

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031220\
 Data File : PL057323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2020 00:04
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

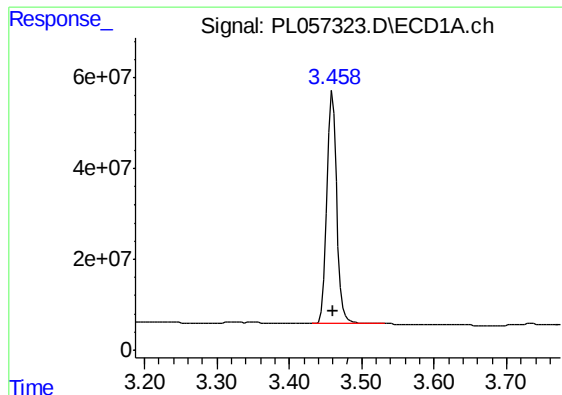
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 06:12:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 11 17:44:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.460	3.958	482.2E6	109.7E6	56.580	51.430
28)	SA Decachlor...	8.206	8.980	499.7E6	101.8E6	51.697	47.902
Target Compounds							
2)	A alpha-BHC	3.897	4.345	846.3E6	167.4E6	57.103	53.005
3)	MA gamma-BHC...	4.180	4.628	786.8E6	162.0E6	57.261	52.121
4)	MA Heptachlor	4.481	5.130	789.3E6	160.3E6	58.105	51.513
5)	MB Aldrin	4.728	5.432	762.0E6	161.3E6	59.011	53.956
6)	B beta-BHC	4.432	4.800	307.7E6	73129613	58.088	51.888
7)	B delta-BHC	4.635	5.015	771.4E6	140.8E6	59.132	57.829
8)	B Heptachlor...	5.171	5.816	703.4E6	150.5E6	58.131	54.301
9)	A Endosulfan I	5.510	6.170	654.7E6	147.6E6	57.752	52.839
10)	B gamma-Chl...	5.398	6.050	715.8E6	160.1E6	57.631	53.477
11)	B alpha-Chl...	5.456	6.122	704.2E6	161.1E6	57.317	53.428
12)	B 4,4'-DDE	5.620	6.280	666.2E6	148.4E6	56.856	52.286
13)	MA Dieldrin	5.752	6.426	702.3E6	153.9E6	57.438	52.273
14)	MA Endrin	6.009	6.643	590.2E6	122.7E6	54.249	47.585
15)	B Endosulfa...	6.282	6.853	582.9E6	131.9E6	53.973	47.012
16)	A 4,4'-DDD	6.135	6.769	570.3E6	125.8E6	58.913	51.647
17)	MA 4,4'-DDT	6.376	7.065	492.3E6	105.9E6	50.309	43.035
18)	B Endrin al...	6.450	6.976	489.4E6	113.1E6	54.709	48.795
19)	B Endosulfa...	6.664	7.199	523.4E6	122.9E6	52.410	48.993
20)	A Methoxychlor	6.921	7.525	250.0E6	58844326	50.146	47.101
21)	B Endrin ke...	7.154	7.667	633.2E6	135.3E6	56.075	49.368
22)	Mirex	7.341	8.116	388.1E6	92262823	47.888	48.125
23)	Chlordane-1	4.356f	0.000	5080457	0	16.715	N.D. #
24)	Chlordane-2	4.833	5.432f	2042654	161.3E6	5.792	1689.652 #
25)	Chlordane-3	5.398	6.050	715.8E6	160.1E6	663.629	422.414 #
26)	Chlordane-4	5.456	6.122	704.2E6	161.1E6	766.274	351.242 #
27)	Chlordane-5	6.282	0.000	582.9E6	0	1604.749	N.D. #

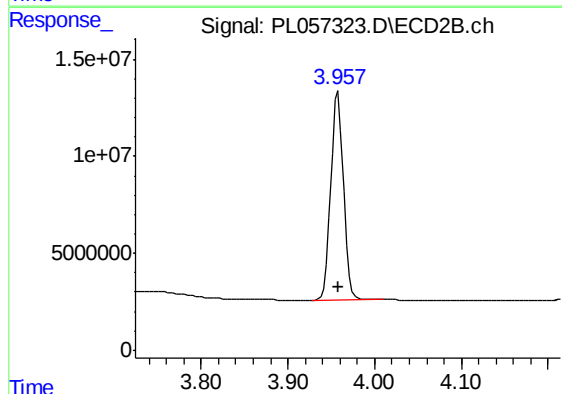
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

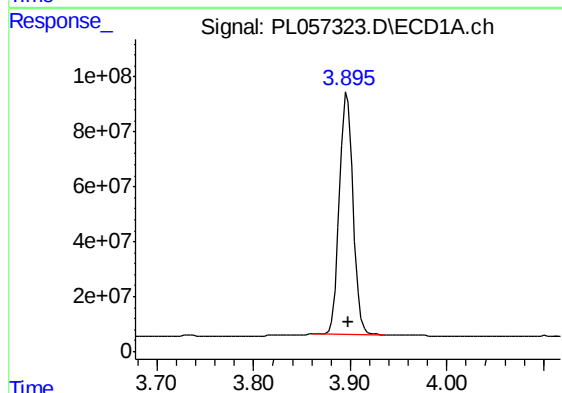
R.T.: 3.460 min
Delta R.T.: -0.001 min
Response: 482188168
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



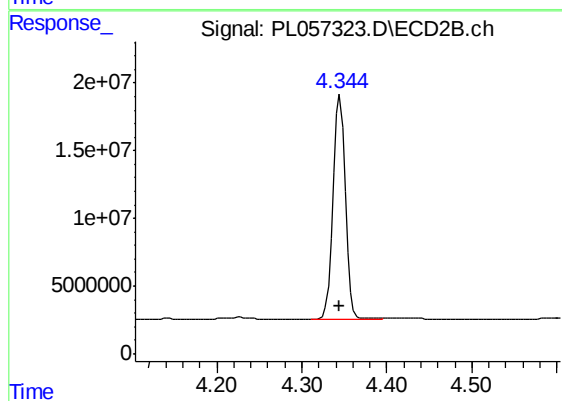
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 109727633
Conc: 51.43 ng/ml



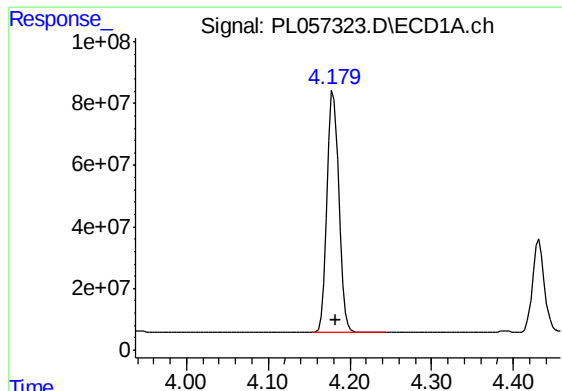
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: -0.001 min
Response: 846250877
Conc: 57.10 ng/ml



#2 alpha-BHC

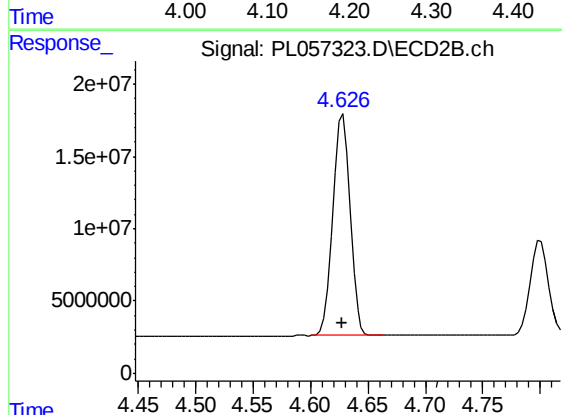
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 167442195
Conc: 53.01 ng/ml



#3 gamma-BHC (Lindane)

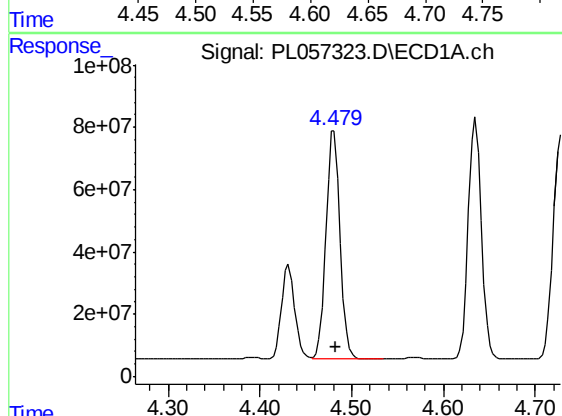
R.T.: 4.180 min
Delta R.T.: -0.002 min
Response: 786800466
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



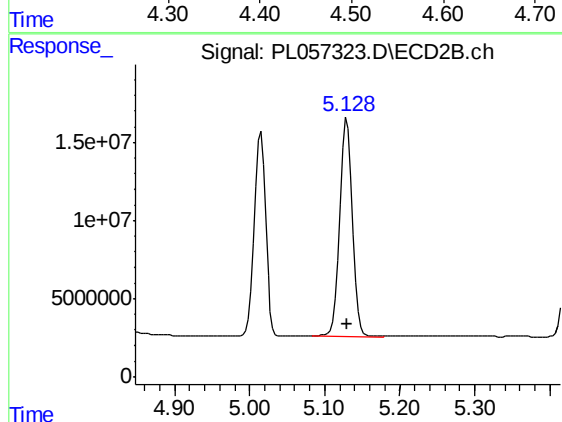
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 162030587
Conc: 52.12 ng/ml



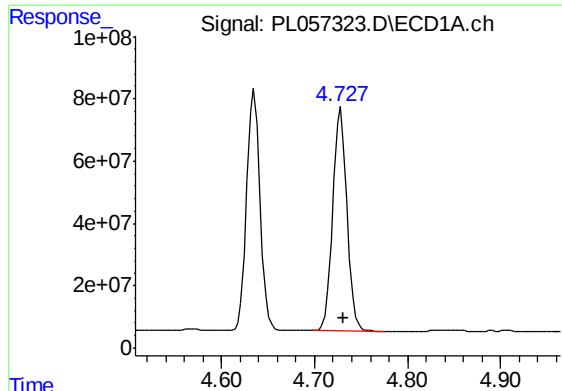
#4 Heptachlor

R.T.: 4.481 min
Delta R.T.: -0.002 min
Response: 789298546
Conc: 58.10 ng/ml



#4 Heptachlor

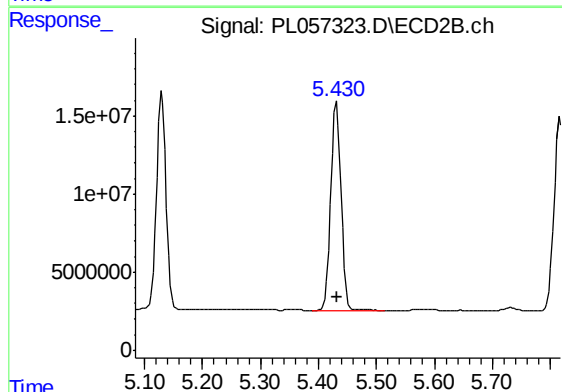
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 160329191
Conc: 51.51 ng/ml



#5 Aldrin

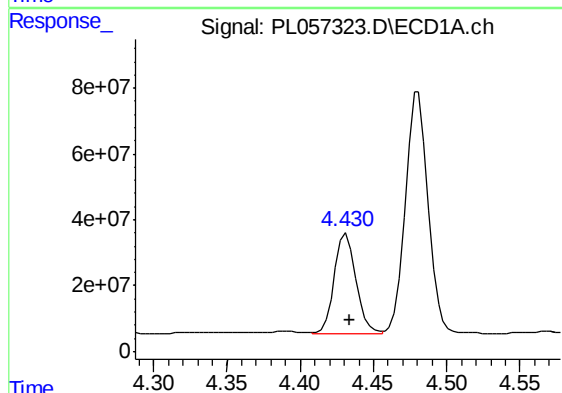
R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 761991194
Conc: 59.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



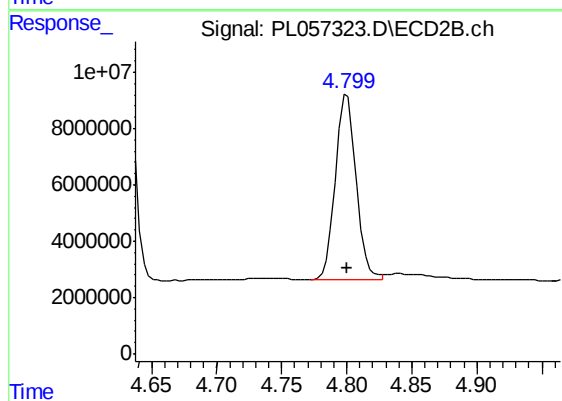
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 161284409
Conc: 53.96 ng/ml



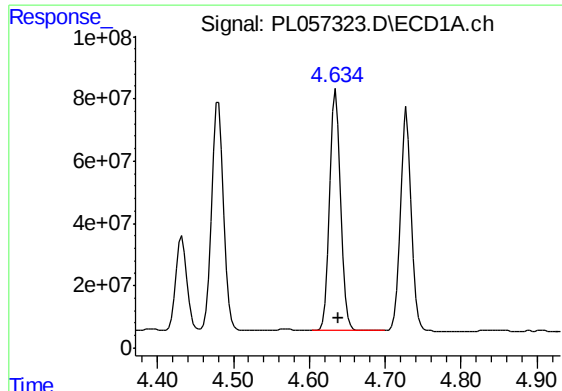
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 307705368
Conc: 58.09 ng/ml



#6 beta-BHC

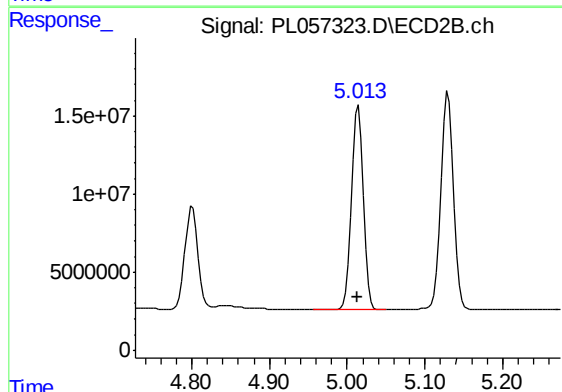
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 73129613
Conc: 51.89 ng/ml



#7 delta-BHC

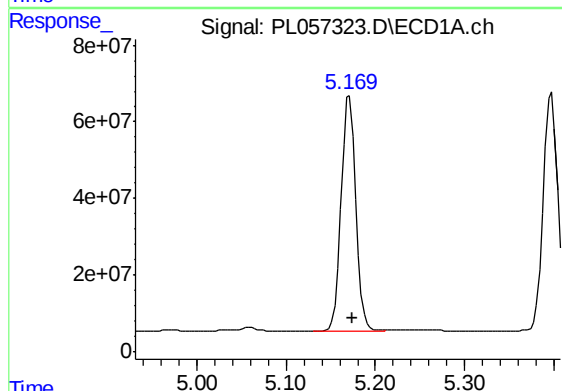
R.T.: 4.635 min
Delta R.T.: -0.003 min
Response: 771442659
Conc: 59.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



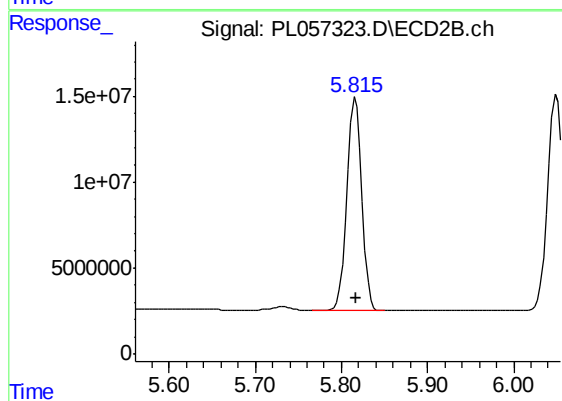
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 140803423
Conc: 57.83 ng/ml



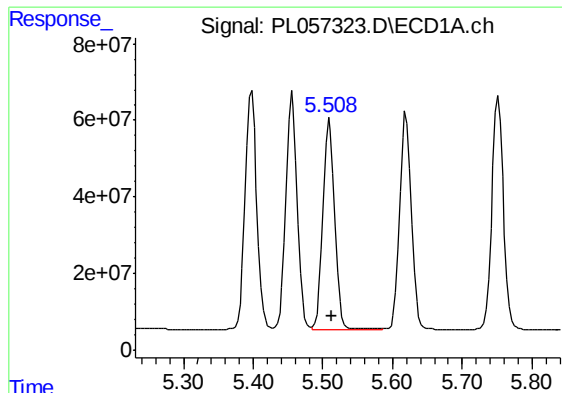
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 703391014
Conc: 58.13 ng/ml



#8 Heptachlor epoxide

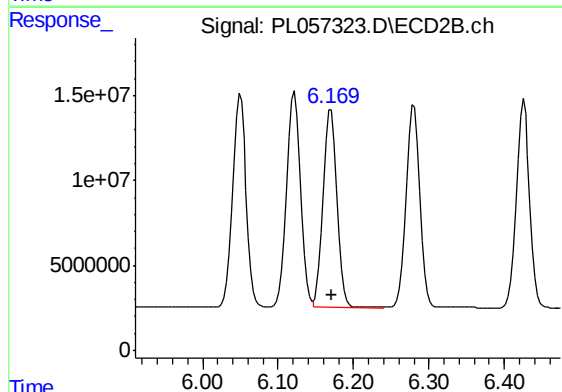
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 150471841
Conc: 54.30 ng/ml



#9 Endosulfan I

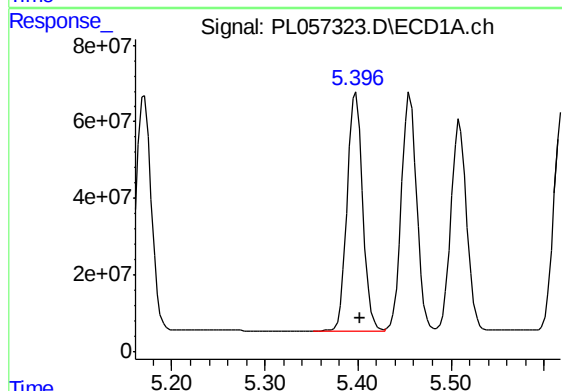
R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 654682457
Conc: 57.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



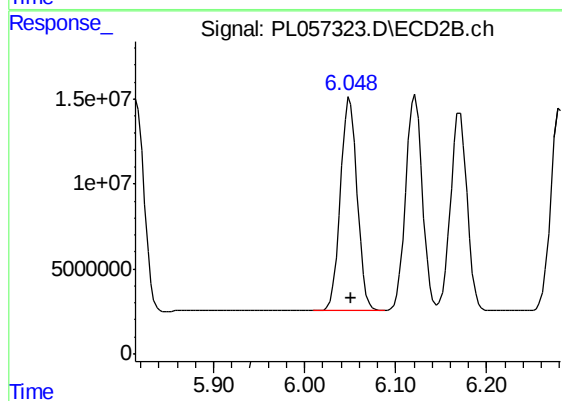
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 147601019
Conc: 52.84 ng/ml



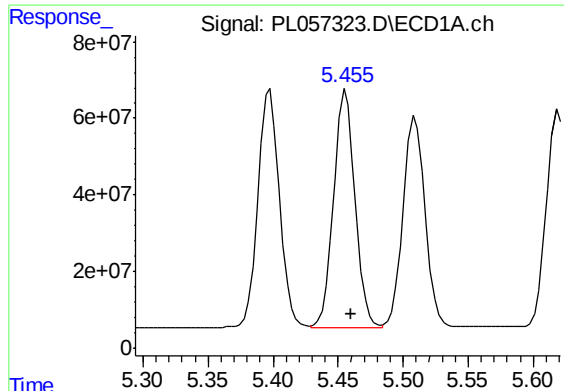
#10 gamma-Chlordane

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 715811337
Conc: 57.63 ng/ml



#10 gamma-Chlordane

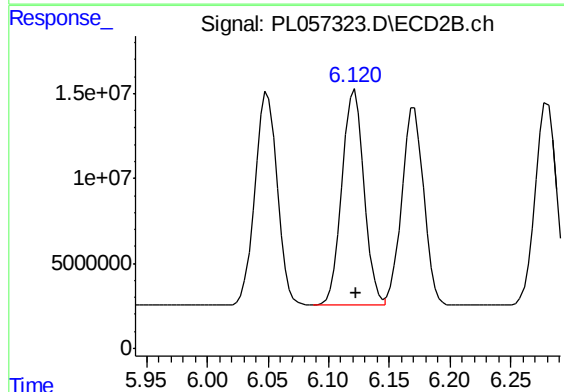
R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 160090023
Conc: 53.48 ng/ml



#11 alpha-Chlordane

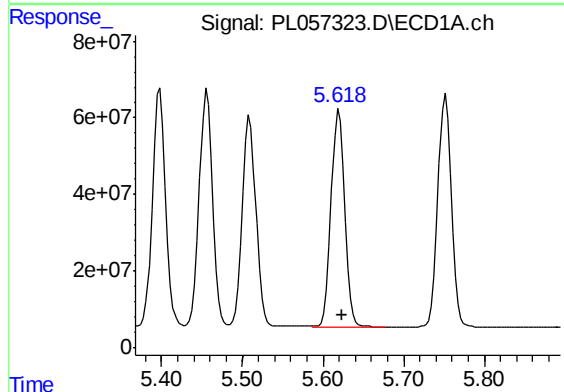
R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 704200312
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



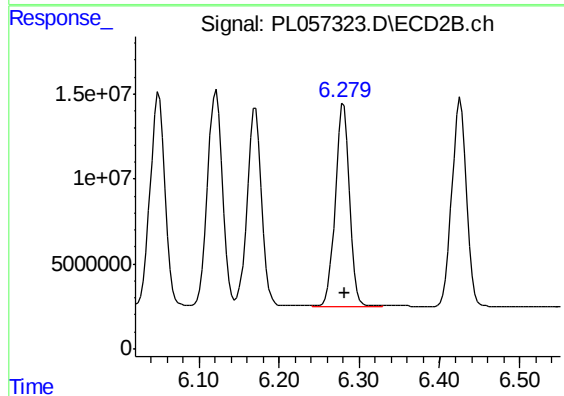
#11 alpha-Chlordane

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 161056967
Conc: 53.43 ng/ml



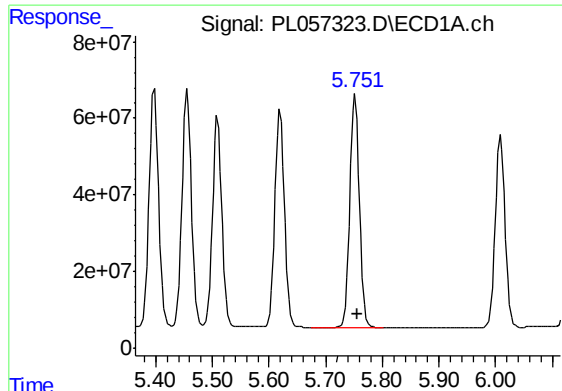
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 666228591
Conc: 56.86 ng/ml



#12 4,4'-DDE

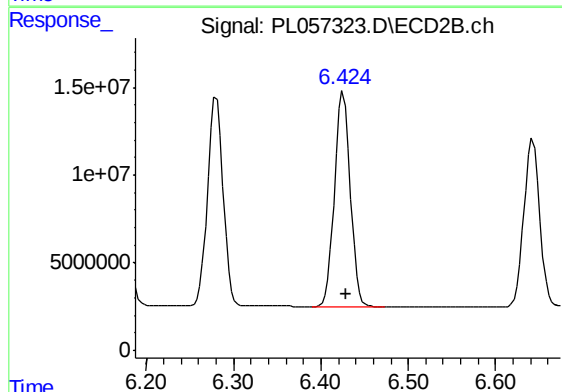
R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 148384701
Conc: 52.29 ng/ml



#13 Dieldrin

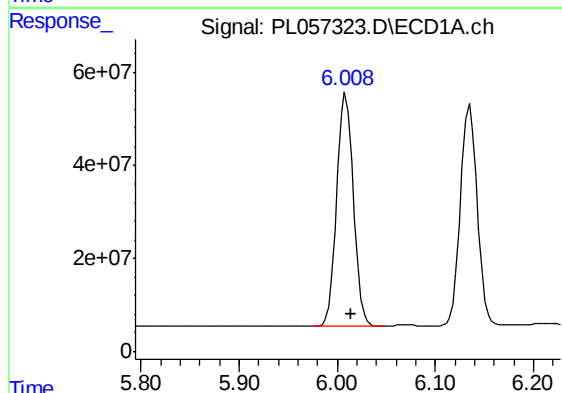
R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 702271565
Conc: 57.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



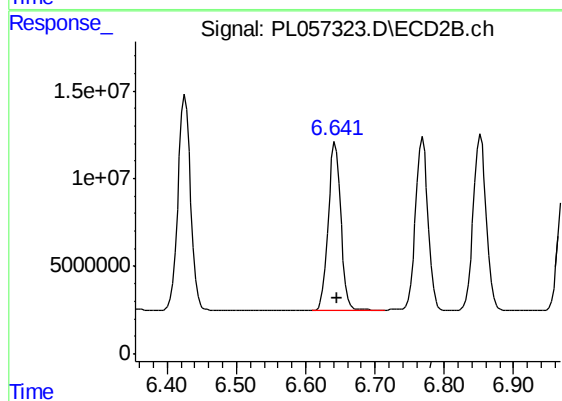
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 153852292
Conc: 52.27 ng/ml



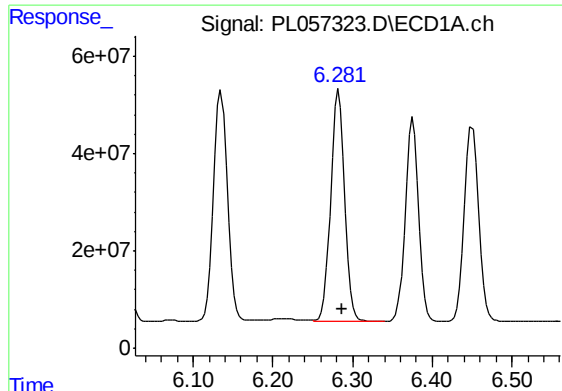
#14 Endrin

R.T.: 6.009 min
Delta R.T.: -0.005 min
Response: 590205420
Conc: 54.25 ng/ml



#14 Endrin

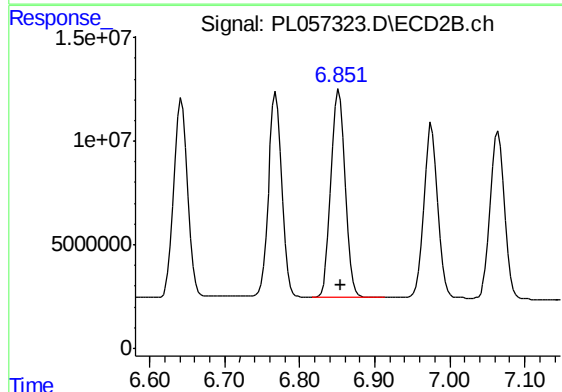
R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 122710896
Conc: 47.58 ng/ml



#15 Endosulfan II

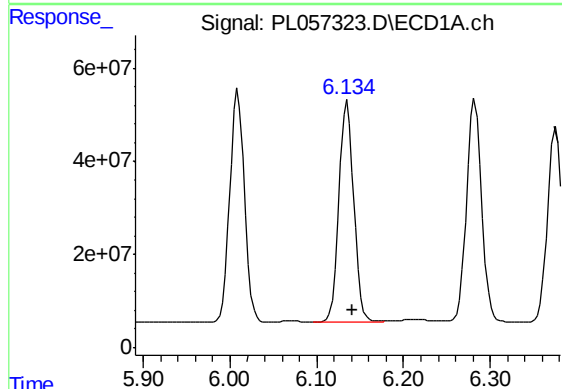
R.T.: 6.282 min
Delta R.T.: -0.005 min
Response: 582884489
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



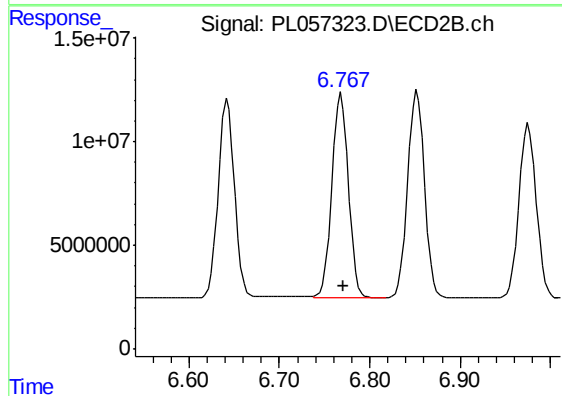
#15 Endosulfan II

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 131918339
Conc: 47.01 ng/ml



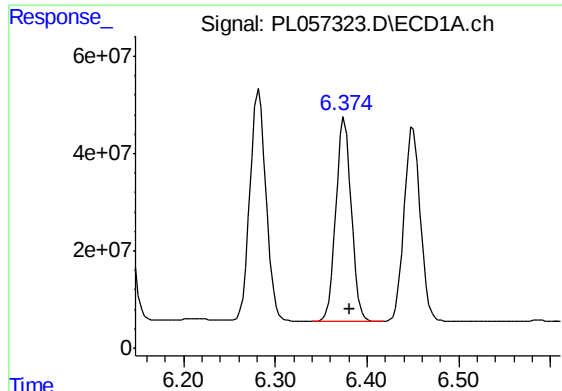
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: -0.006 min
Response: 570319780
Conc: 58.91 ng/ml



#16 4,4'-DDD

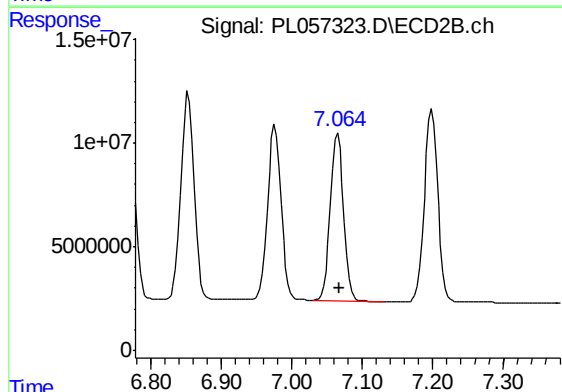
R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 125813935
Conc: 51.65 ng/ml



#17 4,4'-DDT

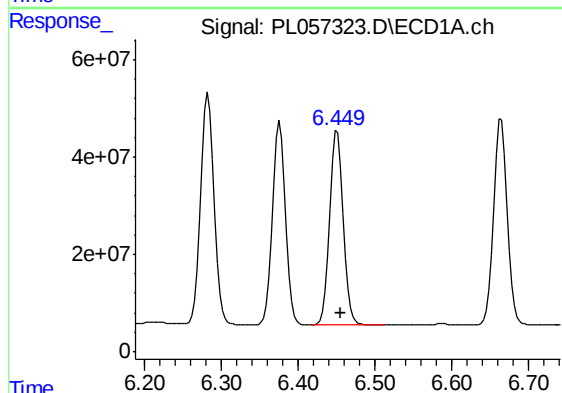
R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 492288458
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



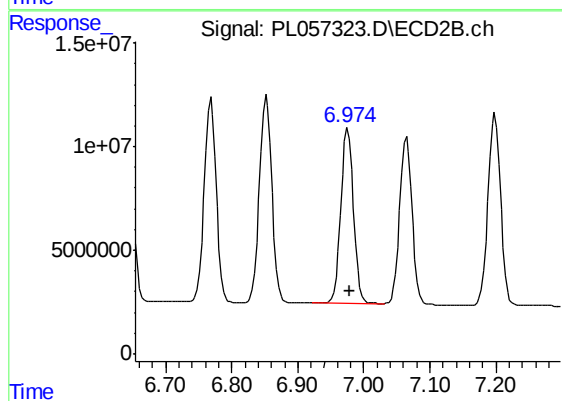
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 105863340
Conc: 43.03 ng/ml



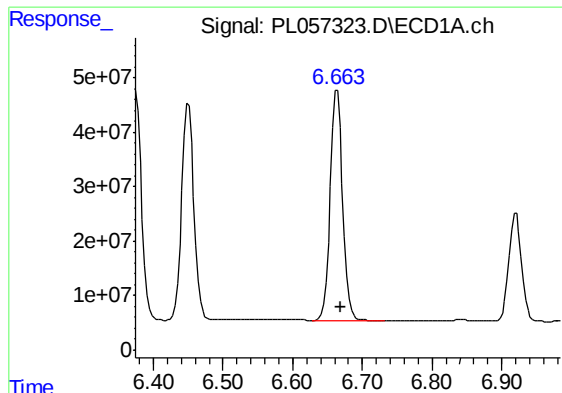
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: -0.005 min
Response: 489443810
Conc: 54.71 ng/ml



#18 Endrin aldehyde

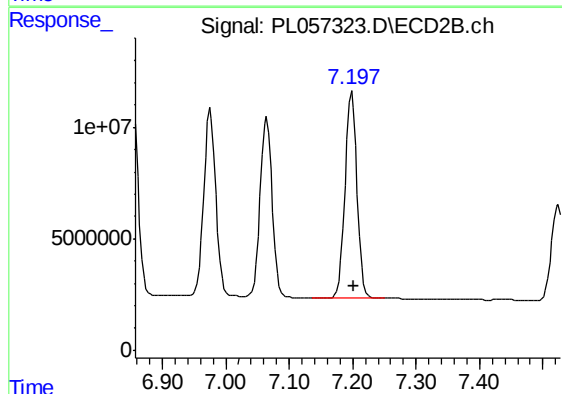
R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 113070163
Conc: 48.79 ng/ml



#19 Endosulfan Sulfate

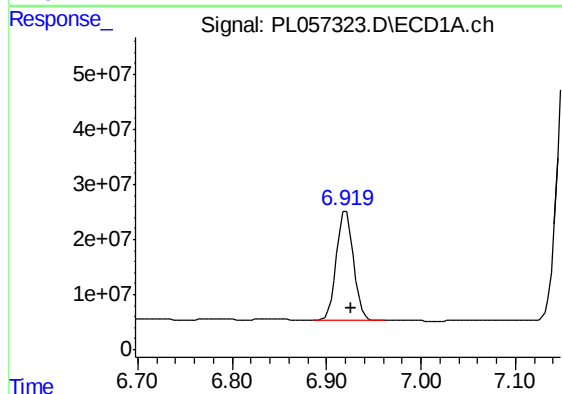
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 523424196
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



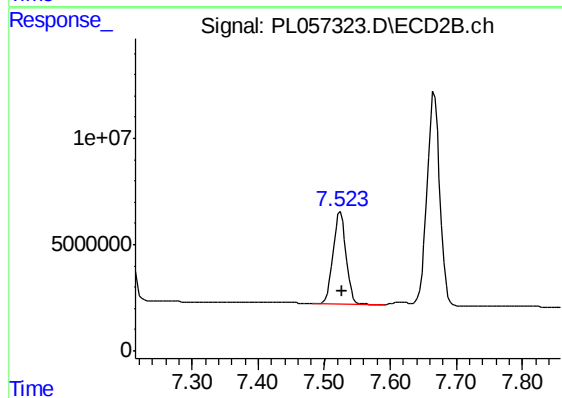
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 122870142
Conc: 48.99 ng/ml



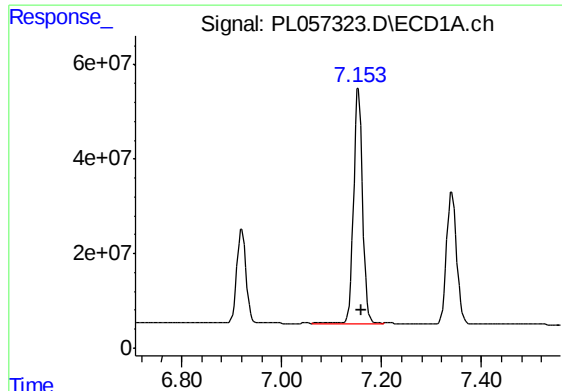
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 250034989
Conc: 50.15 ng/ml



#20 Methoxychlor

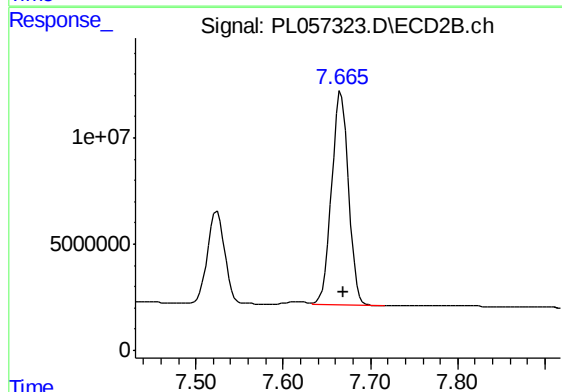
R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 58844326
Conc: 47.10 ng/ml



#21 Endrin ketone

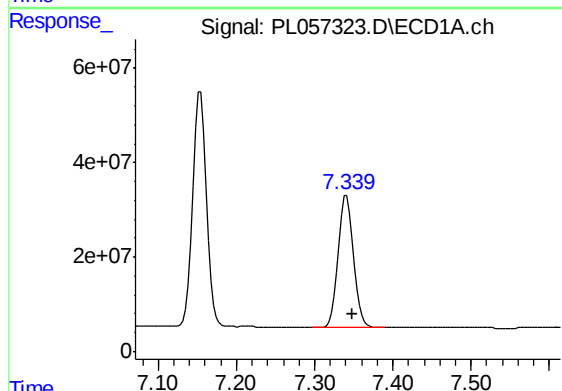
R.T.: 7.154 min
Delta R.T.: -0.006 min
Response: 633237144
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



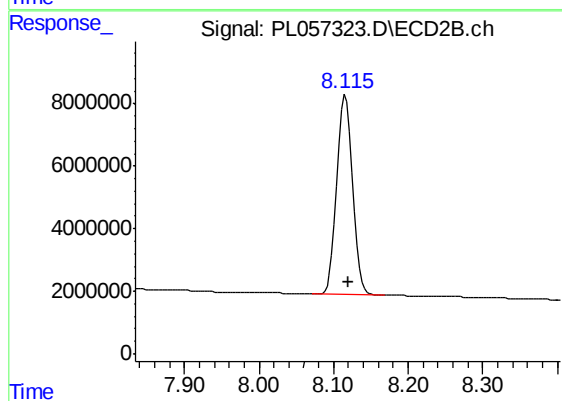
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 135289098
Conc: 49.37 ng/ml



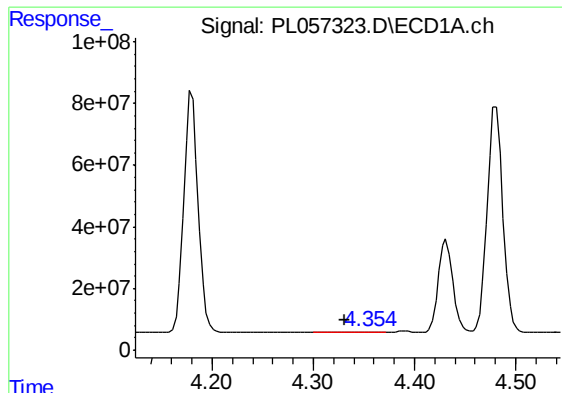
#22 Mirex

R.T.: 7.341 min
Delta R.T.: -0.007 min
Response: 388051973
Conc: 47.89 ng/ml



#22 Mirex

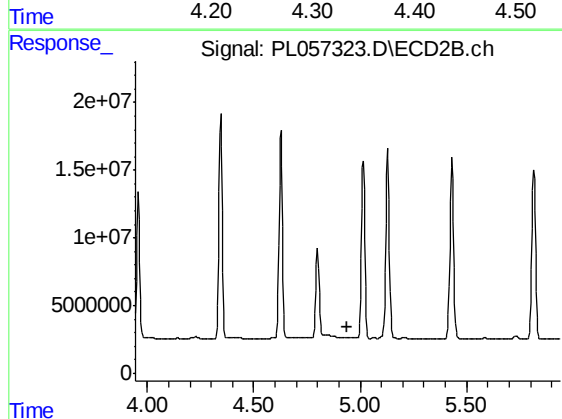
R.T.: 8.116 min
Delta R.T.: -0.003 min
Response: 92262823
Conc: 48.12 ng/ml



#23 Chlordane-1

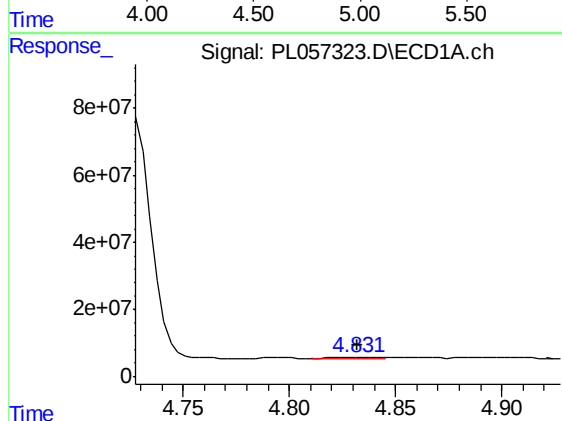
R.T.: 4.356 min
Delta R.T.: 0.025 min
Response: 5080457
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



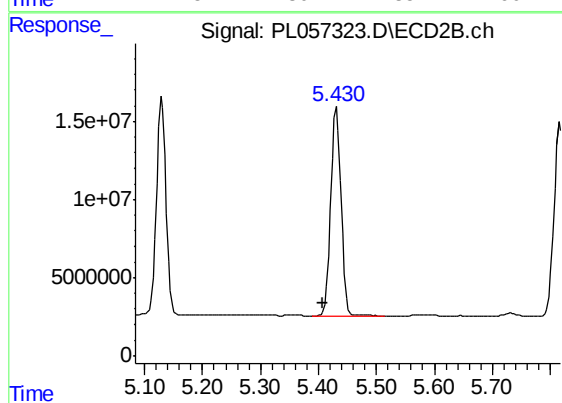
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



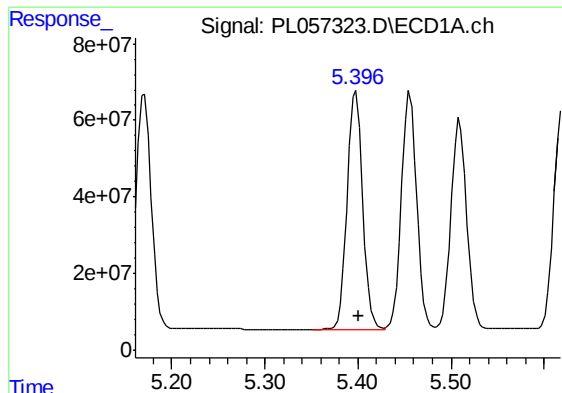
#24 Chlordane-2

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 2042654
Conc: 5.79 ng/ml



#24 Chlordane-2

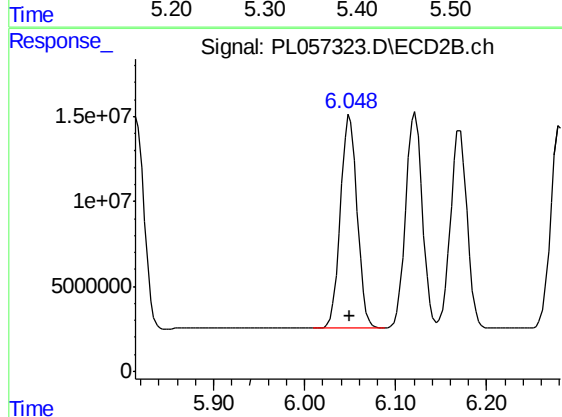
R.T.: 5.432 min
Delta R.T.: 0.024 min
Response: 161284409
Conc: 1689.65 ng/ml



#25 Chlordane-3

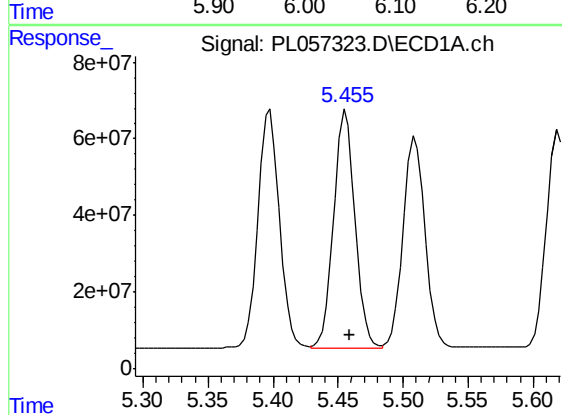
R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 715811337
Conc: 663.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



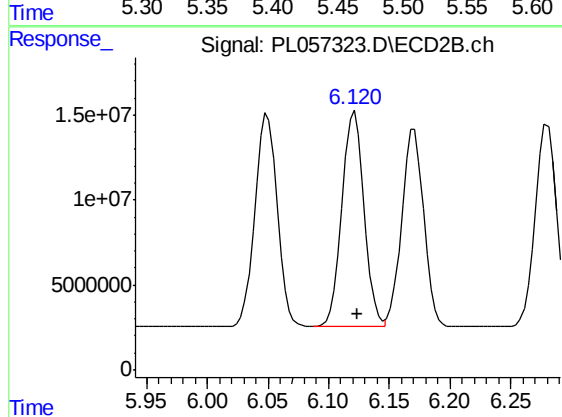
#25 Chlordane-3

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 160090023
Conc: 422.41 ng/ml



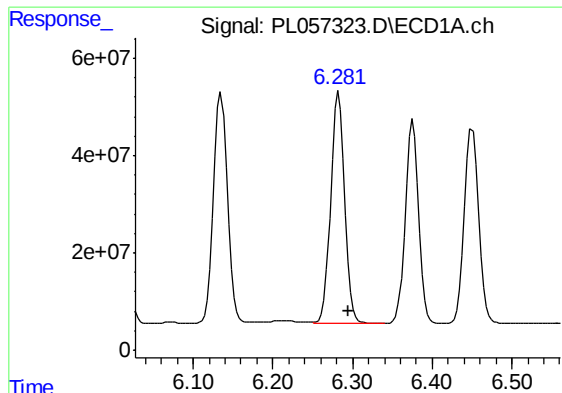
#26 Chlordane-4

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 704200312
Conc: 766.27 ng/ml



#26 Chlordane-4

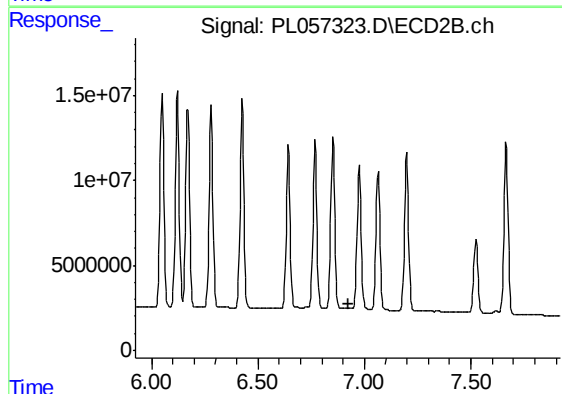
R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 161056967
Conc: 351.24 ng/ml



#27 Chlordane-5

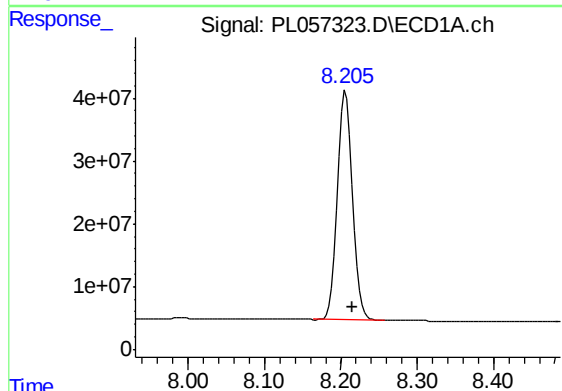
R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 582884489
Conc: 1604.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



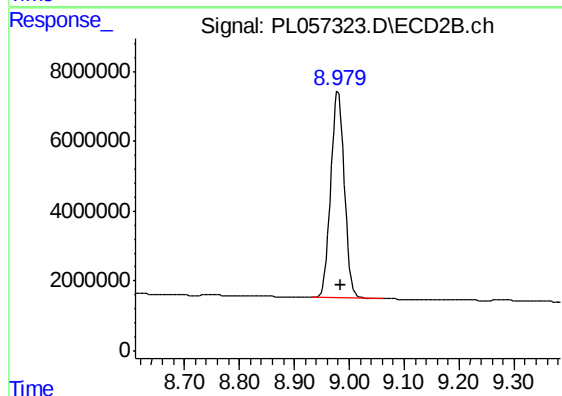
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.010 min
Response: 499657370
Conc: 51.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.004 min
Response: 101778573
Conc: 47.90 ng/ml