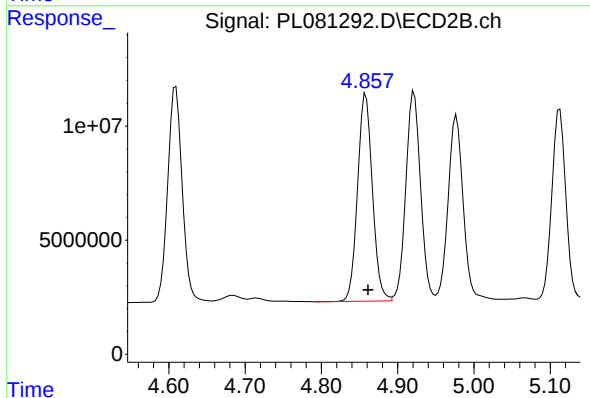
R.T.: 4.245 min
Delta R.T.: 0.013 min
Response: 221145
Conc: 2.16 ng/ml



#25 Chlordane-3

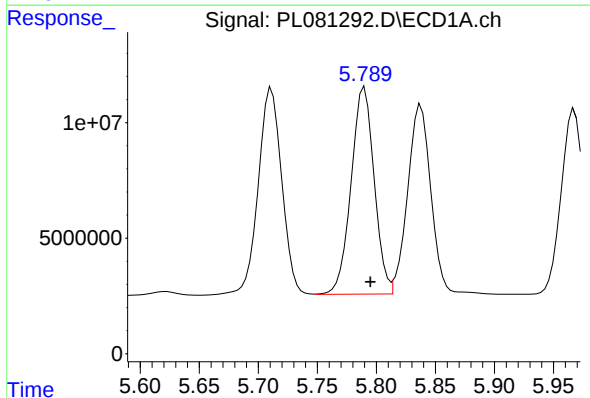
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 124177910
Conc: 339.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



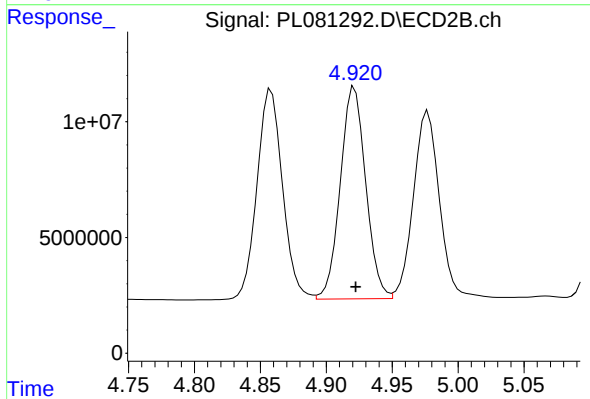
#25 Chlordane-3

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 122673793
Conc: 453.91 ng/ml



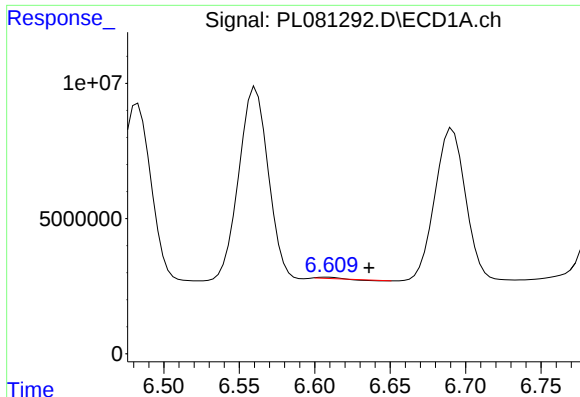
#26 Chlordane-4

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 121829361
Conc: 277.18 ng/ml



#26 Chlordane-4

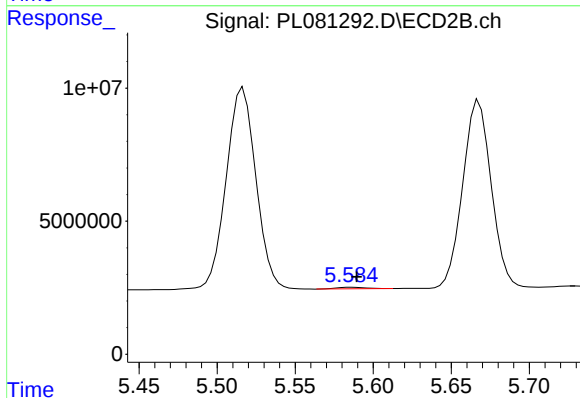
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 122921973
Conc: 437.70 ng/ml



#27 Chlordane-5

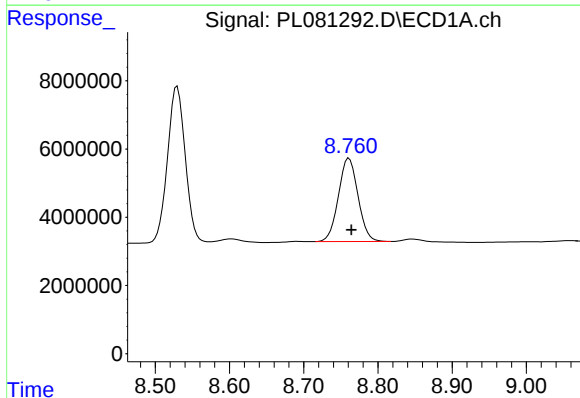
R.T.: 6.608 min
Delta R.T.: -0.028 min
Response: 249228
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



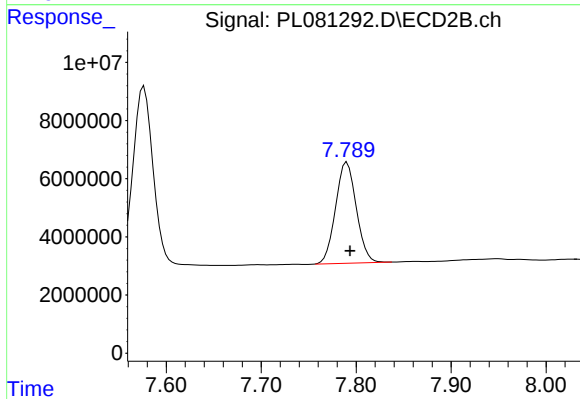
#27 Chlordane-5

R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 746574
Conc: 10.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.003 min
Response: 44795824
Conc: 29.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.003 min
Response: 52677809
Conc: 27.50 ng/ml