

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 20:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

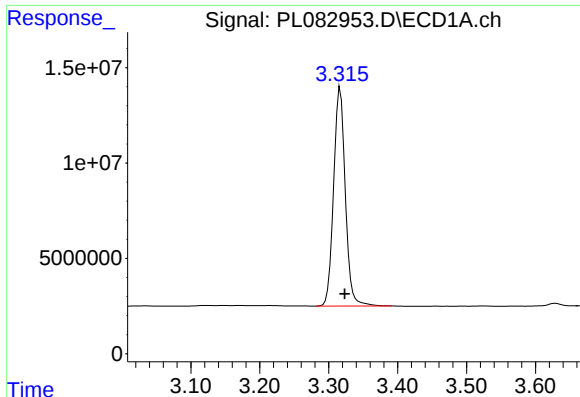
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:31:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.317	2.637	134.9E6	121.5E6	45.911	46.794
28)	SA Decachlor...	8.730	7.741	94221425	115.2E6	44.925	46.313
Target Compounds							
2)	A alpha-BHC	3.766	3.134	204.1E6	174.5E6	45.974	46.761
3)	MA gamma-BHC...	4.093	3.460	188.1E6	161.5E6	45.415	48.457
4)	MA Heptachlor	4.671	3.791	171.6E6	162.8E6	44.896	44.481
5)	MB Aldrin	5.008	4.067	163.1E6	151.6E6	46.360	46.592
6)	B beta-BHC	4.297	3.760	82996580	68203051	44.083	47.692
7)	B delta-BHC	4.538	3.986	184.5E6	158.2E6	53.654	48.292
8)	B Heptachlo...	5.434	4.567	149.3E6	139.7E6	46.678	47.061
9)	A Endosulfan I	5.814	4.935	138.8E6	127.2E6	46.245	45.527
10)	B gamma-Chl...	5.688	4.816	157.4E6	140.5E6	49.530	46.776
11)	B alpha-Chl...	5.766	4.879	148.7E6	139.8E6	46.339	46.559
12)	B 4,4'-DDE	5.944	5.070	126.2E6	124.2E6	45.769	51.129
13)	MA Dieldrin	6.089	5.199	136.5E6	131.1E6	45.396	46.441
14)	MA Endrin	6.315	5.473	108.8E6	109.0E6	40.473	42.964
15)	B Endosulfa...	6.538	5.769	111.7E6	110.1E6	41.502	44.519
16)	A 4,4'-DDD	6.460	5.624	108.5E6	102.3E6	49.917	53.175
17)	MA 4,4'-DDT	6.771	5.872	96130326	92421404	38.403	41.426
18)	B Endrin al...	6.668	5.949	90728203	91113814	45.124	46.076
19)	B Endosulfa...	6.902	6.172	116.4E6	114.3E6	45.413	46.690
20)	A Methoxychlor	7.252	6.451	51606515	52768356	39.025	41.493
21)	B Endrin ke...	7.382	6.675	124.5E6	133.1E6	48.790	49.218
22)	Mirex	7.845	6.846	93035884	108.0E6	44.387	46.138
24)	Chlordane-2	5.008f	0.000	163.1E6	0	1480.586	N.D. #
25)	Chlordane-3	5.688	4.816	157.4E6	140.5E6	379.255	527.146 #
26)	Chlordane-4	5.766	4.879	148.7E6	139.8E6	293.689	496.074 #
27)	Chlordane-5	0.000	5.769	0	110.1E6	N.D.	1133.854 #

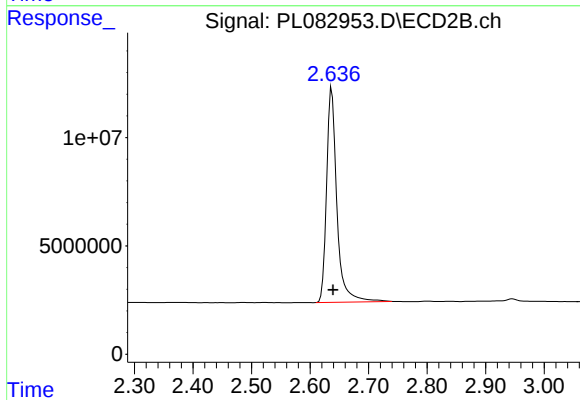
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

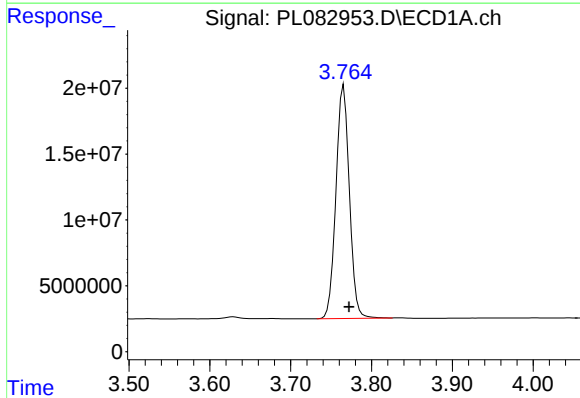
R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 134932213
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



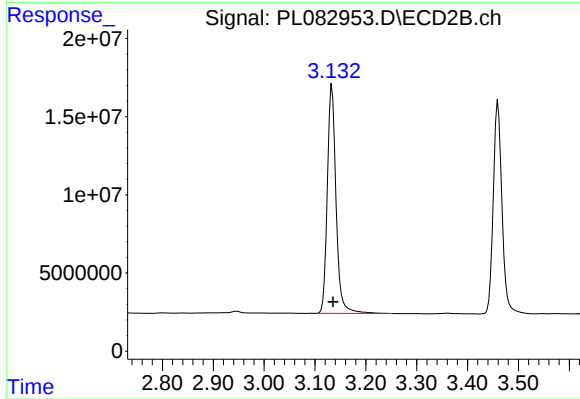
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 121480267
Conc: 46.79 ng/ml



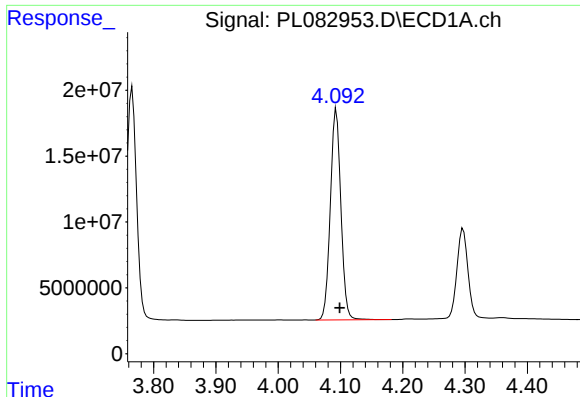
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 204088662
Conc: 45.97 ng/ml



#2 alpha-BHC

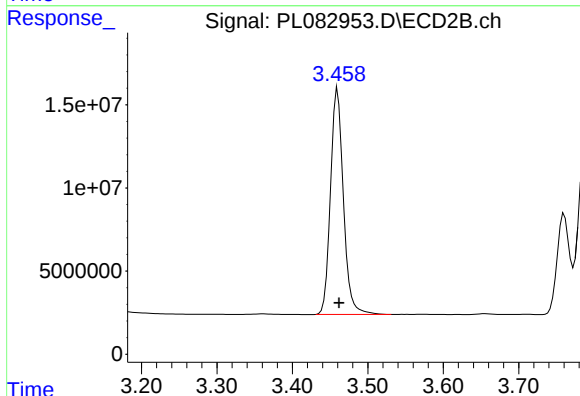
R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 174485886
Conc: 46.76 ng/ml



#3 gamma-BHC (Lindane)

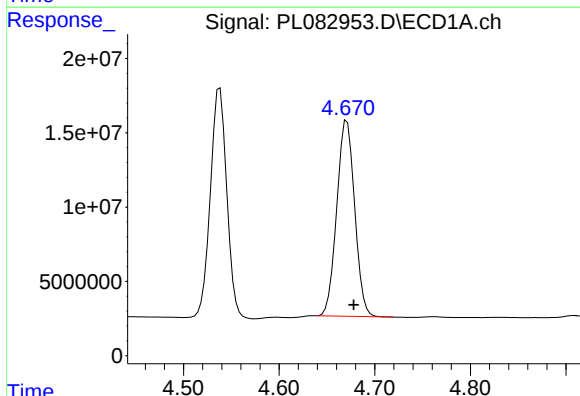
R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 188149668
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



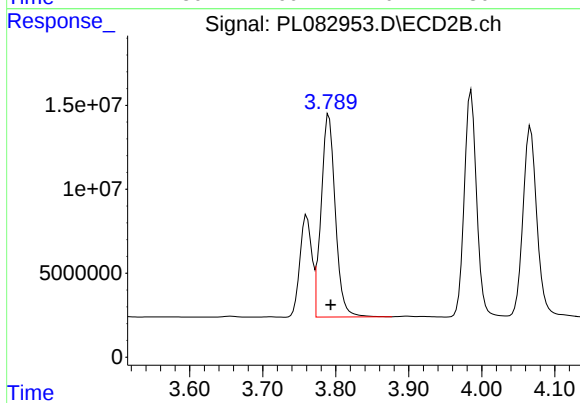
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 161520948
Conc: 48.46 ng/ml



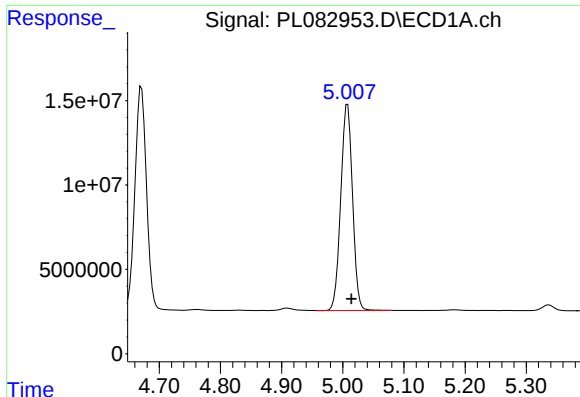
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 171613748
Conc: 44.90 ng/ml



#4 Heptachlor

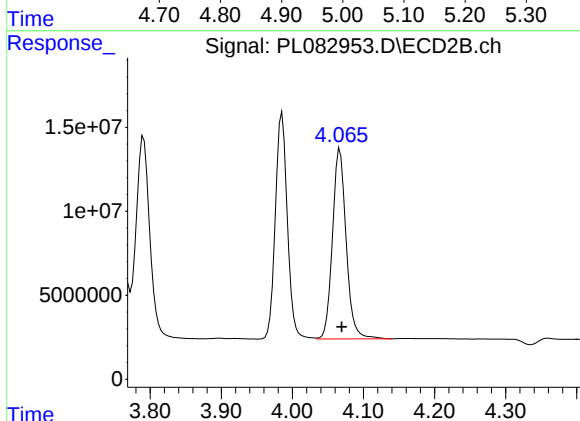
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 162848574
Conc: 44.48 ng/ml



#5 Aldrin

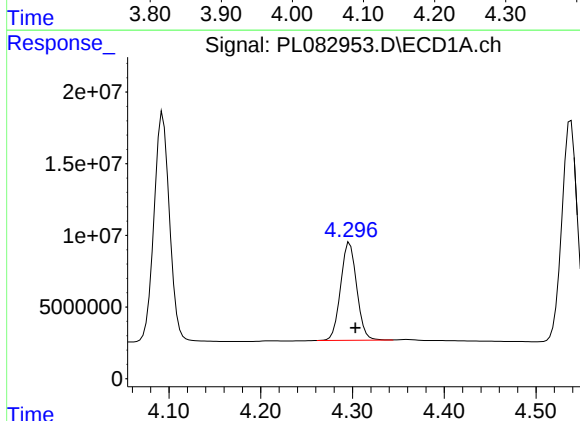
R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 163098541
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



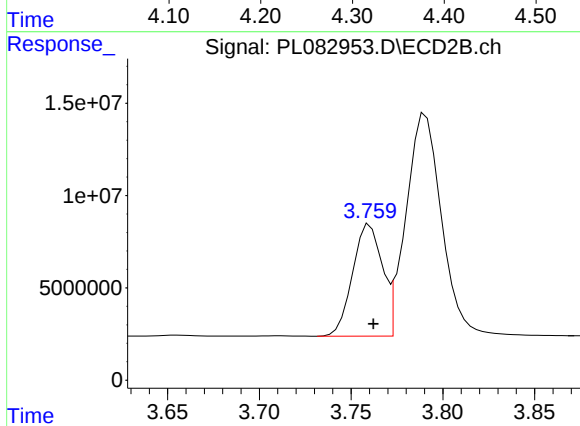
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 151591236
Conc: 46.59 ng/ml



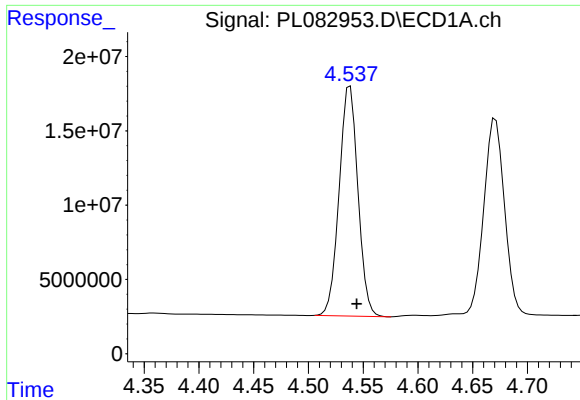
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 82996580
Conc: 44.08 ng/ml



#6 beta-BHC

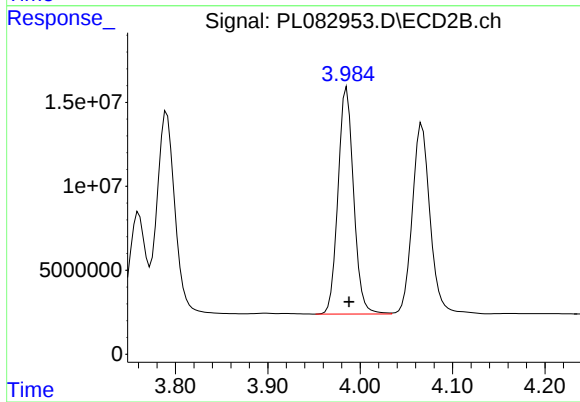
R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 68203051
Conc: 47.69 ng/ml



#7 delta-BHC

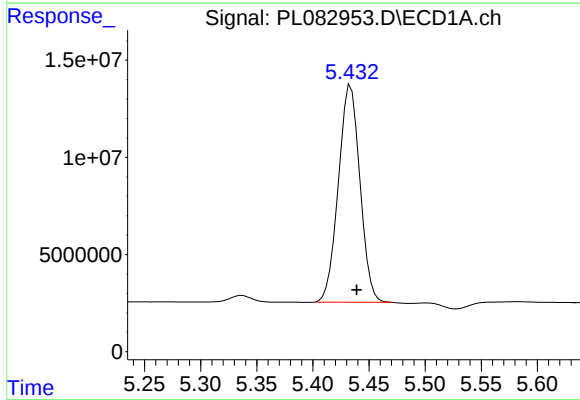
R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 184510955
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



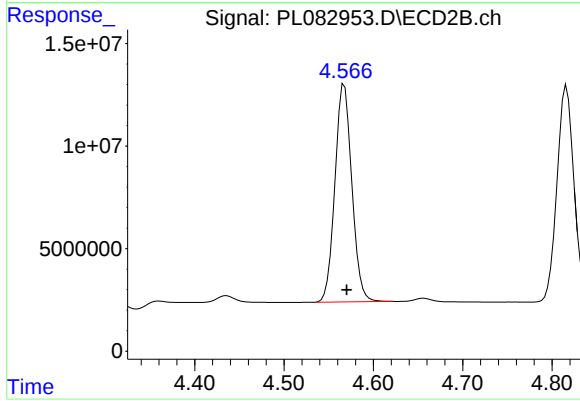
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 158226911
Conc: 48.29 ng/ml



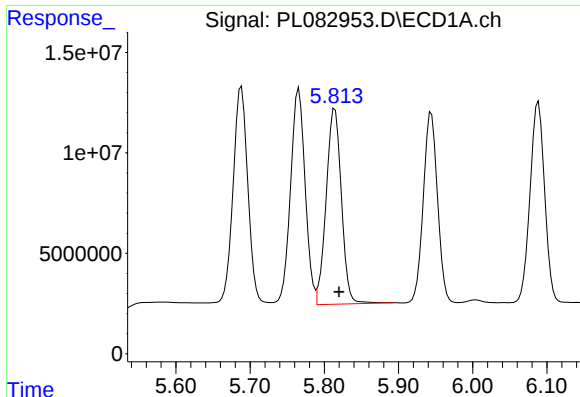
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 149310128
Conc: 46.68 ng/ml



#8 Heptachlor epoxide

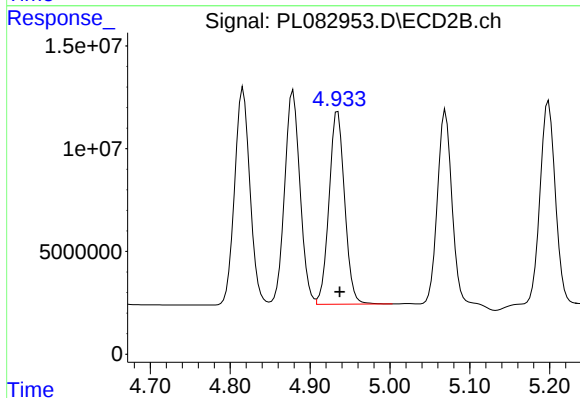
R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 139671023
Conc: 47.06 ng/ml



#9 Endosulfan I

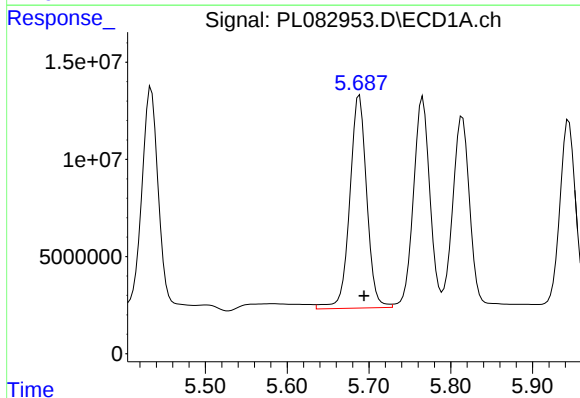
R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 138763284
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



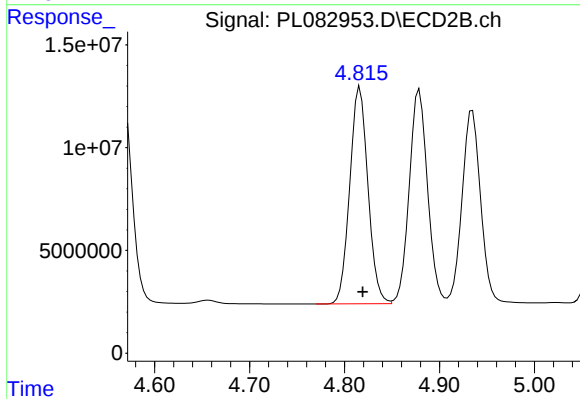
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 127218644
Conc: 45.53 ng/ml



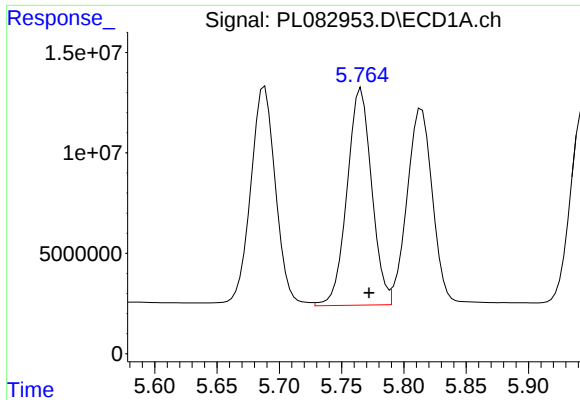
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 157354015
Conc: 49.53 ng/ml



#10 gamma-Chlordane

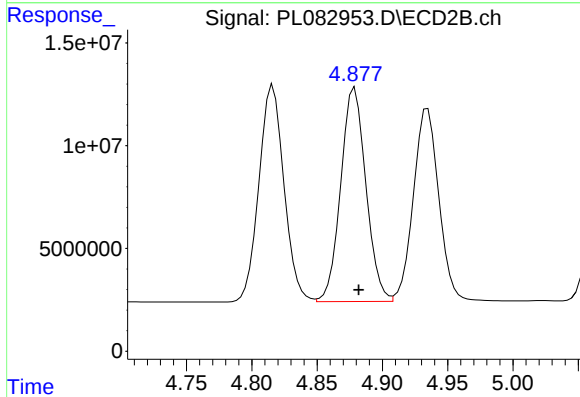
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 140486878
Conc: 46.78 ng/ml



#11 alpha-Chlordane

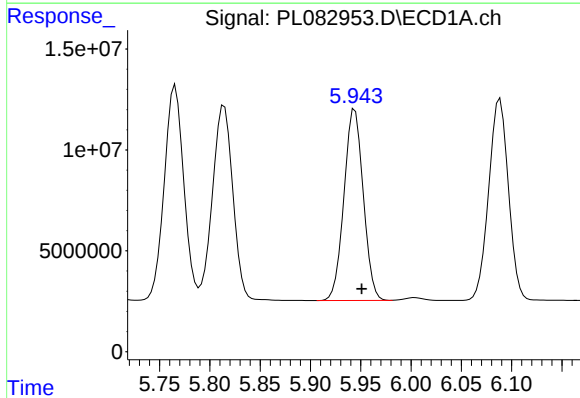
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 148717149
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



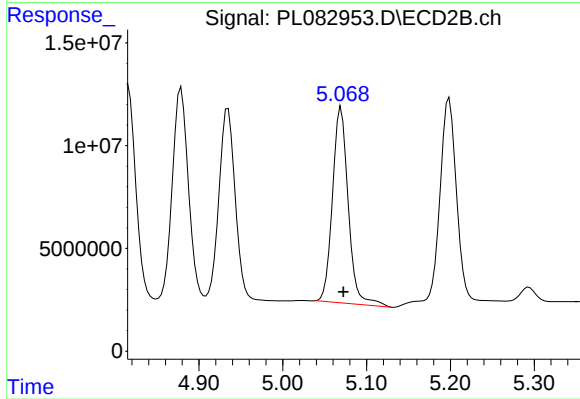
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 139769428
Conc: 46.56 ng/ml



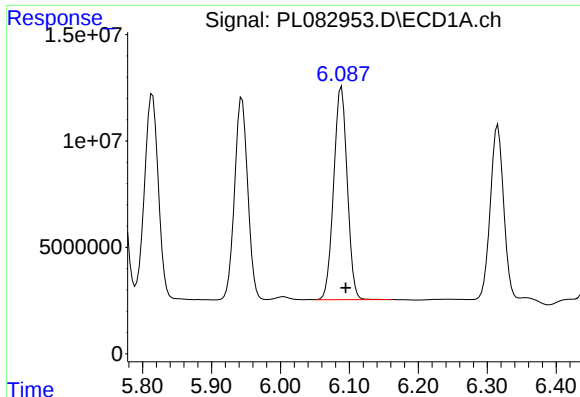
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 126162763
Conc: 45.77 ng/ml



#12 4,4'-DDE

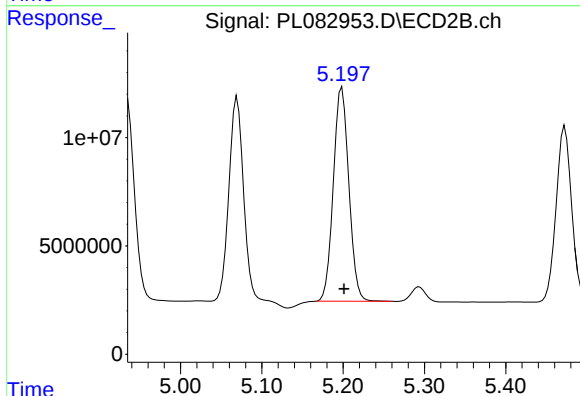
R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 124180621
Conc: 51.13 ng/ml



#13 Dieldrin

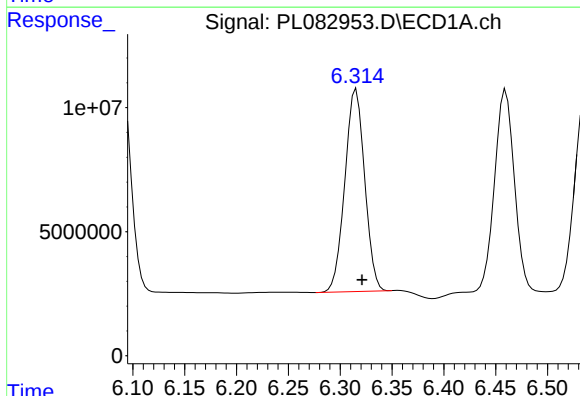
R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 136543661
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



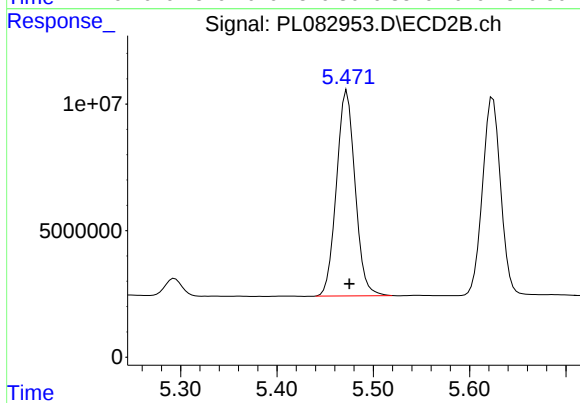
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.003 min
Response: 131098172
Conc: 46.44 ng/ml



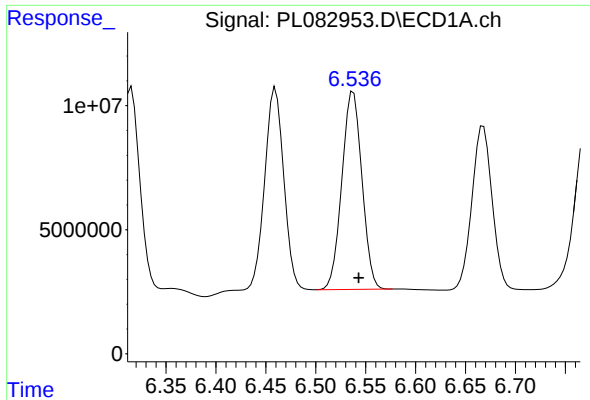
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 108760907
Conc: 40.47 ng/ml



#14 Endrin

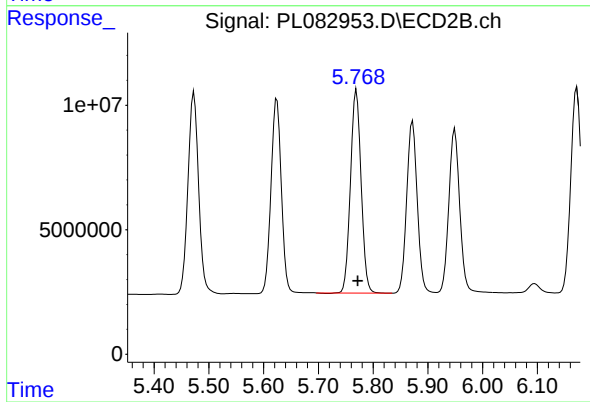
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 108998629
Conc: 42.96 ng/ml



#15 Endosulfan II

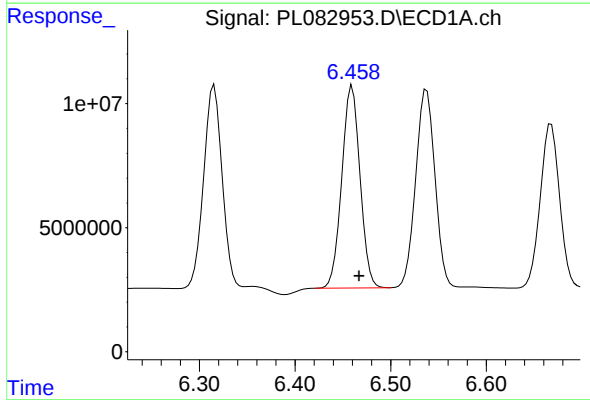
R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 111664332
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



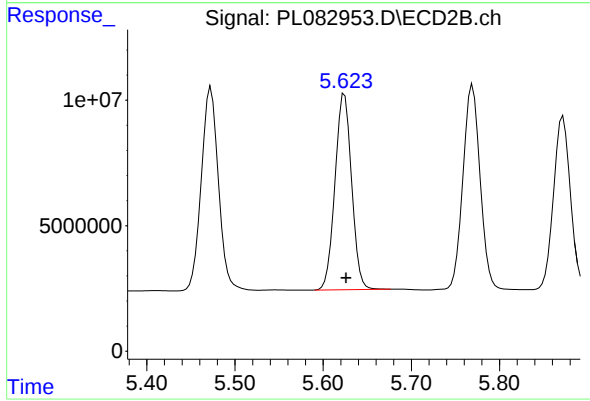
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 110149714
Conc: 44.52 ng/ml



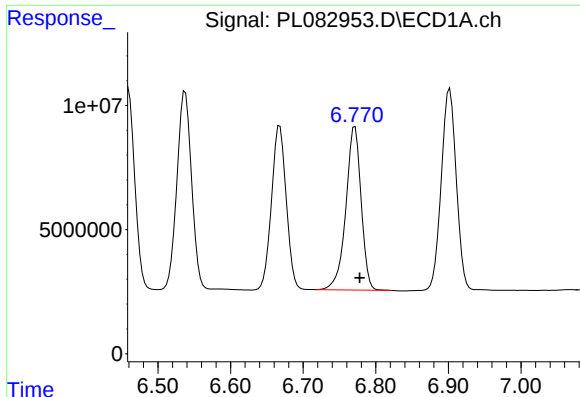
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 108472504
Conc: 49.92 ng/ml



#16 4,4'-DDD

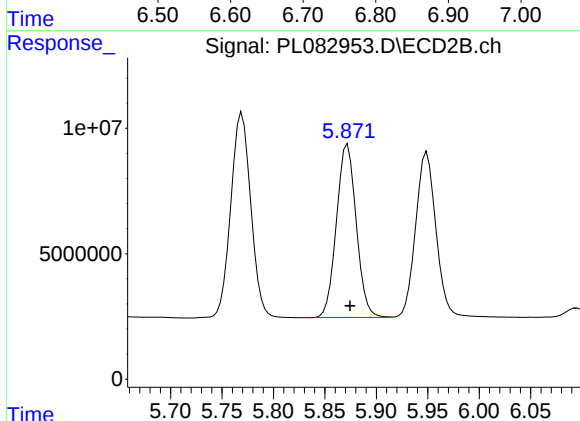
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 102267970
Conc: 53.17 ng/ml



#17 4,4'-DDT

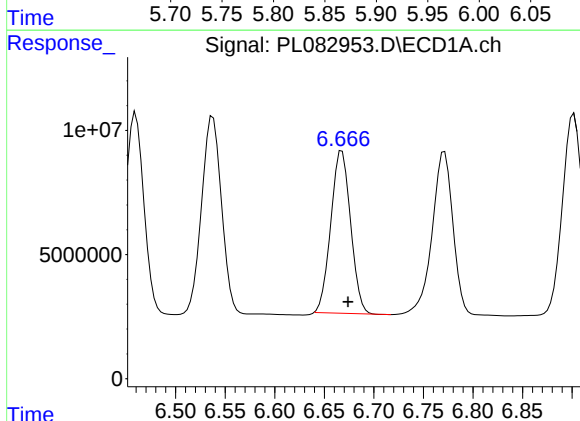
R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 96130326
Conc: 38.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



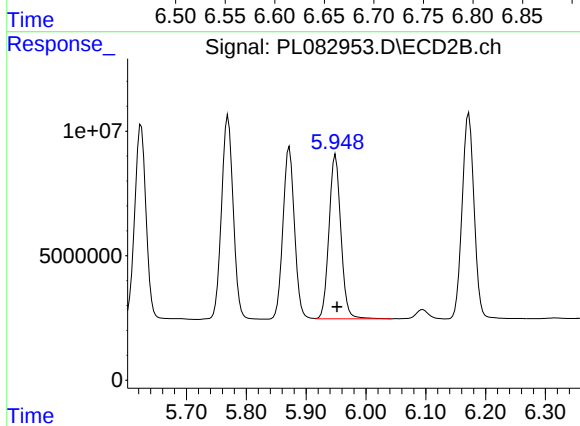
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 92421404
Conc: 41.43 ng/ml



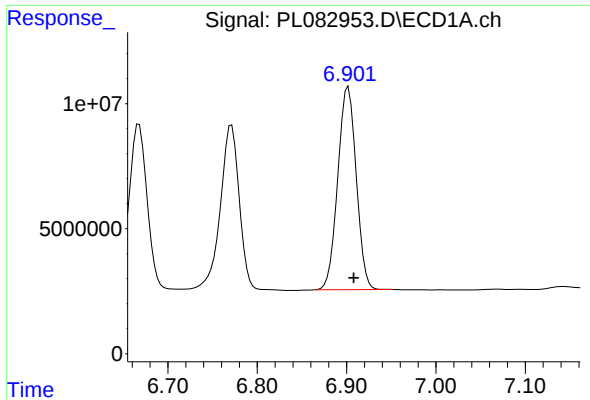
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 90728203
Conc: 45.12 ng/ml



#18 Endrin aldehyde

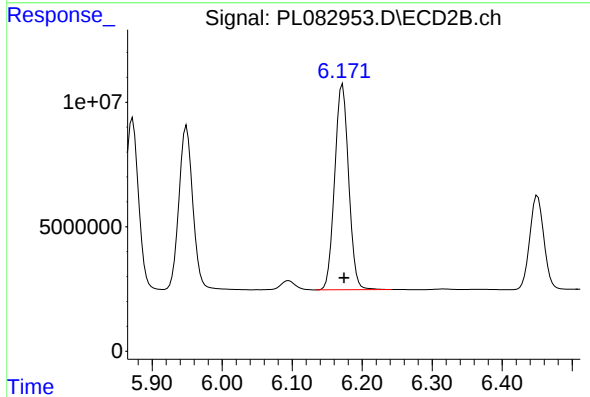
R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 91113814
Conc: 46.08 ng/ml



#19 Endosulfan Sulfate

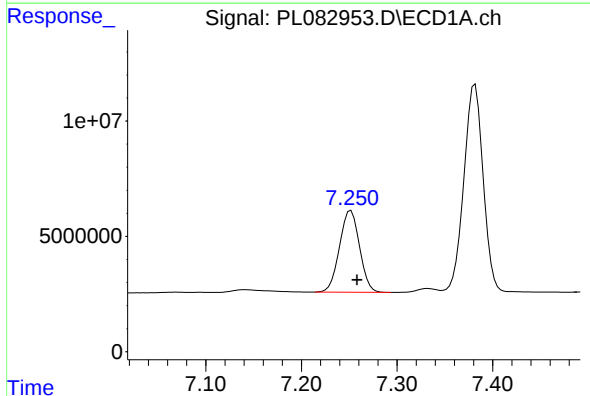
R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 116427315
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



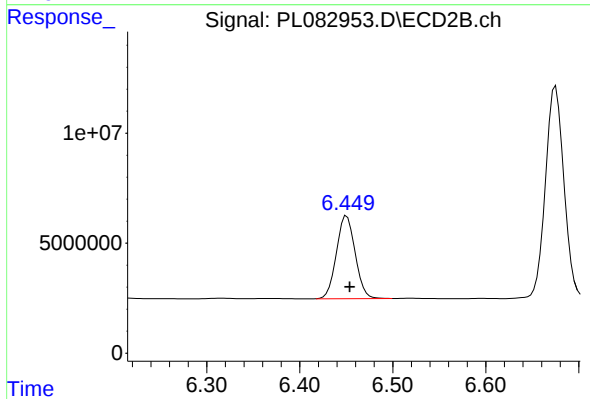
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 114342826
Conc: 46.69 ng/ml



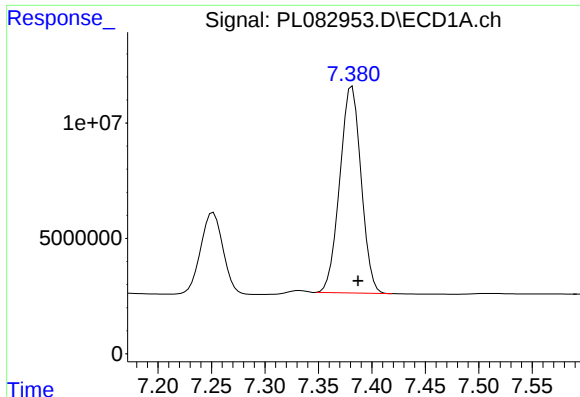
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 51606515
Conc: 39.03 ng/ml



#20 Methoxychlor

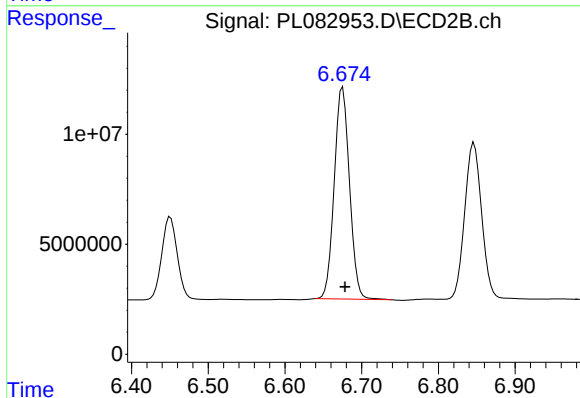
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 52768356
Conc: 41.49 ng/ml



#21 Endrin ketone

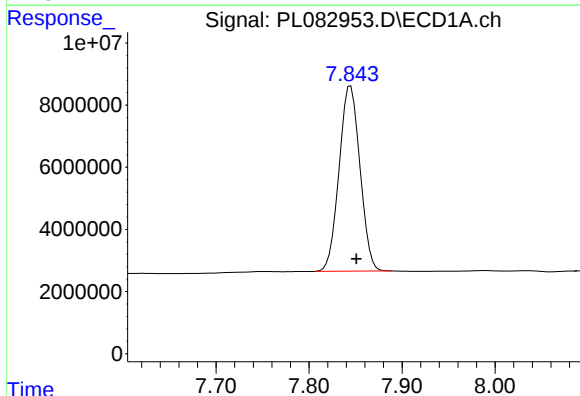
R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 124454395
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



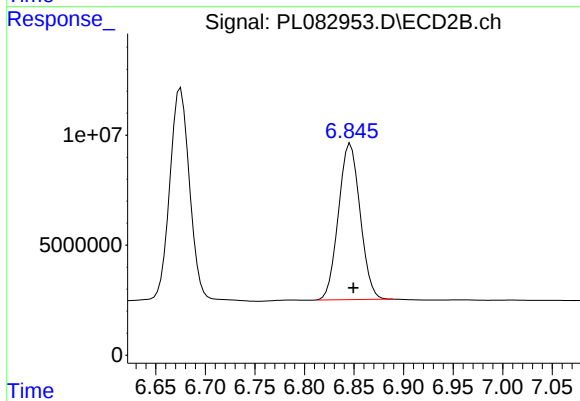
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 133078232
Conc: 49.22 ng/ml



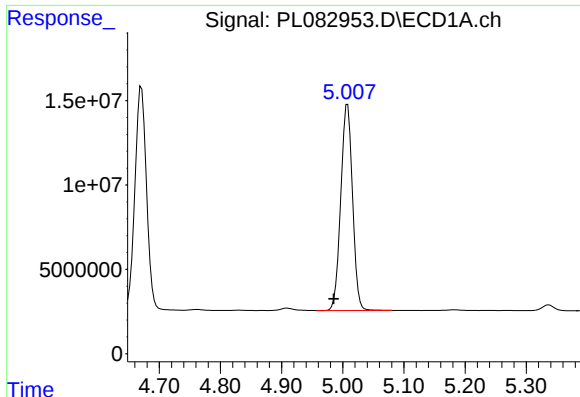
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 93035884
Conc: 44.39 ng/ml



#22 Mirex

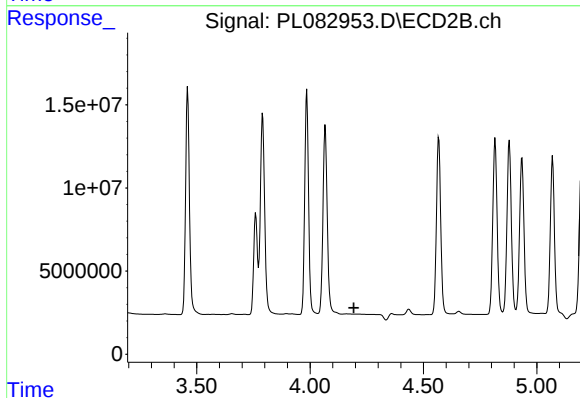
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 107954144
Conc: 46.14 ng/ml



#24 Chlordane-2

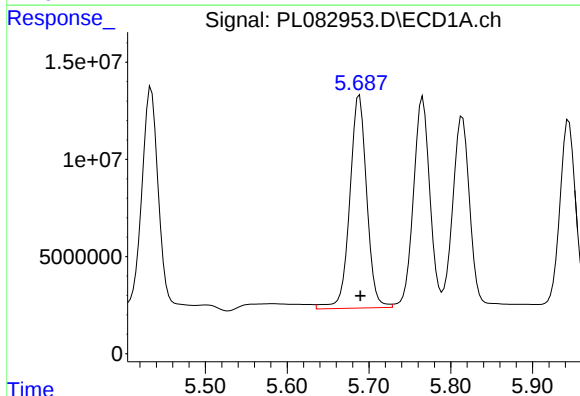
R.T.: 5.008 min
Delta R.T.: 0.023 min
Response: 163098541
Conc: 1480.59 ng/m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



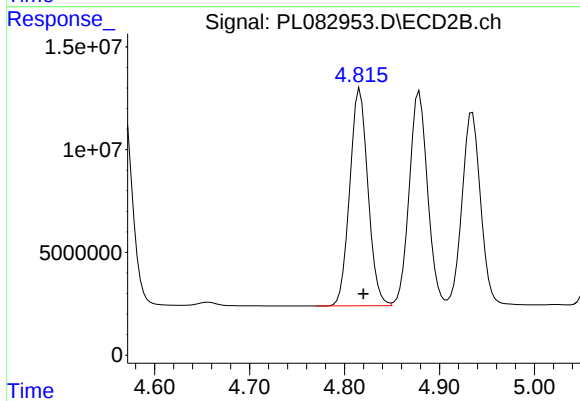
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.193 min
Response: 0
Conc: N.D.



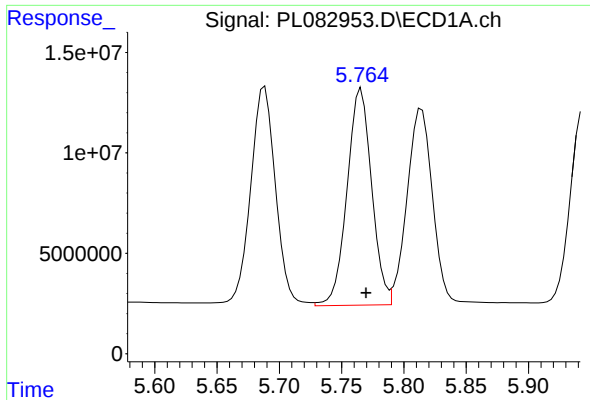
#25 Chlordane-3

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 157354015
Conc: 379.25 ng/ml



#25 Chlordane-3

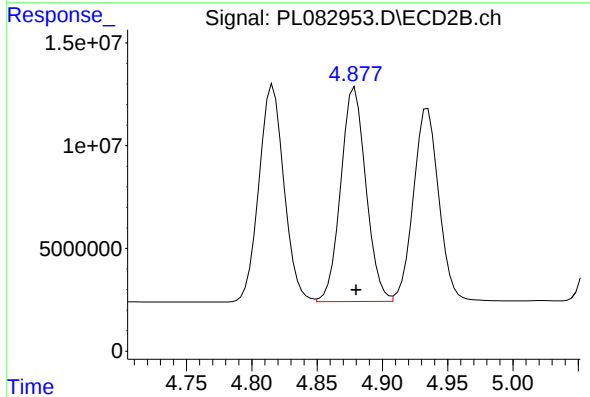
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 140486878
Conc: 527.15 ng/ml



#26 Chlordane-4

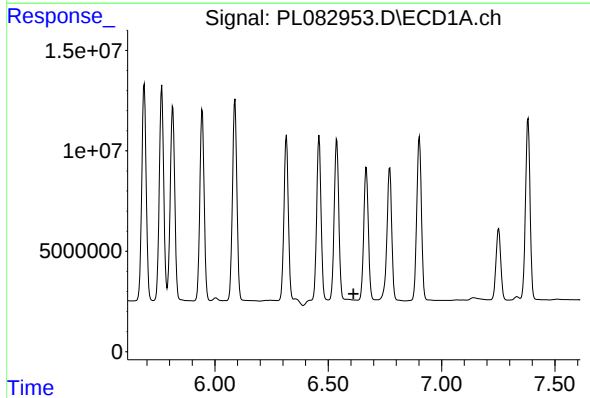
R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 148717149
Conc: 293.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



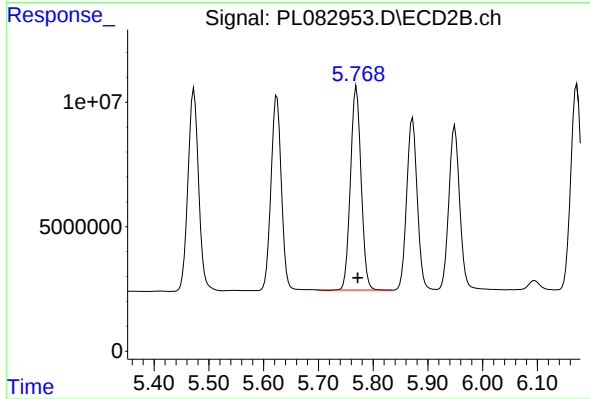
#26 Chlordane-4

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 139769428
Conc: 496.07 ng/ml



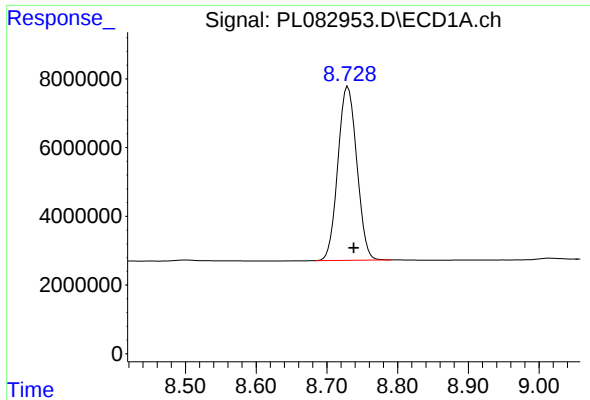
#27 Chlordane-5

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



#27 Chlordane-5

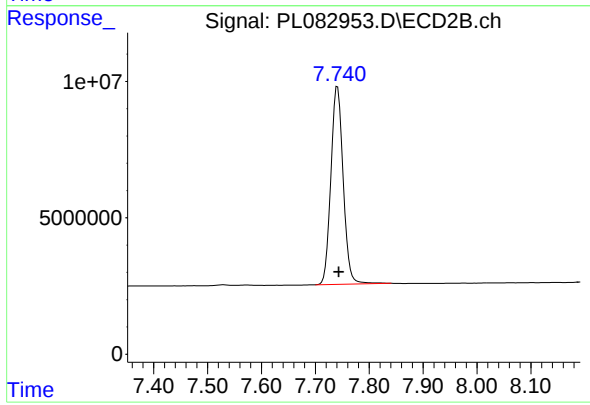
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 110149714
Conc: 1133.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 94221425
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.002 min
Response: 115159163
Conc: 46.31 ng/ml