

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
 Data File : PL047552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2019 04:01
 Operator : AJ\SJ
 Sample : K2436-01MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-GF-02-038-AMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 05:29:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.357	3.975	123.0E6	44000617	16.911	19.218
28)	SA Decachlor...	8.030	9.025	102.7E6	34108667	12.211	14.712
Target Compounds							
2)	A alpha-BHC	3.785	4.365	522.7E6	155.6E6	44.821	48.438
3)	MA gamma-BHC...	4.062	4.649	483.7E6	146.0E6	45.015	48.780
4)	MA Heptachlor	4.349	5.154	520.8E6	147.5E6	47.234	47.944
5)	MB Aldrin	4.589	5.458	460.4E6	146.2E6	44.630	51.023
6)	B beta-BHC	4.315	4.822	197.7E6	62313225	43.902	47.004
7)	B delta-BHC	4.511	5.038	346.3E6	76076712	34.212	32.789
8)	B Heptachlor...	5.026	5.844	416.1E6	113.3E6	42.666	42.970
9)	A Endosulfan I	5.357	6.200	378.7E6	111.7E6	40.282	42.815
10)	B gamma-Chl...	5.249	6.078	562.7E6	154.9E6	54.776	54.592
11)	B alpha-Chl...	5.304	6.151	497.8E6	155.6E6	49.096	54.868
12)	B 4,4'-DDE	5.471	6.309	358.5E6	115.1E6	38.942	46.370
13)	MA Dieldrin	5.597	6.457	462.8E6	125.1E6	46.112	46.159
14)	MA Endrin	5.850	6.674	372.6E6	104.1E6	39.553	43.540
15)	B Endosulfa...	6.125	6.885	346.7E6	98740671	38.696	40.922
16)	A 4,4'-DDD	5.982	6.800	307.4E6	111.3E6	40.660	55.316 #
17)	MA 4,4'-DDT	6.217	7.097	347.0E6	76785805	45.817	36.618
18)	B Endrin al...	6.291	7.009	287.2E6	86537764	38.315	40.743
19)	B Endosulfa...	6.502	7.232	338.6E6	86893310	41.232	36.835
20)	A Methoxychlor	6.761	7.555	156.6E6	50216469	36.855	39.392
21)	B Endrin ke...	6.985	7.701	349.1E6	108.6E6	37.749	43.691
22)	Mirex	7.161	8.152	259.2E6	87617536	35.583	43.805
23)	Chlordane-1	4.201	4.965	23295956	6745009	69.272	62.329
24)	Chlordane-2	4.693	5.458f	12856416	146.2E6	33.884	1251.437 #
25)	Chlordane-3	5.249	6.078	562.7E6	154.9E6	505.259	406.372
26)	Chlordane-4	5.304	6.151	497.8E6	155.6E6	481.389	337.308 #
27)	Chlordane-5	6.125	6.953	346.7E6	-189722	1015.934	N.D. #

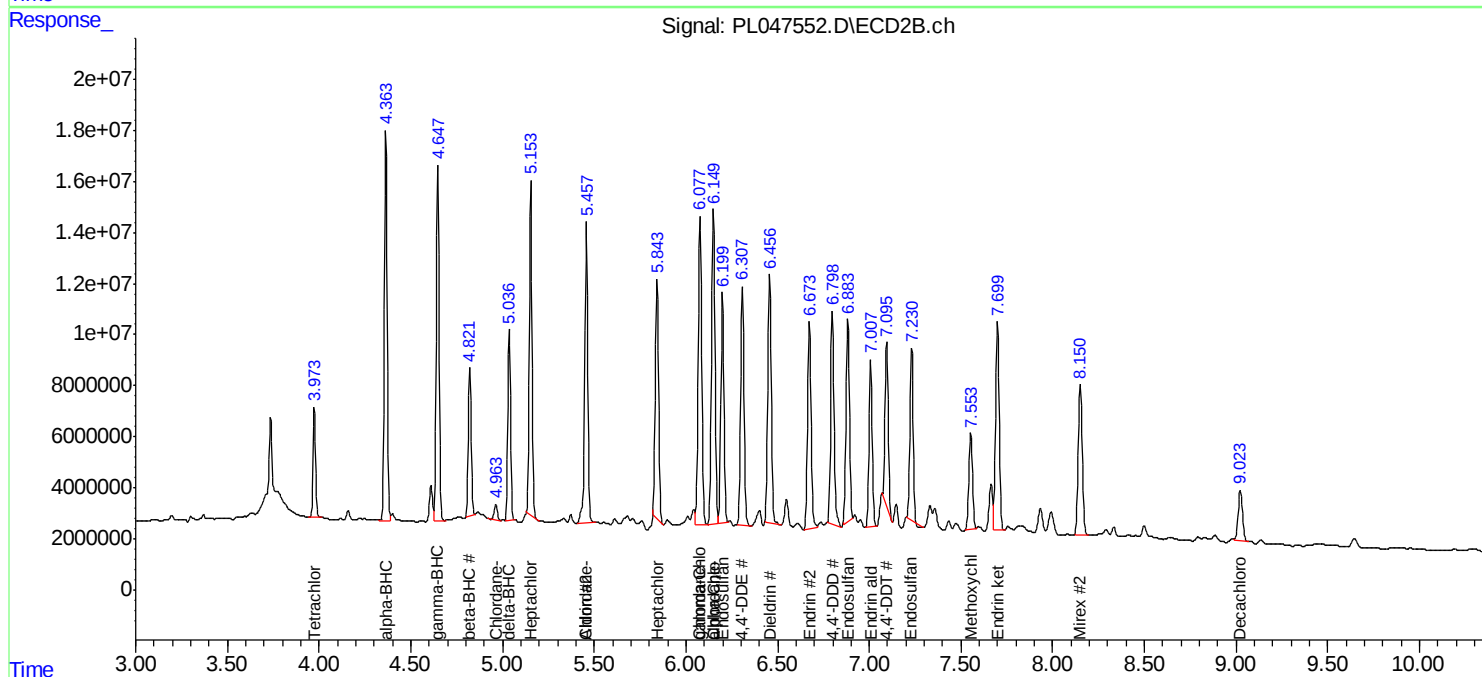
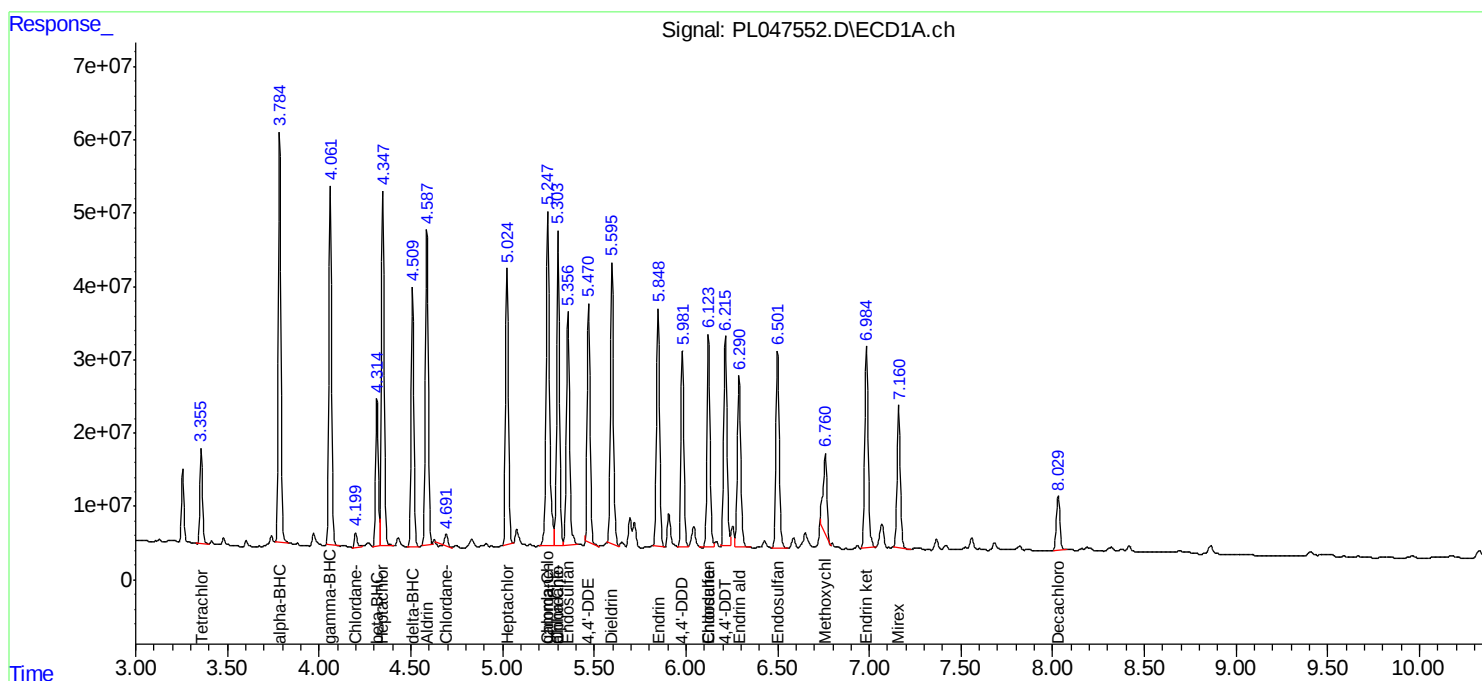
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

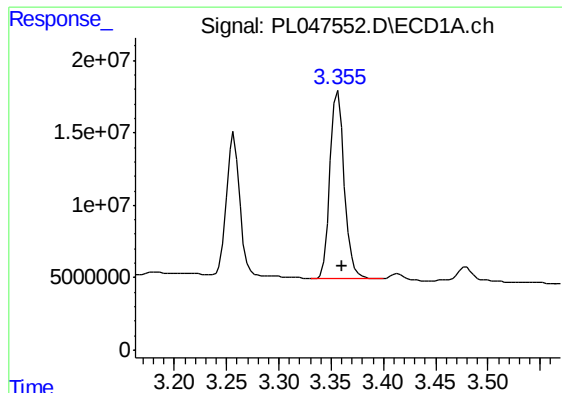
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
Data File : PL047552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2019 04:01
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Sample : K2436-01MSD
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ClientSampleId :
FK-GF-02-038-AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 05:29:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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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

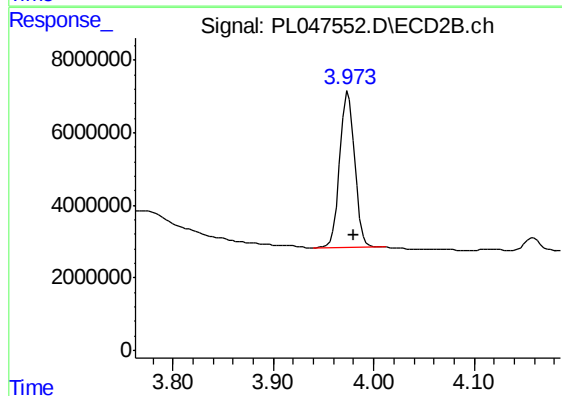




#1 Tetrachloro-m-xylene

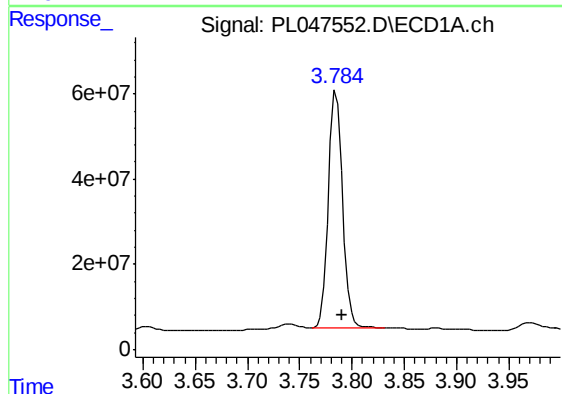
R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 123019139
Conc: 16.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



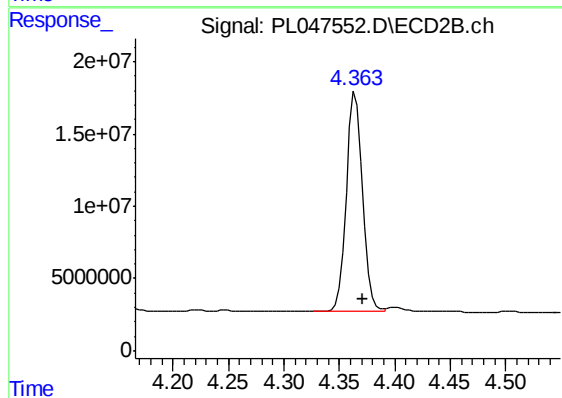
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 44000617
Conc: 19.22 ng/ml



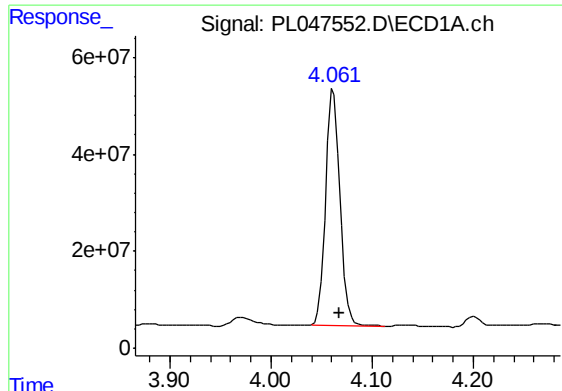
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 522705714
Conc: 44.82 ng/ml



#2 alpha-BHC

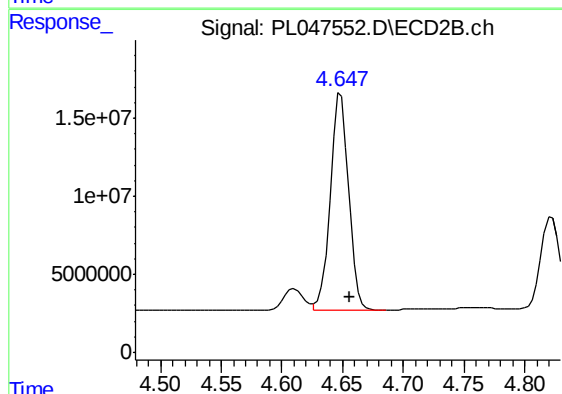
R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 155646374
Conc: 48.44 ng/ml



#3 gamma-BHC (Lindane)

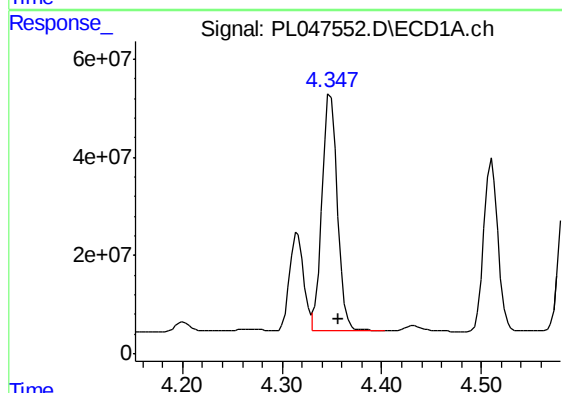
R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 483664995
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



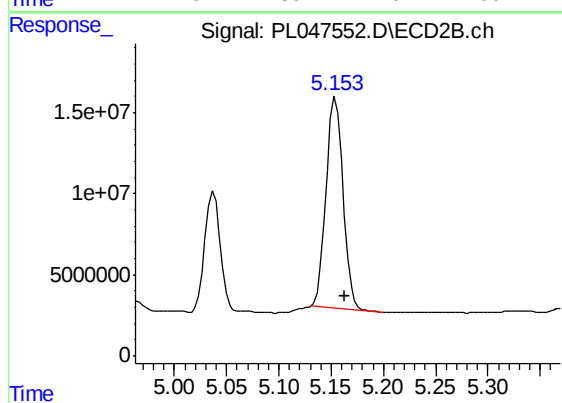
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 145998578
Conc: 48.78 ng/ml



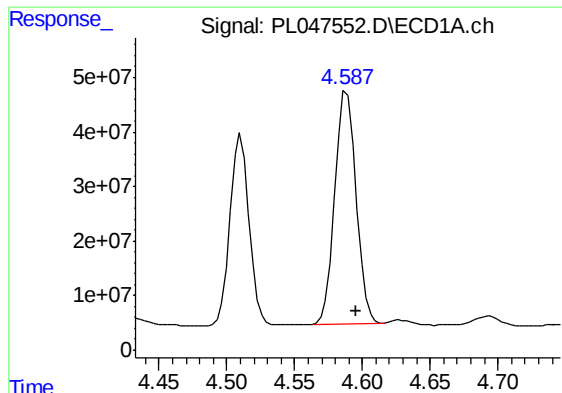
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 520762889
Conc: 47.23 ng/ml



#4 Heptachlor

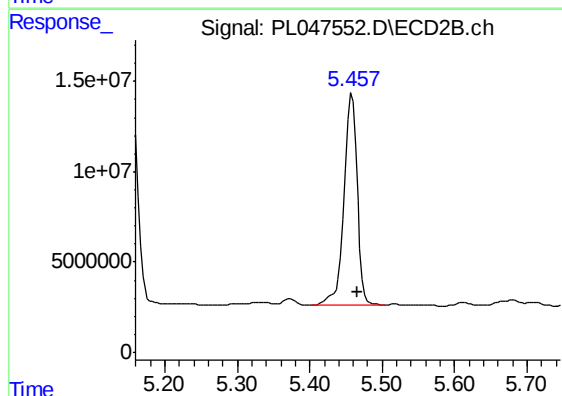
R.T.: 5.154 min
Delta R.T.: -0.008 min
Response: 147471635
Conc: 47.94 ng/ml



#5 Aldrin

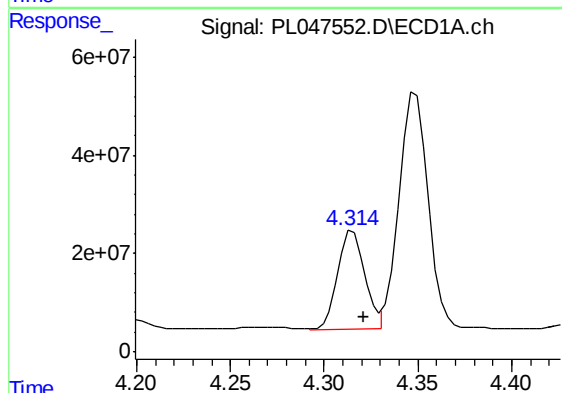
R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 460360727
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



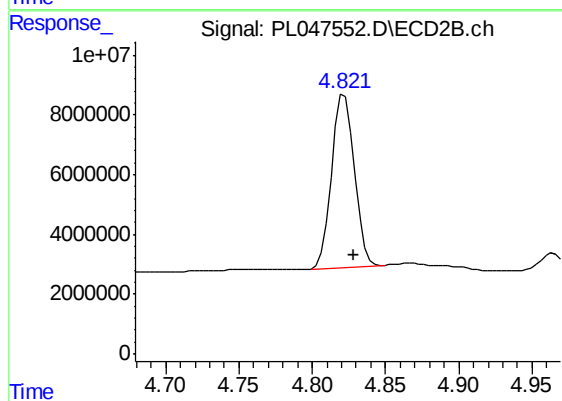
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 146179377
Conc: 51.02 ng/ml



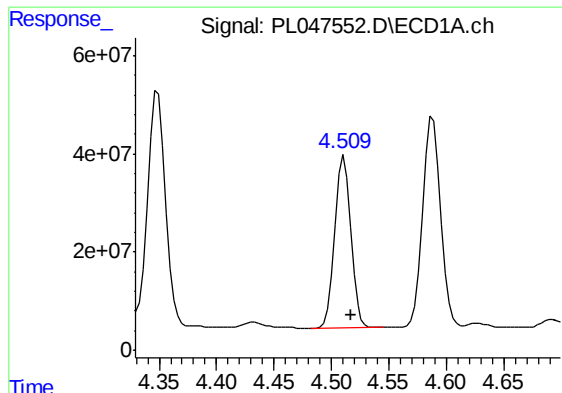
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.006 min
Response: 197665805
Conc: 43.90 ng/ml



#6 beta-BHC

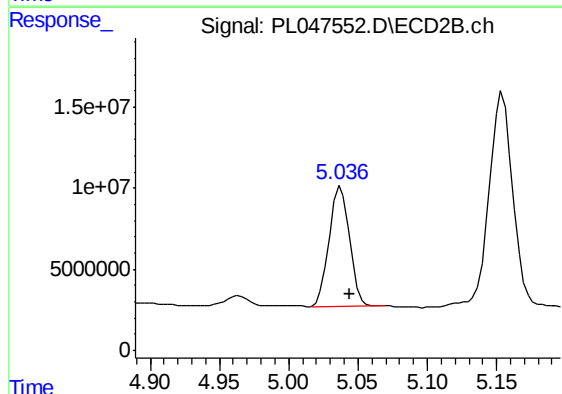
R.T.: 4.822 min
Delta R.T.: -0.006 min
Response: 62313225
Conc: 47.00 ng/ml



#7 delta-BHC

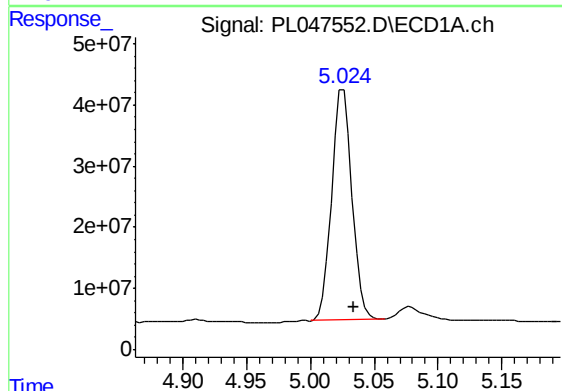
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 346325862
Conc: 34.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



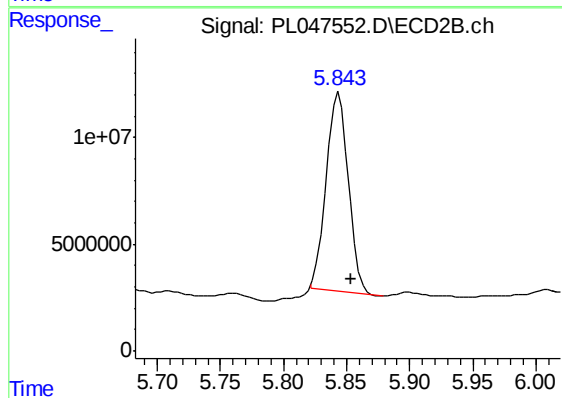
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 76076712
Conc: 32.79 ng/ml



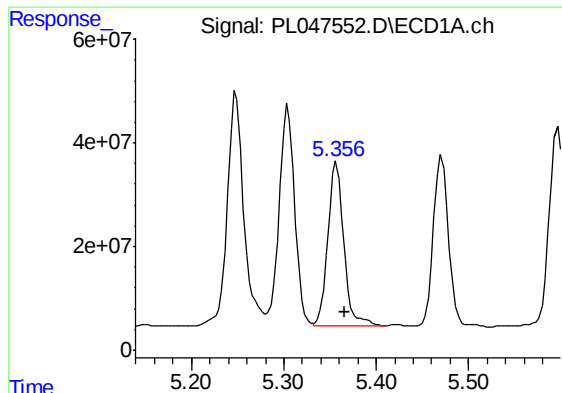
#8 Heptachlor epoxide

R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 416146563
Conc: 42.67 ng/ml



#8 Heptachlor epoxide

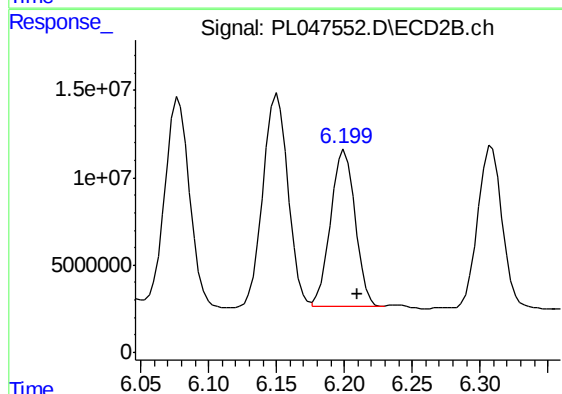
R.T.: 5.844 min
Delta R.T.: -0.010 min
Response: 113320453
Conc: 42.97 ng/ml



#9 Endosulfan I

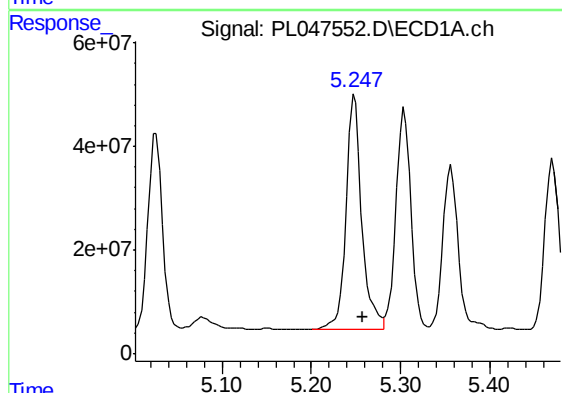
R.T.: 5.357 min
Delta R.T.: -0.009 min
Response: 378747152
Conc: 40.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



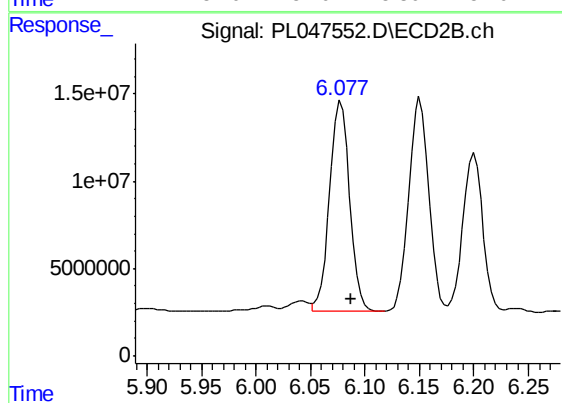
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: -0.010 min
Response: 111741327
Conc: 42.81 ng/ml



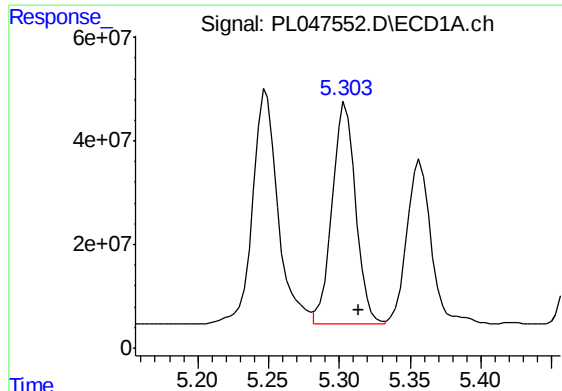
#10 gamma-Chlordane

R.T.: 5.249 min
Delta R.T.: -0.008 min
Response: 562693810
Conc: 54.78 ng/ml



#10 gamma-Chlordane

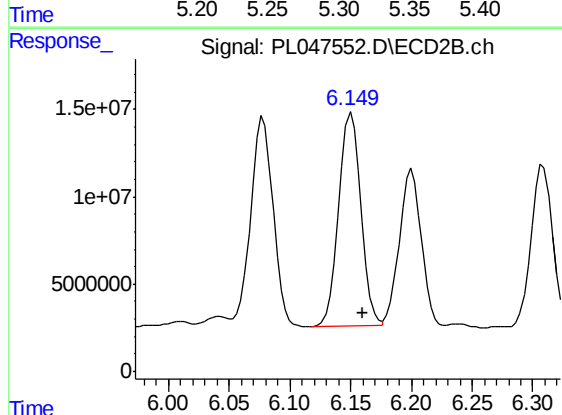
R.T.: 6.078 min
Delta R.T.: -0.009 min
Response: 154936519
Conc: 54.59 ng/ml



#11 alpha-Chlordane

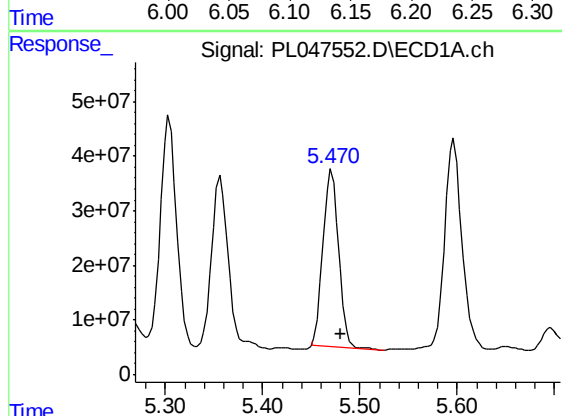
R.T.: 5.304 min
Delta R.T.: -0.009 min
Response: 497784890
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



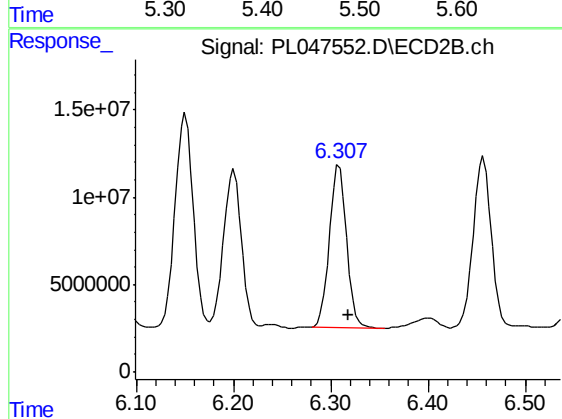
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.010 min
Response: 155642121
Conc: 54.87 ng/ml



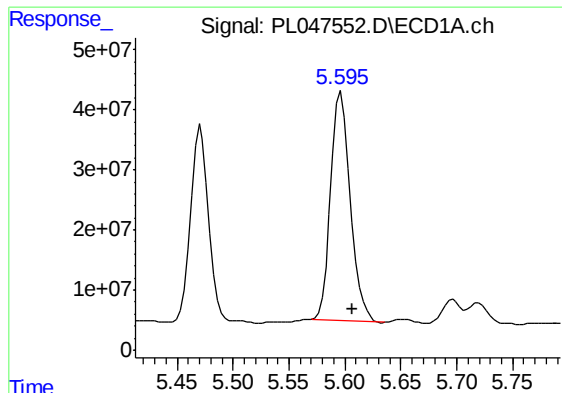
#12 4,4'-DDE

R.T.: 5.471 min
Delta R.T.: -0.010 min
Response: 358536539
Conc: 38.94 ng/ml



#12 4,4'-DDE

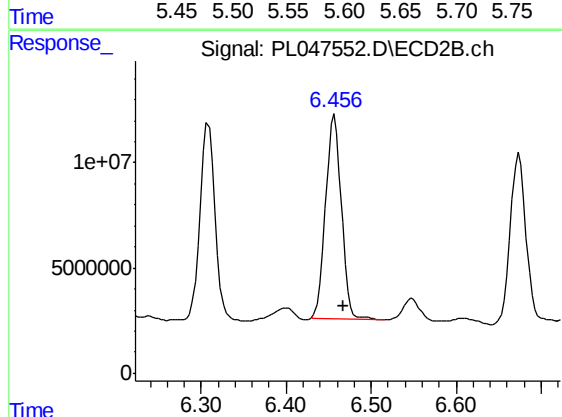
R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 115106160
Conc: 46.37 ng/ml



#13 Dielddrin

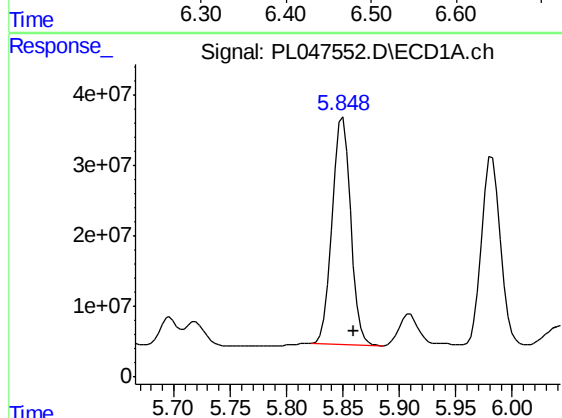
R.T.: 5.597 min
Delta R.T.: -0.009 min
Response: 462764233
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



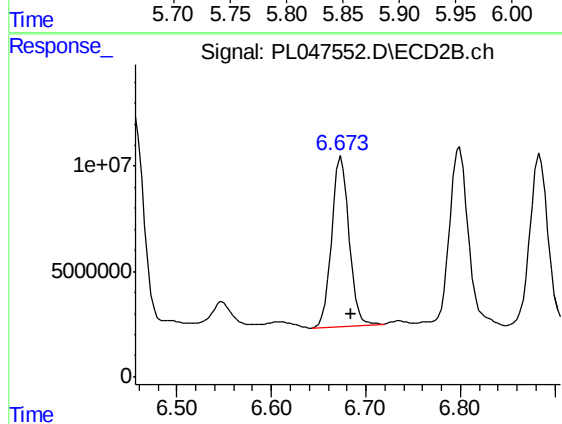
#13 Dielddrin

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 125121880
Conc: 46.16 ng/ml



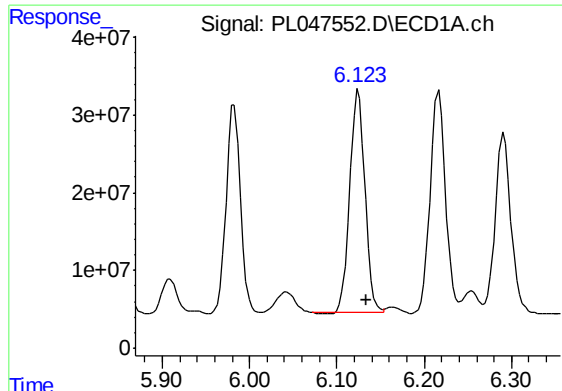
#14 Endrin

R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 372562414
Conc: 39.55 ng/ml



#14 Endrin

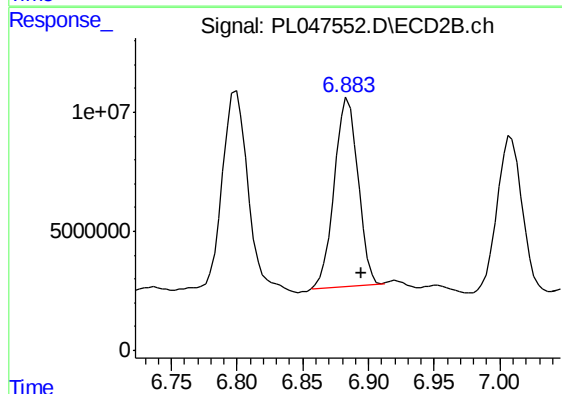
R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 104050323
Conc: 43.54 ng/ml



#15 Endosulfan II

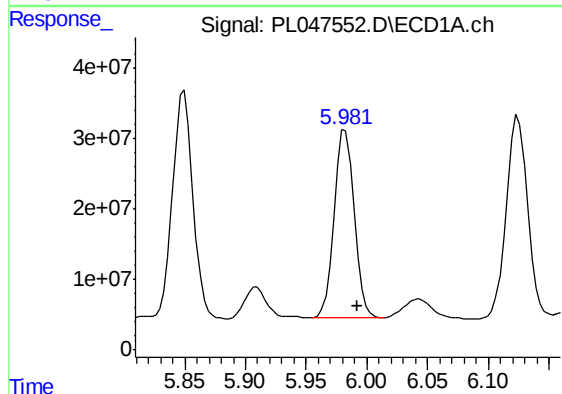
R.T.: 6.125 min
Delta R.T.: -0.009 min
Response: 346704862
Conc: 38.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



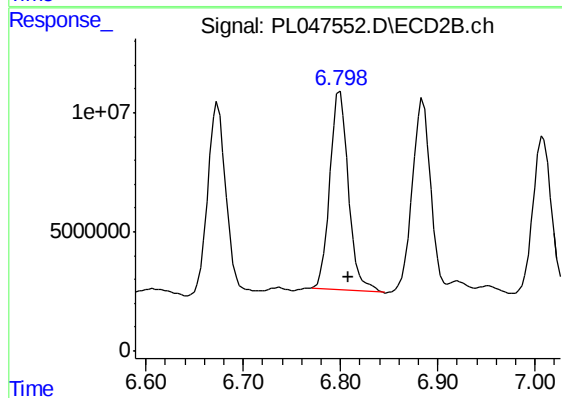
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 98740671
Conc: 40.92 ng/ml



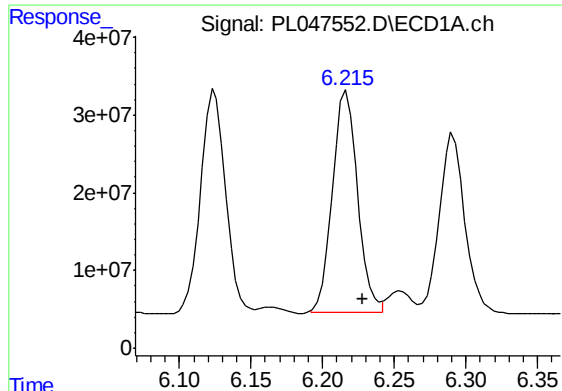
#16 4,4'-DDD

R.T.: 5.982 min
Delta R.T.: -0.010 min
Response: 307354041
Conc: 40.66 ng/ml



#16 4,4'-DDD

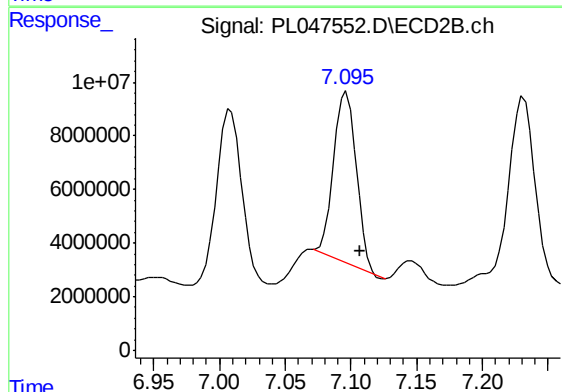
R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 111297864
Conc: 55.32 ng/ml



#17 4,4'-DDT

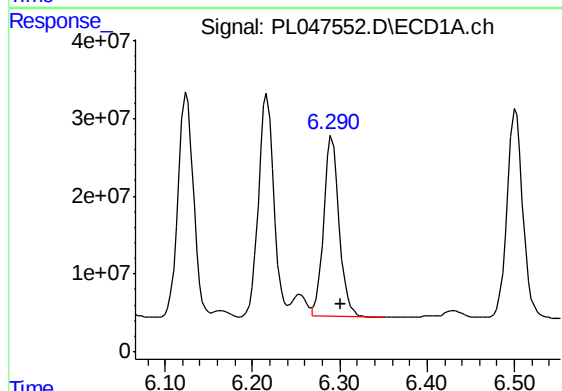
R.T.: 6.217 min
Delta R.T.: -0.011 min
Response: 347036139
Conc: 45.82 ng/ml

Instrument :
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ClientSampleId :
FK-GF-02-038-AMSD



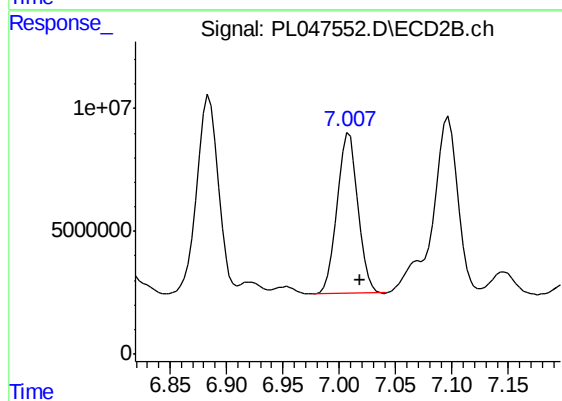
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 76785805
Conc: 36.62 ng/ml



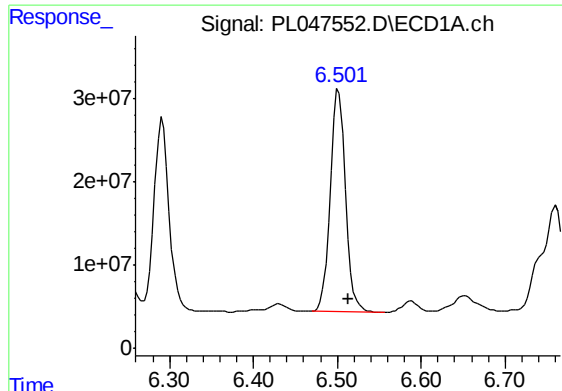
#18 Endrin aldehyde

R.T.: 6.291 min
Delta R.T.: -0.010 min
Response: 287175359
Conc: 38.31 ng/ml



#18 Endrin aldehyde

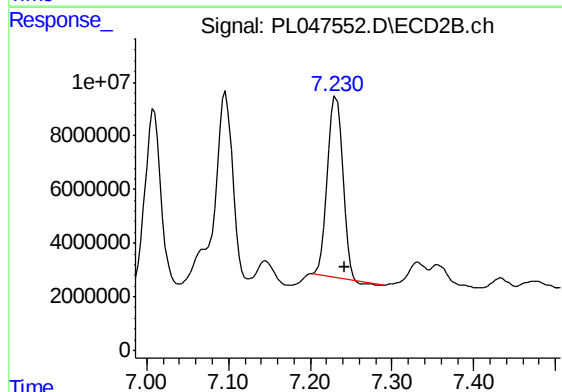
R.T.: 7.009 min
Delta R.T.: -0.010 min
Response: 86537764
Conc: 40.74 ng/ml



#19 Endosulfan Sulfate

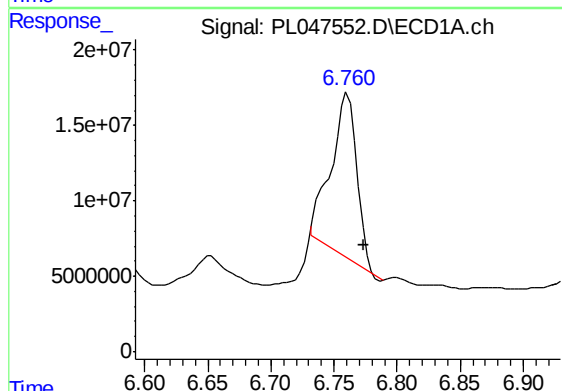
R.T.: 6.502 min
Delta R.T.: -0.011 min
Response: 338565008
Conc: 41.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



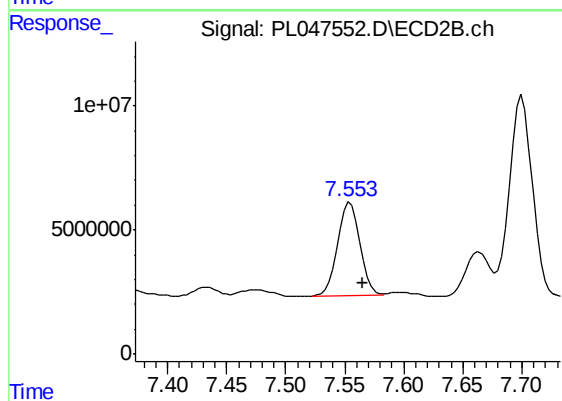
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 86893310
Conc: 36.83 ng/ml



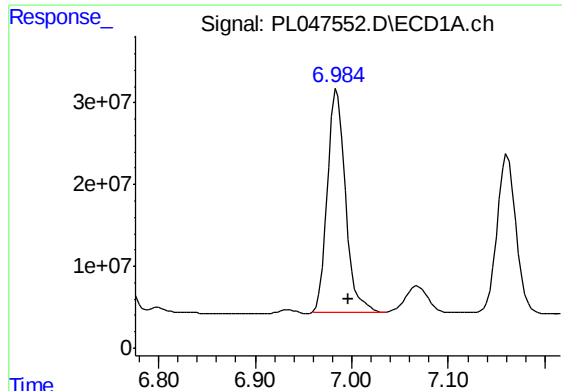
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.013 min
Response: 156627016
Conc: 36.85 ng/ml



#20 Methoxychlor

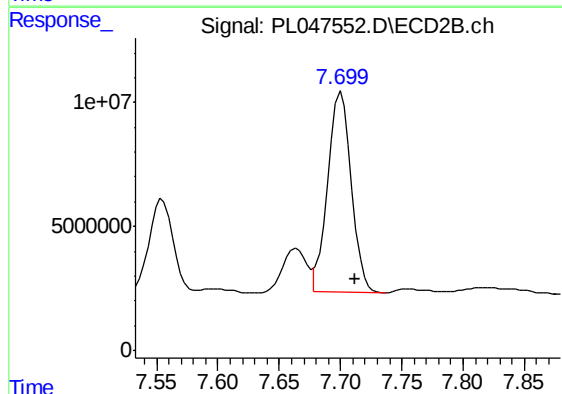
R.T.: 7.555 min
Delta R.T.: -0.011 min
Response: 50216469
Conc: 39.39 ng/ml



#21 Endrin ketone

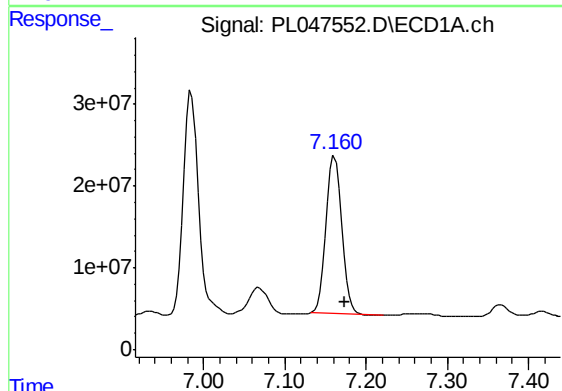
R.T.: 6.985 min
Delta R.T.: -0.011 min
Response: 349052533
Conc: 37.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



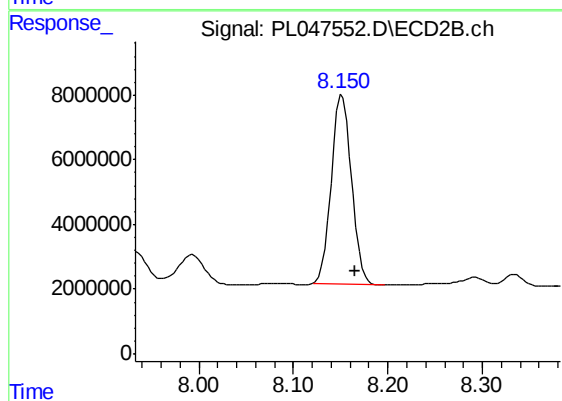
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.011 min
Response: 108551291
Conc: 43.69 ng/ml



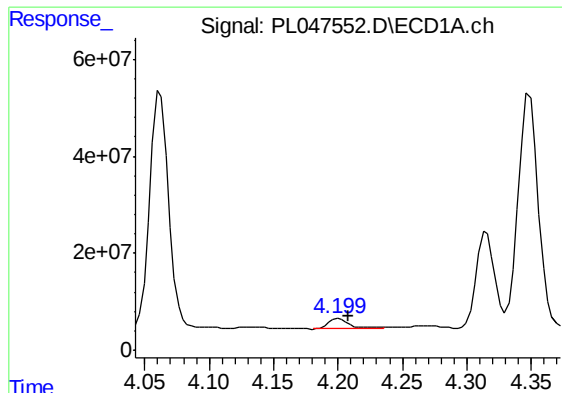
#22 Mirex

R.T.: 7.161 min
Delta R.T.: -0.012 min
Response: 259241097
Conc: 35.58 ng/ml



#22 Mirex

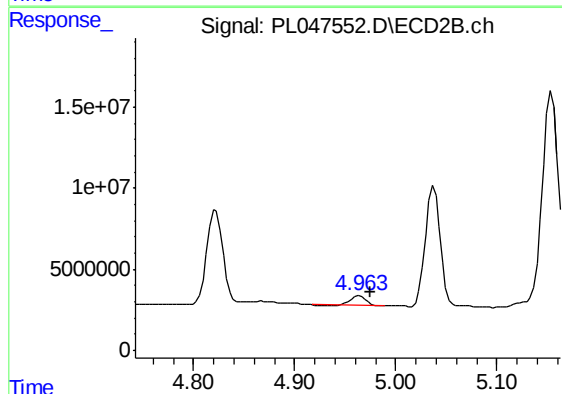
R.T.: 8.152 min
Delta R.T.: -0.013 min
Response: 87617536
Conc: 43.80 ng/ml



#23 Chlordane-1

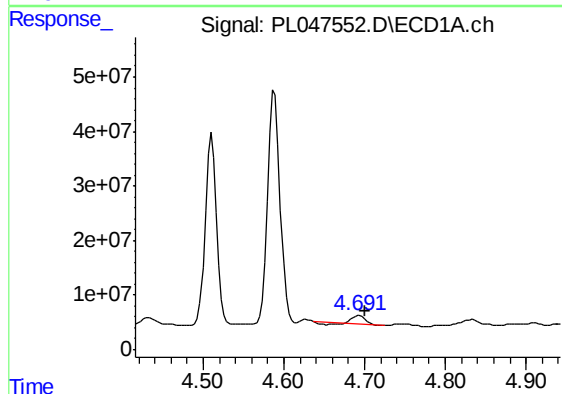
R.T.: 4.201 min
Delta R.T.: -0.008 min
Response: 23295956
Conc: 69.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



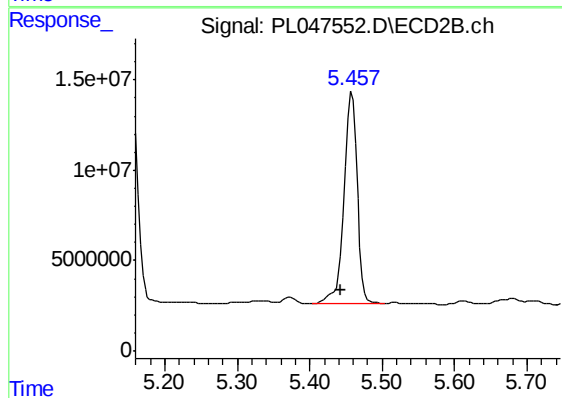
#23 Chlordane-1

R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 6745009
Conc: 62.33 ng/ml



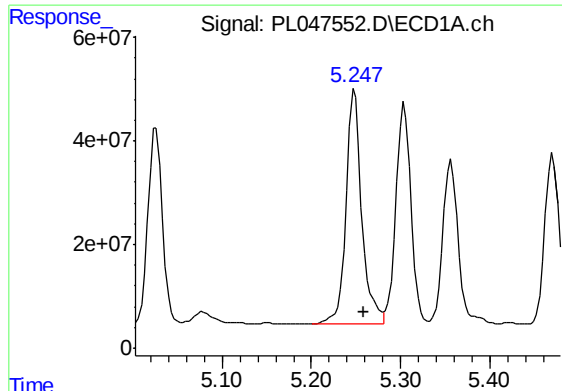
#24 Chlordane-2

R.T.: 4.693 min
Delta R.T.: -0.008 min
Response: 12856416
Conc: 33.88 ng/ml



#24 Chlordane-2

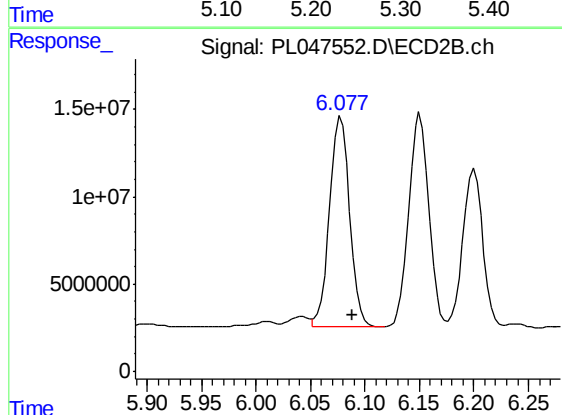
R.T.: 5.458 min
Delta R.T.: 0.015 min
Response: 146179377
Conc: 1251.44 ng/ml



#25 Chlordane-3

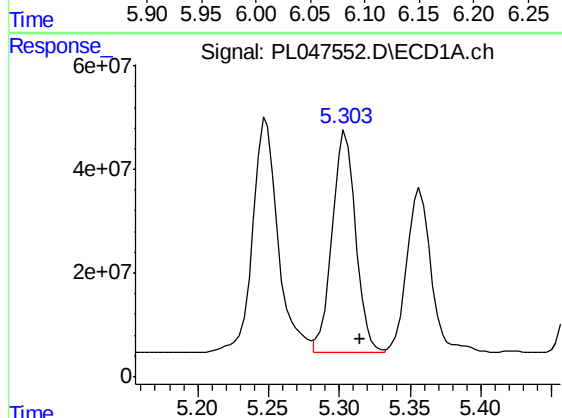
R.T.: 5.249 min
Delta R.T.: -0.010 min
Response: 562693810
Conc: 505.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



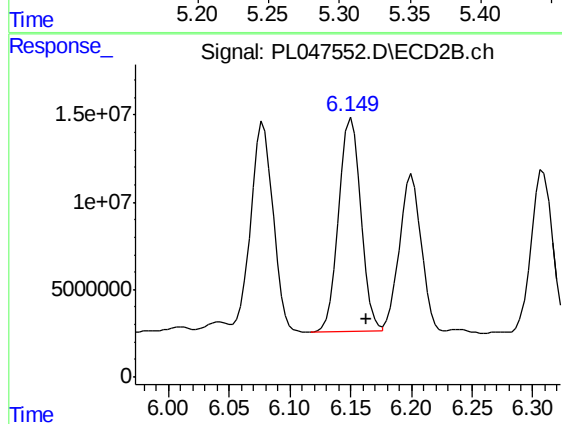
#25 Chlordane-3

R.T.: 6.078 min
Delta R.T.: -0.011 min
Response: 154936519
Conc: 406.37 ng/ml



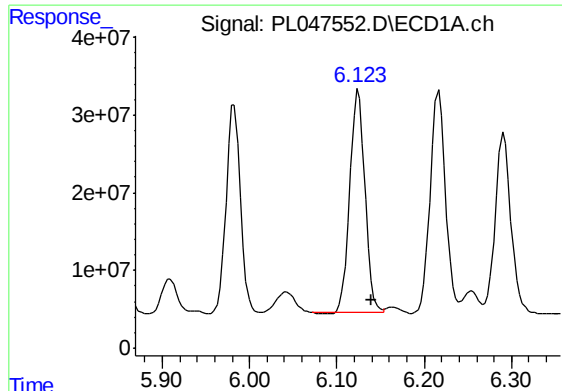
#26 Chlordane-4

R.T.: 5.304 min
Delta R.T.: -0.010 min
Response: 497784890
Conc: 481.39 ng/ml



#26 Chlordane-4

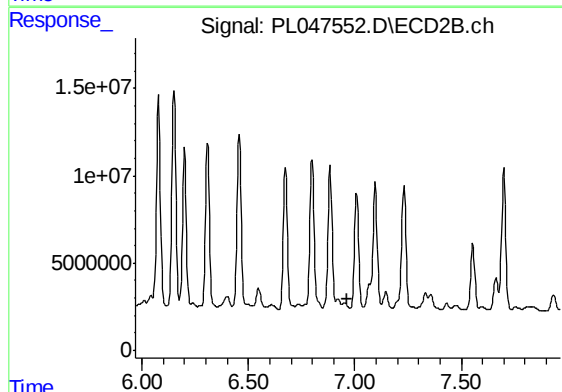
R.T.: 6.151 min
Delta R.T.: -0.013 min
Response: 155642121
Conc: 337.31 ng/ml



#27 Chlordane-5

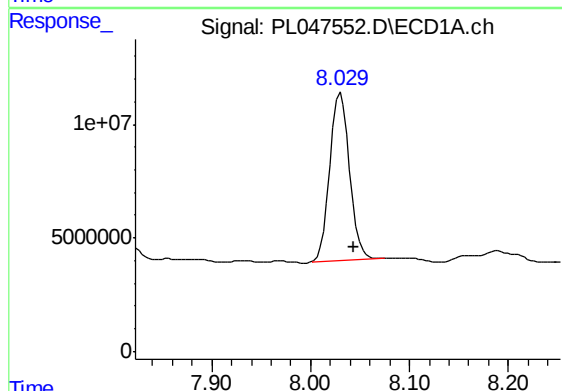
R.T.: 6.125 min
Delta R.T.: -0.015 min
Response: 346704862
Conc: 1015.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-GF-02-038-AMSD



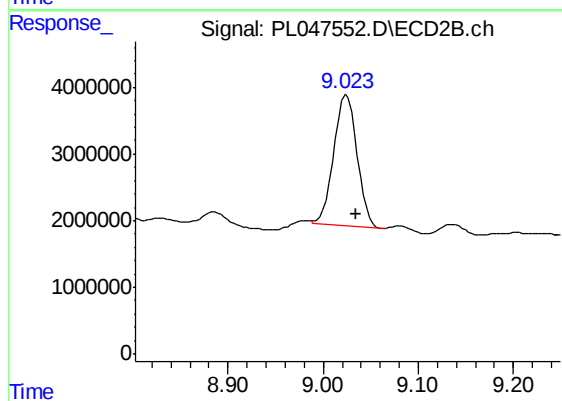
#27 Chlordane-5

R.T.: 6.953 min
Delta R.T.: -0.015 min
Response: -189722
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.030 min
Delta R.T.: -0.014 min
Response: 102705276
Conc: 12.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: -0.010 min
Response: 34108667
Conc: 14.71 ng/ml