

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
 Data File : PL047938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2019 13:34
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

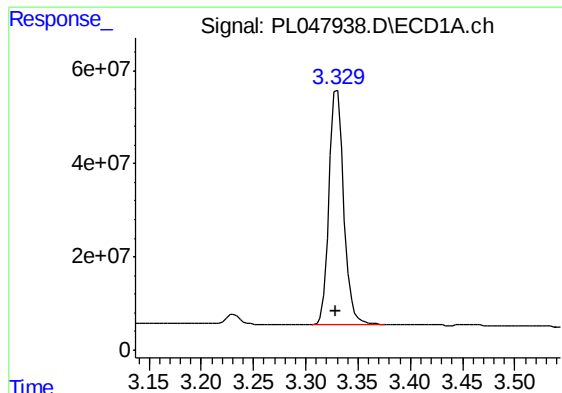
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:09:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.330	3.943	487.6E6	126.9E6	52.726	53.147
28)	SA Decachlor...	8.005	8.986	463.8E6	126.7E6	41.430	44.394
Target Compounds							
2)	A alpha-BHC	3.759	4.332	786.2E6	183.2E6	53.779	55.206
3)	MA gamma-BHC...	4.035	4.616	721.7E6	169.7E6	54.451	54.090
4)	MA Heptachlor	4.321	5.120	732.2E6	172.2E6	51.392	51.246
5)	MB Aldrin	4.560	5.423	722.4E6	163.6E6	51.875	52.428
6)	B beta-BHC	4.289	4.790	292.4E6	77894613	51.746	54.062
7)	B delta-BHC	4.484	5.005	691.4E6	147.9E6	53.224	58.890
8)	B Heptachlor...	4.997	5.810	634.3E6	153.9E6	49.493	55.054
9)	A Endosulfan I	5.329	6.165	601.0E6	139.9E6	49.697	49.832
10)	B gamma-Chl...	5.220	6.044	670.2E6	153.3E6	50.337	50.645
11)	B alpha-Chl...	5.276	6.116	648.9E6	150.9E6	49.728	49.869
12)	B 4,4'-DDE	5.445	6.276	640.6E6	139.2E6	51.498	50.424
13)	MA Dieldrin	5.568	6.422	638.0E6	145.6E6	49.149	49.805
14)	MA Endrin	5.821	6.640	545.5E6	121.2E6	45.903	47.440
15)	B Endosulfa...	6.096	6.850	529.4E6	125.3E6	47.280	47.773
16)	A 4,4'-DDD	5.956	6.766	501.5E6	116.4E6	50.997	51.843
17)	MA 4,4'-DDT	6.191	7.064	439.0E6	103.5E6	44.028	43.447
18)	B Endrin al...	6.263	6.975	439.5E6	109.2E6	46.580	47.269
19)	B Endosulfa...	6.474	7.197	517.5E6	127.7E6	46.430	46.625
20)	A Methoxychlor	6.737	7.524	226.1E6	59147471	42.514	42.183
21)	B Endrin ke...	6.957	7.667	548.7E6	133.3E6	46.269	47.403
22)	Mirex	7.132	8.117	406.6E6	103.0E6	43.321	44.273
23)	Chlordane-1	0.000	5.005	0	147.9E6	N.D.	577.463 #
24)	Chlordane-2	0.000	5.423	0	163.6E6	N.D.	525.826 #
25)	Chlordane-3	5.276	6.116	648.9E6	150.9E6	492.190	509.326
26)	Chlordane-4	5.329	6.165	601.0E6	139.9E6	489.117	508.101
27)	Chlordane-5	6.096	6.975	529.4E6	109.2E6	1248.591	484.604 #

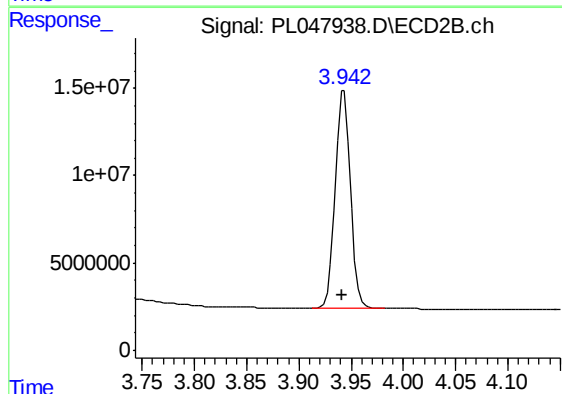
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

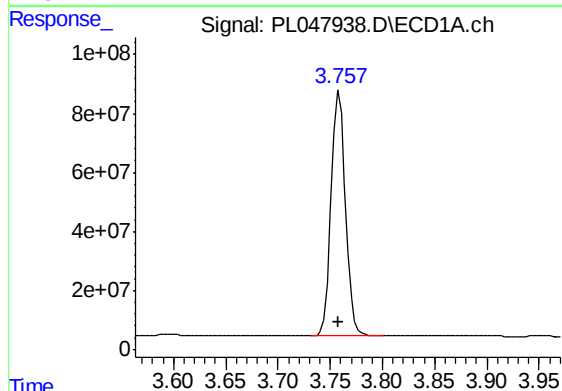
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 487625953
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



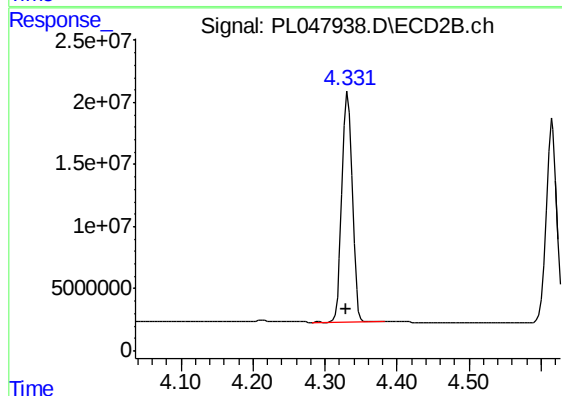
#1 Tetrachloro-m-xylene

R.T.: 3.943 min
Delta R.T.: 0.002 min
Response: 126875927
Conc: 53.15 ng/ml



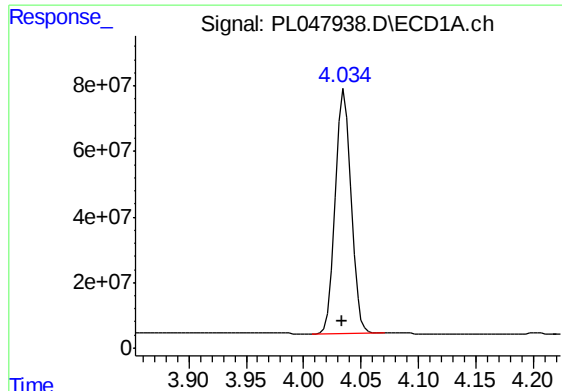
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.002 min
Response: 786171594
Conc: 53.78 ng/ml



#2 alpha-BHC

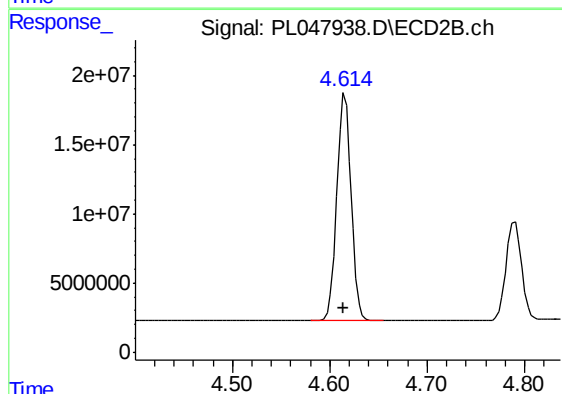
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 183212731
Conc: 55.21 ng/ml



#3 gamma-BHC (Lindane)

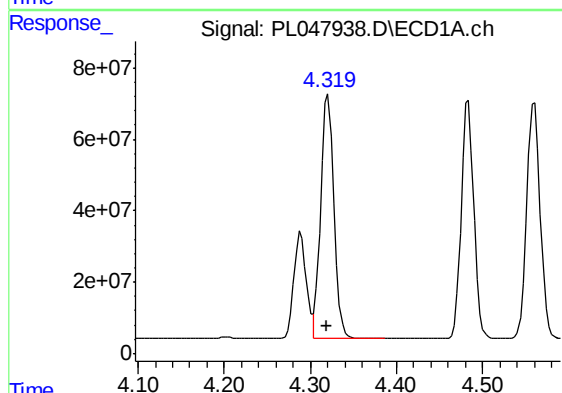
R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 721730794
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



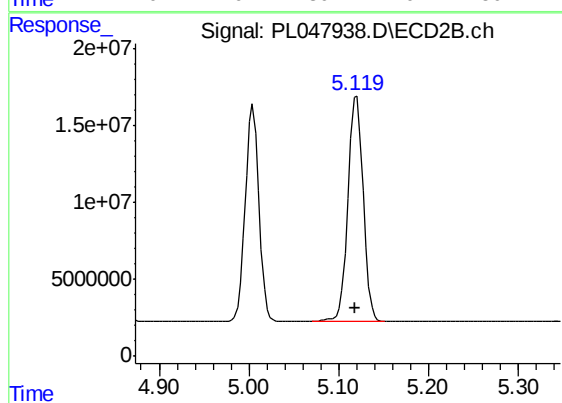
#3 gamma-BHC (Lindane)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 169651096
Conc: 54.09 ng/ml



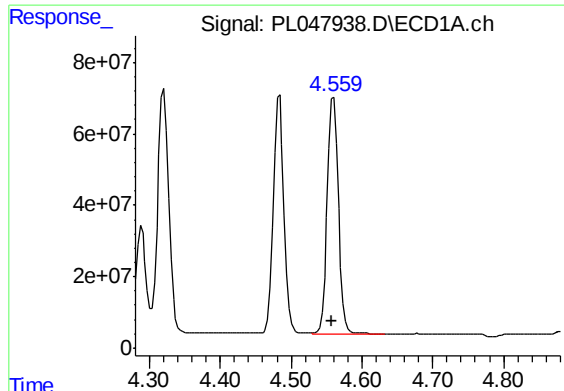
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 732240919
Conc: 51.39 ng/ml



#4 Heptachlor

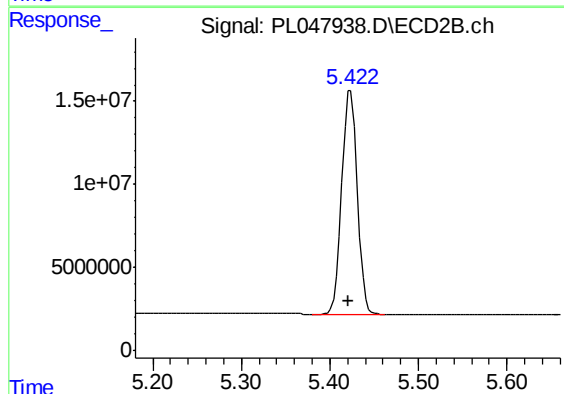
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 172227810
Conc: 51.25 ng/ml



#5 Aldrin

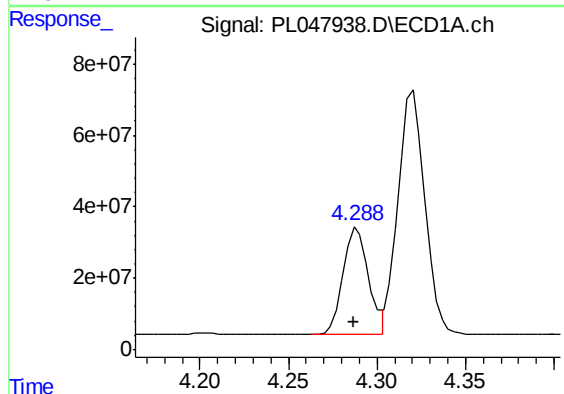
R.T.: 4.560 min
Delta R.T.: 0.002 min
Response: 722397435
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



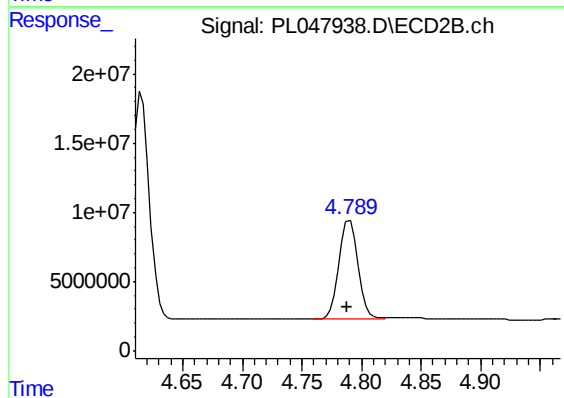
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 163626121
Conc: 52.43 ng/ml



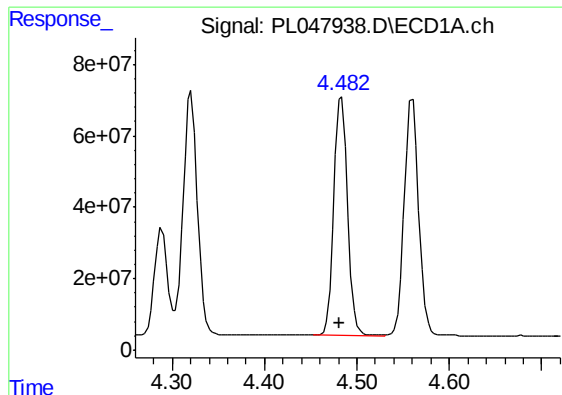
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 292368410
Conc: 51.75 ng/ml



#6 beta-BHC

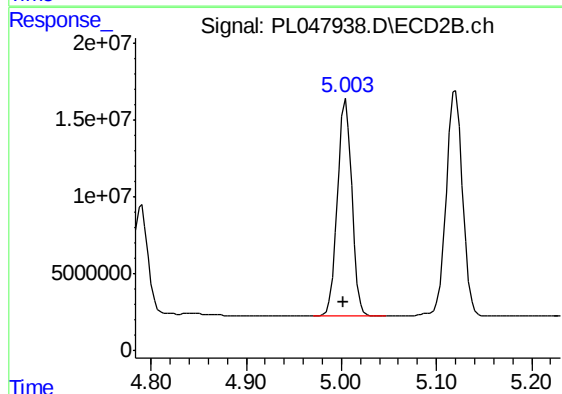
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 77894613
Conc: 54.06 ng/ml



#7 delta-BHC

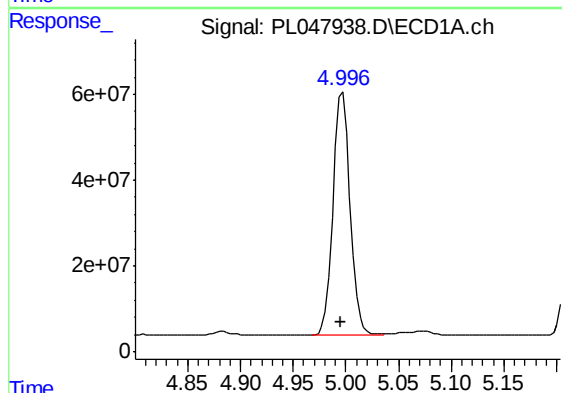
R.T.: 4.484 min
Delta R.T.: 0.002 min
Response: 691410540
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



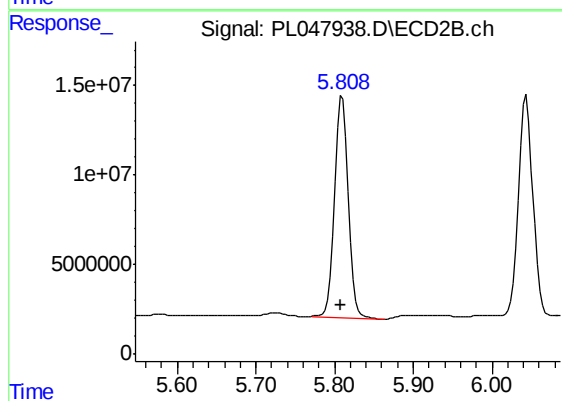
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 147948211
Conc: 58.89 ng/ml



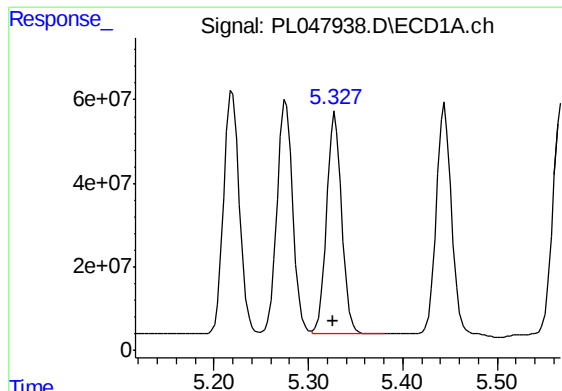
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 634263182
Conc: 49.49 ng/ml



#8 Heptachlor epoxide

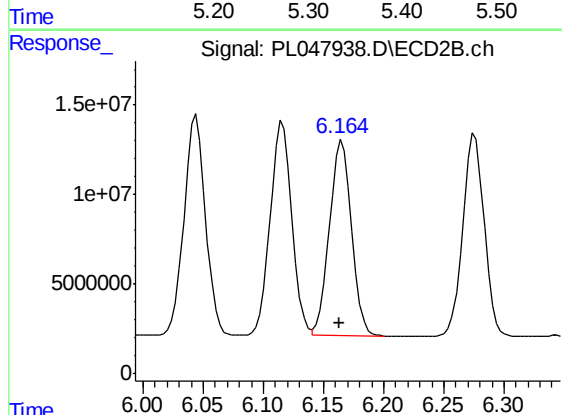
R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 153863527
Conc: 55.05 ng/ml



#9 Endosulfan I

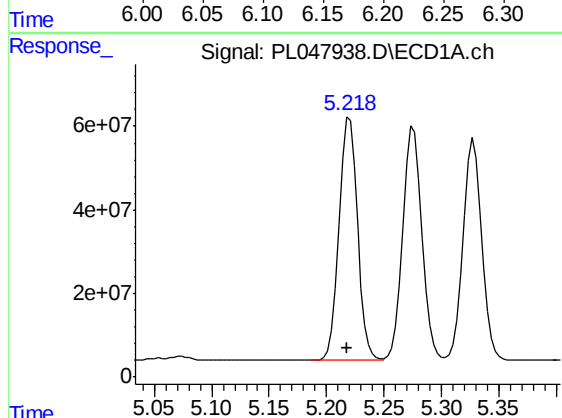
R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 600997839
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



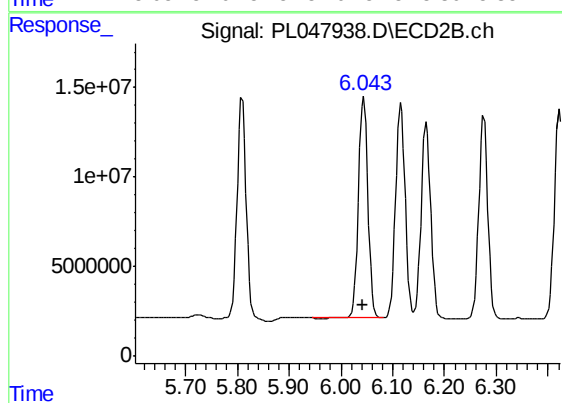
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 139929486
Conc: 49.83 ng/ml



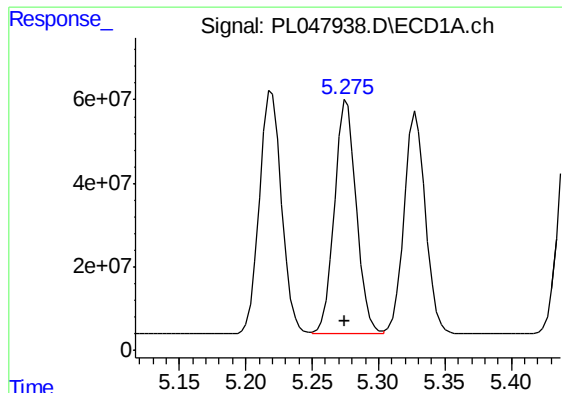
#10 gamma-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 670166366
Conc: 50.34 ng/ml



#10 gamma-Chlordane

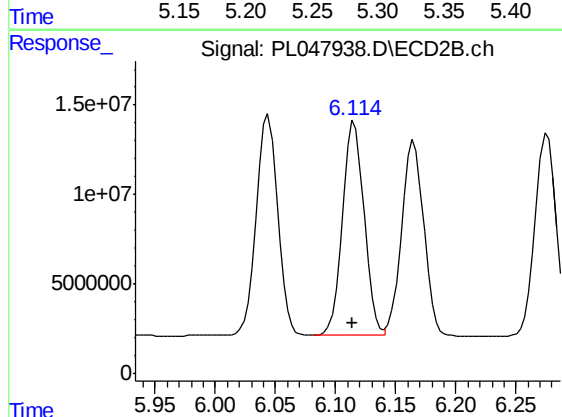
R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 153270463
Conc: 50.65 ng/ml



#11 alpha-Chlordane

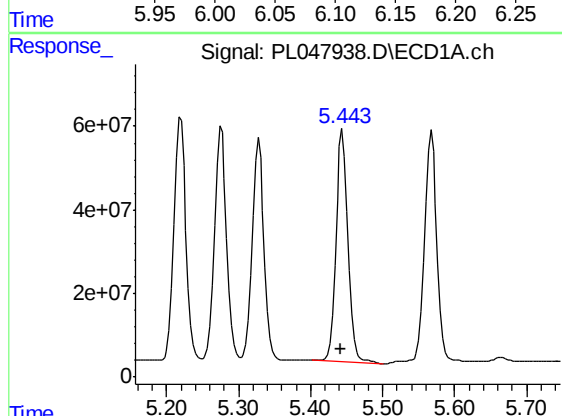
R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 648889796
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



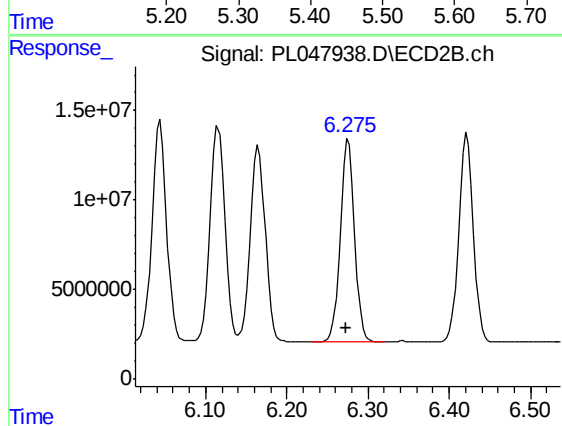
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 150875608
Conc: 49.87 ng/ml



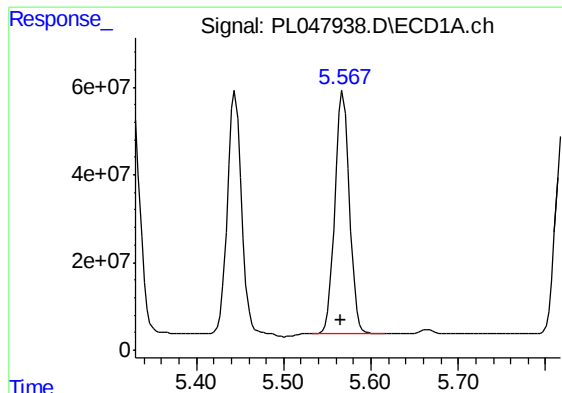
#12 4,4'-DDE

R.T.: 5.445 min
Delta R.T.: 0.002 min
Response: 640575437
Conc: 51.50 ng/ml



#12 4,4'-DDE

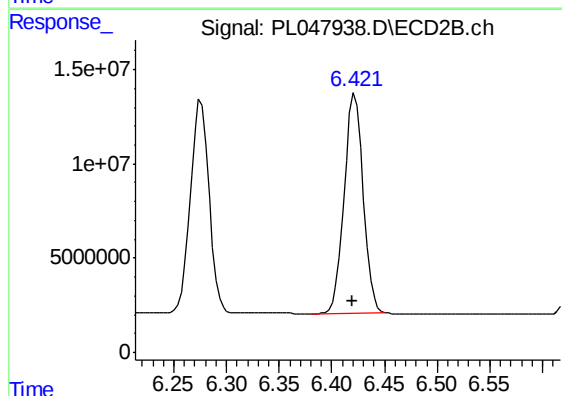
R.T.: 6.276 min
Delta R.T.: 0.003 min
Response: 139239950
Conc: 50.42 ng/ml



#13 Dieldrin

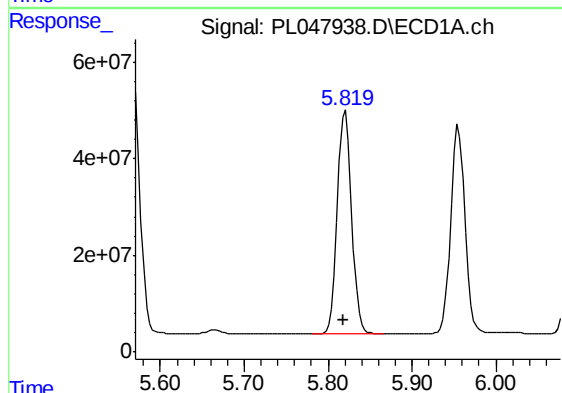
R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 638037435
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



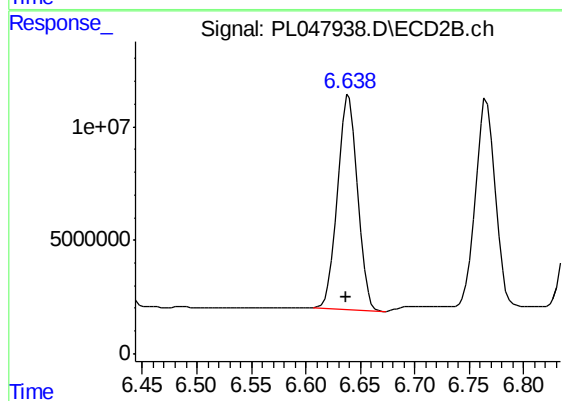
#13 Dieldrin

R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 145600833
Conc: 49.81 ng/ml



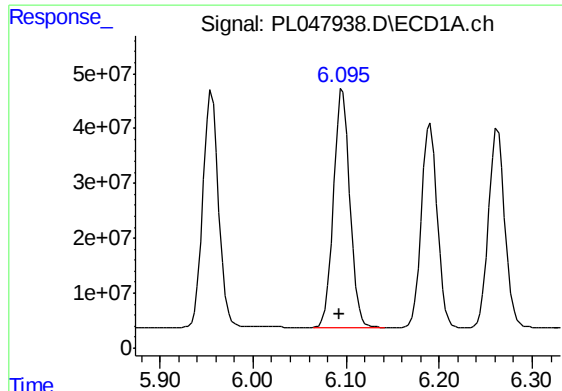
#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 545497817
Conc: 45.90 ng/ml



#14 Endrin

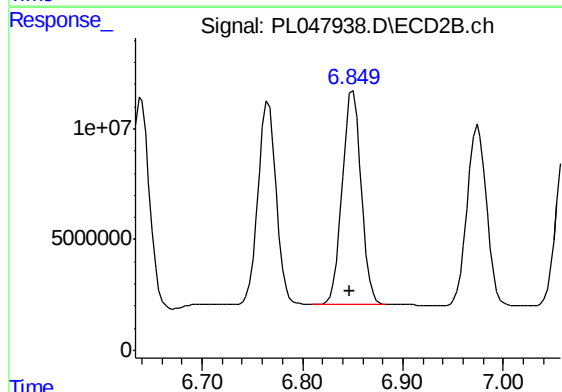
R.T.: 6.640 min
Delta R.T.: 0.003 min
Response: 121180631
Conc: 47.44 ng/ml



#15 Endosulfan II

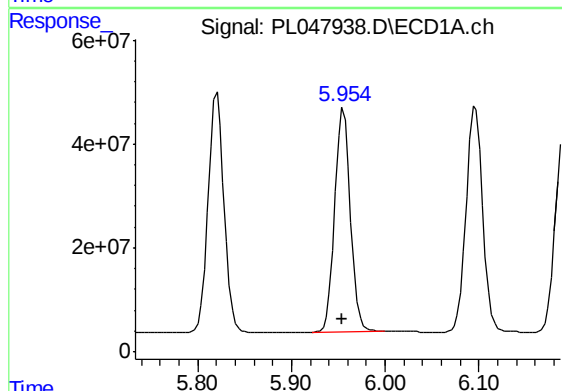
R.T.: 6.096 min
Delta R.T.: 0.003 min
Response: 529370461
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



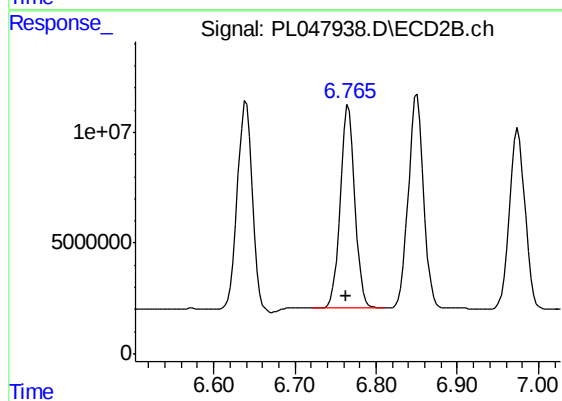
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.003 min
Response: 125337116
Conc: 47.77 ng/ml



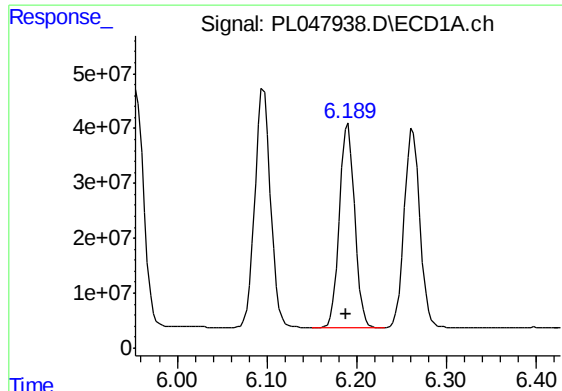
#16 4,4'-DDD

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 501460178
Conc: 51.00 ng/ml



#16 4,4'-DDD

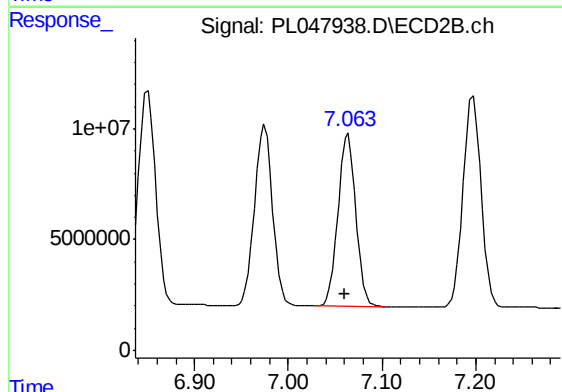
R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 116391123
Conc: 51.84 ng/ml



#17 4,4'-DDT

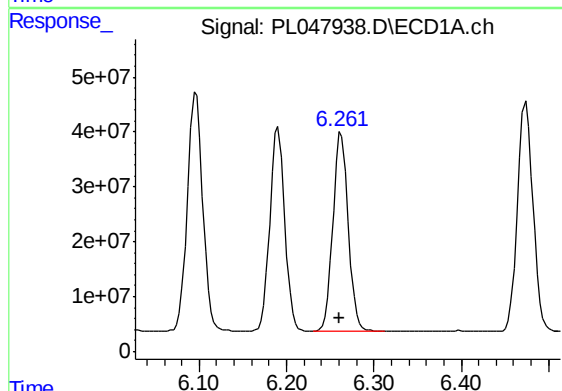
R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 438955652
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



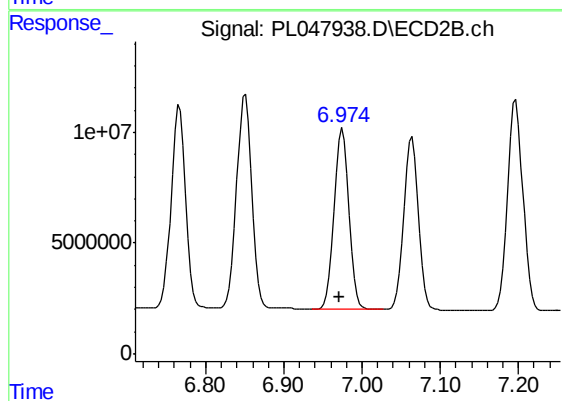
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 103498208
Conc: 43.45 ng/ml



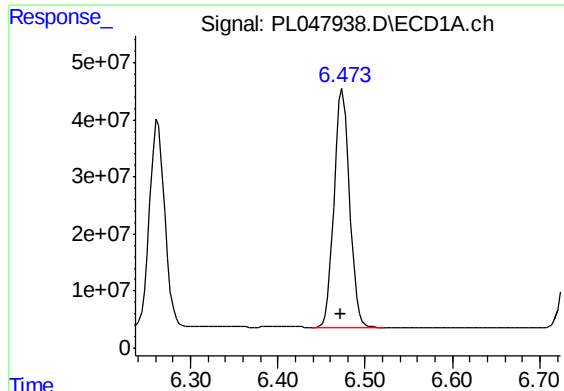
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.002 min
Response: 439485947
Conc: 46.58 ng/ml



#18 Endrin aldehyde

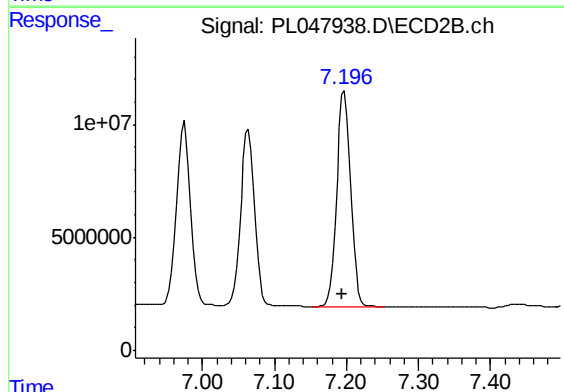
R.T.: 6.975 min
Delta R.T.: 0.004 min
Response: 109208459
Conc: 47.27 ng/ml



#19 Endosulfan Sulfate

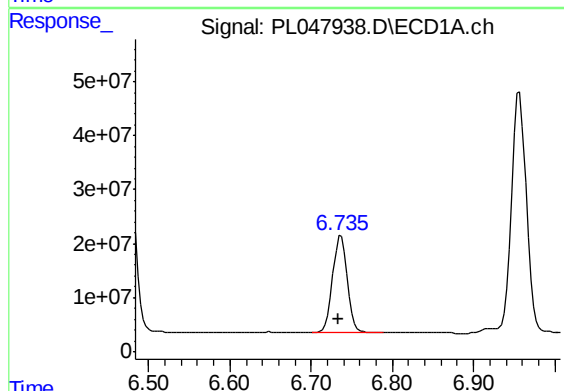
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 517523581
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



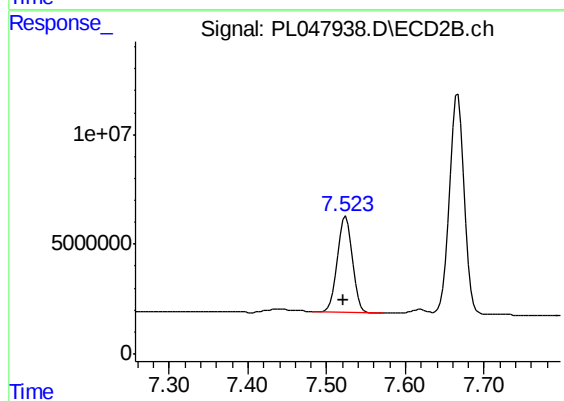
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 127682253
Conc: 46.63 ng/ml



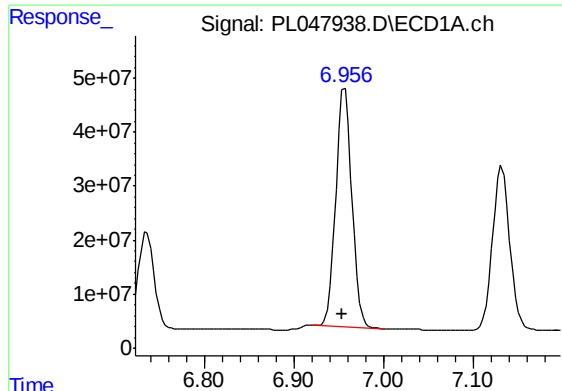
#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 226120483
Conc: 42.51 ng/ml



#20 Methoxychlor

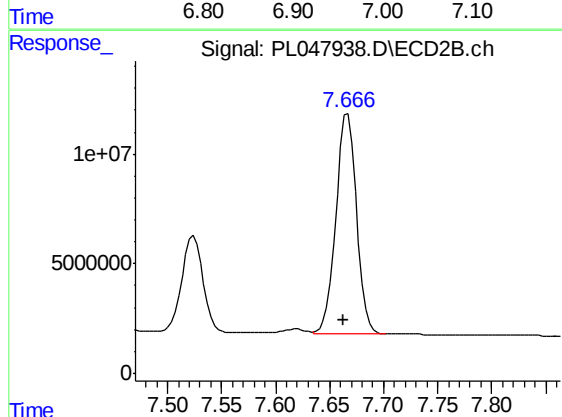
R.T.: 7.524 min
Delta R.T.: 0.003 min
Response: 59147471
Conc: 42.18 ng/ml



#21 Endrin ketone

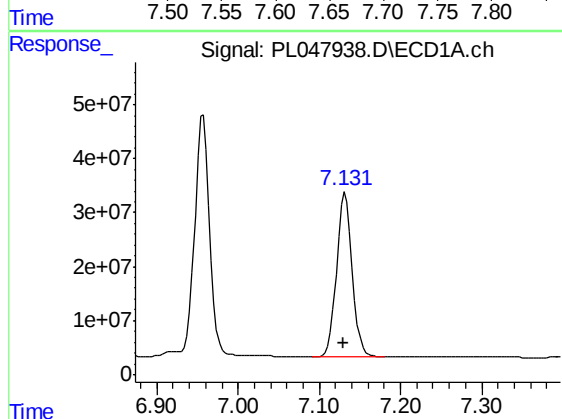
R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 548681264
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



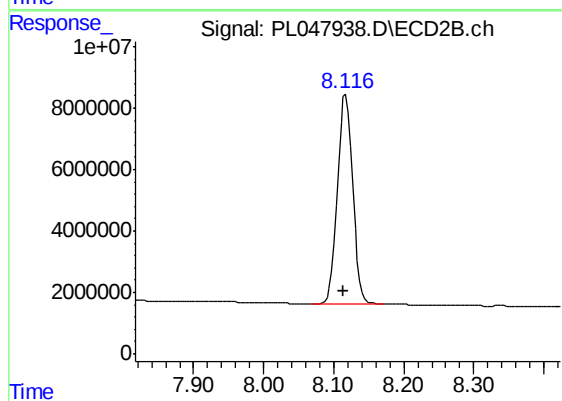
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.004 min
Response: 133283998
Conc: 47.40 ng/ml



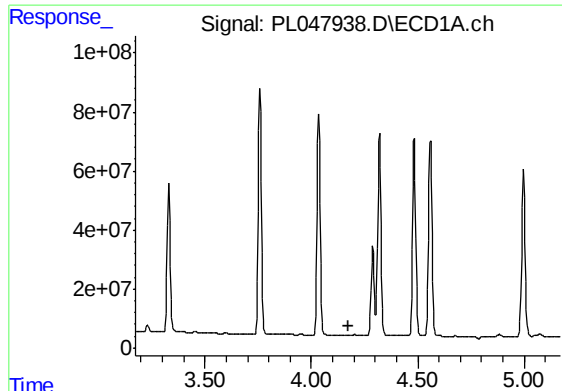
#22 Mirex

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 406636200
Conc: 43.32 ng/ml



#22 Mirex

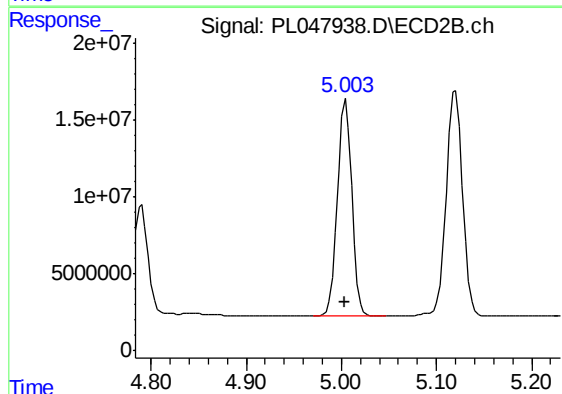
R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 103017214
Conc: 44.27 ng/ml



#23 Chlordane-1

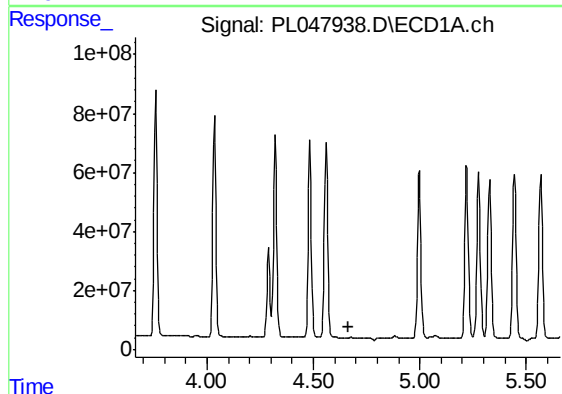
R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



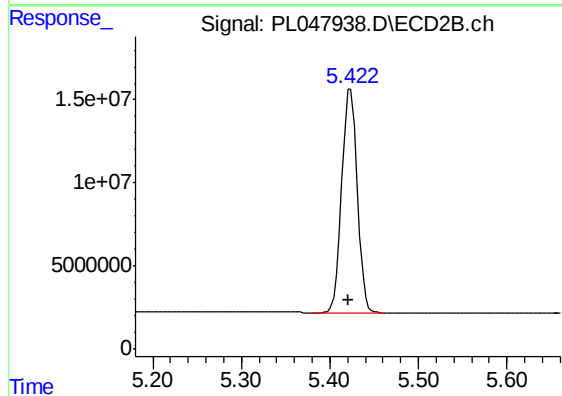
#23 Chlordane-1

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 147948211
Conc: 577.46 ng/ml



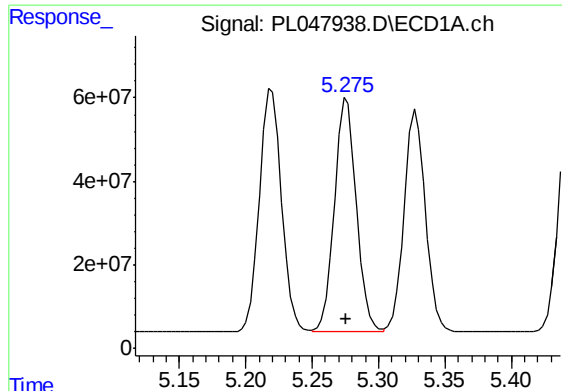
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



#24 Chlordane-2

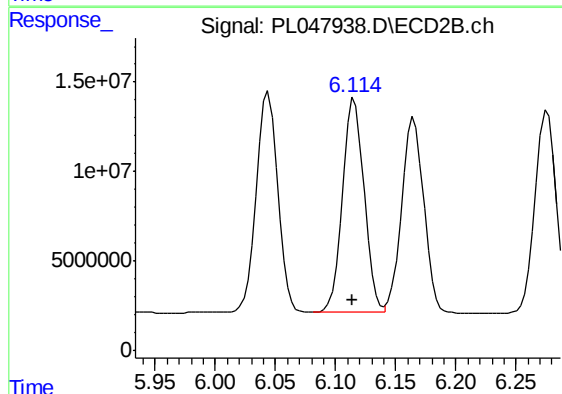
R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 163626121
Conc: 525.83 ng/ml



#25 Chlordane-3

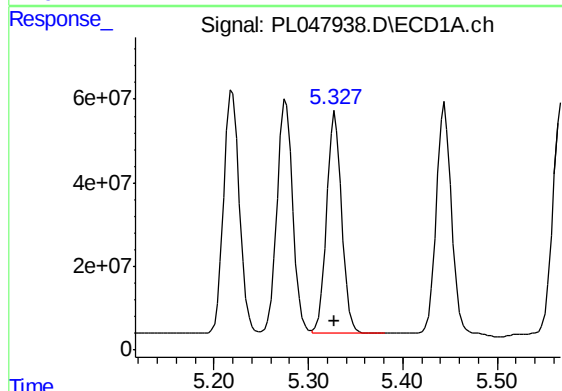
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 648889796
Conc: 492.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



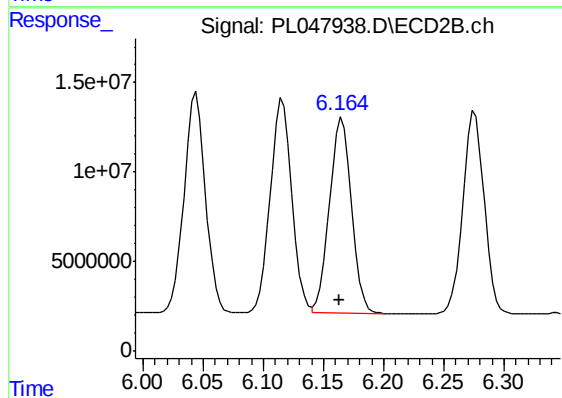
#25 Chlordane-3

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 150875608
Conc: 509.33 ng/ml



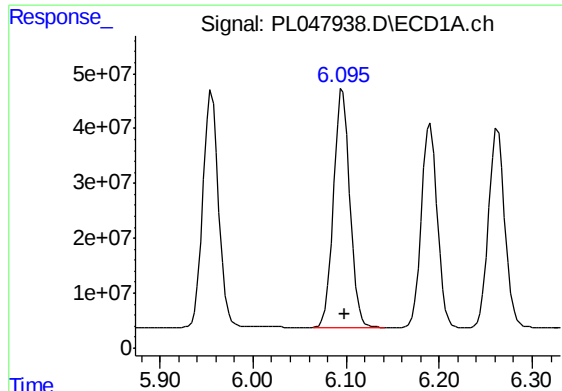
#26 Chlordane-4

R.T.: 5.329 min
Delta R.T.: 0.001 min
Response: 600997839
Conc: 489.12 ng/ml



#26 Chlordane-4

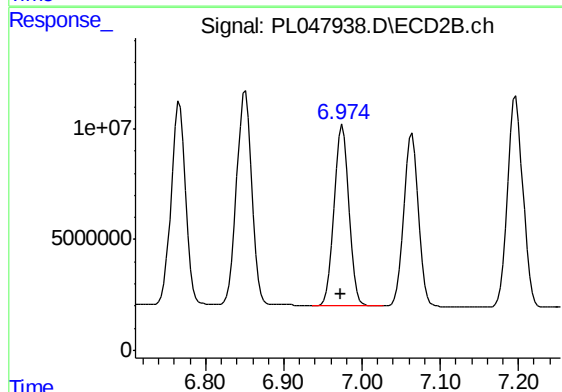
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 139929486
Conc: 508.10 ng/ml



#27 Chlordane-5

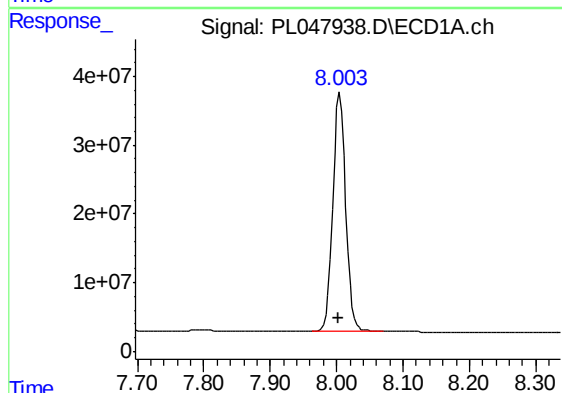
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 529370461
Conc: 1248.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



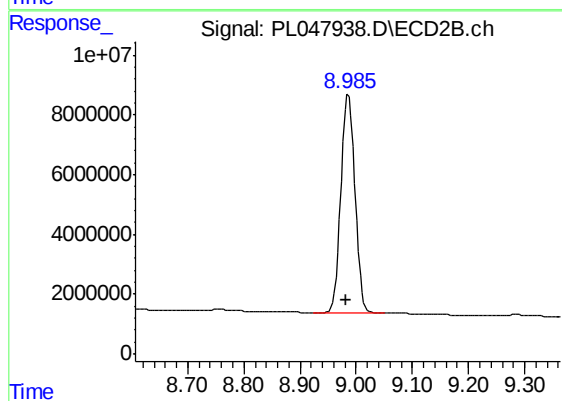
#27 Chlordane-5

R.T.: 6.975 min
Delta R.T.: 0.002 min
Response: 109208459
Conc: 484.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min
Delta R.T.: 0.003 min
Response: 463789037
Conc: 41.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.005 min
Response: 126726313
Conc: 44.39 ng/ml