

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031723\
 Data File : PL081559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2023 18:10
 Operator : AR\AJ
 Sample : 01432-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 22:34:55 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...	3.330	2.660	41788270	36887212	19.341	18.226
28)	SA Decachlor...	8.755	7.782	33431404	43301549	21.929	22.605
Target Compounds							
2)	A alpha-BHC	3.780	3.160	163.6E6	155.0E6	51.418	52.876
3)	MA gamma-BHC...	4.108	3.488	167.6E6	162.7E6	56.636	59.143
4)	MA Heptachlor	4.688	3.822	146.2E6	155.8E6	52.990	56.464
5)	MB Aldrin	5.025	4.099	145.9E6	150.8E6	57.335	57.512
6)	B beta-BHC	4.310	3.787	70783169	61942373	51.423	53.370
7)	B delta-BHC	4.552	4.014	132.8E6	122.2E6	47.786	47.974
8)	B Heptachlo...	5.452	4.601	138.3E6	135.9E6	58.612	56.219
9)	A Endosulfan I	5.832	4.969	118.6E6	124.9E6	56.159	55.169
10)	B gamma-Chl...	5.705	4.851	144.5E6	136.1E6	63.339	55.585
11)	B alpha-Chl...	5.784	4.914	129.4E6	137.3E6	57.453	56.076
12)	B 4,4'-DDE	5.962	5.105	111.3E6	106.4E6	56.862	54.188
13)	MA Dieldrin	6.107	5.234	117.9E6	132.6E6	56.353	58.813
14)	MA Endrin	6.334	5.508	106.9E6	113.6E6	58.818	56.521
15)	B Endosulfa...	6.556	5.804	103.8E6	107.5E6	59.561	58.326
16)	A 4,4'-DDD	6.477	5.659	85709238	86365743	55.678	56.297
17)	MA 4,4'-DDT	6.789	5.908	95073683	101.8E6	59.896	63.437
18)	B Endrin al...	6.686	5.985	4352080	92336056	3.041	60.946 #
19)	B Endosulfa...	6.920	6.208	95714963	92144198	53.308	47.940
20)	A Methoxychlor	7.271	6.488	52003107	50083261	60.373	53.964
21)	B Endrin ke...	7.400	6.713	106.6E6	120.1E6	58.758	55.796
22)	Mirex	7.865	6.886	79703136	101.2E6	54.624	52.600
23)	Chlordane-1	4.468	3.669	2462278	415430	25.719	5.038 #
24)	Chlordane-2	5.025f	4.236	145.9E6	686369	1457.510	6.705 #
25)	Chlordane-3	5.705	4.851	144.5E6	136.1E6	395.140	503.433 #
26)	Chlordane-4	5.784	4.914	129.4E6	137.3E6	294.488	488.905 #
27)	Chlordane-5	0.000	5.588	0	102398	N.D.	1.482 #

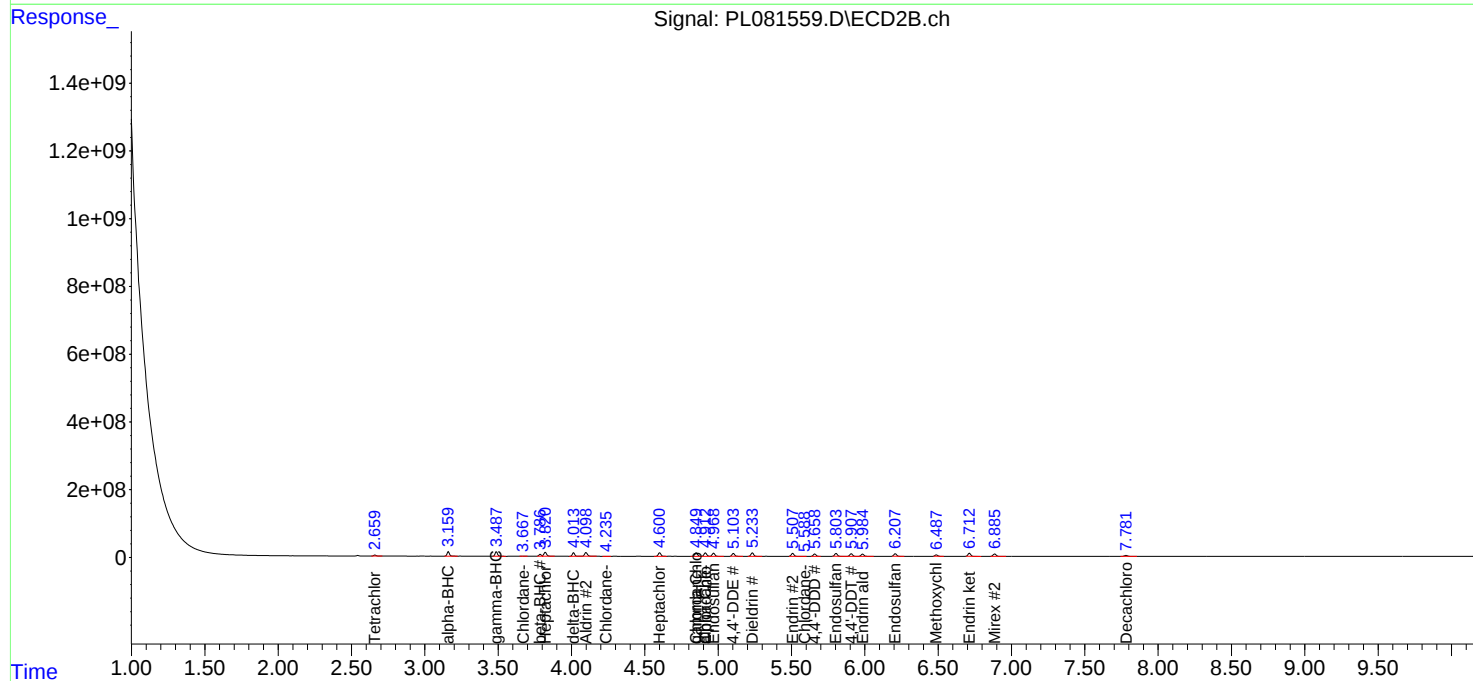
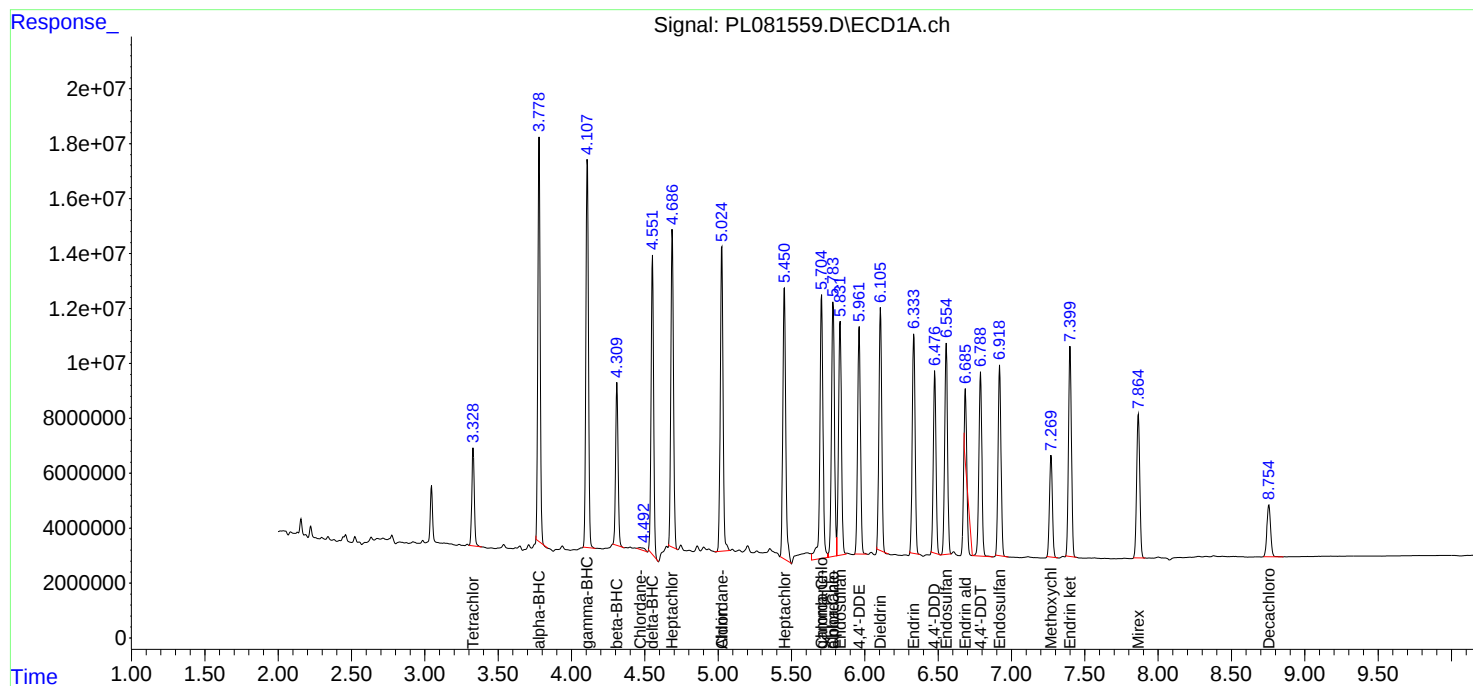
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

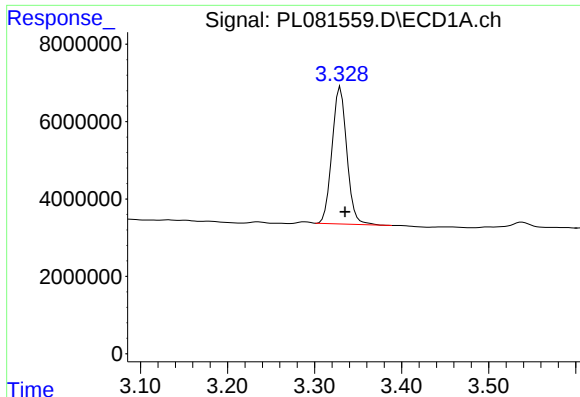
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031723\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

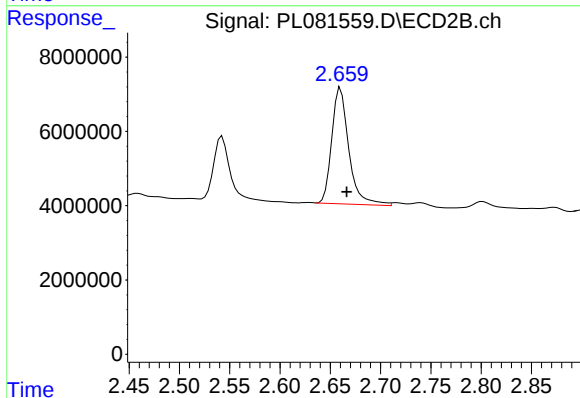




#1 Tetrachloro-m-xylene

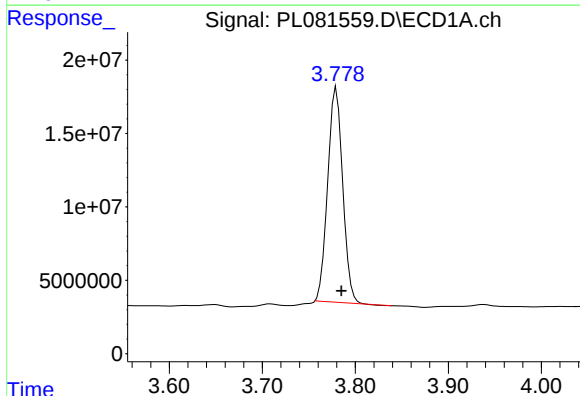
R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 41788270
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



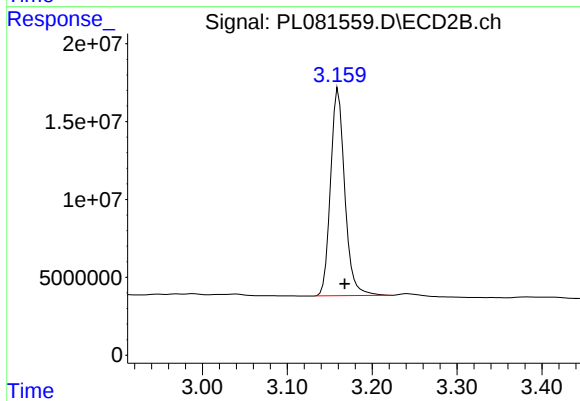
#1 Tetrachloro-m-xylene

R.T.: 2.660 min
Delta R.T.: -0.006 min
Response: 36887212
Conc: 18.23 ng/ml



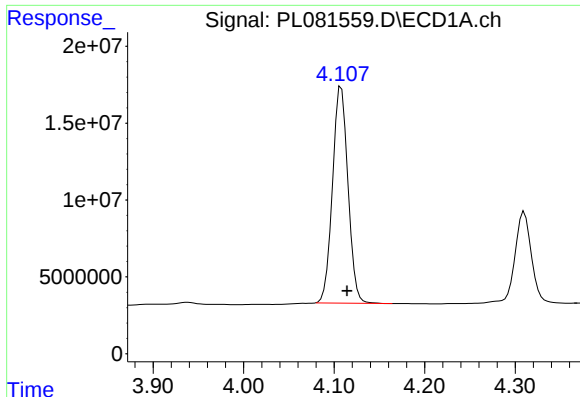
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.006 min
Response: 163575058
Conc: 51.42 ng/ml



#2 alpha-BHC

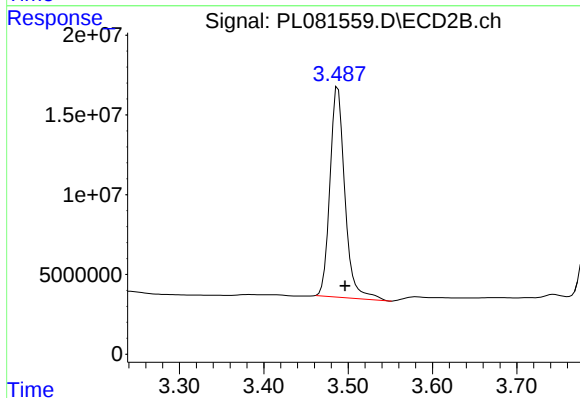
R.T.: 3.160 min
Delta R.T.: -0.007 min
Response: 154958825
Conc: 52.88 ng/ml



#3 gamma-BHC (Lindane)

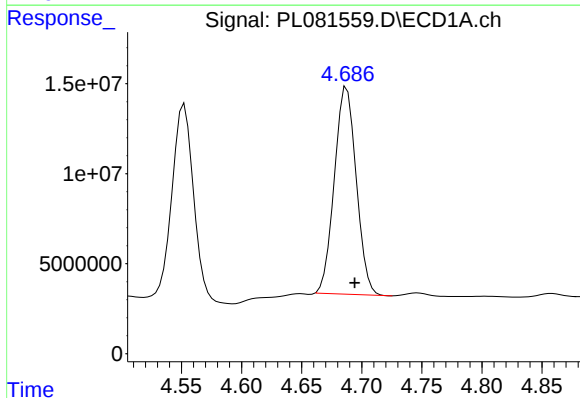
R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 167563763
Conc: 56.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



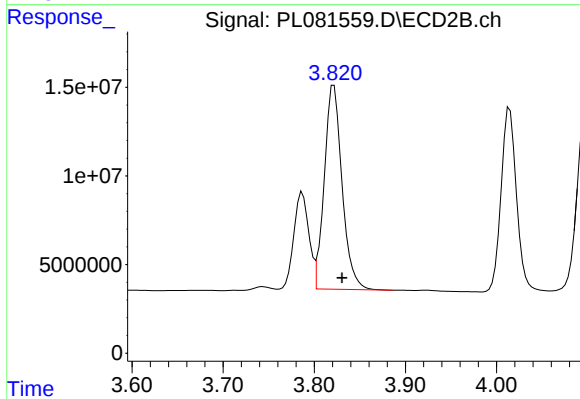
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 162704989
Conc: 59.14 ng/ml



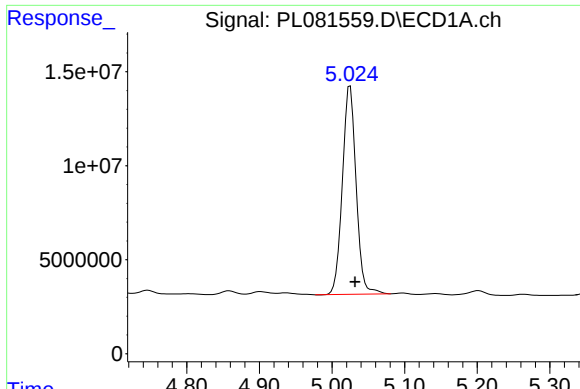
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: -0.007 min
Response: 146219510
Conc: 52.99 ng/ml



#4 Heptachlor

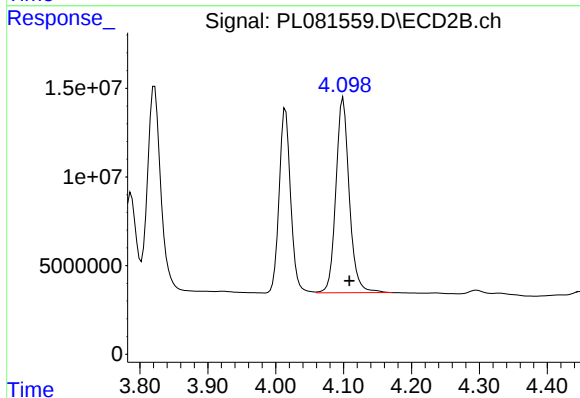
R.T.: 3.822 min
Delta R.T.: -0.009 min
Response: 155814879
Conc: 56.46 ng/ml



#5 Aldrin

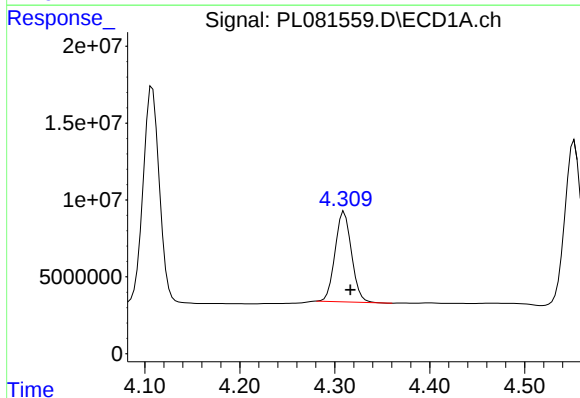
R.T.: 5.025 min
Delta R.T.: -0.007 min
Response: 145867429
Conc: 57.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



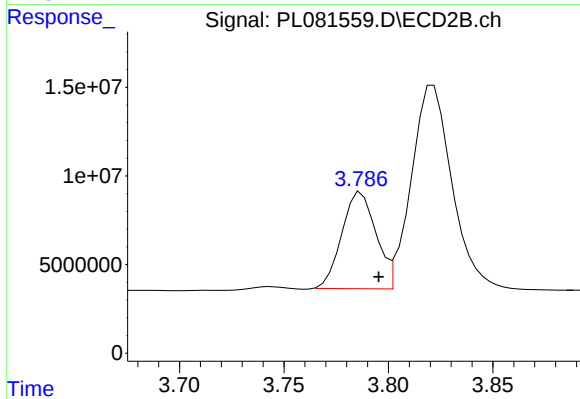
#5 Aldrin

R.T.: 4.099 min
Delta R.T.: -0.010 min
Response: 150781611
Conc: 57.51 ng/ml



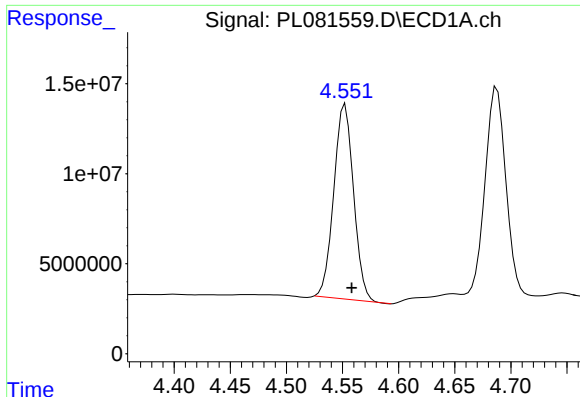
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.007 min
Response: 70783169
Conc: 51.42 ng/ml



#6 beta-BHC

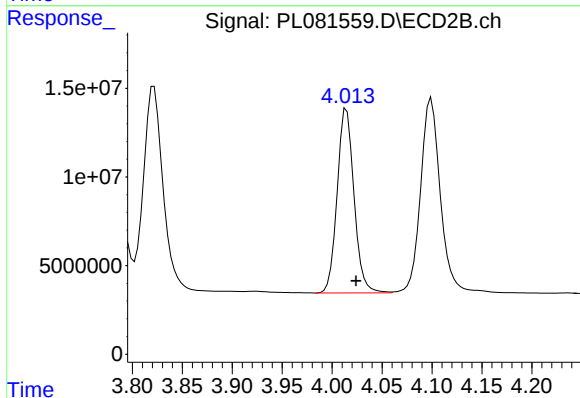
R.T.: 3.787 min
Delta R.T.: -0.008 min
Response: 61942373
Conc: 53.37 ng/ml



#7 delta-BHC

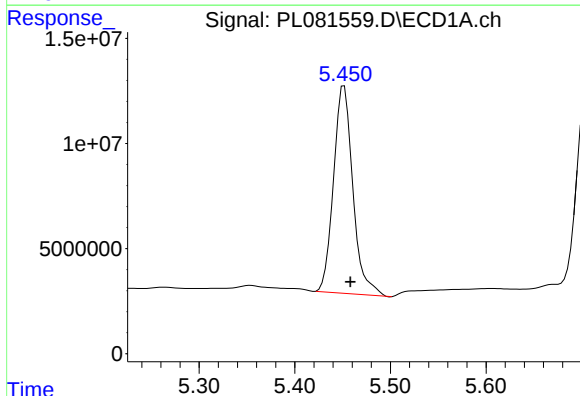
R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 132807445
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



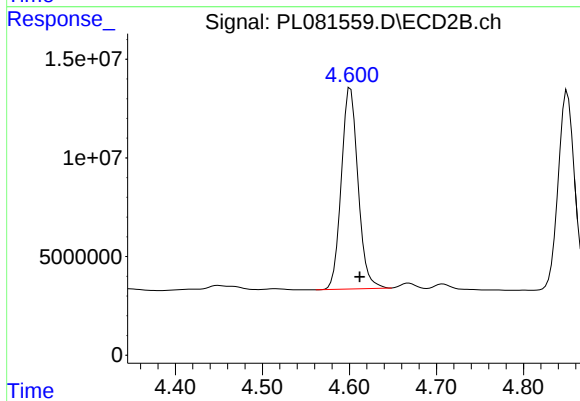
#7 delta-BHC

R.T.: 4.014 min
Delta R.T.: -0.010 min
Response: 122173866
Conc: 47.97 ng/ml



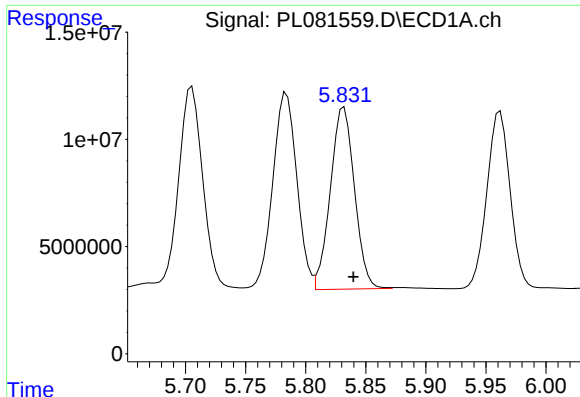
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 138325870
Conc: 58.61 ng/ml



#8 Heptachlor epoxide

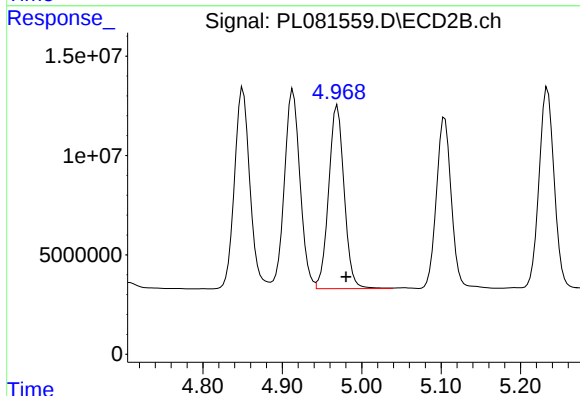
R.T.: 4.601 min
Delta R.T.: -0.011 min
Response: 135943719
Conc: 56.22 ng/ml



#9 Endosulfan I

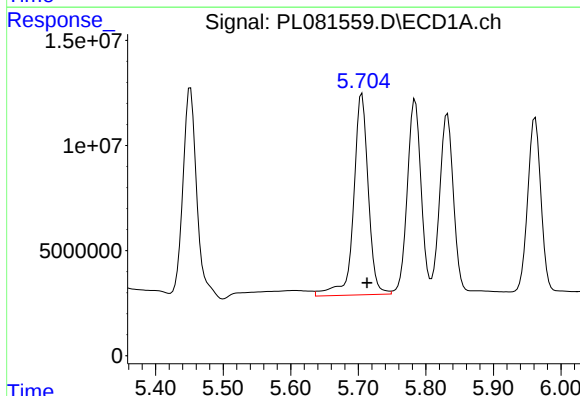
R.T.: 5.832 min
Delta R.T.: -0.008 min
Response: 118649026
Conc: 56.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



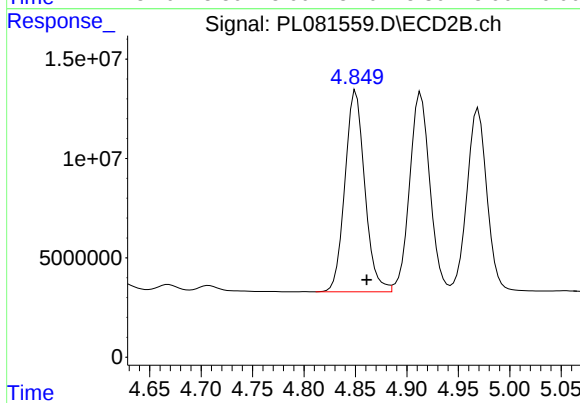
#9 Endosulfan I

R.T.: 4.969 min
Delta R.T.: -0.011 min
Response: 124884232
Conc: 55.17 ng/ml



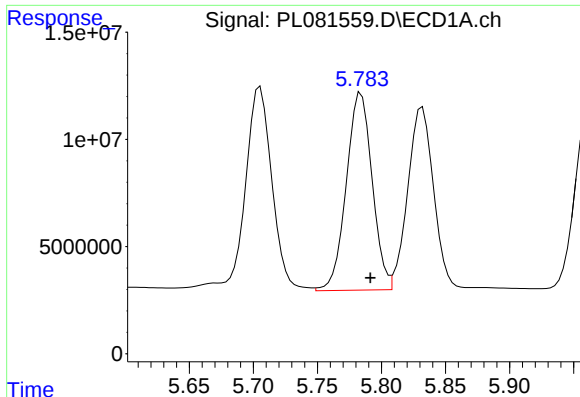
#10 gamma-Chlordane

R.T.: 5.705 min
Delta R.T.: -0.008 min
Response: 144533420
Conc: 63.34 ng/ml



#10 gamma-Chlordane

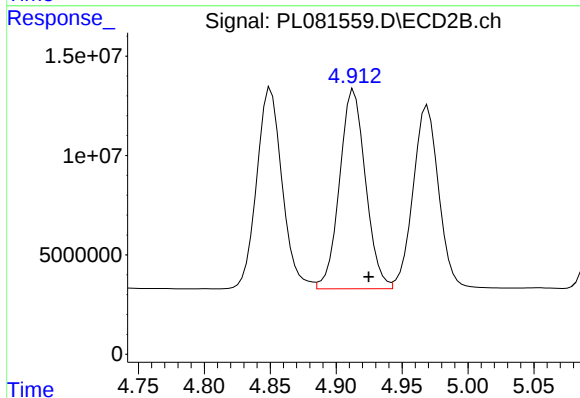
R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 136058203
Conc: 55.58 ng/ml



#11 alpha-Chlordane

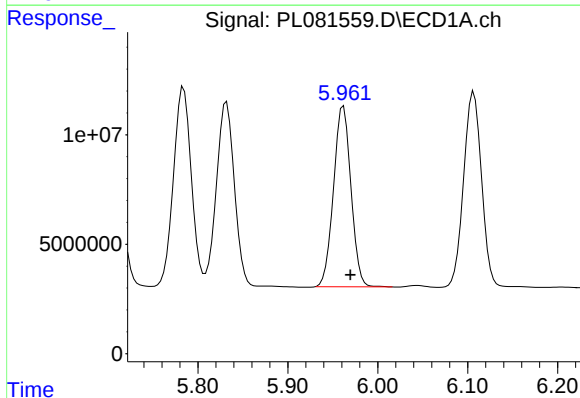
R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 129437109
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



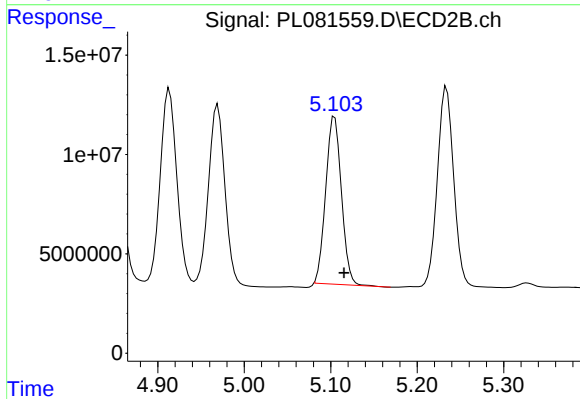
#11 alpha-Chlordane

R.T.: 4.914 min
Delta R.T.: -0.011 min
Response: 137303696
Conc: 56.08 ng/ml



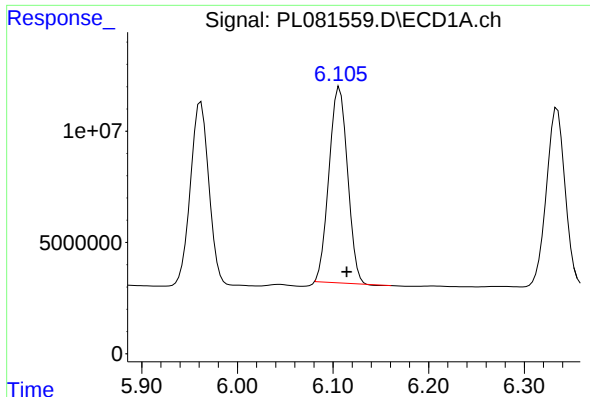
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 111256615
Conc: 56.86 ng/ml



#12 4,4'-DDE

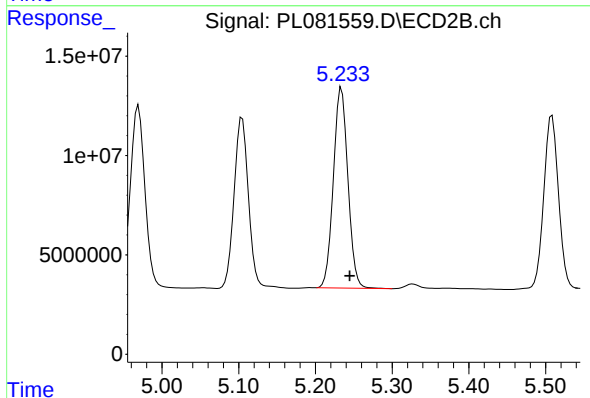
R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 106363066
Conc: 54.19 ng/ml



#13 Dieldrin

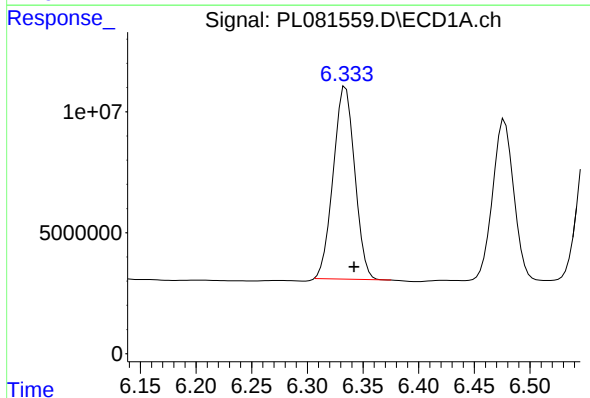
R.T.: 6.107 min
Delta R.T.: -0.007 min
Response: 117945269
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



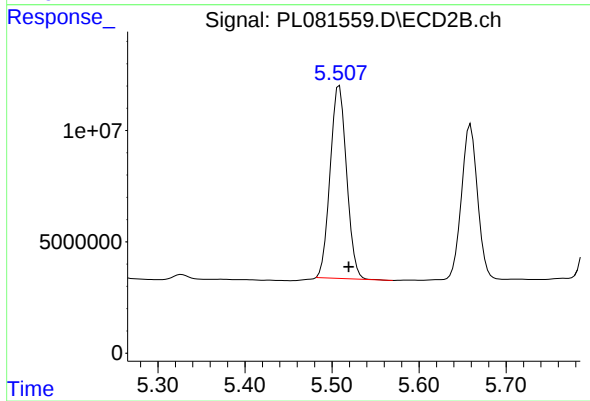
#13 Dieldrin

R.T.: 5.234 min
Delta R.T.: -0.011 min
Response: 132585162
Conc: 58.81 ng/ml



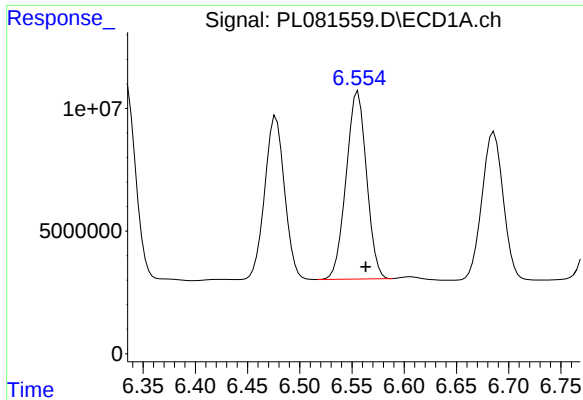
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 106900403
Conc: 58.82 ng/ml



#14 Endrin

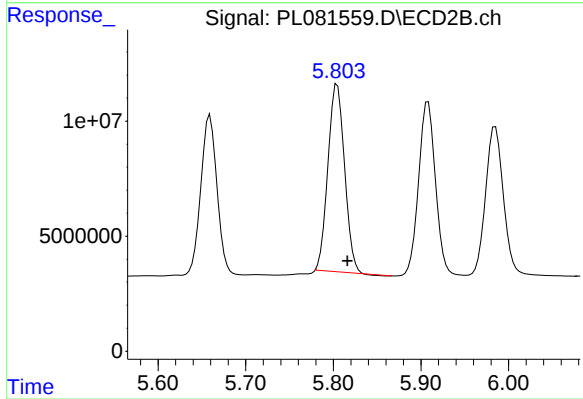
R.T.: 5.508 min
Delta R.T.: -0.011 min
Response: 113587785
Conc: 56.52 ng/ml



#15 Endosulfan II

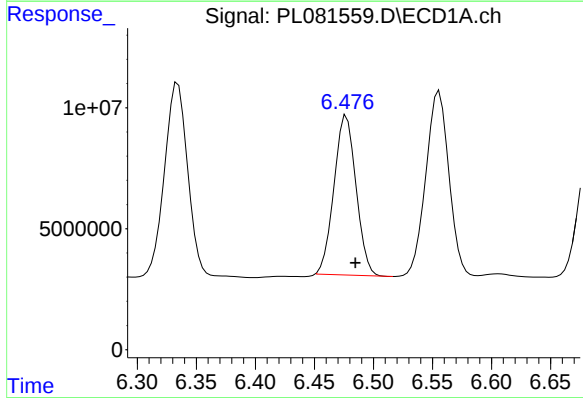
R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 103844761
Conc: 59.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



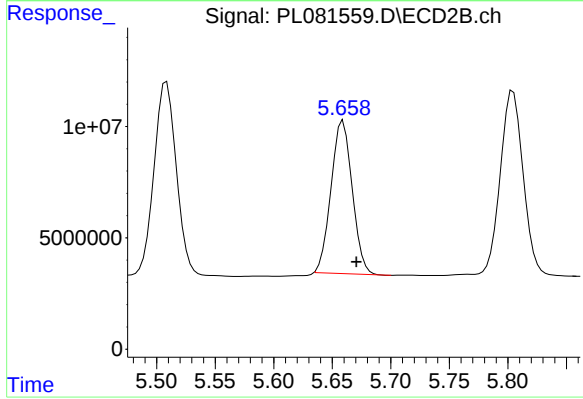
#15 Endosulfan II

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 107537542
Conc: 58.33 ng/ml



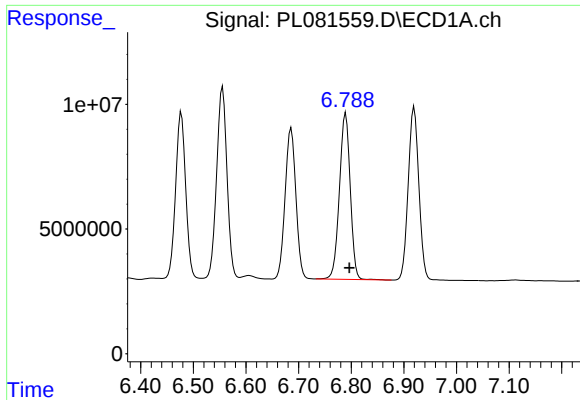
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 85709238
Conc: 55.68 ng/ml



#16 4,4'-DDD

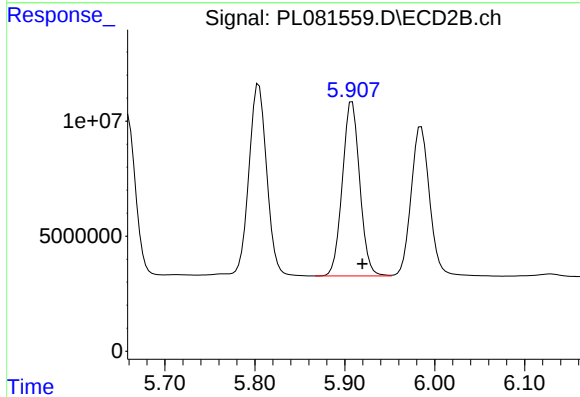
R.T.: 5.659 min
Delta R.T.: -0.011 min
Response: 86365743
Conc: 56.30 ng/ml



#17 4,4'-DDT

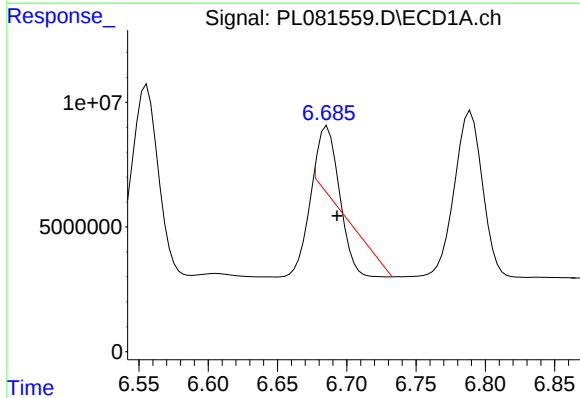
R.T.: 6.789 min
Delta R.T.: -0.007 min
Response: 95073683
Conc: 59.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



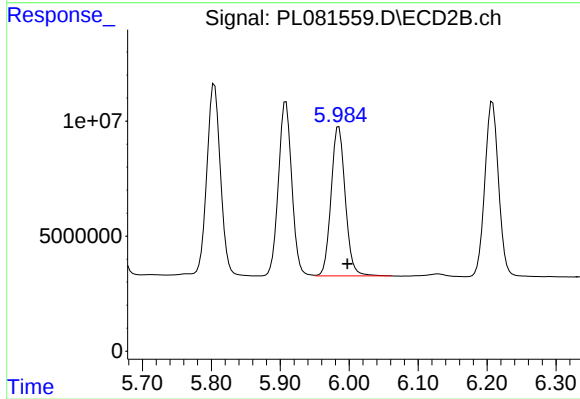
#17 4,4'-DDT

R.T.: 5.908 min
Delta R.T.: -0.012 min
Response: 101772166
Conc: 63.44 ng/ml



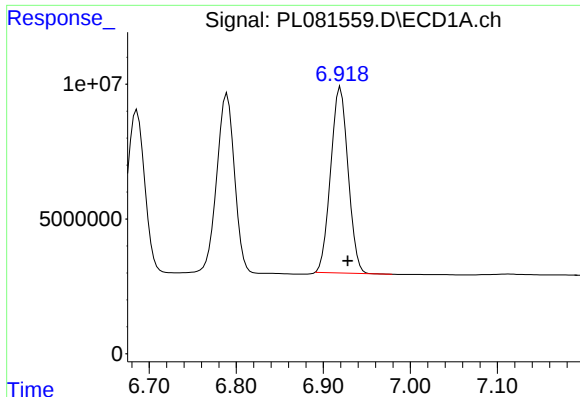
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 4352080
Conc: 3.04 ng/ml



#18 Endrin aldehyde

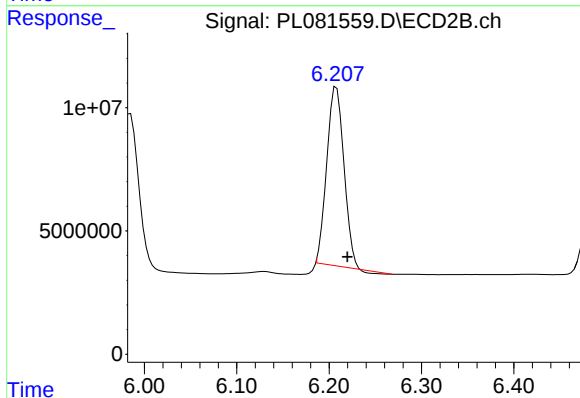
R.T.: 5.985 min
Delta R.T.: -0.013 min
Response: 92336056
Conc: 60.95 ng/ml



#19 Endosulfan Sulfate

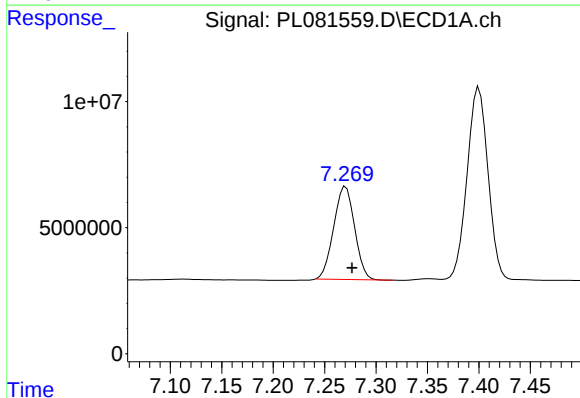
R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 95714963
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



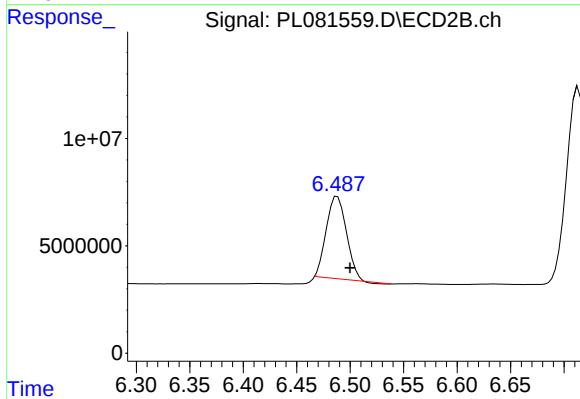
#19 Endosulfan Sulfate

R.T.: 6.208 min
Delta R.T.: -0.012 min
Response: 92144198
Conc: 47.94 ng/ml



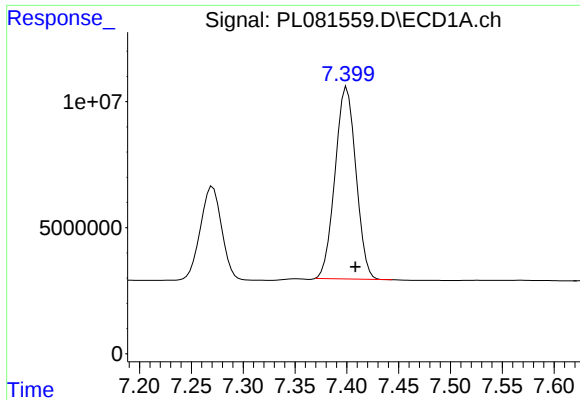
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 52003107
Conc: 60.37 ng/ml



#20 Methoxychlor

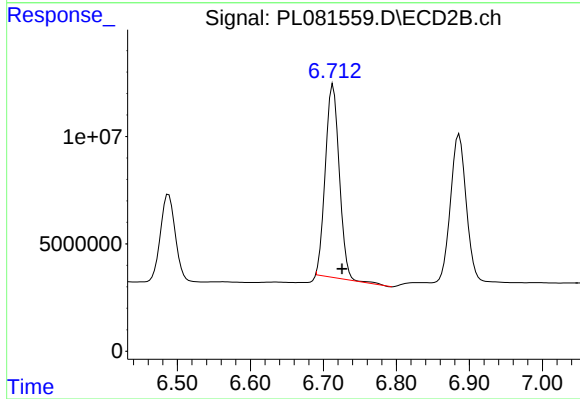
R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 50083261
Conc: 53.96 ng/ml



#21 Endrin ketone

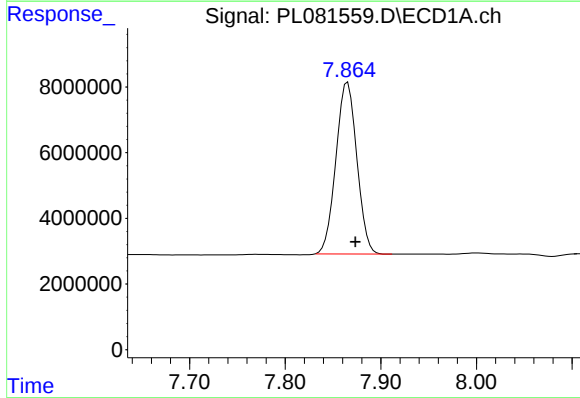
R.T.: 7.400 min
Delta R.T.: -0.008 min
Response: 106587299
Conc: 58.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



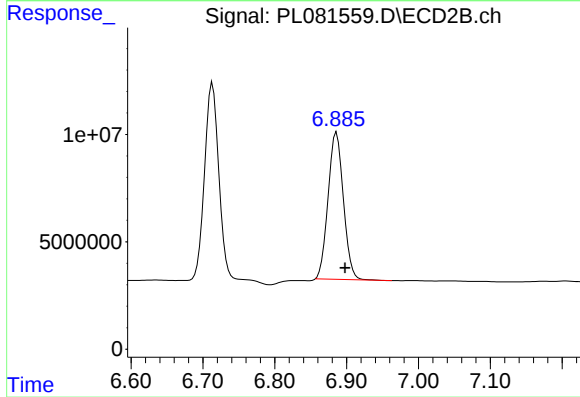
#21 Endrin ketone

R.T.: 6.713 min
Delta R.T.: -0.012 min
Response: 120133392
Conc: 55.80 ng/ml



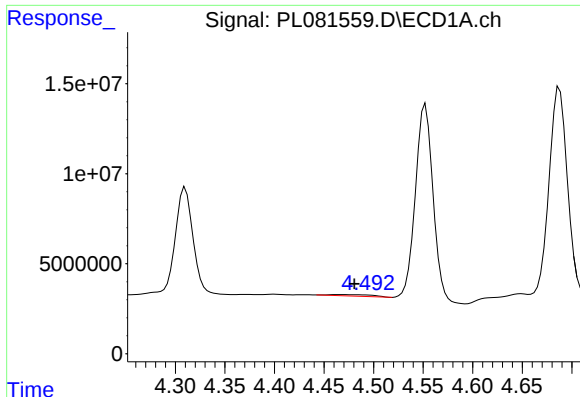
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.008 min
Response: 79703136
Conc: 54.62 ng/ml



#22 Mirex

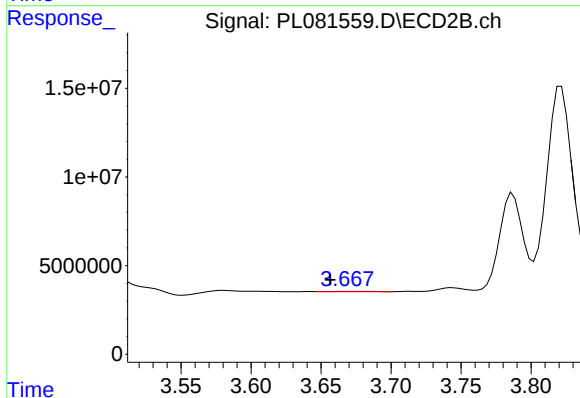
R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 101235210
Conc: 52.60 ng/ml



#23 Chlordane-1

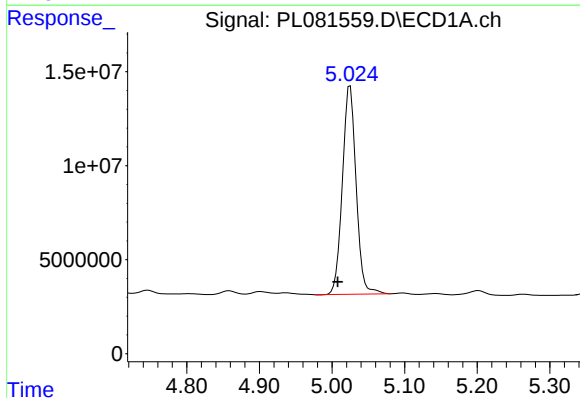
R.T.: 4.468 min
Delta R.T.: -0.012 min
Response: 2462278
Conc: 25.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



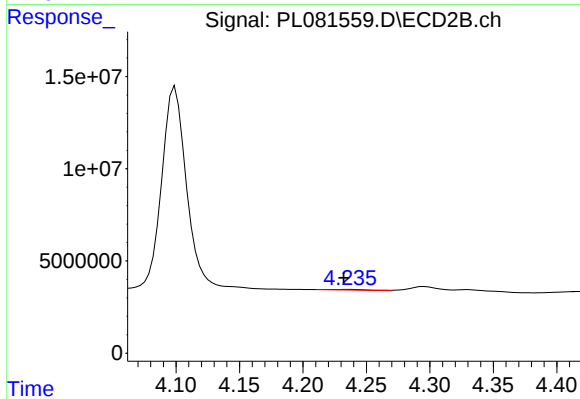
#23 Chlordane-1

R.T.: 3.669 min
Delta R.T.: 0.013 min
Response: 415430
Conc: 5.04 ng/ml



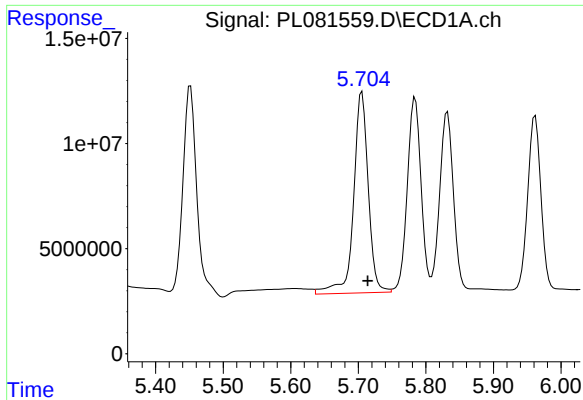
#24 Chlordane-2

R.T.: 5.025 min
Delta R.T.: 0.017 min
Response: 145867429
Conc: 1457.51 ng/ml



#24 Chlordane-2

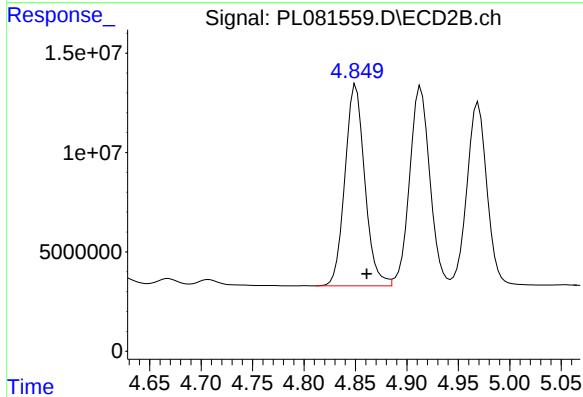
R.T.: 4.236 min
Delta R.T.: 0.004 min
Response: 686369
Conc: 6.70 ng/ml



#25 Chlordane-3

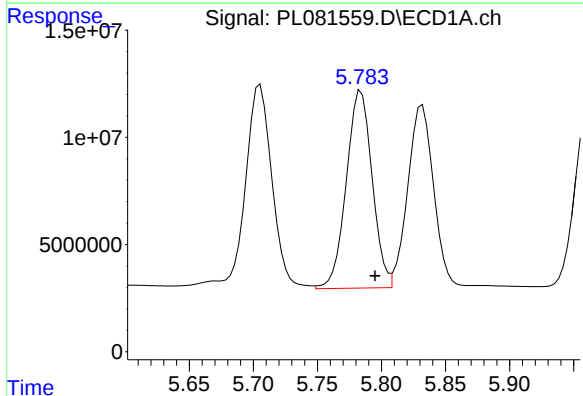
R.T.: 5.705 min
Delta R.T.: -0.009 min
Response: 144533420
Conc: 395.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



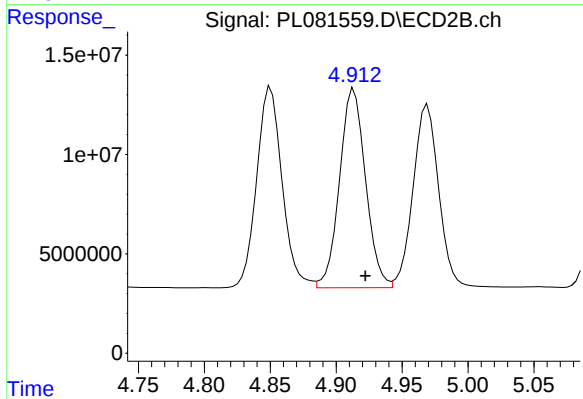
#25 Chlordane-3

R.T.: 4.851 min
Delta R.T.: -0.011 min
Response: 136058203
Conc: 503.43 ng/ml



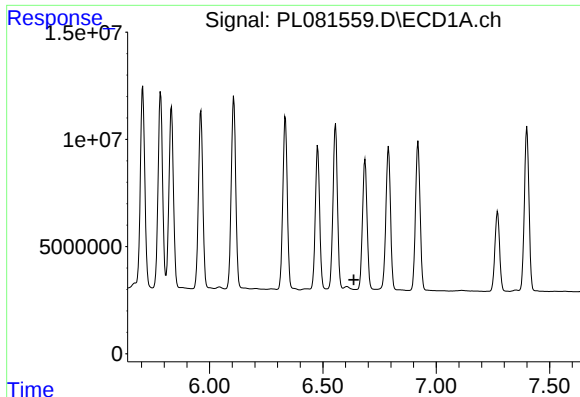
#26 Chlordane-4

R.T.: 5.784 min
Delta R.T.: -0.011 min
Response: 129437109
Conc: 294.49 ng/ml



#26 Chlordane-4

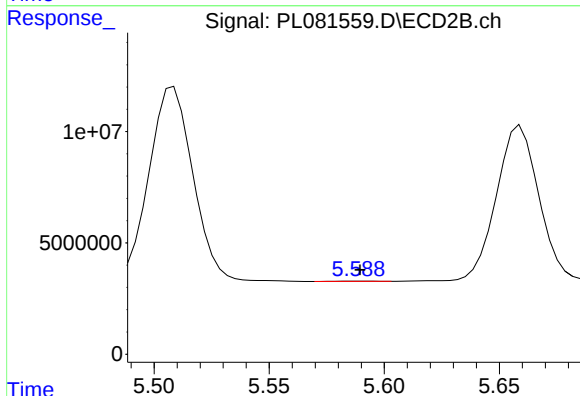
R.T.: 4.914 min
Delta R.T.: -0.009 min
Response: 137303696
Conc: 488.91 ng/ml



#27 Chlordane-5

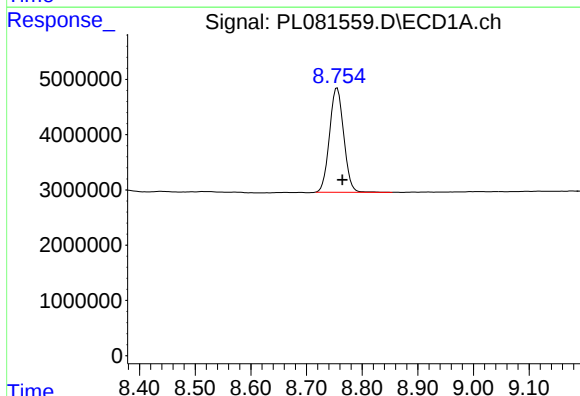
R.T.: 0.000 min
Exp R.T.: 6.636 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



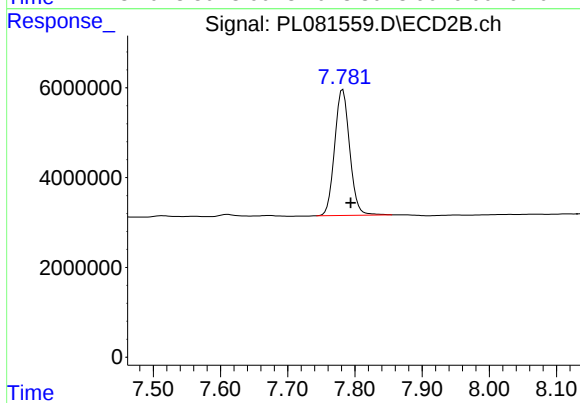
#27 Chlordane-5

R.T.: 5.588 min
Delta R.T.: -0.001 min
Response: 102398
Conc: 1.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.009 min
Response: 33431404
Conc: 21.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 43301549
Conc: 22.61 ng/ml