

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062819\
 Data File : PL050040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2019 18:49
 Operator : SM\AJ
 Sample : K3158-08MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-02-062719MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 23:12:02 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...	3.321	3.933	182.0E6	56689720	16.140	18.515
28)	SA Decachlor...	7.985	8.964	220.7E6	63044760	17.366	18.780
Target Compounds							
2)	A alpha-BHC	3.749	4.321	851.1E6	227.5E6	45.302	50.809
3)	MA gamma-BHC...	4.024	4.604	811.2E6	212.9E6	45.754	51.318
4)	MA Heptachlor	4.309	5.106	841.4E6	216.5E6	46.288	50.008
5)	MB Aldrin	4.547	5.408	838.7E6	203.1E6	48.569	51.837
6)	B beta-BHC	4.279	4.780	347.2E6	96725682	47.463	49.935
7)	B delta-BHC	4.472	4.994	782.1E6	186.7E6	43.731	47.387
8)	B Heptachlor...	4.983	5.795	727.8E6	192.6E6	45.210	52.966
9)	A Endosulfan I	5.314	6.150	754.7E6	178.3E6	48.775	52.469
10)	B gamma-Chl...	5.205	6.029	816.0E6	193.1E6	47.748	51.821
11)	B alpha-Chl...	5.261	6.100	791.2E6	186.6E6	47.666	50.463
12)	B 4,4'-DDE	5.429	6.261	802.3E6	183.9E6	48.161	52.992
13)	MA Dieldrin	5.553	6.406	800.6E6	184.8E6	48.060	52.100
14)	MA Endrin	5.805	6.623	712.8E6	150.8E6	44.511	47.769
15)	B Endosulfa...	6.080	6.835	691.5E6	159.5E6	47.456	49.534
16)	A 4,4'-DDD	5.939	6.751	666.6E6	143.7E6	52.804	54.954
17)	MA 4,4'-DDT	6.173	7.048	562.0E6	128.4E6	42.331	43.851
18)	B Endrin al...	6.246	6.959	558.5E6	135.9E6	47.285	49.467
19)	B Endosulfa...	6.458	7.182	617.1E6	151.7E6	47.595	50.411
20)	A Methoxychlor	6.718	7.509	261.6E6	70350072	40.130	42.207
21)	B Endrin ke...	6.939	7.650	705.3E6	169.3E6	50.182	54.330
22)	Mirex	7.113	8.099	506.5E6	133.3E6	48.999	52.702
24)	Chlordane-2	0.000	5.408f	0	203.1E6	N.D.	1307.135 #
25)	Chlordane-3	5.205	6.029	816.0E6	193.1E6	434.430	388.062
26)	Chlordane-4	5.261	6.100	791.2E6	186.6E6	453.369	314.016 #
27)	Chlordane-5	6.080	0.000	691.5E6	0	1232.171	N.D. #

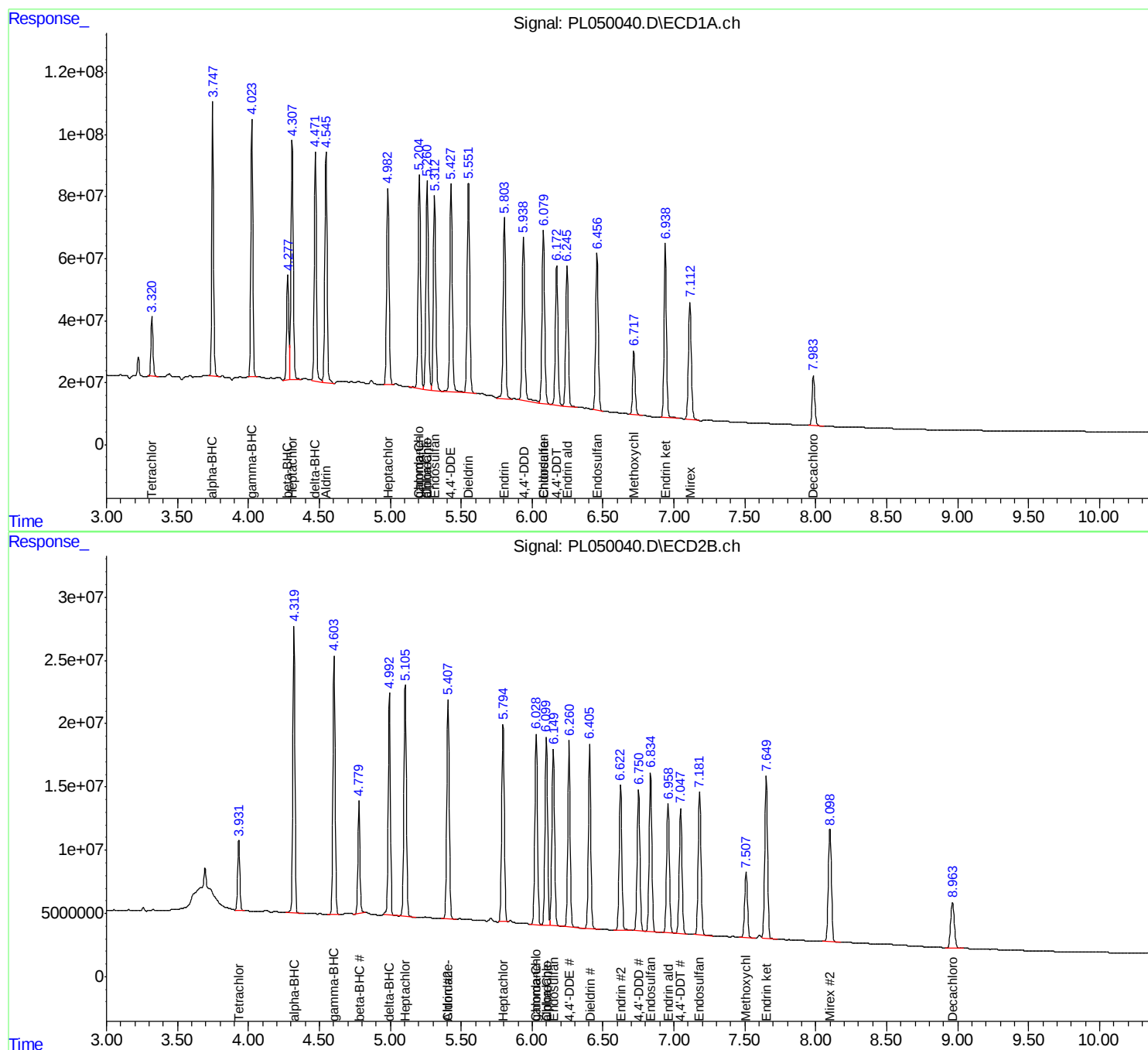
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

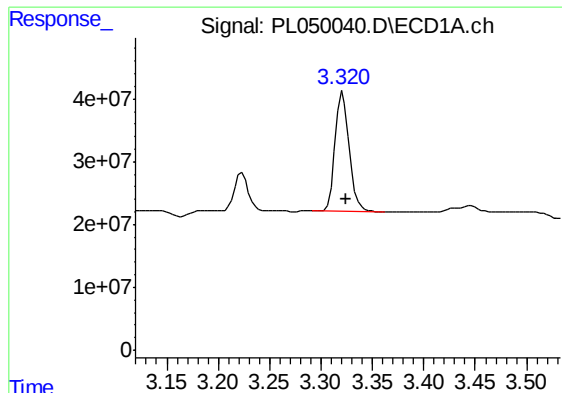
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062819\
Data File : PL050040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2019 18:49
Operator : SM\AJ
Sample : K3158-08MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 23:12:02 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

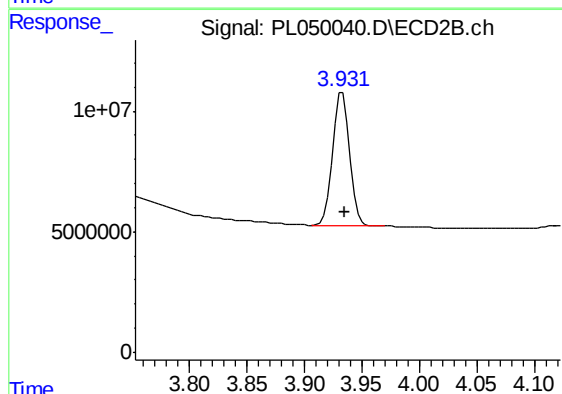




#1 Tetrachloro-m-xylene

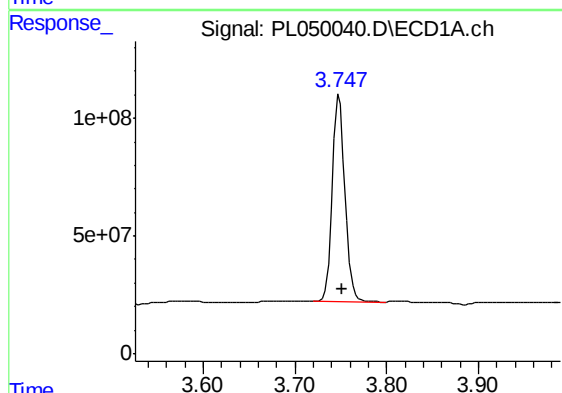
R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 182017355
Conc: 16.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



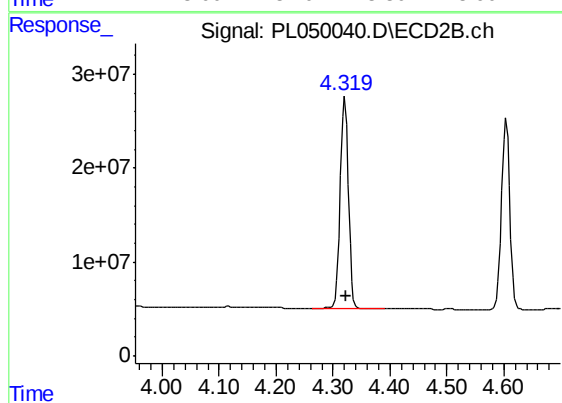
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.003 min
Response: 56689720
Conc: 18.52 ng/ml



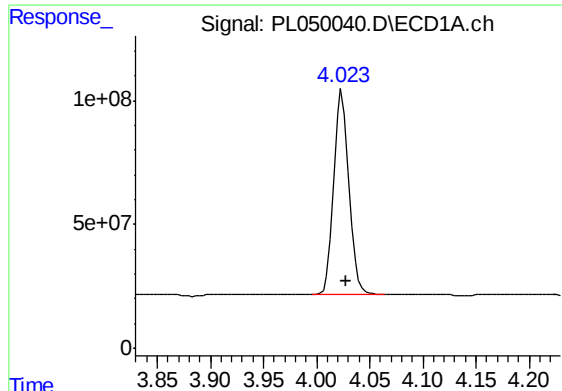
#2 alpha-BHC

R.T.: 3.749 min
Delta R.T.: -0.003 min
Response: 851110020
Conc: 45.30 ng/ml



#2 alpha-BHC

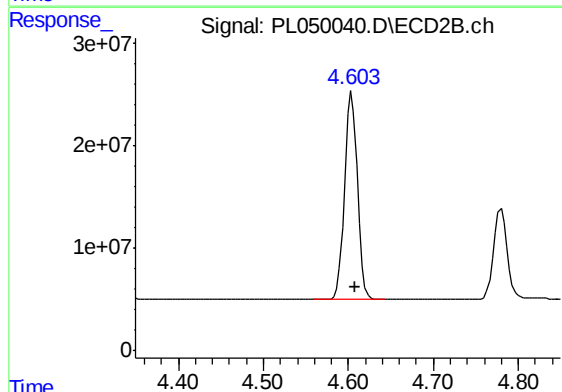
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 227450259
Conc: 50.81 ng/ml



#3 gamma-BHC (Lindane)

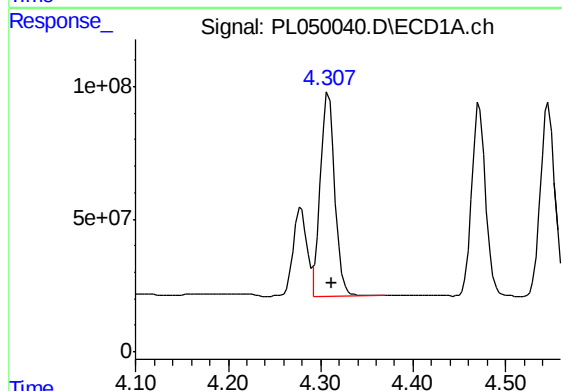
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 811234234
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



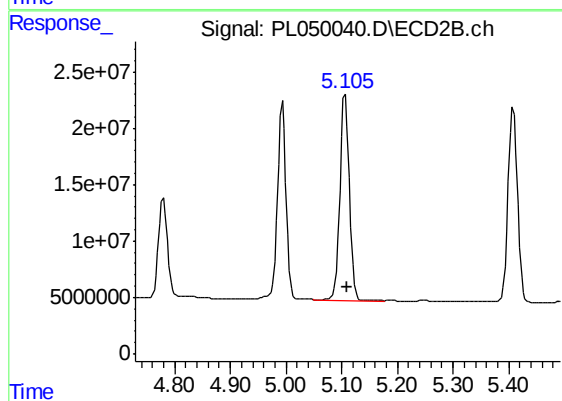
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.003 min
Response: 212857047
Conc: 51.32 ng/ml



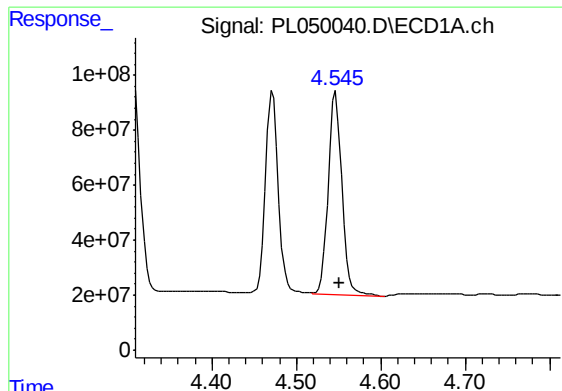
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.004 min
Response: 841381459
Conc: 46.29 ng/ml



#4 Heptachlor

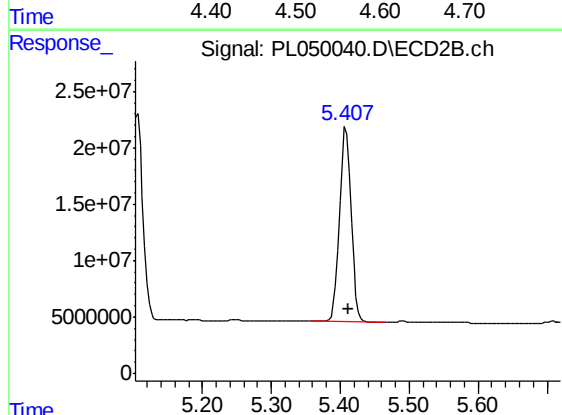
R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 216455672
Conc: 50.01 ng/ml



#5 Aldrin

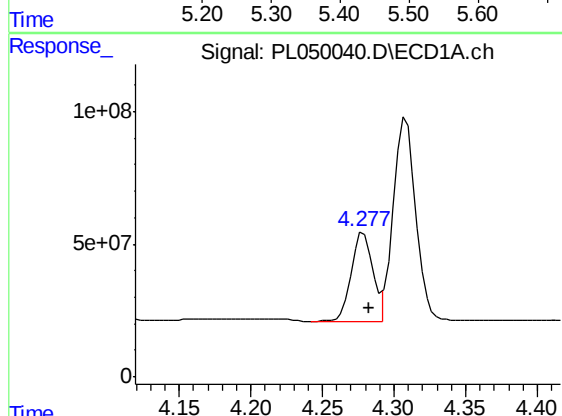
R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 838678728
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



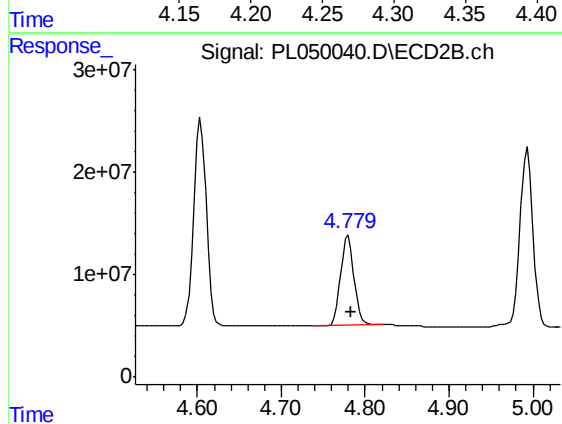
#5 Aldrin

R.T.: 5.408 min
Delta R.T.: -0.005 min
Response: 203050809
Conc: 51.84 ng/ml



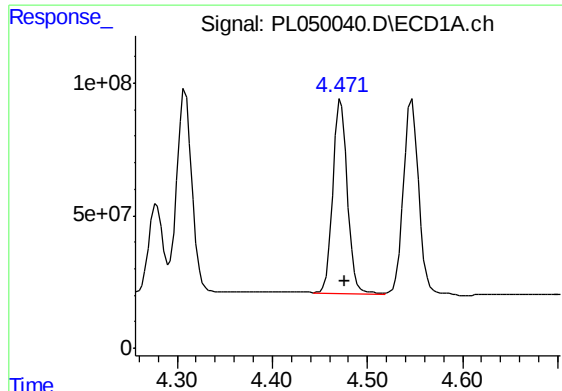
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 347182226
Conc: 47.46 ng/ml



#6 beta-BHC

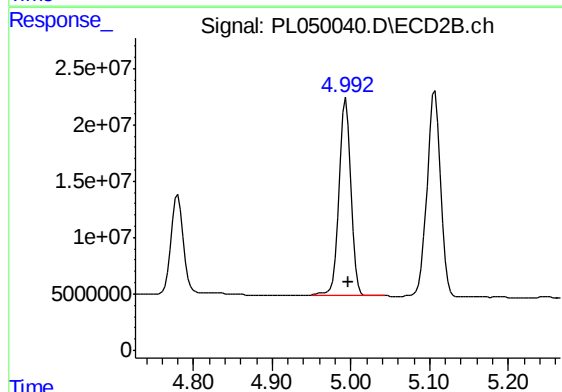
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 96725682
Conc: 49.93 ng/ml



#7 delta-BHC

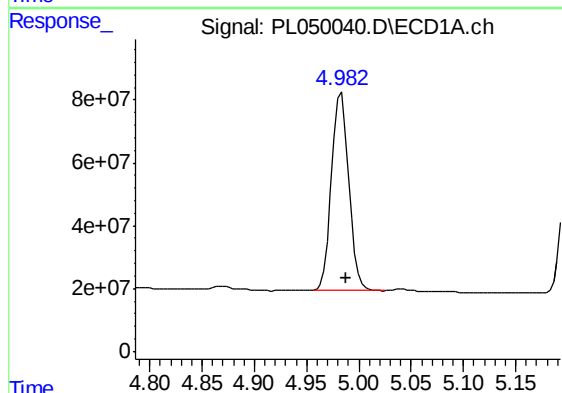
R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 782071764
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



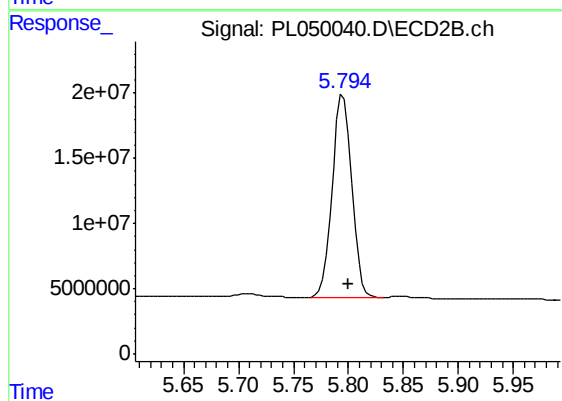
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 186651388
Conc: 47.39 ng/ml



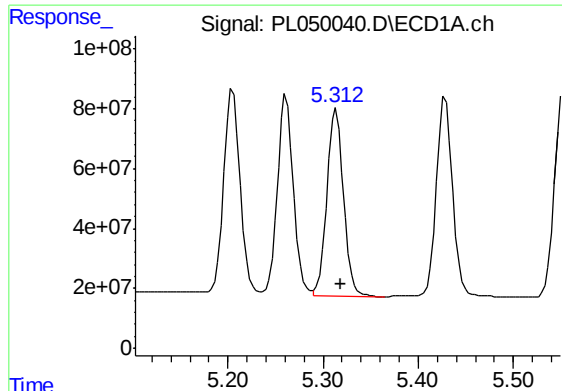
#8 Heptachlor epoxide

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 727761724
Conc: 45.21 ng/ml



#8 Heptachlor epoxide

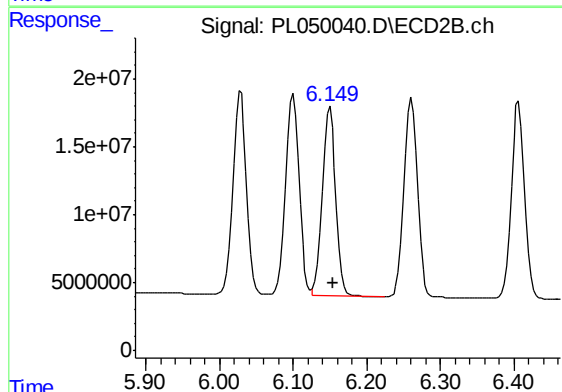
R.T.: 5.795 min
Delta R.T.: -0.005 min
Response: 192572319
Conc: 52.97 ng/ml



#9 Endosulfan I

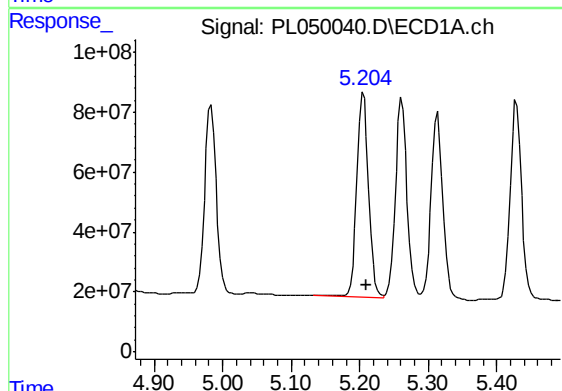
R.T.: 5.314 min
Delta R.T.: -0.005 min
Response: 754677097
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



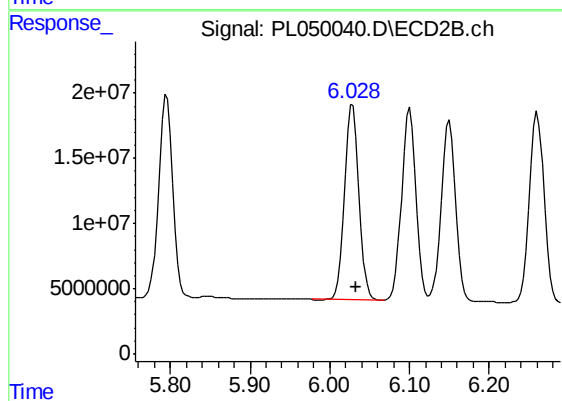
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 178256813
Conc: 52.47 ng/ml



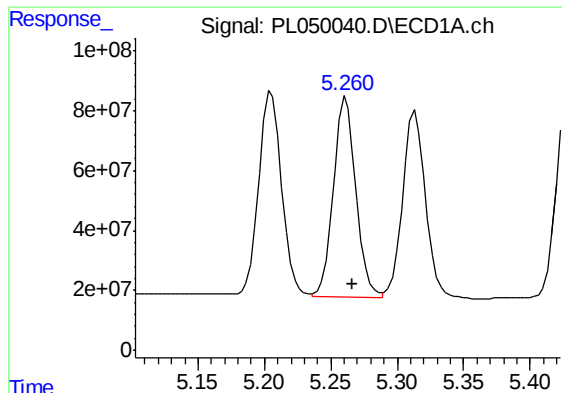
#10 gamma-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 815952982
Conc: 47.75 ng/ml



#10 gamma-Chlordane

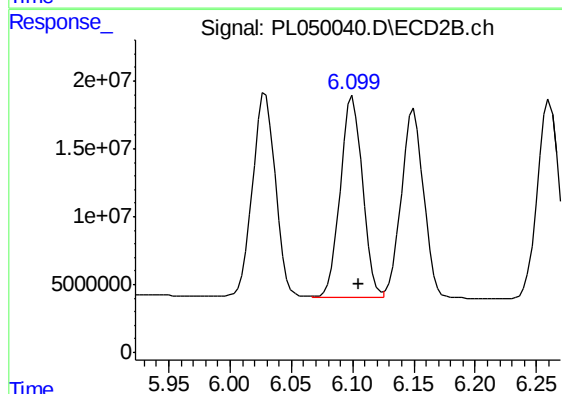
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 193109175
Conc: 51.82 ng/ml



#11 alpha-Chlordane

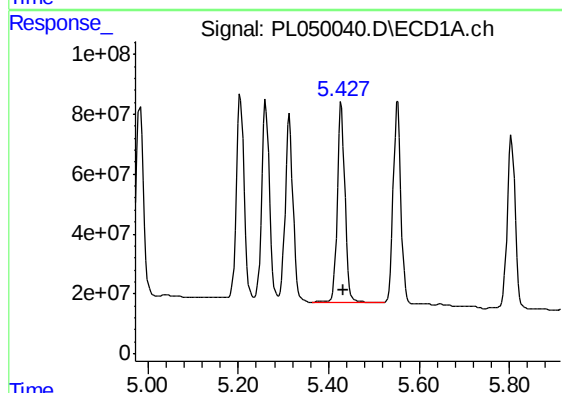
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 791192204
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



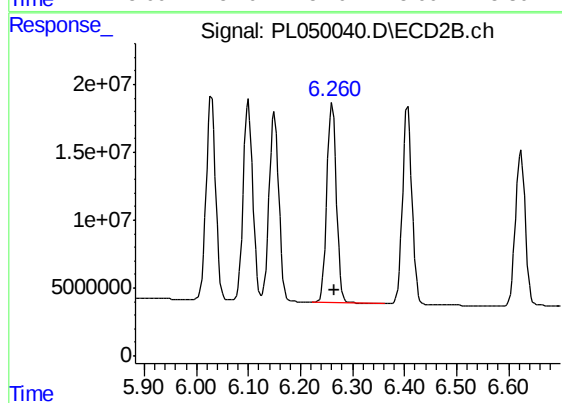
#11 alpha-Chlordane

R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 186633511
Conc: 50.46 ng/ml



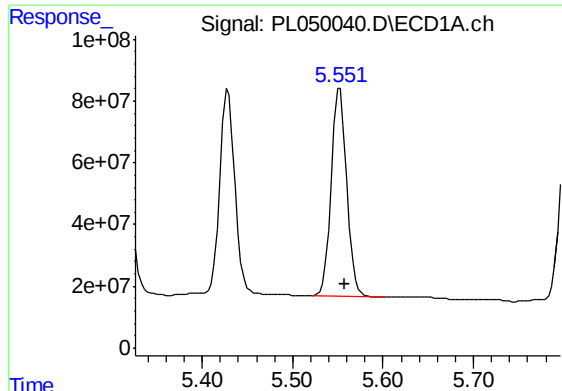
#12 4,4'-DDE

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 802321929
Conc: 48.16 ng/ml



#12 4,4'-DDE

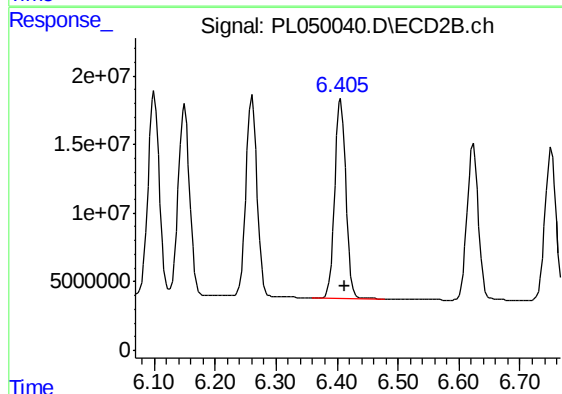
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 183887123
Conc: 52.99 ng/ml



#13 Dielddrin

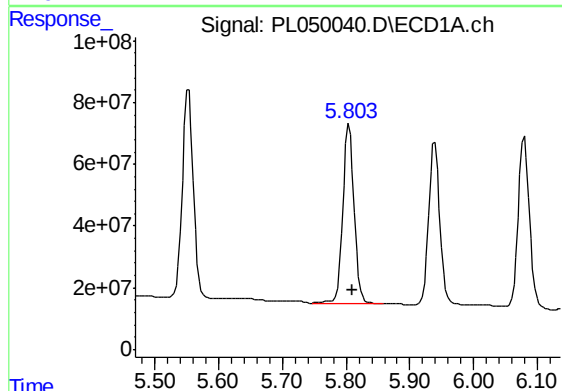
R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 800582003
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



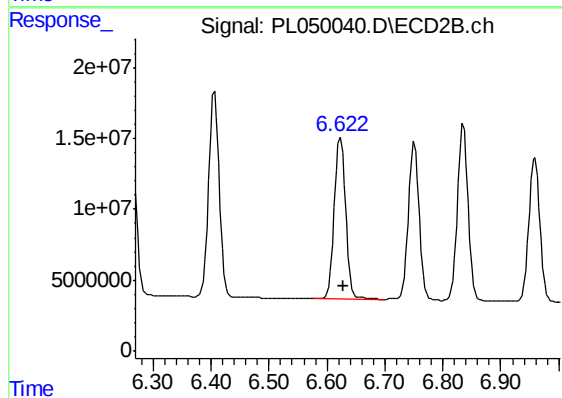
#13 Dielddrin

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 184826773
Conc: 52.10 ng/ml



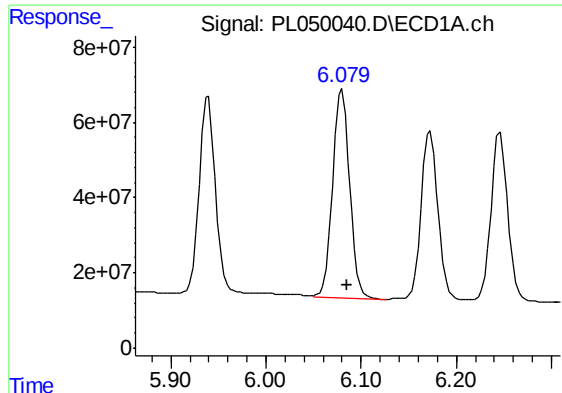
#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 712833057
Conc: 44.51 ng/ml



#14 Endrin

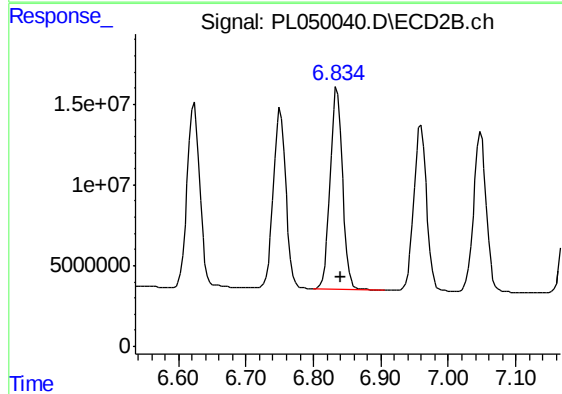
R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 150817643
Conc: 47.77 ng/ml



#15 Endosulfan II

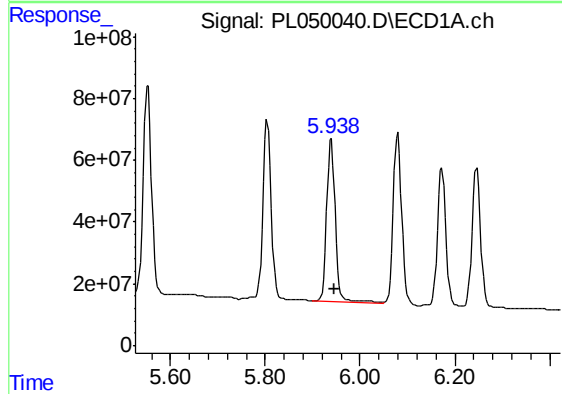
R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 691503038
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



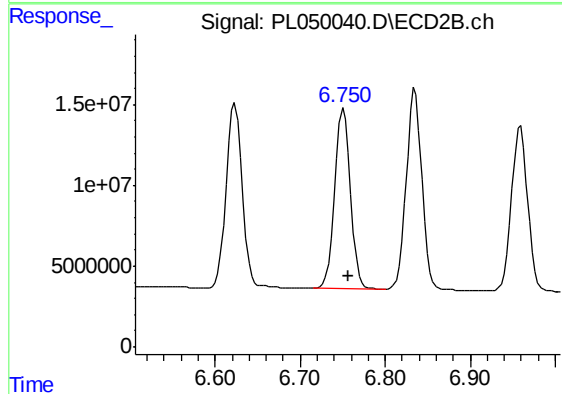
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 159544446
Conc: 49.53 ng/ml



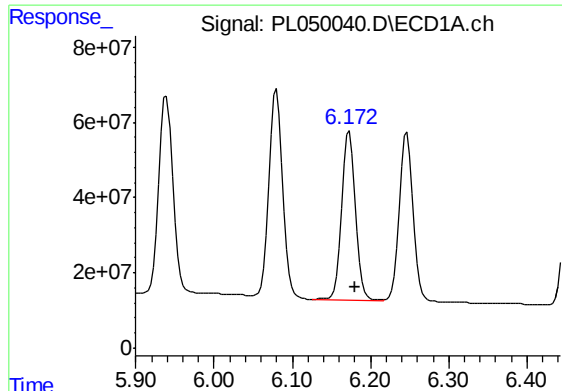
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 666600283
Conc: 52.80 ng/ml



#16 4,4'-DDD

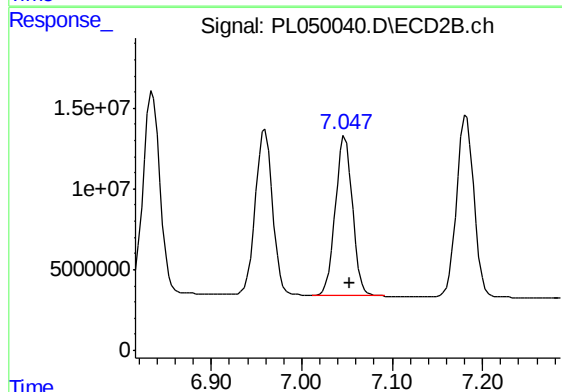
R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 143661672
Conc: 54.95 ng/ml



#17 4,4'-DDT

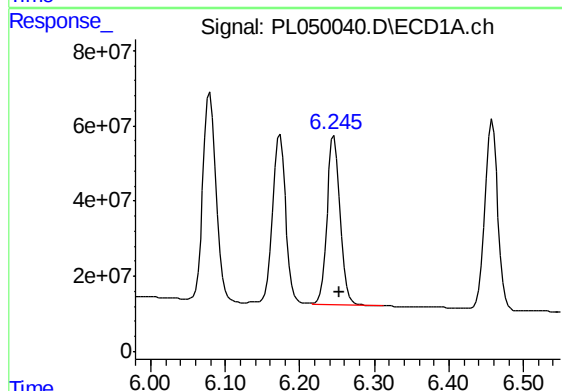
R.T.: 6.173 min
Delta R.T.: -0.007 min
Response: 561978428
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



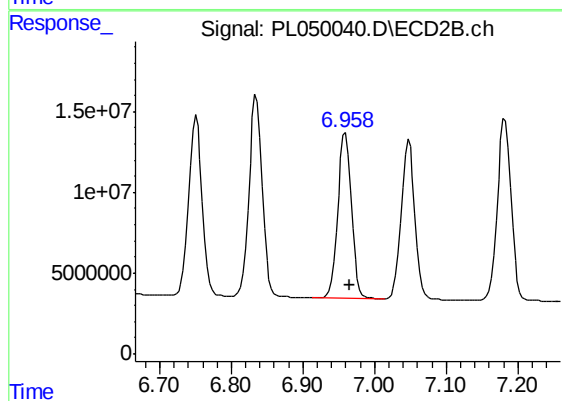
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 128429772
Conc: 43.85 ng/ml



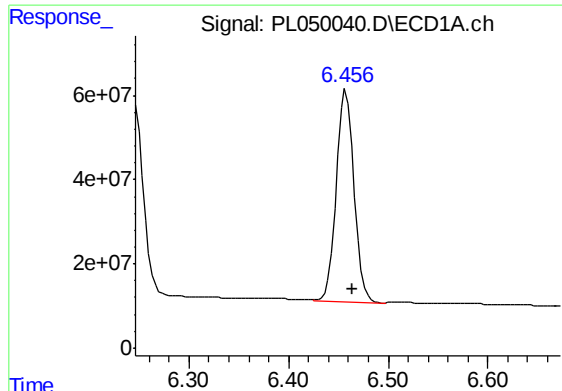
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 558515573
Conc: 47.28 ng/ml



#18 Endrin aldehyde

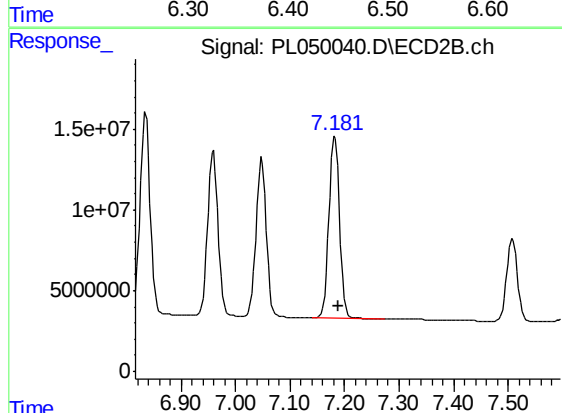
R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 135856611
Conc: 49.47 ng/ml



#19 Endosulfan Sulfate

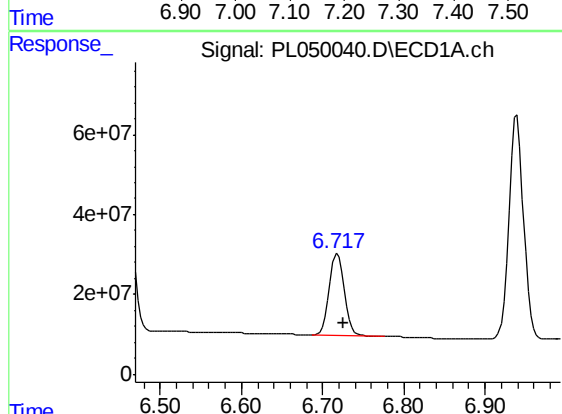
R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 617095037
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



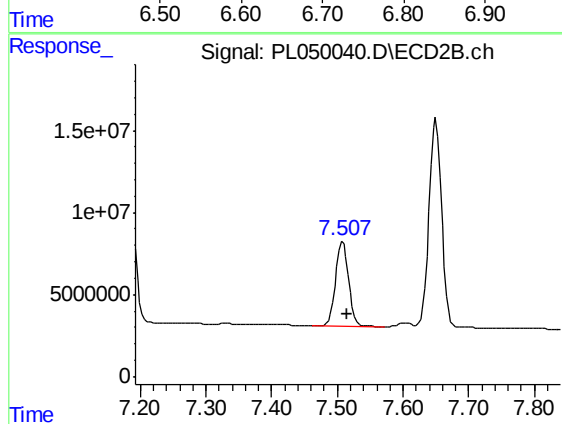
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 151716738
Conc: 50.41 ng/ml



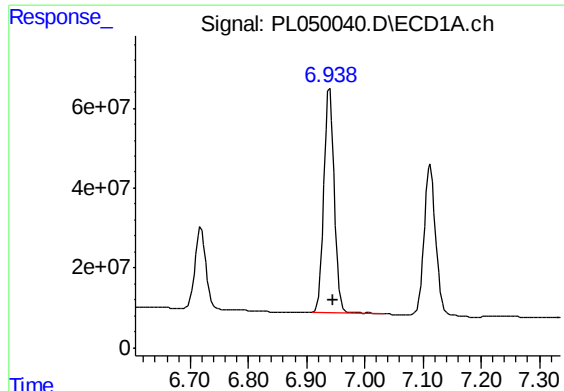
#20 Methoxychlor

R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 261574646
Conc: 40.13 ng/ml



#20 Methoxychlor

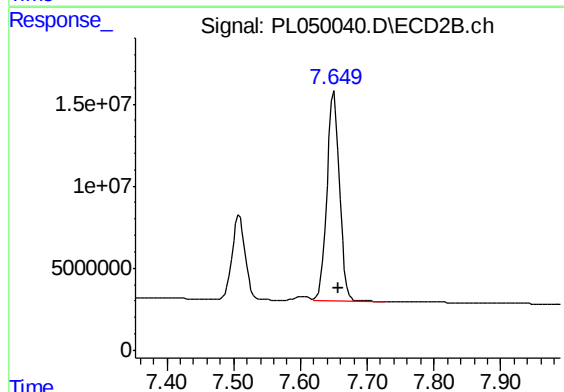
R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 70350072
Conc: 42.21 ng/ml



#21 Endrin ketone

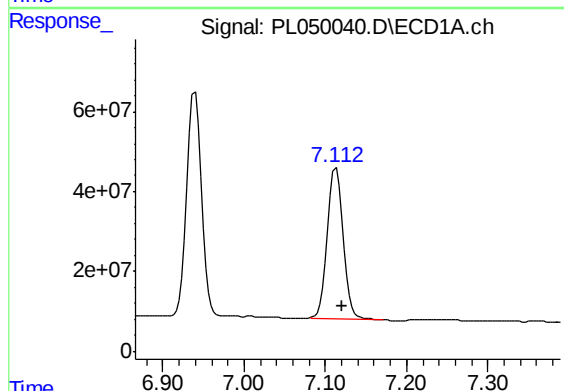
R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 705313314
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



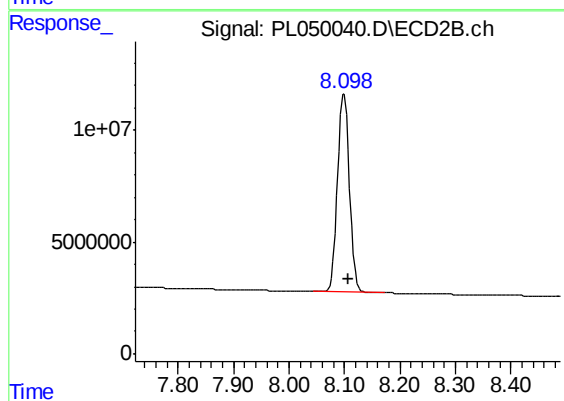
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 169303626
Conc: 54.33 ng/ml



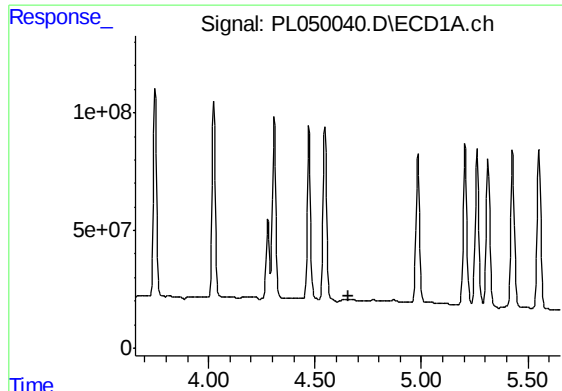
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 506497060
Conc: 49.00 ng/ml



#22 Mirex

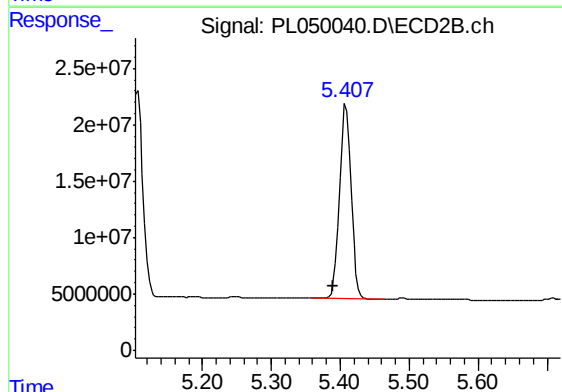
R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 133267326
Conc: 52.70 ng/ml



#24 Chlordane-2

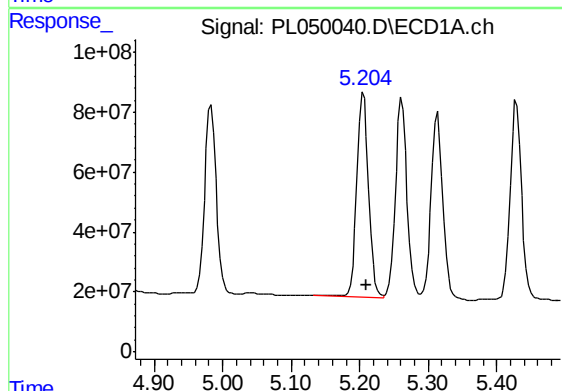
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



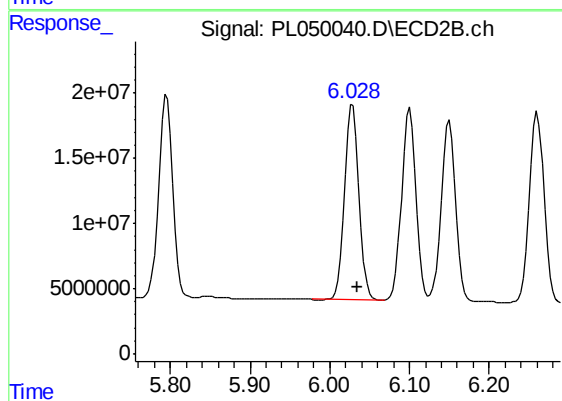
#24 Chlordane-2

R.T.: 5.408 min
Delta R.T.: 0.018 min
Response: 203050809
Conc: 1307.14 ng/ml



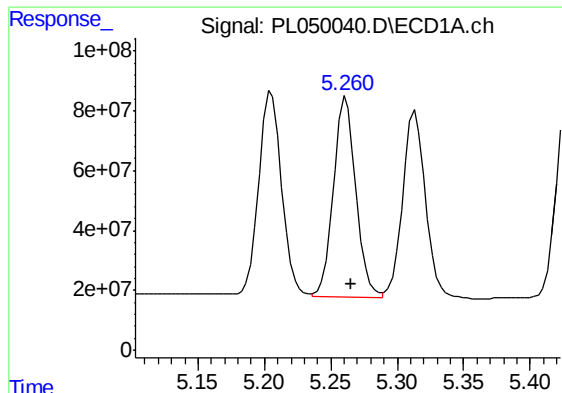
#25 Chlordane-3

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 815952982
Conc: 434.43 ng/ml



#25 Chlordane-3

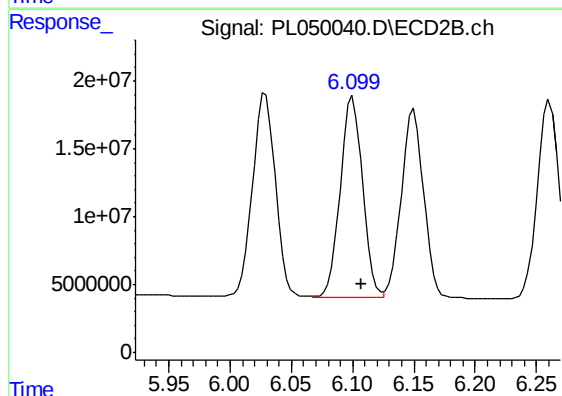
R.T.: 6.029 min
Delta R.T.: -0.006 min
Response: 193109175
Conc: 388.06 ng/ml



#26 Chlordane-4

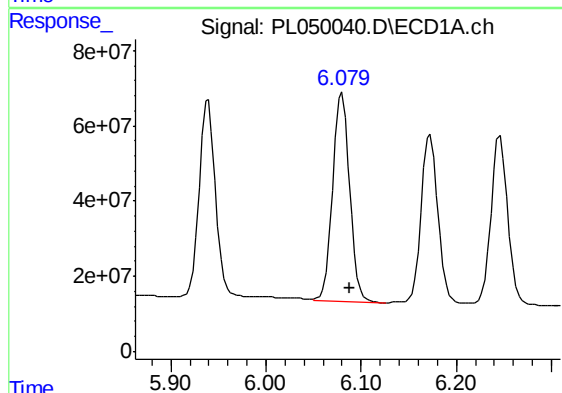
R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 791192204
Conc: 453.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



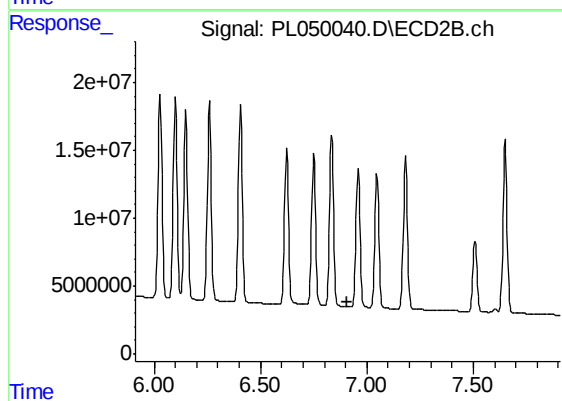
#26 Chlordane-4

R.T.: 6.100 min
Delta R.T.: -0.007 min
Response: 186633511
Conc: 314.02 ng/ml



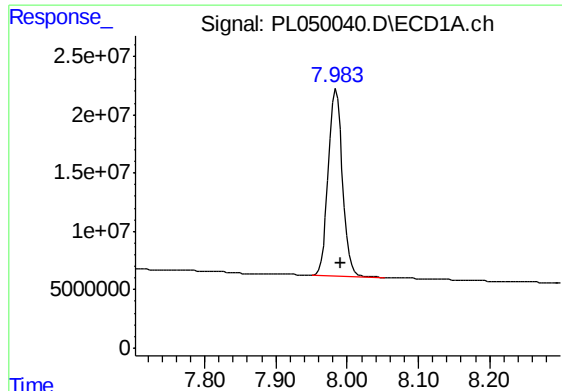
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 691503038
Conc: 1232.17 ng/ml



#27 Chlordane-5

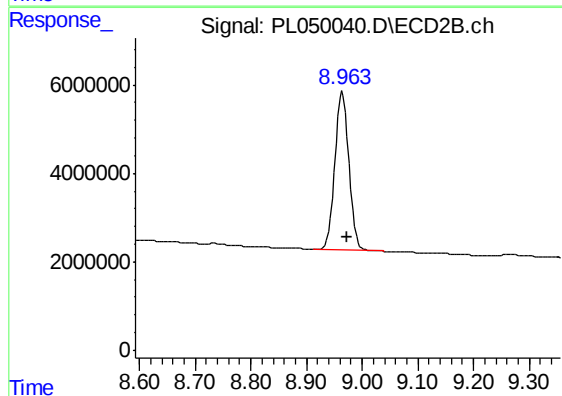
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.008 min
Response: 220655674
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-062719MSD



#28 Decachlorobiphenyl

R.T.: 8.964 min
Delta R.T.: -0.009 min
Response: 63044760
Conc: 18.78 ng/ml