

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 19:18
 Operator : AR\AJ
 Sample : 03002-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 21:21:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.633	58112408	48137065	19.773	18.542
28)	SA Decachlor...	8.733	7.737	36479073	42382951	17.393	17.045
Target Compounds							
2)	A alpha-BHC	3.765	3.130	195.5E6	160.7E6	44.044	43.076
3)	MA gamma-BHC...	4.093	3.456	189.8E6	155.7E6	45.808	46.698
4)	MA Heptachlor	4.671	3.787	173.2E6	158.5E6	45.298	43.298
5)	MB Aldrin	5.007	4.063	168.7E6	150.2E6	47.955	46.160
6)	B beta-BHC	4.297	3.757	80476876	62073712	42.745	43.406
7)	B delta-BHC	4.538	3.982	179.4E6	148.0E6	52.169	45.180
8)	B Heptachlo...	5.434	4.563	151.2E6	135.9E6	47.259	45.798
9)	A Endosulfan I	5.815	4.930	139.0E6	123.7E6	46.339	44.276
10)	B gamma-Chl...	5.688	4.812	151.5E6	135.0E6	47.696	44.942
11)	B alpha-Chl...	5.766	4.874	149.7E6	136.2E6	46.645	45.355
12)	B 4,4'-DDE	5.945	5.065	130.5E6	113.7E6	47.355	46.802
13)	MA Dieldrin	6.089	5.194	145.4E6	131.8E6	48.336	46.697
14)	MA Endrin	6.316	5.468	127.0E6	119.5E6	47.270	47.109
15)	B Endosulfa...	6.539	5.765	124.0E6	115.6E6	46.606	46.709
16)	A 4,4'-DDD	6.461	5.619	104.4E6	89299595	48.028	46.432
17)	MA 4,4'-DDT	6.772	5.867	115.4E6	101.2E6	46.088	45.359
18)	B Endrin al...	6.668	5.945	99126301	93440394	49.301	47.253
19)	B Endosulfa...	6.904	6.167	120.5E6	111.9E6	47.009	45.705
20)	A Methoxychlor	7.253	6.446	64015646	62760443	48.409	49.350
21)	B Endrin ke...	7.382	6.671	123.3E6	124.9E6	48.345	46.195
22)	Mirex	7.847	6.842	96188618	105.7E6	45.891	45.166
23)	Chlordane-1	0.000	3.634	0	498181	N.D.	6.038 #
24)	Chlordane-2	5.007f	4.200	168.7E6	-54028	1531.526	N.D. #
25)	Chlordane-3	5.688	4.812	151.5E6	135.0E6	365.217	506.476 #
26)	Chlordane-4	5.766	4.874	149.7E6	136.2E6	295.624	483.243 #
27)	Chlordane-5	0.000	5.765	0	115.6E6	N.D.	1189.627 #

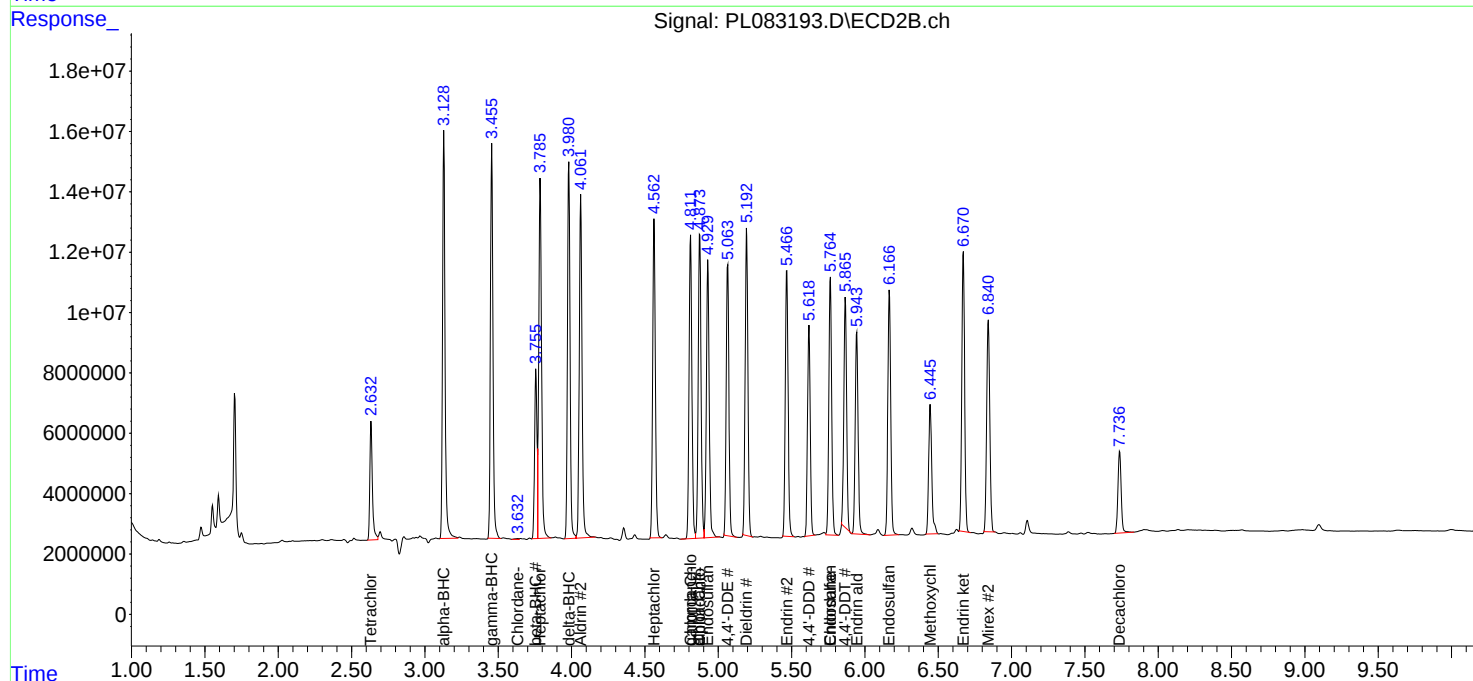
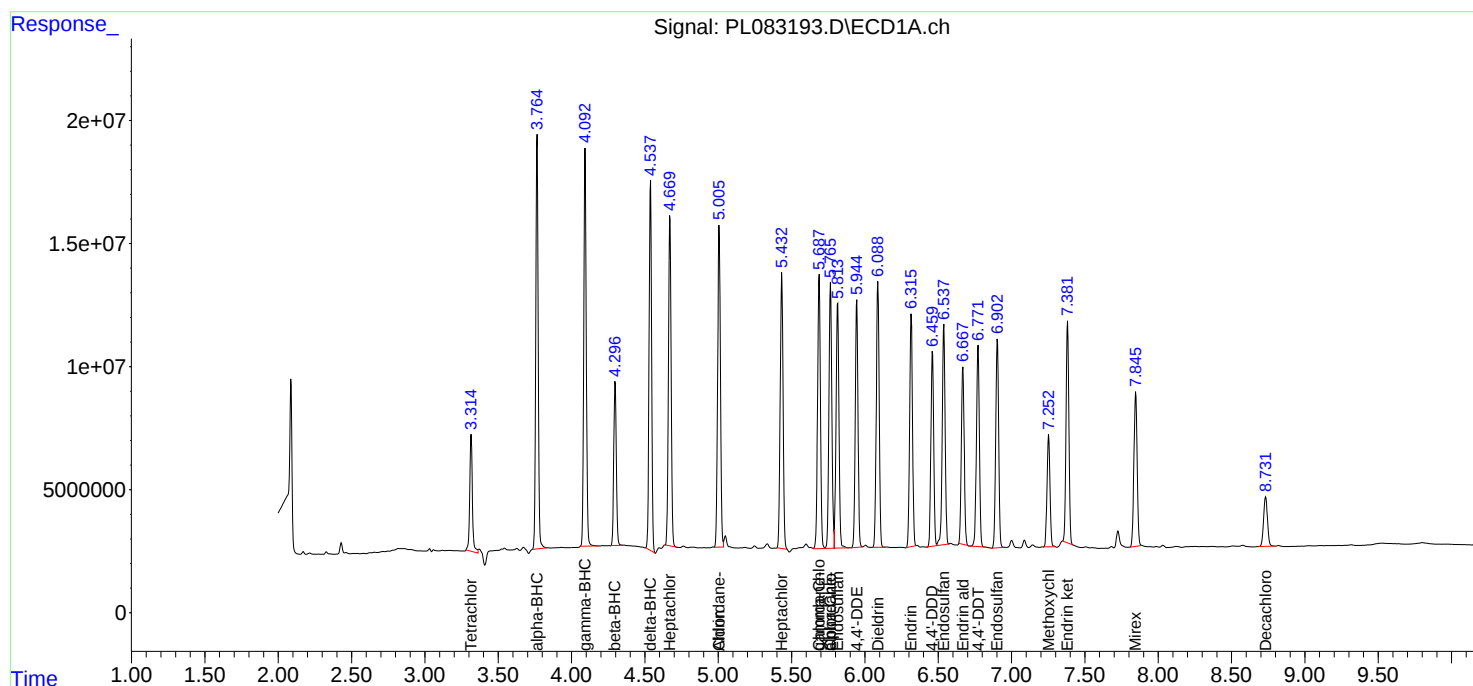
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

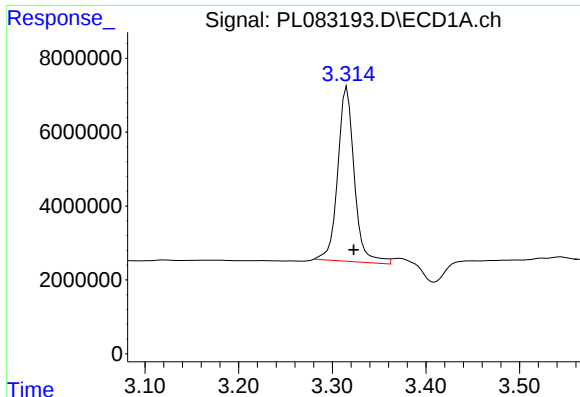
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

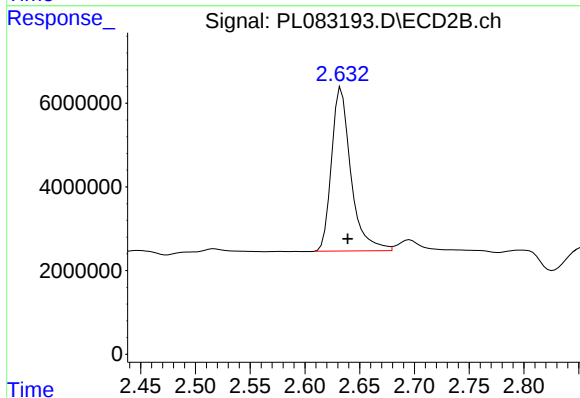




#1 Tetrachloro-m-xylene

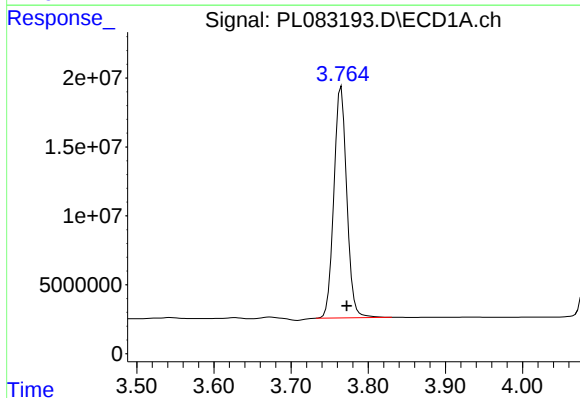
R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 58112408
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



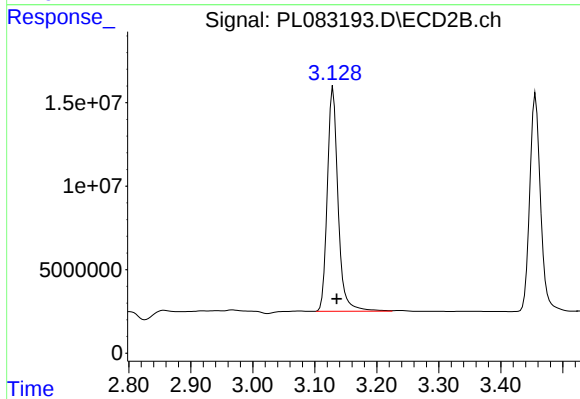
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 48137065
Conc: 18.54 ng/ml



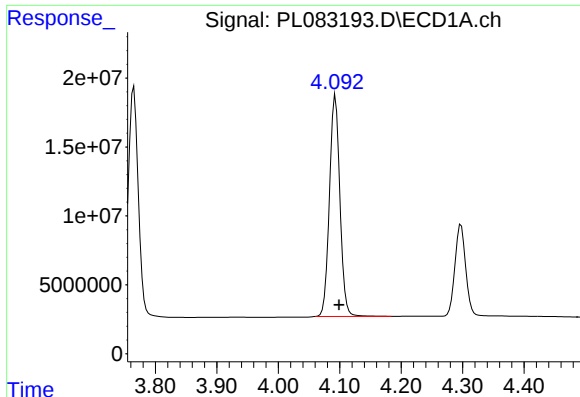
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 195522754
Conc: 44.04 ng/ml



#2 alpha-BHC

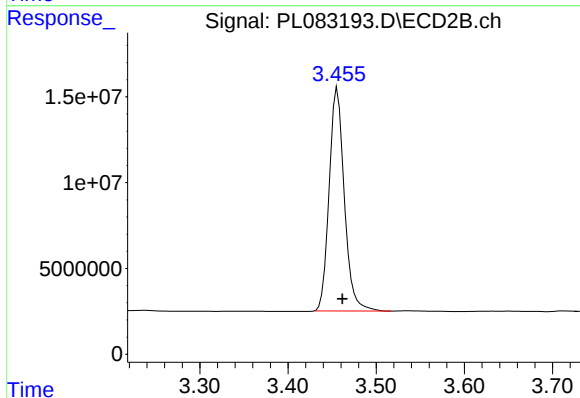
R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: 160734838
Conc: 43.08 ng/ml



#3 gamma-BHC (Lindane)

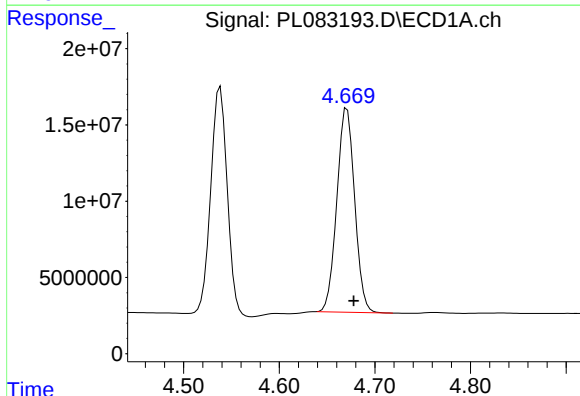
R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 189779208
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



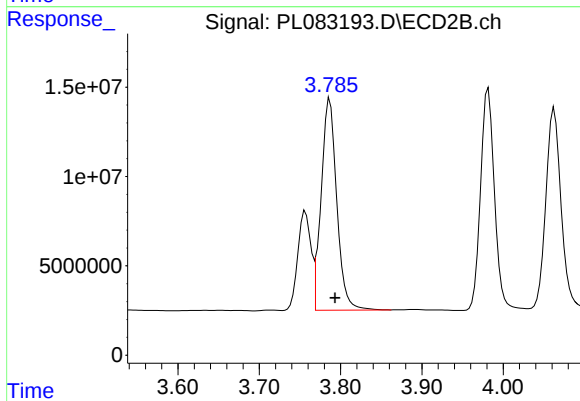
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.006 min
Response: 155658591
Conc: 46.70 ng/ml



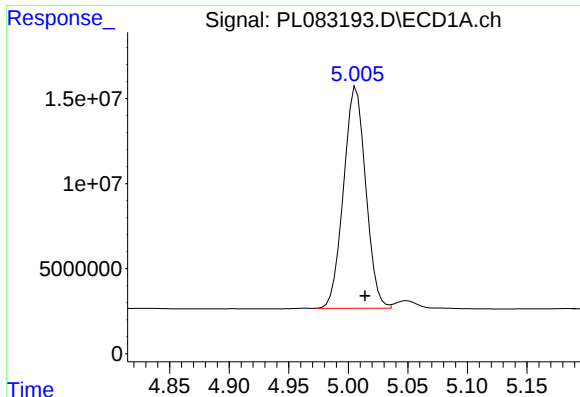
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 173150148
Conc: 45.30 ng/ml



#4 Heptachlor

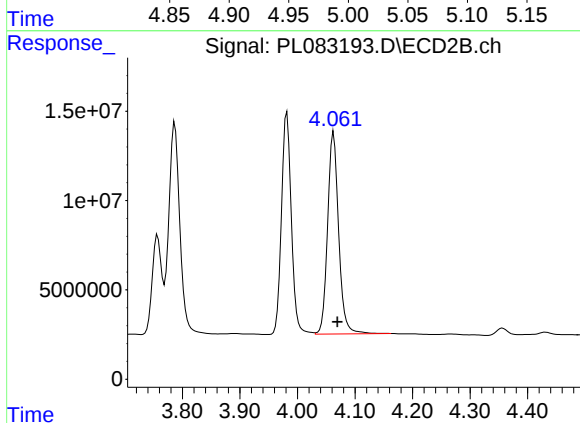
R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 158516832
Conc: 43.30 ng/ml



#5 Aldrin

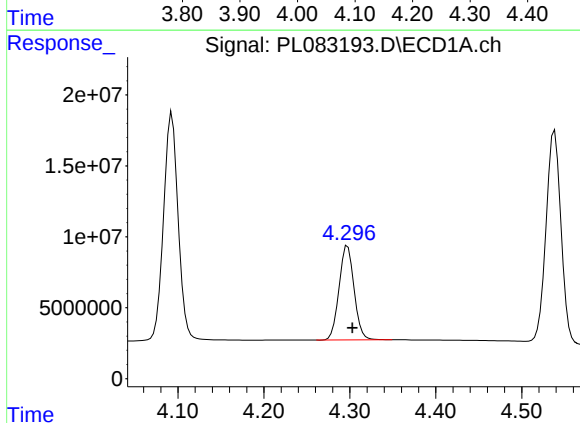
R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 168709988
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



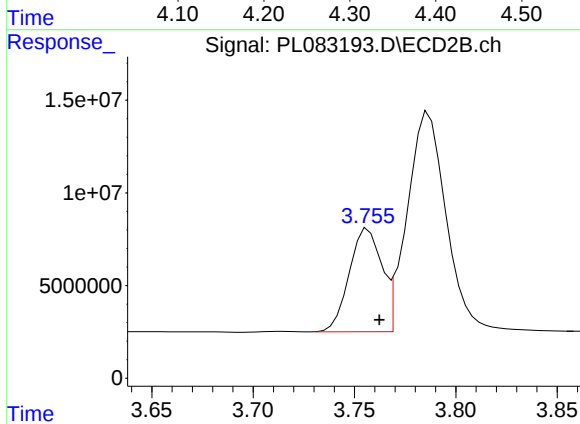
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.007 min
Response: 150186085
Conc: 46.16 ng/ml



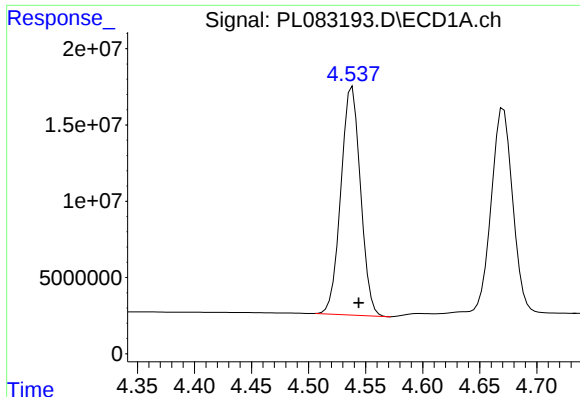
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 80476876
Conc: 42.74 ng/ml



#6 beta-BHC

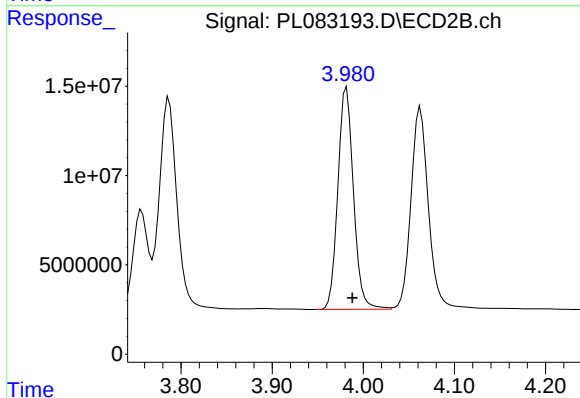
R.T.: 3.757 min
Delta R.T.: -0.006 min
Response: 62073712
Conc: 43.41 ng/ml



#7 delta-BHC

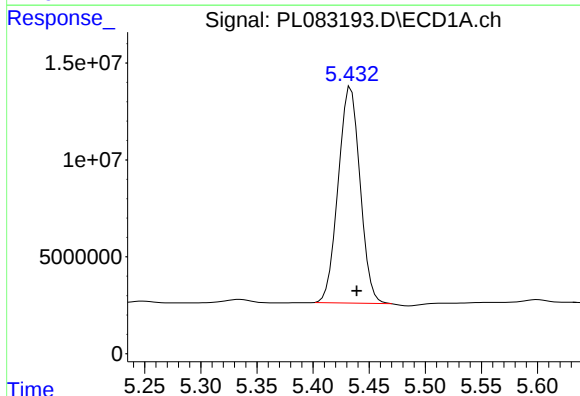
R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 179404532
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



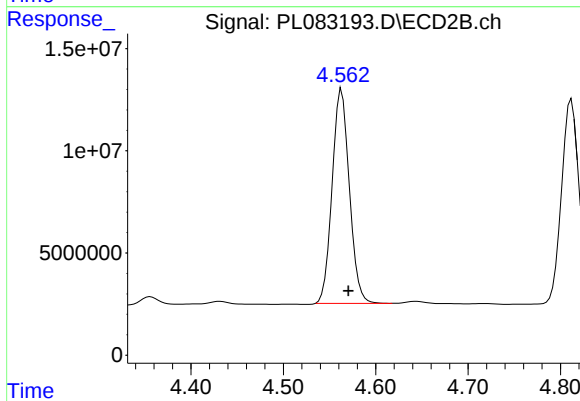
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 148029176
Conc: 45.18 ng/ml



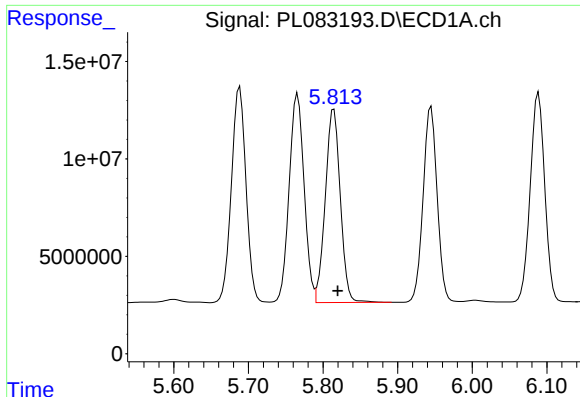
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 151168168
Conc: 47.26 ng/ml



#8 Heptachlor epoxide

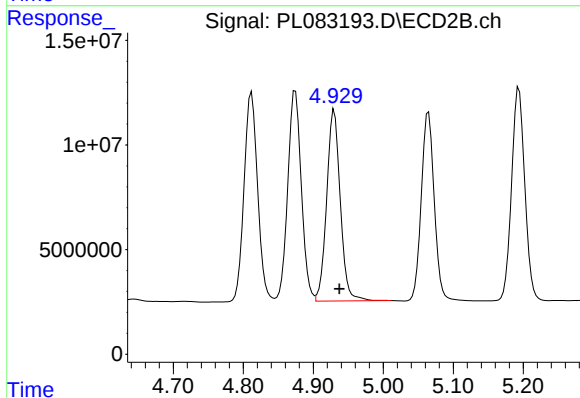
R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 135922515
Conc: 45.80 ng/ml



#9 Endosulfan I

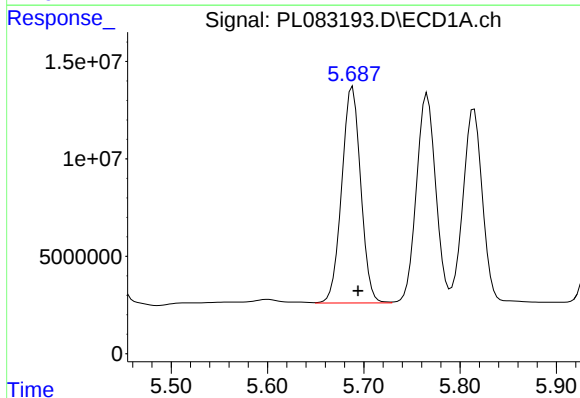
R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 139043964
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



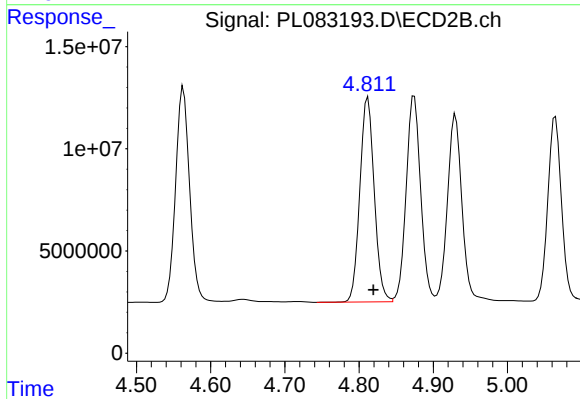
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 123723465
Conc: 44.28 ng/ml



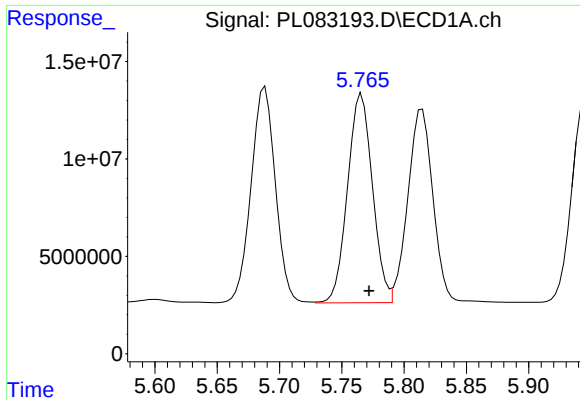
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 151529544
Conc: 47.70 ng/ml



#10 gamma-Chlordane

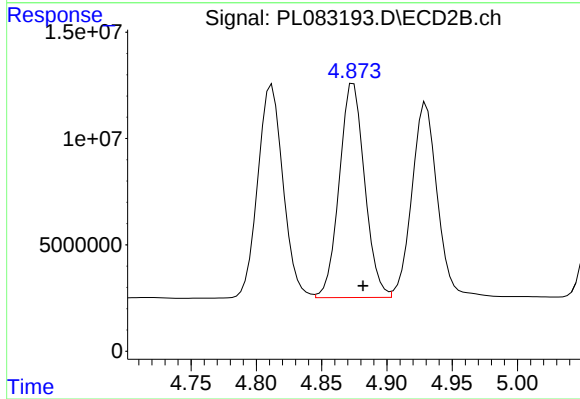
R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 134978313
Conc: 44.94 ng/ml



#11 alpha-Chlordane

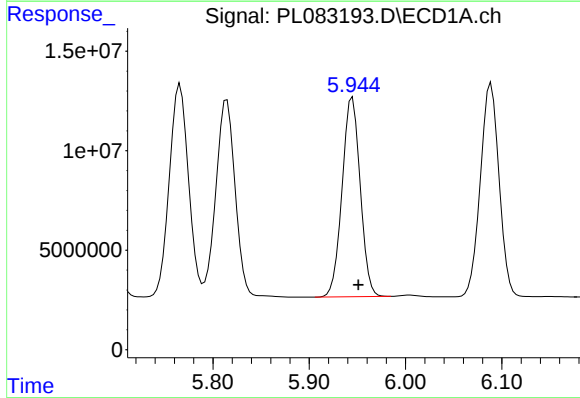
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 149697100
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



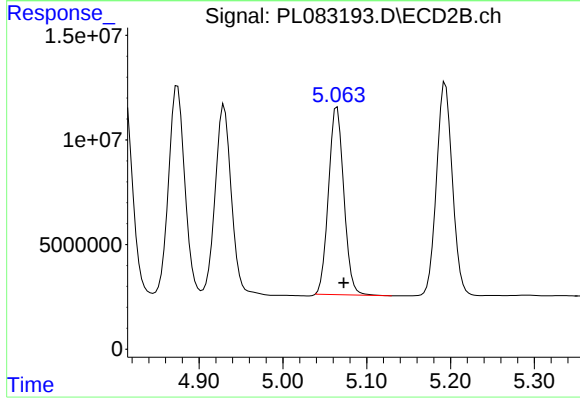
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.007 min
Response: 136154286
Conc: 45.35 ng/ml



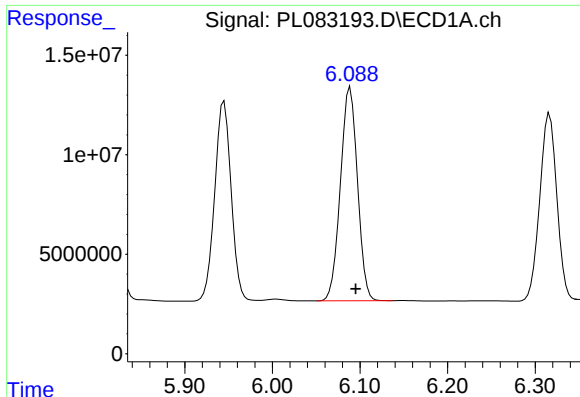
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 130534768
Conc: 47.36 ng/ml



#12 4,4'-DDE

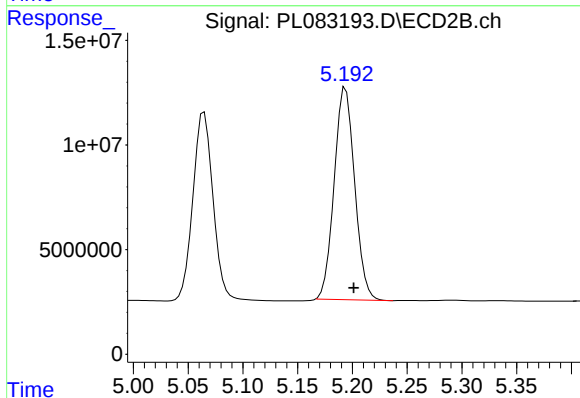
R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 113670643
Conc: 46.80 ng/ml



#13 Dieldrin

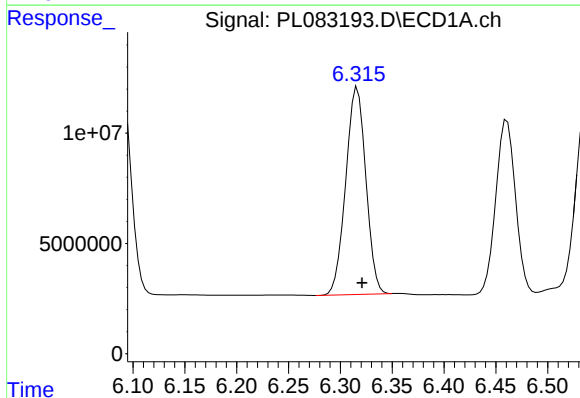
R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 145388635
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



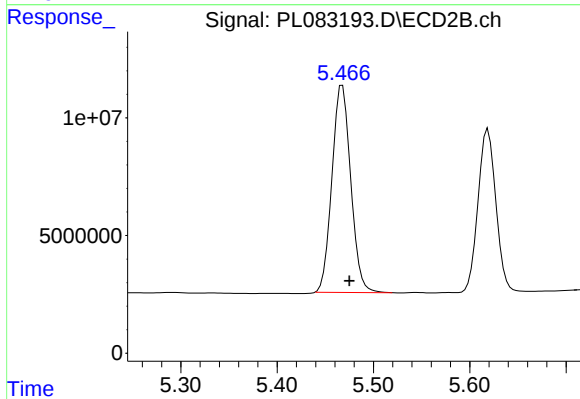
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 131822256
Conc: 46.70 ng/ml



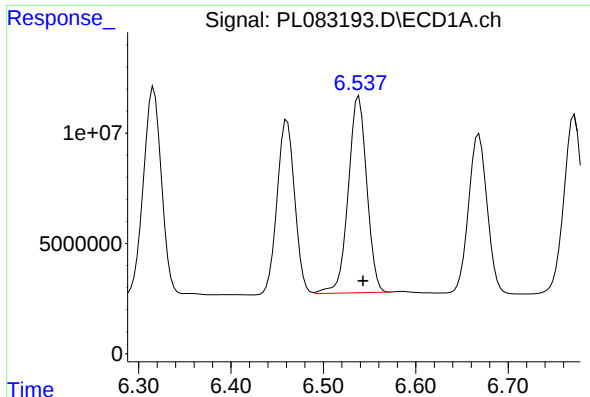
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 127025384
Conc: 47.27 ng/ml



#14 Endrin

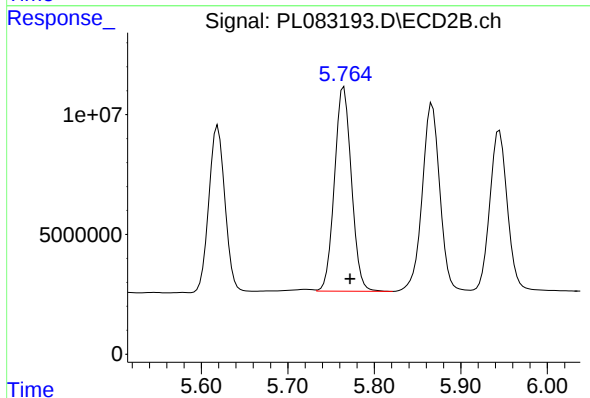
R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 119514455
Conc: 47.11 ng/ml



#15 Endosulfan II

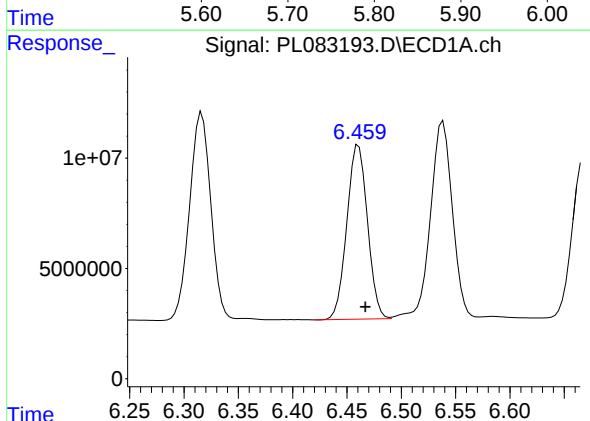
R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 124010374
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



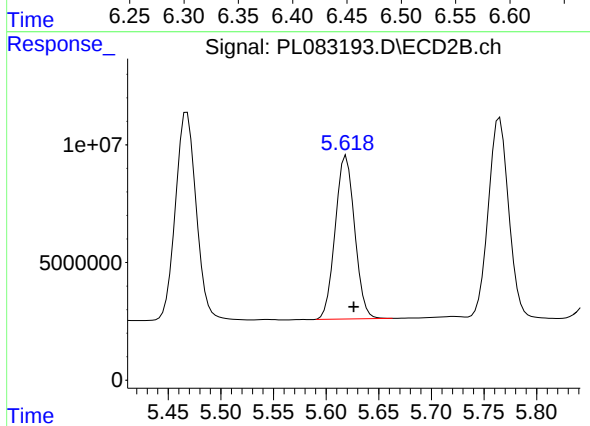
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 115567845
Conc: 46.71 ng/ml



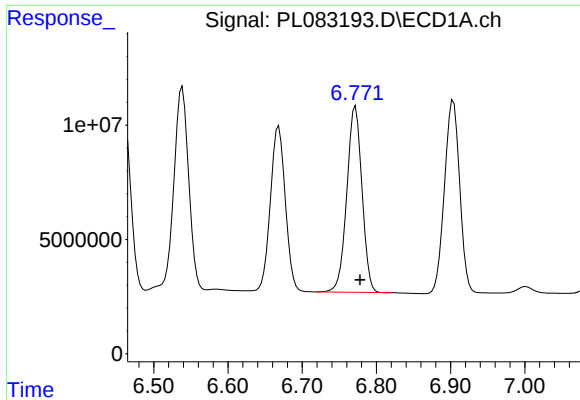
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 104368491
Conc: 48.03 ng/ml



#16 4,4'-DDD

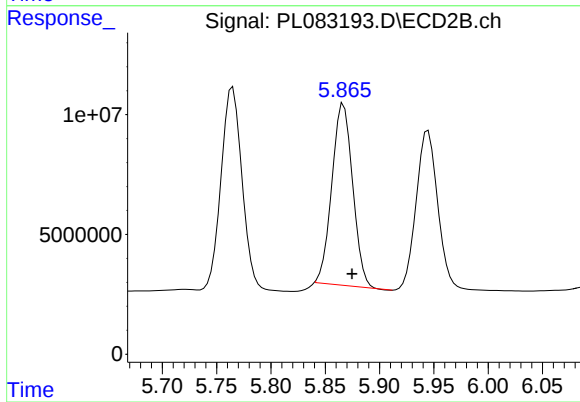
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 89299595
Conc: 46.43 ng/ml



#17 4,4'-DDT

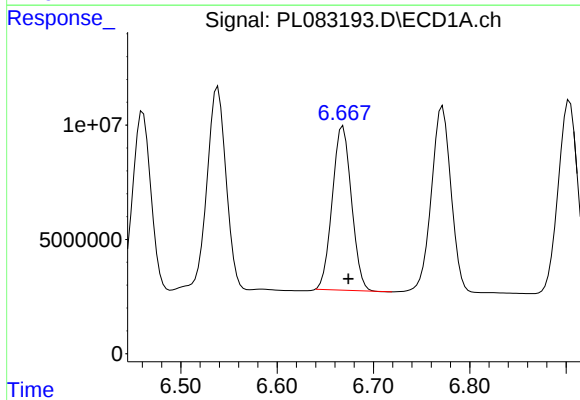
R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 115365409
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



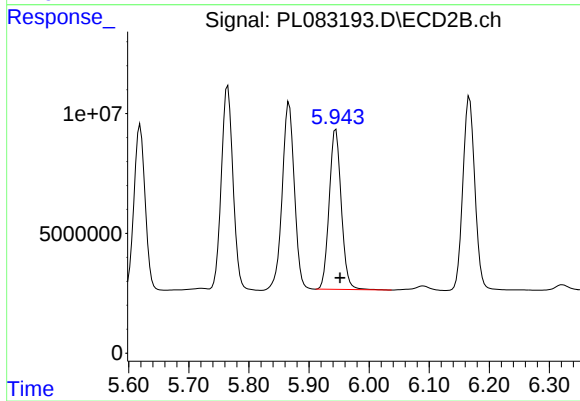
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 101196931
Conc: 45.36 ng/ml



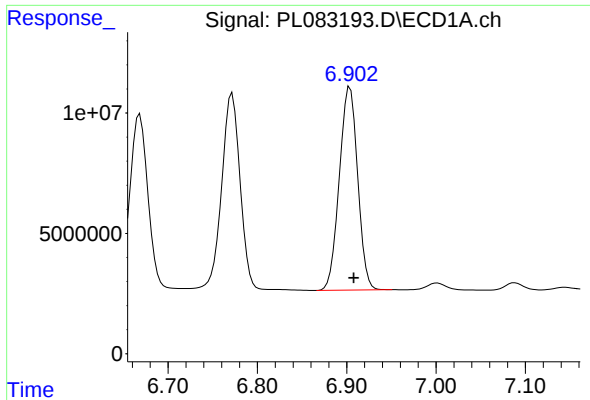
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 99126301
Conc: 49.30 ng/ml



#18 Endrin aldehyde

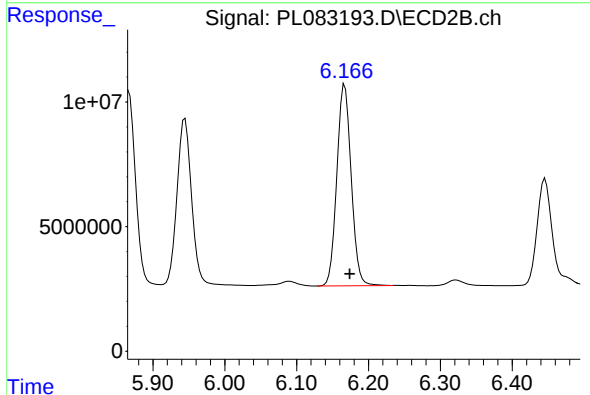
R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 93440394
Conc: 47.25 ng/ml



#19 Endosulfan Sulfate

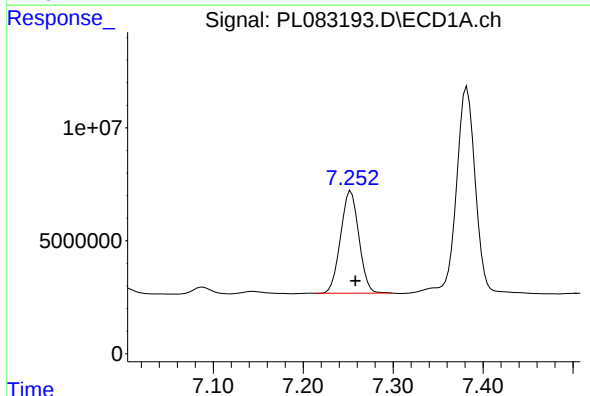
R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 120519119
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



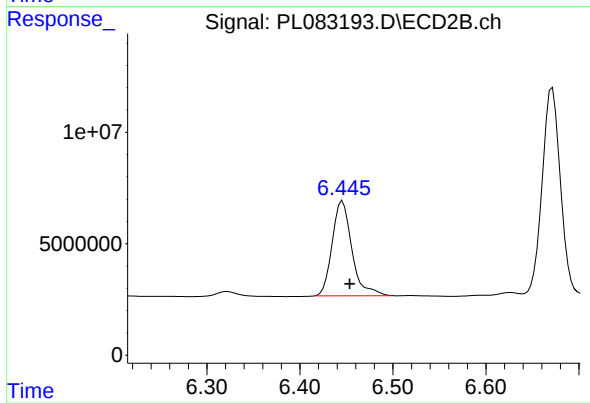
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 111931304
Conc: 45.71 ng/ml



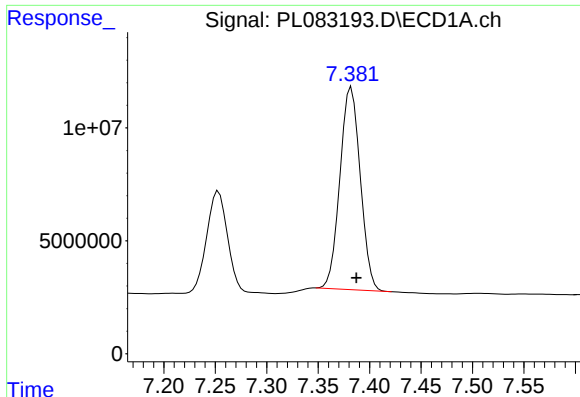
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 64015646
Conc: 48.41 ng/ml



#20 Methoxychlor

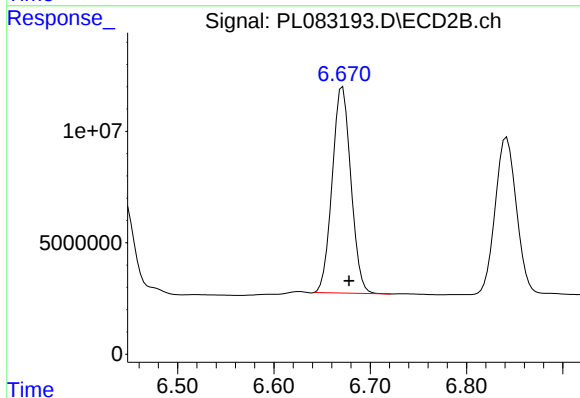
R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 62760443
Conc: 49.35 ng/ml



#21 Endrin ketone

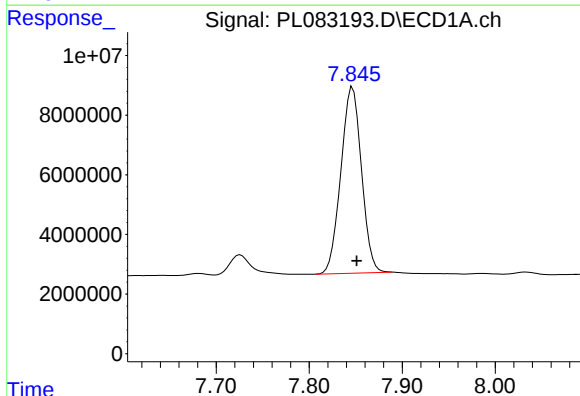
R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 123317545
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



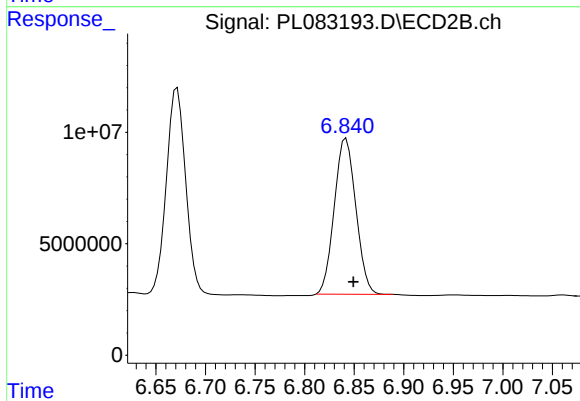
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 124904064
Conc: 46.19 ng/ml



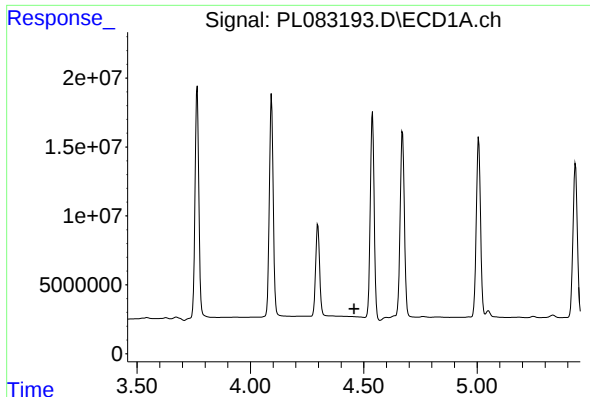
#22 Mirex

R.T.: 7.847 min
Delta R.T.: -0.004 min
Response: 96188618
Conc: 45.89 ng/ml



#22 Mirex

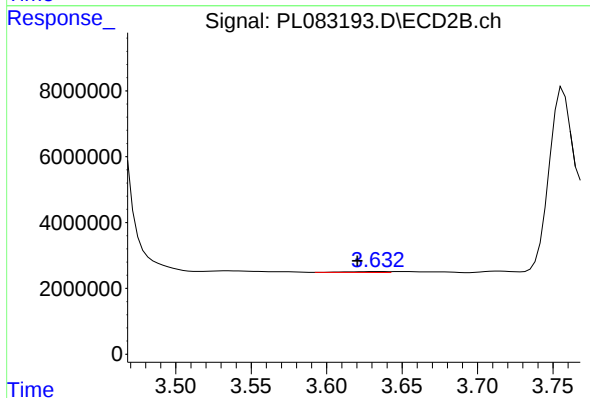
R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 105681008
Conc: 45.17 ng/ml



#23 Chlordane-1

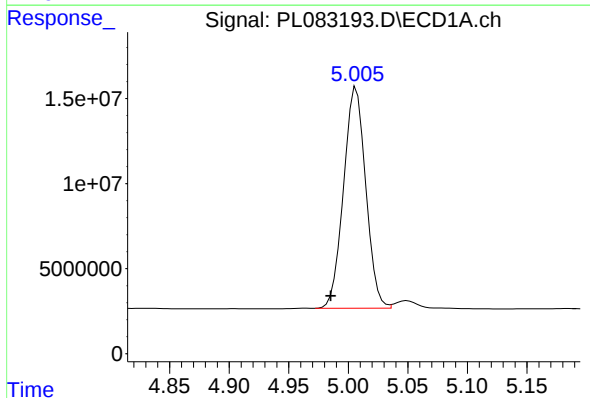
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



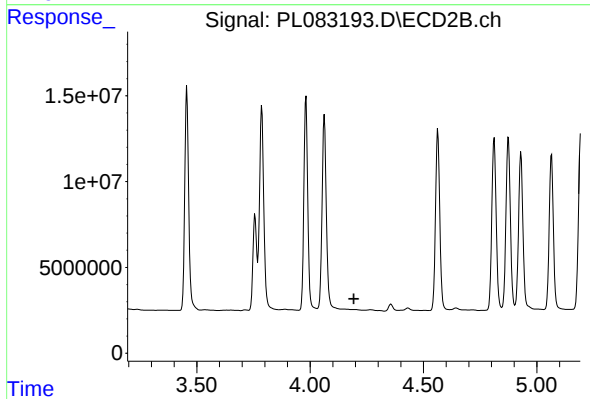
#23 Chlordane-1

R.T.: 3.634 min
Delta R.T.: 0.013 min
Response: 498181
Conc: 6.04 ng/ml



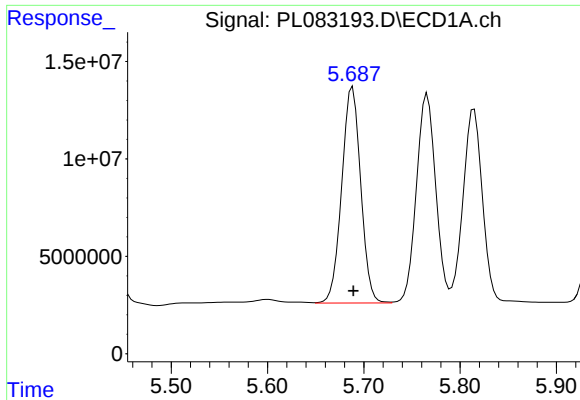
#24 Chlordane-2

R.T.: 5.007 min
Delta R.T.: 0.021 min
Response: 168709988
Conc: 1531.53 ng/ml



#24 Chlordane-2

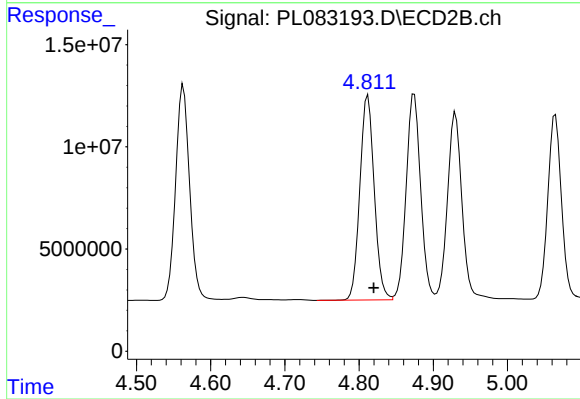
R.T.: 4.200 min
Delta R.T.: 0.006 min
Response: -54028
Conc: N.D.



#25 Chlordane-3

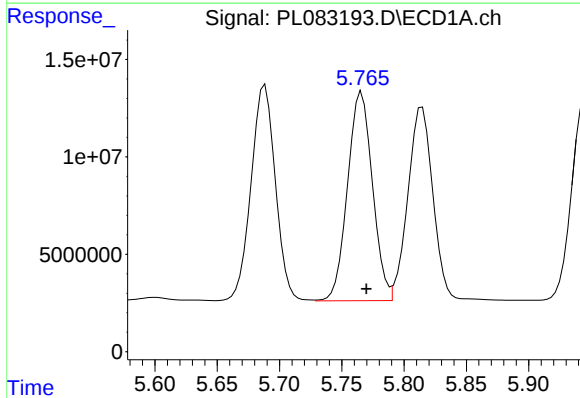
R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 151529544
Conc: 365.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



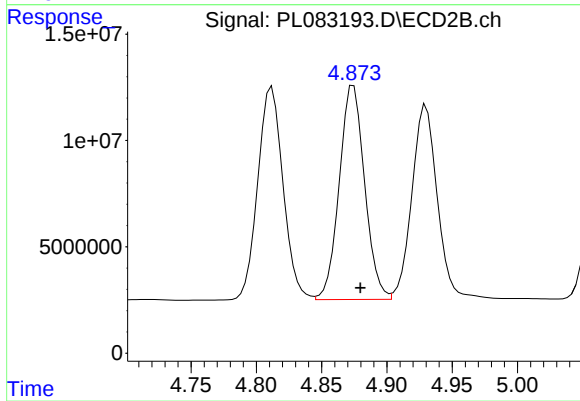
#25 Chlordane-3

R.T.: 4.812 min
Delta R.T.: -0.008 min
Response: 134978313
Conc: 506.48 ng/ml



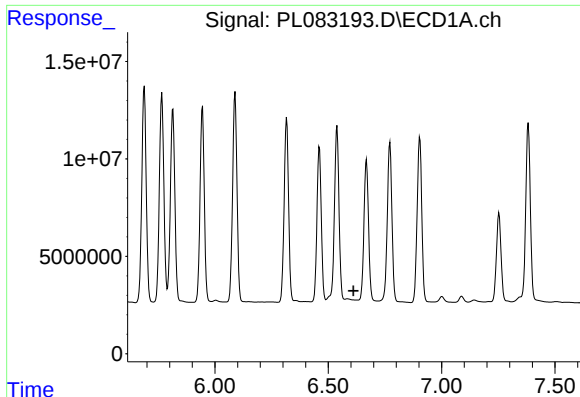
#26 Chlordane-4

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 149697100
Conc: 295.62 ng/ml



#26 Chlordane-4

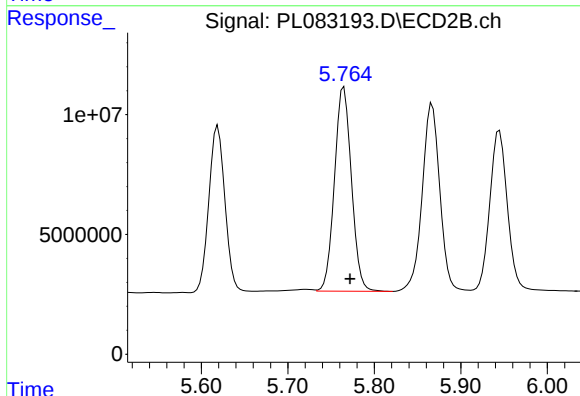
R.T.: 4.874 min
Delta R.T.: -0.005 min
Response: 136154286
Conc: 483.24 ng/ml



#27 Chlordane-5

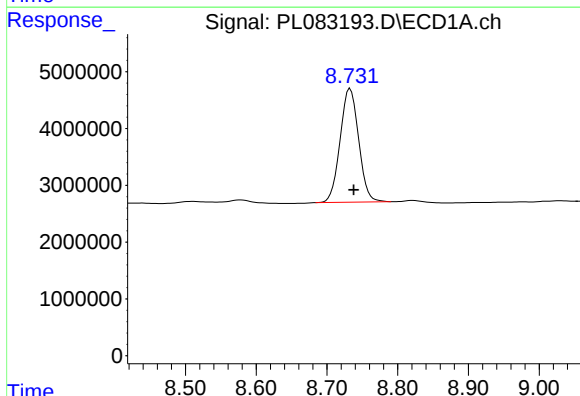
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



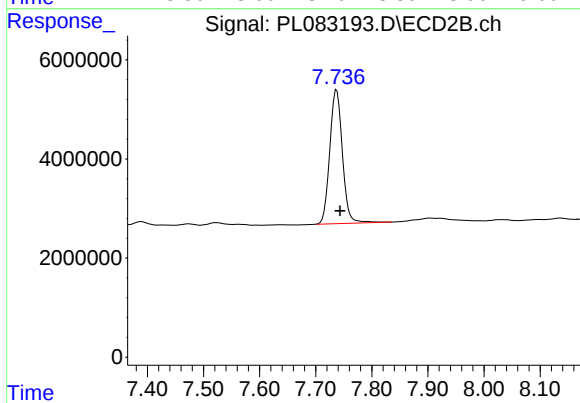
#27 Chlordane-5

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 115567845
Conc: 1189.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 36479073
Conc: 17.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 42382951
Conc: 17.04 ng/ml