

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
 Data File : PL056037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 16:00
 Operator : AJ\MA
 Sample : L1246-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1MSD

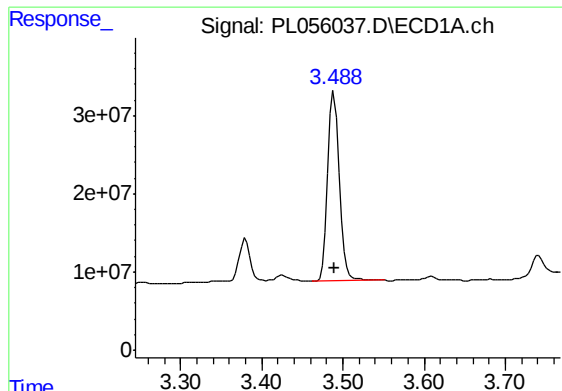
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:19:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.489	3.966	237.6E6	73357915	24.791	25.956
28)	SA Decachlor...	8.235	8.953	199.1E6	45030281	19.039	19.656
Target Compounds							
2)	A alpha-BHC	3.927	4.350	880.6E6	274.1E6	53.068	64.635
3)	MA gamma-BHC...	4.210	4.629	821.8E6	231.6E6	54.168	58.389
4)	MA Heptachlor	4.513	5.129	25218.1E6	10068.0E6	1688.812	2977.492 #
5)	MB Aldrin	4.762	5.404f	1168.4E6	1403.1E6	79.830	409.307 #
6)	B beta-BHC	4.459	4.797	319.4E6	96580492	49.776	60.859
7)	B delta-BHC	4.665	5.011	1048.0E6	162.0E6	71.498	54.223
8)	B Heptachlor...	5.201	5.801	5335.1E6	2224.7E6	386.775	744.513 #
9)	A Endosulfan I	5.520f	6.162	16313.6E6	158.0E6	1257.317	54.276 #
10)	B gamma-Chl...	5.432	6.041	48958.4E6	8118.5E6	3489.713	2632.643
11)	B alpha-Chl...	5.486	6.114	35192.8E6	6184.5E6	2545.698	2003.035
12)	B 4,4'-DDE	5.649	6.266	600.7E6	206.5E6	45.993	70.529 #
13)	MA Dieldrin	5.782	6.416	630.1E6	219.0E6	45.550	72.453 #
14)	MA Endrin	6.040	6.632	1267.5E6	125.7E6	100.332	49.596 #
15)	B Endosulfa...	6.321	6.842	6281.6E6	271.6E6	562.499	101.287 #
17)	MA 4,4'-DDT	6.404	7.048	695.1E6	169.0E6	68.679	74.855
18)	B Endrin al...	6.480	6.960	570.8E6	207.5E6	54.924	91.900 #
19)	B Endosulfa...	6.693	7.183	444.8E6	135.8E6	41.129	54.857 #
20)	A Methoxychlor	6.946	7.501	240.9E6	92603446	46.164	77.609 #
21)	B Endrin ke...	7.182	7.650	623.7E6	160.6E6	49.540	60.831
22)	Mirex	7.372	8.098	395.9E6	89483432	56.364	49.040
23)	Chlordane-1	4.360	4.942	2544.3E6	710.3E6	6939.569	6745.556
24)	Chlordane-2	4.859	5.404	5009.9E6	1403.1E6	11577.062	12726.633
25)	Chlordane-3	5.432	6.041	48958.4E6	8118.5E6	39314.854	20453.926 #
26)	Chlordane-4	5.486	6.114	35192.8E6	6184.5E6	34129.748	13174.648 #
27)	Chlordane-5	6.321	6.910	6281.6E6	1314.3E6	16060.836	16042.044

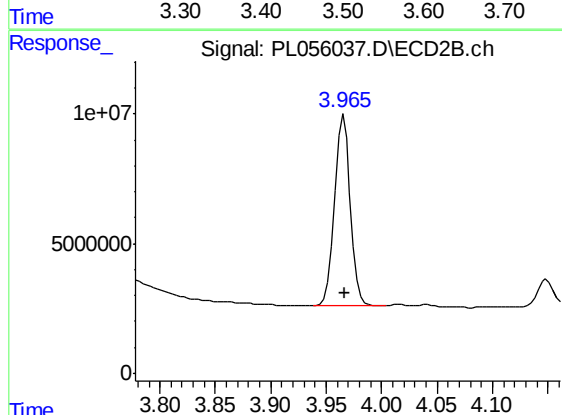
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

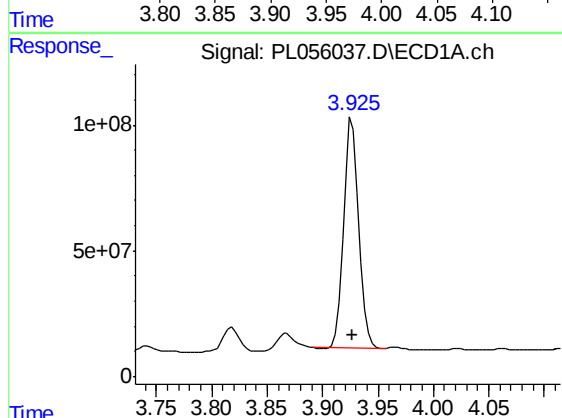
R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 237604821
Conc: 24.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



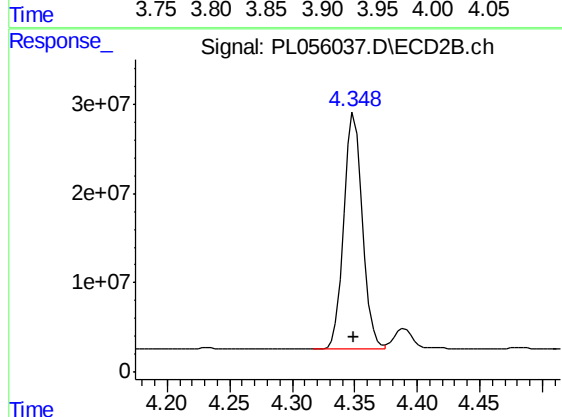
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 73357915
Conc: 25.96 ng/ml



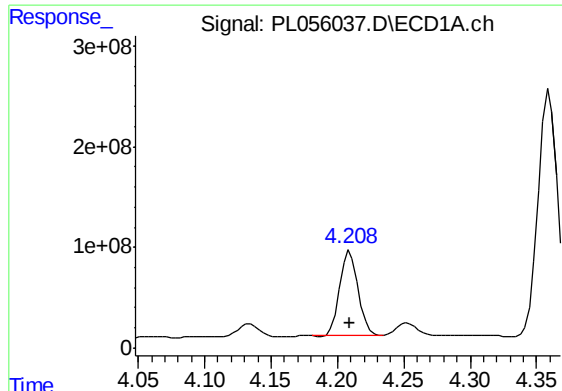
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 880577150
Conc: 53.07 ng/ml



#2 alpha-BHC

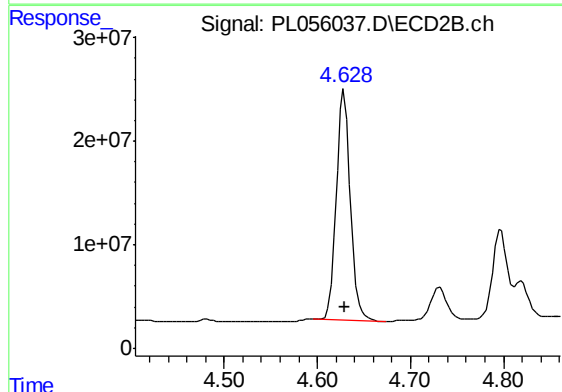
R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 274107239
Conc: 64.64 ng/ml



#3 gamma-BHC (Lindane)

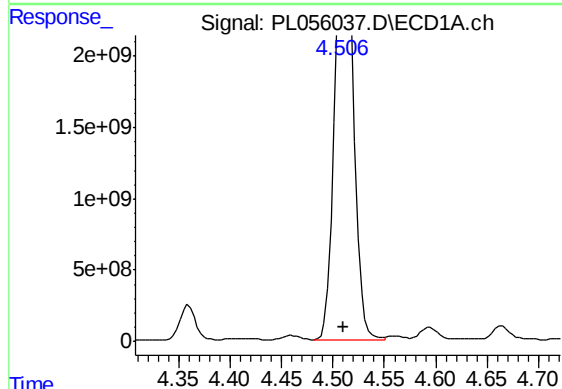
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 821780031
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



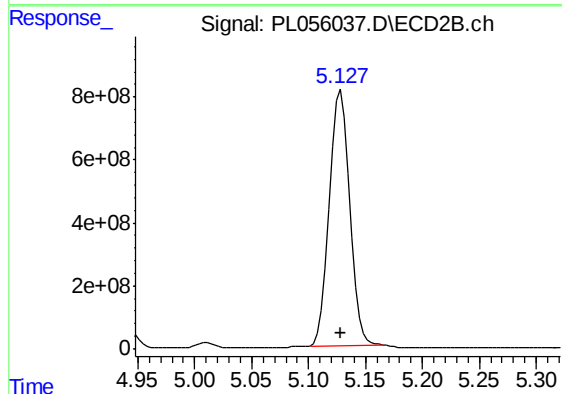
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 231619988
Conc: 58.39 ng/ml



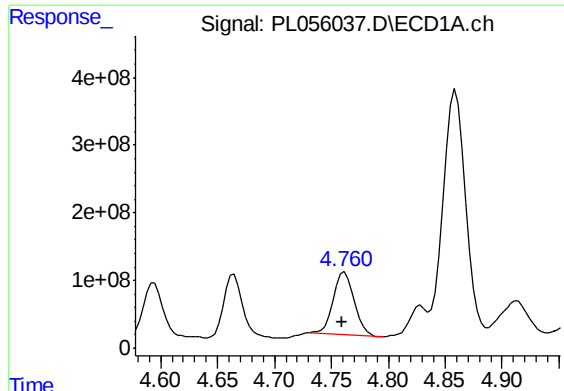
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 25218130062
Conc: 1688.81 ng/ml



#4 Heptachlor

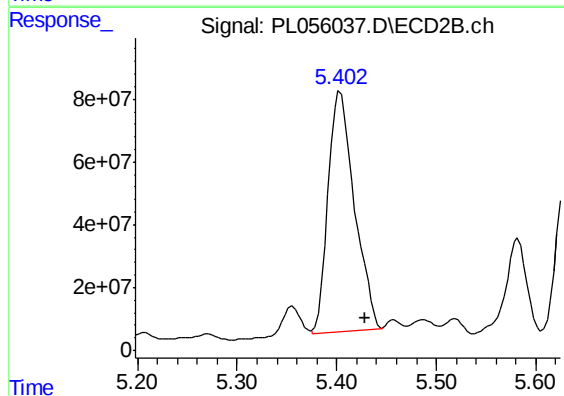
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 10067958704
Conc: 2977.49 ng/ml



#5 Aldrin

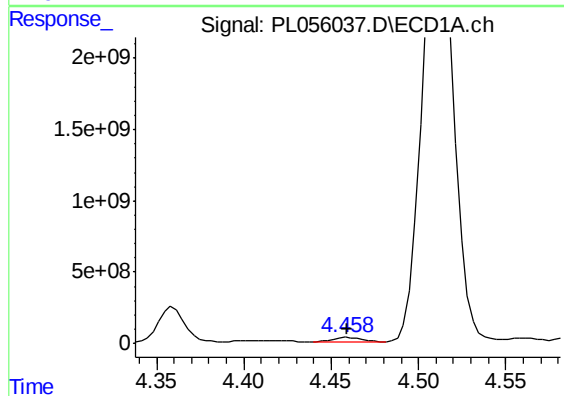
R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 1168382848
Conc: 79.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



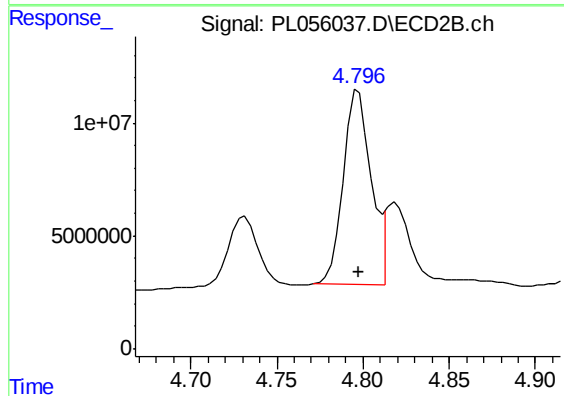
#5 Aldrin

R.T.: 5.404 min
Delta R.T.: -0.025 min
Response: 1403066124
Conc: 409.31 ng/ml



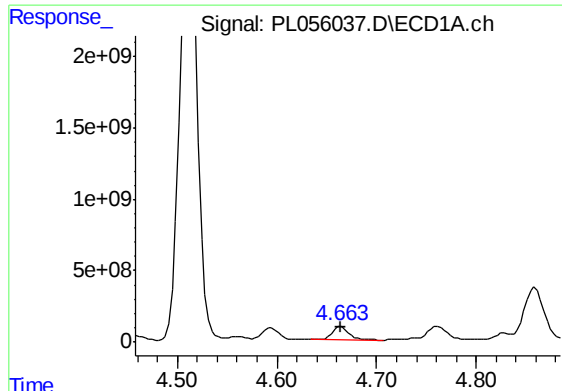
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 319428774
Conc: 49.78 ng/ml



#6 beta-BHC

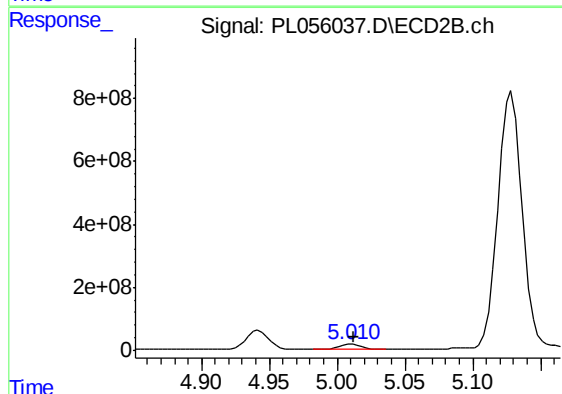
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 96580492
Conc: 60.86 ng/ml



#7 delta-BHC

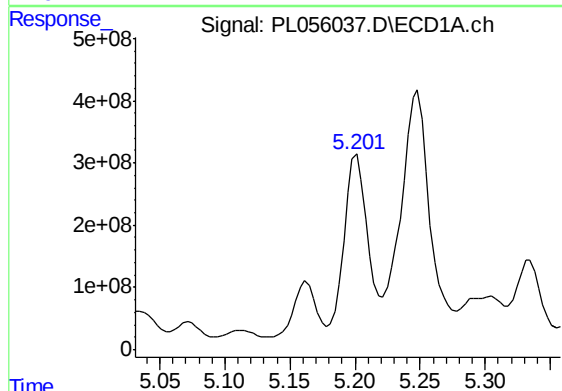
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 1047950550
Conc: 71.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



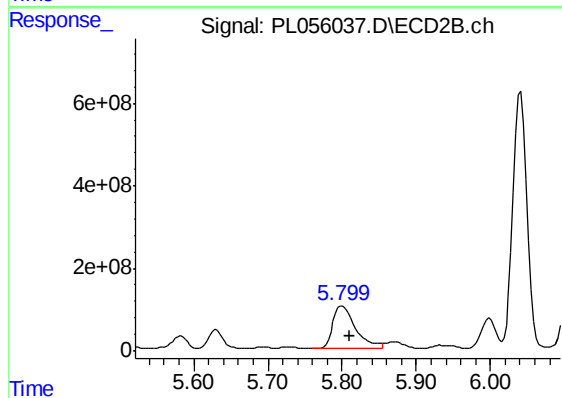
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 162010449
Conc: 54.22 ng/ml



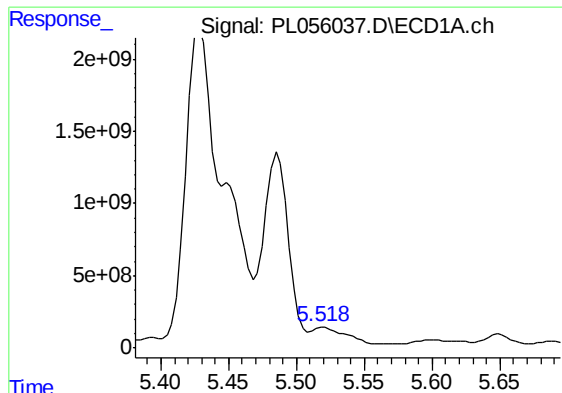
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 5335138986
Conc: 386.77 ng/ml



#8 Heptachlor epoxide

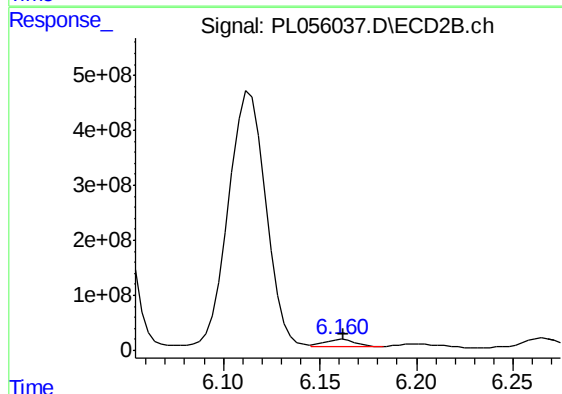
R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 2224659686
Conc: 744.51 ng/ml



#9 Endosulfan I

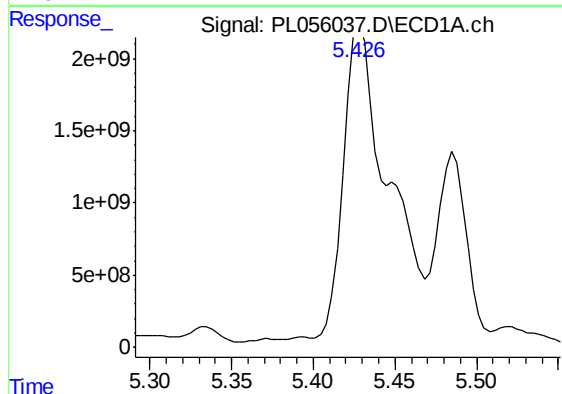
R.T.: 5.520 min
Delta R.T.: -0.020 min
Response: 16313612648
Conc: 1257.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



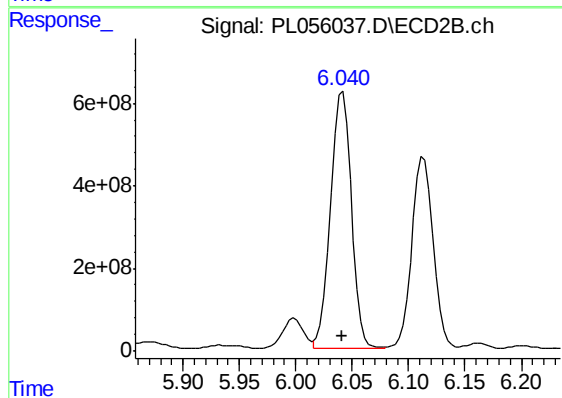
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 158039663
Conc: 54.28 ng/ml



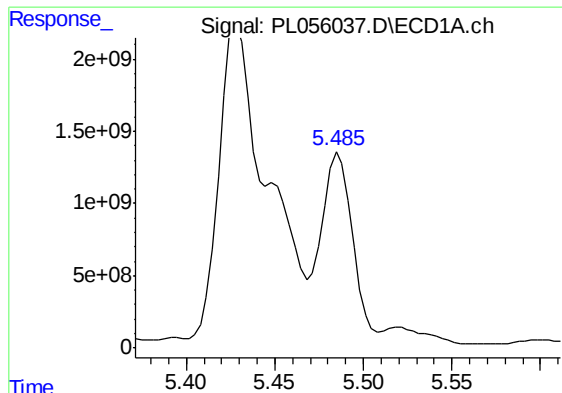
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.004 min
Response: 48958420843
Conc: 3489.71 ng/ml



#10 gamma-Chlordane

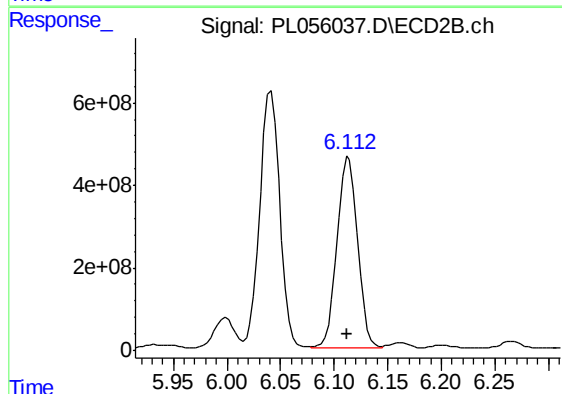
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8118512742
Conc: 2632.64 ng/ml



#11 alpha-Chlordane

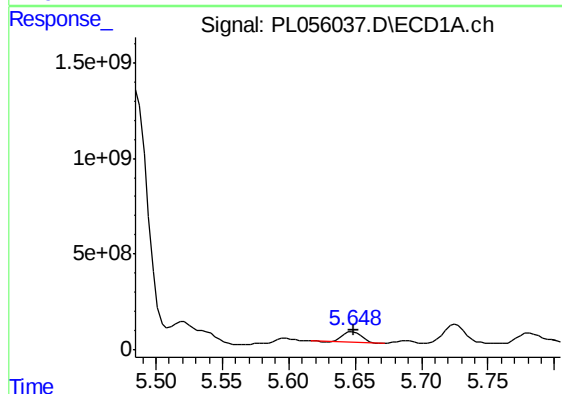
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 35192821201
Conc: 2545.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



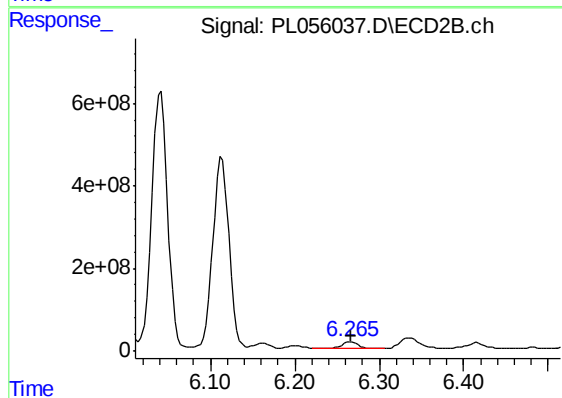
#11 alpha-Chlordane

R.T.: 6.114 min
Delta R.T.: 0.001 min
Response: 6184505957
Conc: 2003.04 ng/ml



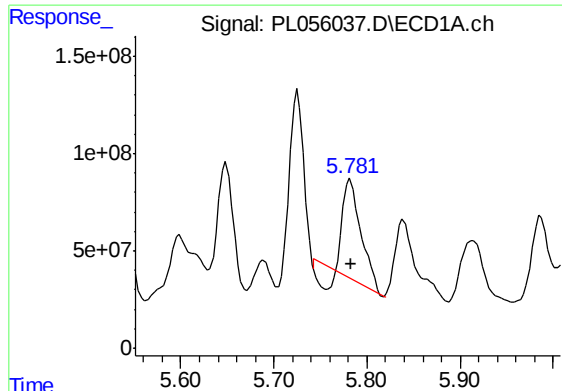
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 600742522
Conc: 45.99 ng/ml



#12 4,4'-DDE

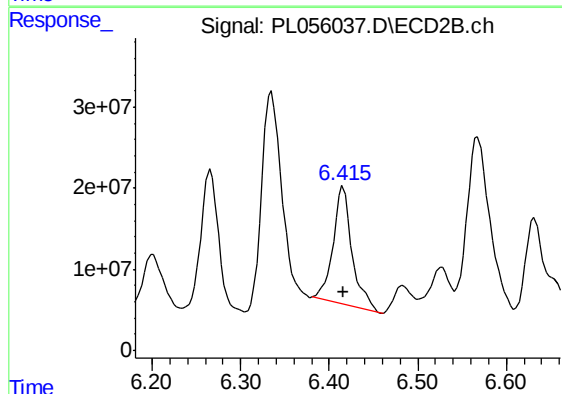
R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 206547599
Conc: 70.53 ng/ml



#13 Dieldrin

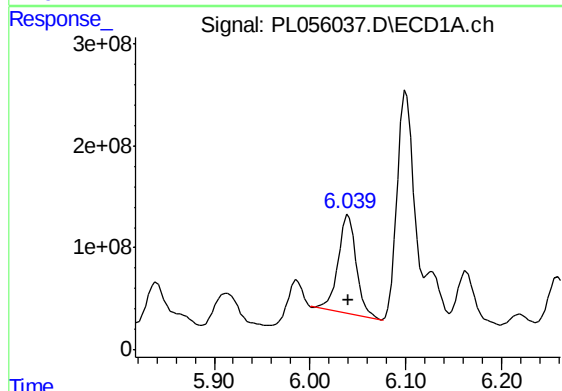
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 630055825
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



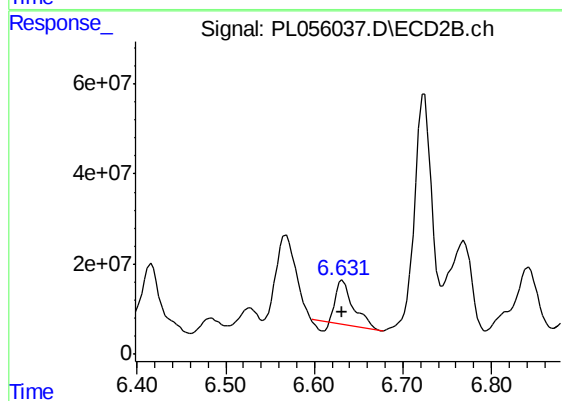
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 218963693
Conc: 72.45 ng/ml



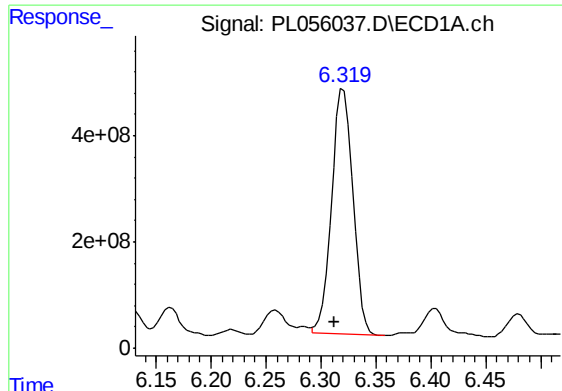
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 1267548843
Conc: 100.33 ng/ml



#14 Endrin

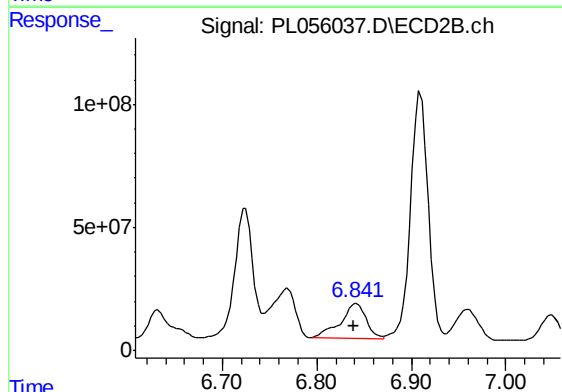
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 125661445
Conc: 49.60 ng/ml



#15 Endosulfan II

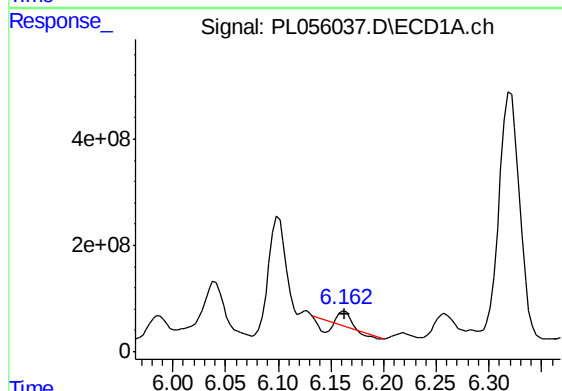
R.T.: 6.321 min
Delta R.T.: 0.008 min
Response: 6281637815
Conc: 562.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



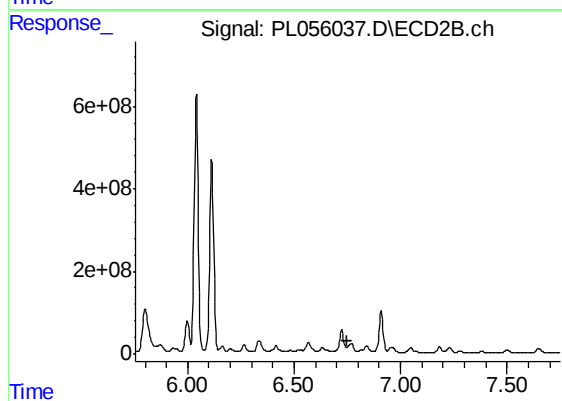
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.003 min
Response: 271632052
Conc: 101.29 ng/ml



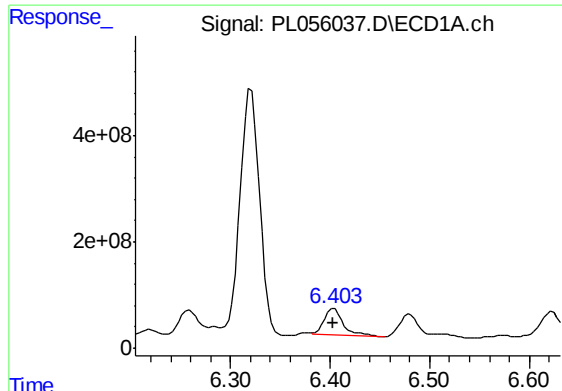
#16 4,4'-DDD

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 44497968
Conc: 4.47 ng/ml



#16 4,4'-DDD

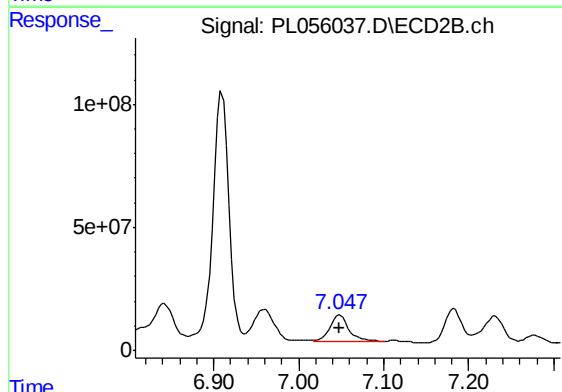
R.T.: 6.769 min
Delta R.T.: 0.017 min
Response: -179181706
Conc: N.D.



#17 4,4'-DDT

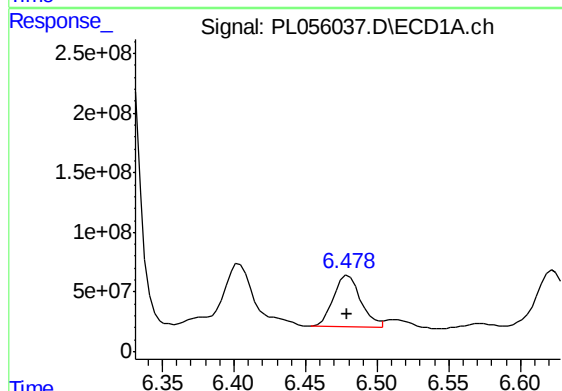
R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 695100817
Conc: 68.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



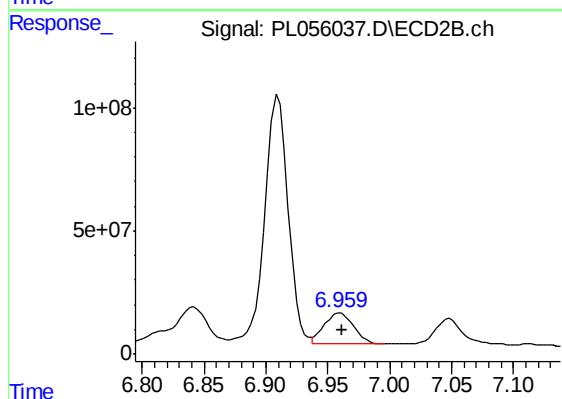
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 169008200
Conc: 74.86 ng/ml



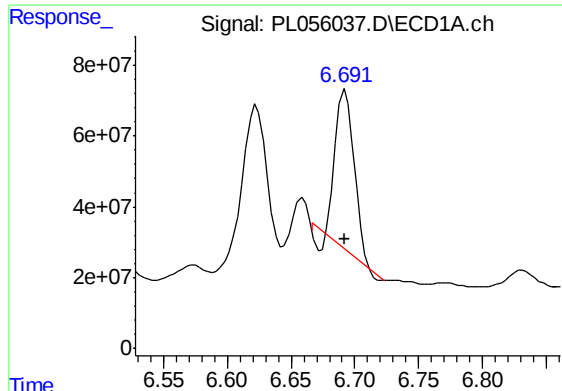
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 570811712
Conc: 54.92 ng/ml



#18 Endrin aldehyde

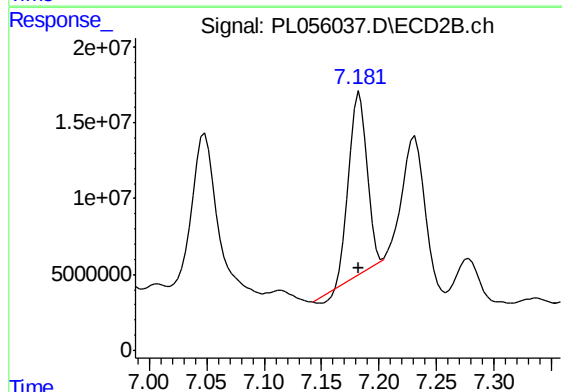
R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 207461300
Conc: 91.90 ng/ml



#19 Endosulfan Sulfate

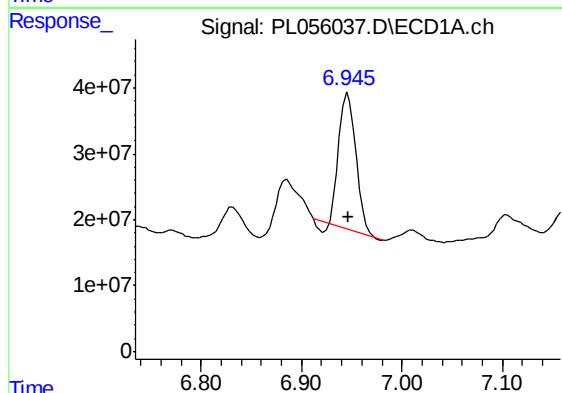
R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 444805261
Conc: 41.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



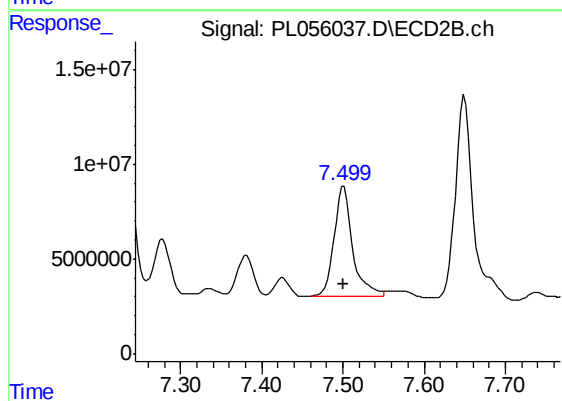
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 135804190
Conc: 54.86 ng/ml



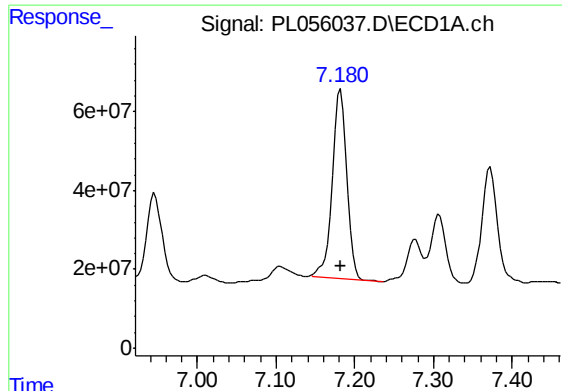
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 240903757
Conc: 46.16 ng/ml



#20 Methoxychlor

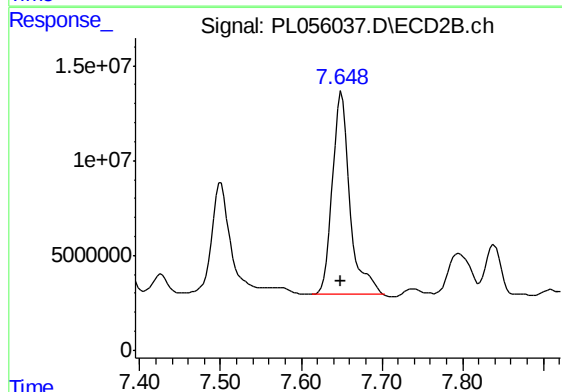
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 92603446
Conc: 77.61 ng/ml



#21 Endrin ketone

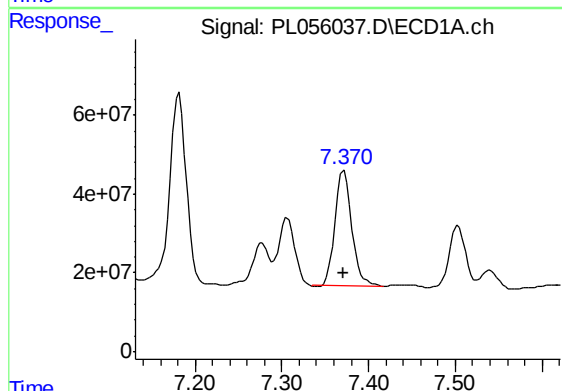
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 623670082
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



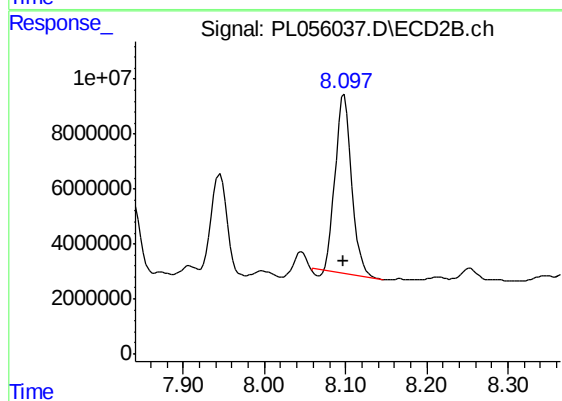
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 160633305
Conc: 60.83 ng/ml



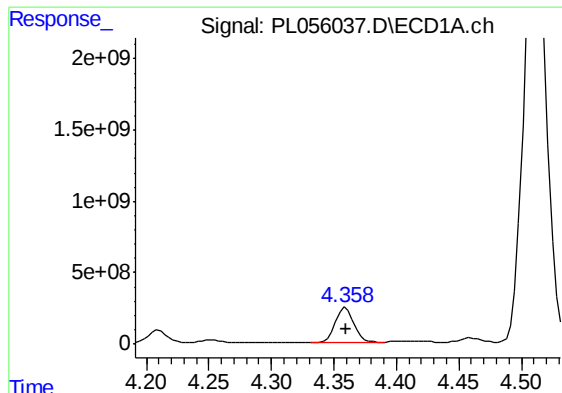
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 395863260
Conc: 56.36 ng/ml



#22 Mirex

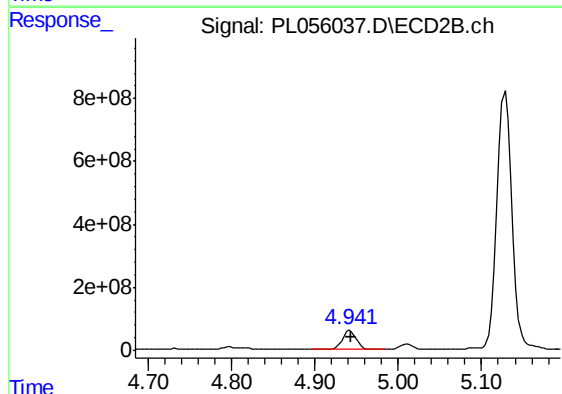
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 89483432
Conc: 49.04 ng/ml



#23 Chlordane-1

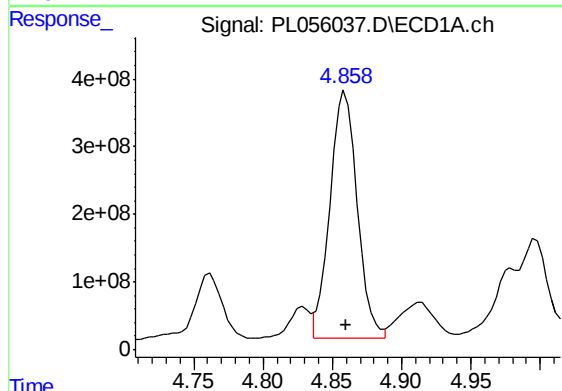
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2544331830
Conc: 6939.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



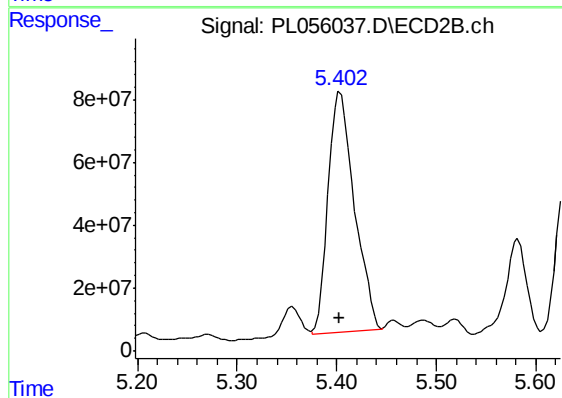
#23 Chlordane-1

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 710292743
Conc: 6745.56 ng/ml



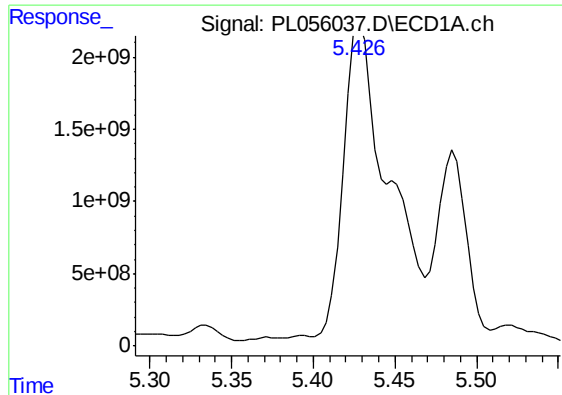
#24 Chlordane-2

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 5009924008
Conc: 11577.06 ng/ml



#24 Chlordane-2

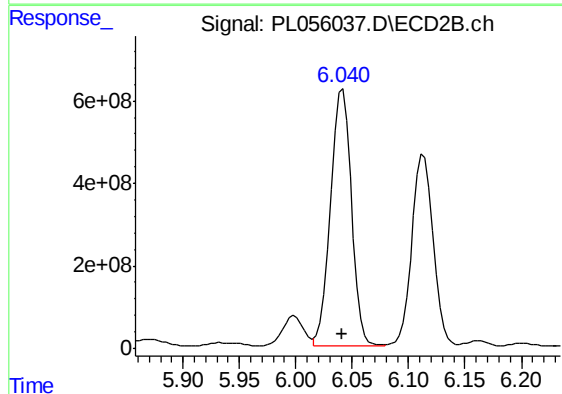
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 1403066124
Conc: 12726.63 ng/ml



#25 Chlordane-3

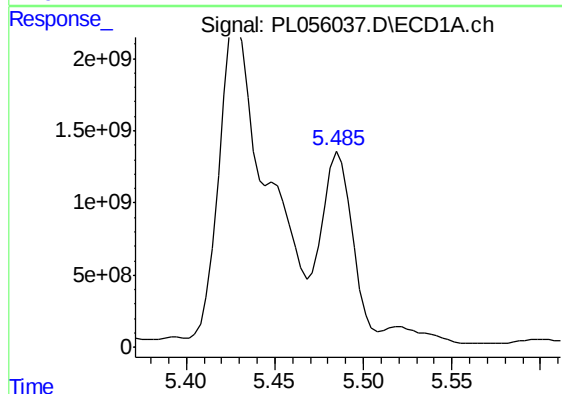
R.T.: 5.432 min
Delta R.T.: 0.003 min
Response: 48958420843
Conc: 39314.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



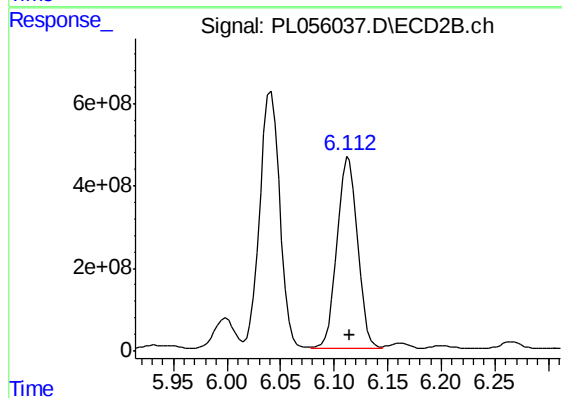
#25 Chlordane-3

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8118512742
Conc: 20453.93 ng/ml



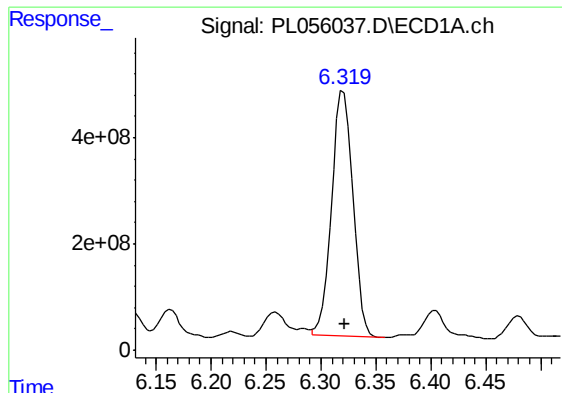
#26 Chlordane-4

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 35192821201
Conc: 34129.75 ng/ml



#26 Chlordane-4

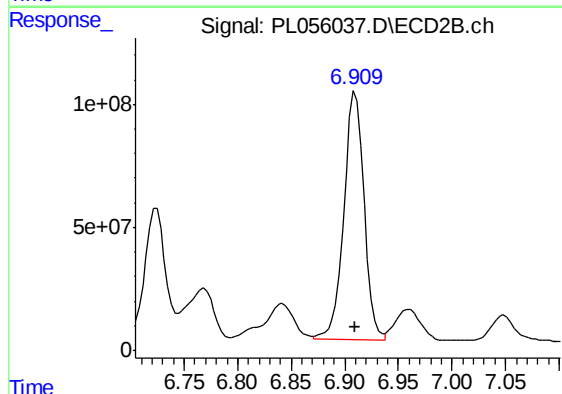
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 6184505957
Conc: 13174.65 ng/ml



#27 Chlordane-5

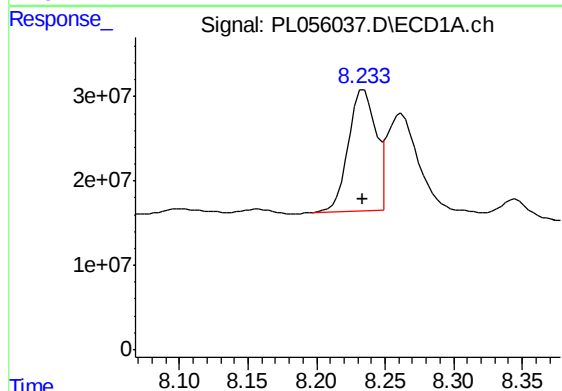
R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 6281637815
Conc: 16060.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1MSD



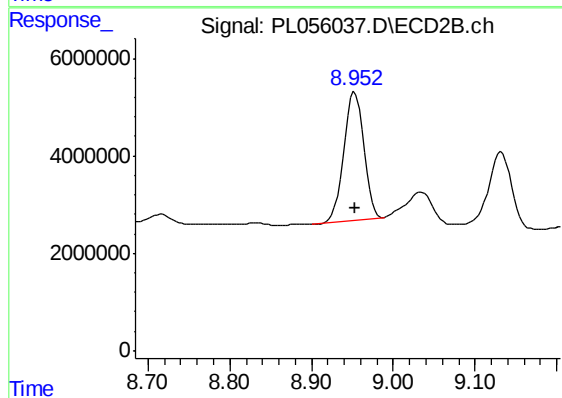
#27 Chlordane-5

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 1314261832
Conc: 16042.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.001 min
Response: 199070694
Conc: 19.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 45030281
Conc: 19.66 ng/ml