

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051819\
 Data File : PL048656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2019 15:51
 Operator : SM\AJ
 Sample : PB119789BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB119789BS

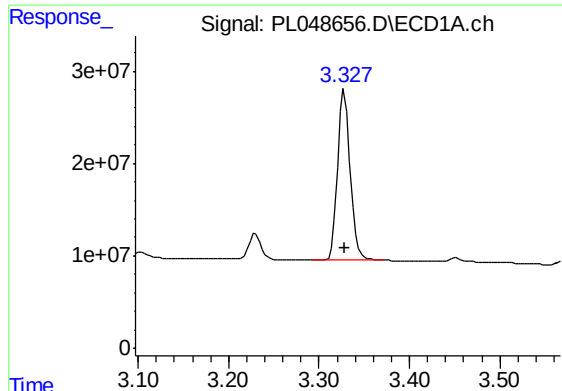
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 23:17:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.328	3.940	176.8E6	49749450	18.247	19.973
28)	SA Decachlor...	7.998	8.979	189.0E6	54267330	18.797	20.445
Target Compounds							
2)	A alpha-BHC	3.756	4.329	807.3E6	197.2E6	52.195	56.145
3)	MA gamma-BHC...	4.033	4.612	750.9E6	181.5E6	52.846	55.574
4)	MA Heptachlor	4.318	5.116	749.9E6	183.6E6	50.974	53.034
5)	MB Aldrin	4.557	5.419	720.7E6	170.3E6	52.602	54.989
6)	B beta-BHC	4.287	4.787	303.6E6	84222418	51.445	54.127
7)	B delta-BHC	4.480	5.001	722.2E6	162.5E6	51.150	57.458
8)	B Heptachlor...	4.994	5.805	653.1E6	156.0E6	50.689	53.474
9)	A Endosulfan I	5.325	6.160	611.0E6	149.6E6	50.789	52.920
10)	B gamma-Chl...	5.216	6.039	674.7E6	162.6E6	50.530	52.813
11)	B alpha-Chl...	5.272	6.111	653.7E6	161.0E6	50.004	52.475
12)	B 4,4'-DDE	5.440	6.271	628.3E6	149.2E6	49.533	54.022
13)	MA Dieldrin	5.564	6.417	653.2E6	155.9E6	50.166	53.143
14)	MA Endrin	5.817	6.634	528.9E6	121.3E6	43.447	46.505
15)	B Endosulfa...	6.091	6.845	564.7E6	139.2E6	48.929	51.623
16)	A 4,4'-DDD	5.951	6.761	517.8E6	126.2E6	53.193	56.229
17)	MA 4,4'-DDT	6.186	7.058	432.5E6	106.2E6	43.052	45.261
18)	B Endrin al...	6.258	6.969	480.2E6	121.9E6	49.412	52.023
19)	B Endosulfa...	6.470	7.192	504.1E6	129.9E6	46.966	50.177
20)	A Methoxychlor	6.731	7.519	213.6E6	59747573	39.234	43.765
21)	B Endrin ke...	6.952	7.661	592.4E6	145.5E6	50.824	55.680
22)	Mirex	7.126	8.111	551.5E6	147.0E6	61.526	69.728
24)	Chlordane-2	0.000	5.419f	0	170.3E6	N.D.	1316.535 #
25)	Chlordane-3	5.216	6.039	674.7E6	162.6E6	428.498	371.019
26)	Chlordane-4	5.272	6.111	653.7E6	161.0E6	450.286	306.913 #
27)	Chlordane-5	6.091	0.000	564.7E6	0	1202.552	N.D. #

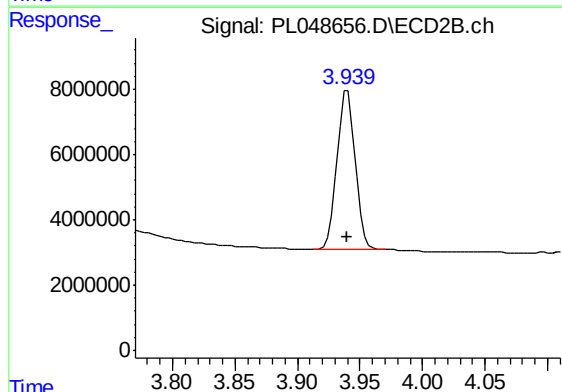
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

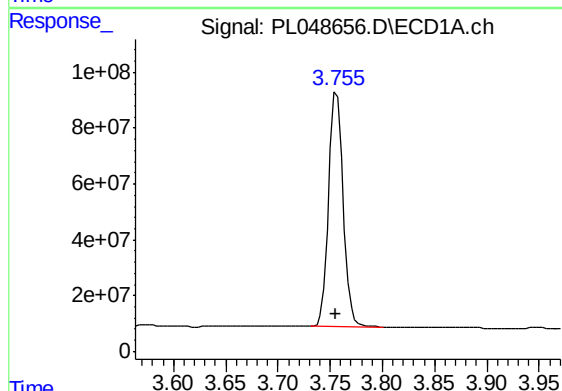
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 176753871
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



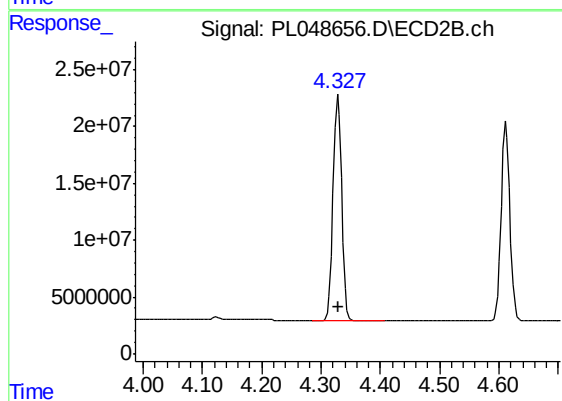
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 49749450
Conc: 19.97 ng/ml



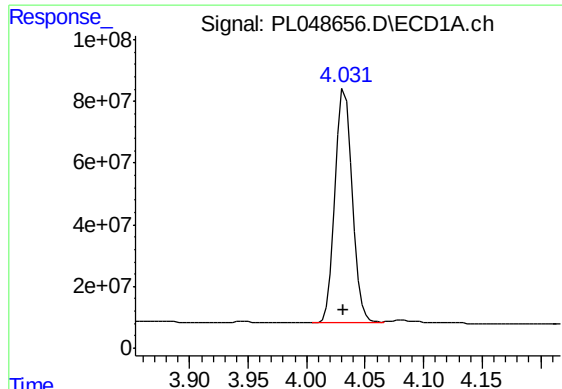
#2 alpha-BHC

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 807329536
Conc: 52.20 ng/ml



#2 alpha-BHC

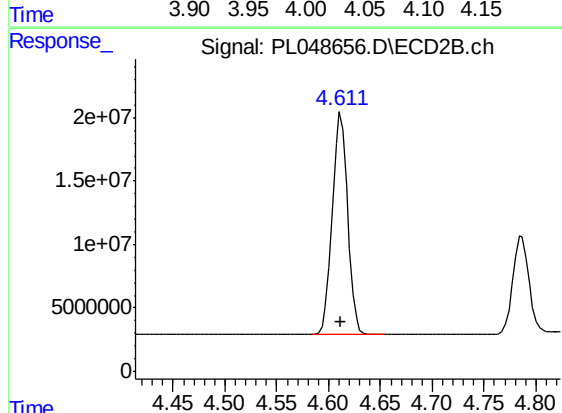
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 197180423
Conc: 56.14 ng/ml



#3 gamma-BHC (Lindane)

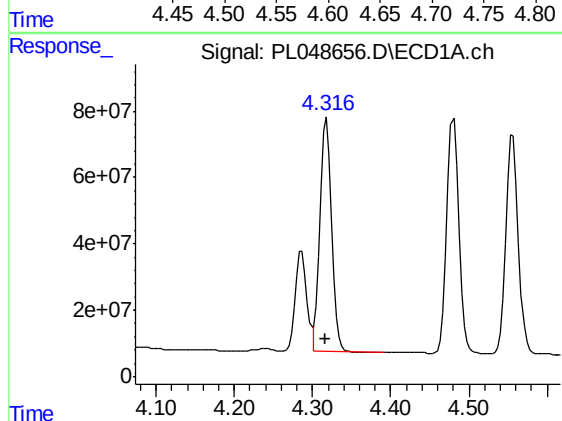
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 750897442
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



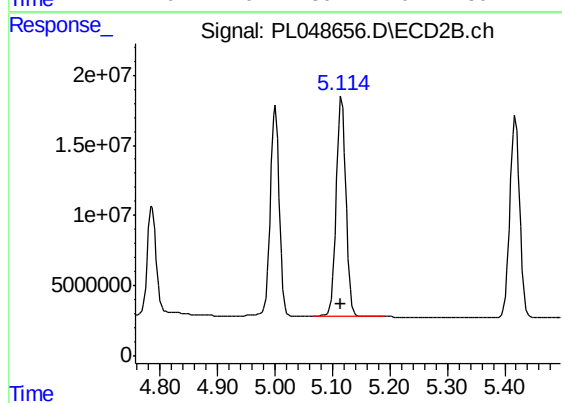
#3 gamma-BHC (Lindane)

R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 181513362
Conc: 55.57 ng/ml



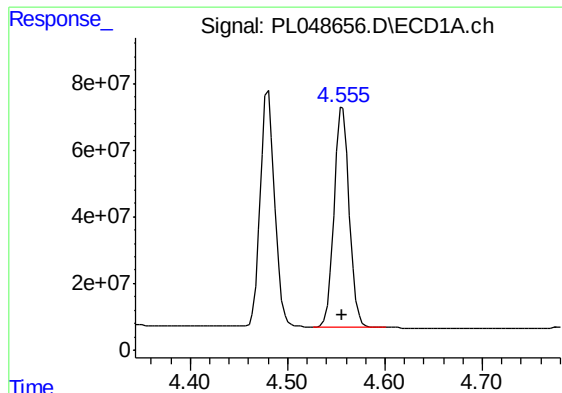
#4 Heptachlor

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 749930004
Conc: 50.97 ng/ml



#4 Heptachlor

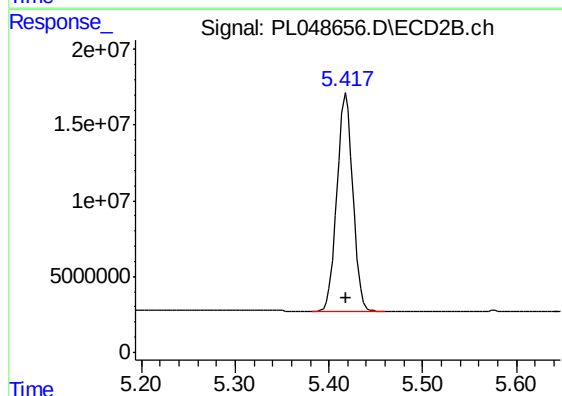
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 183594607
Conc: 53.03 ng/ml



#5 Aldrin

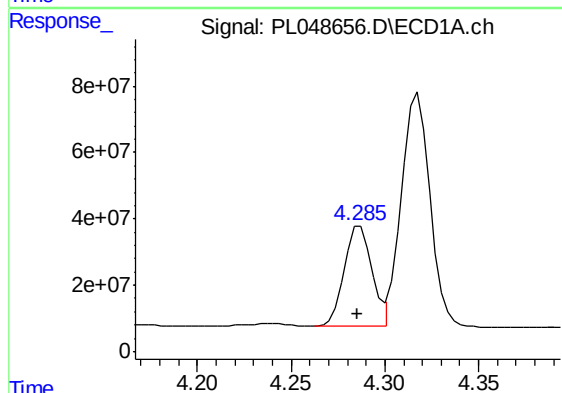
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 720731818
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



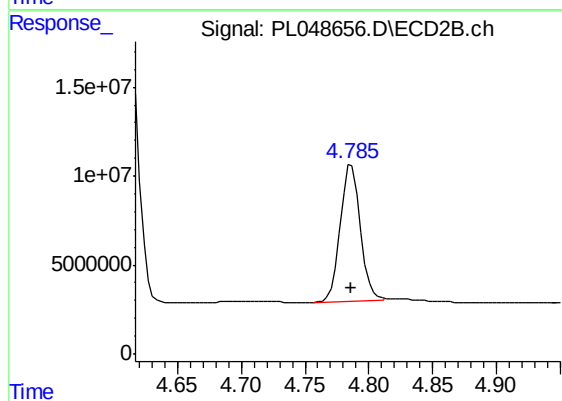
#5 Aldrin

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 170278989
Conc: 54.99 ng/ml



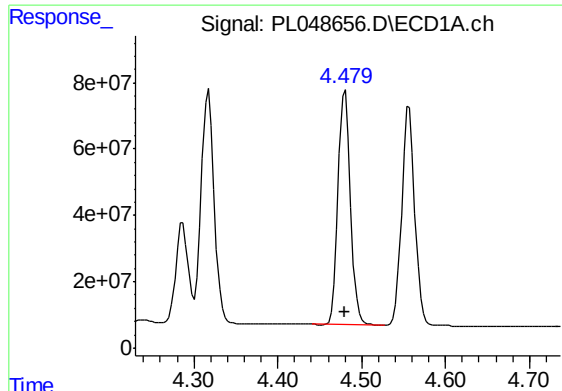
#6 beta-BHC

R.T.: 4.287 min
Delta R.T.: 0.002 min
Response: 303607309
Conc: 51.45 ng/ml



#6 beta-BHC

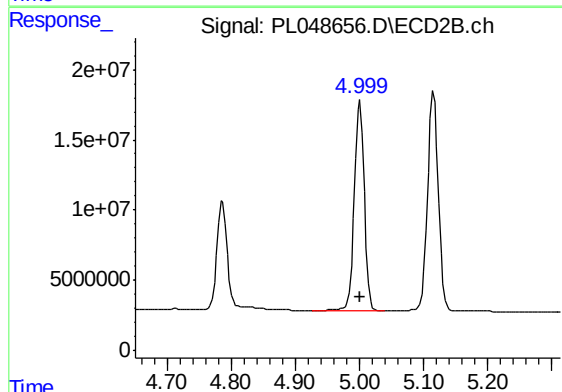
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 84222418
Conc: 54.13 ng/ml



#7 delta-BHC

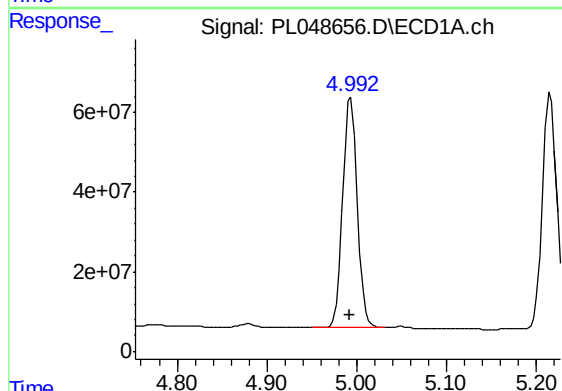
R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 722178413
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



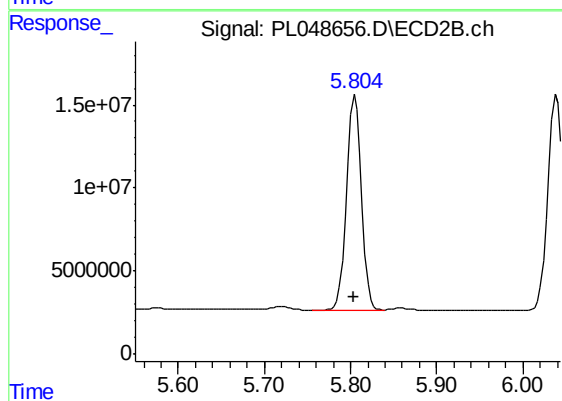
#7 delta-BHC

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 162483842
Conc: 57.46 ng/ml



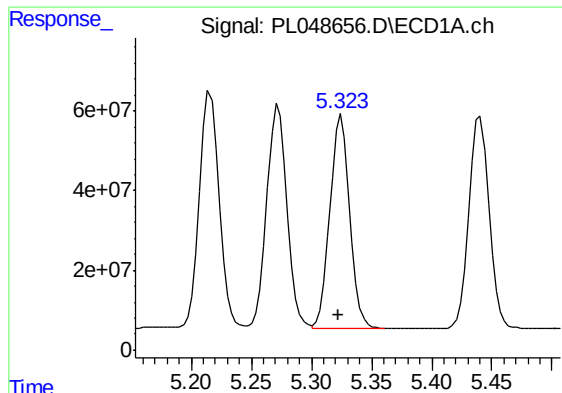
#8 Heptachlor epoxide

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 653117333
Conc: 50.69 ng/ml



#8 Heptachlor epoxide

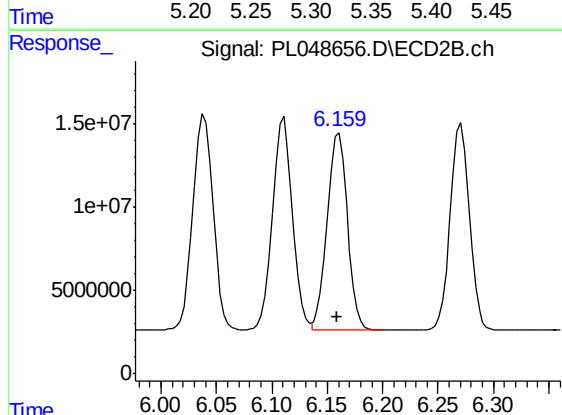
R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 155967485
Conc: 53.47 ng/ml



#9 Endosulfan I

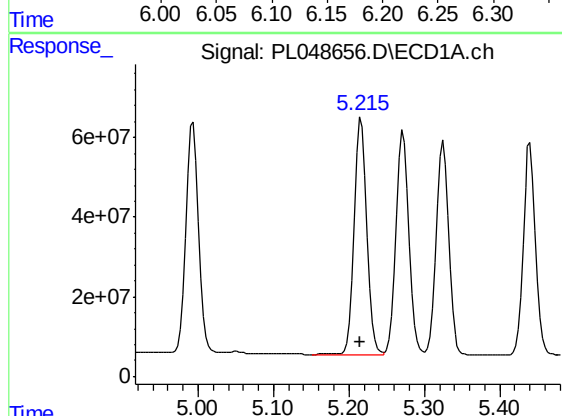
R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 610988037
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



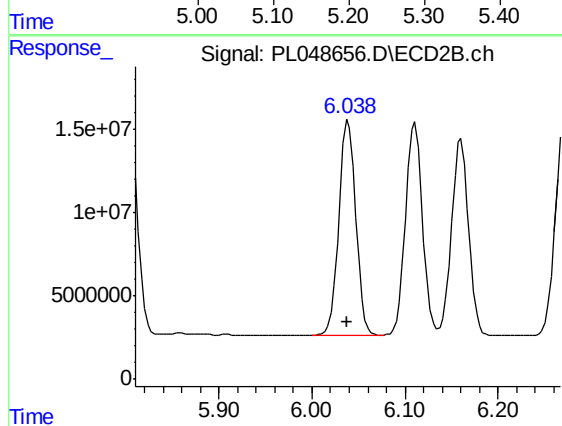
#9 Endosulfan I

R.T.: 6.160 min
Delta R.T.: 0.001 min
Response: 149629963
Conc: 52.92 ng/ml



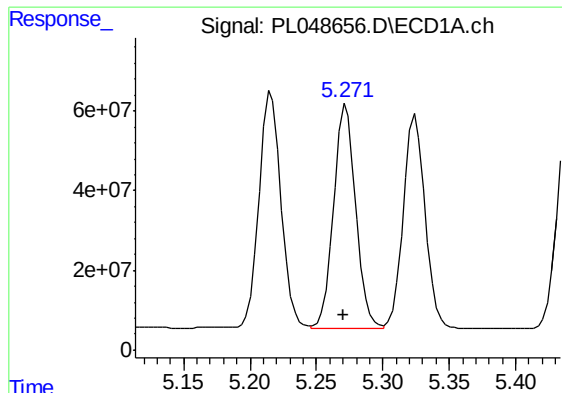
#10 gamma-Chlordane

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 674693682
Conc: 50.53 ng/ml



#10 gamma-Chlordane

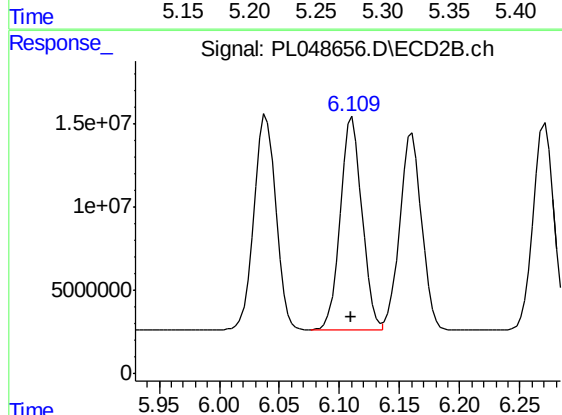
R.T.: 6.039 min
Delta R.T.: 0.001 min
Response: 162592007
Conc: 52.81 ng/ml



#11 alpha-Chlordane

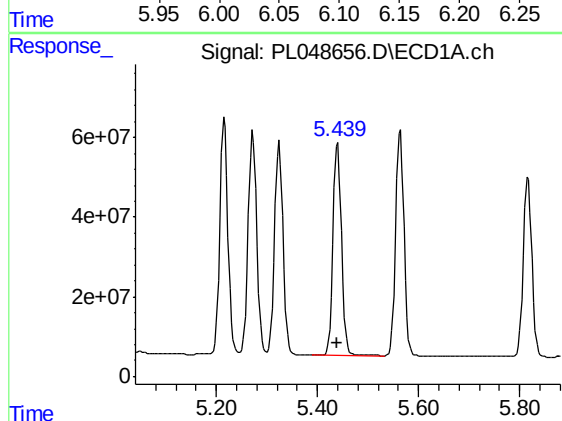
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 653736076
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



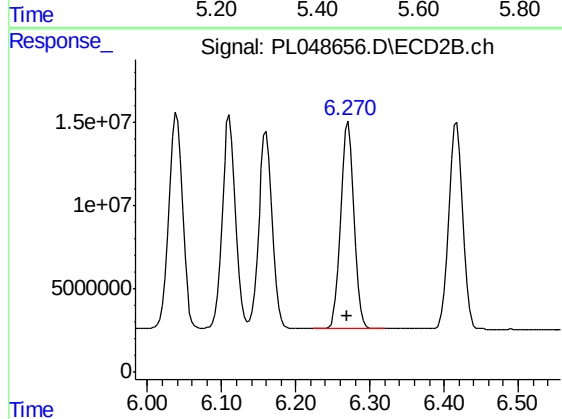
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 161006742
Conc: 52.47 ng/ml



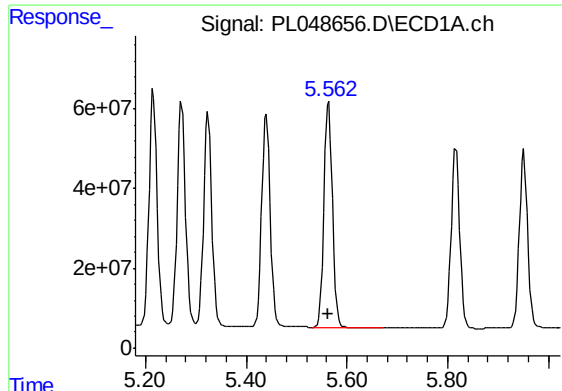
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: 0.001 min
Response: 628334699
Conc: 49.53 ng/ml



#12 4,4'-DDE

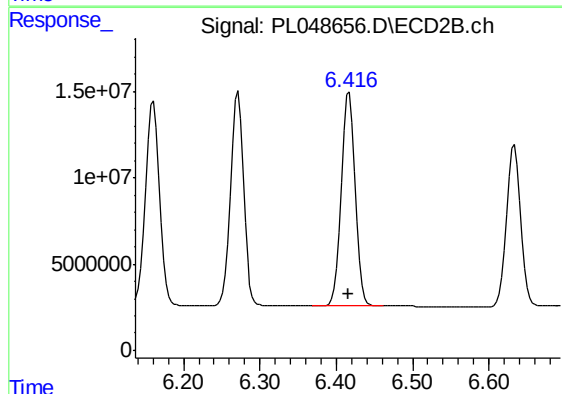
R.T.: 6.271 min
Delta R.T.: 0.001 min
Response: 149151172
Conc: 54.02 ng/ml



#13 Dielddrin

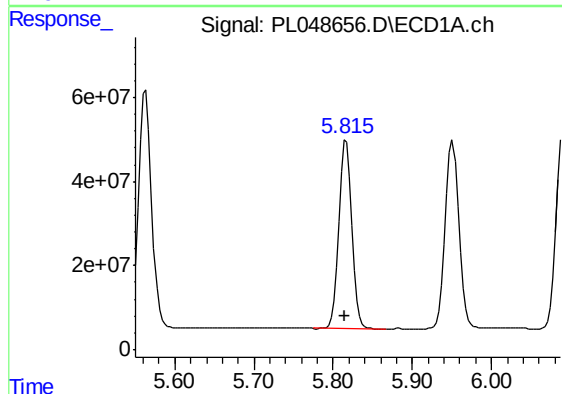
R.T.: 5.564 min
Delta R.T.: 0.002 min
Response: 653192718
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



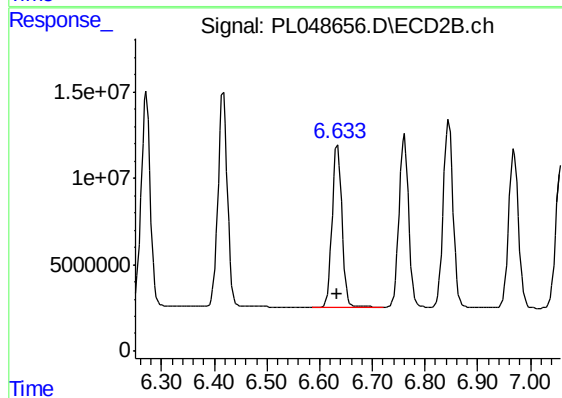
#13 Dielddrin

R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 155904616
Conc: 53.14 ng/ml



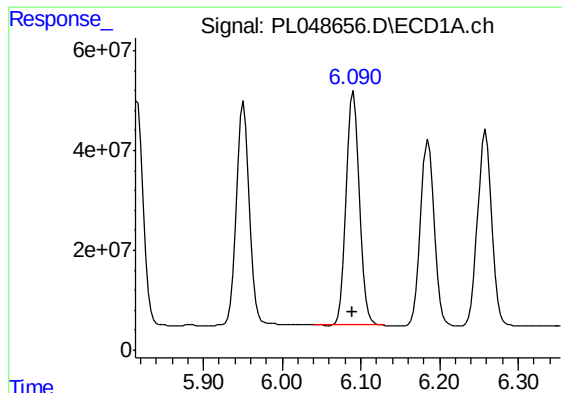
#14 Endrin

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 528922232
Conc: 43.45 ng/ml



#14 Endrin

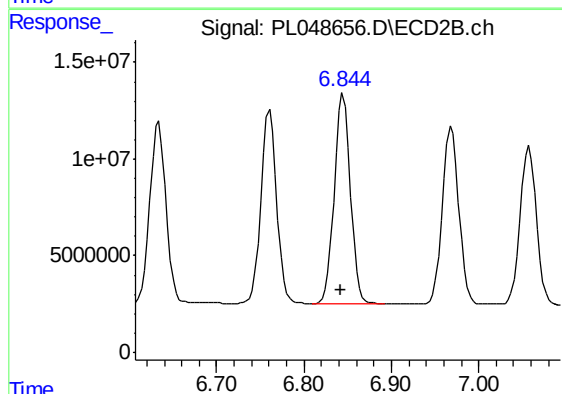
R.T.: 6.634 min
Delta R.T.: 0.002 min
Response: 121256103
Conc: 46.50 ng/ml



#15 Endosulfan II

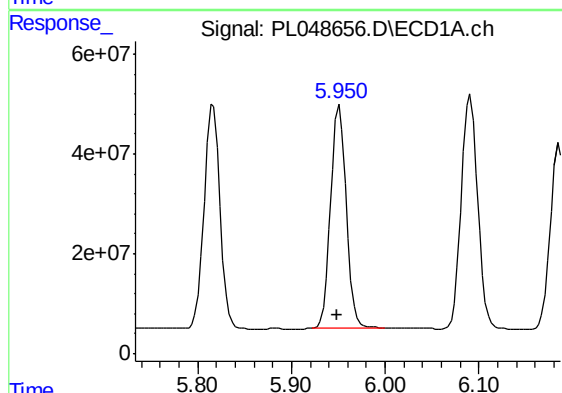
R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 564665620
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



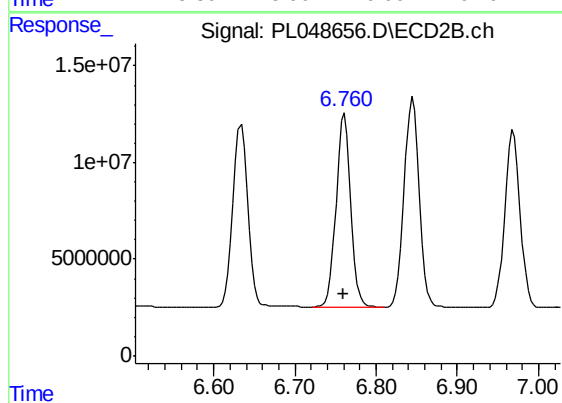
#15 Endosulfan II

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 139206687
Conc: 51.62 ng/ml



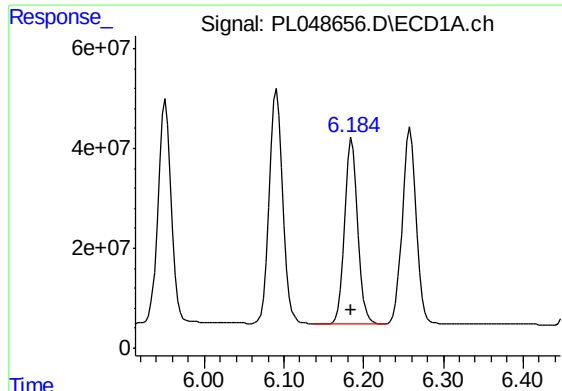
#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 517784889
Conc: 53.19 ng/ml



#16 4,4'-DDD

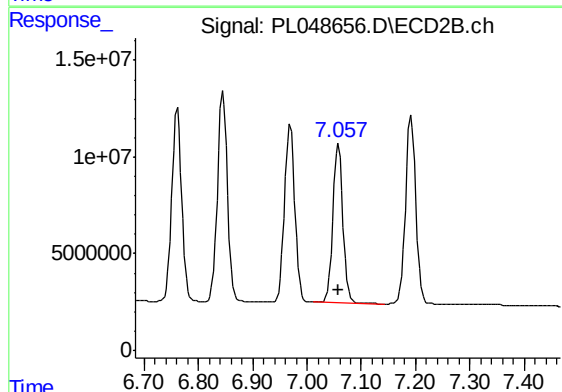
R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 126179604
Conc: 56.23 ng/ml



#17 4,4'-DDT

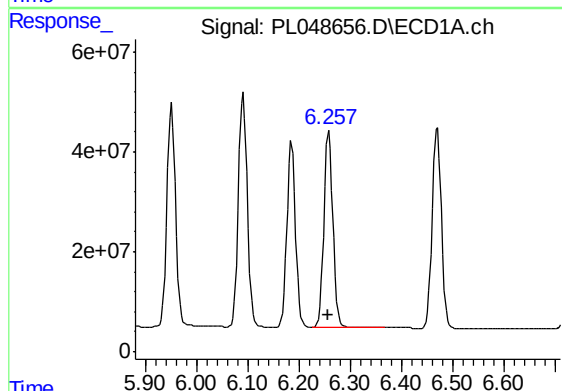
R.T.: 6.186 min
Delta R.T.: 0.002 min
Response: 432523305
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



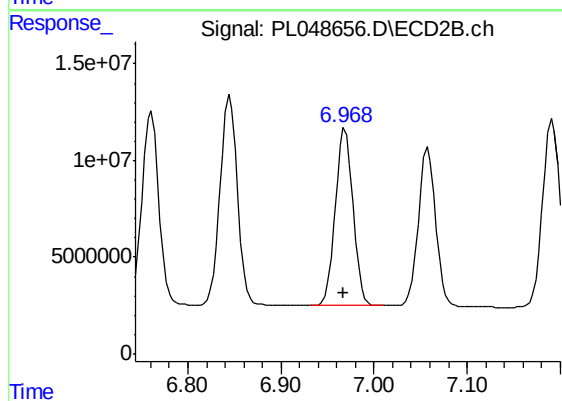
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 106210239
Conc: 45.26 ng/ml



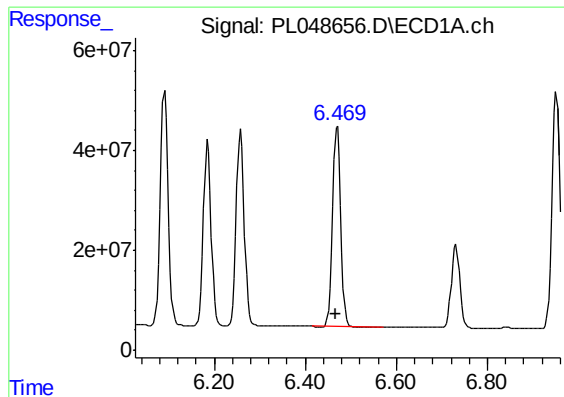
#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 480203040
Conc: 49.41 ng/ml



#18 Endrin aldehyde

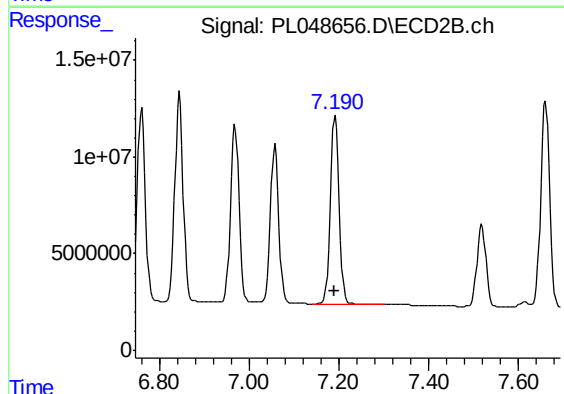
R.T.: 6.969 min
Delta R.T.: 0.002 min
Response: 121913288
Conc: 52.02 ng/ml



#19 Endosulfan Sulfate

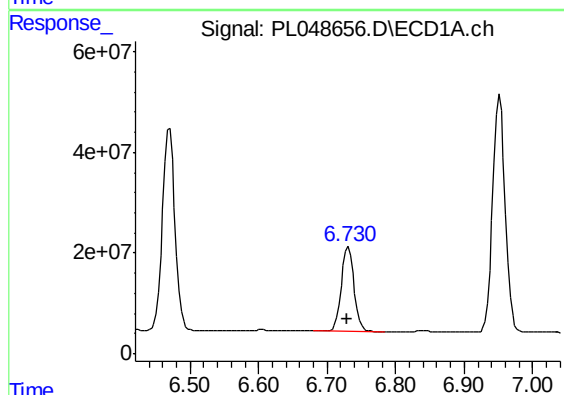
R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 504072179
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



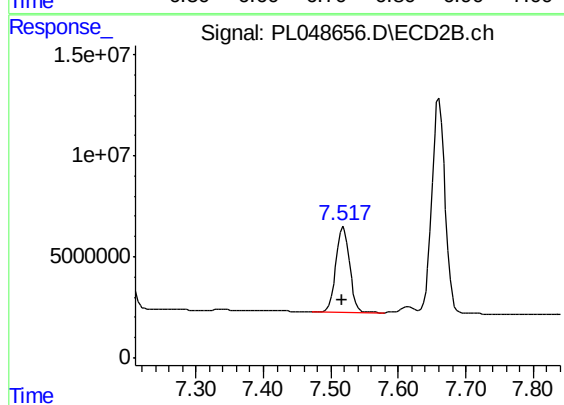
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 129868167
Conc: 50.18 ng/ml



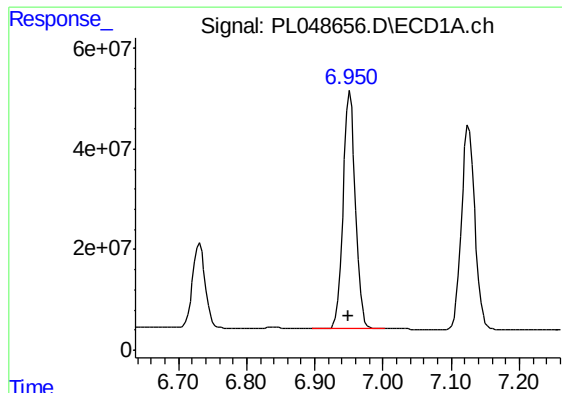
#20 Methoxychlor

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 213617730
Conc: 39.23 ng/ml



#20 Methoxychlor

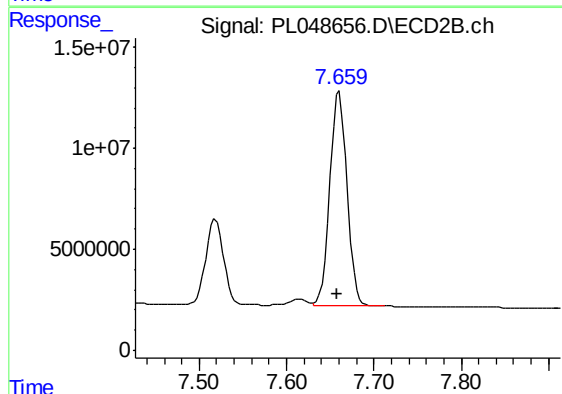
R.T.: 7.519 min
Delta R.T.: 0.002 min
Response: 59747573
Conc: 43.77 ng/ml



#21 Endrin ketone

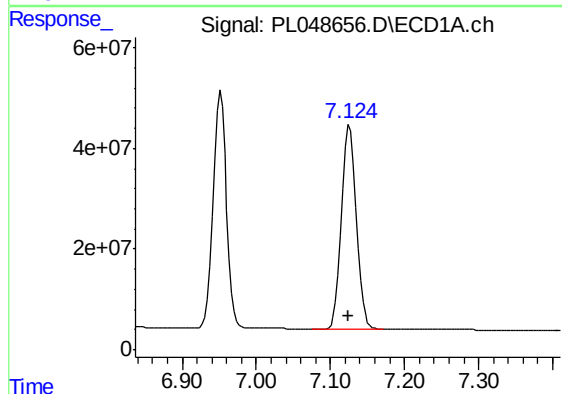
R.T.: 6.952 min
Delta R.T.: 0.002 min
Response: 592353300
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



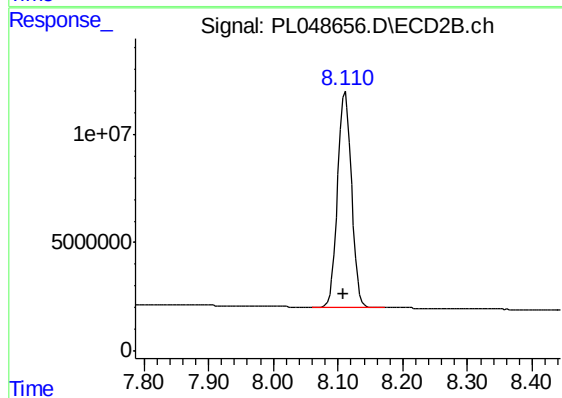
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.002 min
Response: 145481201
Conc: 55.68 ng/ml



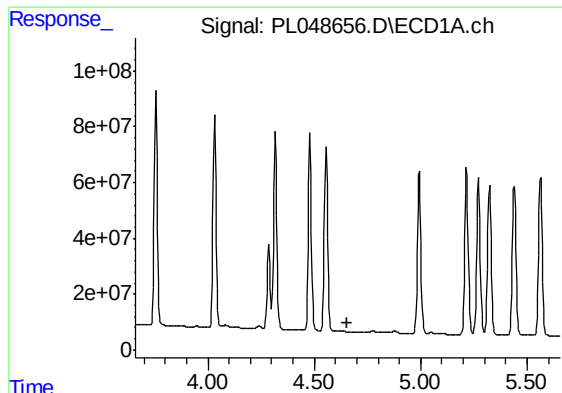
#22 Mirex

R.T.: 7.126 min
Delta R.T.: 0.002 min
Response: 551515564
Conc: 61.53 ng/ml



#22 Mirex

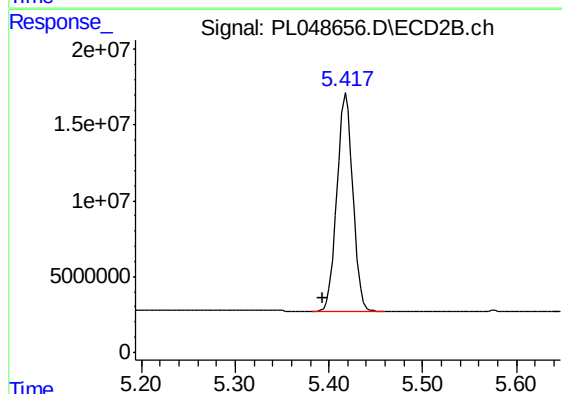
R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 147048138
Conc: 69.73 ng/ml



#24 Chlordane-2

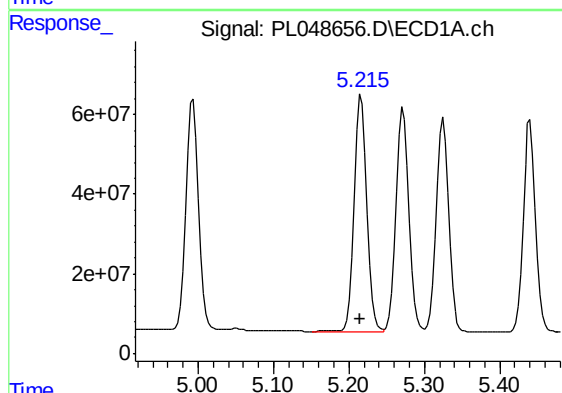
R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB119789BS



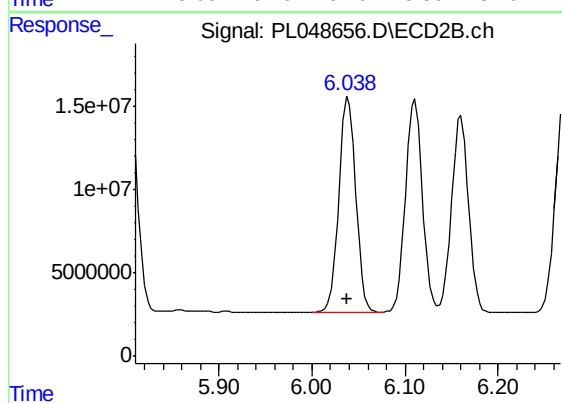
#24 Chlordane-2

R.T.: 5.419 min
Delta R.T.: 0.025 min
Response: 170278989
Conc: 1316.54 ng/ml



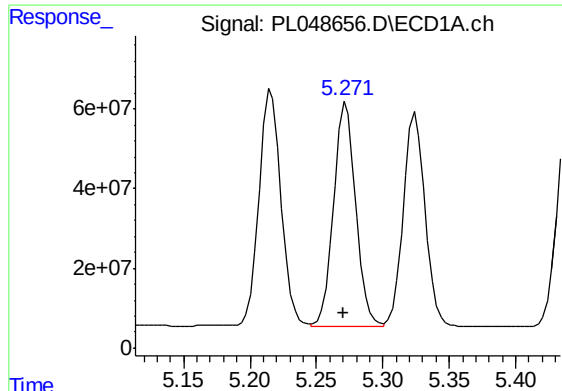
#25 Chlordane-3

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 674693682
Conc: 428.50 ng/ml



#25 Chlordane-3

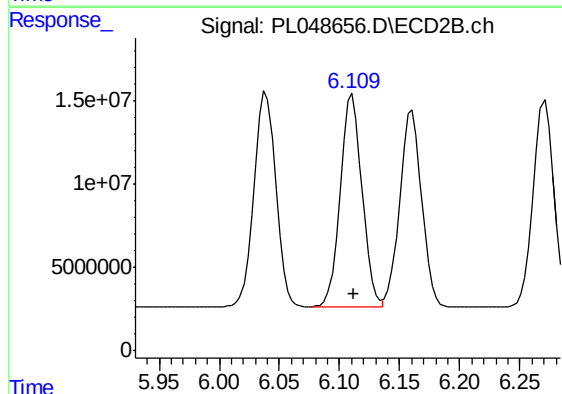
R.T.: 6.039 min
Delta R.T.: 0.001 min
Response: 162592007
Conc: 371.02 ng/ml



#26 Chlordane-4

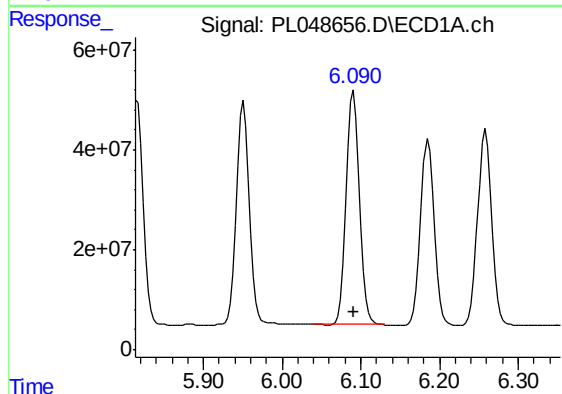
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 653736076
Conc: 450.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



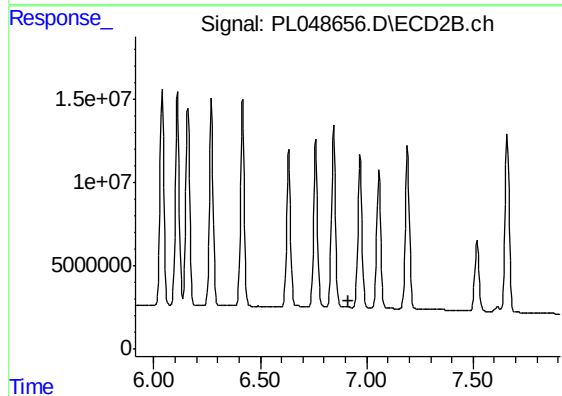
#26 Chlordane-4

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 161006742
Conc: 306.91 ng/ml



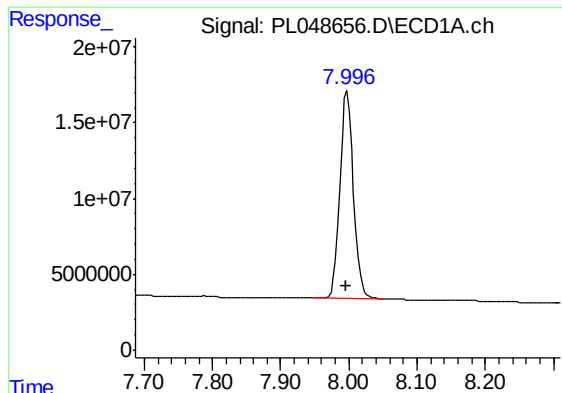
#27 Chlordane-5

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 564665620
Conc: 1202.55 ng/ml



#27 Chlordane-5

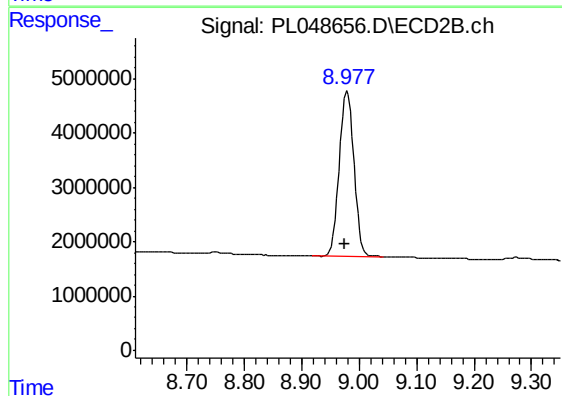
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.998 min
Delta R.T.: 0.002 min
Response: 188989557
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB119789BS



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 54267330
Conc: 20.45 ng/ml