

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
 Data File : PL047920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2019 08:02
 Operator : AJ\SJ
 Sample : K2587-17MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-004-B163-042319MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:05:13 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	186.5E6	52303278	20.164	21.909
28)	SA Decachlor...	8.004	8.985	136.6E6	39131668	12.202	13.708
Target Compounds							
2)	A alpha-BHC	3.759	4.331	744.6E6	180.0E6	50.938	54.250
3)	MA gamma-BHC...	4.035	4.615	682.5E6	163.4E6	51.493	52.097
4)	MA Heptachlor	4.321	5.119	673.7E6	162.0E6	47.283	48.210
5)	MB Aldrin	4.560	5.423	629.7E6	145.3E6	45.218	46.564
6)	B beta-BHC	4.289	4.790	268.1E6	74343114	47.454	51.597
7)	B delta-BHC	4.483	5.004	538.7E6	88044210	41.471	35.046
8)	B Heptachlor...	4.997	5.809	587.7E6	123.0E6	45.856	44.024
9)	A Endosulfan I	5.328	6.165	542.9E6	129.7E6	44.890	46.183
10)	B gamma-Chl...	5.220	6.043	596.9E6	139.0E6	44.835	45.941
11)	B alpha-Chl...	5.276	6.115	582.2E6	139.4E6	44.617	46.076
12)	B 4,4'-DDE	5.444	6.275	556.1E6	127.7E6	44.708	46.252
13)	MA Dieldrin	5.568	6.422	577.9E6	134.3E6	44.519	45.941
14)	MA Endrin	5.821	6.639	525.6E6	116.4E6	44.227	45.575
15)	B Endosulfa...	6.096	6.850	483.5E6	117.5E6	43.187	44.802
16)	A 4,4'-DDD	5.955	6.766	419.0E6	104.2E6	42.614	46.415
17)	MA 4,4'-DDT	6.190	7.063	411.8E6	99264189	41.306	41.669
18)	B Endrin al...	6.263	6.974	374.7E6	95748157	39.712	41.443
19)	B Endosulfa...	6.474	7.197	449.1E6	112.8E6	40.296	41.173
20)	A Methoxychlor	6.736	7.523	218.9E6	59151251	41.155	42.186
21)	B Endrin ke...	6.957	7.666	495.5E6	123.8E6	41.788	44.038
22)	Mirex	7.132	8.117	334.1E6	89127060	35.592	38.304
23)	Chlordane-1	0.000	5.004	0	88044210	N.D.	343.649 #
24)	Chlordane-2	0.000	5.423	0	145.3E6	N.D.	467.009 #
25)	Chlordane-3	5.276	6.115	582.2E6	139.4E6	441.604	470.578
26)	Chlordane-4	5.328	6.165	542.9E6	129.7E6	441.803	470.889
27)	Chlordane-5	6.096	6.974	483.5E6	95748157	1140.494	424.875 #

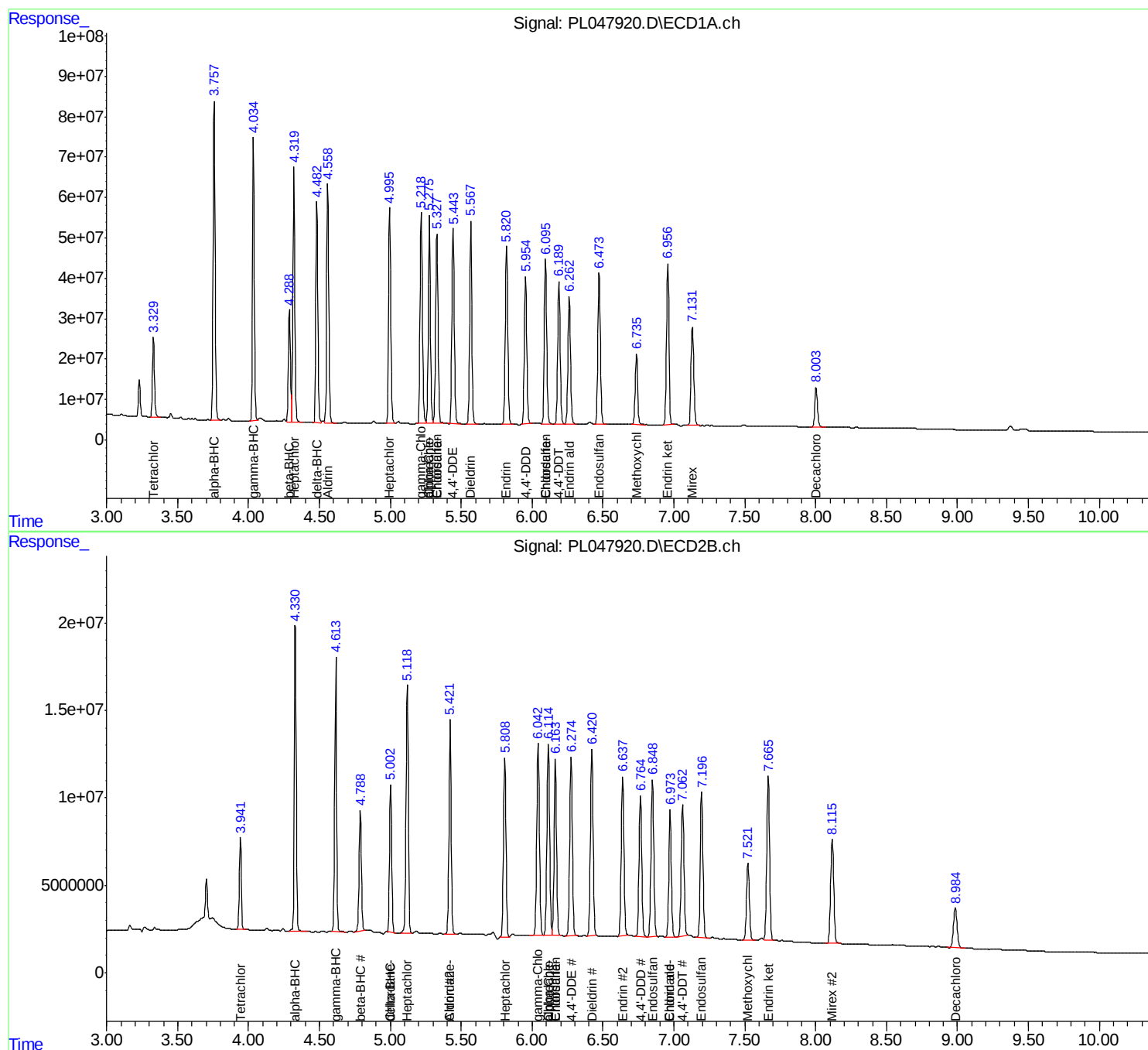
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

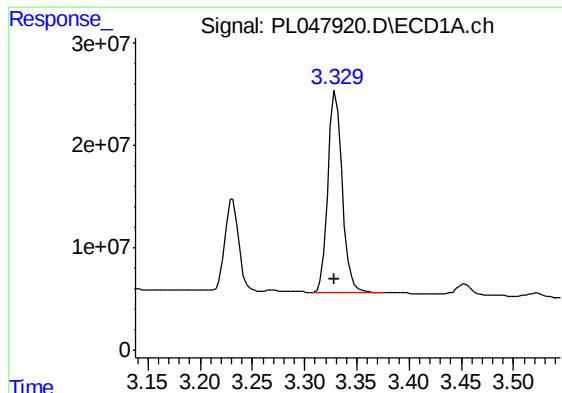
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
Data File : PL047920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Apr 2019 08:02
Operator : AJ\SJ
Sample : K2587-17MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:05:13 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

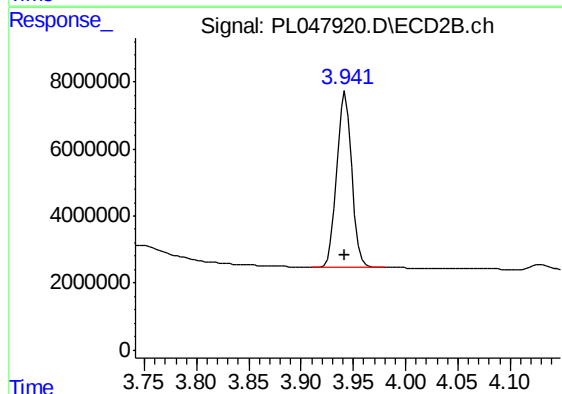




#1 Tetrachloro-m-xylene

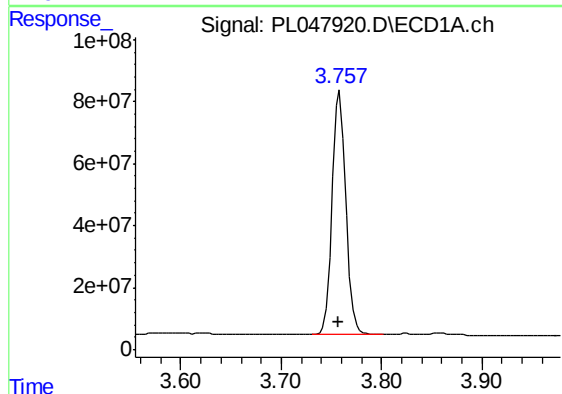
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 186481691
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



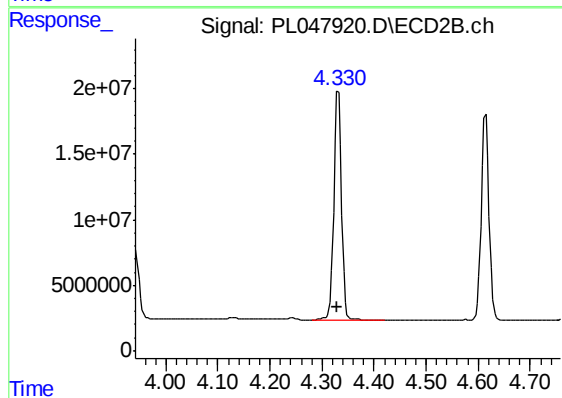
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 52303278
Conc: 21.91 ng/ml



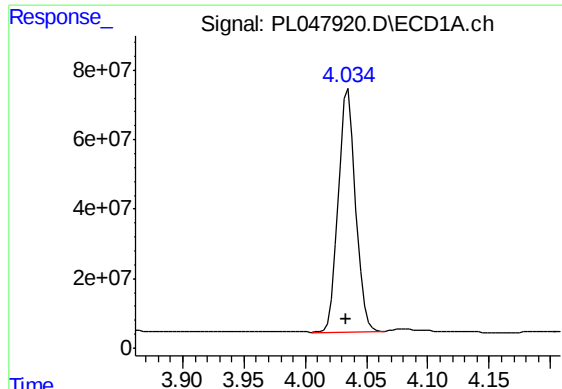
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 744639111
Conc: 50.94 ng/ml



#2 alpha-BHC

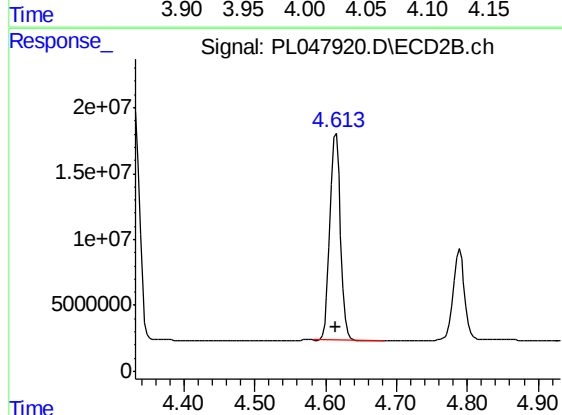
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 180039104
Conc: 54.25 ng/ml



#3 gamma-BHC (Lindane)

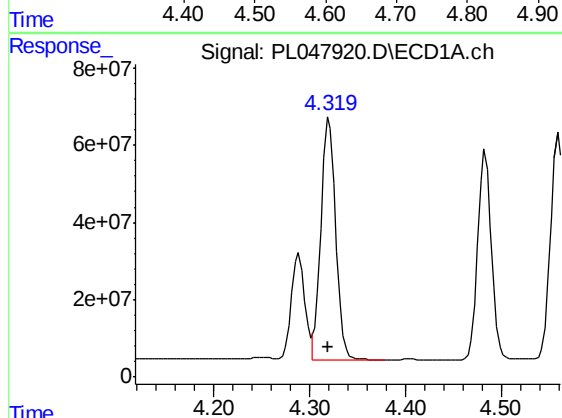
R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 682526887
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



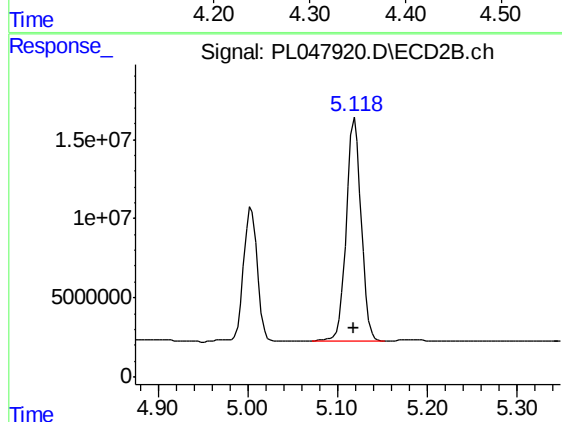
#3 gamma-BHC (Lindane)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 163400549
Conc: 52.10 ng/ml



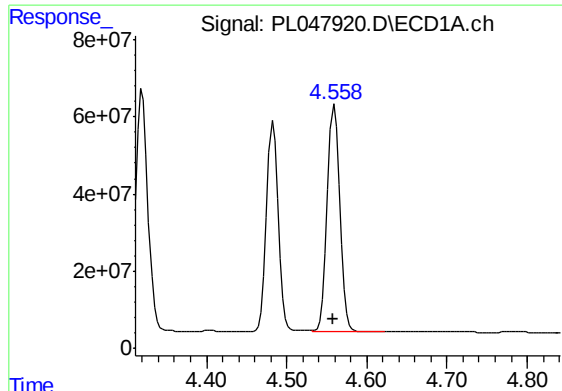
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 673694451
Conc: 47.28 ng/ml



#4 Heptachlor

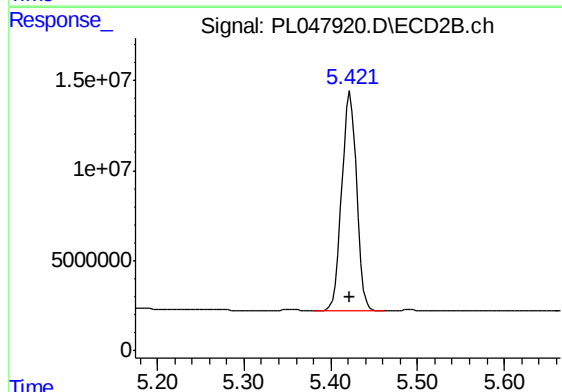
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 162024487
Conc: 48.21 ng/ml



#5 Aldrin

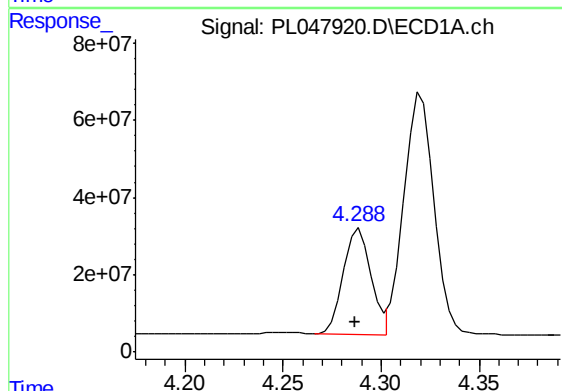
R.T.: 4.560 min
Delta R.T.: 0.001 min
Response: 629686128
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



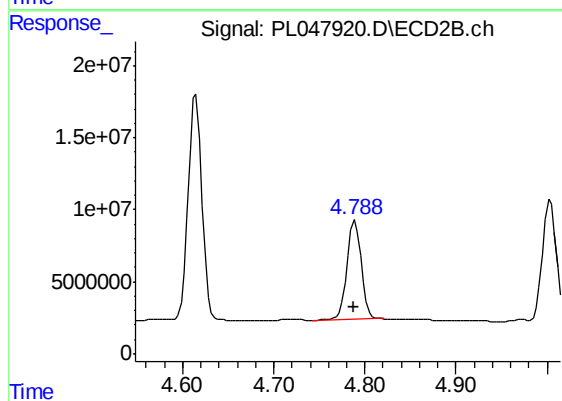
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 145323540
Conc: 46.56 ng/ml



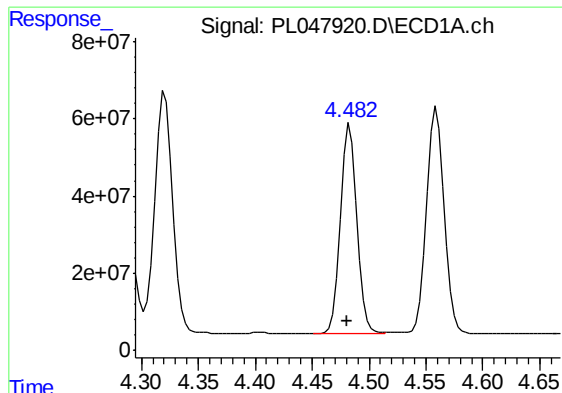
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 268114604
Conc: 47.45 ng/ml



#6 beta-BHC

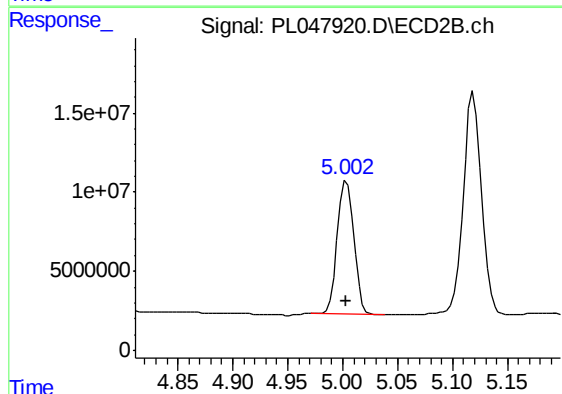
R.T.: 4.790 min
Delta R.T.: 0.001 min
Response: 74343114
Conc: 51.60 ng/ml



#7 delta-BHC

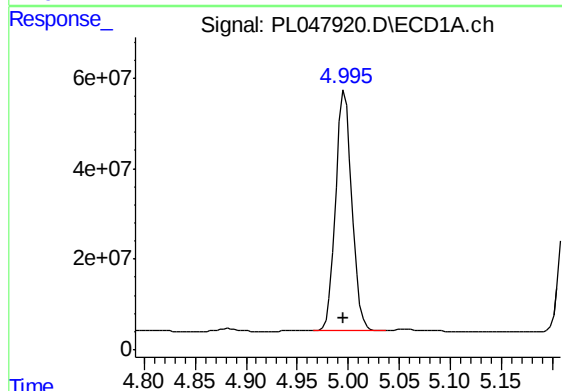
R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 538736414
Conc: 41.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



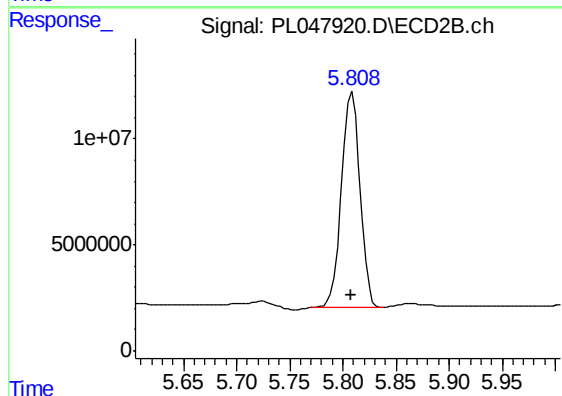
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 88044210
Conc: 35.05 ng/ml



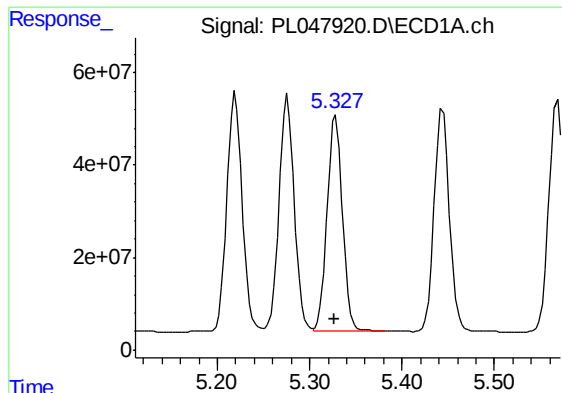
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 587650719
Conc: 45.86 ng/ml



#8 Heptachlor epoxide

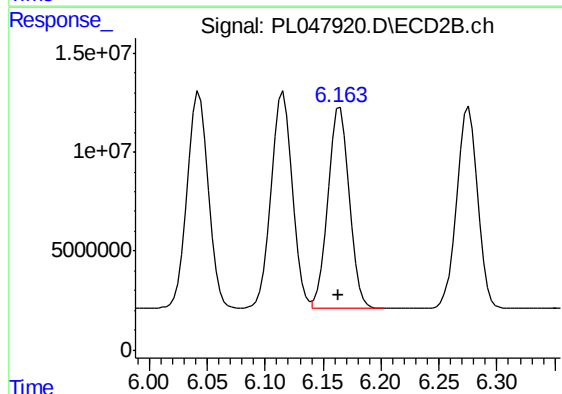
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 123035144
Conc: 44.02 ng/ml



#9 Endosulfan I

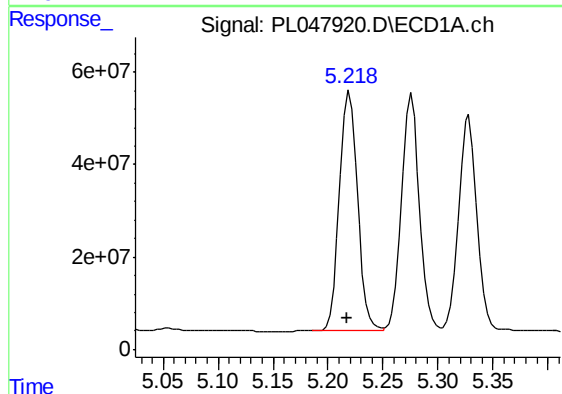
R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 542861803
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



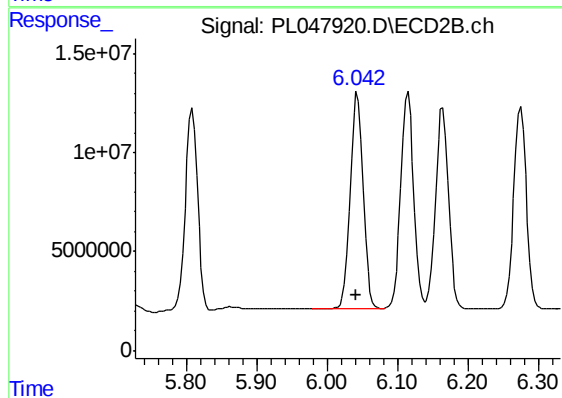
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 129681526
Conc: 46.18 ng/ml



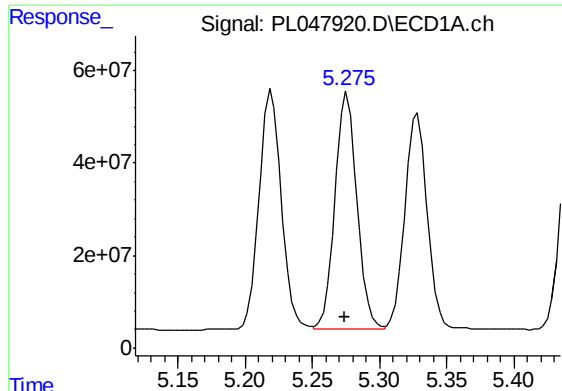
#10 gamma-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 596906588
Conc: 44.83 ng/ml



#10 gamma-Chlordane

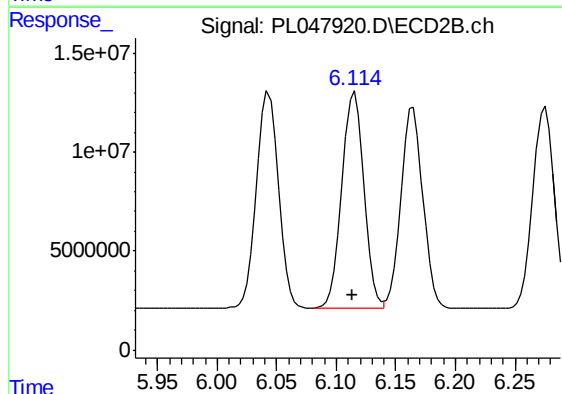
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 139033902
Conc: 45.94 ng/ml



#11 alpha-Chlordane

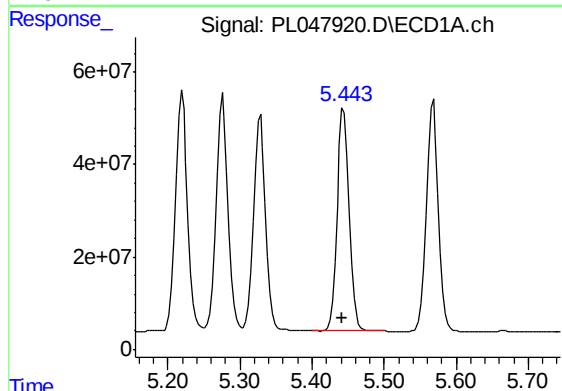
R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 582199488
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



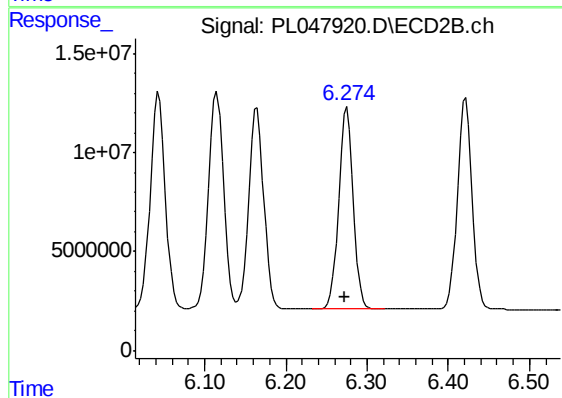
#11 alpha-Chlordane

R.T.: 6.115 min
Delta R.T.: 0.002 min
Response: 139397627
Conc: 46.08 ng/ml



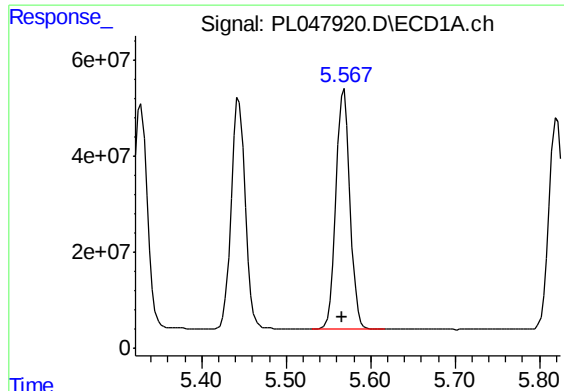
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 556117777
Conc: 44.71 ng/ml



#12 4,4'-DDE

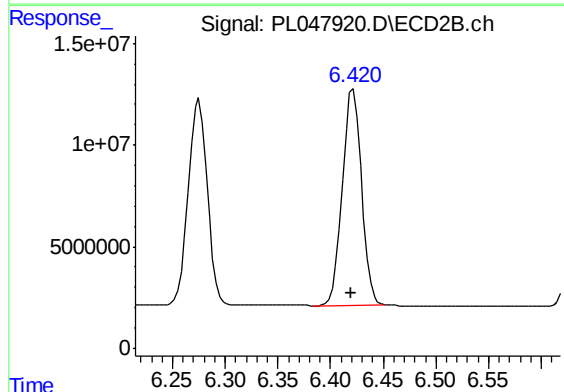
R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 127717878
Conc: 46.25 ng/ml



#13 Dieldrin

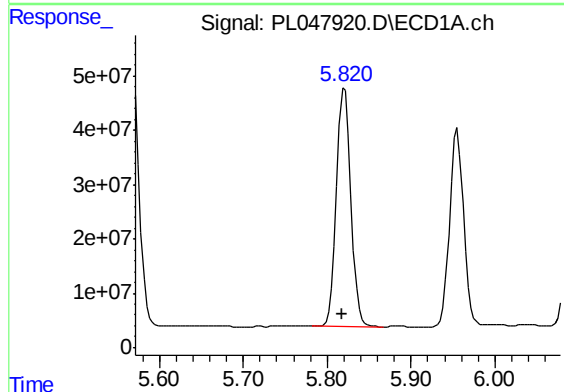
R.T.: 5.568 min
Delta R.T.: 0.003 min
Response: 577943307
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



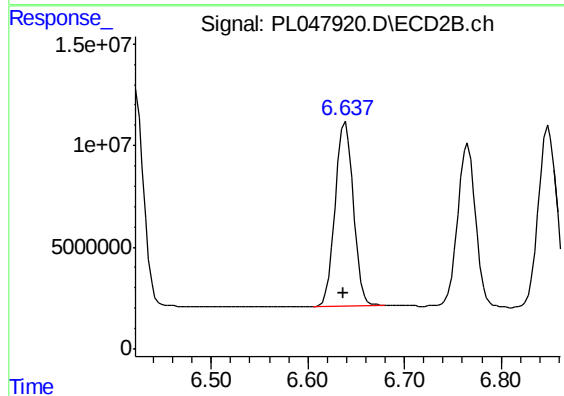
#13 Dieldrin

R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 134304469
Conc: 45.94 ng/ml



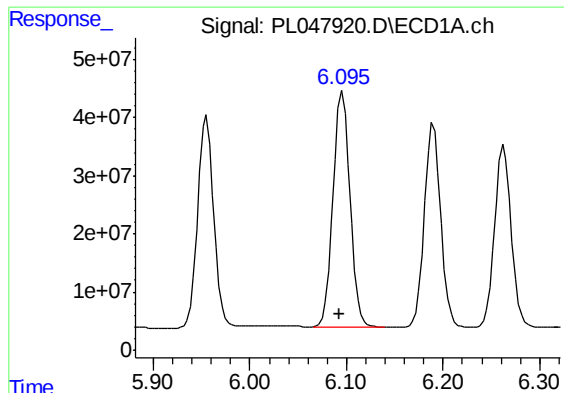
#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.003 min
Response: 525589835
Conc: 44.23 ng/ml



#14 Endrin

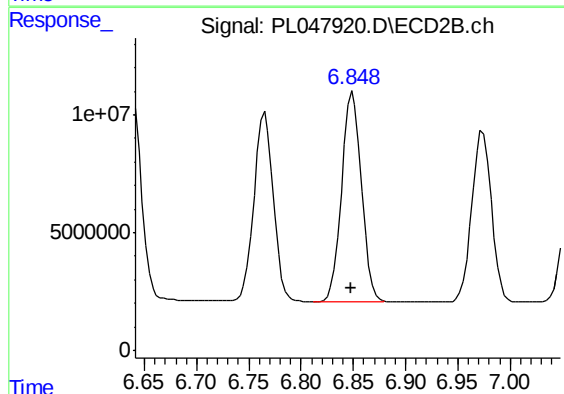
R.T.: 6.639 min
Delta R.T.: 0.002 min
Response: 116415368
Conc: 45.57 ng/ml



#15 Endosulfan II

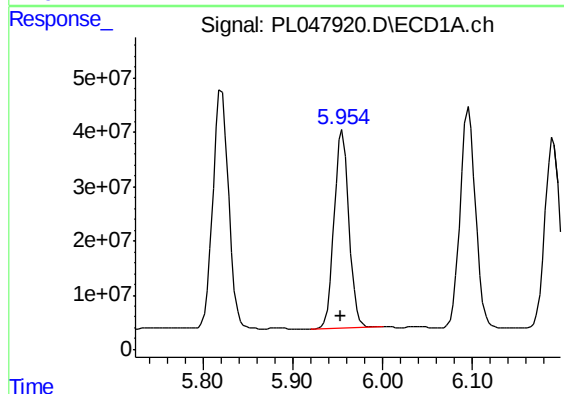
R.T.: 6.096 min
Delta R.T.: 0.003 min
Response: 483540366
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



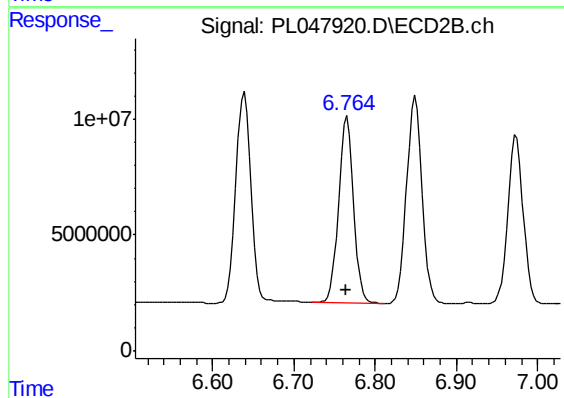
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 117543745
Conc: 44.80 ng/ml



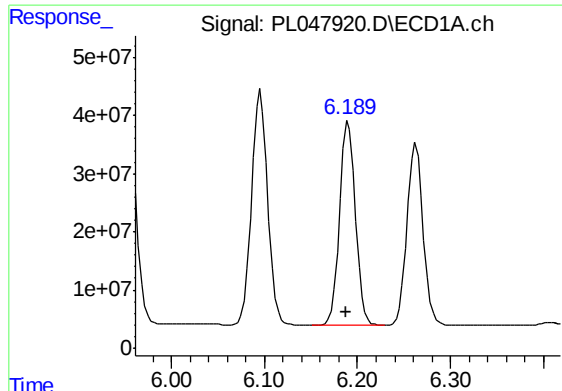
#16 4,4'-DDD

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 419023224
Conc: 42.61 ng/ml



#16 4,4'-DDD

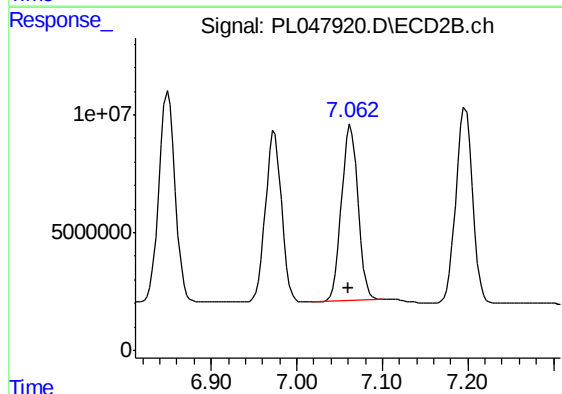
R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 104204476
Conc: 46.41 ng/ml



#17 4,4'-DDT

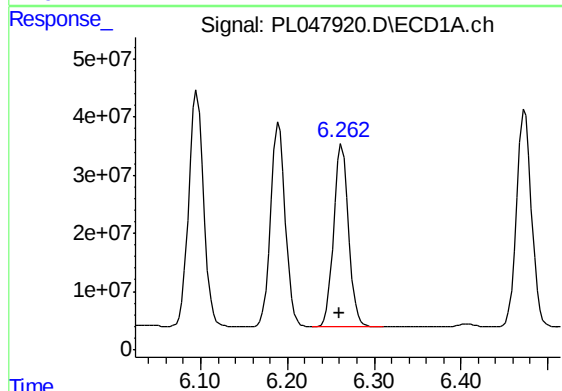
R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 411812556
Conc: 41.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



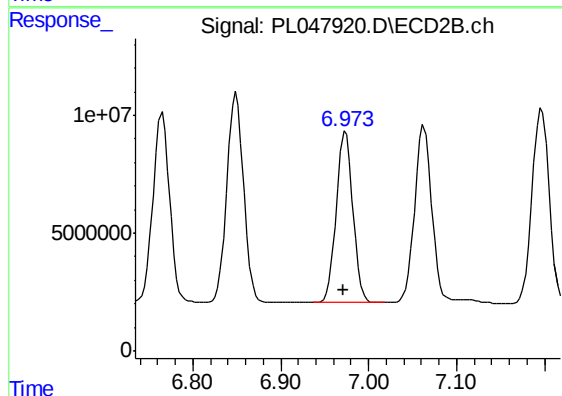
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 99264189
Conc: 41.67 ng/ml



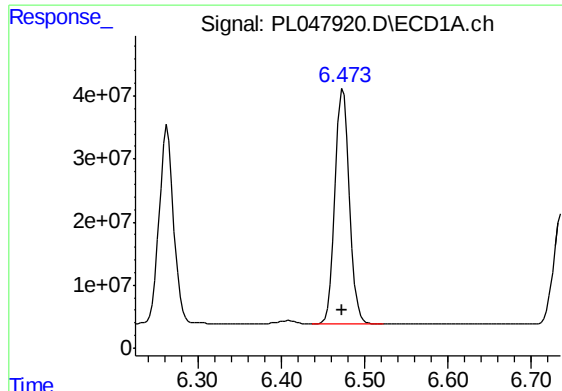
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.003 min
Response: 374691414
Conc: 39.71 ng/ml



#18 Endrin aldehyde

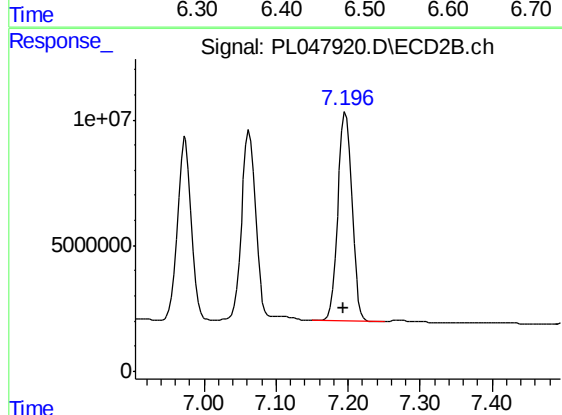
R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 95748157
Conc: 41.44 ng/ml



#19 Endosulfan Sulfate

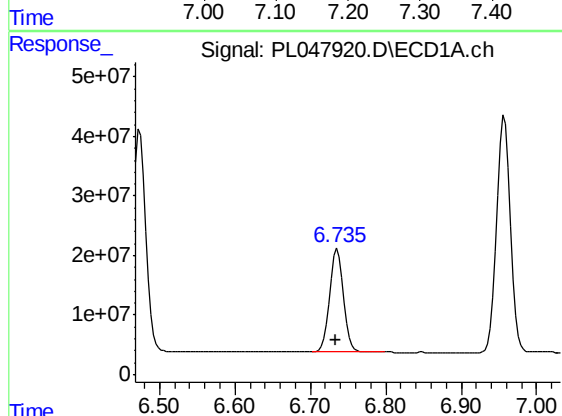
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 449149342
Conc: 40.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



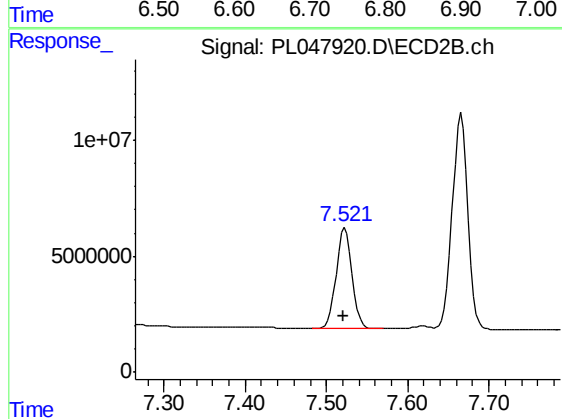
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 112751345
Conc: 41.17 ng/ml



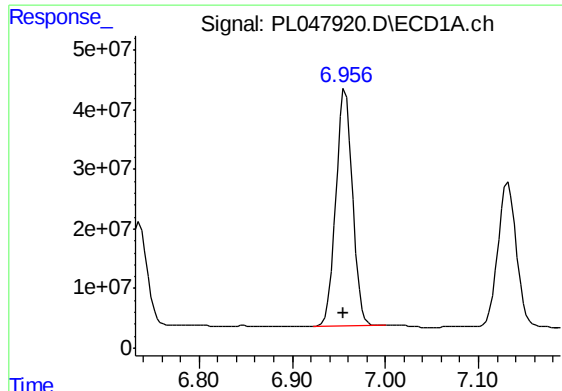
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 218889819
Conc: 41.15 ng/ml



#20 Methoxychlor

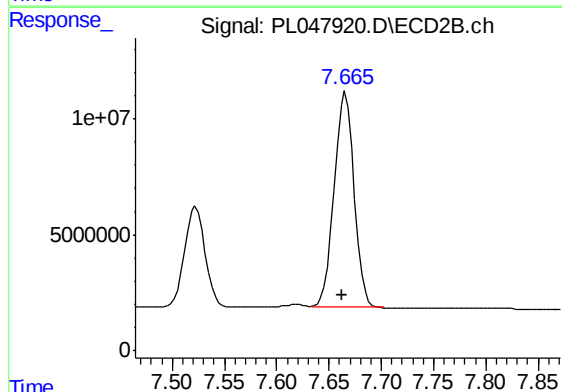
R.T.: 7.523 min
Delta R.T.: 0.002 min
Response: 59151251
Conc: 42.19 ng/ml



#21 Endrin ketone

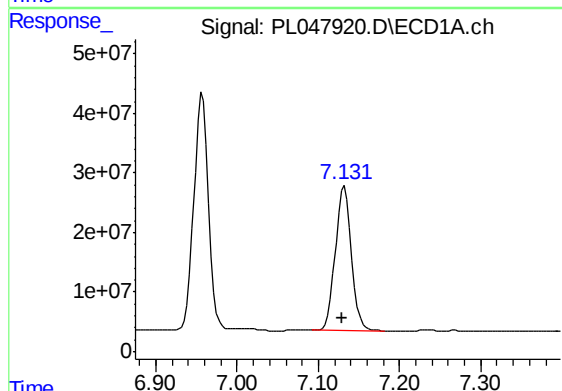
R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 495548995
Conc: 41.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



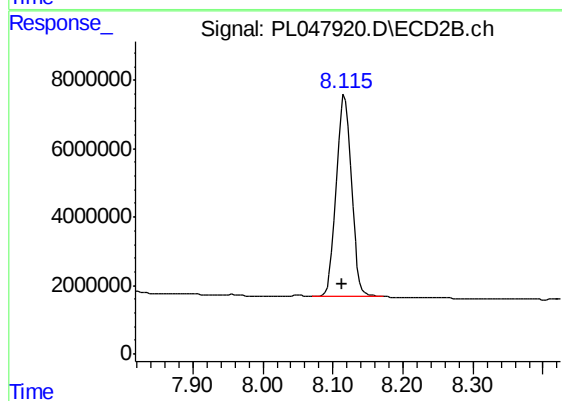
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 123822953
Conc: 44.04 ng/ml



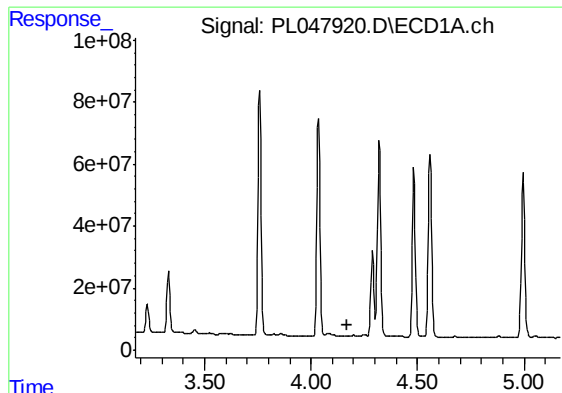
#22 Mirex

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 334090765
Conc: 35.59 ng/ml



#22 Mirex

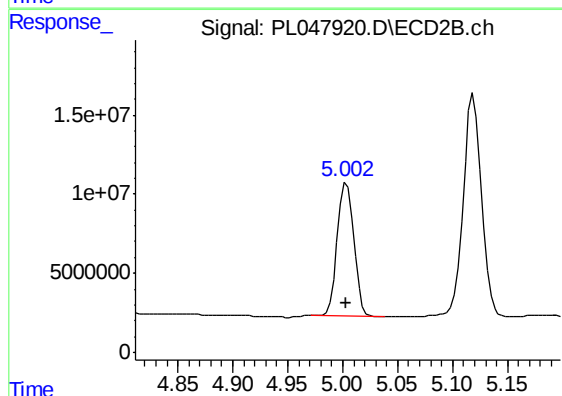
R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 89127060
Conc: 38.30 ng/ml



#23 Chlordane-1

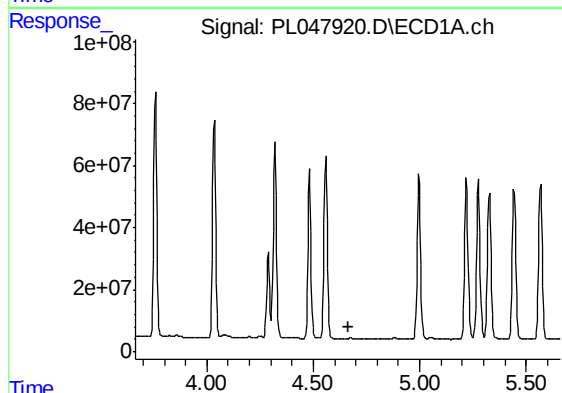
R.T.: 0.000 min
Exp R.T.: 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



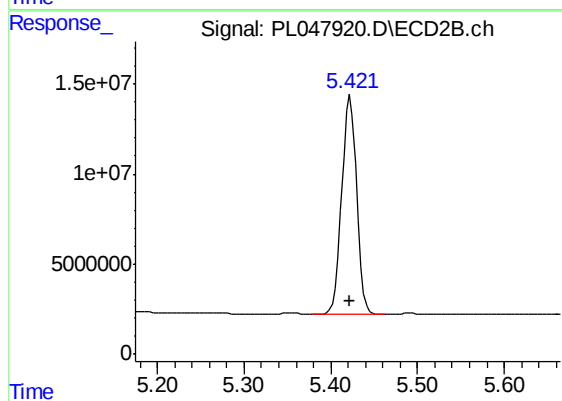
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 88044210
Conc: 343.65 ng/ml



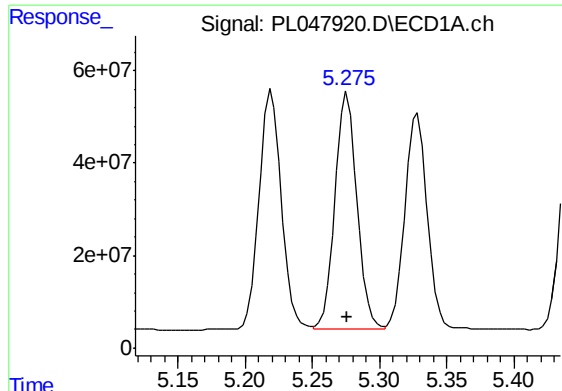
#24 Chlordane-2

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



#24 Chlordane-2

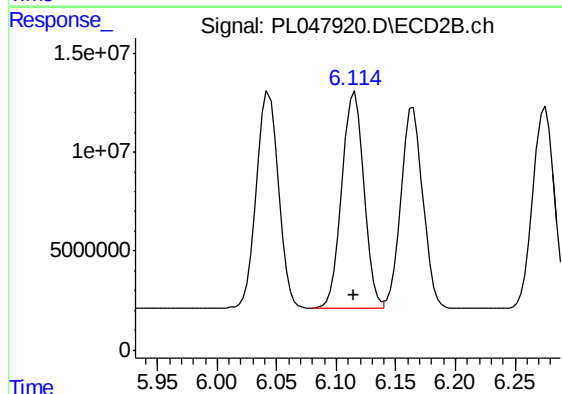
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 145323540
Conc: 467.01 ng/ml



#25 Chlordane-3

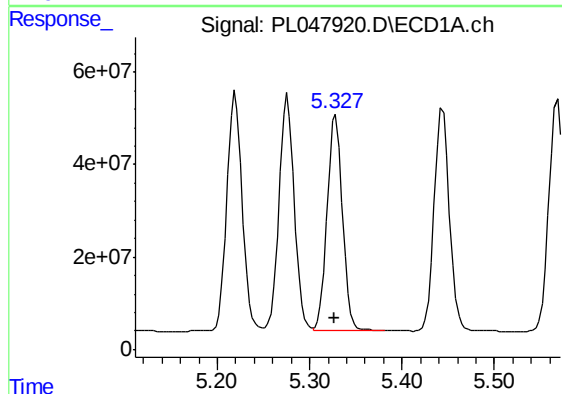
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 582199488
Conc: 441.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



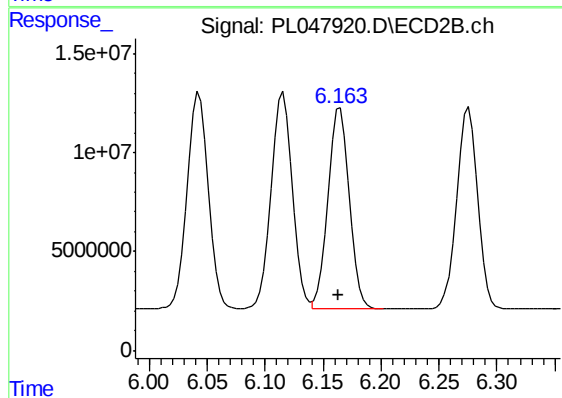
#25 Chlordane-3

R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 139397627
Conc: 470.58 ng/ml



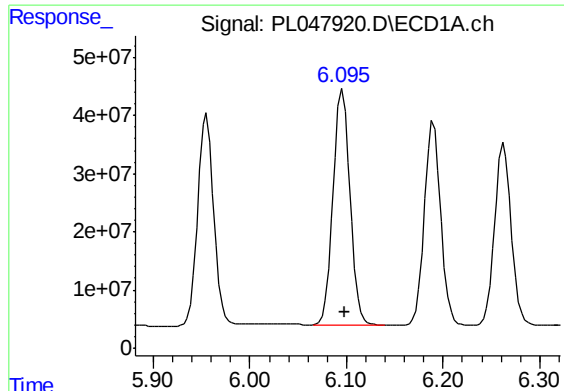
#26 Chlordane-4

R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 542861803
Conc: 441.80 ng/ml



#26 Chlordane-4

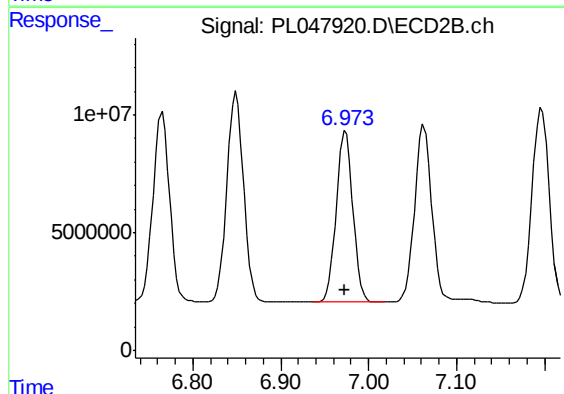
R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 129681526
Conc: 470.89 ng/ml



#27 Chlordane-5

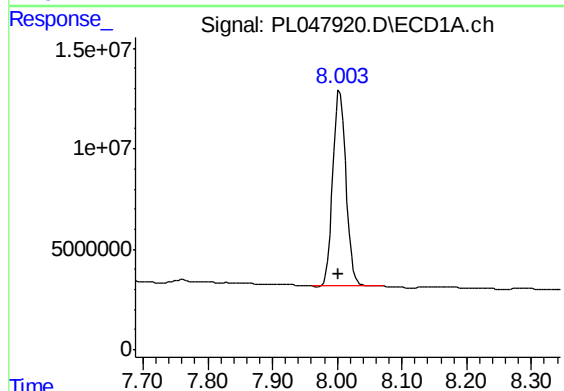
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 483540366
Conc: 1140.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MSD



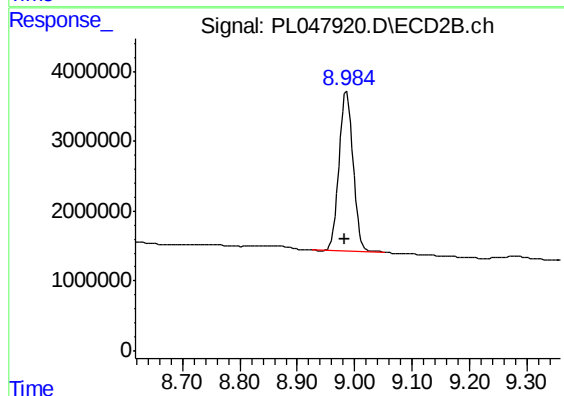
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.002 min
Response: 95748157
Conc: 424.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.004 min
Delta R.T.: 0.002 min
Response: 136588830
Conc: 12.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.004 min
Response: 39131668
Conc: 13.71 ng/ml