

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 16:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

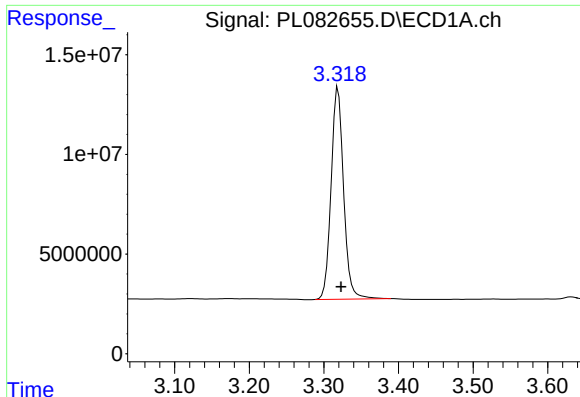
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:33:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.319	2.641	123.9E6	112.3E6	46.391	48.459
2)	SA Decachlor...	8.736	7.749	92345152	103.6E6	48.372	45.394
Target Compounds							
2)	A alpha-BHC	3.768	3.138	189.6E6	164.3E6	47.628	48.279
3)	MA gamma-BHC...	4.096	3.465	174.7E6	152.1E6	46.735	47.310
4)	MA Heptachlor	4.674	3.796	170.2E6	151.3E6	46.578	44.188
5)	MB Aldrin	5.011	4.073	158.8E6	150.3E6	48.142	47.725
6)	B beta-BHC	4.300	3.765	78454233	60165592	46.001	44.097
7)	B delta-BHC	4.541	3.991	174.0E6	150.0E6	48.372	48.896
8)	B Heptachlo...	5.437	4.574	145.0E6	136.6E6	47.539	47.400
9)	A Endosulfan I	5.817	4.941	132.5E6	128.4E6	47.771	48.114
10)	B gamma-Chl...	5.691	4.823	145.4E6	138.6E6	48.346	47.773
11)	B alpha-Chl...	5.769	4.886	142.4E6	137.9E6	47.717	47.510
12)	B 4,4'-DDE	5.947	5.076	126.4E6	113.7E6	49.713	49.441
13)	MA Dieldrin	6.092	5.205	134.0E6	125.7E6	48.564	46.540
14)	MA Endrin	6.319	5.480	108.0E6	102.6E6	44.559	41.930
15)	B Endosulfa...	6.541	5.776	110.8E6	108.5E6	45.505	48.154
16)	A 4,4'-DDD	6.464	5.631	109.5E6	101.4E6	54.009	54.222
17)	MA 4,4'-DDT	6.774	5.879	97992404	91983892	42.834	43.541
18)	B Endrin al...	6.672	5.956	90445344	88288241	48.003	47.178
19)	B Endosulfa...	6.906	6.178	114.8E6	112.4E6	48.409	47.754
20)	A Methoxychlor	7.255	6.457	50897726	47128683	41.708	38.890
21)	B Endrin ke...	7.385	6.683	121.4E6	116.1E6	50.689	45.738
22)	Mirex	7.849	6.854	92222912	93771908	47.141	40.695
23)	Chlordane-1	0.000	3.630	0	50224	N.D.	0.566 #
24)	Chlordane-2	5.011f	4.197	158.8E6	305988	1333.463	2.729 #
25)	Chlordane-3	5.691	4.823	145.4E6	138.6E6	336.734	487.941 #
26)	Chlordane-4	5.769	4.886	142.4E6	137.9E6	273.920	462.170 #
27)	Chlordane-5	0.000	5.776	0	108.5E6	N.D.	1099.609 #

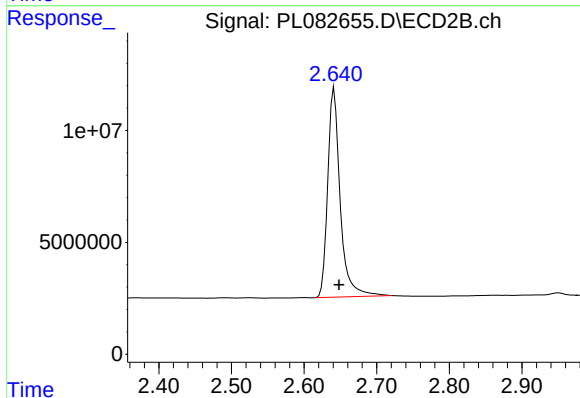
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

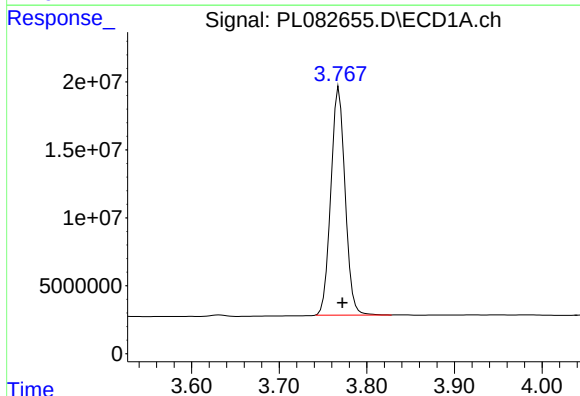
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 123921153
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



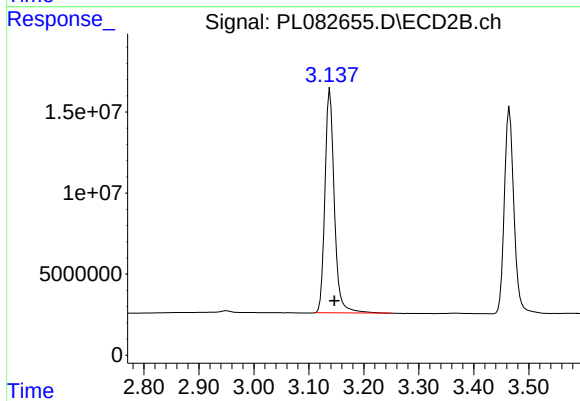
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 112267085
Conc: 48.46 ng/ml



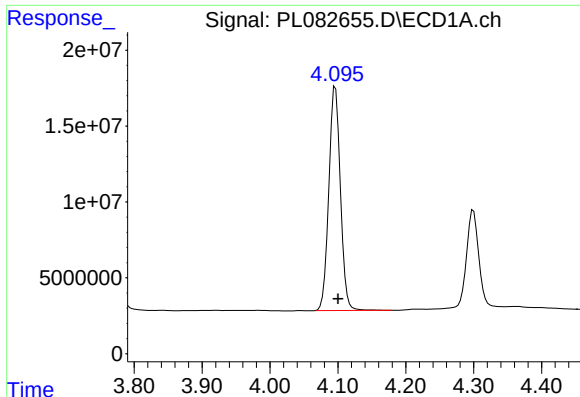
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 189572458
Conc: 47.63 ng/ml



#2 alpha-BHC

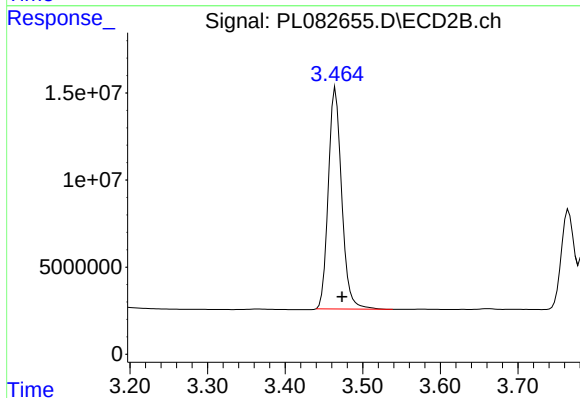
R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 164315636
Conc: 48.28 ng/ml



#3 gamma-BHC (Lindane)

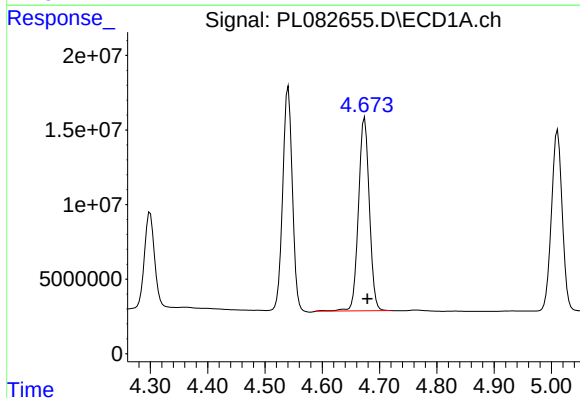
R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 174740771
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



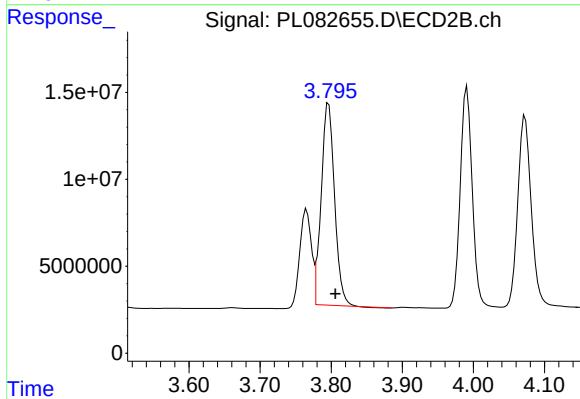
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 152115525
Conc: 47.31 ng/ml



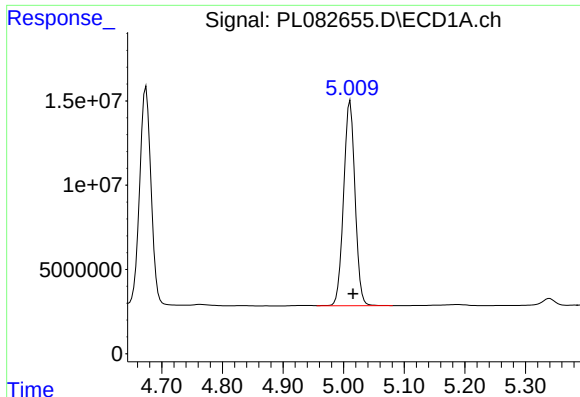
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 170191008
Conc: 46.58 ng/ml



#4 Heptachlor

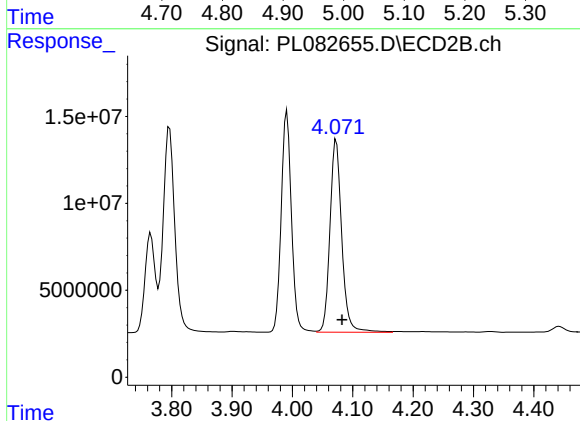
R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 151267390
Conc: 44.19 ng/ml



#5 Aldrin

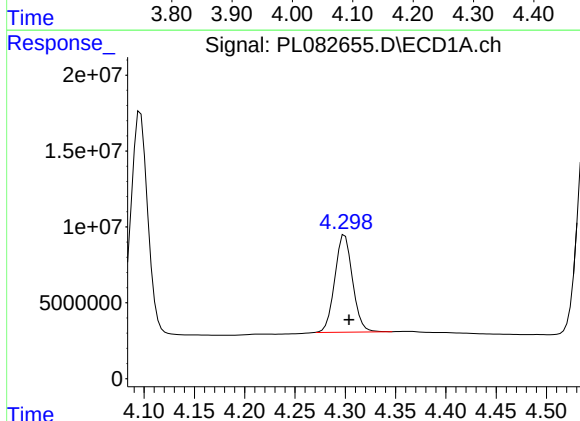
R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 158752066
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



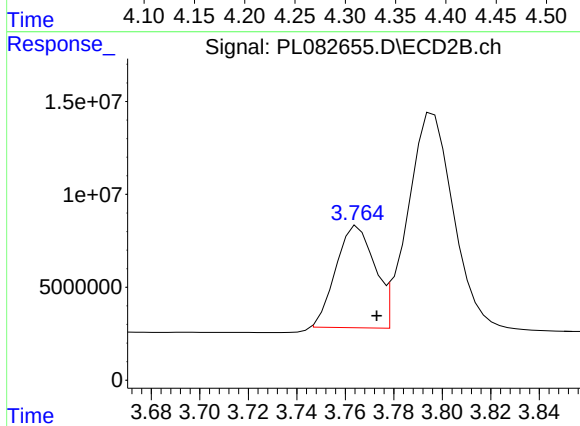
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.010 min
Response: 150325765
Conc: 47.72 ng/ml



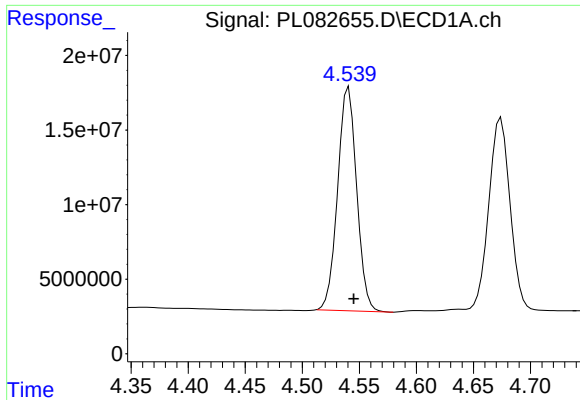
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 78454233
Conc: 46.00 ng/ml



#6 beta-BHC

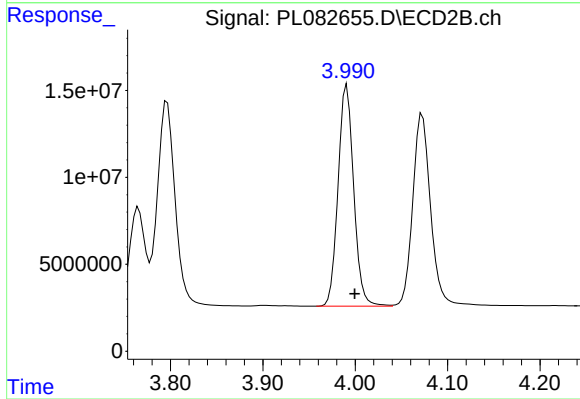
R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 60165592
Conc: 44.10 ng/ml



#7 delta-BHC

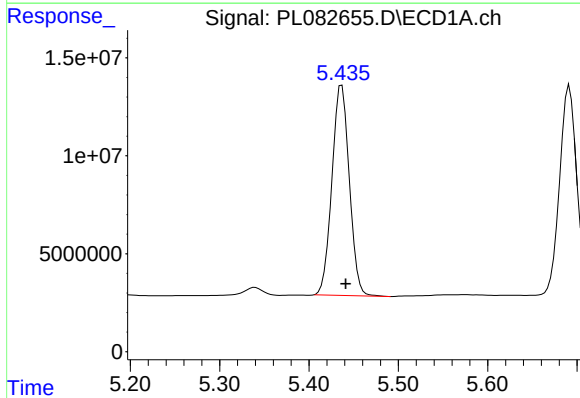
R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 174031375
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



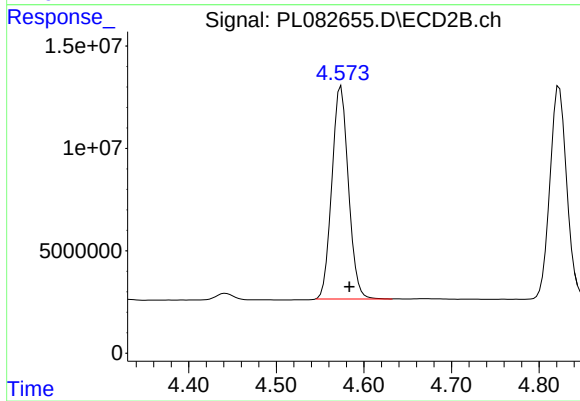
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 149981758
Conc: 48.90 ng/ml



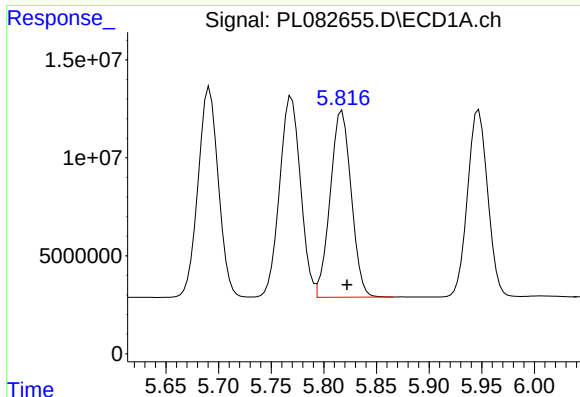
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 145011311
Conc: 47.54 ng/ml



#8 Heptachlor epoxide

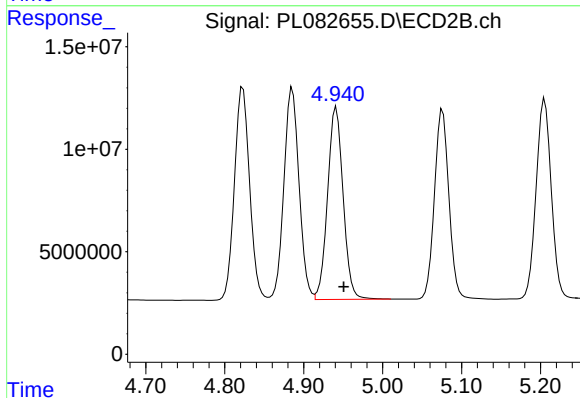
R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 136554779
Conc: 47.40 ng/ml



#9 Endosulfan I

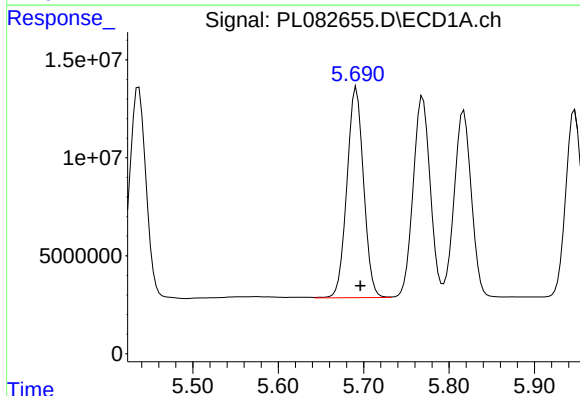
R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 132456540
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



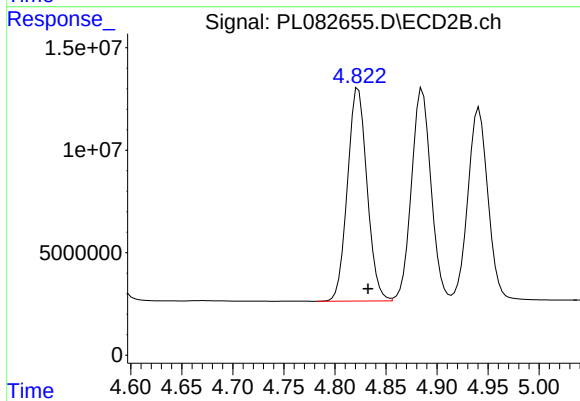
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 128437903
Conc: 48.11 ng/ml



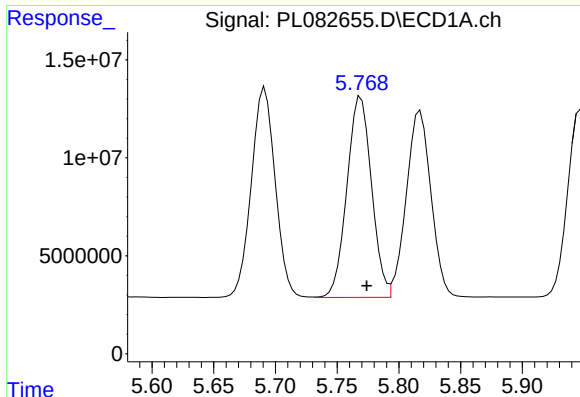
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 145369149
Conc: 48.35 ng/ml



#10 gamma-Chlordane

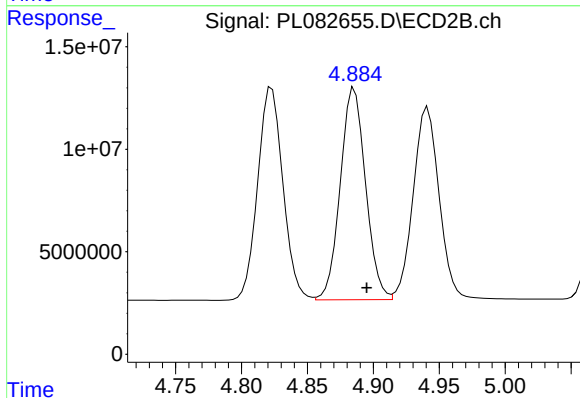
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 138628715
Conc: 47.77 ng/ml



#11 alpha-Chlordane

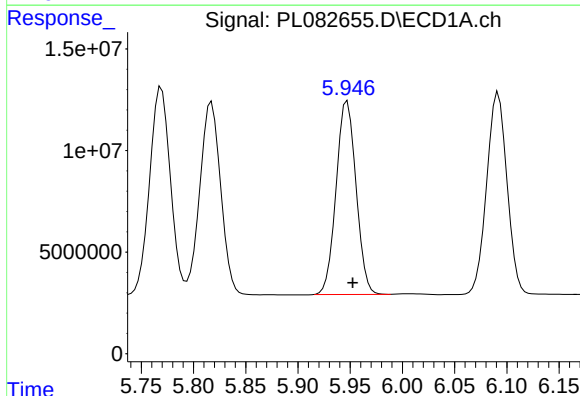
R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 142415378
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



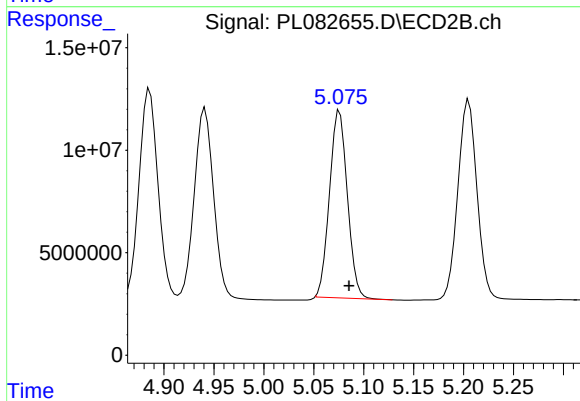
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 137914526
Conc: 47.51 ng/ml



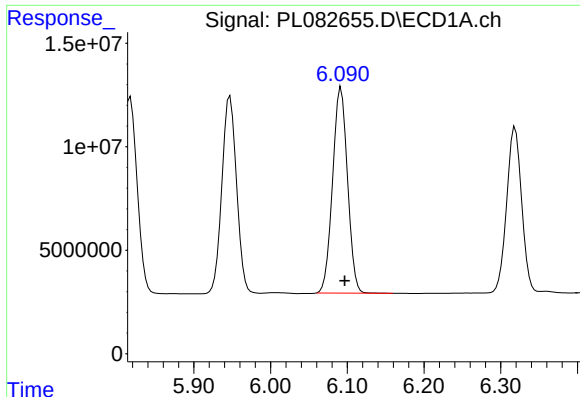
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 126372690
Conc: 49.71 ng/ml



#12 4,4'-DDE

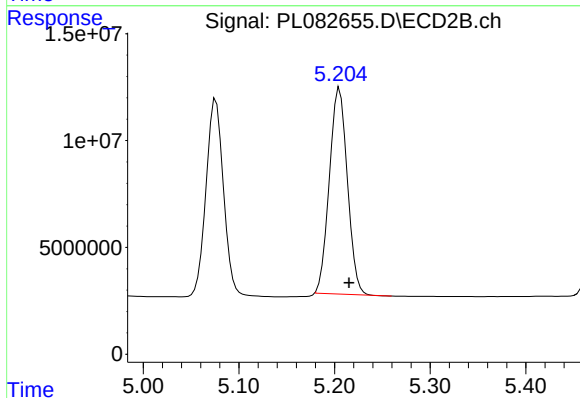
R.T.: 5.076 min
Delta R.T.: -0.010 min
Response: 113663193
Conc: 49.44 ng/ml



#13 Dieldrin

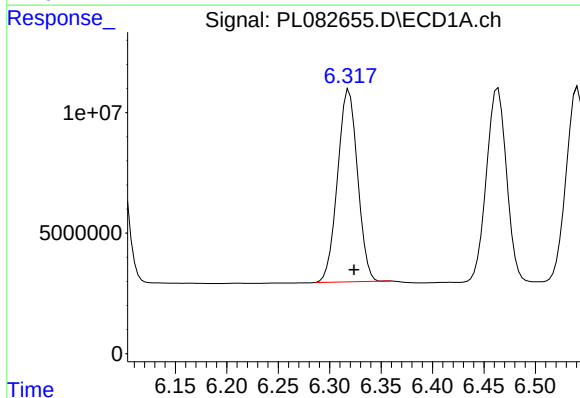
R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 133995574
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



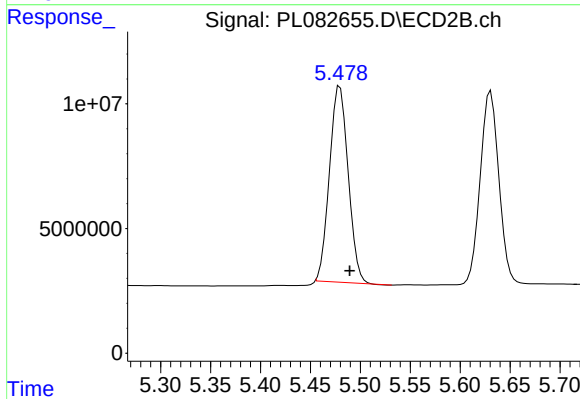
#13 Dieldrin

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 125674737
Conc: 46.54 ng/ml



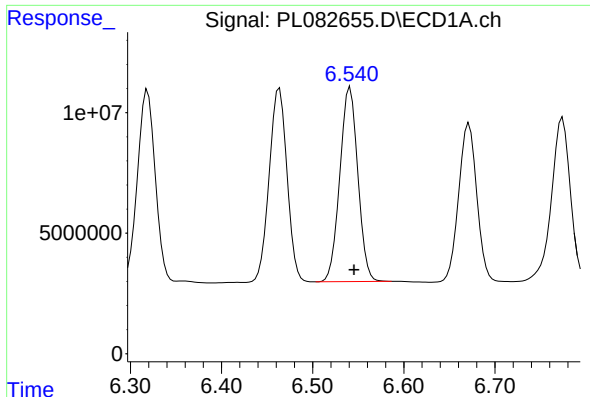
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 108036333
Conc: 44.56 ng/ml



#14 Endrin

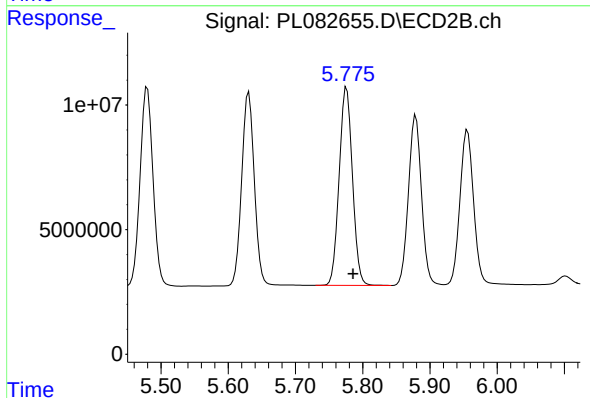
R.T.: 5.480 min
Delta R.T.: -0.010 min
Response: 102559858
Conc: 41.93 ng/ml



#15 Endosulfan II

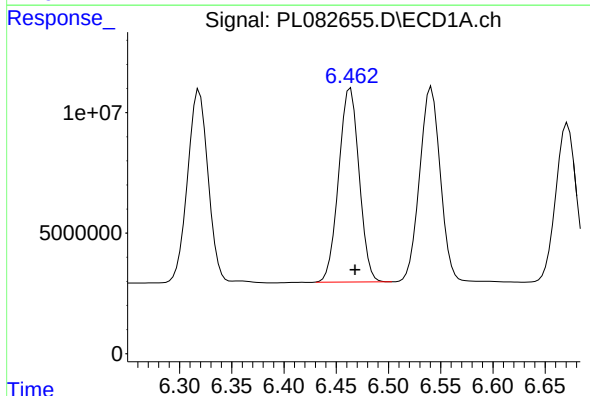
R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 110784370
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



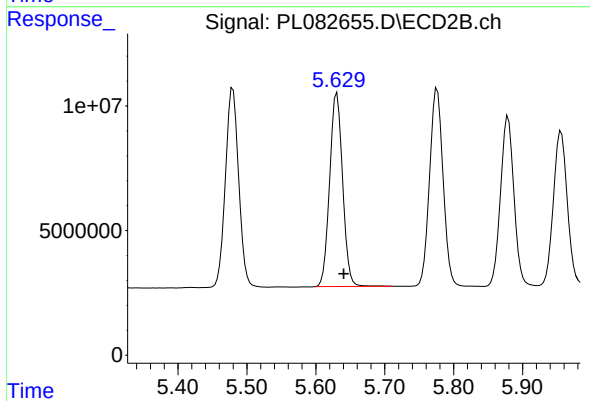
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 108545018
Conc: 48.15 ng/ml



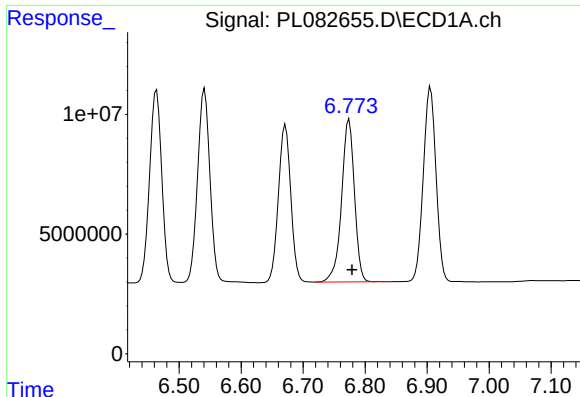
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 109486624
Conc: 54.01 ng/ml



#16 4,4'-DDD

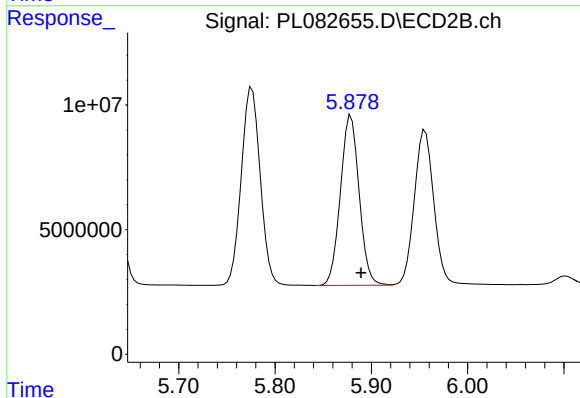
R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 101417513
Conc: 54.22 ng/ml



#17 4,4'-DDT

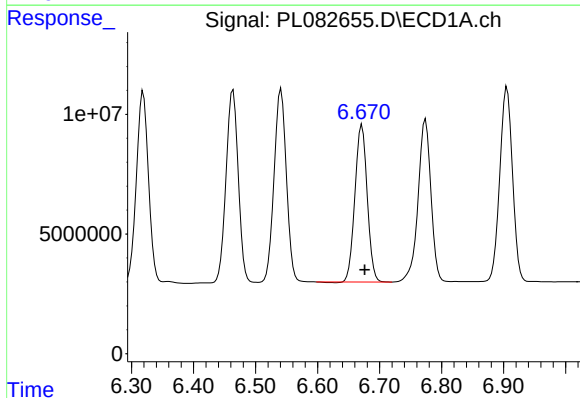
R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 97992404
Conc: 42.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



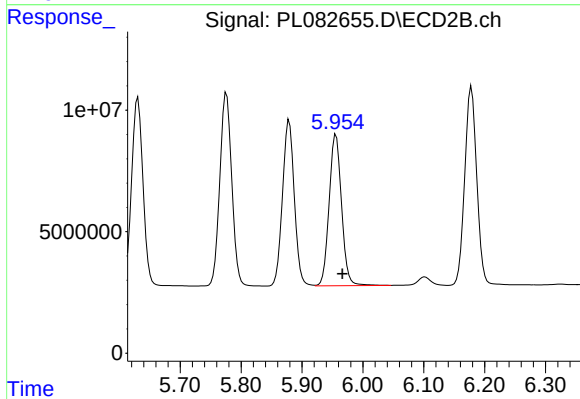
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 91983892
Conc: 43.54 ng/ml



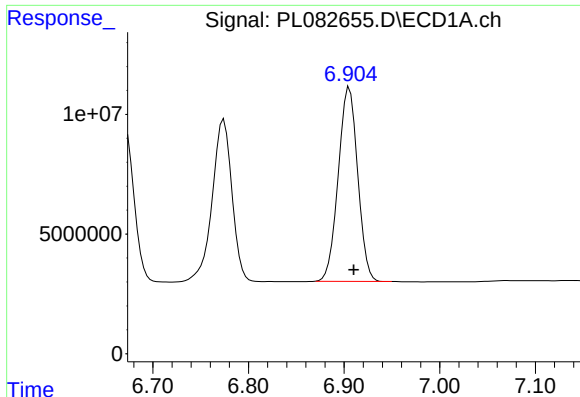
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 90445344
Conc: 48.00 ng/ml



#18 Endrin aldehyde

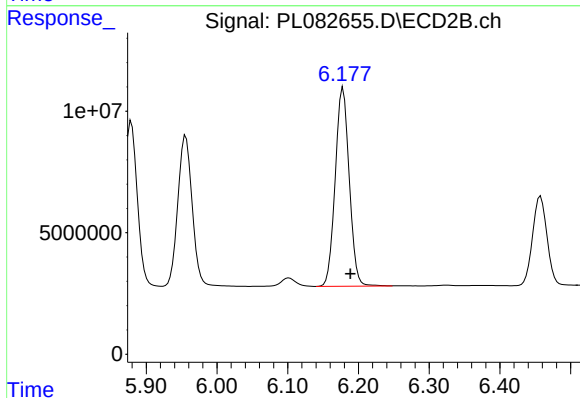
R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 88288241
Conc: 47.18 ng/ml



#19 Endosulfan Sulfate

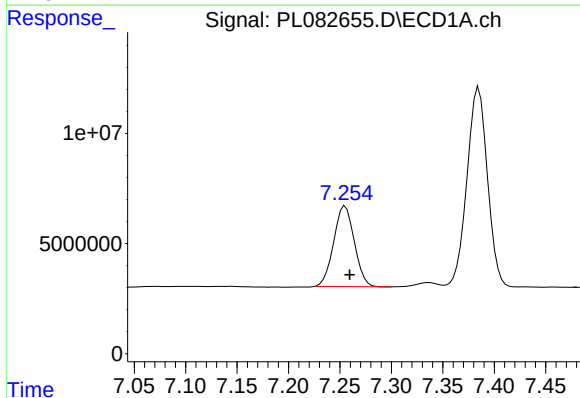
R.T.: 6.906 min
Delta R.T.: -0.005 min
Response: 114803872
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



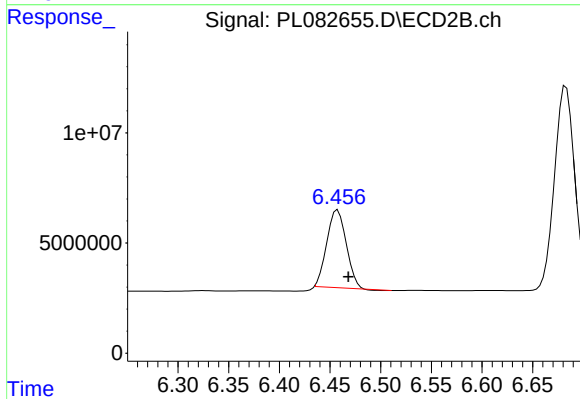
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 112425941
Conc: 47.75 ng/ml



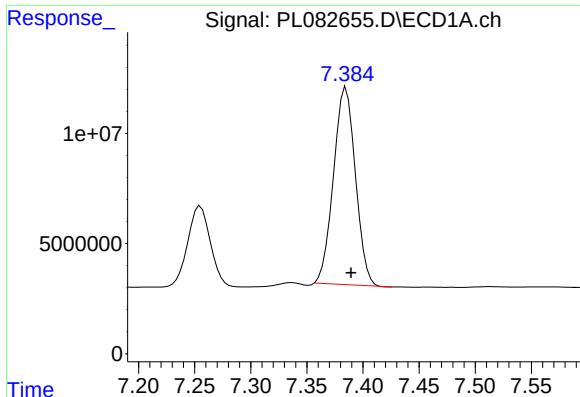
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 50897726
Conc: 41.71 ng/ml



#20 Methoxychlor

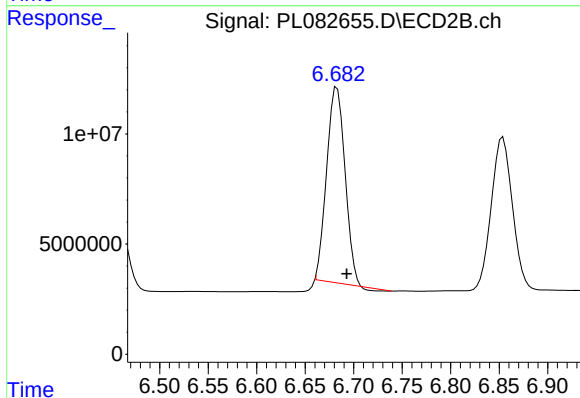
R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 47128683
Conc: 38.89 ng/ml



#21 Endrin ketone

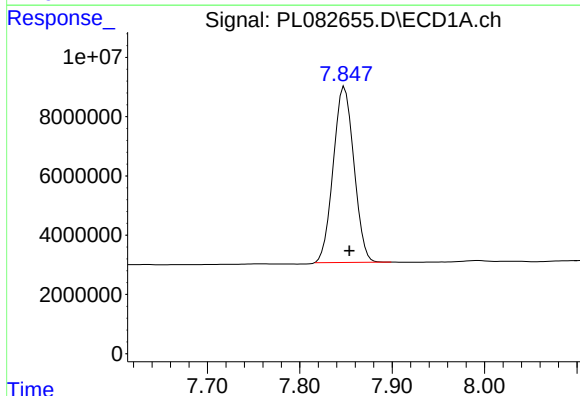
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 121369922
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



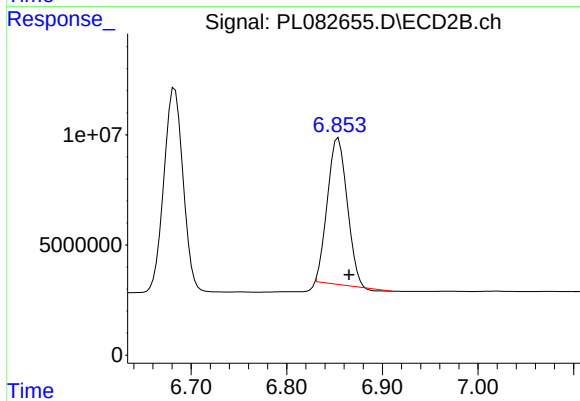
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 116092598
Conc: 45.74 ng/ml



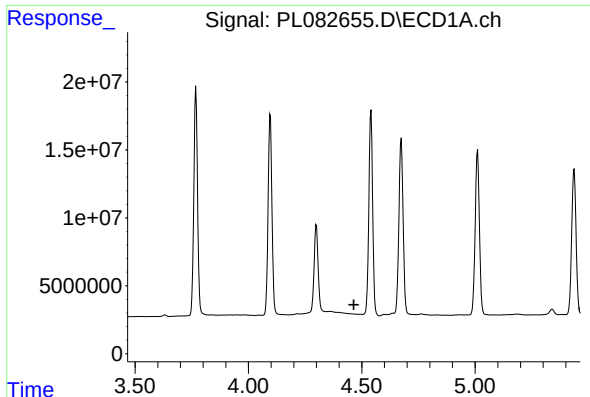
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 92222912
Conc: 47.14 ng/ml



#22 Mirex

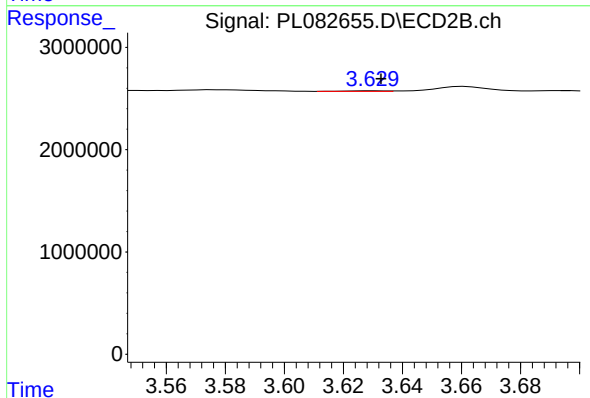
R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 93771908
Conc: 40.69 ng/ml



#23 Chlordane-1

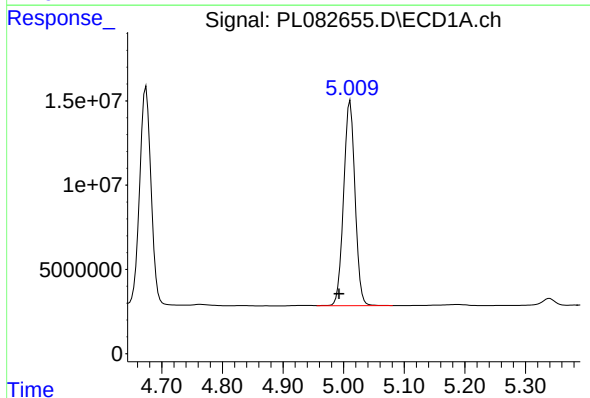
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



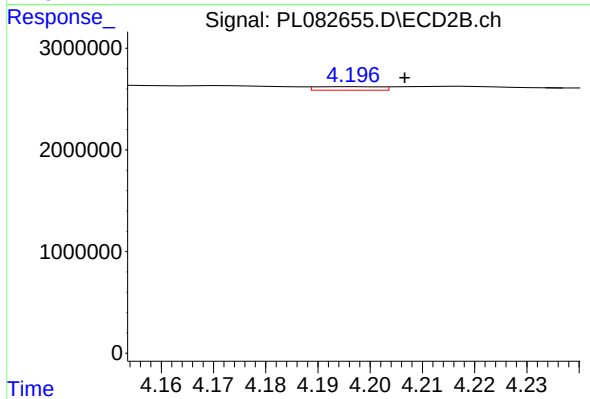
#23 Chlordane-1

R.T.: 3.630 min
Delta R.T.: -0.003 min
Response: 50224
Conc: 0.57 ng/ml



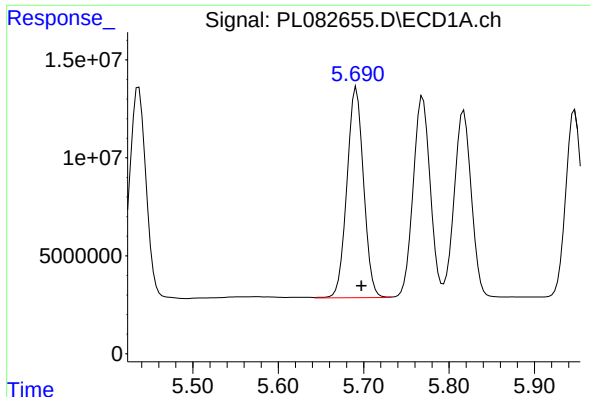
#24 Chlordane-2

R.T.: 5.011 min
Delta R.T.: 0.018 min
Response: 158752066
Conc: 1333.46 ng/ml



#24 Chlordane-2

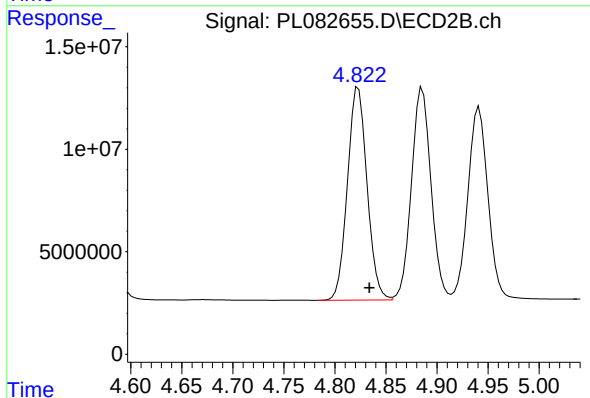
R.T.: 4.197 min
Delta R.T.: -0.009 min
Response: 305988
Conc: 2.73 ng/ml



#25 Chlordane-3

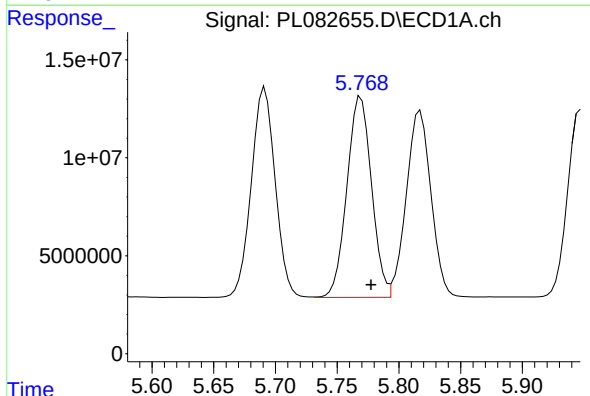
R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 145369149
Conc: 336.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



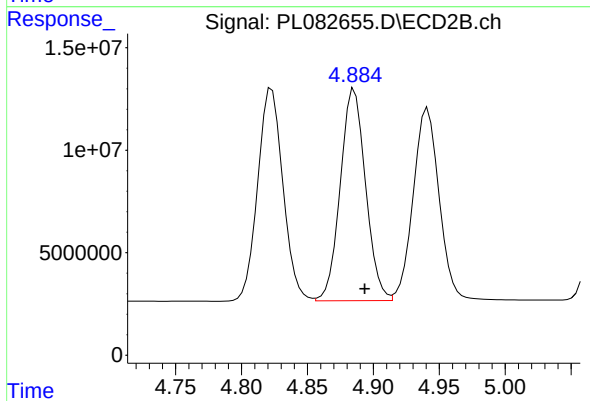
#25 Chlordane-3

R.T.: 4.823 min
Delta R.T.: -0.011 min
Response: 138628715
Conc: 487.94 ng/ml



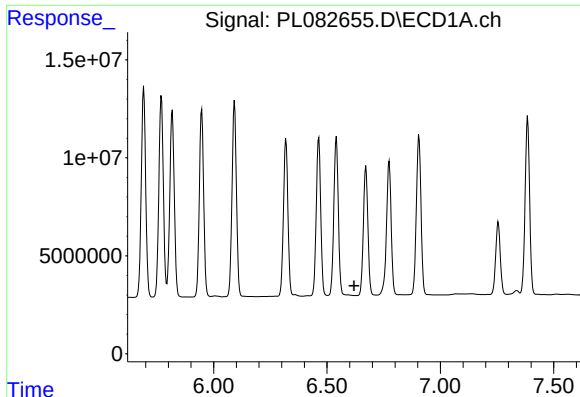
#26 Chlordane-4

R.T.: 5.769 min
Delta R.T.: -0.008 min
Response: 142415378
Conc: 273.92 ng/ml



#26 Chlordane-4

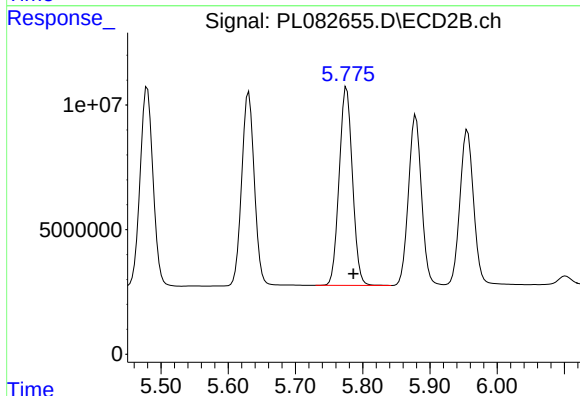
R.T.: 4.886 min
Delta R.T.: -0.008 min
Response: 137914526
Conc: 462.17 ng/ml



#27 Chlordane-5

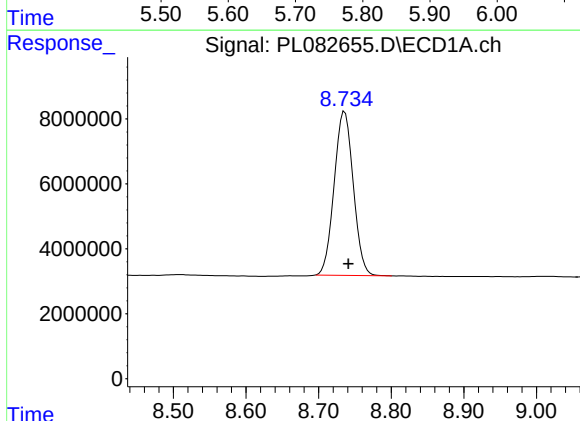
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



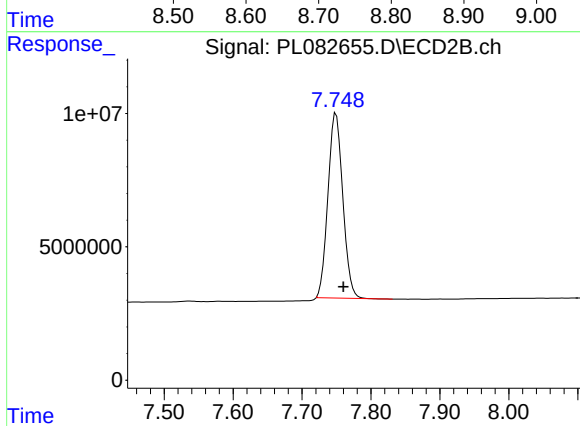
#27 Chlordane-5

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 108545018
Conc: 1099.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 92345152
Conc: 48.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 103612761
Conc: 45.39 ng/ml