

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
 Data File : PL047946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2019 16:05
 Operator : AJ\SJ
 Sample : K2588-10MS
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-001-B194-042519MS

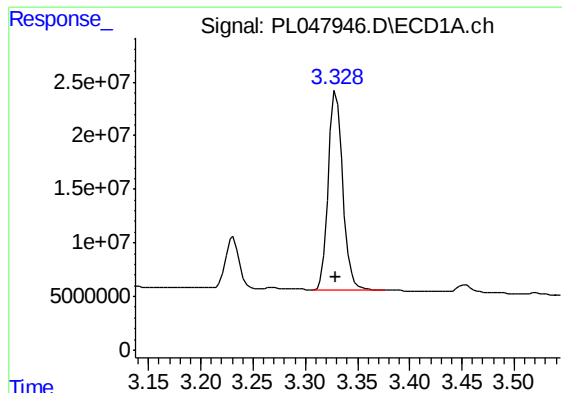
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:11:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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	3.942	177.7E6	48964041	19.211	20.511
28)	SA Decachlor...	8.003	8.985	157.3E6	43848643	14.051	15.361
Target Compounds							
2)	A alpha-BHC	3.759	4.331	784.2E6	188.8E6	53.644	56.887
3)	MA gamma-BHC...	4.035	4.615	721.6E6	172.8E6	54.444	55.084
4)	MA Heptachlor	4.320	5.119	712.6E6	170.6E6	50.016	50.749
5)	MB Aldrin	4.560	5.422	675.1E6	156.1E6	48.481	50.011
6)	B beta-BHC	4.289	4.789	289.3E6	78770436	51.210	54.670
7)	B delta-BHC	4.483	5.004	640.8E6	110.8E6	49.330	44.117
8)	B Heptachlor...	4.997	5.809	628.7E6	136.2E6	49.059	48.737
9)	A Endosulfan I	5.328	6.165	586.0E6	139.4E6	48.458	49.658
10)	B gamma-Chl...	5.219	6.043	634.1E6	148.1E6	47.629	48.931
11)	B alpha-Chl...	5.276	6.115	620.3E6	147.7E6	47.534	48.823
12)	B 4,4'-DDE	5.444	6.275	586.8E6	134.3E6	47.171	48.625
13)	MA Dieldrin	5.567	6.421	627.6E6	144.6E6	48.346	49.472
14)	MA Endrin	5.820	6.638	560.8E6	122.3E6	47.188	47.891
15)	B Endosulfa...	6.095	6.849	530.3E6	127.0E6	47.361	48.417
16)	A 4,4'-DDD	5.955	6.765	472.9E6	113.6E6	48.089	50.601
17)	MA 4,4'-DDT	6.189	7.063	441.8E6	104.2E6	44.316	43.728
18)	B Endrin al...	6.262	6.974	428.3E6	107.8E6	45.397	46.638
19)	B Endosulfa...	6.473	7.197	493.1E6	123.3E6	44.237	45.028
20)	A Methoxychlor	6.735	7.523	235.9E6	62758513	44.361	44.759
21)	B Endrin ke...	6.956	7.666	549.3E6	133.4E6	46.324	47.439
22)	Mirex	7.130	8.116	375.7E6	96901876	40.021	41.645
23)	Chlordane-1	0.000	5.004	0	110.8E6	N.D.	432.607 #
24)	Chlordane-2	0.000	5.422	0	156.1E6	N.D.	501.585 #
25)	Chlordane-3	5.276	6.115	620.3E6	147.7E6	470.469	498.642
26)	Chlordane-4	5.328	6.165	586.0E6	139.4E6	476.917	506.327
27)	Chlordane-5	6.095	6.974	530.3E6	107.8E6	1250.729	478.135 #

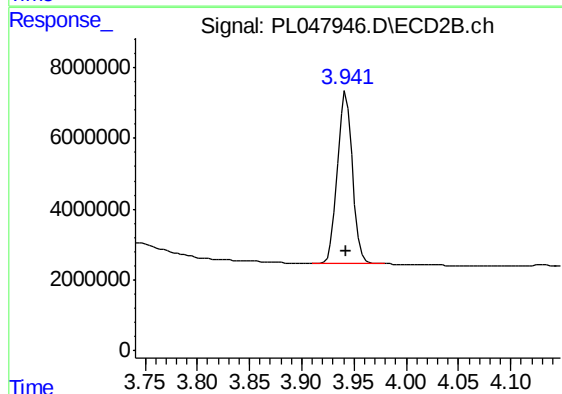
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

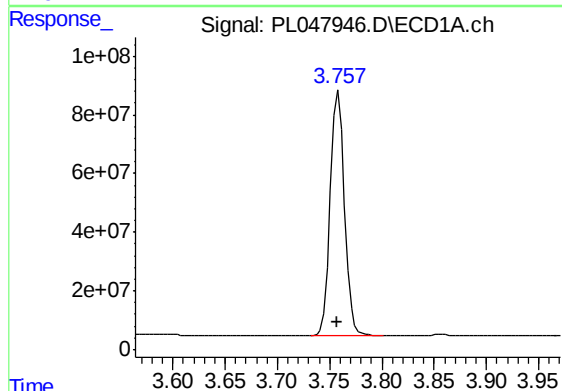
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 177668002
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



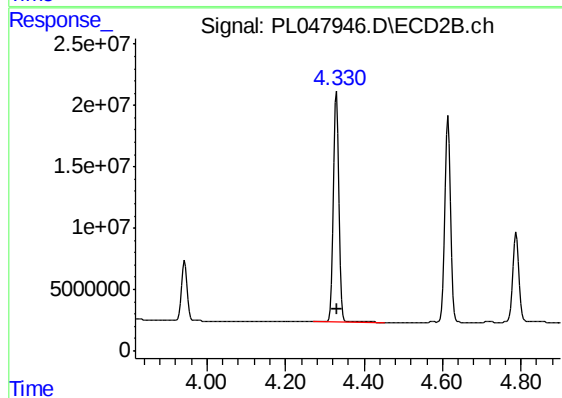
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 48964041
Conc: 20.51 ng/ml



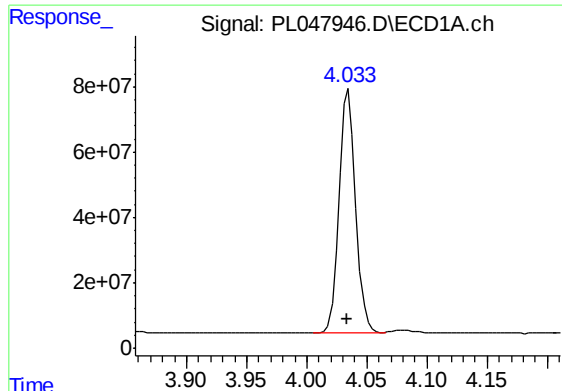
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 784196777
Conc: 53.64 ng/ml



#2 alpha-BHC

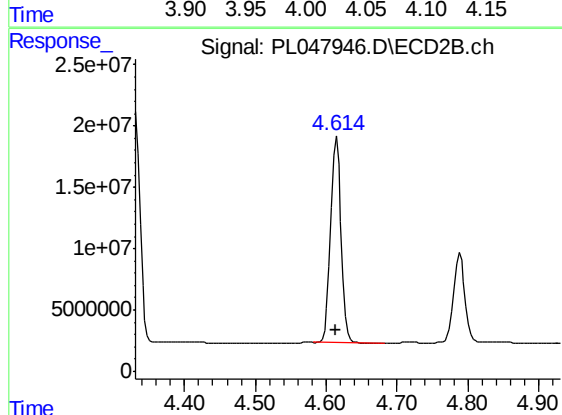
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 188790910
Conc: 56.89 ng/ml



#3 gamma-BHC (Lindane)

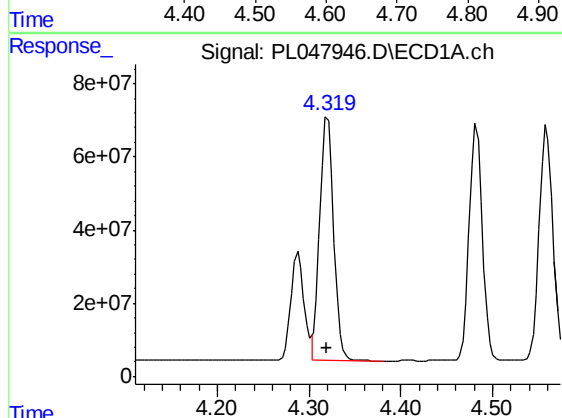
R.T.: 4.035 min
Delta R.T.: 0.001 min
Response: 721641886
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



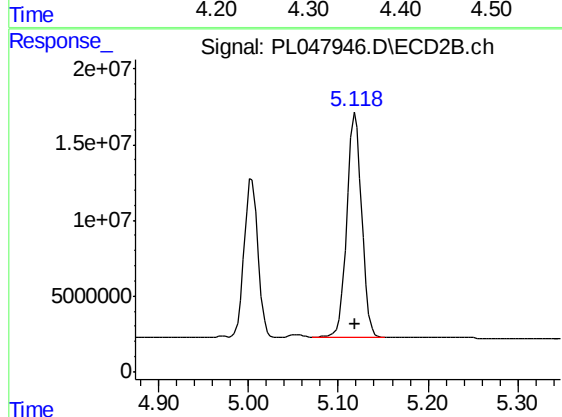
#3 gamma-BHC (Lindane)

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 172771141
Conc: 55.08 ng/ml



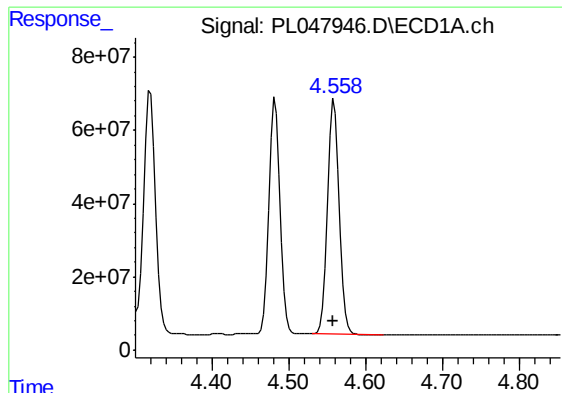
#4 Heptachlor

R.T.: 4.320 min
Delta R.T.: 0.001 min
Response: 712639497
Conc: 50.02 ng/ml



#4 Heptachlor

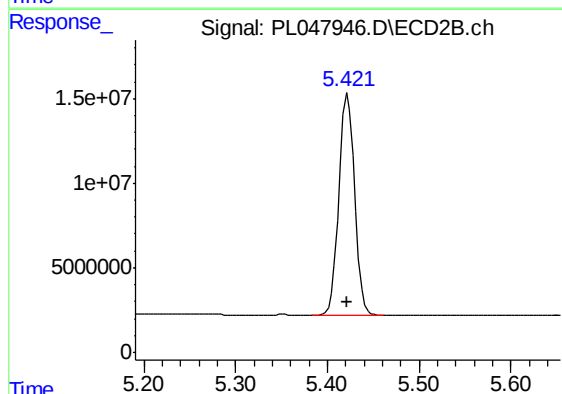
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 170555724
Conc: 50.75 ng/ml



#5 Aldrin

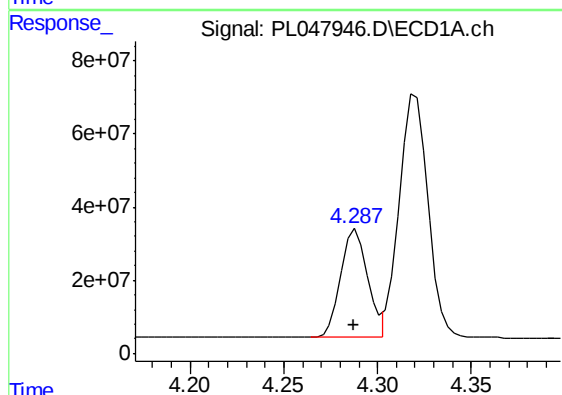
R.T.: 4.560 min
Delta R.T.: 0.001 min
Response: 675129878
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



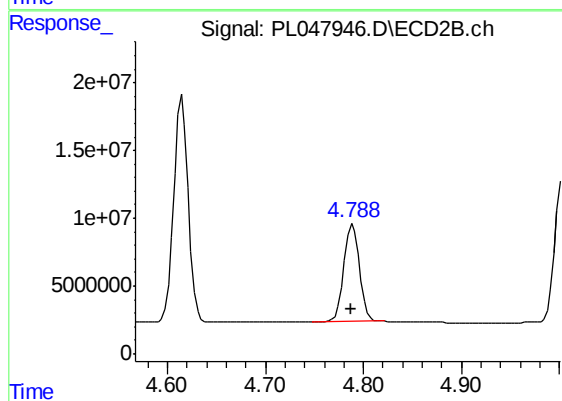
#5 Aldrin

R.T.: 5.422 min
Delta R.T.: 0.001 min
Response: 156082821
Conc: 50.01 ng/ml



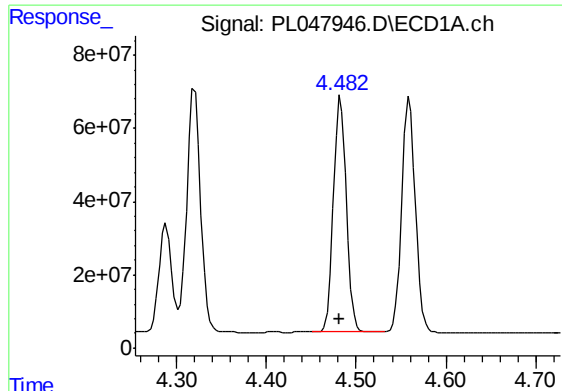
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 289337049
Conc: 51.21 ng/ml



#6 beta-BHC

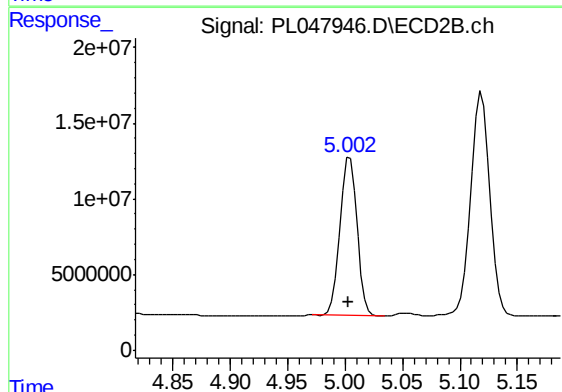
R.T.: 4.789 min
Delta R.T.: 0.001 min
Response: 78770436
Conc: 54.67 ng/ml



#7 delta-BHC

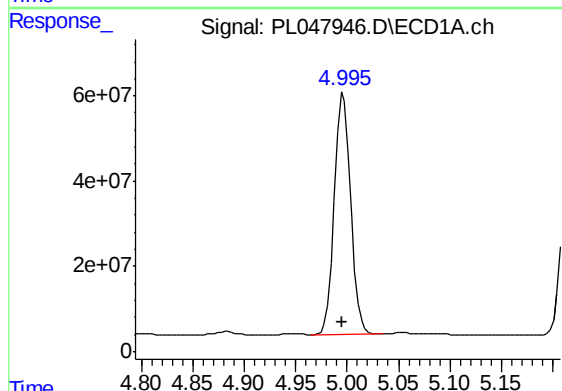
R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 640832009
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



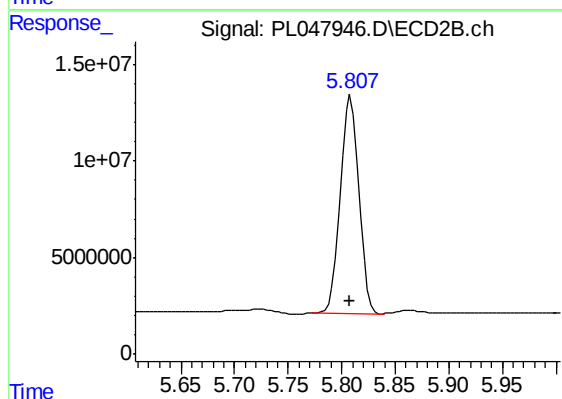
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 110835565
Conc: 44.12 ng/ml



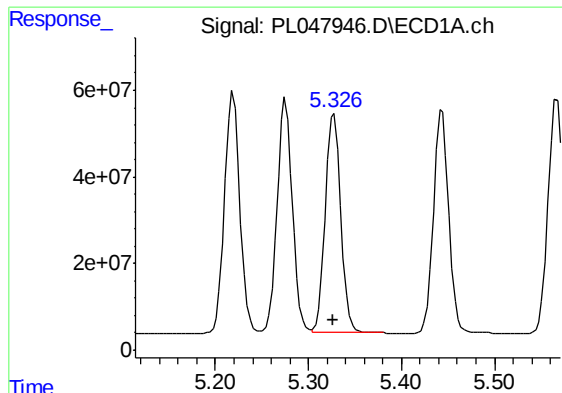
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 628691252
Conc: 49.06 ng/ml



#8 Heptachlor epoxide

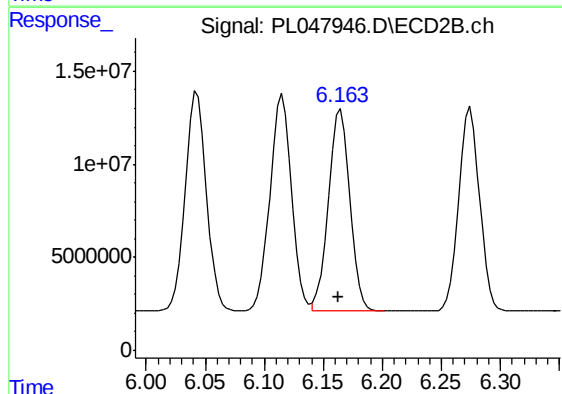
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 136206652
Conc: 48.74 ng/ml



#9 Endosulfan I

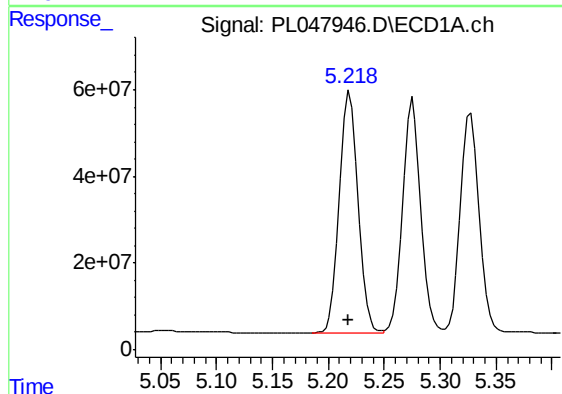
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 586006866
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



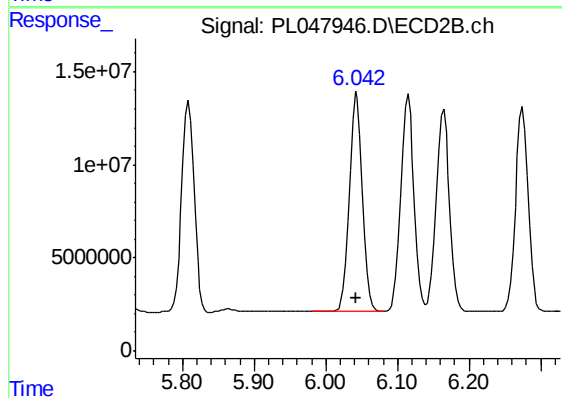
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 139440942
Conc: 49.66 ng/ml



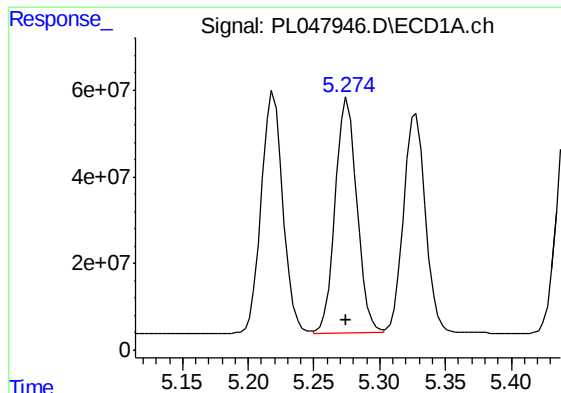
#10 gamma-Chlordane

R.T.: 5.219 min
Delta R.T.: 0.001 min
Response: 634103123
Conc: 47.63 ng/ml



#10 gamma-Chlordane

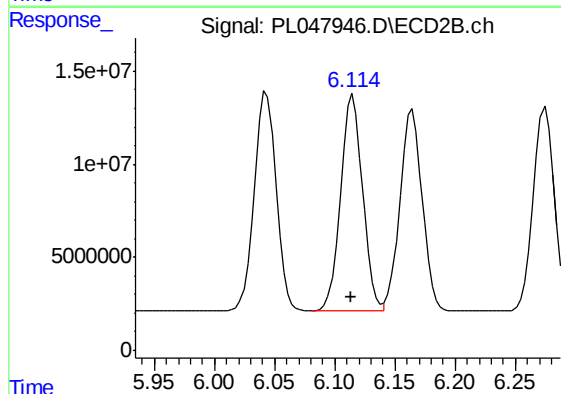
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 148082103
Conc: 48.93 ng/ml



#11 alpha-Chlordane

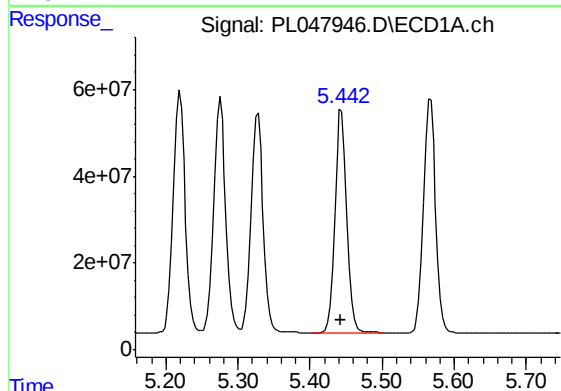
R.T.: 5.276 min
Delta R.T.: 0.001 min
Response: 620253900
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



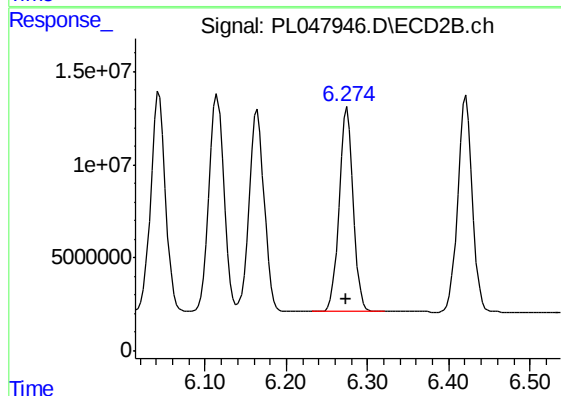
#11 alpha-Chlordane

R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 147710722
Conc: 48.82 ng/ml



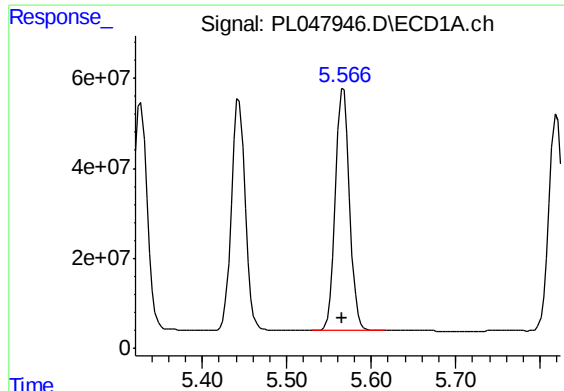
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 586754082
Conc: 47.17 ng/ml



#12 4,4'-DDE

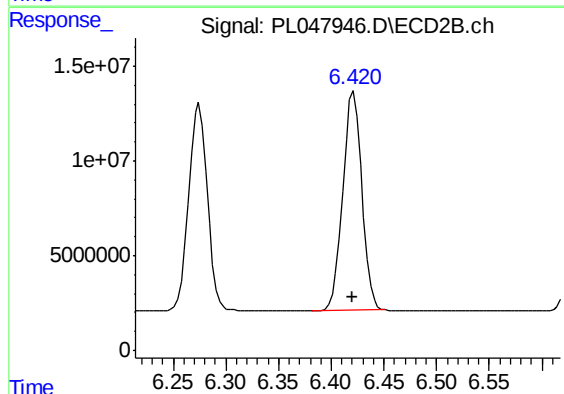
R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 134272700
Conc: 48.63 ng/ml



#13 Dielddrin

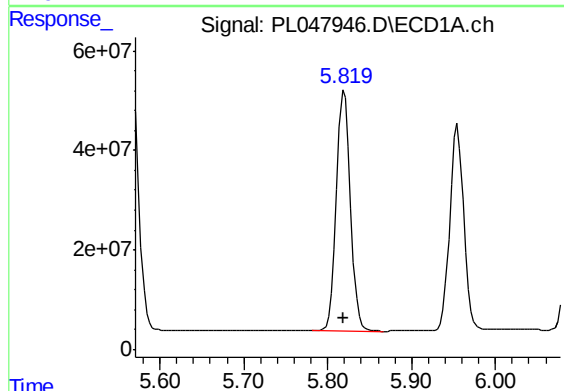
R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 627613153
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



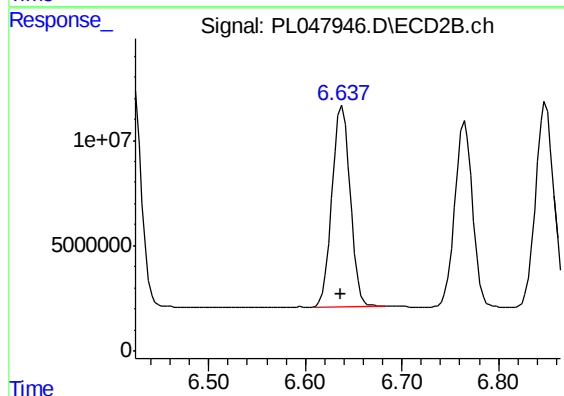
#13 Dielddrin

R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 144626609
Conc: 49.47 ng/ml



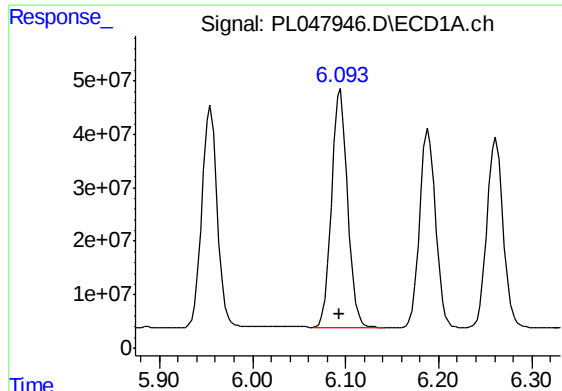
#14 Endrin

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 560772205
Conc: 47.19 ng/ml



#14 Endrin

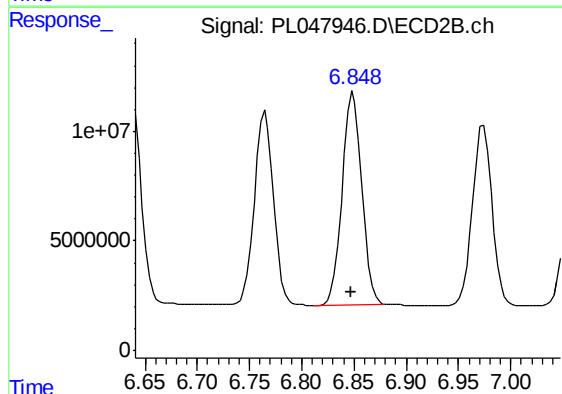
R.T.: 6.638 min
Delta R.T.: 0.001 min
Response: 122331441
Conc: 47.89 ng/ml



#15 Endosulfan II

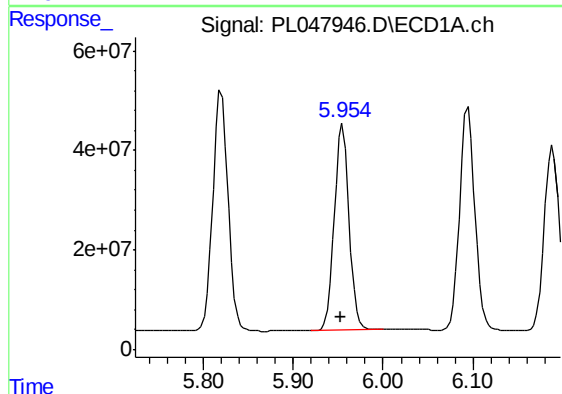
R.T.: 6.095 min
Delta R.T.: 0.001 min
Response: 530277130
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



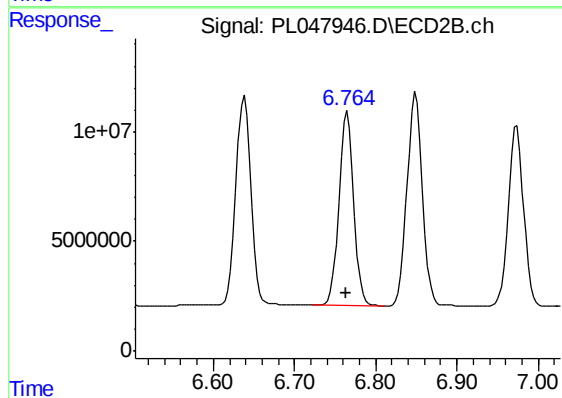
#15 Endosulfan II

R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 127027640
Conc: 48.42 ng/ml



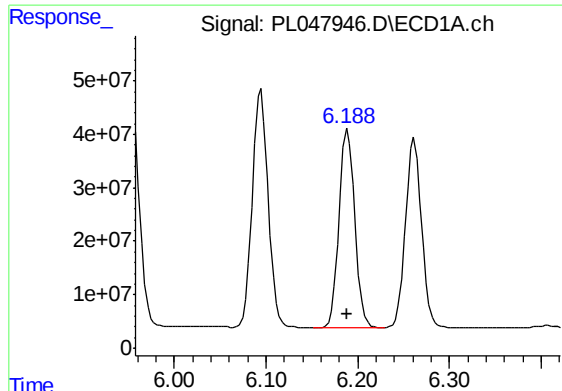
#16 4,4'-DDD

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 472859175
Conc: 48.09 ng/ml



#16 4,4'-DDD

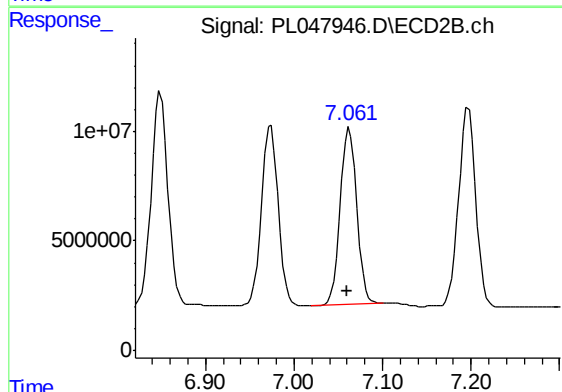
R.T.: 6.765 min
Delta R.T.: 0.002 min
Response: 113602471
Conc: 50.60 ng/ml



#17 4,4'-DDT

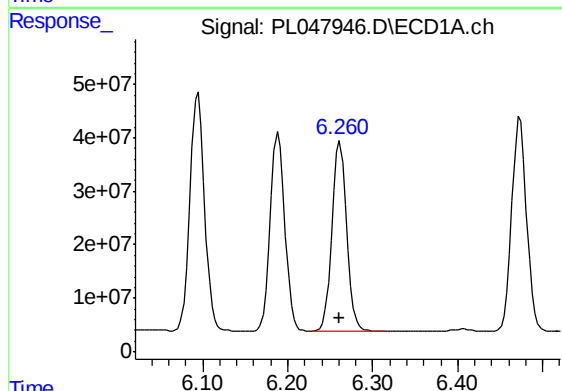
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 441825473
Conc: 44.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



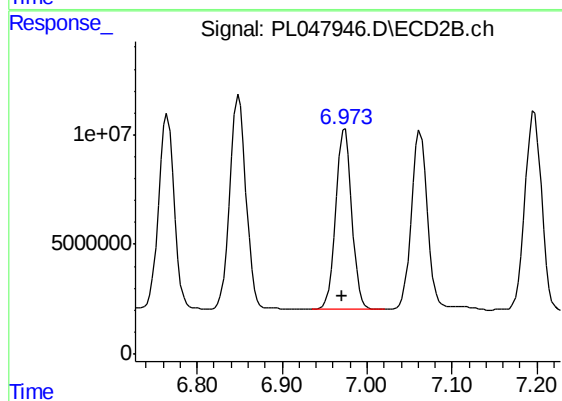
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 104167917
Conc: 43.73 ng/ml



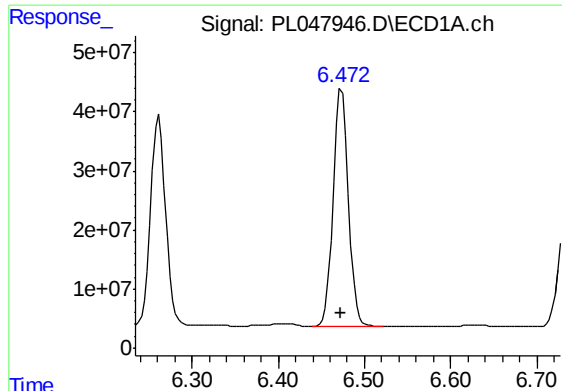
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 428322622
Conc: 45.40 ng/ml



#18 Endrin aldehyde

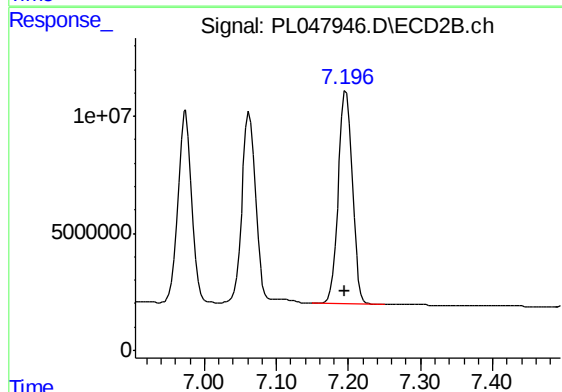
R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 107750432
Conc: 46.64 ng/ml



#19 Endosulfan Sulfate

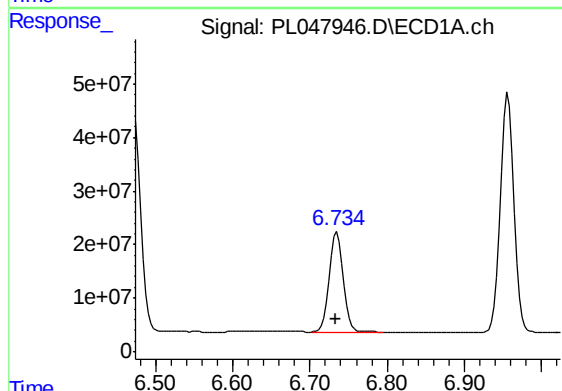
R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 493081566
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



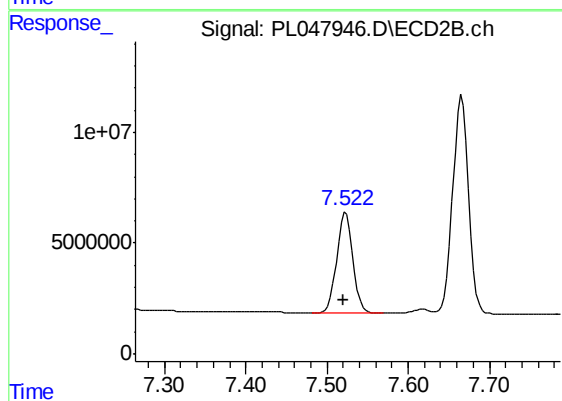
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 123307381
Conc: 45.03 ng/ml



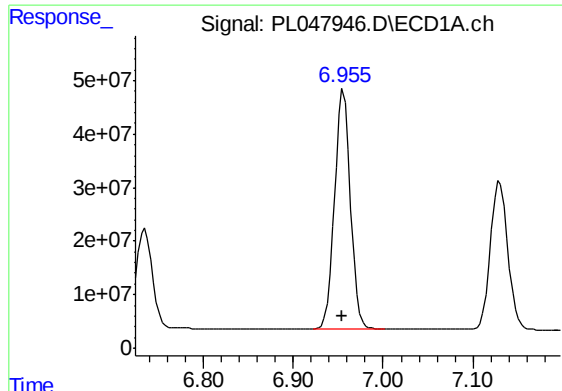
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 235940639
Conc: 44.36 ng/ml



#20 Methoxychlor

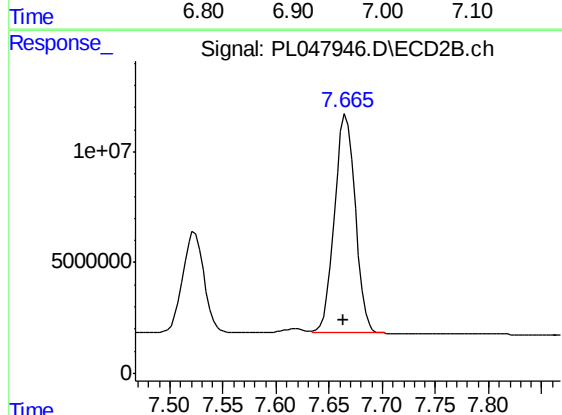
R.T.: 7.523 min
Delta R.T.: 0.002 min
Response: 62758513
Conc: 44.76 ng/ml



#21 Endrin ketone

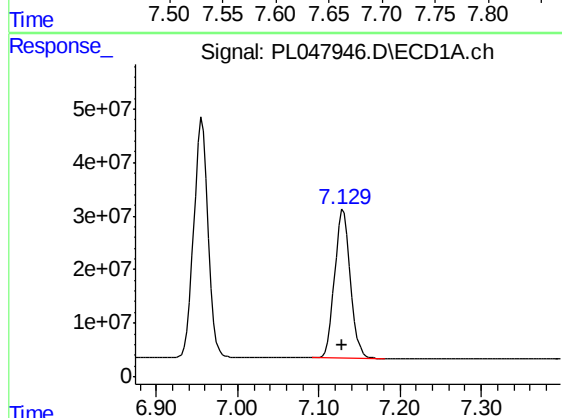
R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 549336793
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



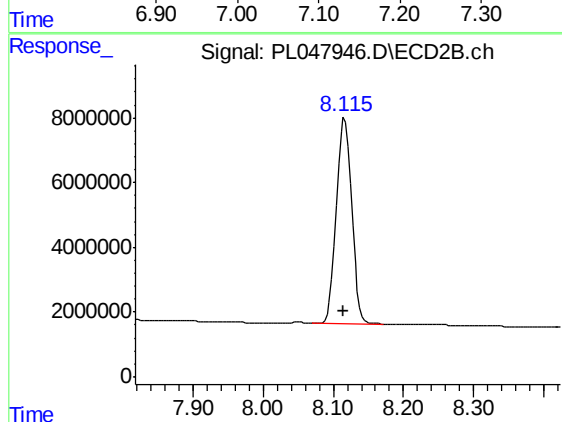
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 133385814
Conc: 47.44 ng/ml



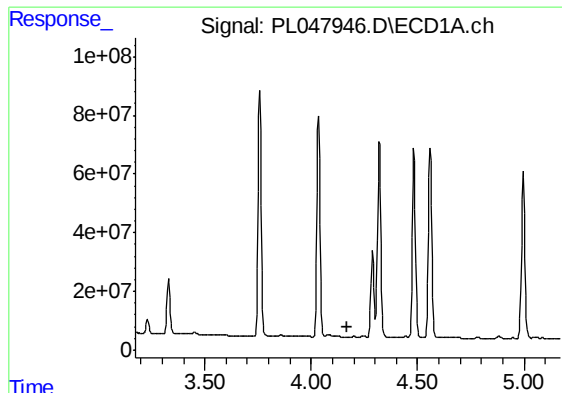
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 375662199
Conc: 40.02 ng/ml



#22 Mirex

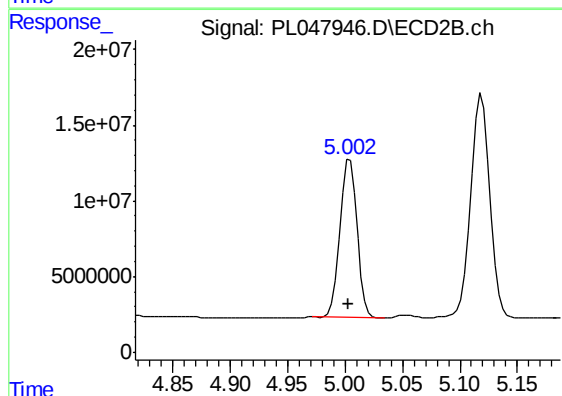
R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 96901876
Conc: 41.65 ng/ml



#23 Chlordane-1

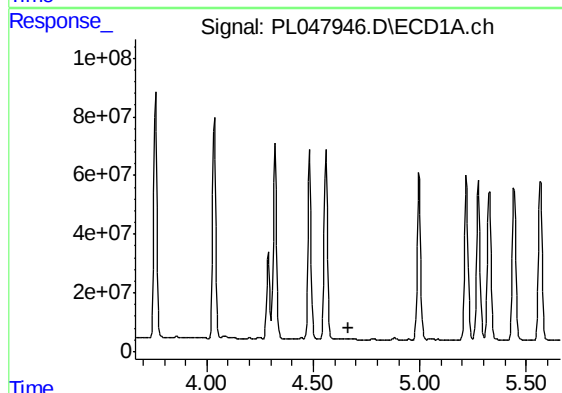
R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



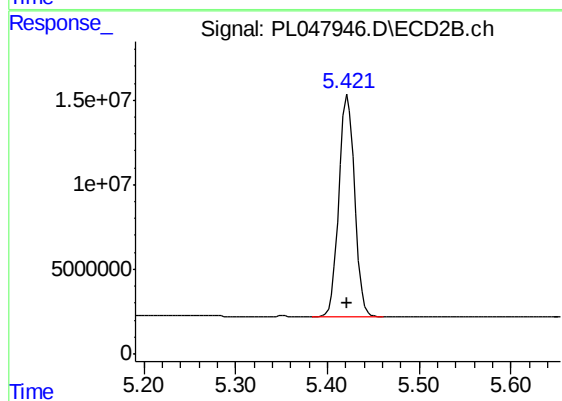
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 110835565
Conc: 432.61 ng/ml



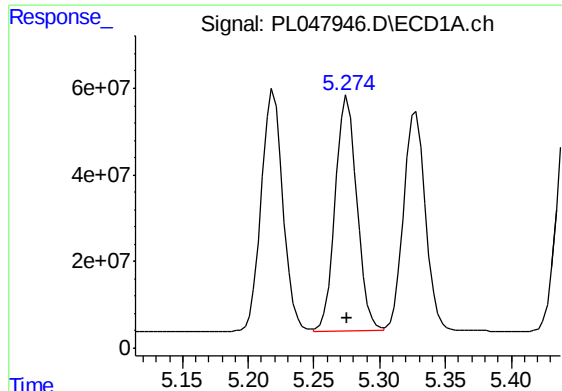
#24 Chlordane-2

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



#24 Chlordane-2

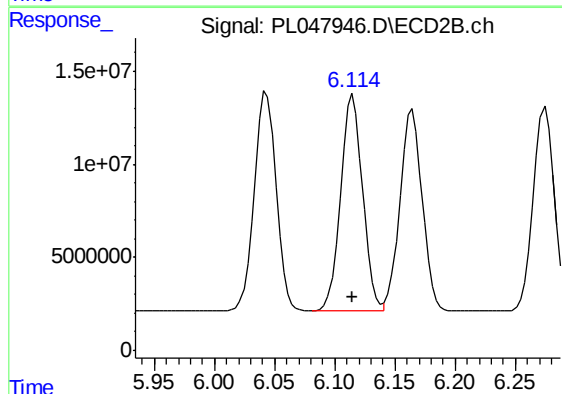
R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 156082821
Conc: 501.58 ng/ml



#25 Chlordane-3

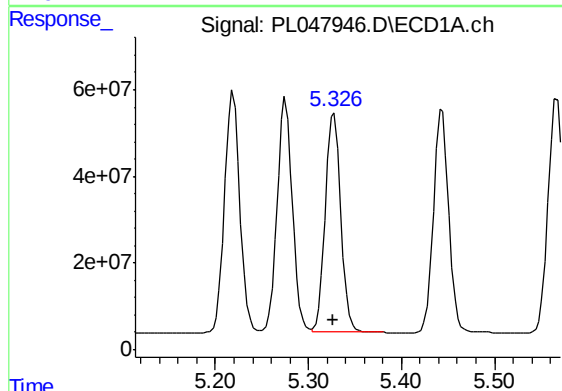
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 620253900
Conc: 470.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



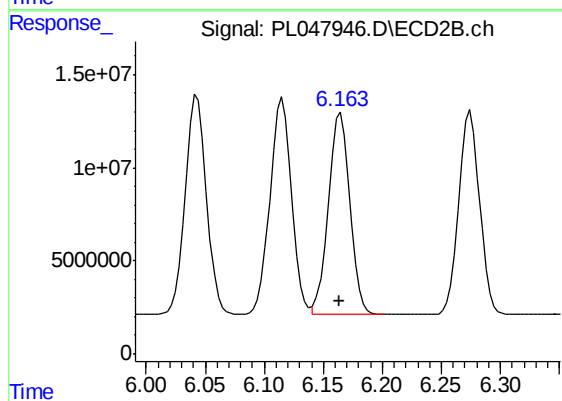
#25 Chlordane-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 147710722
Conc: 498.64 ng/ml



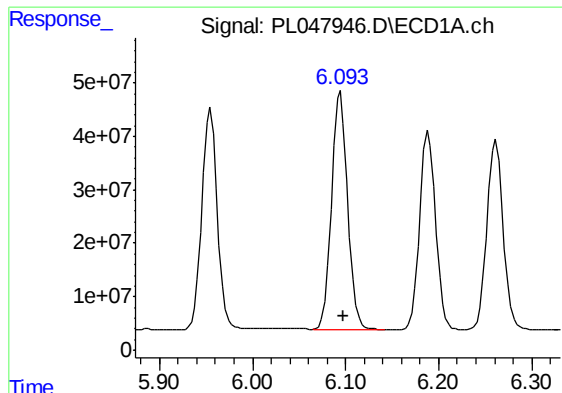
#26 Chlordane-4

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 586006866
Conc: 476.92 ng/ml



#26 Chlordane-4

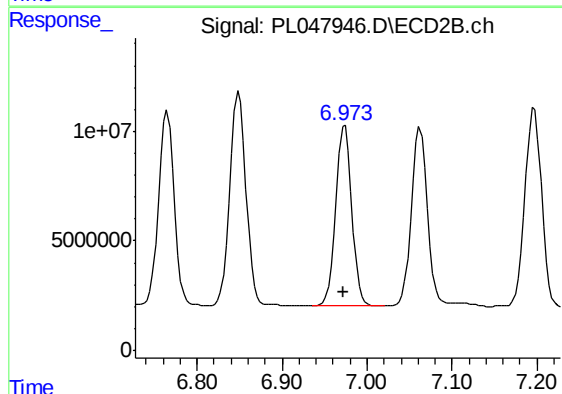
R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 139440942
Conc: 506.33 ng/ml



#27 Chlordane-5

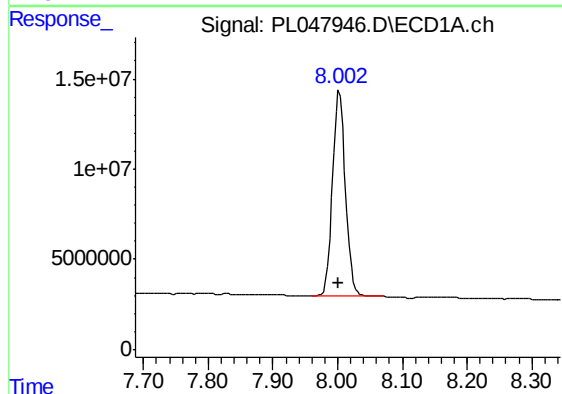
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 530277130
Conc: 1250.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-B194-042519MS



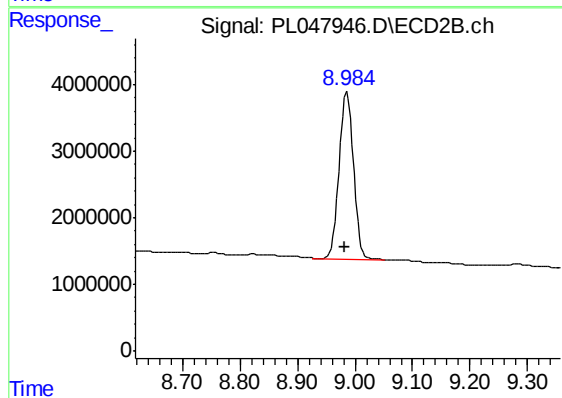
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.002 min
Response: 107750432
Conc: 478.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min
Delta R.T.: 0.001 min
Response: 157293725
Conc: 14.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.004 min
Response: 43848643
Conc: 15.36 ng/ml