

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 15:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

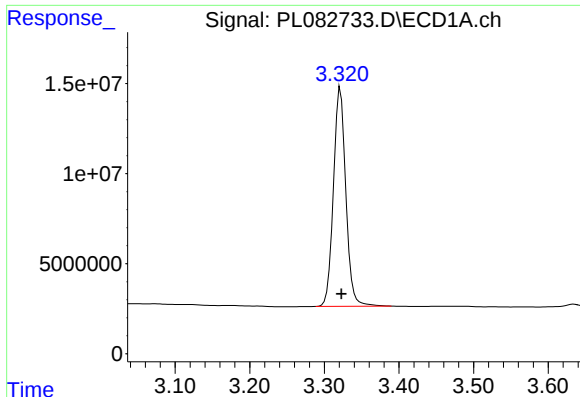
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 21:45:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.322	2.643	140.6E6	114.5E6	52.647	49.421
28)	SA Decachlor...	8.745	7.754	95396470	100.4E6	49.970	43.987
Target Compounds							
2)	A alpha-BHC	3.771	3.139	212.9E6	164.3E6	53.481	48.265
3)	MA gamma-BHC...	4.099	3.466	198.2E6	152.3E6	53.013	47.381
4)	MA Heptachlor	4.678	3.798	190.0E6	154.2E6	52.001	45.032
5)	MB Aldrin	5.015	4.074	172.6E6	148.2E6	52.352	47.047
6)	B beta-BHC	4.303	3.766	86154928	62673741	50.516	45.935
7)	B delta-BHC	4.544	3.992	189.6E6	148.2E6	52.693	48.302
8)	B Heptachlo...	5.441	4.576	157.5E6	131.4E6	51.643	45.624
9)	A Endosulfan I	5.822	4.943	142.0E6	122.6E6	51.222	45.943
10)	B gamma-Chl...	5.696	4.825	157.7E6	133.4E6	52.461	45.959
11)	B alpha-Chl...	5.774	4.888	153.6E6	132.7E6	51.453	45.720
12)	B 4,4'-DDE	5.953	5.078	136.0E6	111.8E6	53.482	48.611
13)	MA Dieldrin	6.097	5.208	143.8E6	122.8E6	52.128	45.475
14)	MA Endrin	6.324	5.482	123.9E6	109.0E6	51.093	44.569
15)	B Endosulfa...	6.547	5.779	115.0E6	103.7E6	47.241	45.998
16)	A 4,4'-DDD	6.469	5.633	109.2E6	93811403	53.865	50.156
17)	MA 4,4'-DDT	6.781	5.882	113.8E6	98129205	49.764	46.450
18)	B Endrin al...	6.677	5.959	95407295	84792921	50.636	45.310
19)	B Endosulfa...	6.911	6.182	118.6E6	106.6E6	50.025	45.297
20)	A Methoxychlor	7.261	6.461	60180566	54301378	49.315	44.809
21)	B Endrin ke...	7.391	6.687	121.0E6	113.2E6	50.517	44.585
22)	Mirex	7.856	6.858	94594835	96883139	48.353	42.045
23)	Chlordane-1	0.000	3.663f	0	672152	N.D.	7.579 #
24)	Chlordane-2	5.015f	4.217	172.6E6	2282627	1450.086	20.355 #
25)	Chlordane-3	5.696	4.825	157.7E6	133.4E6	365.397	469.420 #
26)	Chlordane-4	5.774	4.888	153.6E6	132.7E6	295.369	444.750 #
27)	Chlordane-5	0.000	5.779	0	103.7E6	N.D.	1050.379 #

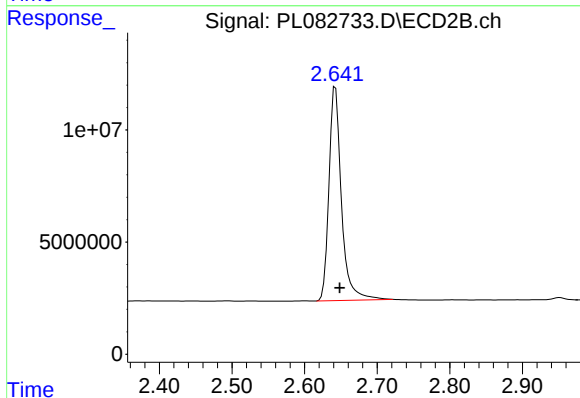
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

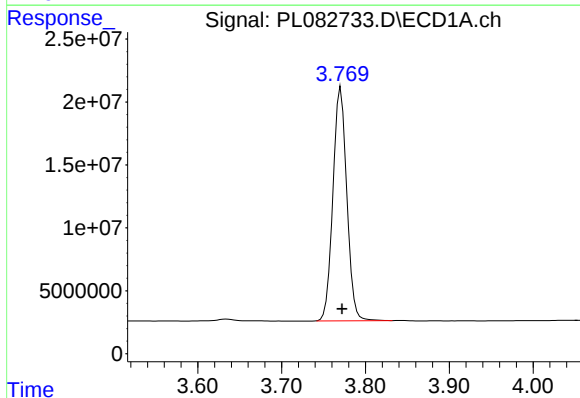
R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 140631795
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



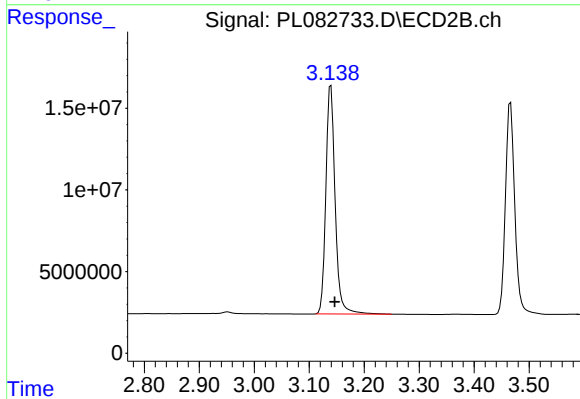
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 114494661
Conc: 49.42 ng/ml



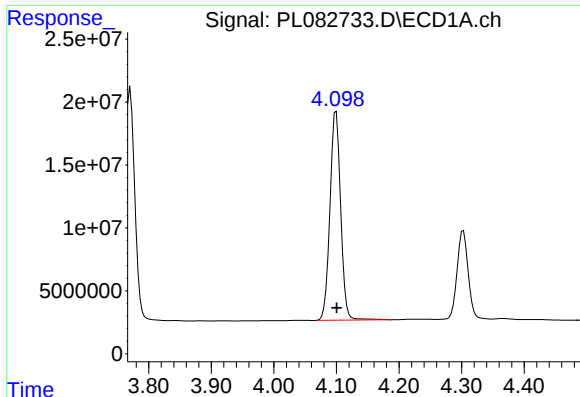
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 212867040
Conc: 53.48 ng/ml



#2 alpha-BHC

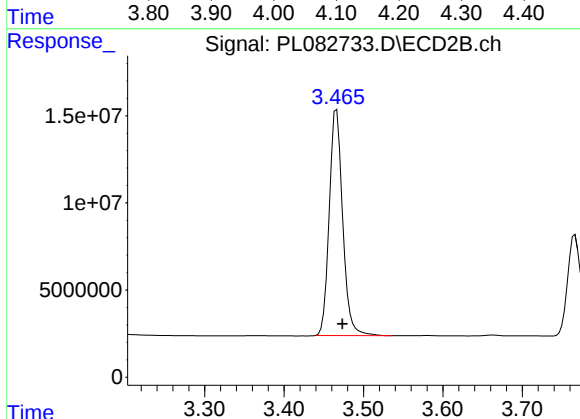
R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 164267732
Conc: 48.26 ng/ml



#3 gamma-BHC (Lindane)

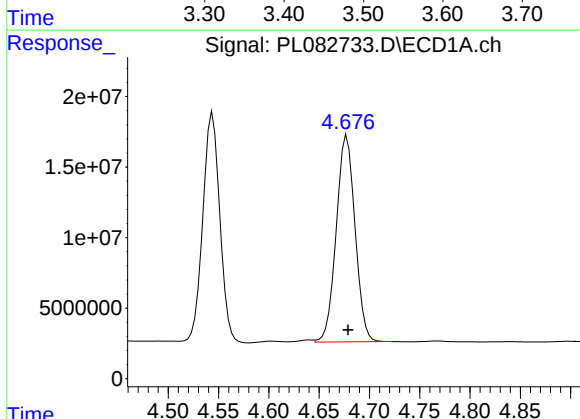
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 198212667
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



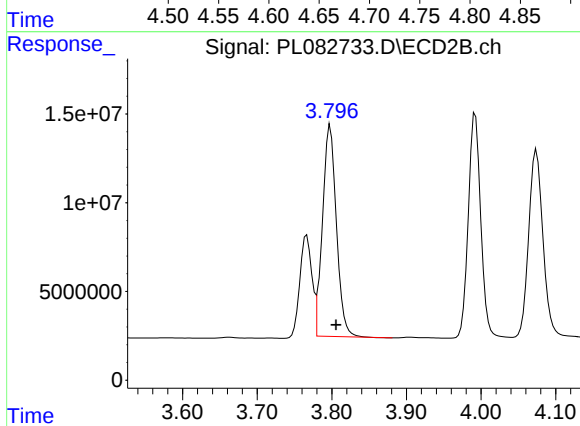
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 152344336
Conc: 47.38 ng/ml



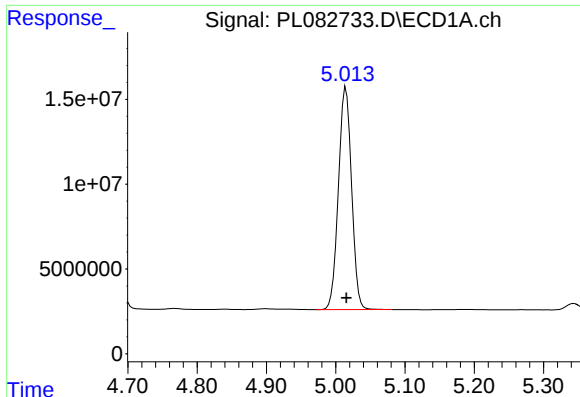
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: -0.001 min
Response: 190008107
Conc: 52.00 ng/ml



#4 Heptachlor

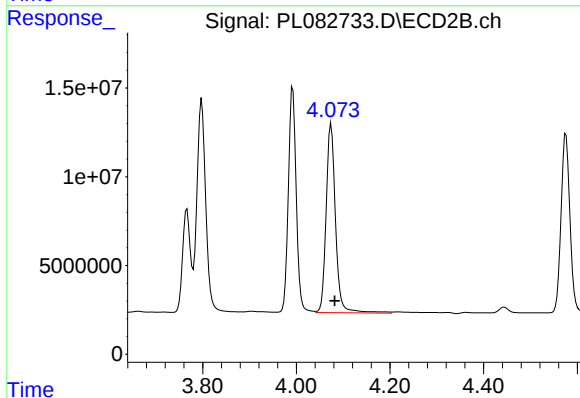
R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 154155281
Conc: 45.03 ng/ml



#5 Aldrin

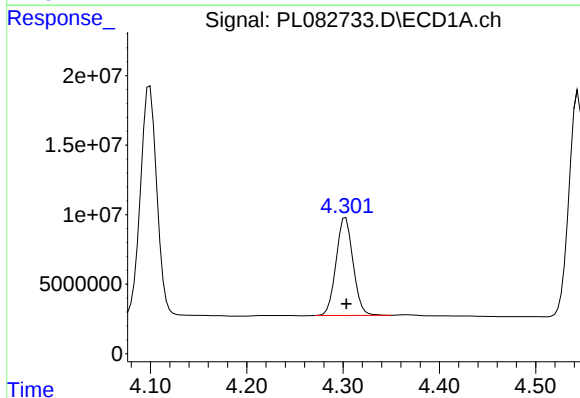
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 172636270
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



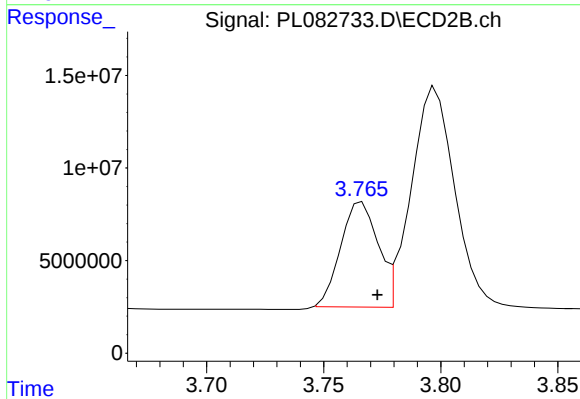
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 148190734
Conc: 47.05 ng/ml



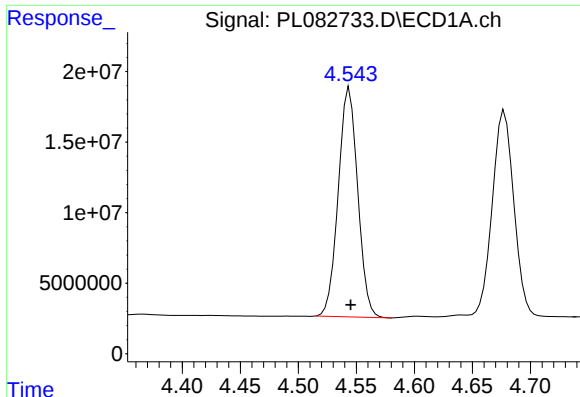
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 86154928
Conc: 50.52 ng/ml



#6 beta-BHC

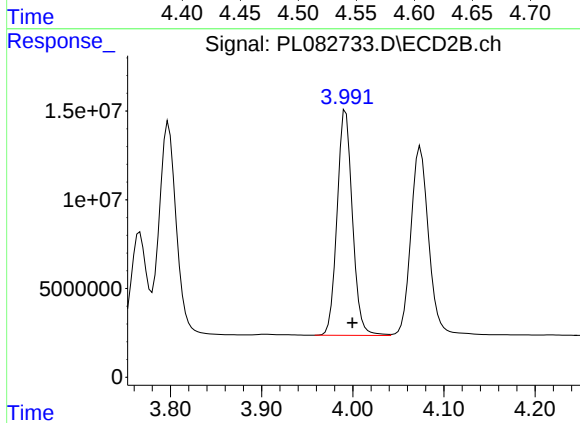
R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 62673741
Conc: 45.93 ng/ml



#7 delta-BHC

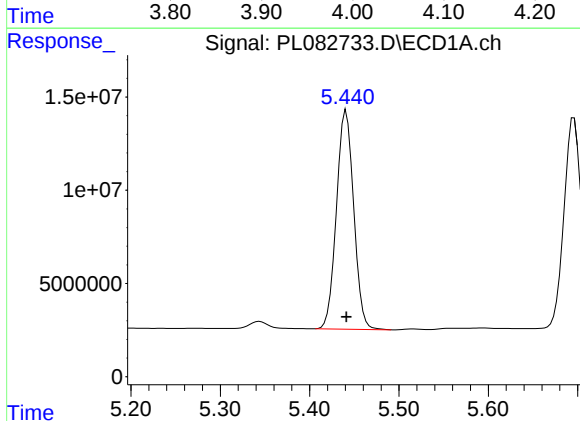
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 189577556
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



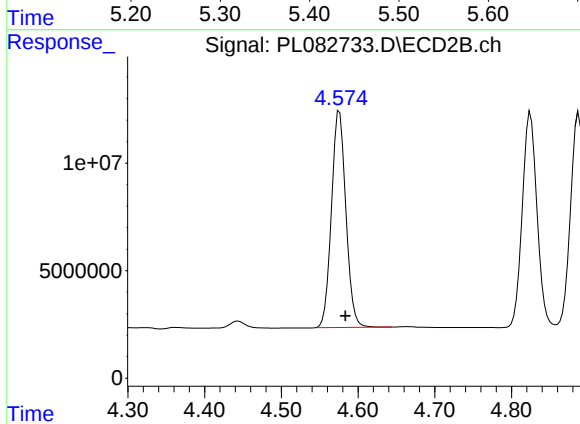
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 148162213
Conc: 48.30 ng/ml



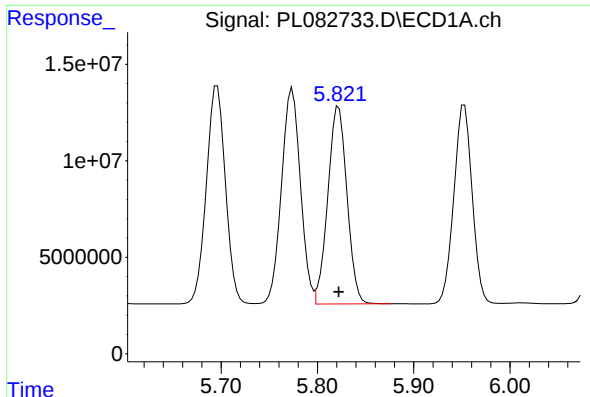
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 157527905
Conc: 51.64 ng/ml



#8 Heptachlor epoxide

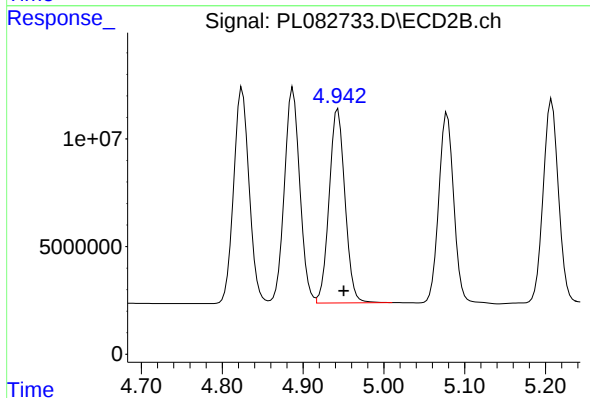
R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 131438905
Conc: 45.62 ng/ml



#9 Endosulfan I

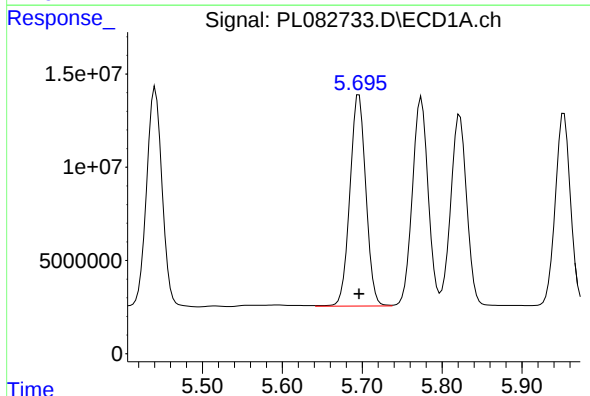
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 142024493
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



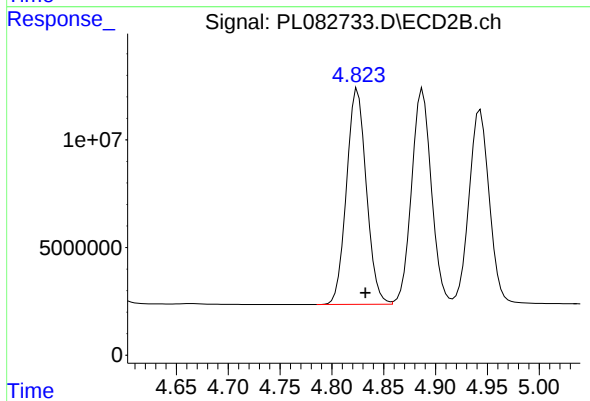
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.007 min
Response: 122640894
Conc: 45.94 ng/ml



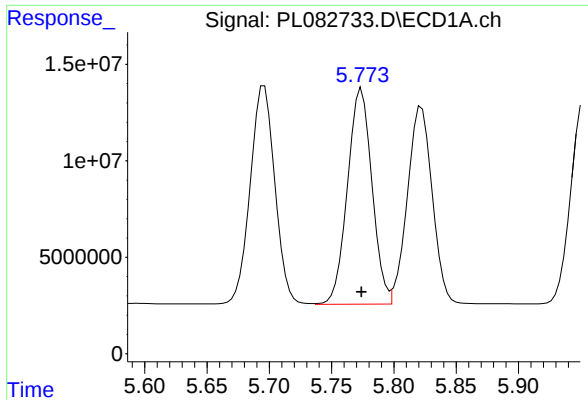
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 157743034
Conc: 52.46 ng/ml



#10 gamma-Chlordane

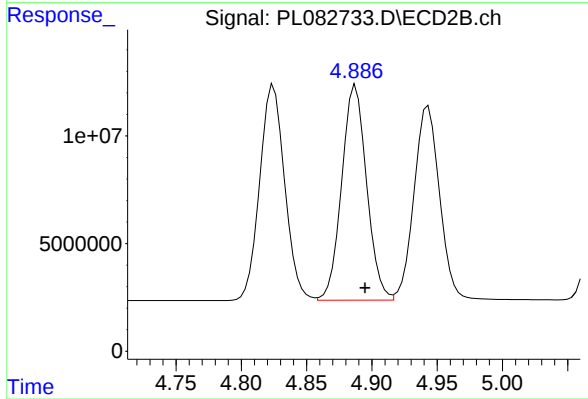
R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 133366848
Conc: 45.96 ng/ml



#11 alpha-Chlordane

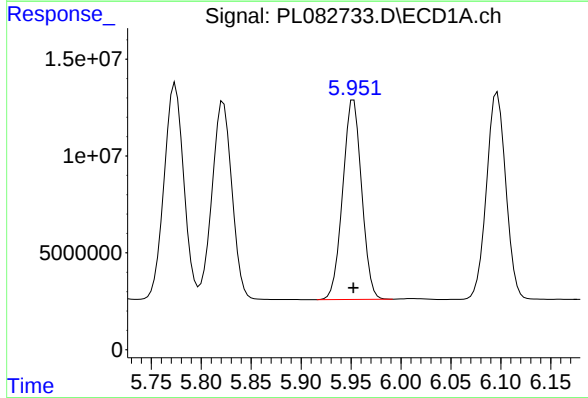
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 153566952
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



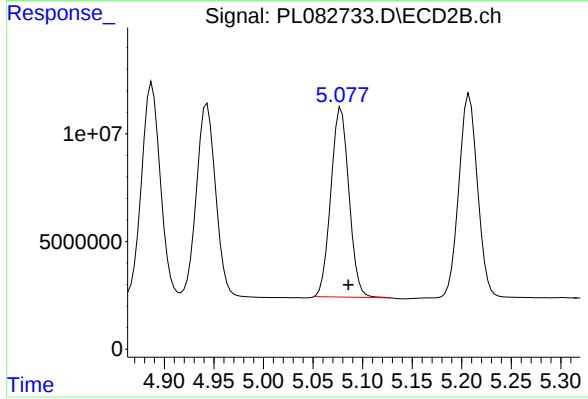
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 132716283
Conc: 45.72 ng/ml



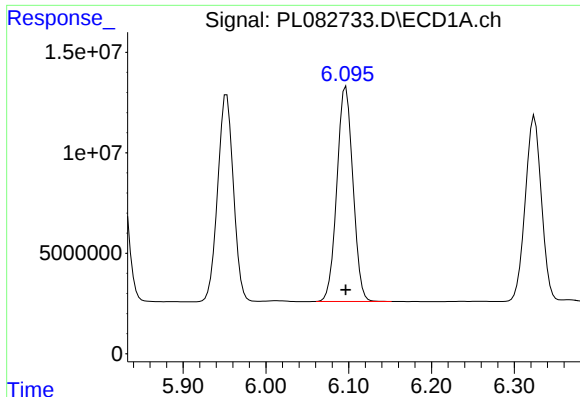
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 135953400
Conc: 53.48 ng/ml



#12 4,4'-DDE

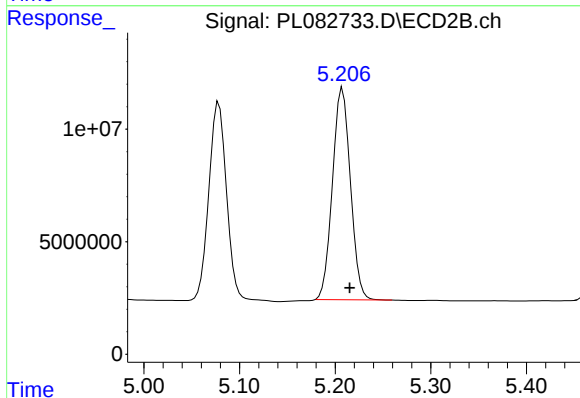
R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 111754196
Conc: 48.61 ng/ml



#13 Dieldrin

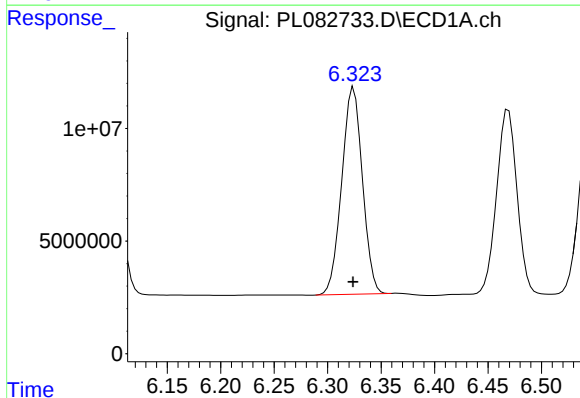
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 143827915
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



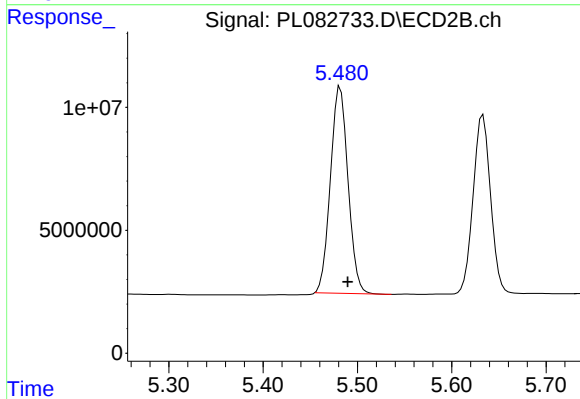
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 122798995
Conc: 45.47 ng/ml



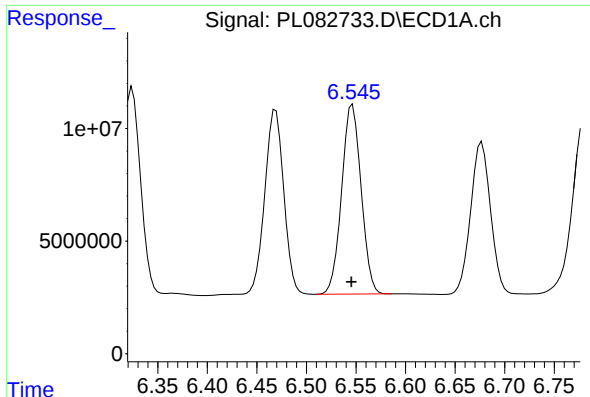
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 123876544
Conc: 51.09 ng/ml



#14 Endrin

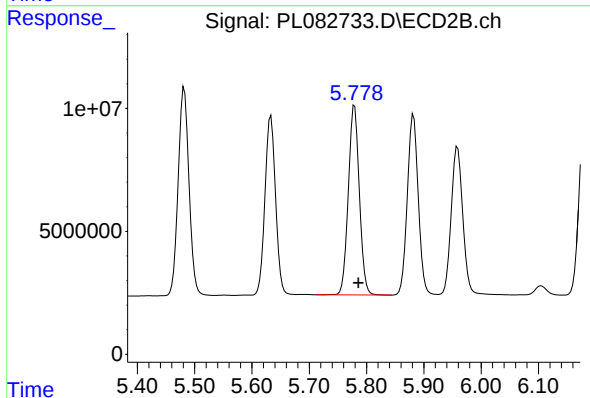
R.T.: 5.482 min
Delta R.T.: -0.008 min
Response: 109014104
Conc: 44.57 ng/ml



#15 Endosulfan II

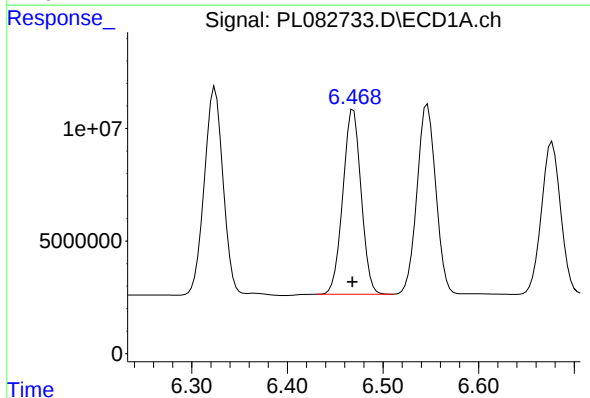
R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 115011116
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



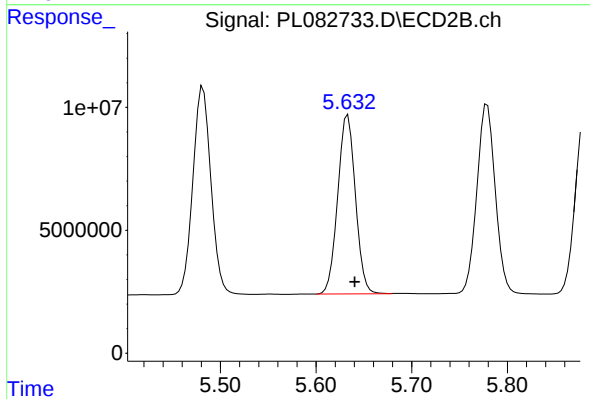
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 103685411
Conc: 46.00 ng/ml



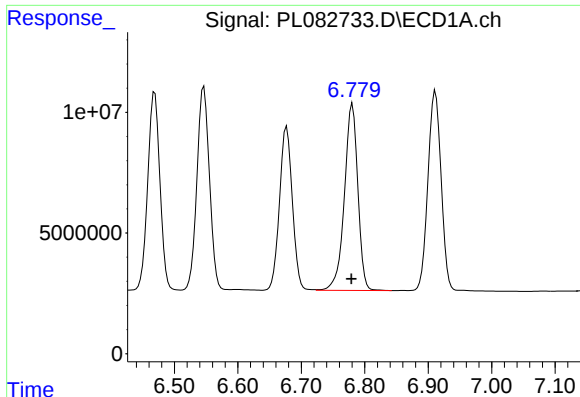
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 109195271
Conc: 53.87 ng/ml



#16 4,4'-DDD

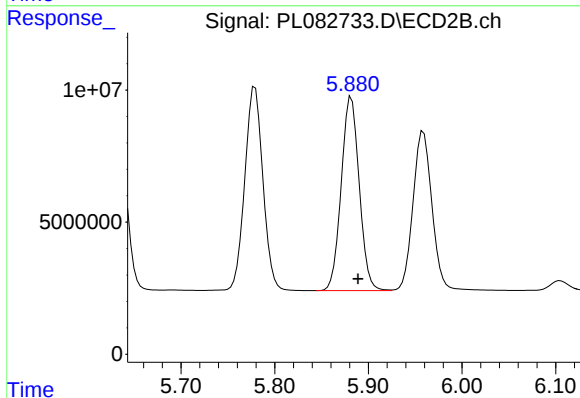
R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 93811403
Conc: 50.16 ng/ml



#17 4,4'-DDT

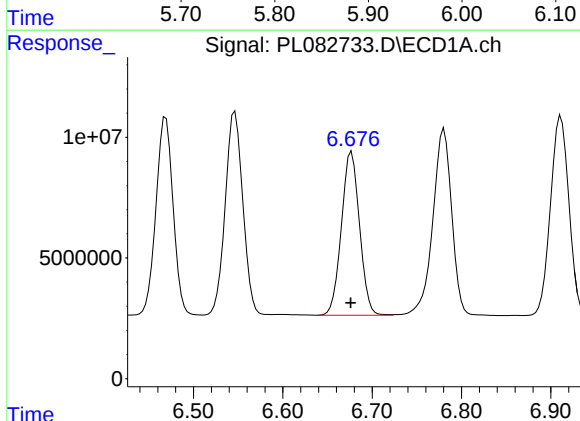
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 113844869
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



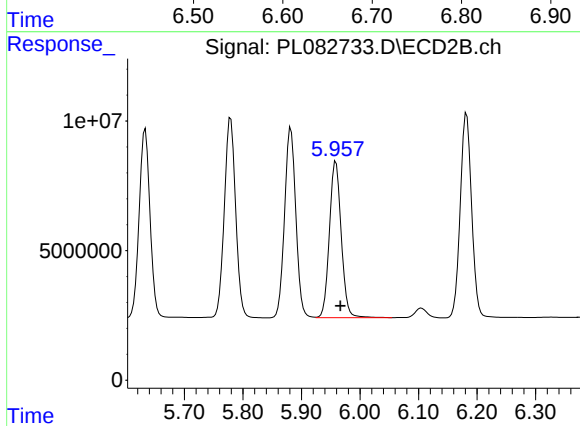
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 98129205
Conc: 46.45 ng/ml



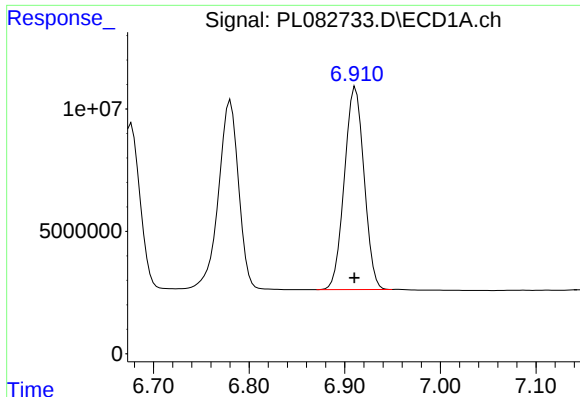
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 95407295
Conc: 50.64 ng/ml



#18 Endrin aldehyde

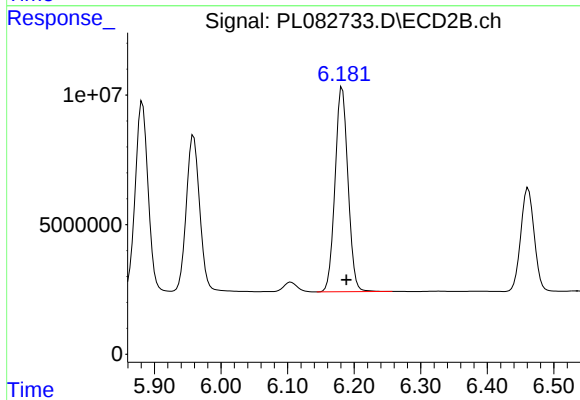
R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 84792921
Conc: 45.31 ng/ml



#19 Endosulfan Sulfate

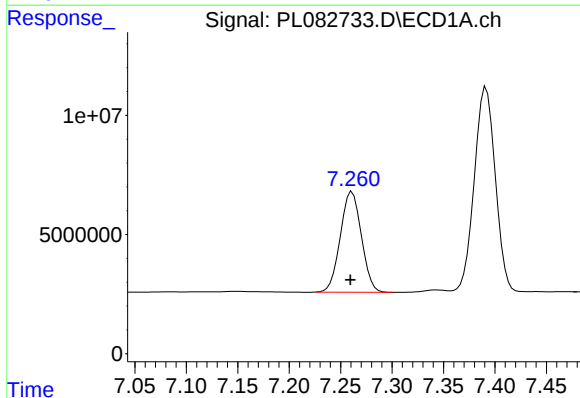
R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 118637143
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



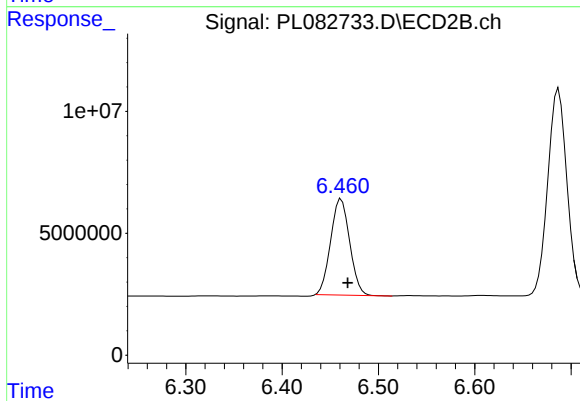
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 106640750
Conc: 45.30 ng/ml



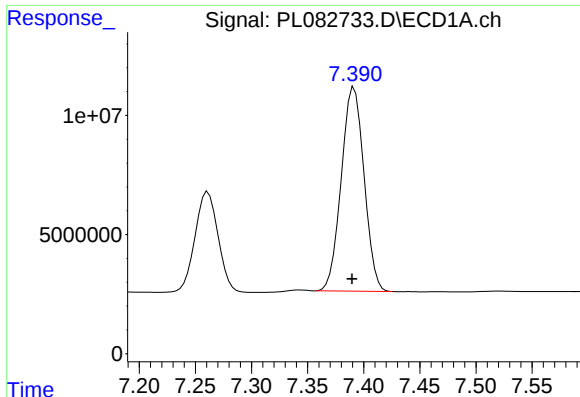
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 60180566
Conc: 49.31 ng/ml



#20 Methoxychlor

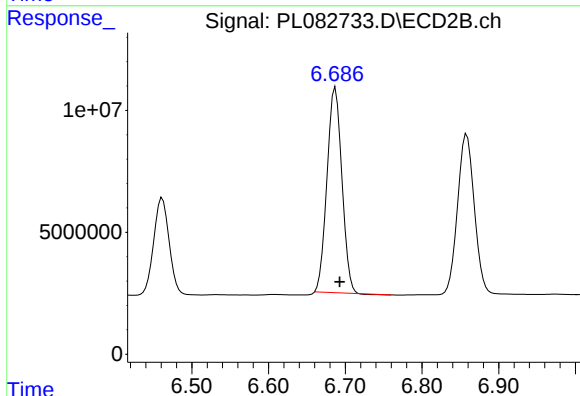
R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 54301378
Conc: 44.81 ng/ml



#21 Endrin ketone

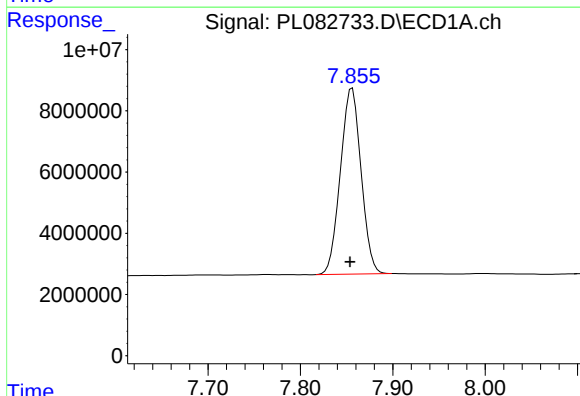
R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 120957706
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



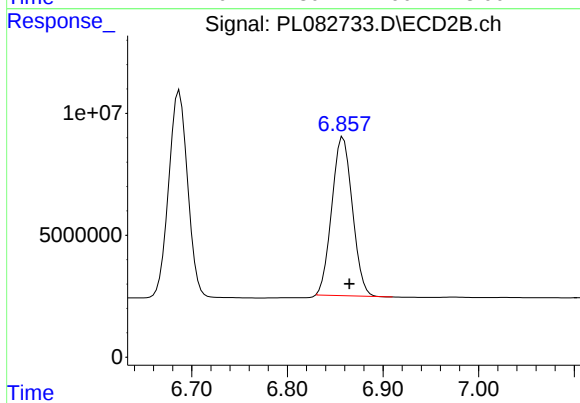
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 113165397
Conc: 44.59 ng/ml



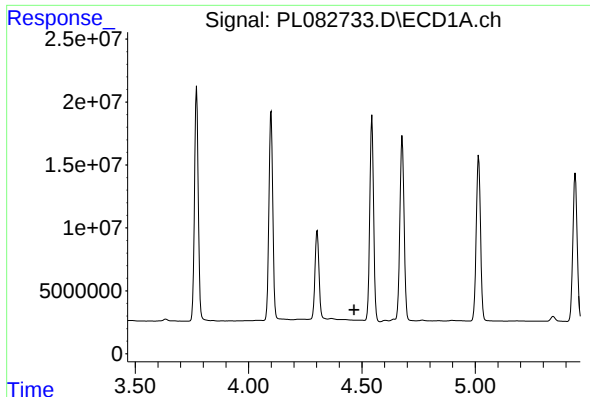
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 94594835
Conc: 48.35 ng/ml



#22 Mirex

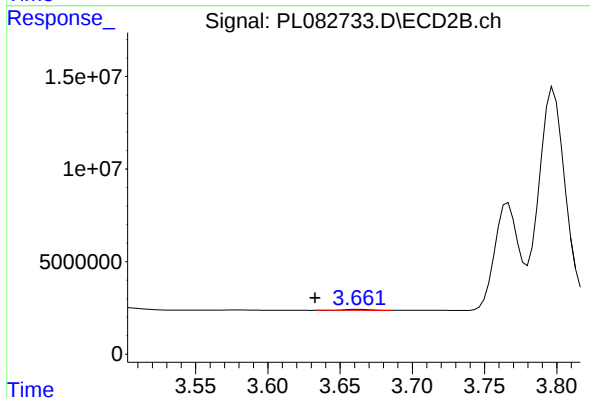
R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 96883139
Conc: 42.05 ng/ml



#23 Chlordane-1

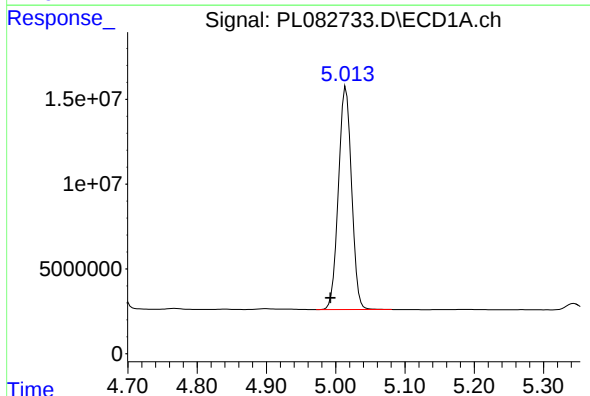
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



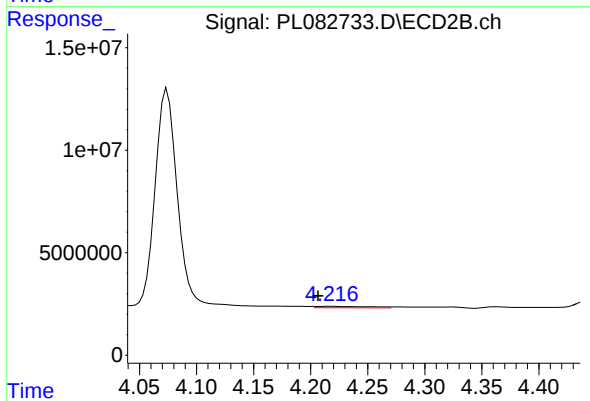
#23 Chlordane-1

R.T.: 3.663 min
Delta R.T.: 0.030 min
Response: 672152
Conc: 7.58 ng/ml



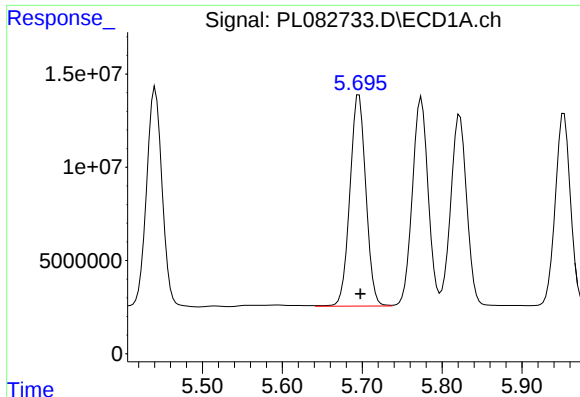
#24 Chlordane-2

R.T.: 5.015 min
Delta R.T.: 0.022 min
Response: 172636270
Conc: 1450.09 ng/ml



#24 Chlordane-2

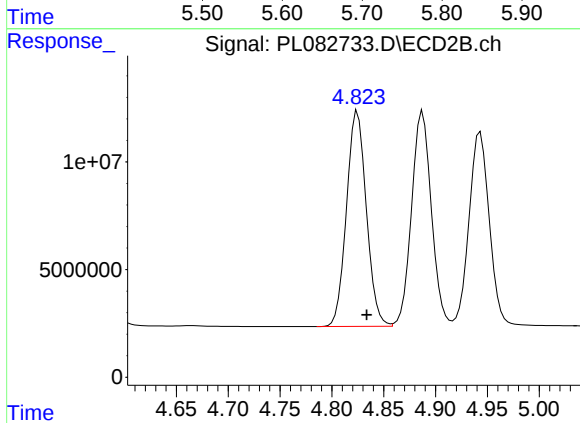
R.T.: 4.217 min
Delta R.T.: 0.010 min
Response: 2282627
Conc: 20.35 ng/ml



#25 Chlordane-3

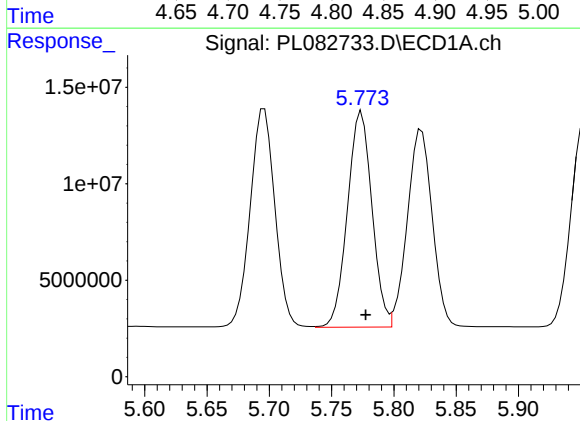
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 157743034
Conc: 365.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



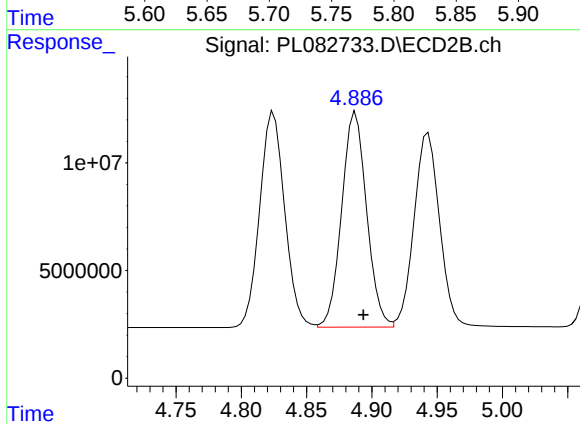
#25 Chlordane-3

R.T.: 4.825 min
Delta R.T.: -0.009 min
Response: 133366848
Conc: 469.42 ng/ml



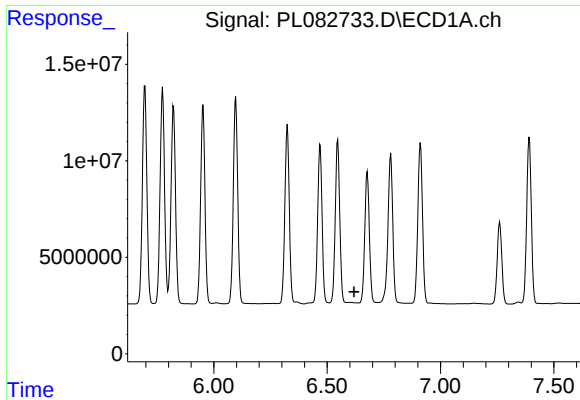
#26 Chlordane-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 153566952
Conc: 295.37 ng/ml



#26 Chlordane-4

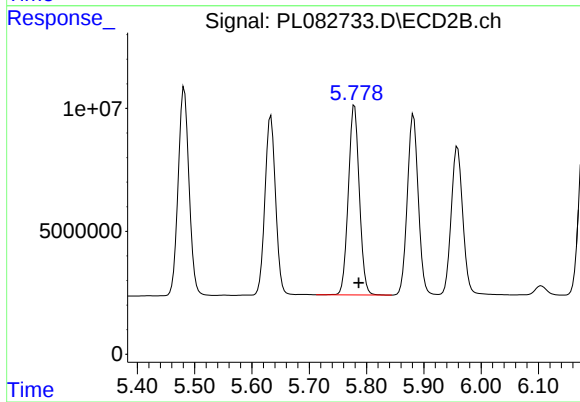
R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 132716283
Conc: 444.75 ng/ml



#27 Chlordane-5

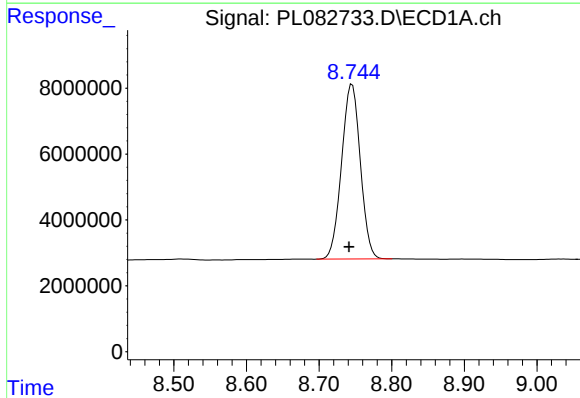
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



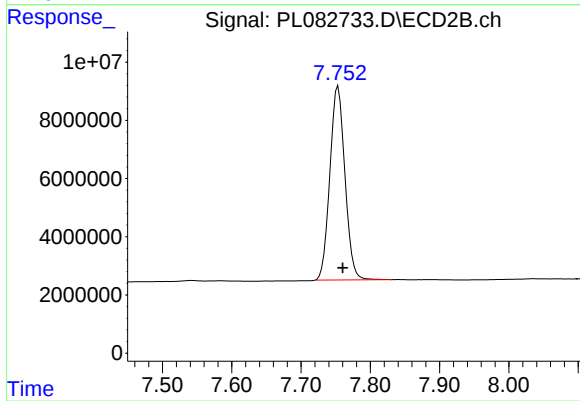
#27 Chlordane-5

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 103685411
Conc: 1050.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 95396470
Conc: 49.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 100400300
Conc: 43.99 ng/ml