

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062619\
 Data File : PL049885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2019 18:14
 Operator : SM\AJ
 Sample : K3505-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-013-B212-062019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 01:01:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.322	3.933	224.9E6	57811854	19.946	18.882
28)	SA Decachlor...	7.986	8.967	205.0E6	60041399	16.134	17.885
Target Compounds							
2)	A alpha-BHC	3.749	4.322	918.6E6	229.3E6	48.893	51.217
3)	MA gamma-BHC...	4.025	4.605	834.4E6	226.7E6	47.058	54.658
4)	MA Heptachlor	4.309	5.107	897.0E6	223.6E6	49.348	51.663
5)	MB Aldrin	4.548	5.409	854.0E6	203.1E6	49.454	51.851
6)	B beta-BHC	4.279	4.781	357.1E6	100.3E6	48.820	51.761
7)	B delta-BHC	4.473	4.994	754.0E6	163.7E6	42.163	41.571
8)	B Heptachlor...	4.984	5.796	783.5E6	177.2E6	48.674	48.739
9)	A Endosulfan I	5.315	6.151	595.7E6	175.1E6	38.504	51.549 #
10)	B gamma-Chl...	5.207	6.030	817.4E6	204.6E6	47.831	54.915
11)	B alpha-Chl...	5.262	6.102	786.9E6	191.6E6	47.408	51.814
12)	B 4,4'-DDE	5.430	6.261	786.9E6	154.9E6	47.233	44.641
13)	MA Dieldrin	5.553	6.408	820.4E6	177.9E6	49.252	50.141
14)	MA Endrin	5.806	6.625	753.3E6	153.7E6	47.040	48.682
15)	B Endosulfa...	6.081	6.836	665.0E6	150.8E6	45.636	46.833
16)	A 4,4'-DDD	5.941	6.752	594.6E6	134.1E6	47.101	51.300
17)	MA 4,4'-DDT	6.175	7.049	578.3E6	174.4E6	43.560	59.560 #
18)	B Endrin al...	6.248	6.960	487.8E6	126.5E6	41.295	46.075
19)	B Endosulfa...	6.459	7.184	559.0E6	143.9E6	43.115	47.813
20)	A Methoxychlor	6.720	7.510	286.6E6	80084871	43.975	48.048
21)	B Endrin ke...	6.941	7.652	606.5E6	161.6E6	43.148	51.871
22)	Mirex	7.114	8.102	451.5E6	128.1E6	43.679	50.643
24)	Chlordane-2	0.000	5.409f	0	203.1E6	N.D.	1307.490 #
25)	Chlordane-3	5.207	6.030	817.4E6	204.6E6	435.190	411.232
26)	Chlordane-4	5.262	6.102	786.9E6	191.6E6	450.923	322.424 #
27)	Chlordane-5	6.081	0.000	665.0E6	0	1184.913	N.D. #

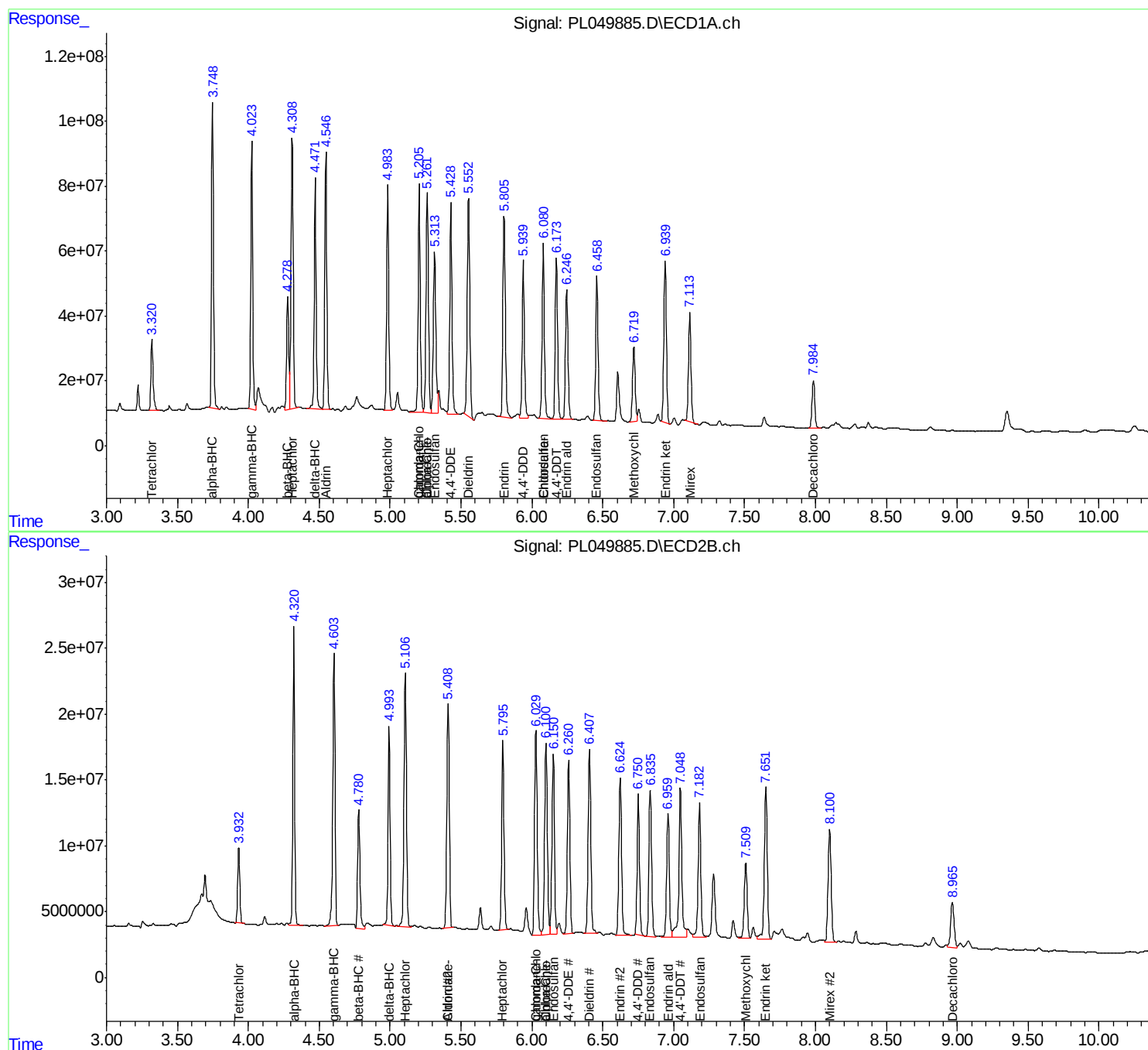
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

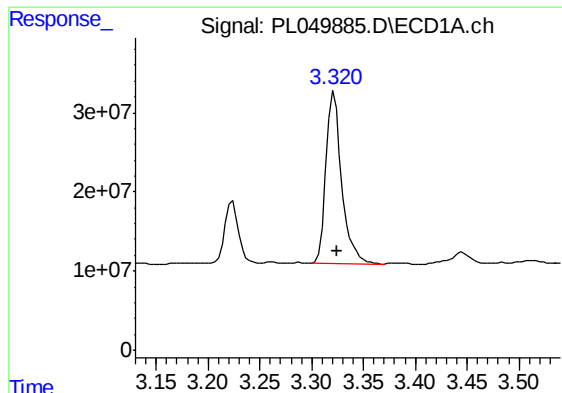
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062619\
Data File : PL049885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2019 18:14
Operator : SM\AJ
Sample : K3505-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 01:01:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 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

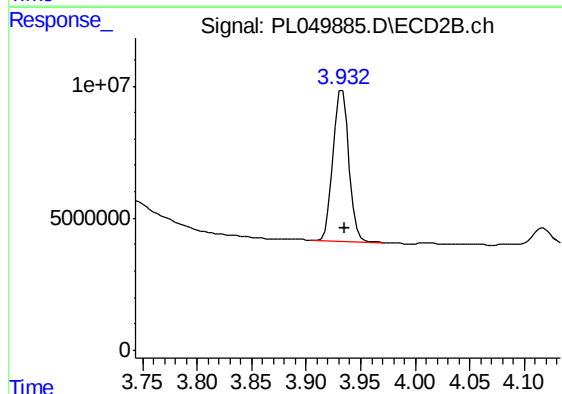




#1 Tetrachloro-m-xylene

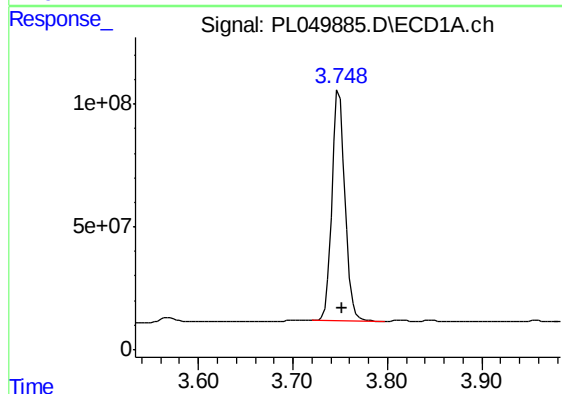
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 224947937
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



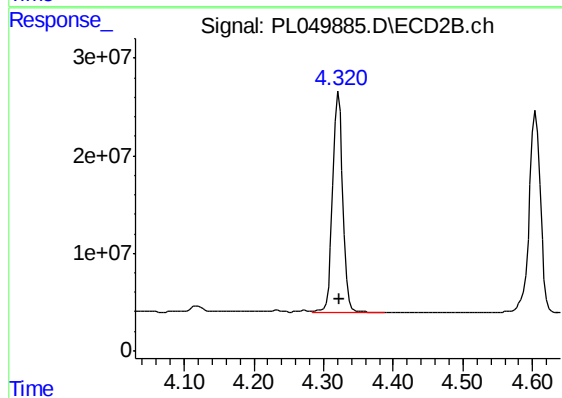
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 57811854
Conc: 18.88 ng/ml



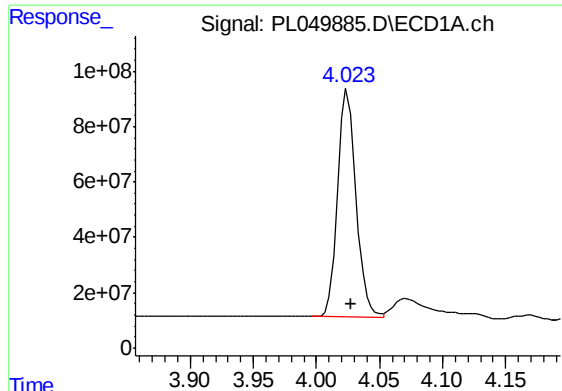
#2 alpha-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 918566234
Conc: 48.89 ng/ml



#2 alpha-BHC

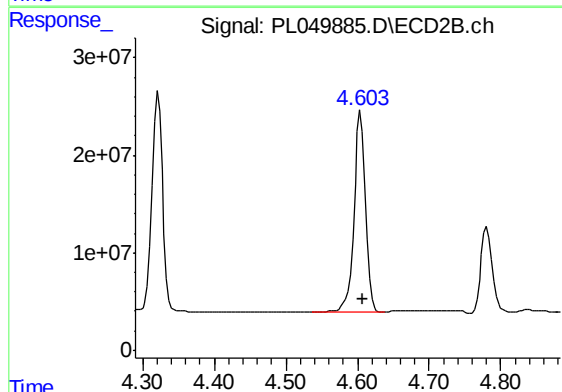
R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 229277116
Conc: 51.22 ng/ml



#3 gamma-BHC (Lindane)

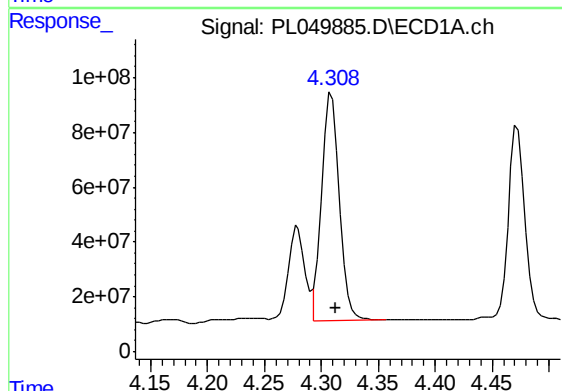
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 834359924
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



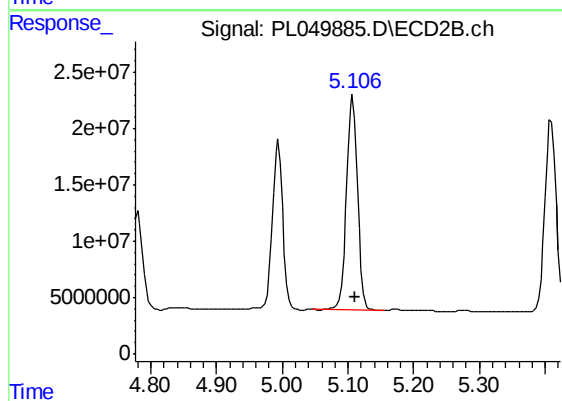
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 226712649
Conc: 54.66 ng/ml



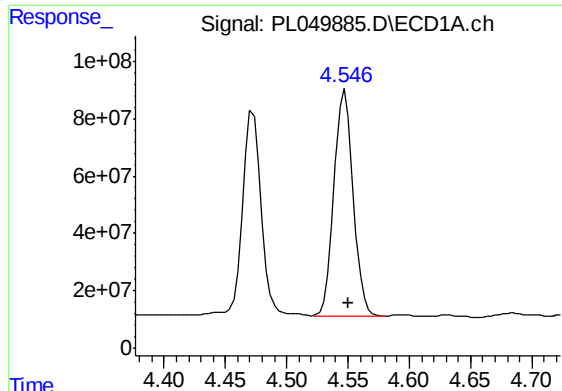
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 896999086
Conc: 49.35 ng/ml



#4 Heptachlor

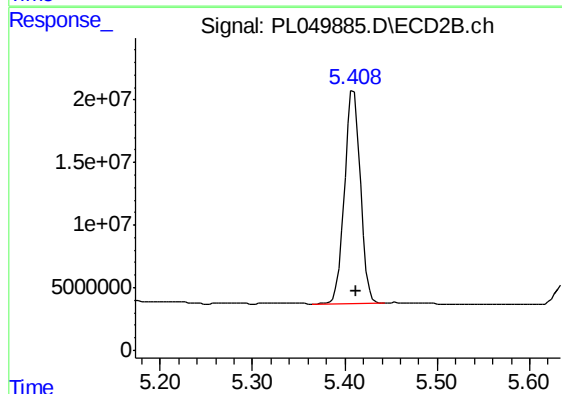
R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 223618847
Conc: 51.66 ng/ml



#5 Aldrin

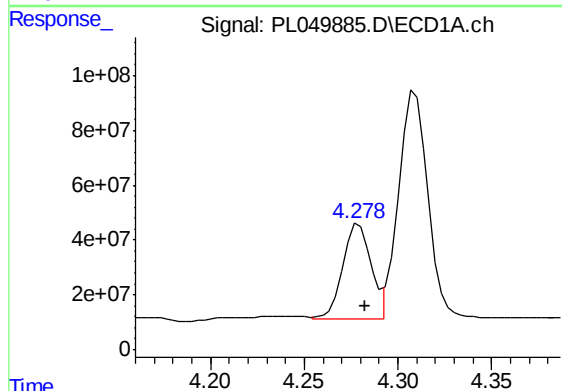
R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 853967396
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



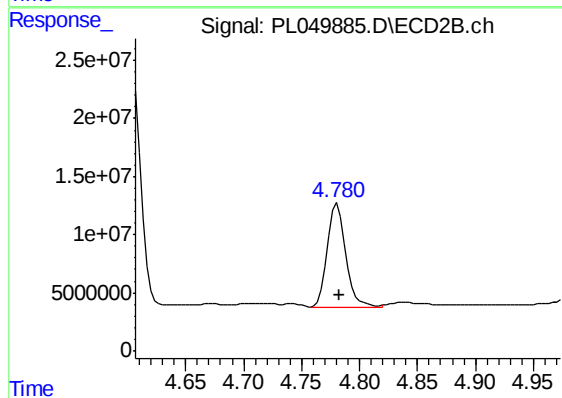
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 203105867
Conc: 51.85 ng/ml



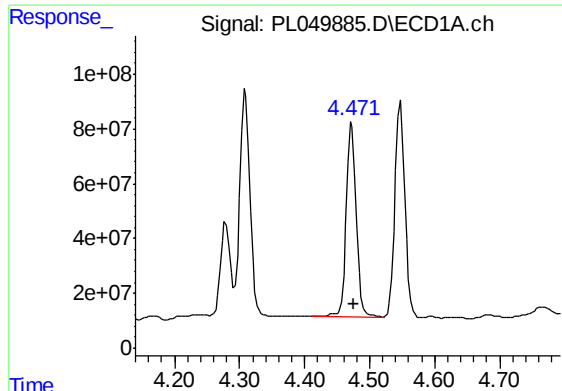
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 357105993
Conc: 48.82 ng/ml



#6 beta-BHC

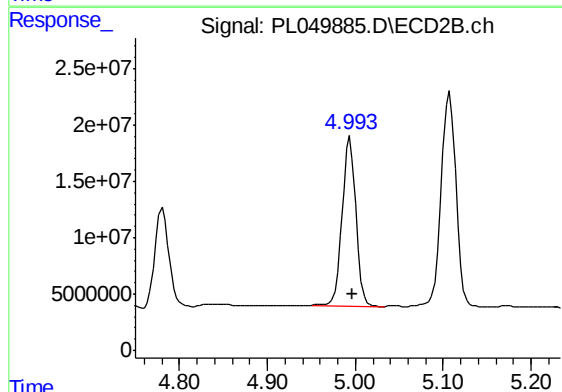
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 100262664
Conc: 51.76 ng/ml



#7 delta-BHC

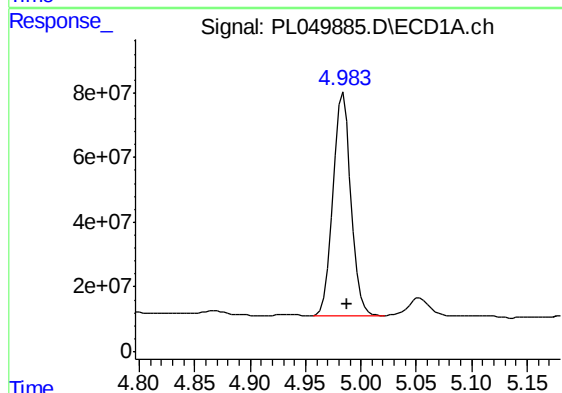
R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 754028035
Conc: 42.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



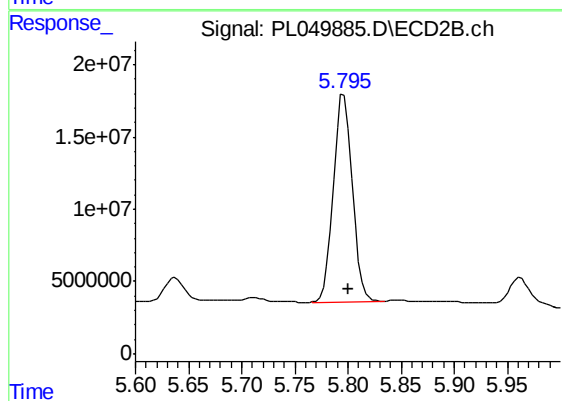
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 163743293
Conc: 41.57 ng/ml



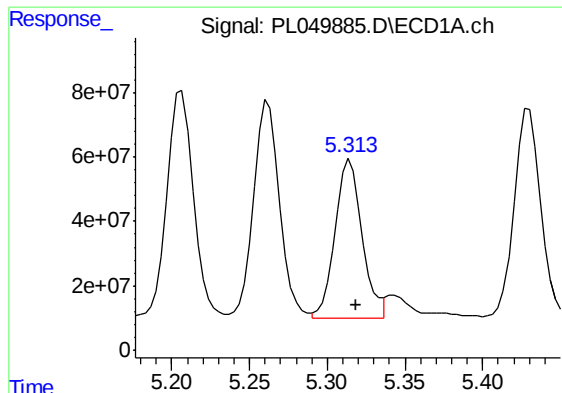
#8 Heptachlor epoxide

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 783509723
Conc: 48.67 ng/ml



#8 Heptachlor epoxide

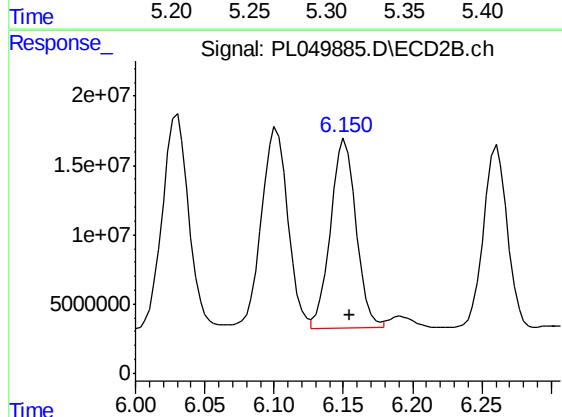
R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 177205387
Conc: 48.74 ng/ml



#9 Endosulfan I

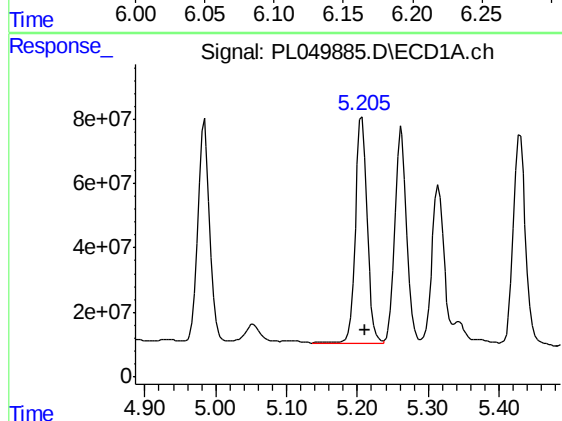
R.T.: 5.315 min
Delta R.T.: -0.004 min
Response: 595748003
Conc: 38.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



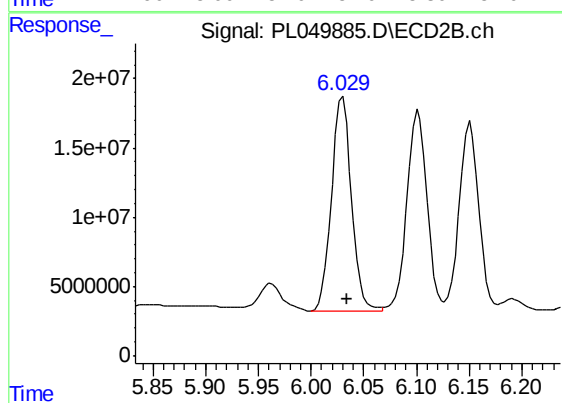
#9 Endosulfan I

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 175132581
Conc: 51.55 ng/ml



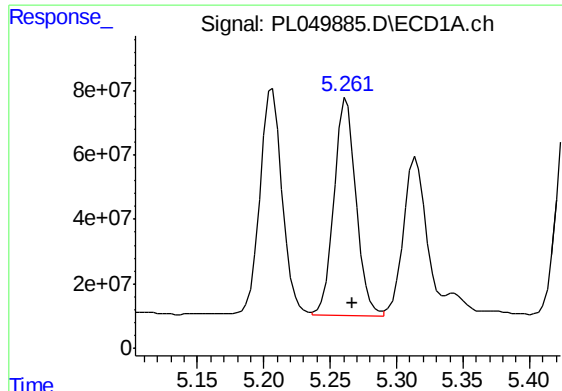
#10 gamma-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 817380472
Conc: 47.83 ng/ml



#10 gamma-Chlordane

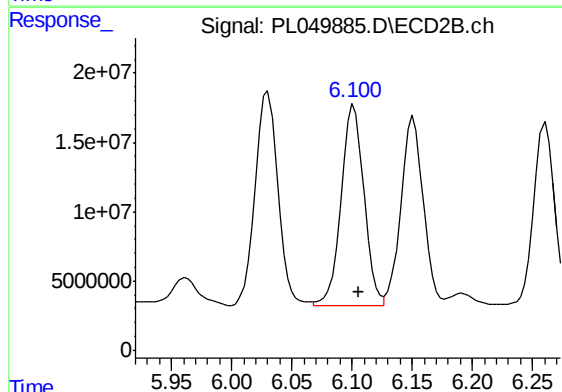
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 204639168
Conc: 54.92 ng/ml



#11 alpha-Chlordane

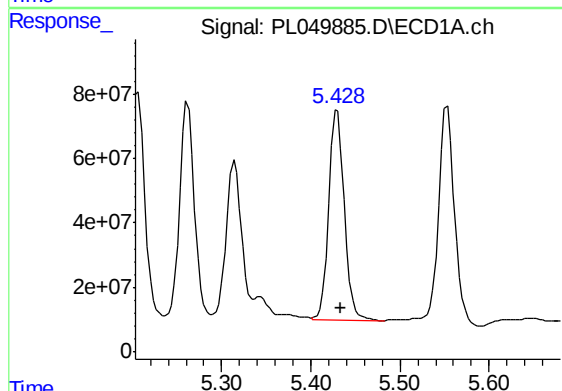
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 786924574
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



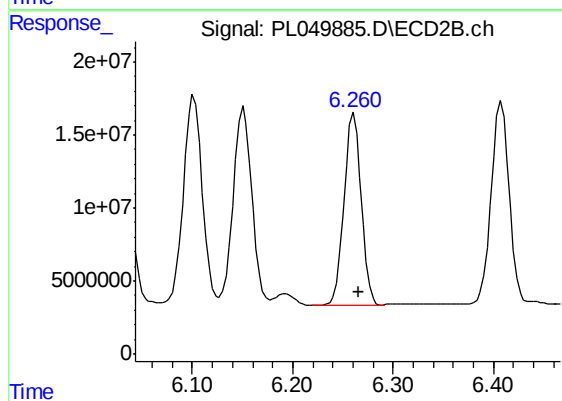
#11 alpha-Chlordane

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 191630747
Conc: 51.81 ng/ml



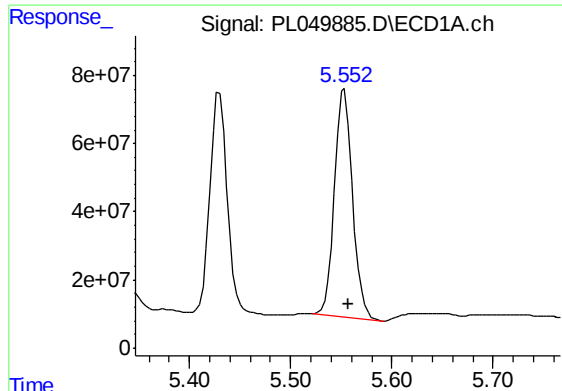
#12 4,4'-DDE

R.T.: 5.430 min
Delta R.T.: -0.005 min
Response: 786852363
Conc: 47.23 ng/ml



#12 4,4'-DDE

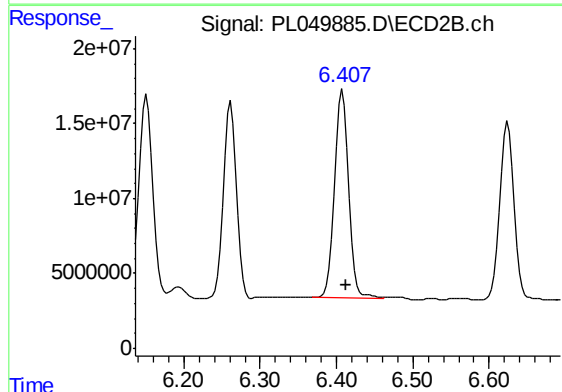
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 154909454
Conc: 44.64 ng/ml



#13 Dielddrin

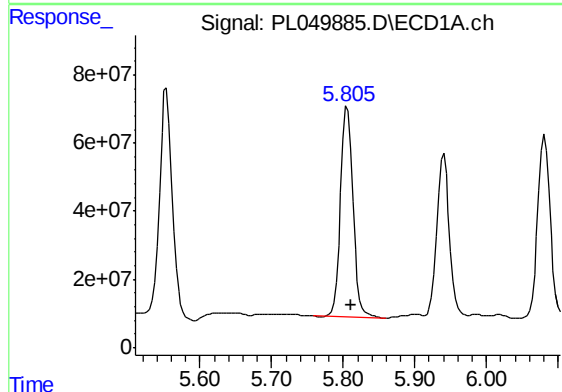
R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 820429846
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



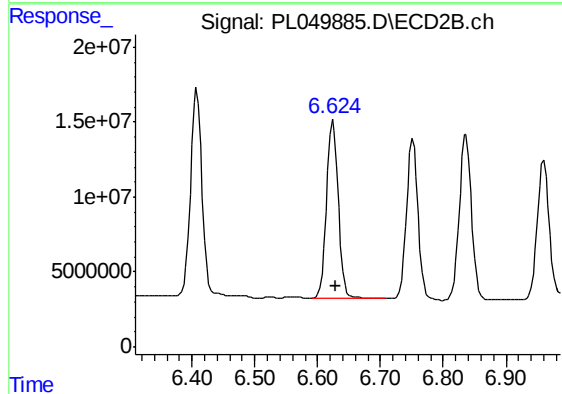
#13 Dielddrin

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 177876711
Conc: 50.14 ng/ml



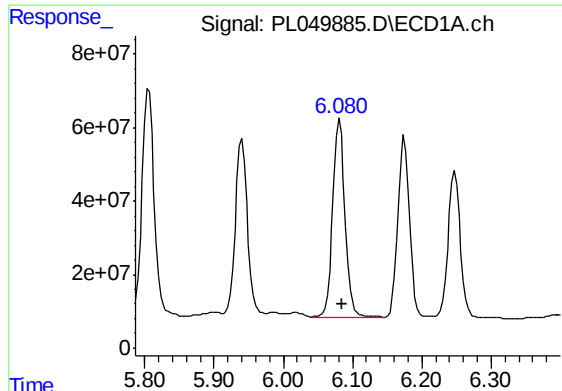
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 753332758
Conc: 47.04 ng/ml



#14 Endrin

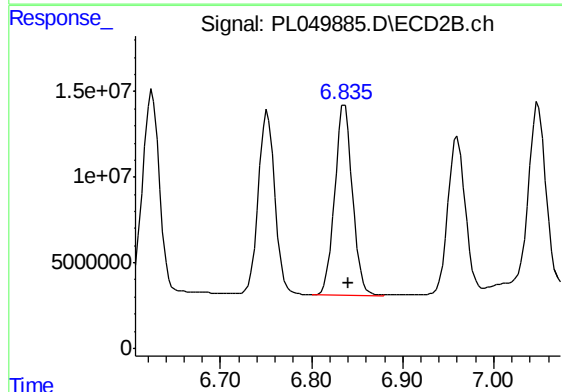
R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 153697985
Conc: 48.68 ng/ml



#15 Endosulfan II

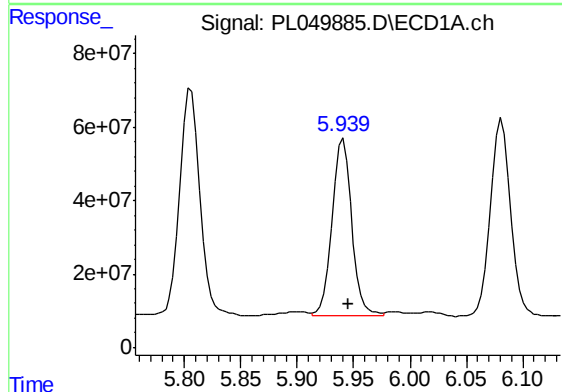
R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 664981707
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



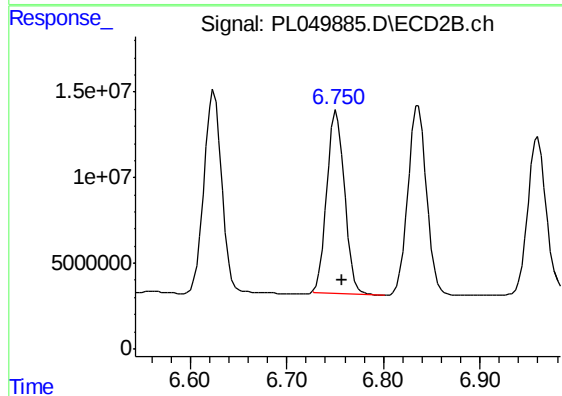
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: -0.005 min
Response: 150844671
Conc: 46.83 ng/ml



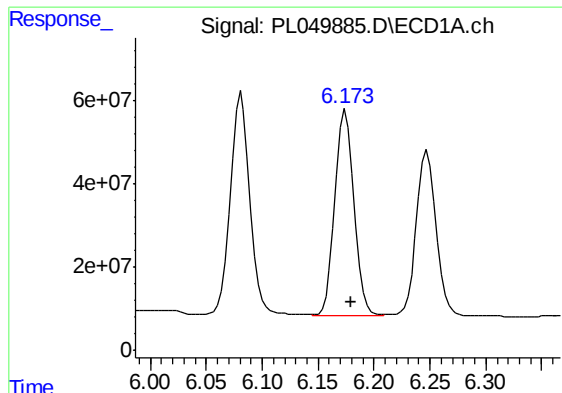
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 594609402
Conc: 47.10 ng/ml



#16 4,4'-DDD

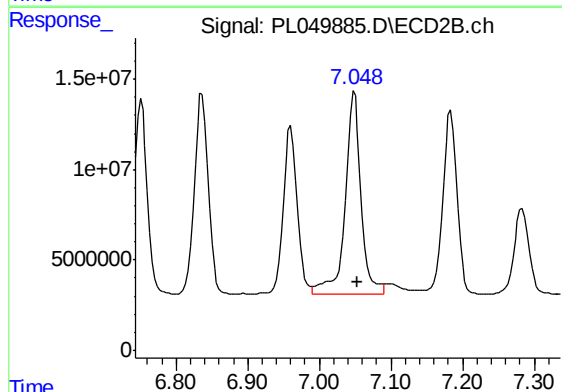
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 134111400
Conc: 51.30 ng/ml



#17 4,4'-DDT

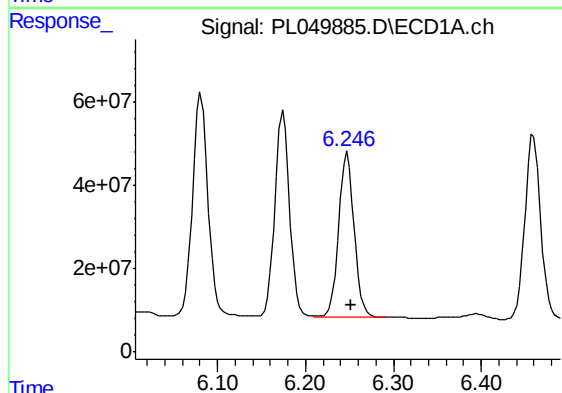
R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 578292030
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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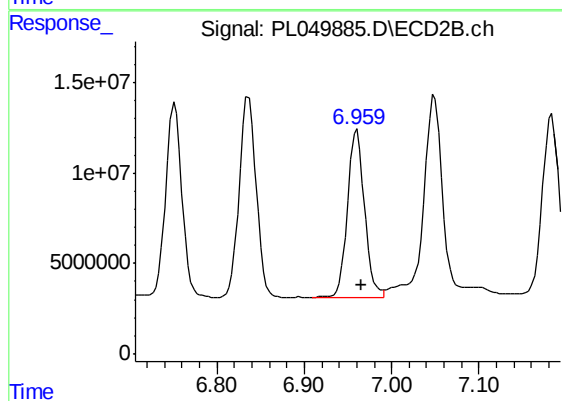
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 174438376
Conc: 59.56 ng/ml



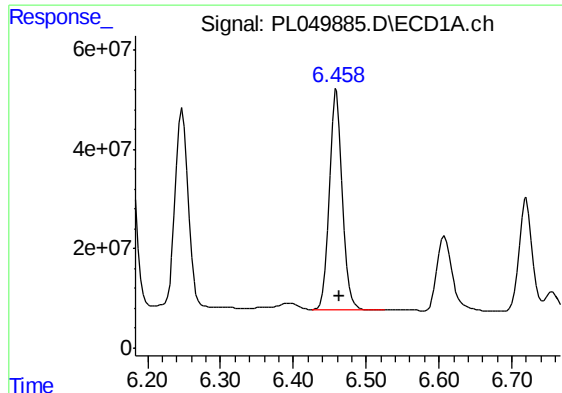
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 487770254
Conc: 41.30 ng/ml



#18 Endrin aldehyde

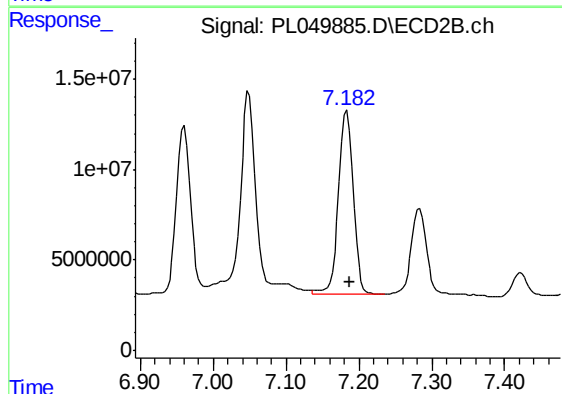
R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 126538668
Conc: 46.07 ng/ml



#19 Endosulfan Sulfate

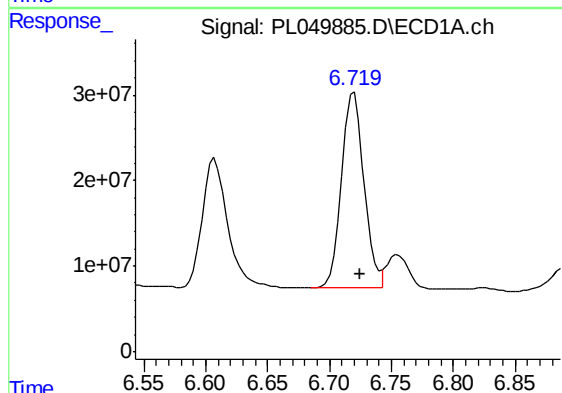
R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 559013865
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



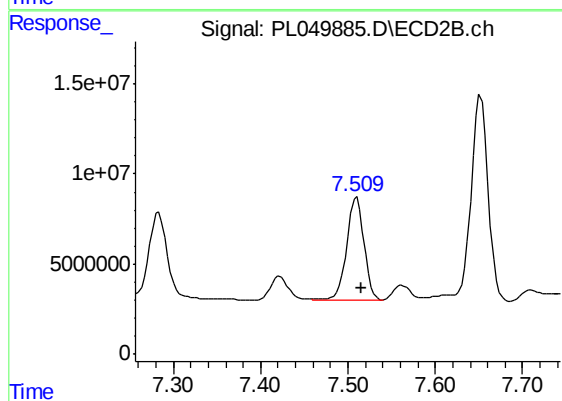
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 143898009
Conc: 47.81 ng/ml



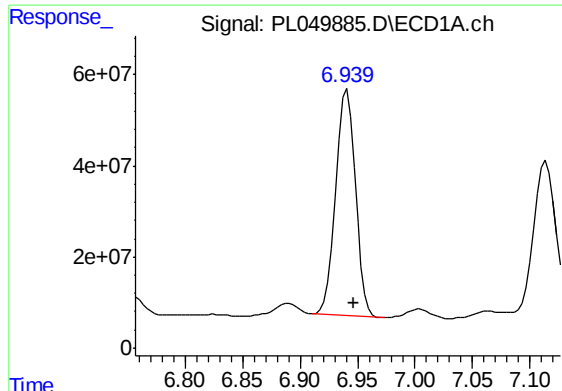
#20 Methoxychlor

R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 286638568
Conc: 43.97 ng/ml



#20 Methoxychlor

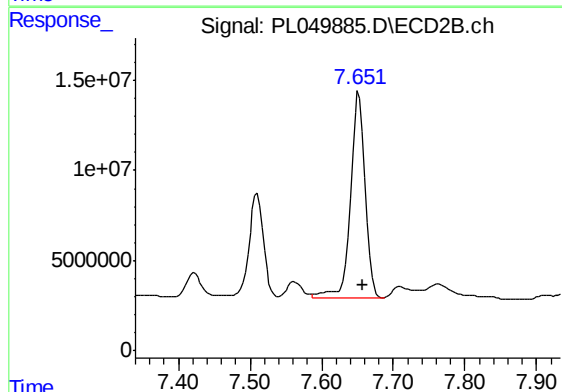
R.T.: 7.510 min
Delta R.T.: -0.005 min
Response: 80084871
Conc: 48.05 ng/ml



#21 Endrin ketone

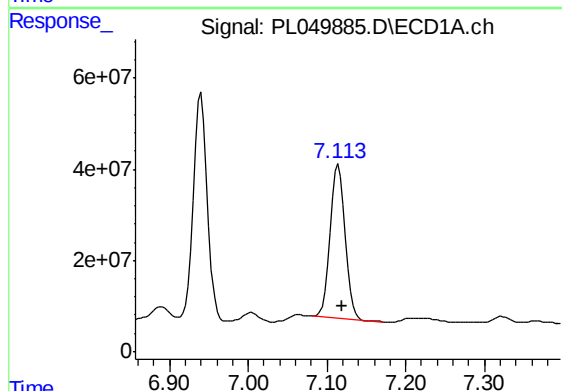
R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 606454180
Conc: 43.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



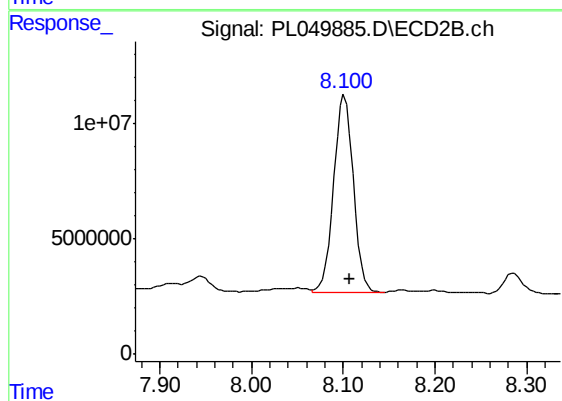
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 161638519
Conc: 51.87 ng/ml



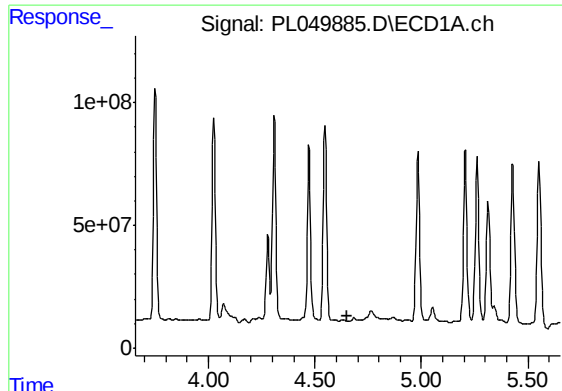
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.006 min
Response: 451501209
Conc: 43.68 ng/ml



#22 Mirex

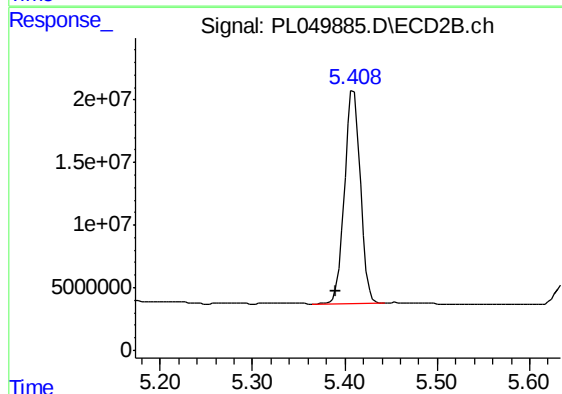
R.T.: 8.102 min
Delta R.T.: -0.005 min
Response: 128058683
Conc: 50.64 ng/ml



#24 Chlordane-2

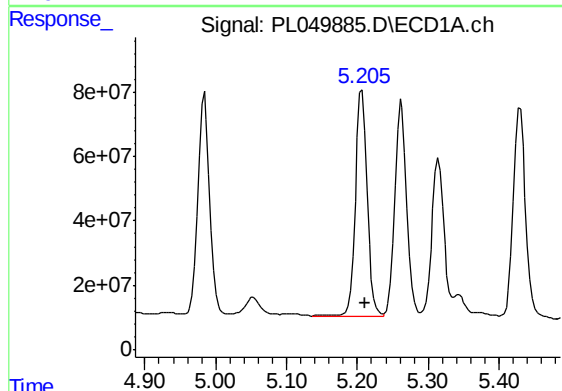
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



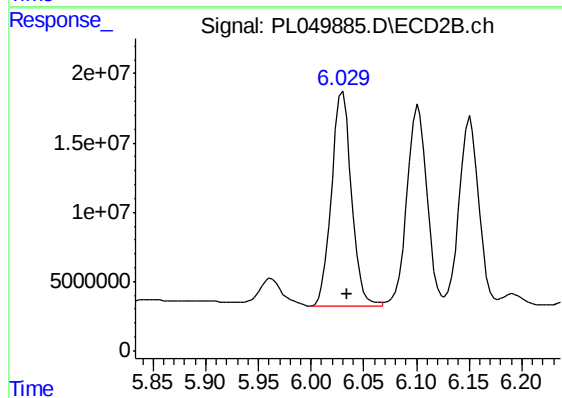
#24 Chlordane-2

R.T.: 5.409 min
Delta R.T.: 0.019 min
Response: 203105867
Conc: 1307.49 ng/ml



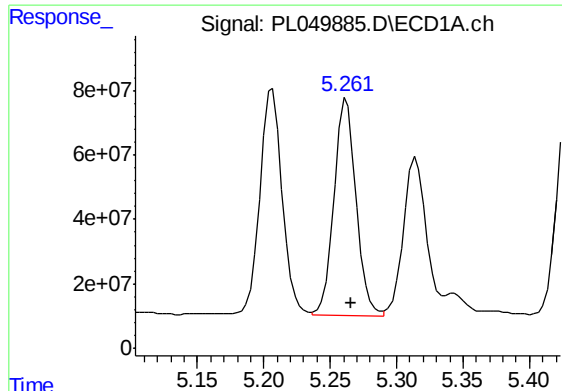
#25 Chlordane-3

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 817380472
Conc: 435.19 ng/ml



#25 Chlordane-3

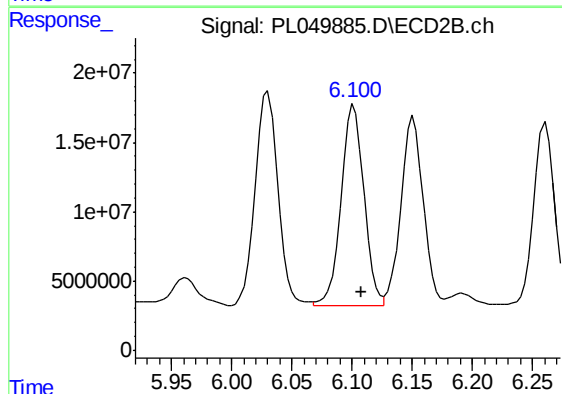
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 204639168
Conc: 411.23 ng/ml



#26 Chlordane-4

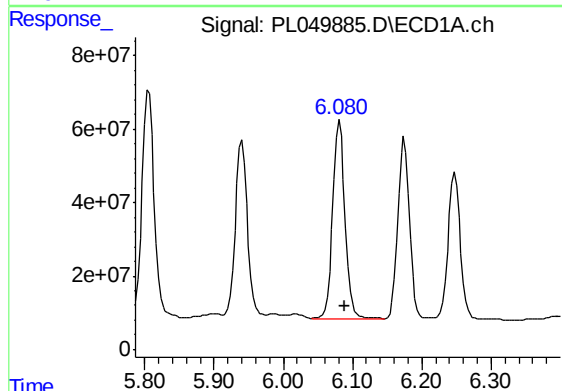
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 786924574
Conc: 450.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



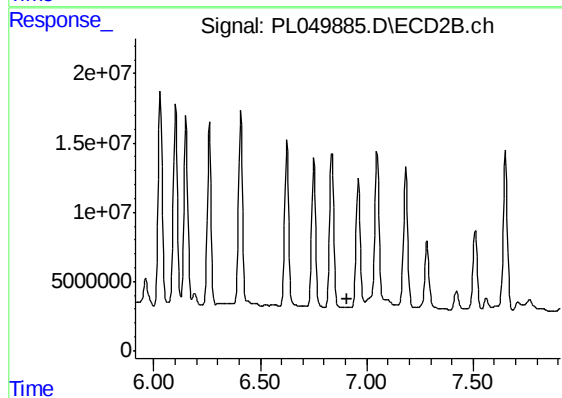
#26 Chlordane-4

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 191630747
Conc: 322.42 ng/ml



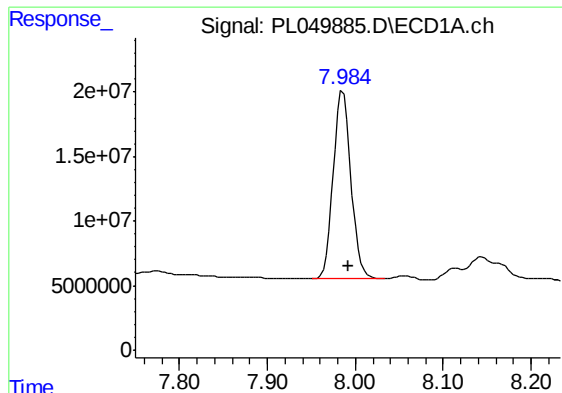
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 664981707
Conc: 1184.91 ng/ml



#27 Chlordane-5

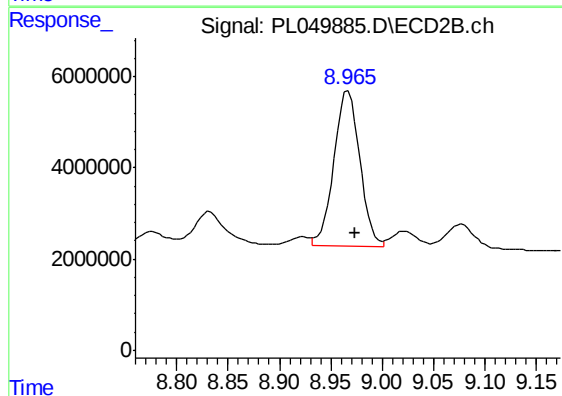
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 204999595
Conc: 16.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-013-B212-062019MSD



#28 Decachlorobiphenyl

R.T.: 8.967 min
Delta R.T.: -0.006 min
Response: 60041399
Conc: 17.89 ng/ml