

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
 Data File : PL047947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2019 16:20
 Operator : AJ\SJ
 Sample : K2588-10MSD
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:12:08 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	183.0E6	50402437	19.783	21.113
28)	SA Decachlor...	8.003	8.985	161.2E6	44438403	14.399	15.567
Target Compounds							
2)	A alpha-BHC	3.759	4.331	812.9E6	194.8E6	55.608	58.703
3)	MA gamma-BHC...	4.035	4.615	747.7E6	178.3E6	56.409	56.844
4)	MA Heptachlor	4.321	5.119	737.7E6	175.6E6	51.776	52.237
5)	MB Aldrin	4.560	5.423	698.6E6	160.7E6	50.166	51.481
6)	B beta-BHC	4.289	4.790	299.3E6	82334210	52.969	57.144
7)	B delta-BHC	4.483	5.004	666.2E6	115.2E6	51.287	45.861
8)	B Heptachlor...	4.997	5.809	650.9E6	141.9E6	50.794	50.789
9)	A Endosulfan I	5.328	6.165	604.6E6	143.4E6	49.998	51.052
10)	B gamma-Chl...	5.219	6.043	656.8E6	152.7E6	49.331	50.444
11)	B alpha-Chl...	5.276	6.115	640.7E6	152.4E6	49.104	50.365
12)	B 4,4'-DDE	5.444	6.275	616.6E6	138.1E6	49.569	50.016
13)	MA Dieldrin	5.567	6.421	646.9E6	148.8E6	49.831	50.891
14)	MA Endrin	5.820	6.639	575.6E6	125.6E6	48.438	49.169
15)	B Endosulfa...	6.095	6.850	549.4E6	131.6E6	49.074	50.160
16)	A 4,4'-DDD	5.955	6.765	486.7E6	117.4E6	49.500	52.270
17)	MA 4,4'-DDT	6.189	7.063	458.3E6	107.7E6	45.967	45.214
18)	B Endrin al...	6.262	6.974	444.4E6	111.4E6	47.097	48.225
19)	B Endosulfa...	6.474	7.197	510.8E6	127.5E6	45.823	46.575
20)	A Methoxychlor	6.736	7.524	242.0E6	64014151	45.499	45.654
21)	B Endrin ke...	6.956	7.666	568.7E6	137.3E6	47.954	48.842
22)	Mirex	7.131	8.117	387.6E6	99058044	41.298	42.572
23)	Chlordane-1	0.000	5.004	0	115.2E6	N.D.	449.702 #
24)	Chlordane-2	0.000	5.423	0	160.7E6	N.D.	516.329 #
25)	Chlordane-3	5.276	6.115	640.7E6	152.4E6	486.013	514.386
26)	Chlordane-4	5.328	6.165	604.6E6	143.4E6	492.077	520.534
27)	Chlordane-5	6.095	6.974	549.4E6	111.4E6	1295.948	494.404 #

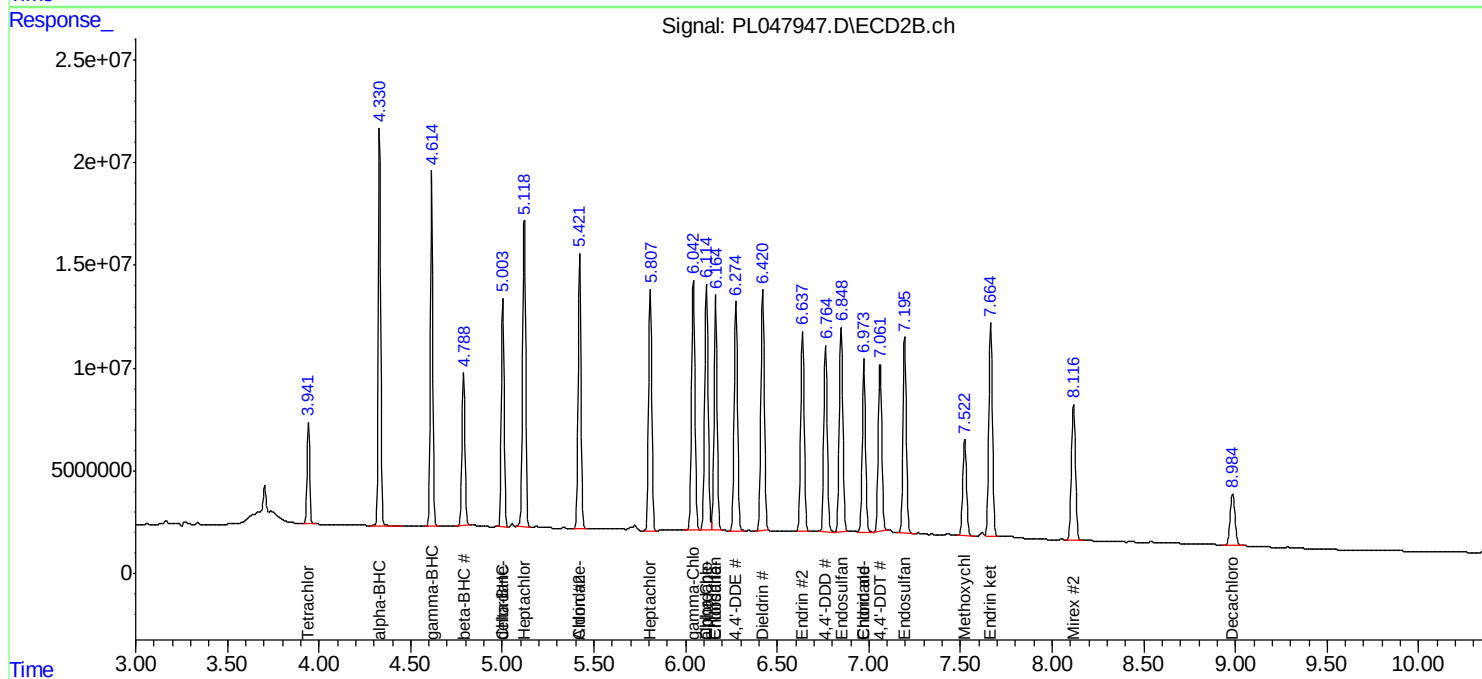
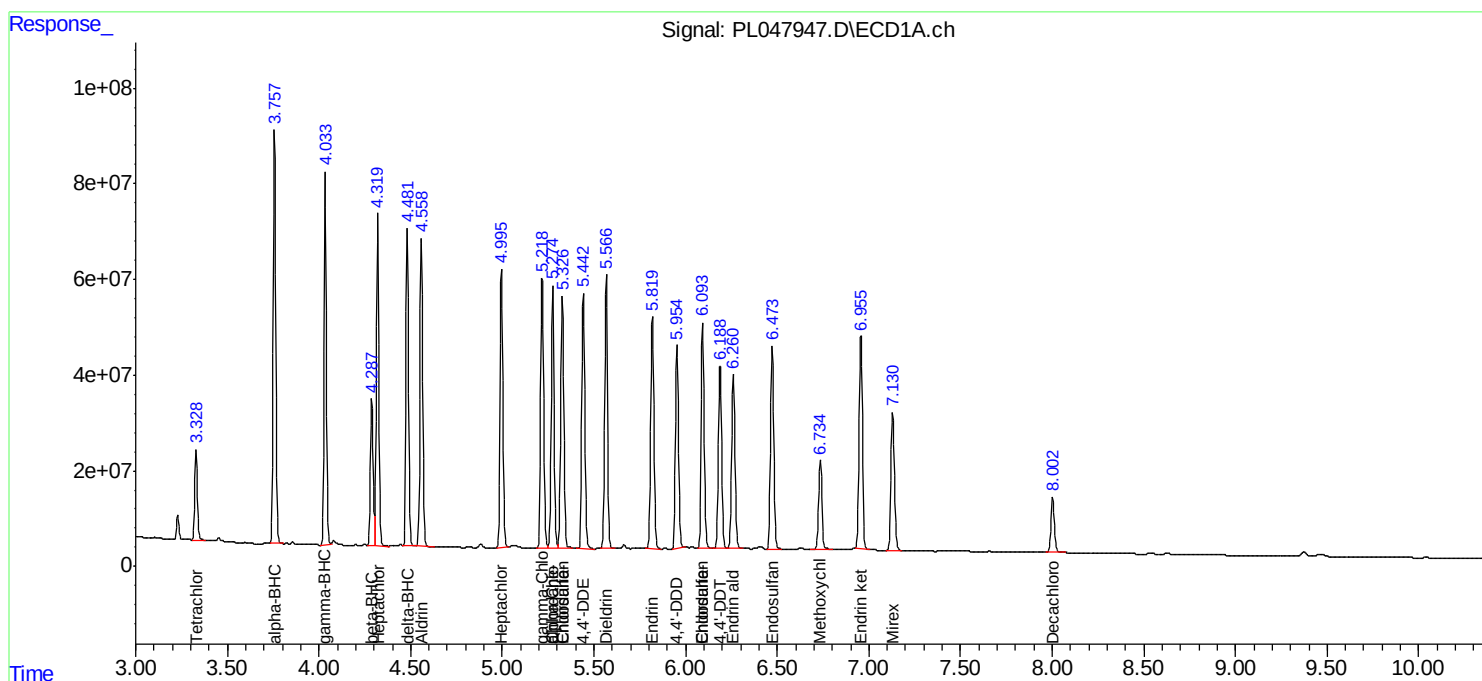
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

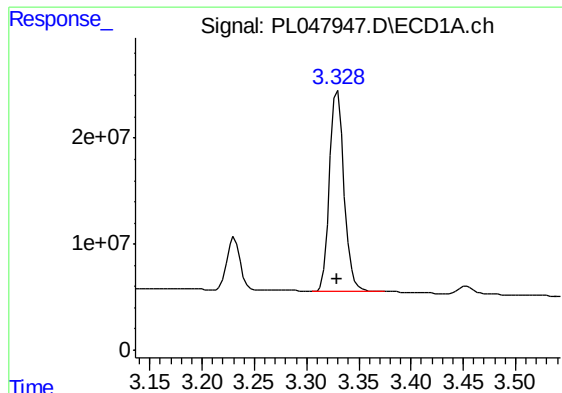
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
Data File : PL047947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Apr 2019 16:20
Operator : AJ\SJ
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ClientSampleId :
PST-001-B194-042519MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:12:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
Quant Title : GC Extractables
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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

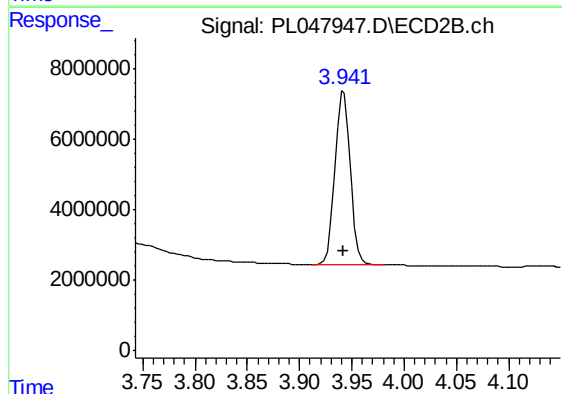




#1 Tetrachloro-m-xylene

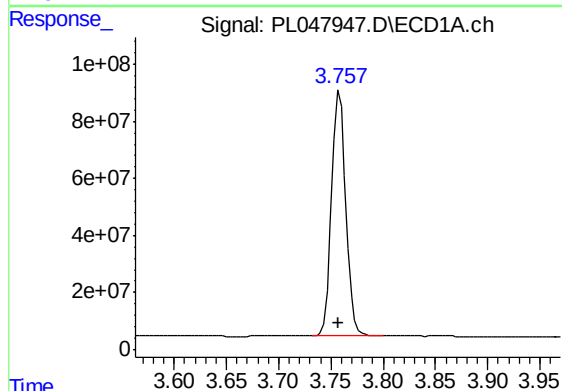
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 182960757
Conc: 19.78 ng/ml

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



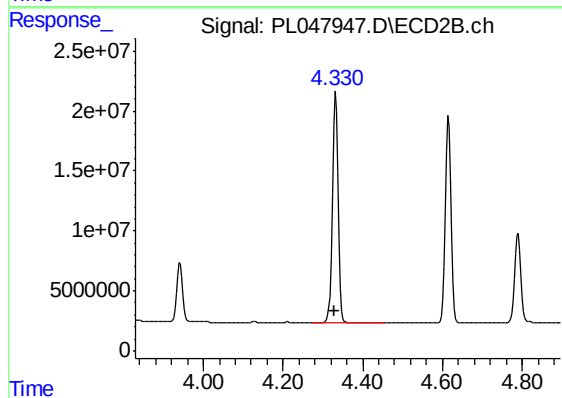
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 50402437
Conc: 21.11 ng/ml



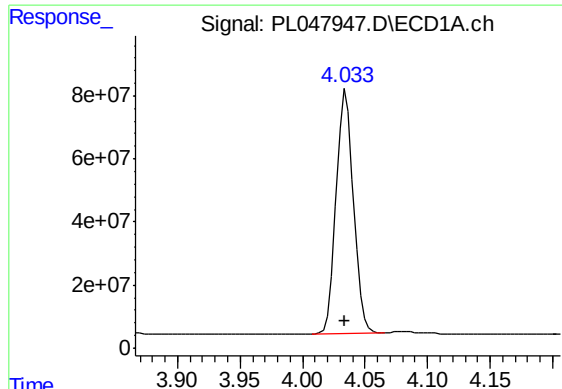
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 812906565
Conc: 55.61 ng/ml



#2 alpha-BHC

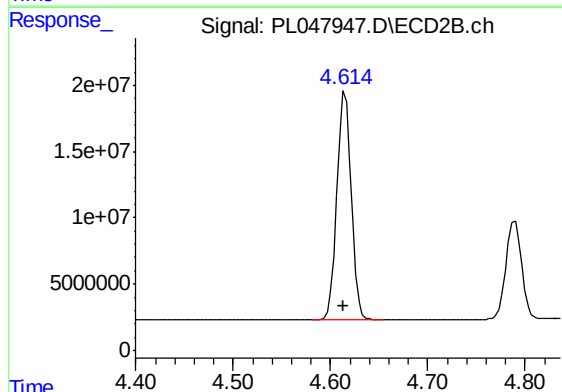
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 194819844
Conc: 58.70 ng/ml



#3 gamma-BHC (Lindane)

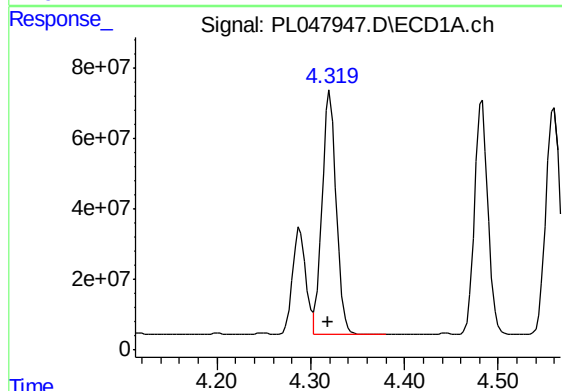
R.T.: 4.035 min
Delta R.T.: 0.001 min
Response: 747676114
Conc: 56.41 ng/ml

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



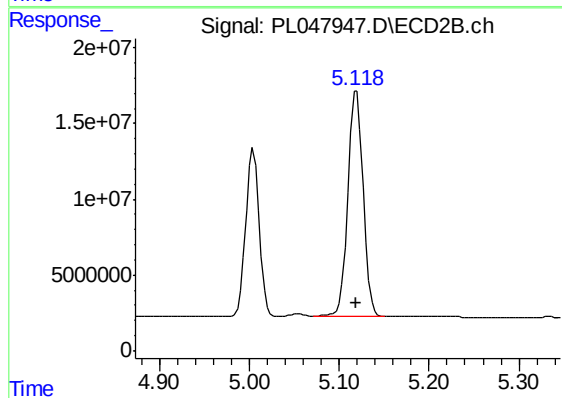
#3 gamma-BHC (Lindane)

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 178289215
Conc: 56.84 ng/ml



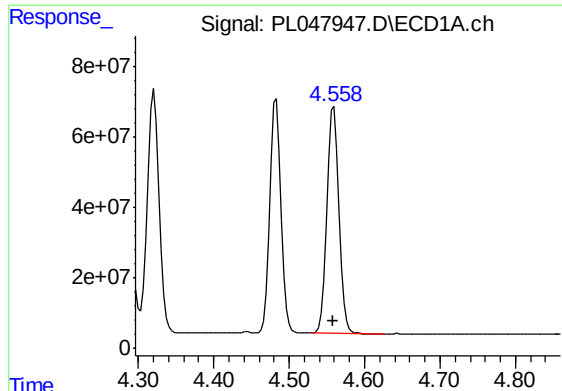
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 737708192
Conc: 51.78 ng/ml



#4 Heptachlor

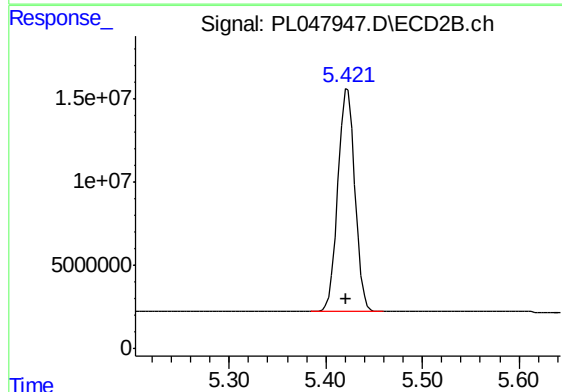
R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 175558500
Conc: 52.24 ng/ml



#5 Aldrin

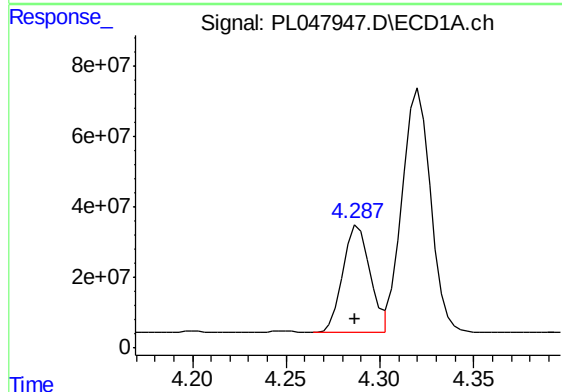
R.T.: 4.560 min
Delta R.T.: 0.001 min
Response: 698592020
Conc: 50.17 ng/ml

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



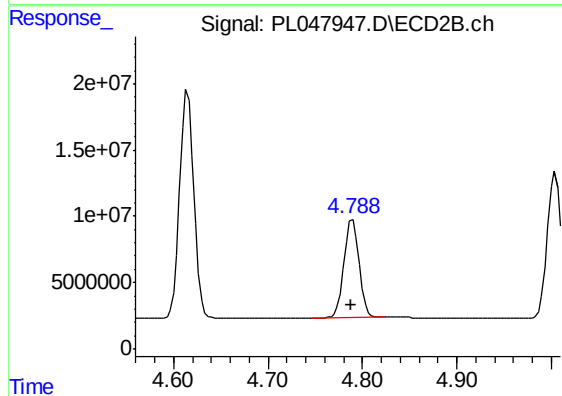
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 160670940
Conc: 51.48 ng/ml



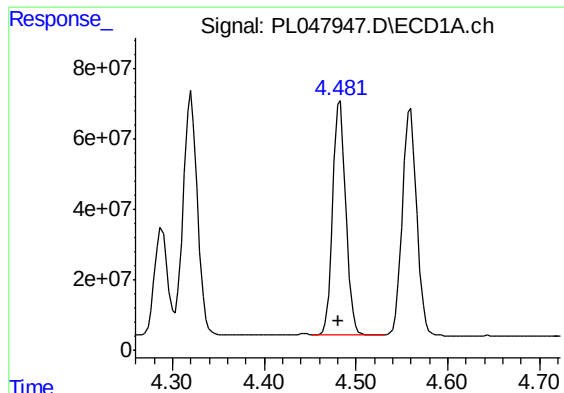
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 299277591
Conc: 52.97 ng/ml



#6 beta-BHC

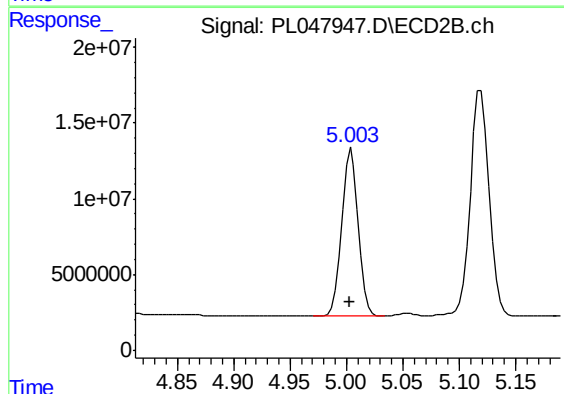
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 82334210
Conc: 57.14 ng/ml



#7 delta-BHC

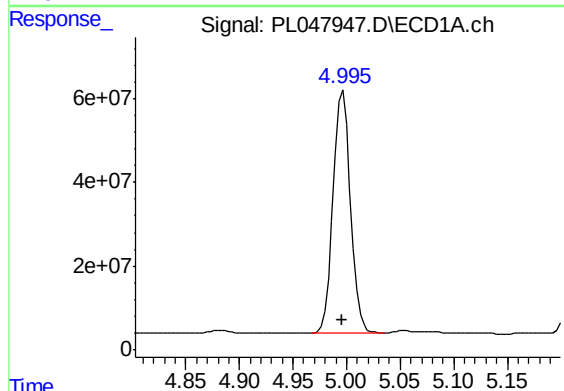
R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 666248294
Conc: 51.29 ng/ml

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



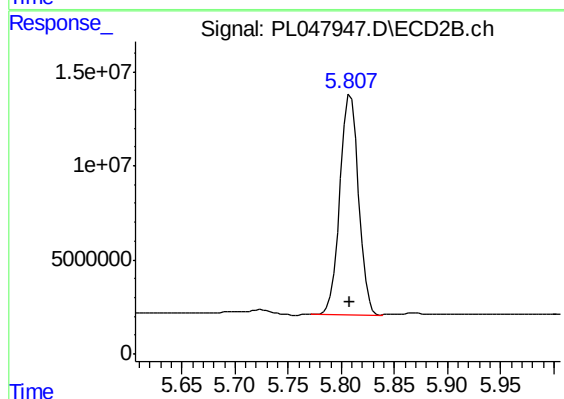
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: 0.002 min
Response: 115215359
Conc: 45.86 ng/ml



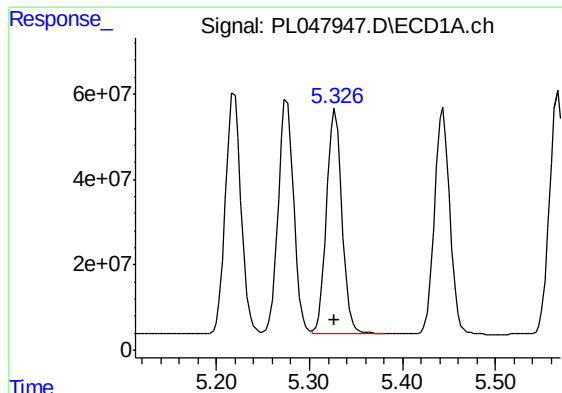
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 650933488
Conc: 50.79 ng/ml



#8 Heptachlor epoxide

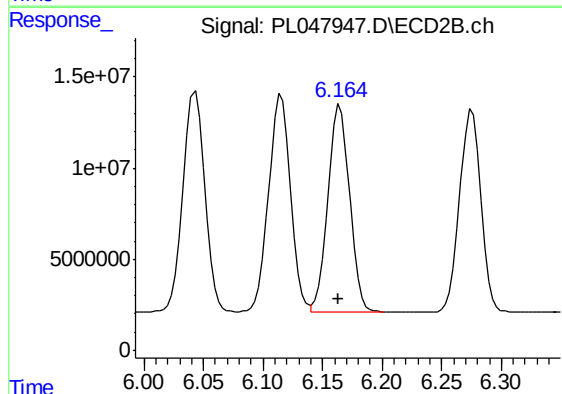
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 141942755
Conc: 50.79 ng/ml



#9 Endosulfan I

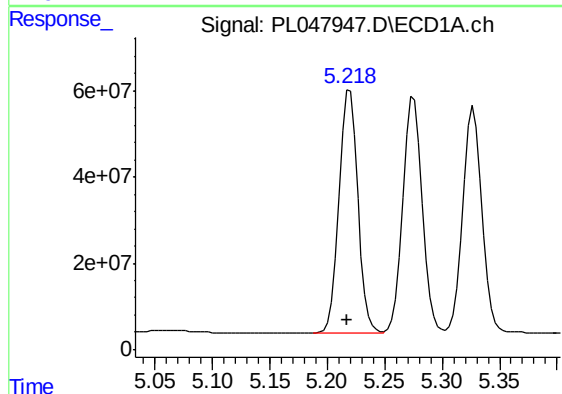
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 604634720
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
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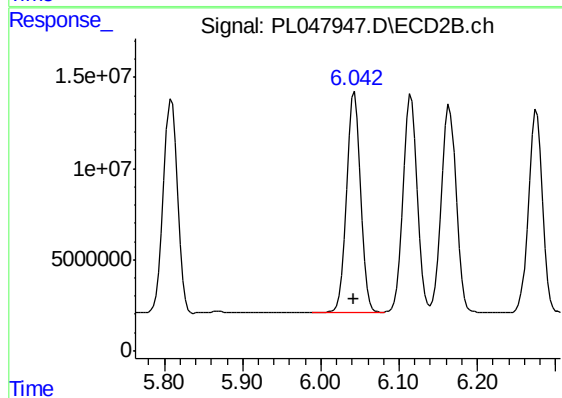
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 143353478
Conc: 51.05 ng/ml



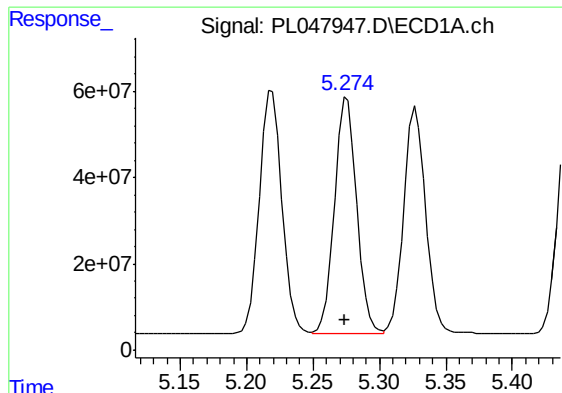
#10 gamma-Chlordane

R.T.: 5.219 min
Delta R.T.: 0.001 min
Response: 656762377
Conc: 49.33 ng/ml



#10 gamma-Chlordane

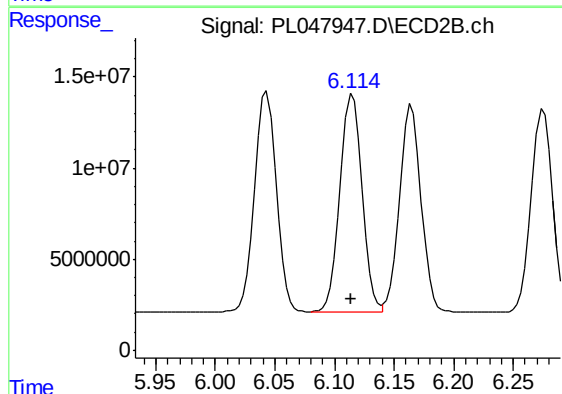
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 152661969
Conc: 50.44 ng/ml



#11 alpha-Chlordane

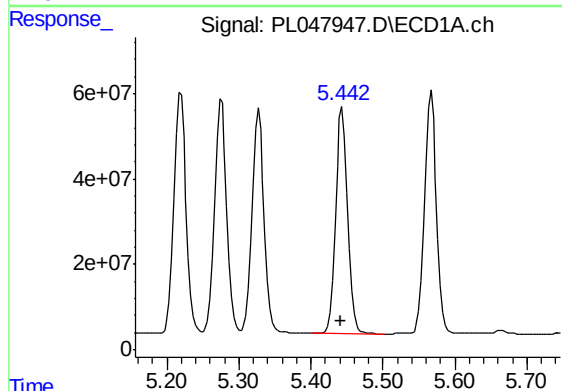
R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 640747069
Conc: 49.10 ng/ml

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



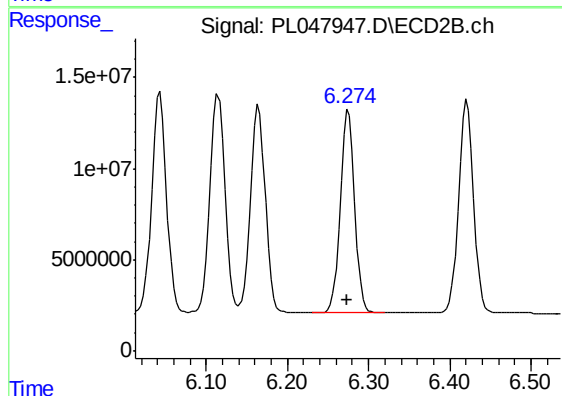
#11 alpha-Chlordane

R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 152374729
Conc: 50.36 ng/ml



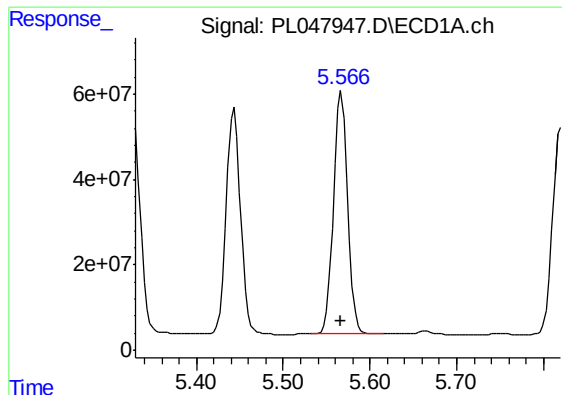
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.001 min
Response: 616579728
Conc: 49.57 ng/ml



#12 4,4'-DDE

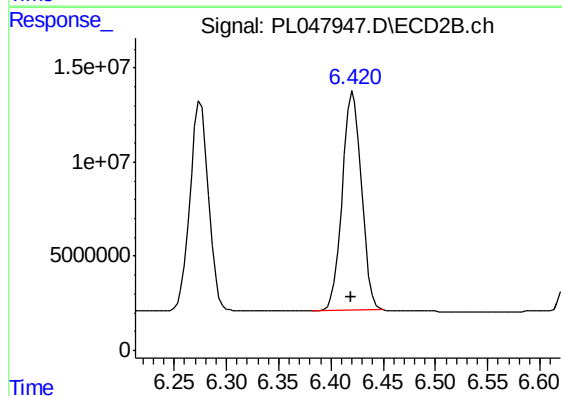
R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 138113426
Conc: 50.02 ng/ml



#13 Dielddrin

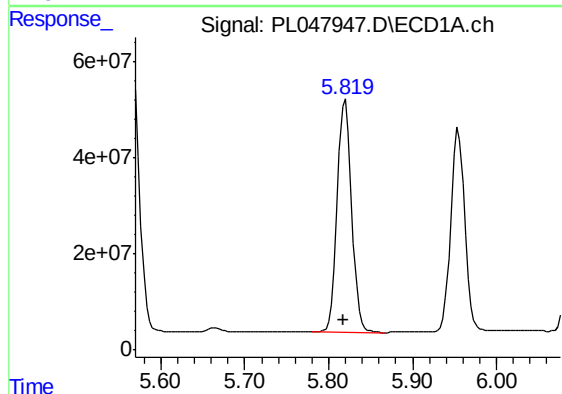
R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 646899731
Conc: 49.83 ng/ml

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



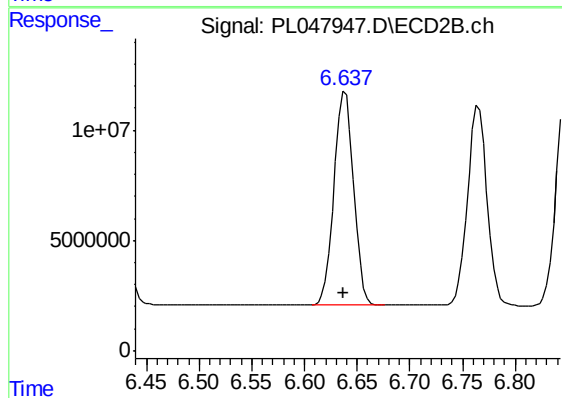
#13 Dielddrin

R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 148775500
Conc: 50.89 ng/ml



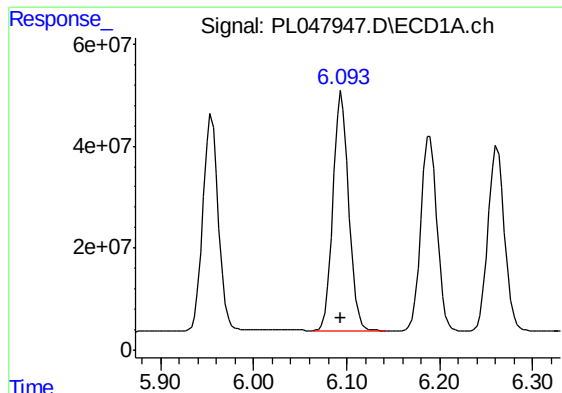
#14 Endrin

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 575632071
Conc: 48.44 ng/ml



#14 Endrin

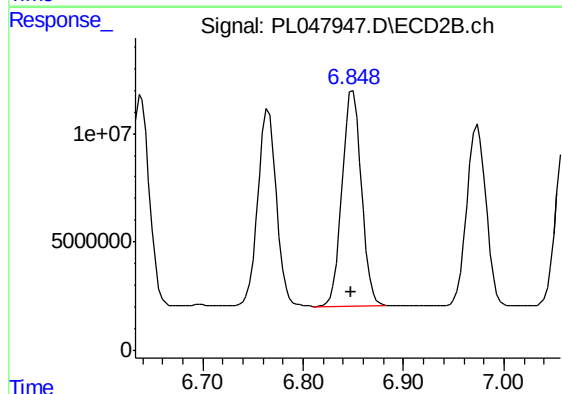
R.T.: 6.639 min
Delta R.T.: 0.002 min
Response: 125595045
Conc: 49.17 ng/ml



#15 Endosulfan II

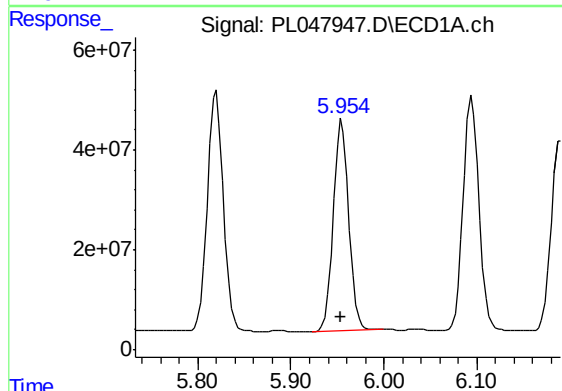
R.T.: 6.095 min
Delta R.T.: 0.001 min
Response: 549448635
Conc: 49.07 ng/ml

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



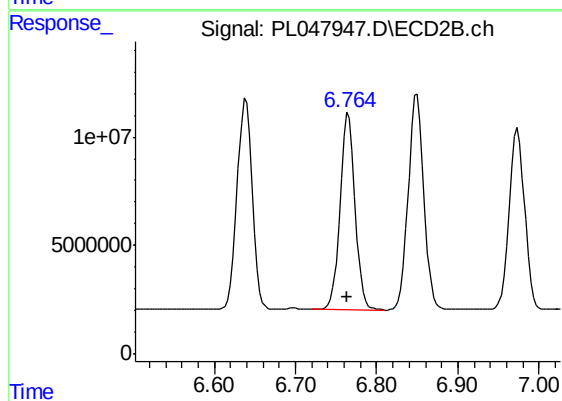
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 131600759
Conc: 50.16 ng/ml



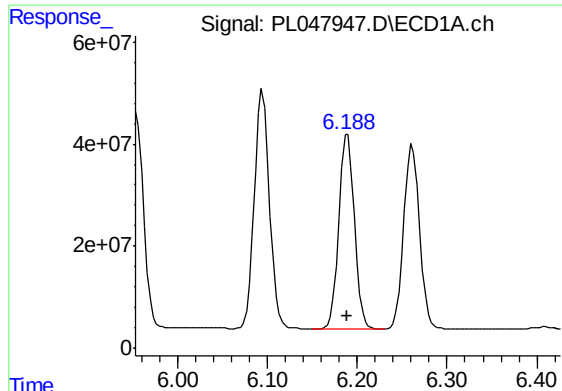
#16 4,4'-DDD

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 486734307
Conc: 49.50 ng/ml



#16 4,4'-DDD

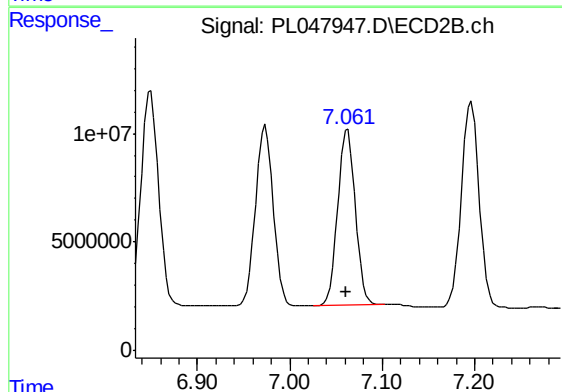
R.T.: 6.765 min
Delta R.T.: 0.002 min
Response: 117350291
Conc: 52.27 ng/ml



#17 4,4'-DDT

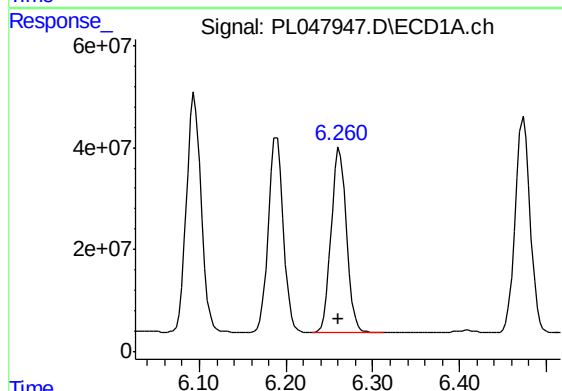
R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 458280237
Conc: 45.97 ng/ml

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



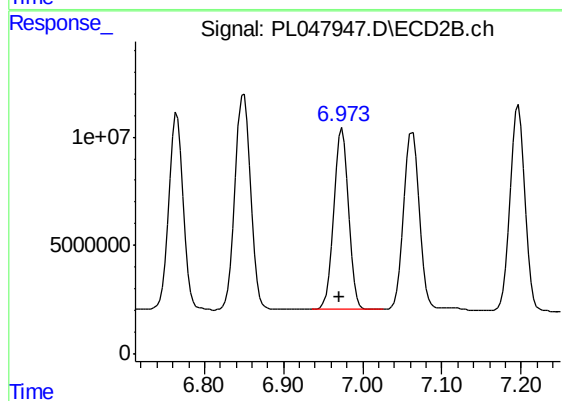
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 107708229
Conc: 45.21 ng/ml



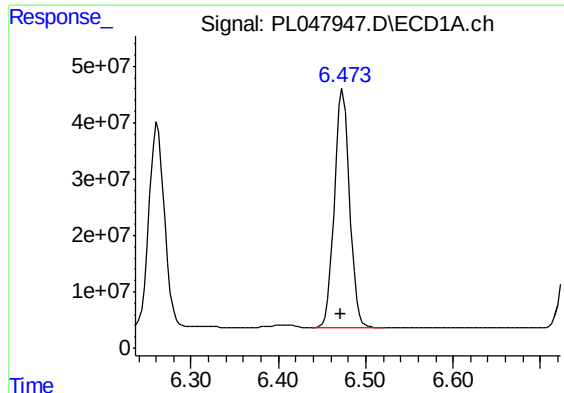
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 444363046
Conc: 47.10 ng/ml



#18 Endrin aldehyde

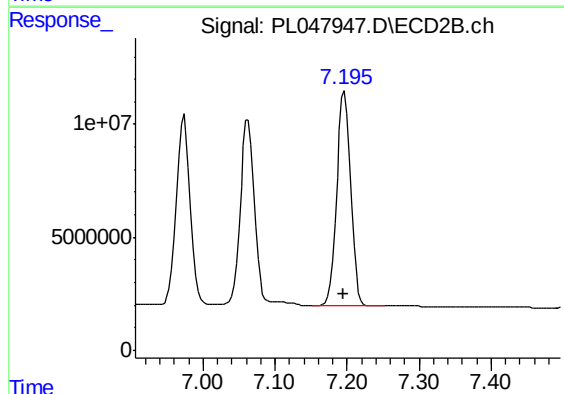
R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 111416795
Conc: 48.23 ng/ml



#19 Endosulfan Sulfate

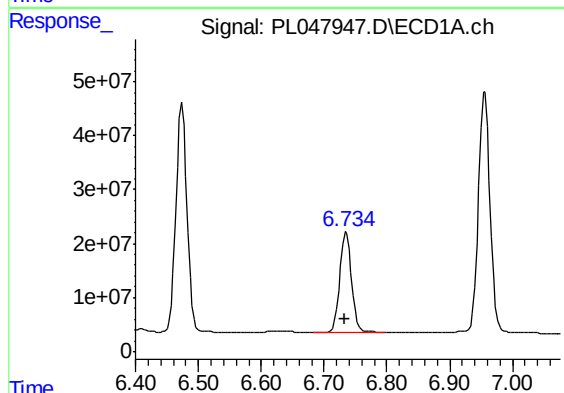
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 510764504
Conc: 45.82 ng/ml

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



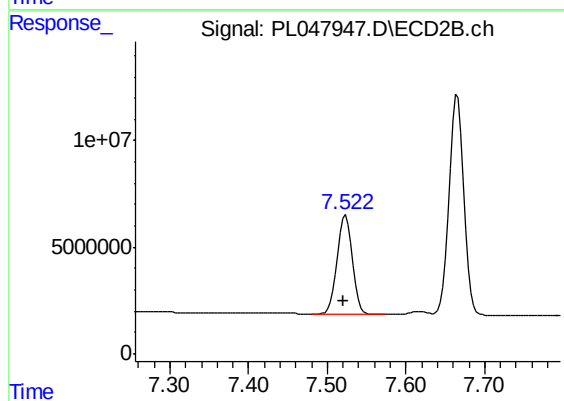
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.002 min
Response: 127545647
Conc: 46.58 ng/ml



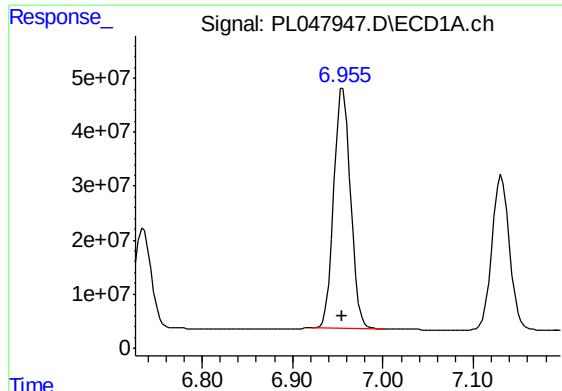
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 241994375
Conc: 45.50 ng/ml



#20 Methoxychlor

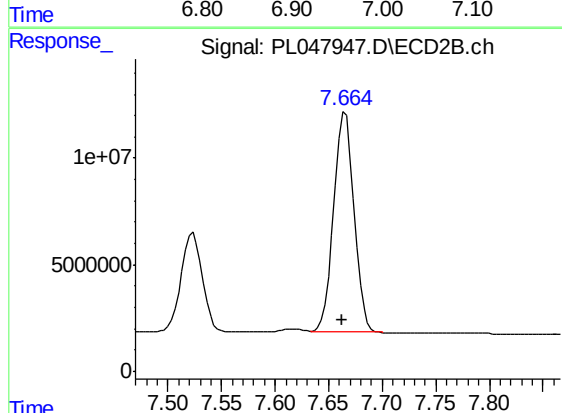
R.T.: 7.524 min
Delta R.T.: 0.003 min
Response: 64014151
Conc: 45.65 ng/ml



#21 Endrin ketone

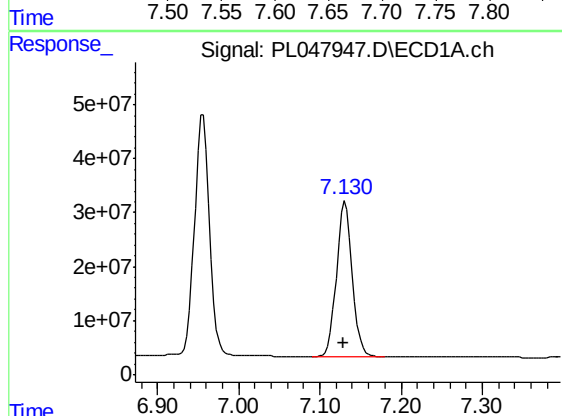
R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 568668750
Conc: 47.95 ng/ml

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



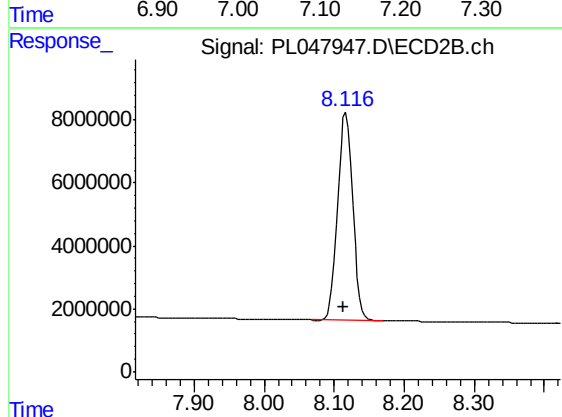
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 137330629
Conc: 48.84 ng/ml



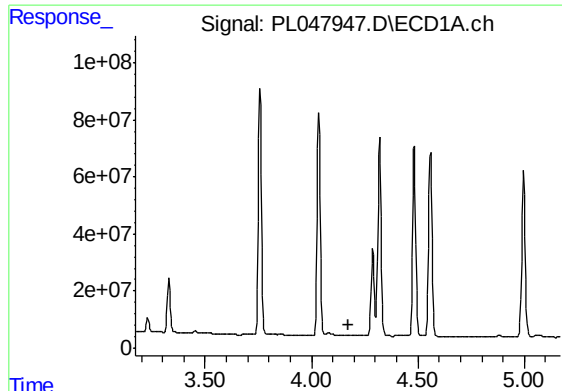
#22 Mirex

R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 387644975
Conc: 41.30 ng/ml



#22 Mirex

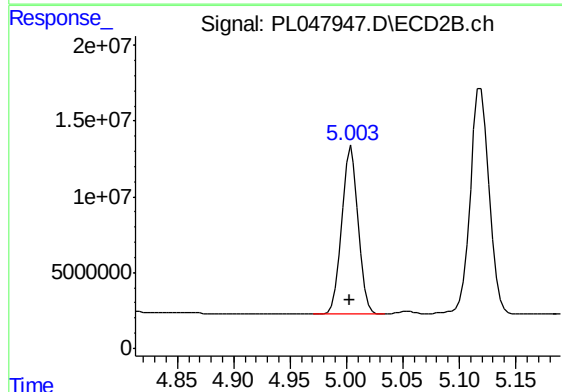
R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 99058044
Conc: 42.57 ng/ml



#23 Chlordane-1

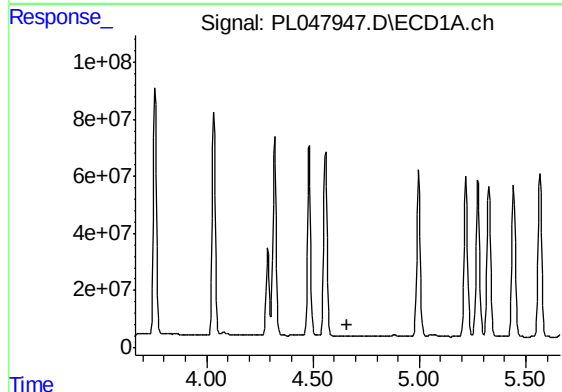
R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.

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



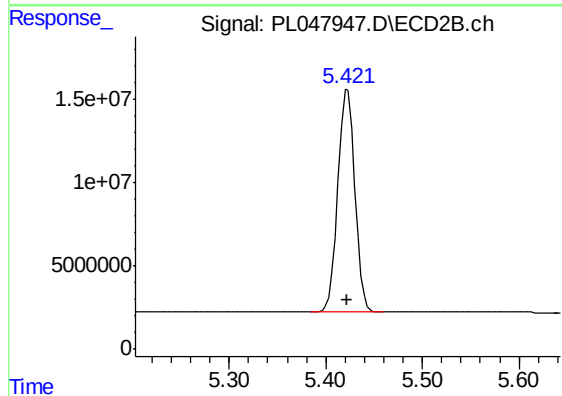
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 115215359
Conc: 449.70 ng/ml



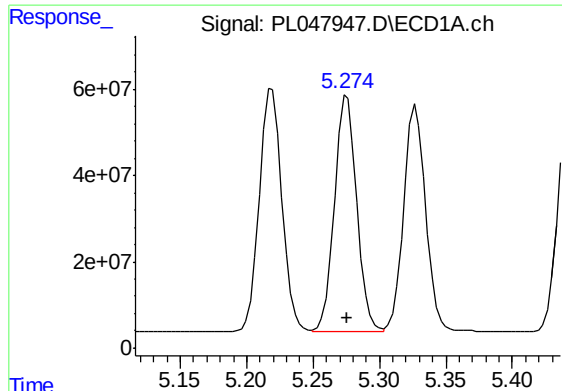
#24 Chlordane-2

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



#24 Chlordane-2

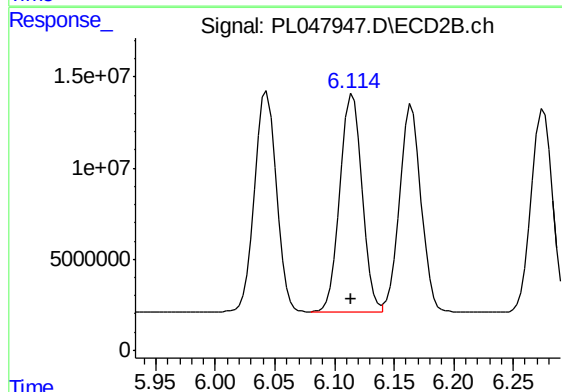
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 160670940
Conc: 516.33 ng/ml



#25 Chlordane-3

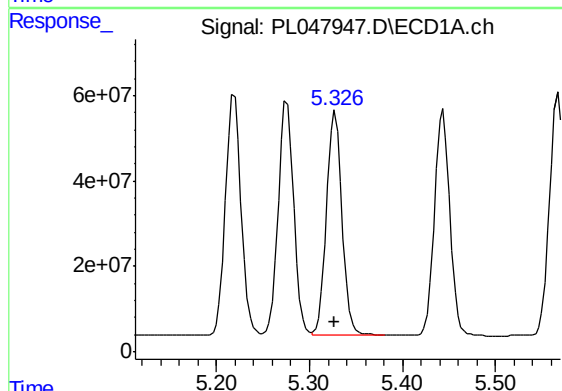
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 640747069
Conc: 486.01 ng/ml

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



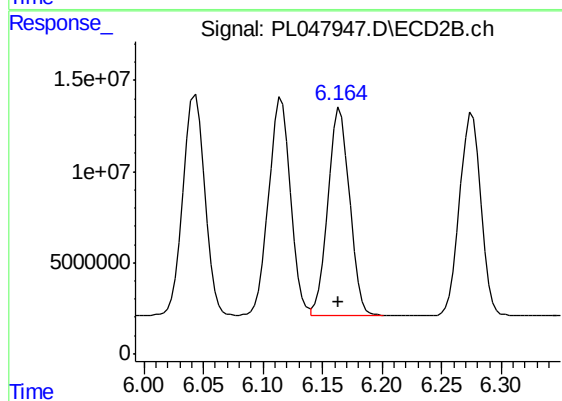
#25 Chlordane-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 152374729
Conc: 514.39 ng/ml



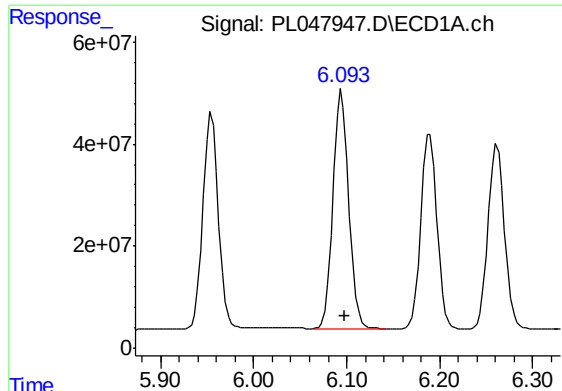
#26 Chlordane-4

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 604634720
Conc: 492.08 ng/ml



#26 Chlordane-4

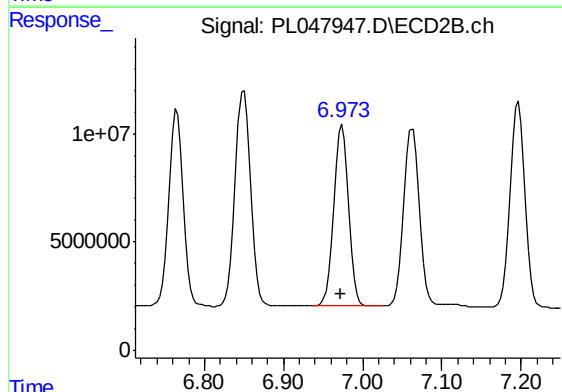
R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 143353478
Conc: 520.53 ng/ml



#27 Chlordane-5

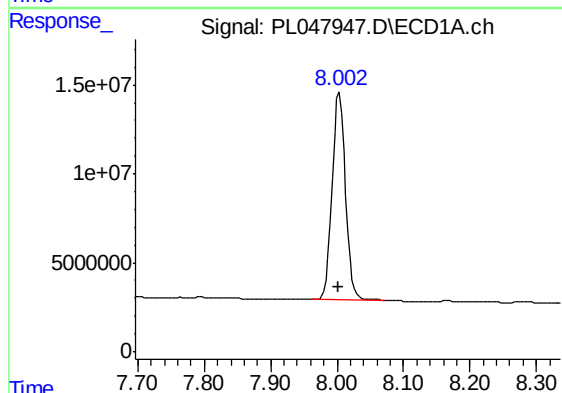
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 549448635
Conc: 1295.95 ng/ml

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



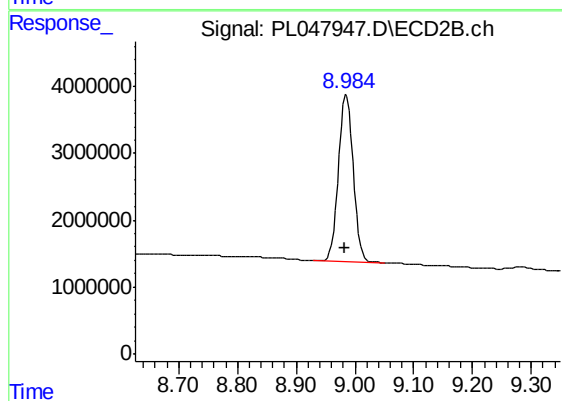
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.001 min
Response: 111416795
Conc: 494.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min
Delta R.T.: 0.002 min
Response: 161186641
Conc: 14.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.004 min
Response: 44438403
Conc: 15.57 ng/ml