

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
 Data File : PL049921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2019 11:18
 Operator : SM\AJ
 Sample : K3504-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-001-SW015-062019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:01:29 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	221.4E6	62650792	19.634	20.462
28)	SA Decachlor...	7.986	8.965	190.3E6	55613476	14.979	16.566
Target Compounds							
2)	A alpha-BHC	3.749	4.321	974.1E6	238.5E6	51.850	53.275
3)	MA gamma-BHC...	4.025	4.604	921.9E6	222.9E6	51.994	53.742
4)	MA Heptachlor	4.309	5.107	965.3E6	231.3E6	53.105	53.434
5)	MB Aldrin	4.547	5.409	903.2E6	210.2E6	52.302	53.663
6)	B beta-BHC	4.279	4.780	384.6E6	101.8E6	52.574	52.577
7)	B delta-BHC	4.472	4.994	834.1E6	178.1E6	46.638	45.228
8)	B Heptachlo...	4.984	5.795	821.1E6	187.6E6	51.010	51.596
9)	A Endosulfan I	5.314	6.150	780.6E6	176.0E6	50.449	51.815
10)	B gamma-Chl...	5.206	6.029	861.6E6	190.2E6	50.418	51.033
11)	B alpha-Chl...	5.262	6.101	826.4E6	189.0E6	49.787	51.104
12)	B 4,4'-DDE	5.430	6.261	804.8E6	181.1E6	48.310	52.188
13)	MA Dieldrin	5.553	6.407	813.1E6	182.3E6	48.809	51.388
14)	MA Endrin	5.806	6.624	767.1E6	159.3E6	47.897	50.441
15)	B Endosulfa...	6.081	6.835	688.6E6	155.1E6	47.255	48.161
16)	A 4,4'-DDD	5.941	6.752	626.4E6	135.2E6	49.622	51.722
17)	MA 4,4'-DDT	6.175	7.048	617.2E6	142.8E6	46.494	48.741
18)	B Endrin al...	6.248	6.959	530.0E6	127.4E6	44.871	46.400
19)	B Endosulfa...	6.459	7.182	601.2E6	145.4E6	46.371	48.326
20)	A Methoxychlor	6.719	7.509	295.6E6	77800291	45.356	46.677
21)	B Endrin ke...	6.940	7.651	638.6E6	158.8E6	45.438	50.966
22)	Mirex	7.114	8.100	467.7E6	124.3E6	45.248	49.138
24)	Chlordane-2	0.000	5.409f	0	210.2E6	N.D.	1353.169 #
25)	Chlordane-3	5.206	6.029	861.6E6	190.2E6	458.724	382.157
26)	Chlordane-4	5.262	6.101	826.4E6	189.0E6	473.544	318.005 #
27)	Chlordane-5	6.081	0.000	688.6E6	0	1226.937	N.D. #

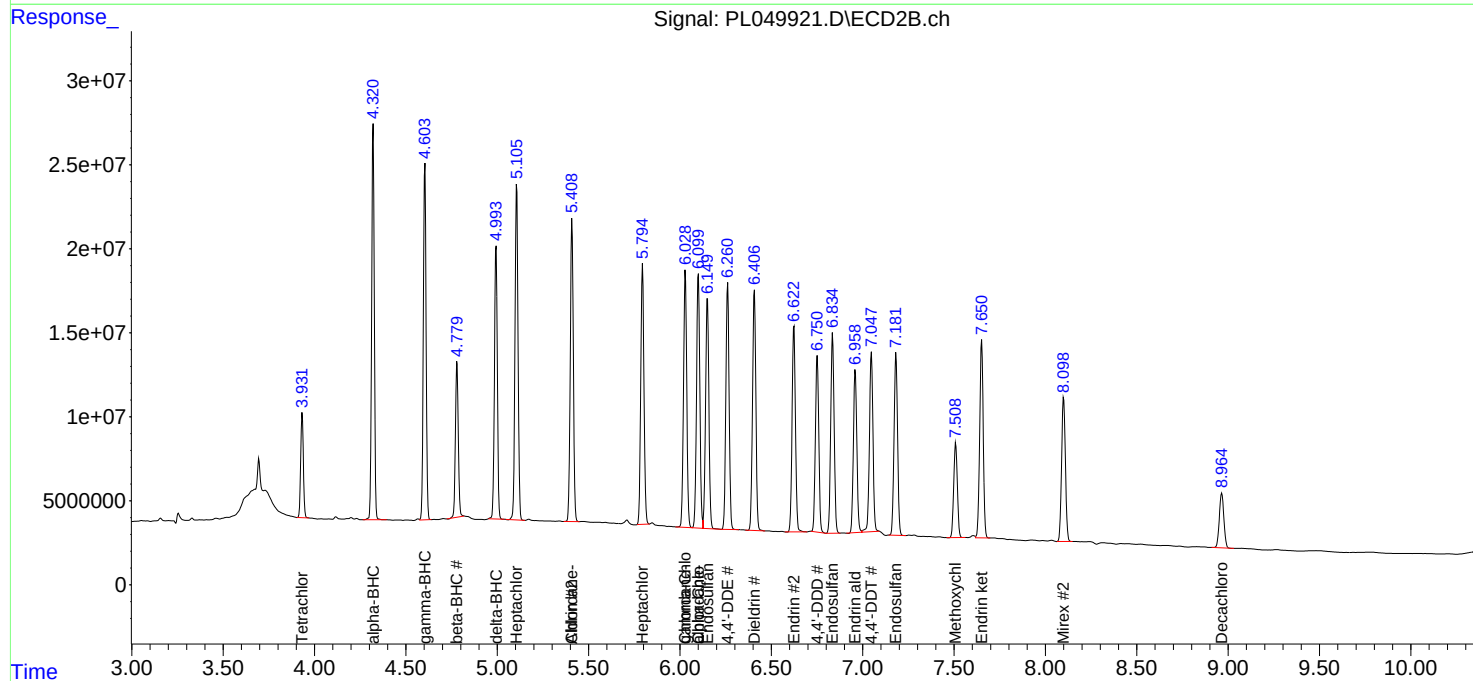
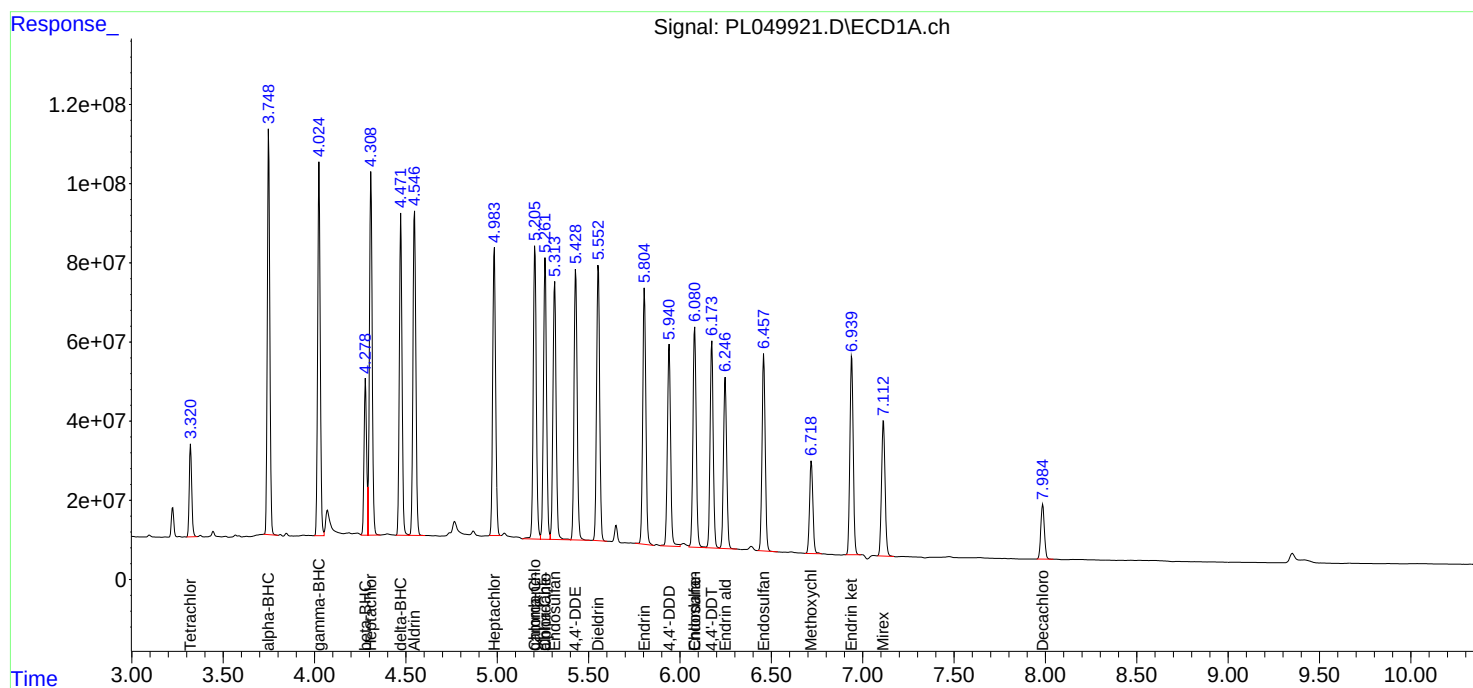
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

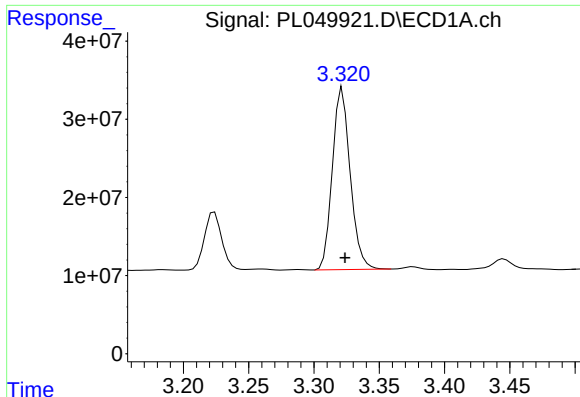
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062719\
Data File : PL049921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2019 11:18
Operator : SM\AJ
Sample : K3504-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 05:01:29 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
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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

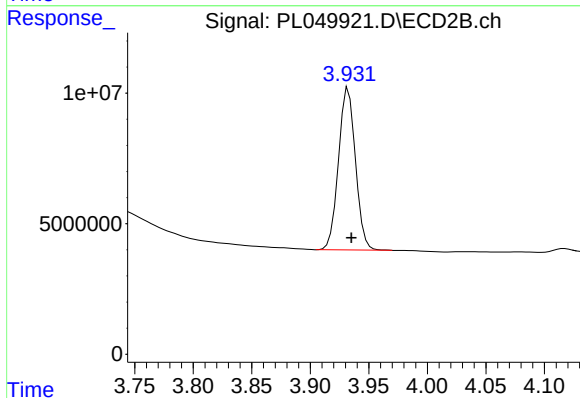




#1 Tetrachloro-m-xylene

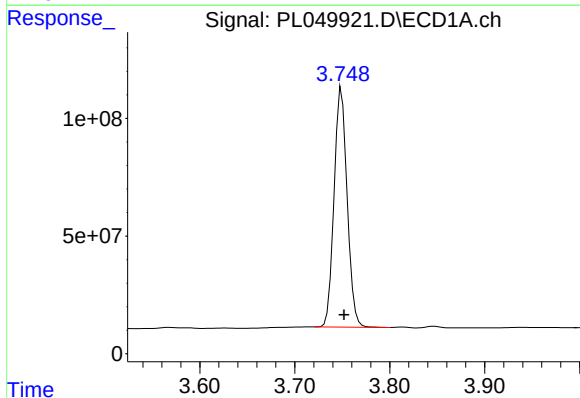
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 221423257
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



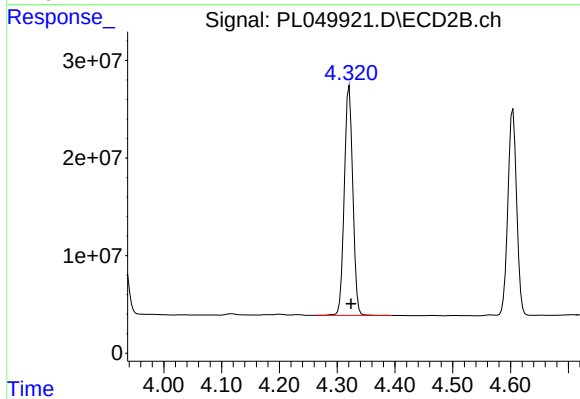
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.003 min
Response: 62650792
Conc: 20.46 ng/ml



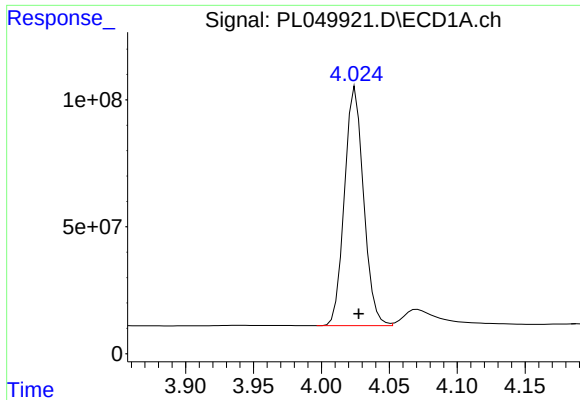
#2 alpha-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 974119028
Conc: 51.85 ng/ml



#2 alpha-BHC

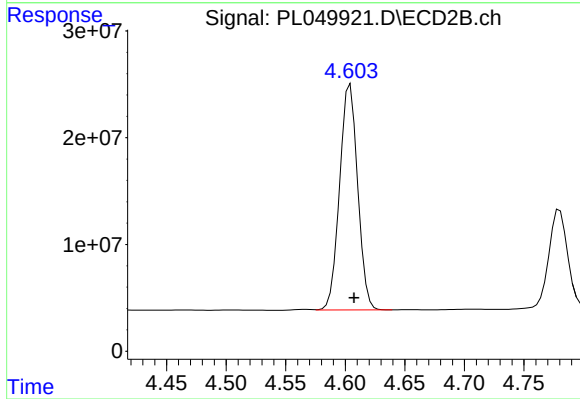
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 238489143
Conc: 53.27 ng/ml



#3 gamma-BHC (Lindane)

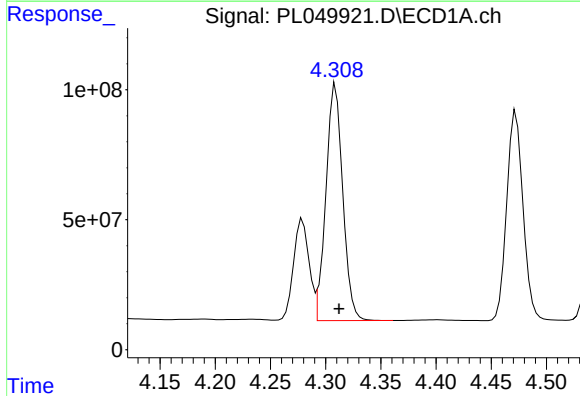
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 921875306
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



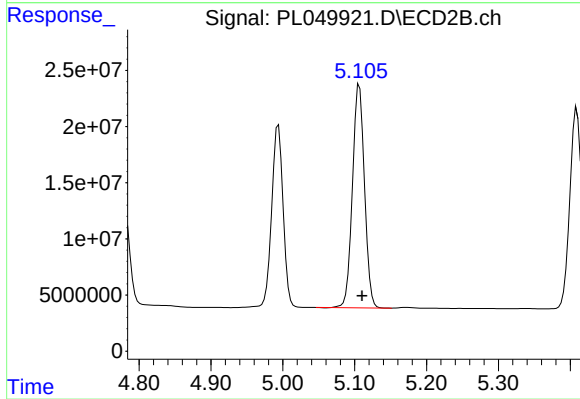
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.003 min
Response: 222912671
Conc: 53.74 ng/ml



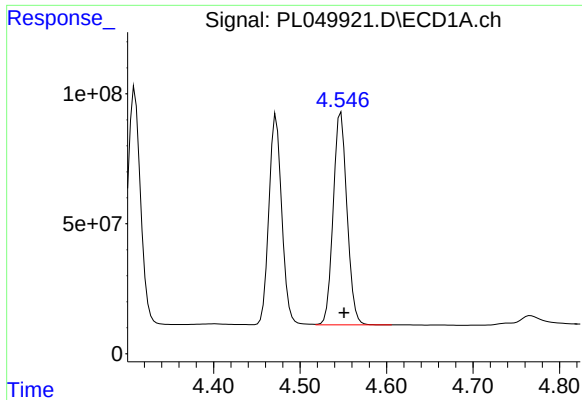
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 965302308
Conc: 53.11 ng/ml



#4 Heptachlor

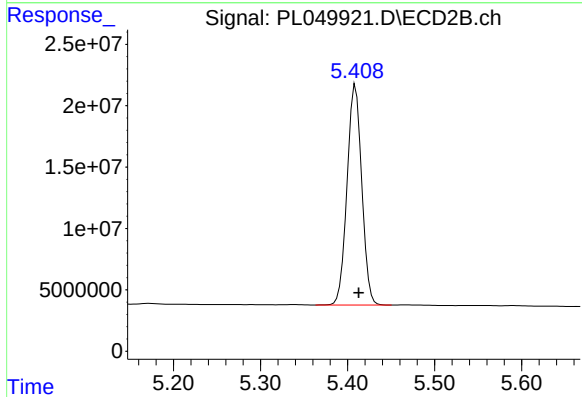
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 231287304
Conc: 53.43 ng/ml



#5 Aldrin

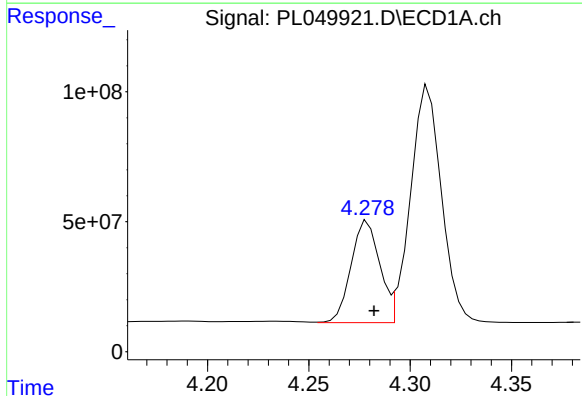
R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 903153477
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



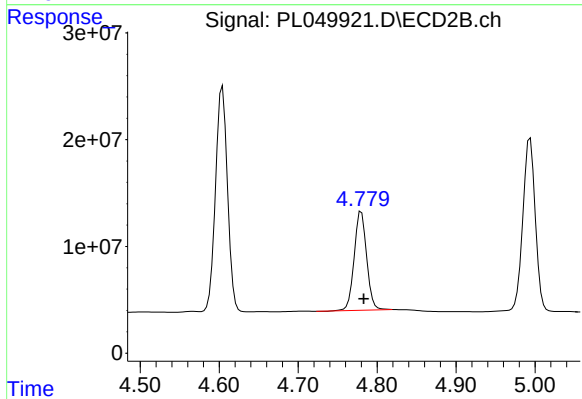
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 210201747
Conc: 53.66 ng/ml



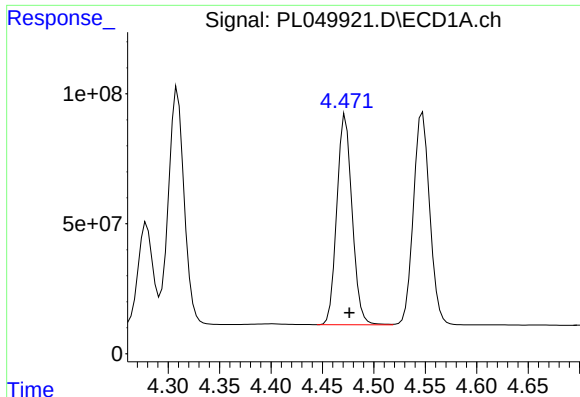
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 384567405
Conc: 52.57 ng/ml



#6 beta-BHC

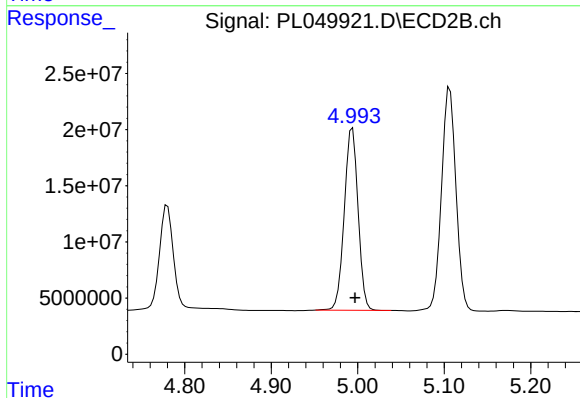
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 101843749
Conc: 52.58 ng/ml



#7 delta-BHC

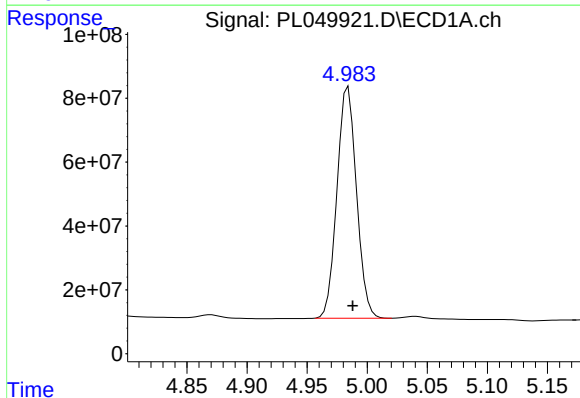
R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 834061490
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



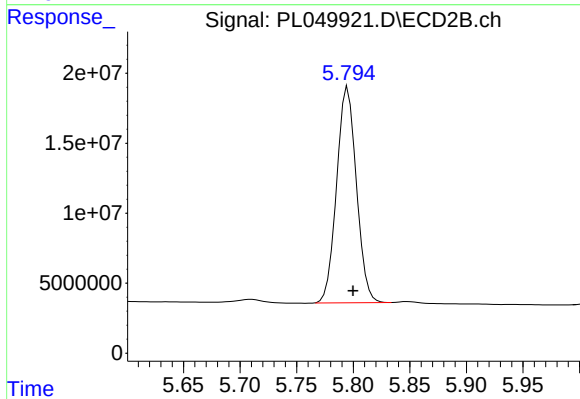
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 178146387
Conc: 45.23 ng/ml



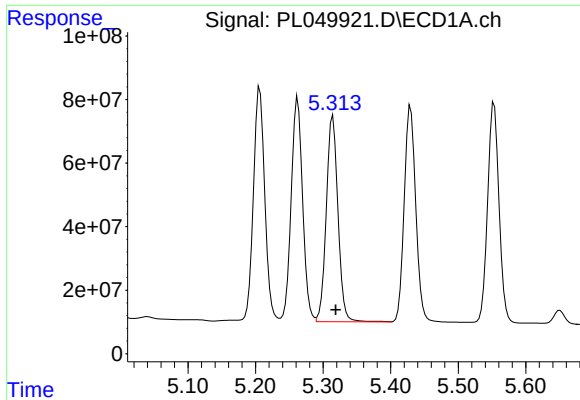
#8 Heptachlor epoxide

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 821122747
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

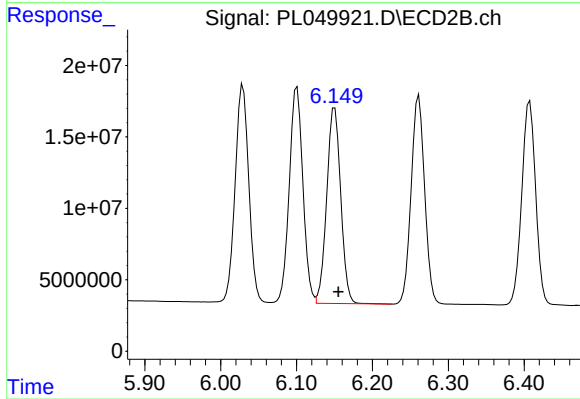
R.T.: 5.795 min
Delta R.T.: -0.005 min
Response: 187591830
Conc: 51.60 ng/ml



#9 Endosulfan I

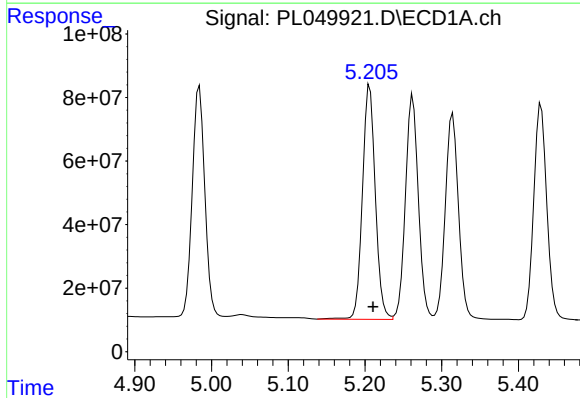
R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 780575924
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



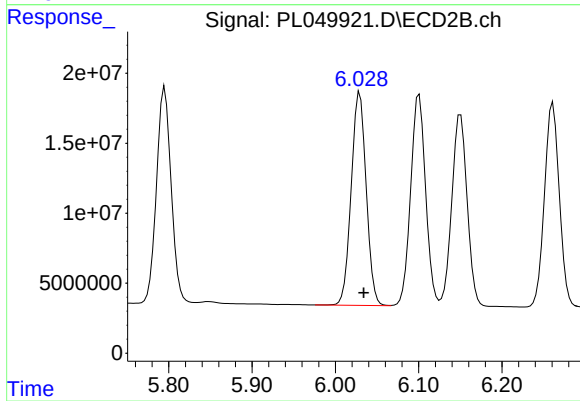
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 176035505
Conc: 51.82 ng/ml



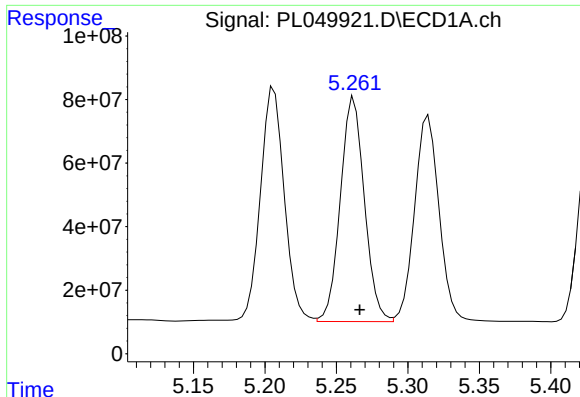
#10 gamma-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 861583401
Conc: 50.42 ng/ml



#10 gamma-Chlordane

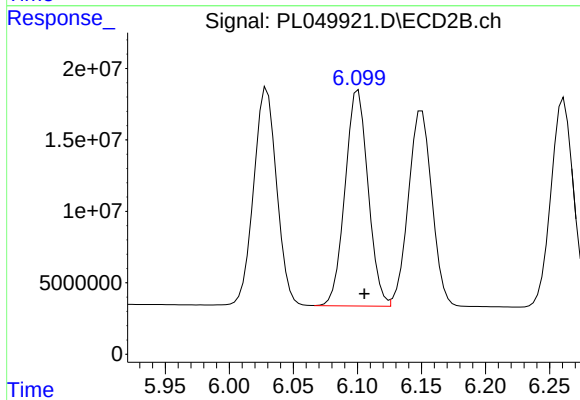
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 190171091
Conc: 51.03 ng/ml



#11 alpha-Chlordane

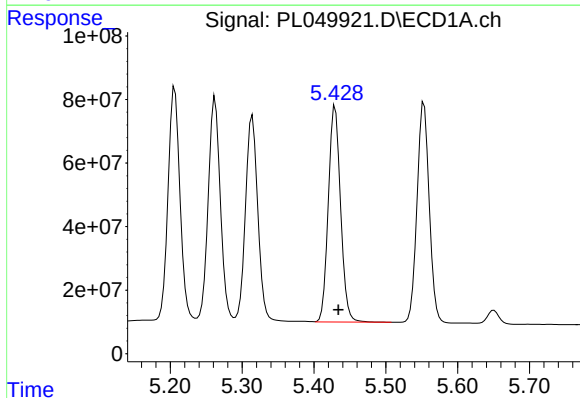
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 826400109
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



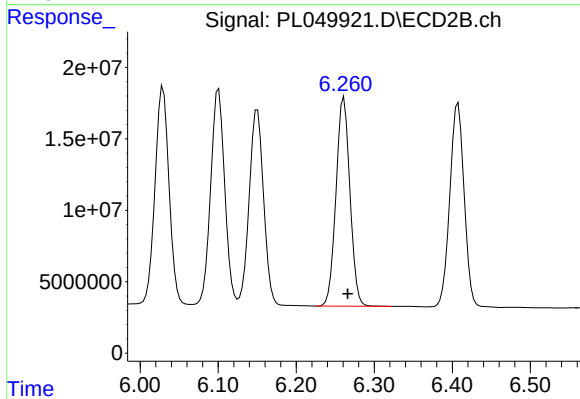
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 189004011
Conc: 51.10 ng/ml



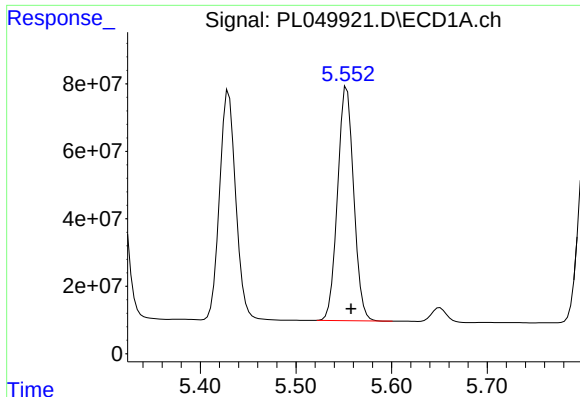
#12 4,4'-DDE

R.T.: 5.430 min
Delta R.T.: -0.005 min
Response: 804805629
Conc: 48.31 ng/ml



#12 4,4'-DDE

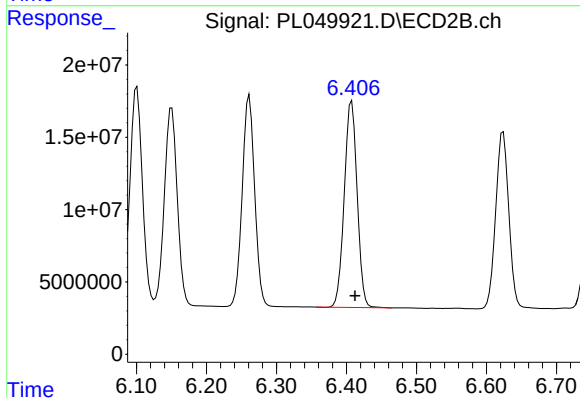
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 181099290
Conc: 52.19 ng/ml



#13 Dieldrin

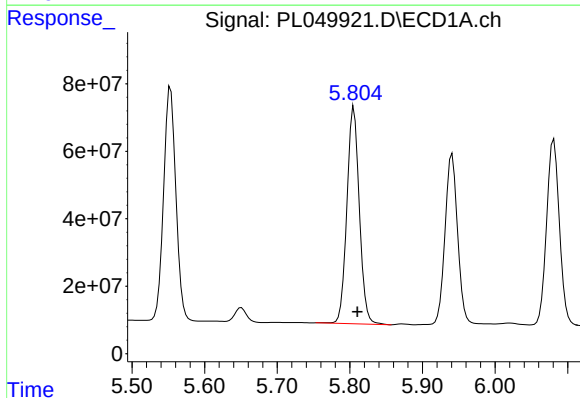
R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 813058010
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



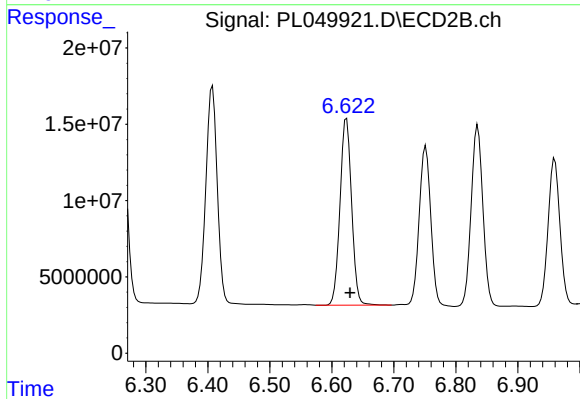
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 182299335
Conc: 51.39 ng/ml



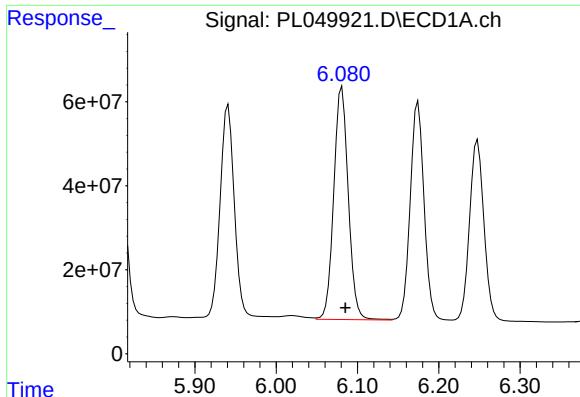
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 767059038
Conc: 47.90 ng/ml



#14 Endrin

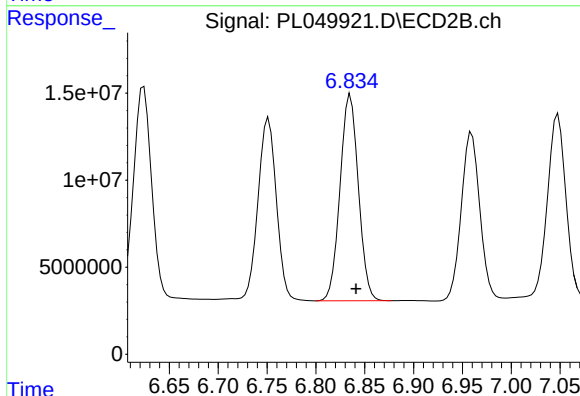
R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 159252679
Conc: 50.44 ng/ml



#15 Endosulfan II

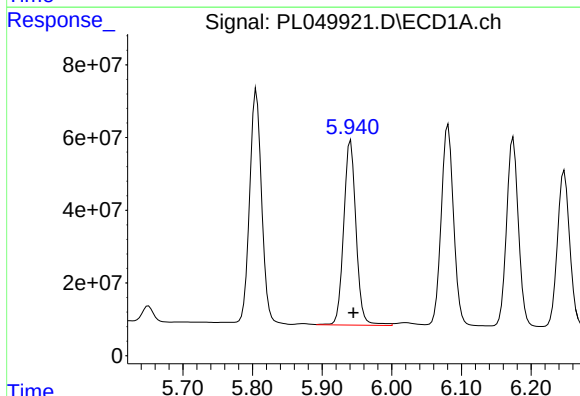
R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 688565958
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



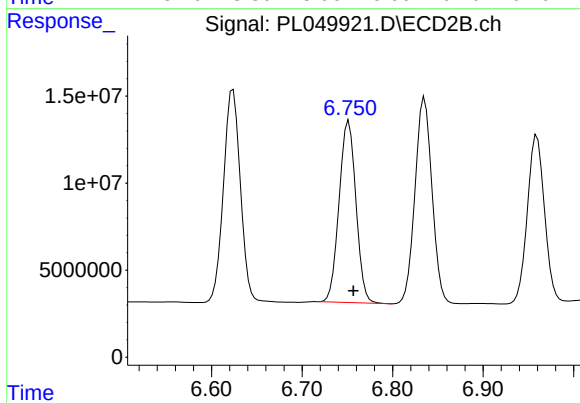
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 155121155
Conc: 48.16 ng/ml



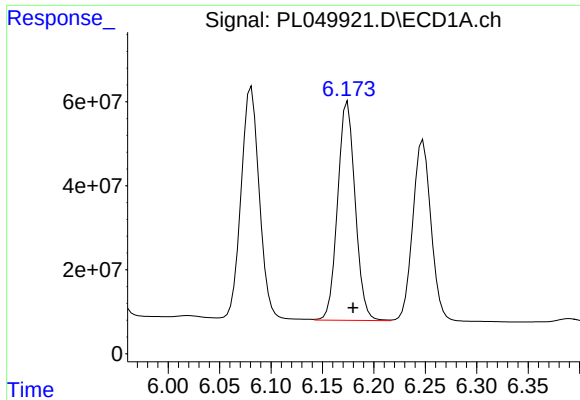
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 626426545
Conc: 49.62 ng/ml



#16 4,4'-DDD

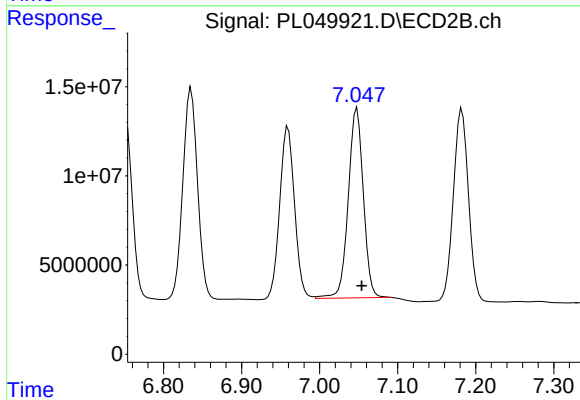
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 135213937
Conc: 51.72 ng/ml



#17 4,4'-DDT

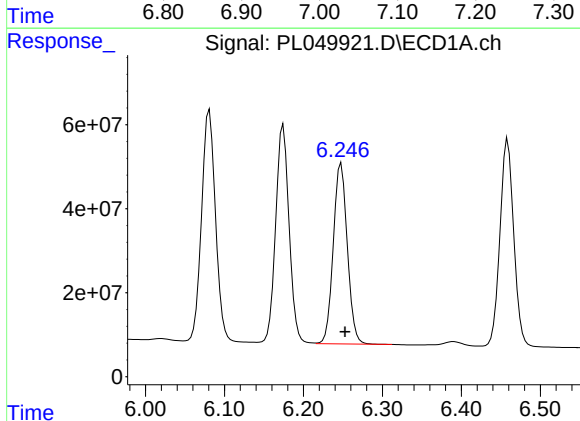
R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 617245383
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



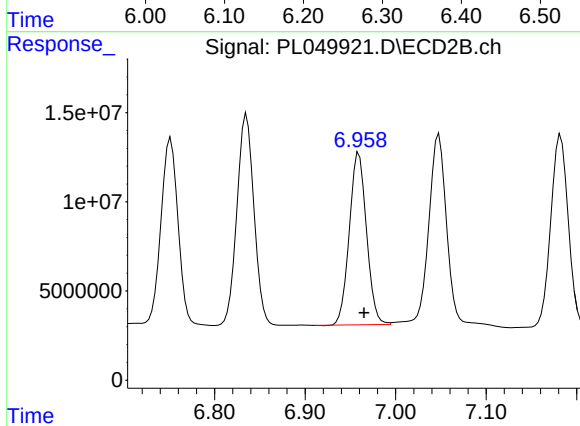
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 142752262
Conc: 48.74 ng/ml



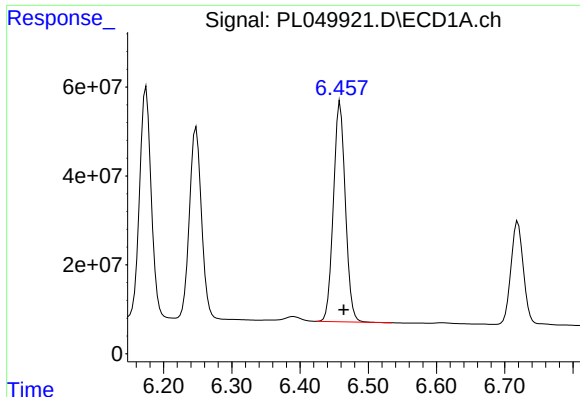
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 529998732
Conc: 44.87 ng/ml



#18 Endrin aldehyde

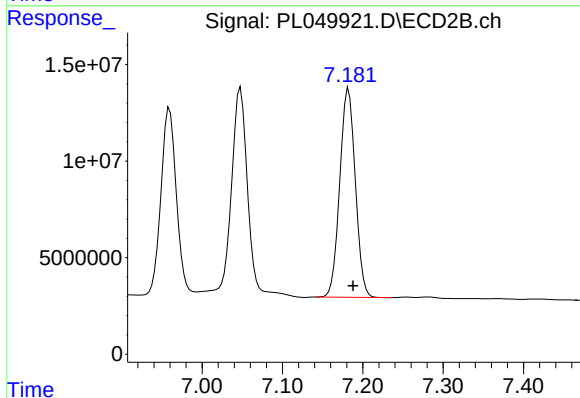
R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 127431698
Conc: 46.40 ng/ml



#19 Endosulfan Sulfate

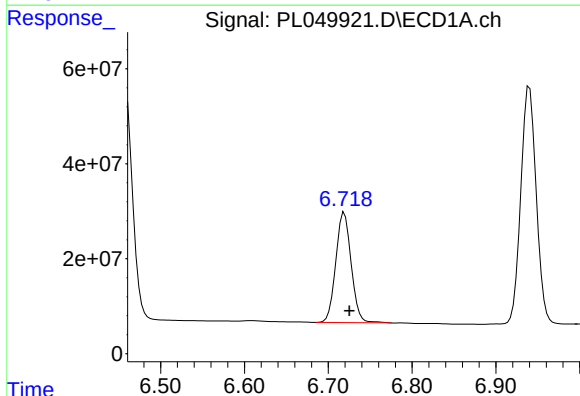
R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 601219096
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



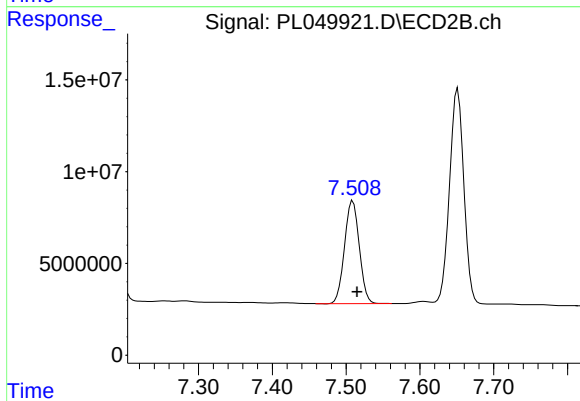
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 145442336
Conc: 48.33 ng/ml



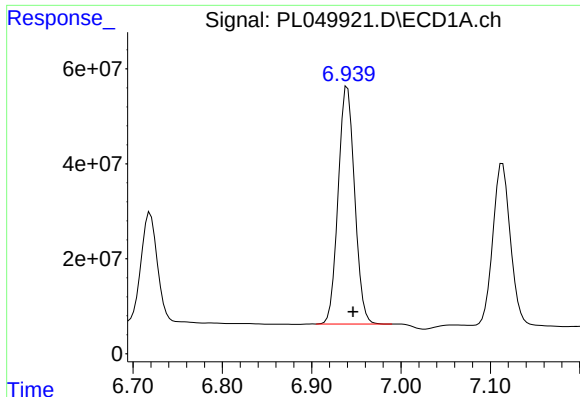
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 295644125
Conc: 45.36 ng/ml



#20 Methoxychlor

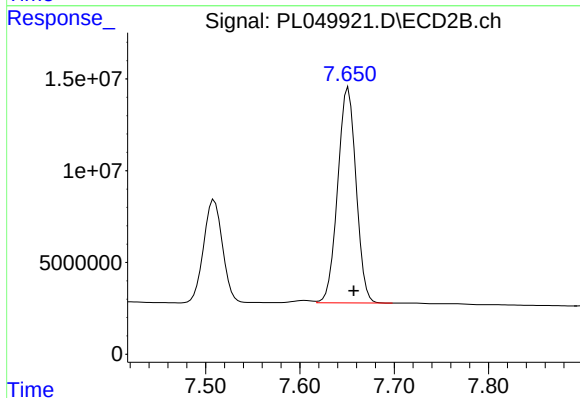
R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 77800291
Conc: 46.68 ng/ml



#21 Endrin ketone

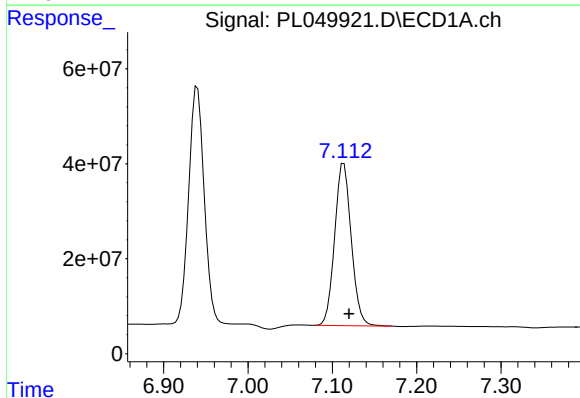
R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 638643515
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



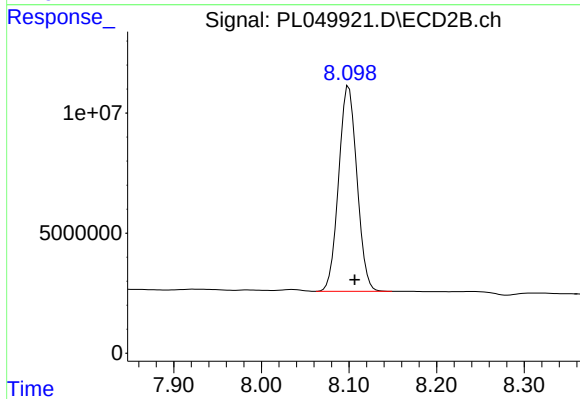
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 158820902
Conc: 50.97 ng/ml



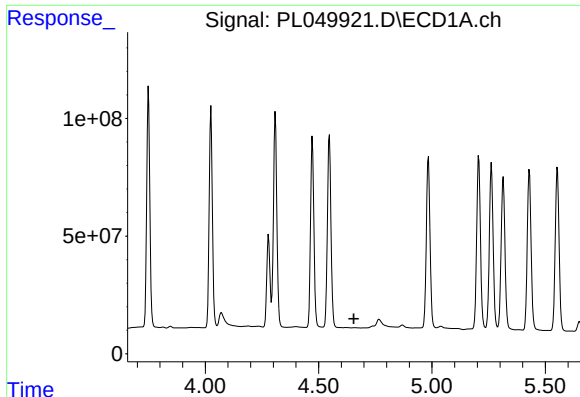
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.007 min
Response: 467721010
Conc: 45.25 ng/ml



#22 Mirex

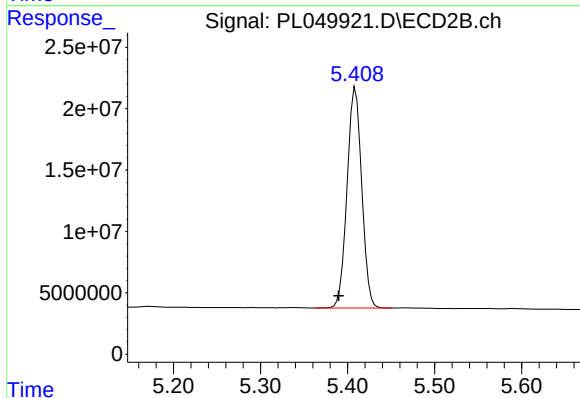
R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 124254911
Conc: 49.14 ng/ml



#24 Chlordane-2

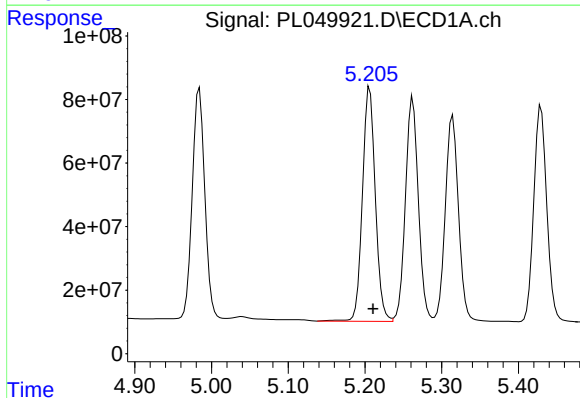
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



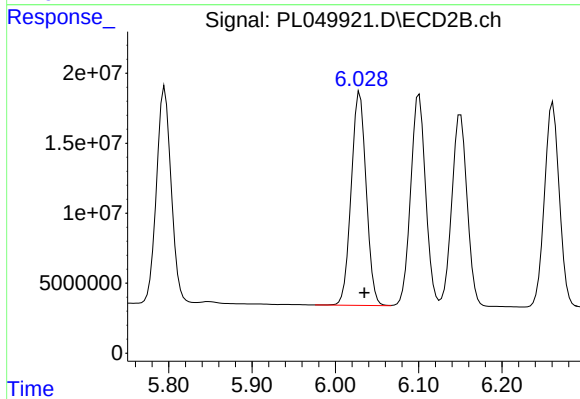
#24 Chlordane-2

R.T.: 5.409 min
Delta R.T.: 0.019 min
Response: 210201747
Conc: 1353.17 ng/ml



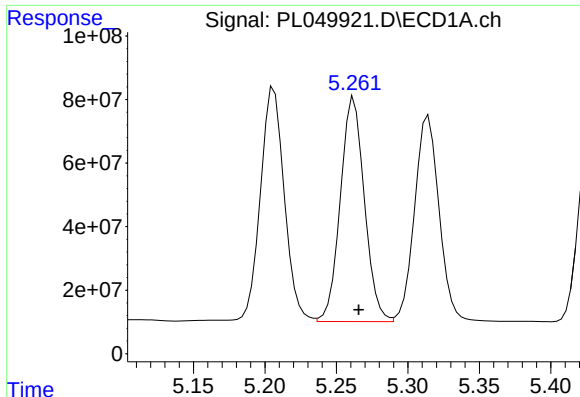
#25 Chlordane-3

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 861583401
Conc: 458.72 ng/ml



#25 Chlordane-3

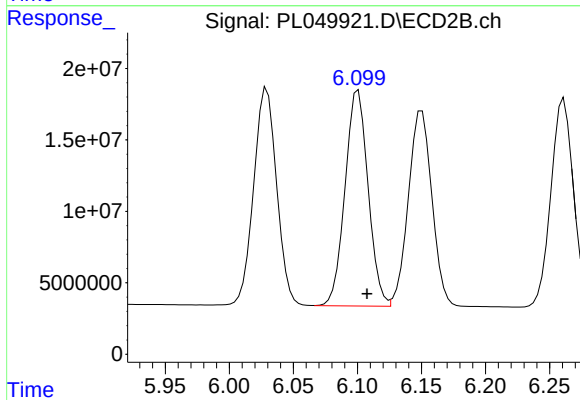
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 190171091
Conc: 382.16 ng/ml



#26 Chlordane-4

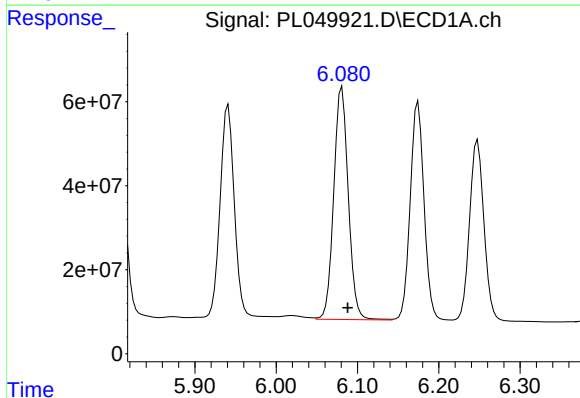
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 826400109
Conc: 473.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



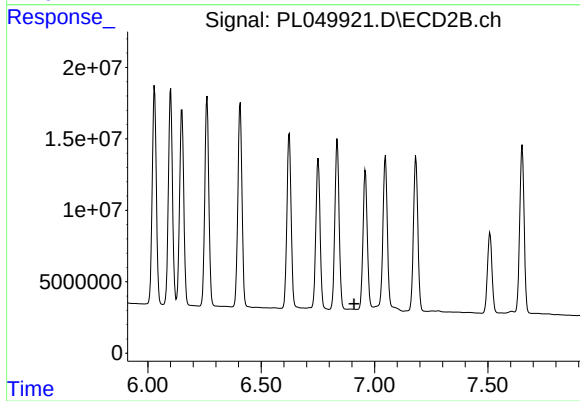
#26 Chlordane-4

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 189004011
Conc: 318.00 ng/ml



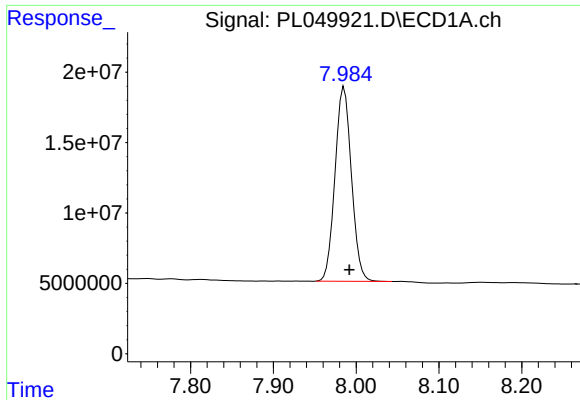
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 688565958
Conc: 1226.94 ng/ml



#27 Chlordane-5

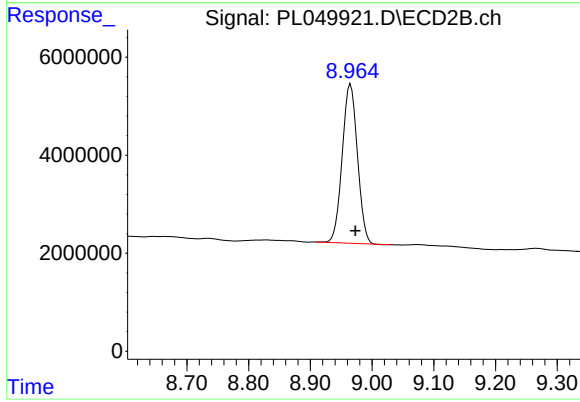
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.007 min
Response: 190323140
Conc: 14.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-001-SW015-062019MSD



#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 55613476
Conc: 16.57 ng/ml