

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062421\
 Data File : PL067787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2021 18:13
 Operator : AR\AJ
 Sample : 500 PPB PEST SPIKE
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 500 PPB PEST SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:24:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 02:00:12 2021
 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...	0.000	5.541	0	1762912	N.D.	1.870 #
28)	SA Decachlor...	10.238	0.000	345728	0	0.488	N.D. #
Target Compounds							
2)	A alpha-BHC	5.176	6.107	470.3E6	810.8E6	639.417	655.714
3)	MA gamma-BHC...	5.595	6.503	431.8E6	750.0E6	576.152	636.142
4)	MA Heptachlor	6.006	7.150	420.4E6	694.7E6	557.360	622.935
5)	MB Aldrin	6.327	7.520	410.7E6	669.4E6	558.136	618.436
6)	B beta-BHC	5.978	6.758	175.0E6	322.2E6	489.226	593.272
7)	B delta-BHC	6.235	7.024	429.0E6	726.6E6	580.778	618.134
8)	B Heptachlo...	6.900	7.985	374.8E6	589.8E6	535.717	588.711
9)	A Endosulfan I	7.299	8.390	358.9E6	544.0E6	533.803	595.776
10)	B gamma-Chl...	7.178	8.255	403.6E6	608.0E6	556.751	602.216
11)	B alpha-Chl...	7.247	8.335	389.2E6	582.0E6	531.663	576.489
12)	B 4,4'-DDE	7.465	8.524	390.2E6	579.6E6	586.458	639.749
13)	MA Dieldrin	7.584	8.679	397.5E6	583.8E6	567.085	642.815
14)	MA Endrin	7.870	8.918	354.9E6	471.9E6	541.262	616.915
15)	B Endosulfa...	8.181	9.152	334.6E6	480.6E6	543.375	602.797
16)	A 4,4'-DDD	8.047	9.063	324.9E6	464.5E6	558.957	653.130
17)	MA 4,4'-DDT	8.305	9.380	334.5E6	453.6E6	574.792	618.676
18)	B Endrin al...	8.368	9.286	284.9E6	403.6E6	562.721	632.027
19)	B Endosulfa...	8.600	9.524	337.2E6	468.3E6	531.223	589.685
20)	A Methoxychlor	8.900	9.866	162.2E6	209.6E6	456.253	539.079
21)	B Endrin ke...	9.110	10.021	399.2E6	533.1E6	524.268	588.116
22)	Mirex	9.297	10.485	380.6E6	481.1E6	604.296	636.335
24)	Chlordane-2	6.501	7.520f	427718	669.4E6	15.973	18365.785 #
25)	Chlordane-3	7.178	8.255	403.6E6	608.0E6	6007.517	4543.049
26)	Chlordane-4	7.247	8.335	389.2E6	582.0E6	5326.319	3590.569 #
27)	Chlordane-5	8.181	0.000	334.6E6	0	15295.364	N.D. #

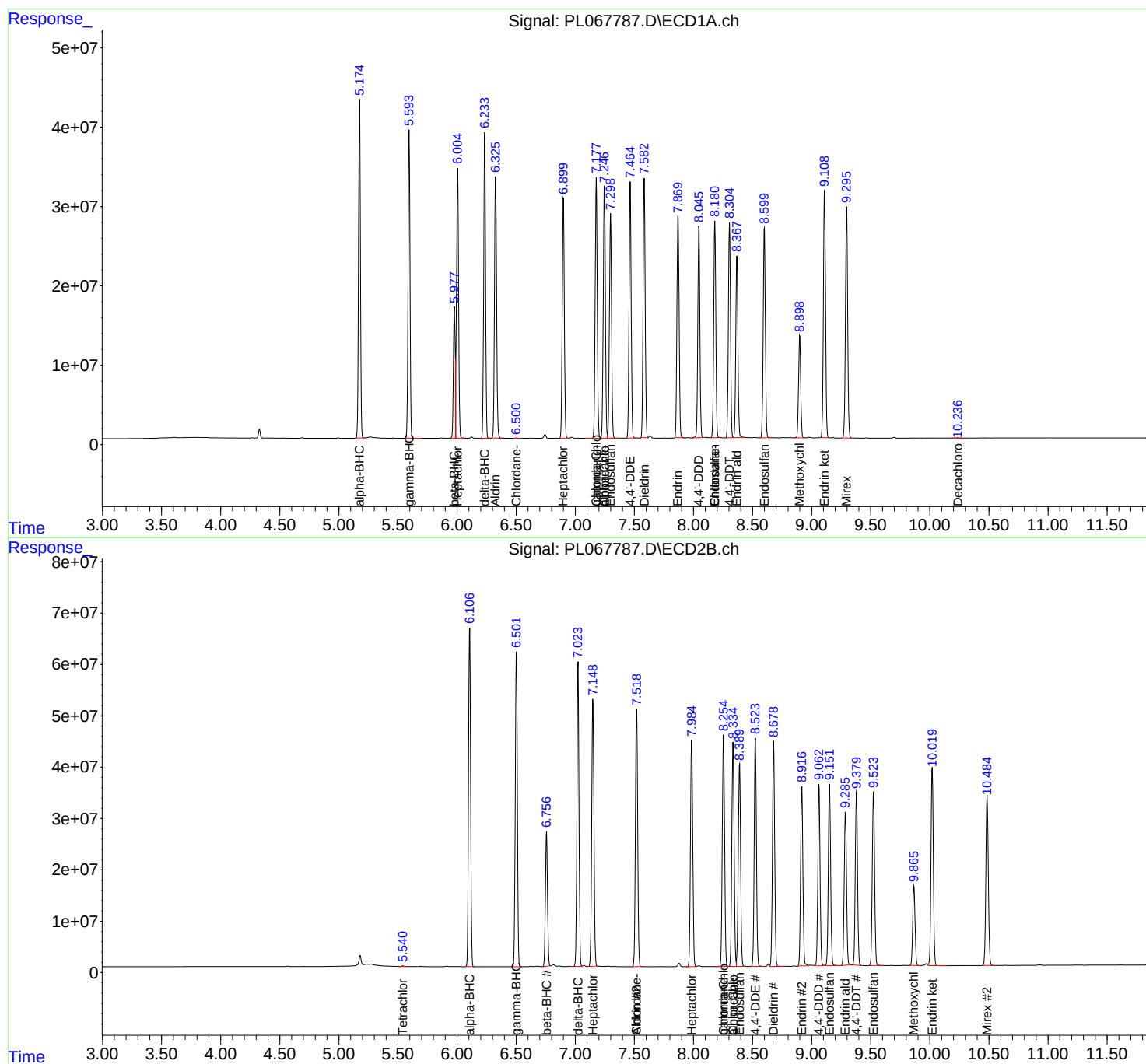
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

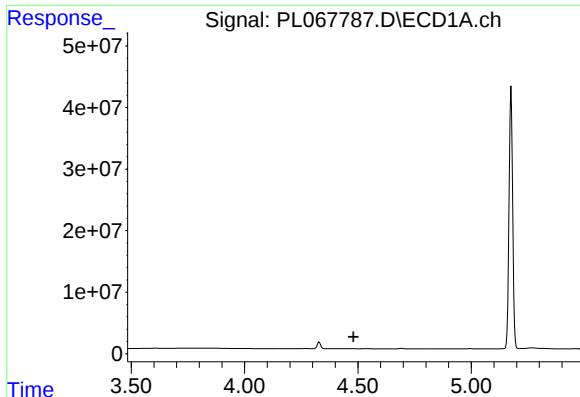
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062421\
Data File : PL067787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2021 18:13
Operator : AR\AJ
Sample : 500 PPB PEST SPIKE
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 01:24:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 02:00:12 2021
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

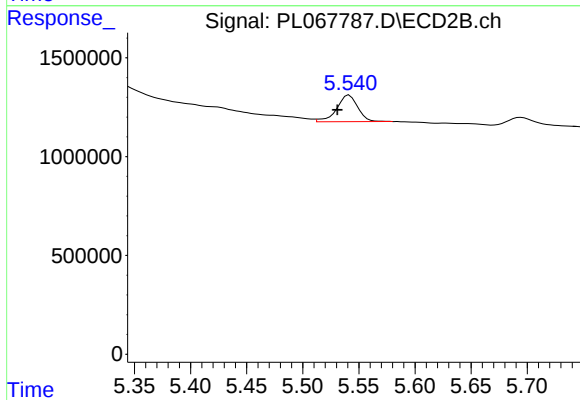




#1 Tetrachloro-m-xylene

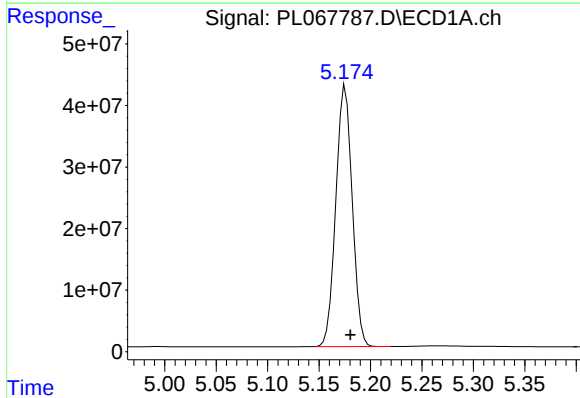
R.T.: 0.000 min
Exp R.T.: 4.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



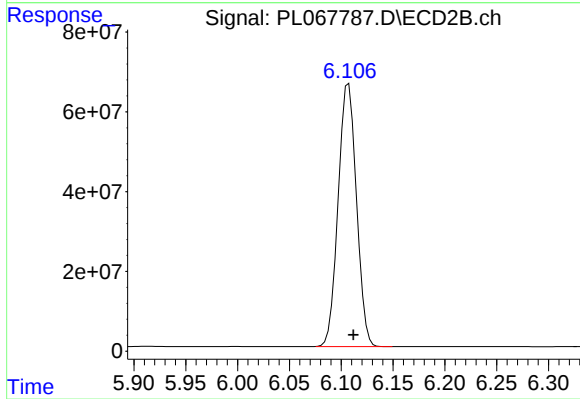
#1 Tetrachloro-m-xylene

R.T.: 5.541 min
Delta R.T.: 0.010 min
Response: 1762912
Conc: 1.87 ng/ml



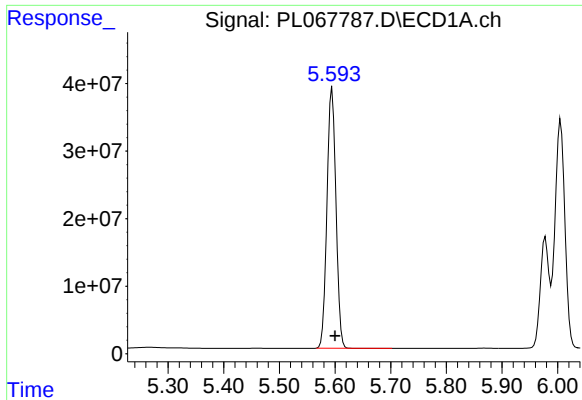
#2 alpha-BHC

R.T.: 5.176 min
Delta R.T.: -0.005 min
Response: 470291813
Conc: 639.42 ng/ml



#2 alpha-BHC

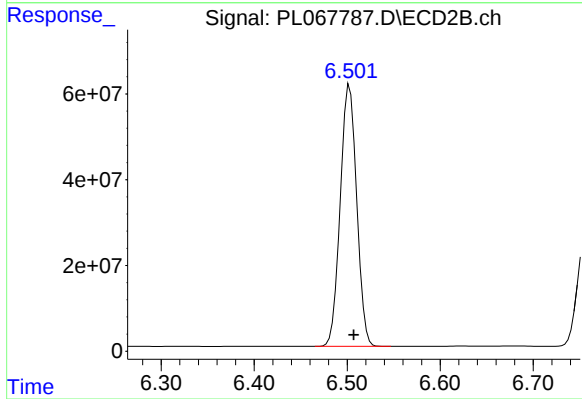
R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 810771760
Conc: 655.71 ng/ml



#3 gamma-BHC (Lindane)

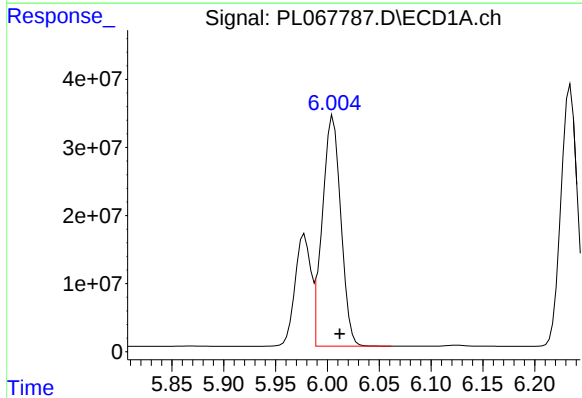
R.T.: 5.595 min
Delta R.T.: -0.006 min
Response: 431782494
Conc: 576.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



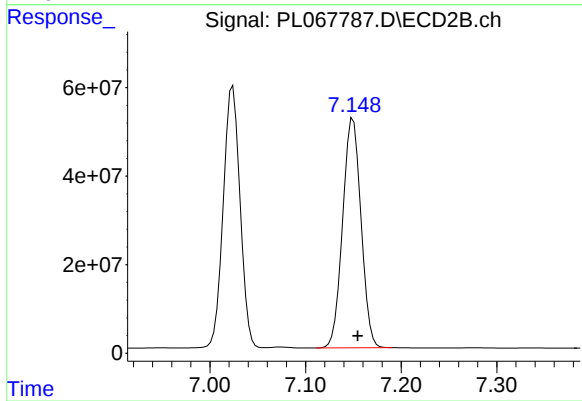
#3 gamma-BHC (Lindane)

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 749989840
Conc: 636.14 ng/ml



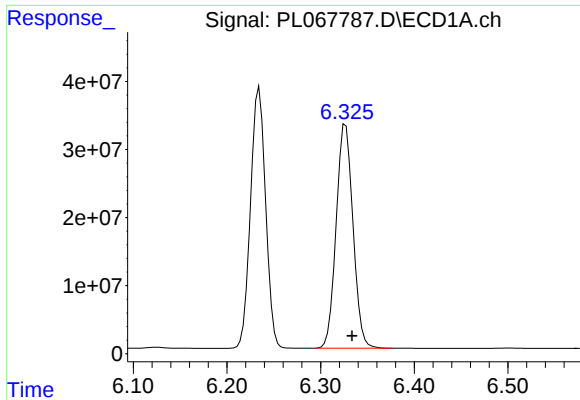
#4 Heptachlor

R.T.: 6.006 min
Delta R.T.: -0.006 min
Response: 420417897
Conc: 557.36 ng/ml



#4 Heptachlor

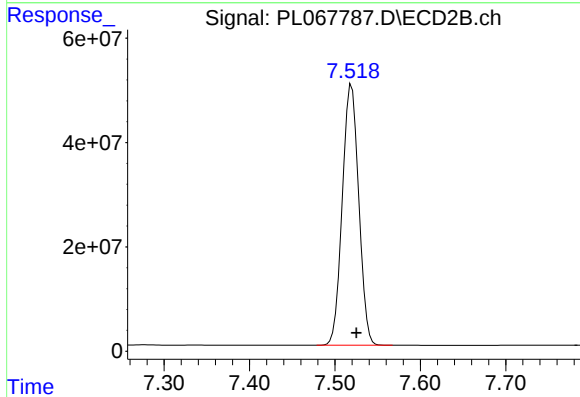
R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 694715473
Conc: 622.94 ng/ml



#5 Aldrin

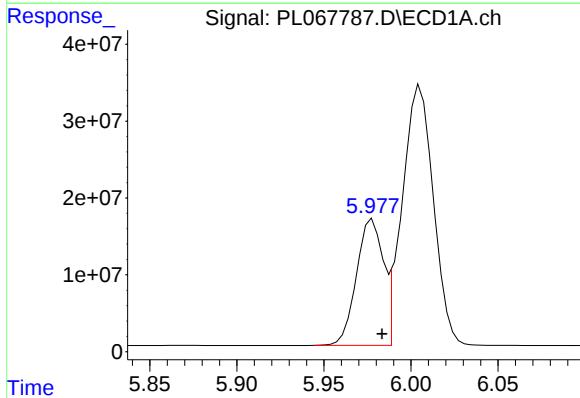
R.T.: 6.327 min
Delta R.T.: -0.007 min
Response: 410671127
Conc: 558.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



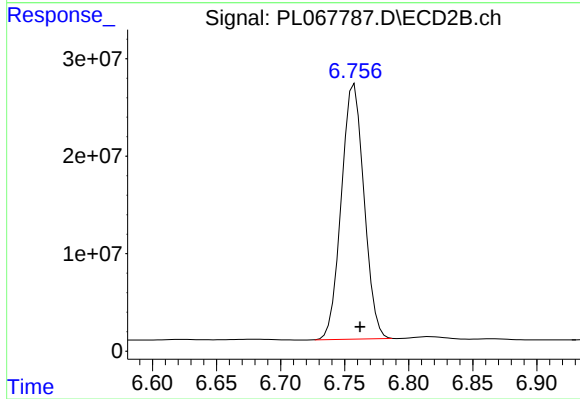
#5 Aldrin

R.T.: 7.520 min
Delta R.T.: -0.006 min
Response: 669362658
Conc: 618.44 ng/ml



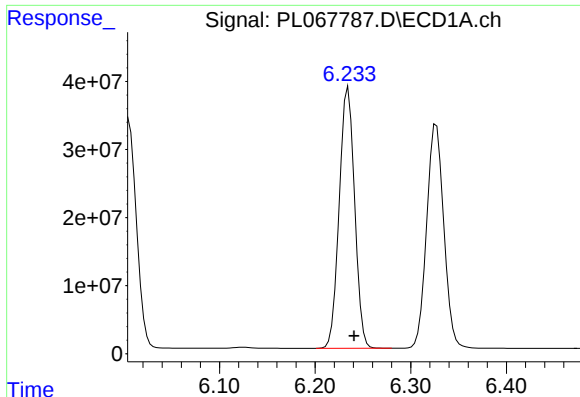
#6 beta-BHC

R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 175048569
Conc: 489.23 ng/ml



#6 beta-BHC

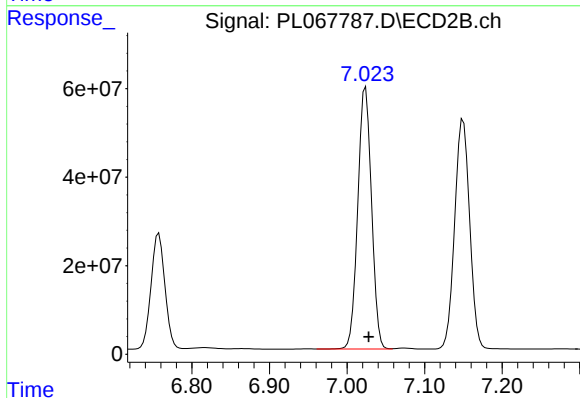
R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 322153596
Conc: 593.27 ng/ml



#7 delta-BHC

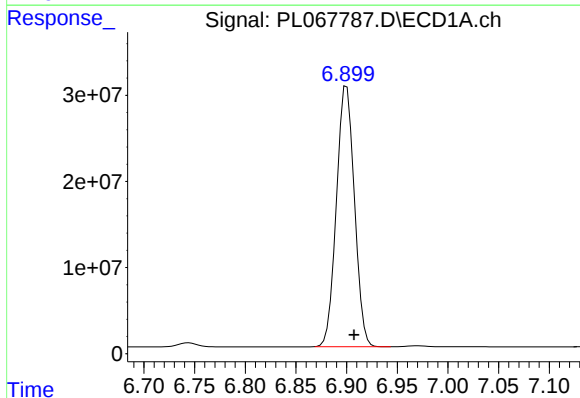
R.T.: 6.235 min
Delta R.T.: -0.006 min
Response: 428951454
Conc: 580.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



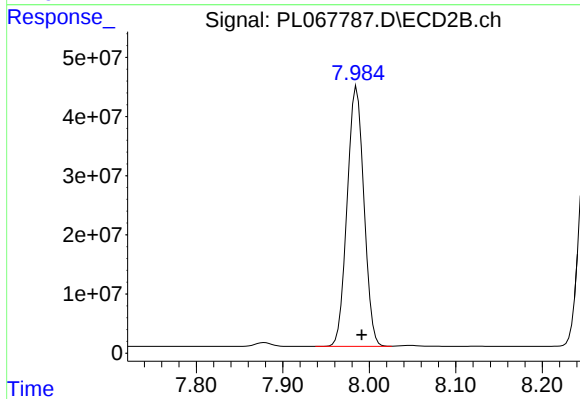
#7 delta-BHC

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 726624644
Conc: 618.13 ng/ml



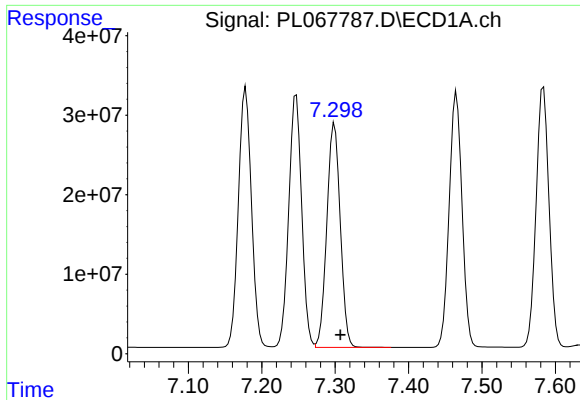
#8 Heptachlor epoxide

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 374821288
Conc: 535.72 ng/ml



#8 Heptachlor epoxide

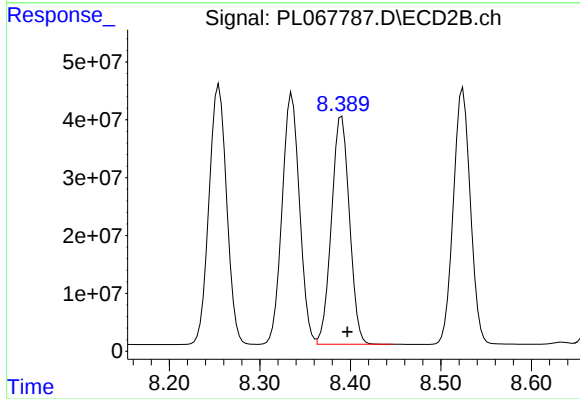
R.T.: 7.985 min
Delta R.T.: -0.006 min
Response: 589754975
Conc: 588.71 ng/ml



#9 Endosulfan I

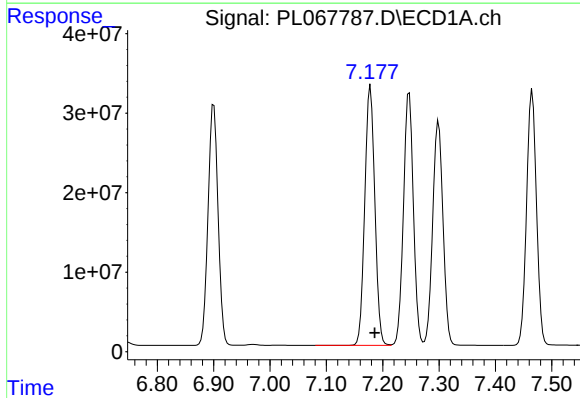
R.T.: 7.299 min
Delta R.T.: -0.008 min
Response: 358858463
Conc: 533.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



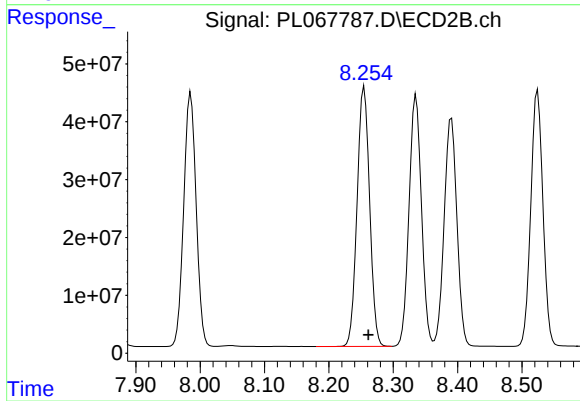
#9 Endosulfan I

R.T.: 8.390 min
Delta R.T.: -0.006 min
Response: 544022269
Conc: 595.78 ng/ml



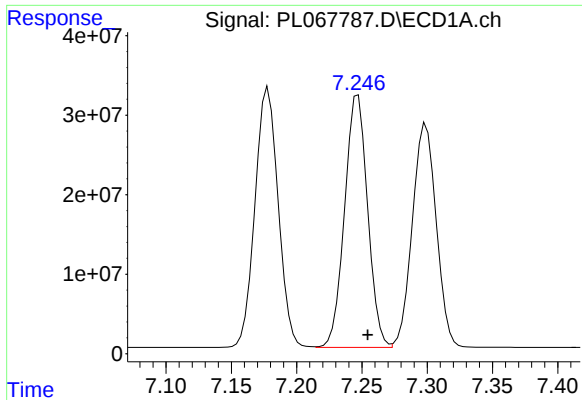
#10 gamma-Chlordane

R.T.: 7.178 min
Delta R.T.: -0.008 min
Response: 403648798
Conc: 556.75 ng/ml



#10 gamma-Chlordane

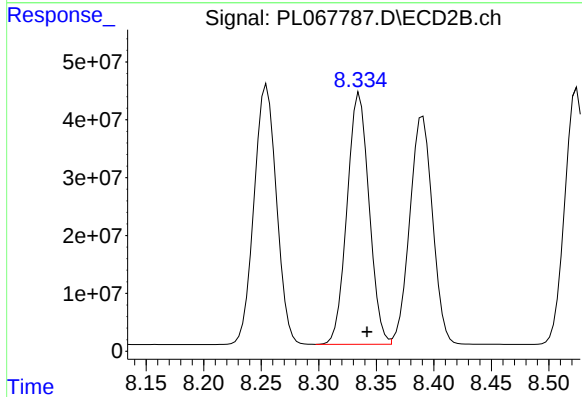
R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 608032300
Conc: 602.22 ng/ml



#11 alpha-Chlordane

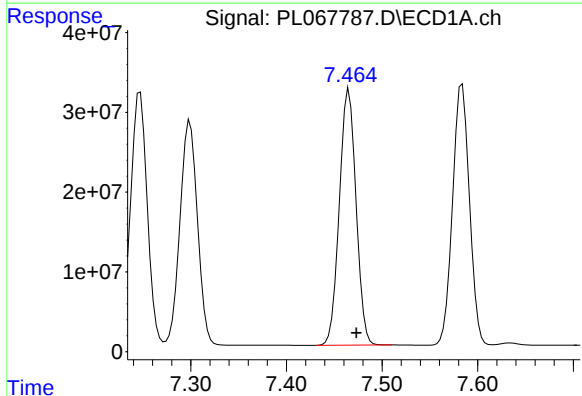
R.T.: 7.247 min
Delta R.T.: -0.007 min
Response: 389240268
Conc: 531.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



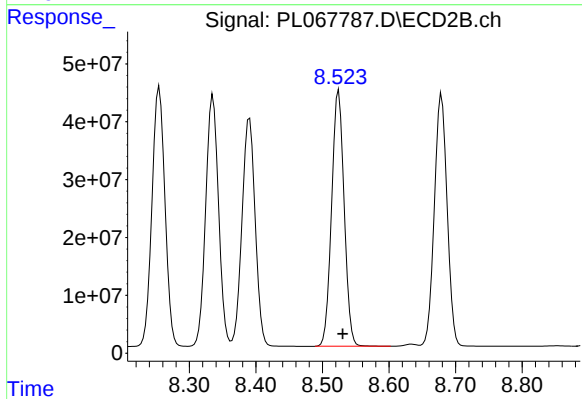
#11 alpha-Chlordane

R.T.: 8.335 min
Delta R.T.: -0.007 min
Response: 582032832
Conc: 576.49 ng/ml



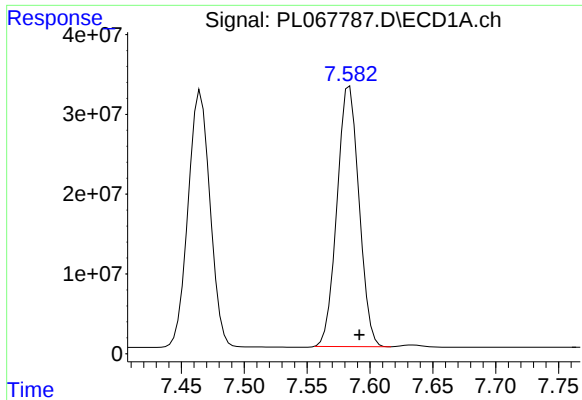
#12 4,4'-DDE

R.T.: 7.465 min
Delta R.T.: -0.008 min
Response: 390177145
Conc: 586.46 ng/ml



#12 4,4'-DDE

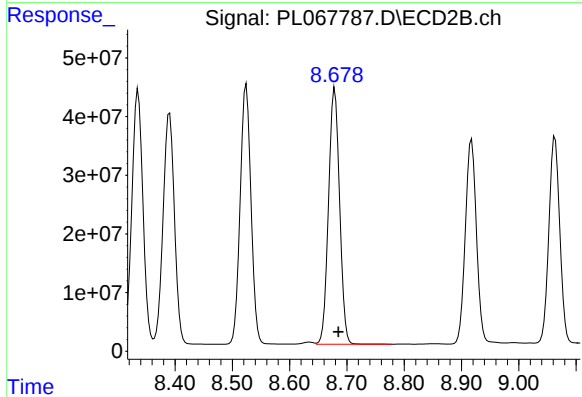
R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 579567530
Conc: 639.75 ng/ml



#13 Dieldrin

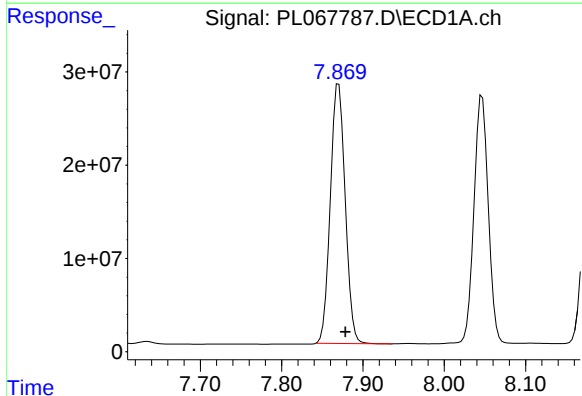
R.T.: 7.584 min
Delta R.T.: -0.008 min
Response: 397528452
Conc: 567.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



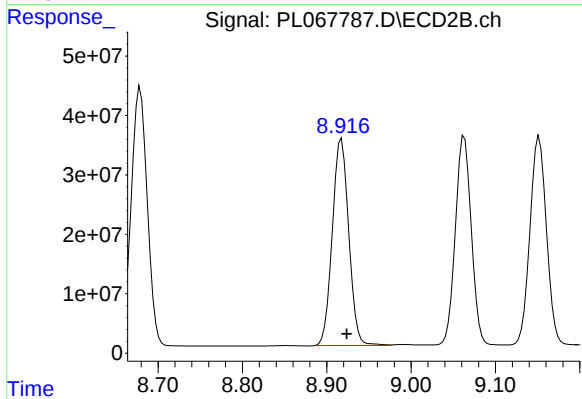
#13 Dieldrin

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 583823514
Conc: 642.82 ng/ml



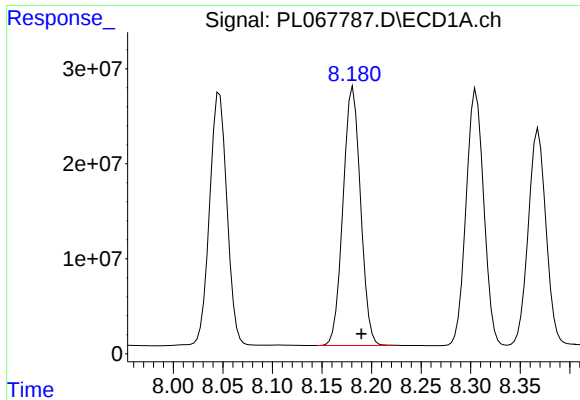
#14 Endrin

R.T.: 7.870 min
Delta R.T.: -0.008 min
Response: 354880722
Conc: 541.26 ng/ml



#14 Endrin

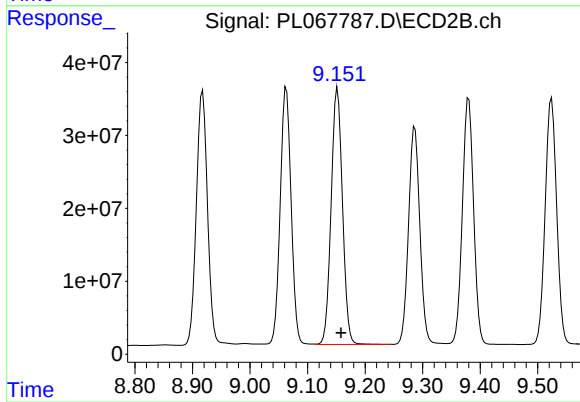
R.T.: 8.918 min
Delta R.T.: -0.006 min
Response: 471880105
Conc: 616.92 ng/ml



#15 Endosulfan II

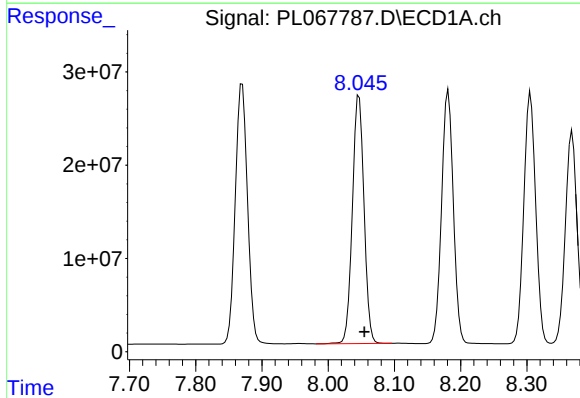
R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 334648459
Conc: 543.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



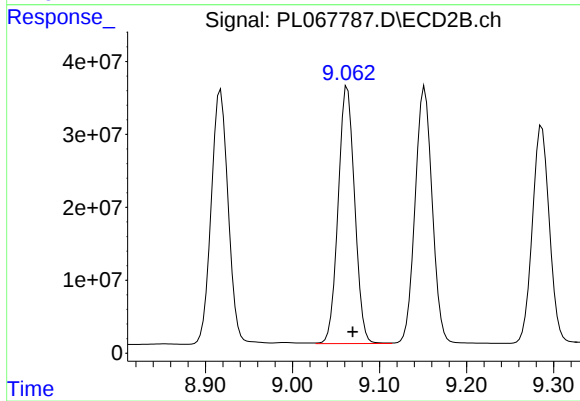
#15 Endosulfan II

R.T.: 9.152 min
Delta R.T.: -0.006 min
Response: 480608797
Conc: 602.80 ng/ml



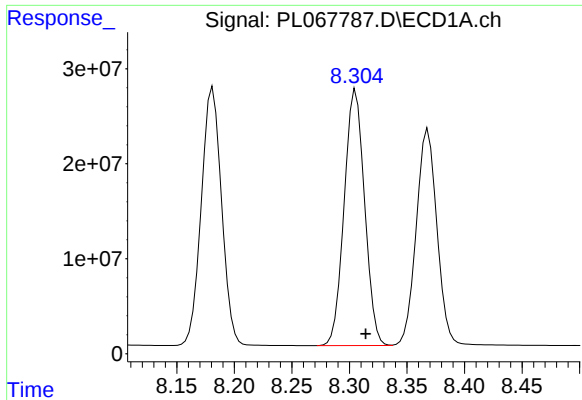
#16 4,4'-DDD

R.T.: 8.047 min
Delta R.T.: -0.008 min
Response: 324907622
Conc: 558.96 ng/ml



#16 4,4'-DDD

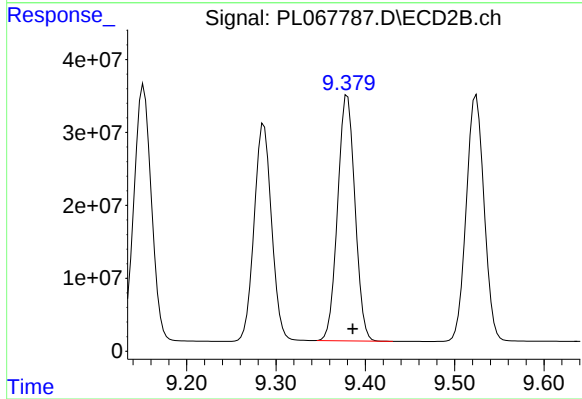
R.T.: 9.063 min
Delta R.T.: -0.006 min
Response: 464507122
Conc: 653.13 ng/ml



#17 4,4'-DDT

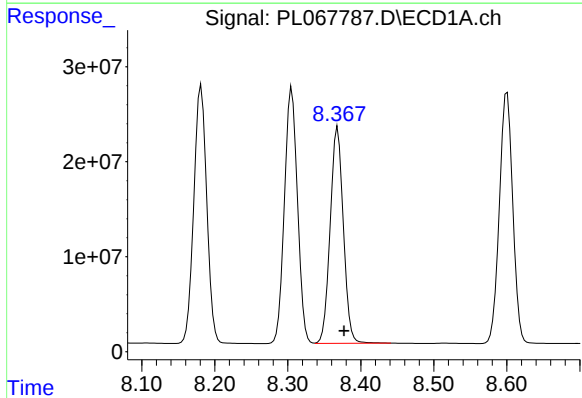
R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 334461143
Conc: 574.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



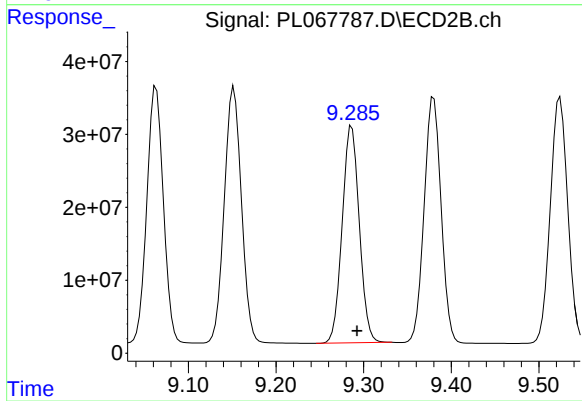
#17 4,4'-DDT

R.T.: 9.380 min
Delta R.T.: -0.006 min
Response: 453582938
Conc: 618.68 ng/ml



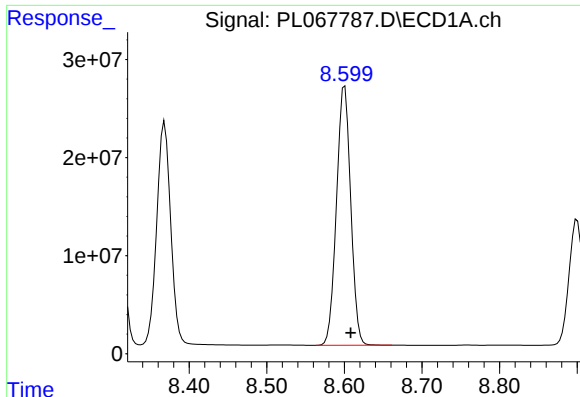
#18 Endrin aldehyde

R.T.: 8.368 min
Delta R.T.: -0.009 min
Response: 284891126
Conc: 562.72 ng/ml



#18 Endrin aldehyde

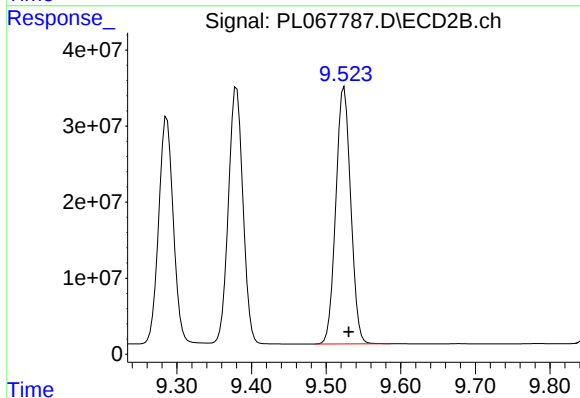
R.T.: 9.286 min
Delta R.T.: -0.006 min
Response: 403628692
Conc: 632.03 ng/ml



#19 Endosulfan Sulfate

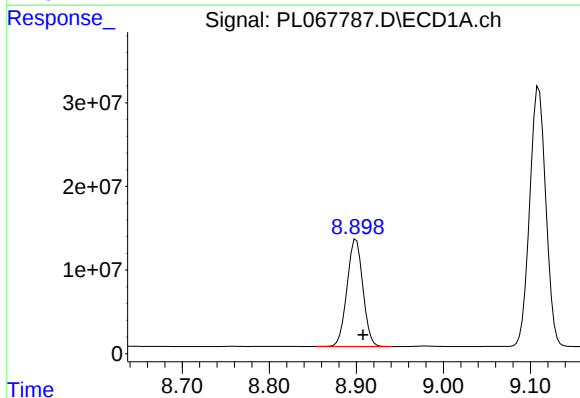
R.T.: 8.600 min
Delta R.T.: -0.008 min
Response: 337220636
Conc: 531.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



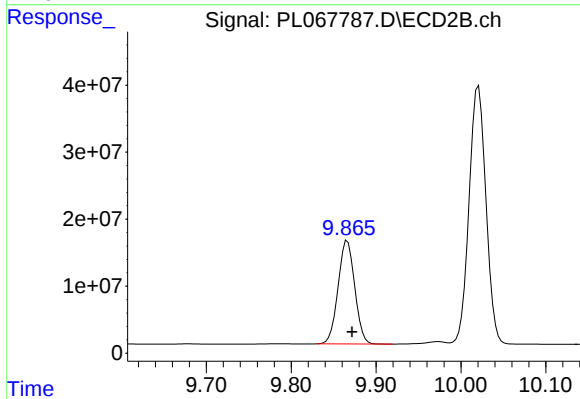
#19 Endosulfan Sulfate

R.T.: 9.524 min
Delta R.T.: -0.006 min
Response: 468312437
Conc: 589.68 ng/ml



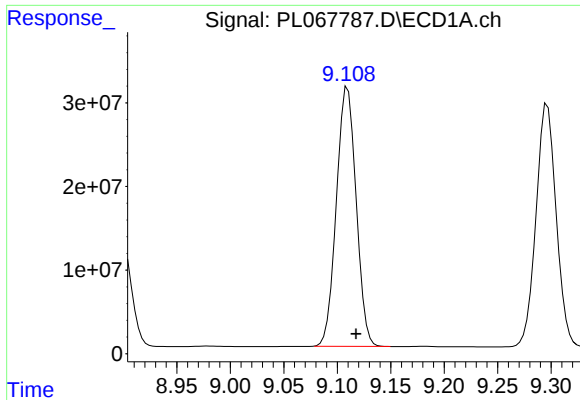
#20 Methoxychlor

R.T.: 8.900 min
Delta R.T.: -0.008 min
Response: 162184050
Conc: 456.25 ng/ml



#20 Methoxychlor

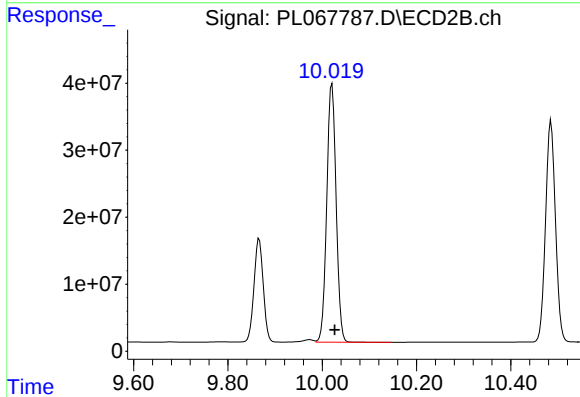
R.T.: 9.866 min
Delta R.T.: -0.005 min
Response: 209595258
Conc: 539.08 ng/ml



#21 Endrin ketone

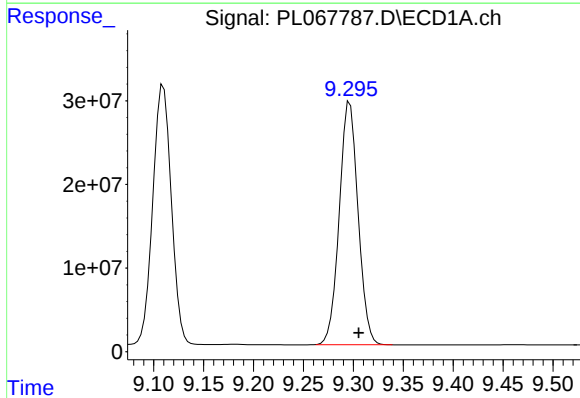
R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 399156133
Conc: 524.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



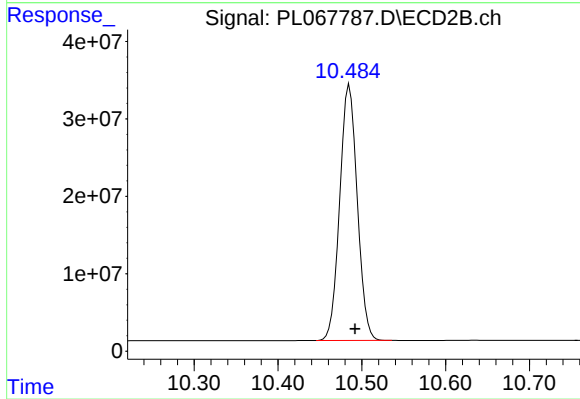
#21 Endrin ketone

R.T.: 10.021 min
Delta R.T.: -0.006 min
Response: 533053108
Conc: 588.12 ng/ml



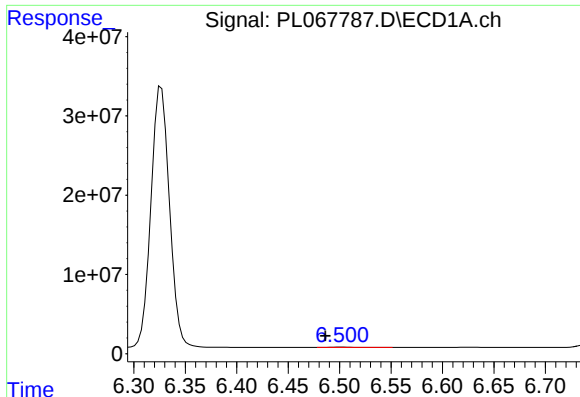
#22 Mirex

R.T.: 9.297 min
Delta R.T.: -0.009 min
Response: 380571974
Conc: 604.30 ng/ml



#22 Mirex

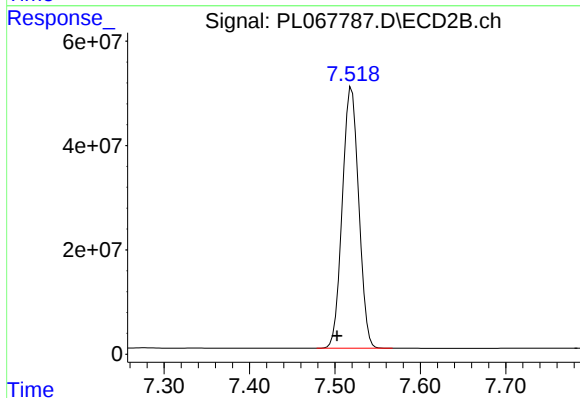
R.T.: 10.485 min
Delta R.T.: -0.007 min
Response: 481068844
Conc: 636.33 ng/ml



#24 Chlordane-2

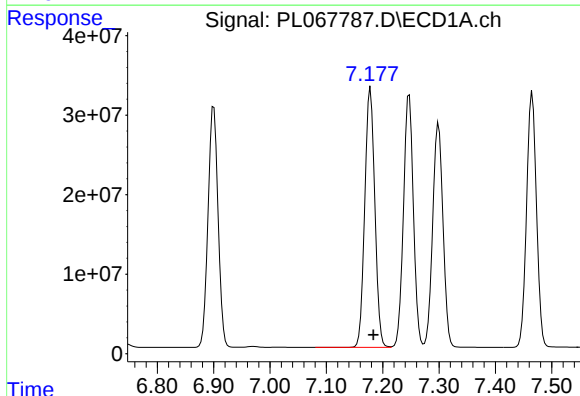
R.T.: 6.501 min
Delta R.T.: 0.015 min
Response: 427718
Conc: 15.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



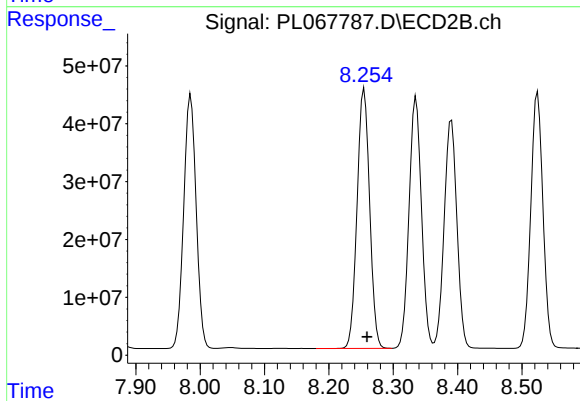
#24 Chlordane-2

R.T.: 7.520 min
Delta R.T.: 0.017 min
Response: 669362658
Conc: 18365.78 ng/ml



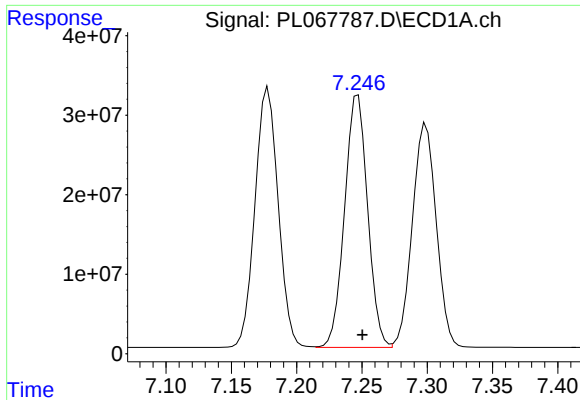
#25 Chlordane-3

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 403648798
Conc: 6007.52 ng/ml



#25 Chlordane-3

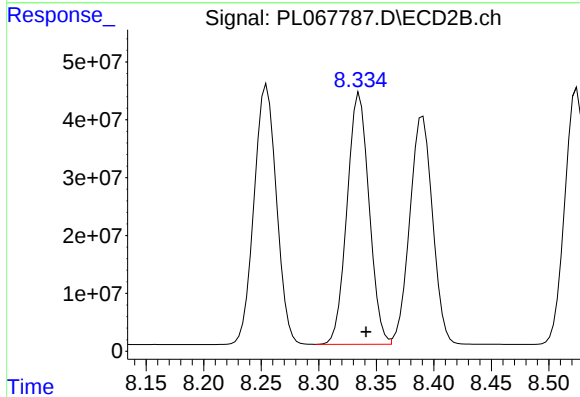
R.T.: 8.255 min
Delta R.T.: -0.004 min
Response: 608032300
Conc: 4543.05 ng/ml



#26 Chlordane-4

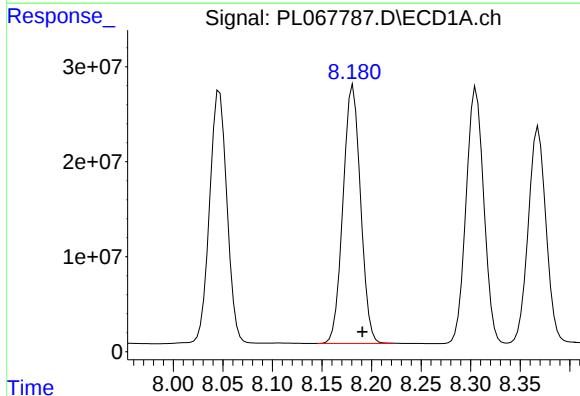
R.T.: 7.247 min
Delta R.T.: -0.003 min
Response: 389240268
Conc: 5326.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



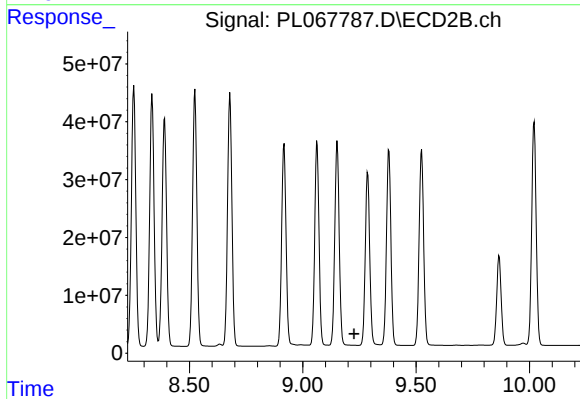
#26 Chlordane-4

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 582032832
Conc: 3590.57 ng/ml



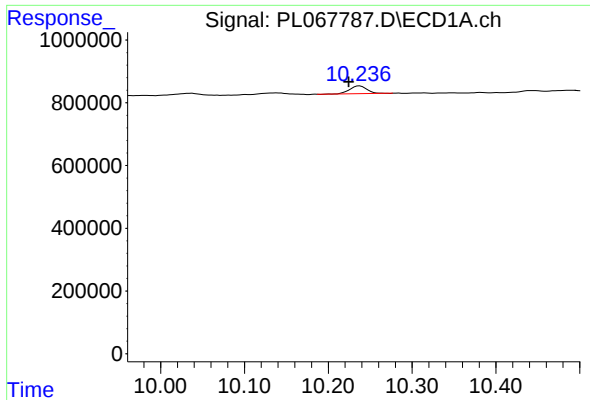
#27 Chlordane-5

R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 334648459
Conc: 15295.36 ng/ml



#27 Chlordane-5

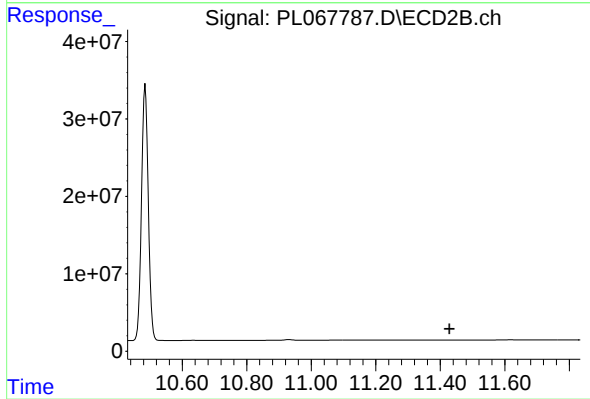
R.T.: 0.000 min
Exp R.T.: 9.227 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: 0.013 min
Response: 345728
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
500 PPB PEST SPIKE



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 11.429 min
Response: 0
Conc: N.D.