

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043019\
 Data File : PL048074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2019 11:25
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

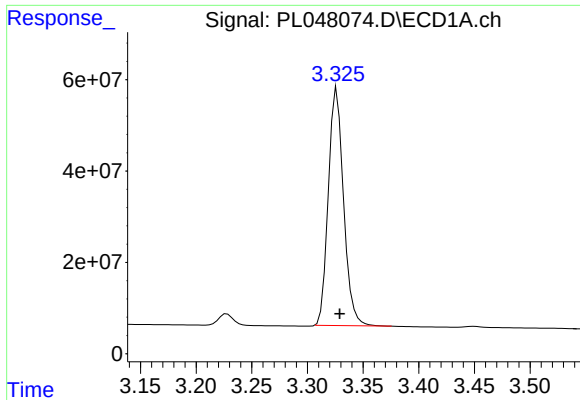
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 11:43:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.327	3.939	494.0E6	125.3E6	53.417	52.469
28)	SA Decachlor...	7.993	8.973	421.9E6	116.6E6	37.692	40.852
Target Compounds							
2)	A alpha-BHC	3.754	4.328	816.5E6	178.7E6	55.853	53.852
3)	MA gamma-BHC...	4.030	4.611	730.3E6	165.8E6	55.095	52.862
4)	MA Heptachlor	4.315	5.114	768.1E6	169.1E6	53.910	50.319
5)	MB Aldrin	4.554	5.417	709.7E6	152.6E6	50.965	48.886
6)	B beta-BHC	4.284	4.785	303.2E6	77417444	53.666	53.731
7)	B delta-BHC	4.478	4.999	734.9E6	134.2E6	56.575	53.398
8)	B Heptachlo...	4.990	5.803	664.1E6	135.1E6	51.824	48.339
9)	A Endosulfan I	5.321	6.158	630.4E6	131.7E6	52.131	46.889
10)	B gamma-Chl...	5.213	6.037	697.0E6	143.7E6	52.357	47.467
11)	B alpha-Chl...	5.269	6.109	681.3E6	143.2E6	52.213	47.329
12)	B 4,4'-DDE	5.437	6.268	661.7E6	130.5E6	53.194	47.244
13)	MA Dieldrin	5.560	6.414	676.9E6	135.0E6	52.139	46.174
14)	MA Endrin	5.812	6.631	611.5E6	118.4E6	51.455	46.346
15)	B Endosulfa...	6.086	6.842	519.3E6	119.2E6	46.378	45.440
16)	A 4,4'-DDD	5.947	6.758	483.5E6	103.3E6	49.174	46.016
17)	MA 4,4'-DDT	6.180	7.055	499.9E6	104.8E6	50.140	43.991
18)	B Endrin al...	6.253	6.966	440.1E6	101.2E6	46.647	43.793
19)	B Endosulfa...	6.465	7.188	471.5E6	110.2E6	42.303	40.235
20)	A Methoxychlor	6.726	7.515	242.5E6	60448270	45.596	43.111
21)	B Endrin ke...	6.946	7.657	489.8E6	114.8E6	41.302	40.828
22)	Mirex	7.121	8.107	354.2E6	89742063	37.739	38.568
23)	Chlordane-1	0.000	4.999	0	134.2E6	N.D.	523.614 #
24)	Chlordane-2	0.000	5.417	0	152.6E6	N.D.	490.302 #
25)	Chlordane-3	5.269	6.109	681.3E6	143.2E6	516.785	483.383
26)	Chlordane-4	5.321	6.158	630.4E6	131.7E6	513.065	478.089
27)	Chlordane-5	6.086	6.966	519.3E6	101.2E6	1224.748	448.959 #

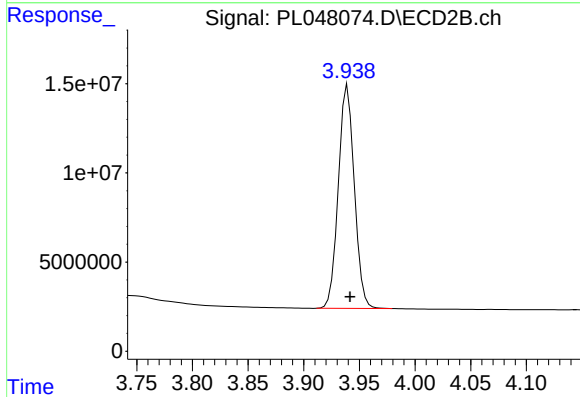
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

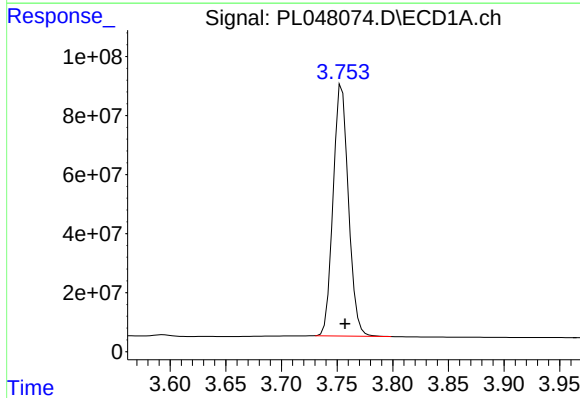
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 494018929
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



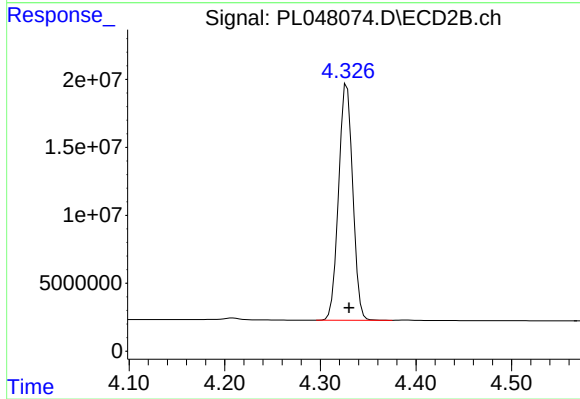
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: -0.002 min
Response: 125258042
Conc: 52.47 ng/ml



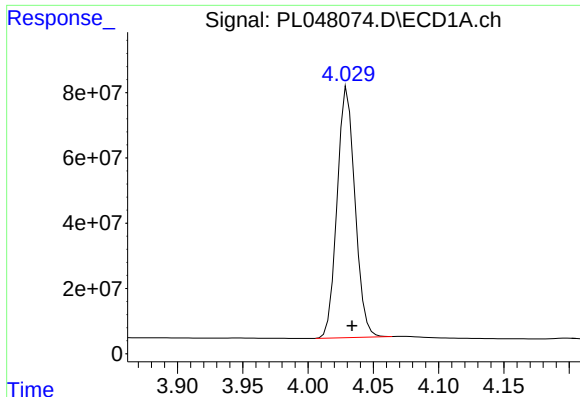
#2 alpha-BHC

R.T.: 3.754 min
Delta R.T.: -0.003 min
Response: 816477345
Conc: 55.85 ng/ml



#2 alpha-BHC

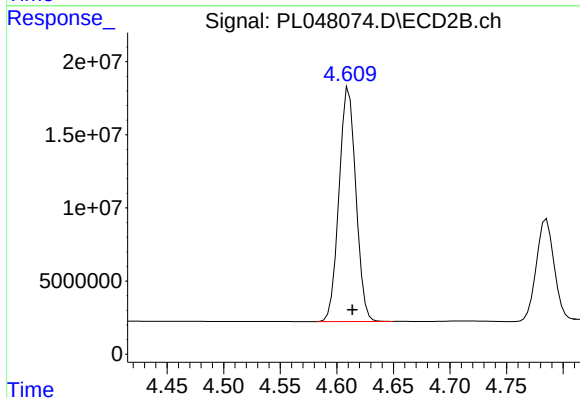
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 178721044
Conc: 53.85 ng/ml



#3 gamma-BHC (Lindane)

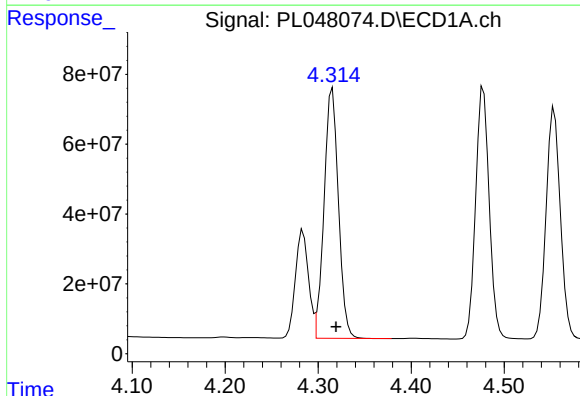
R.T.: 4.030 min
Delta R.T.: -0.003 min
Response: 730263887
Conc: 55.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



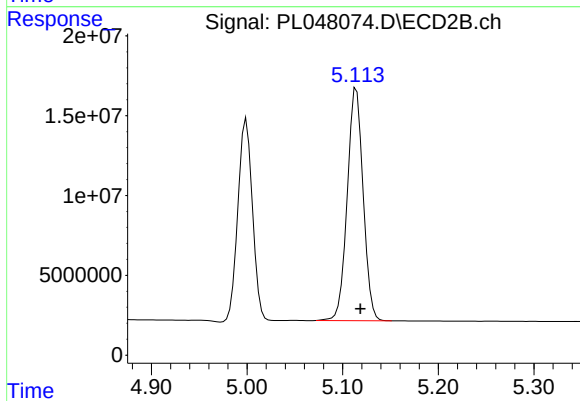
#3 gamma-BHC (Lindane)

R.T.: 4.611 min
Delta R.T.: -0.003 min
Response: 165799118
Conc: 52.86 ng/ml



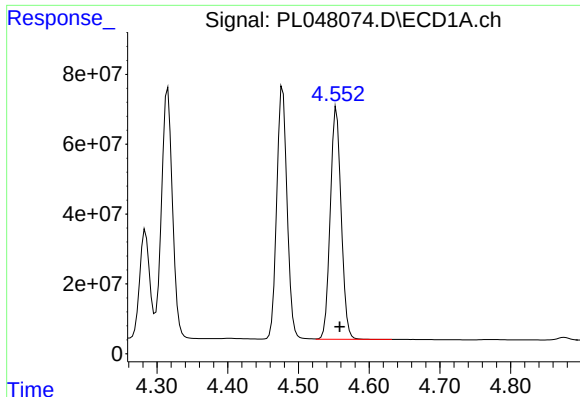
#4 Heptachlor

R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 768116287
Conc: 53.91 ng/ml



#4 Heptachlor

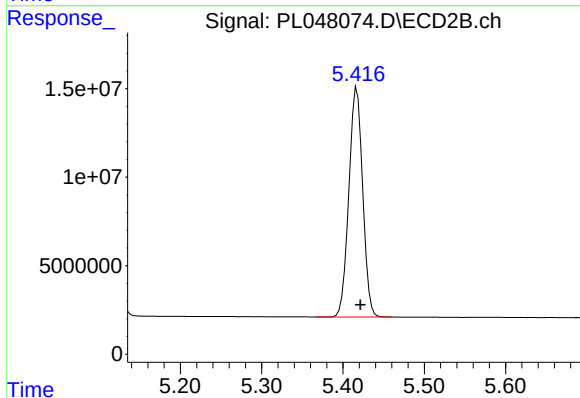
R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 169112224
Conc: 50.32 ng/ml



#5 Aldrin

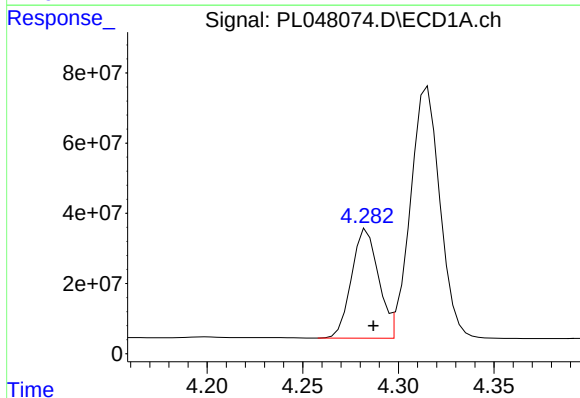
R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 709720066
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



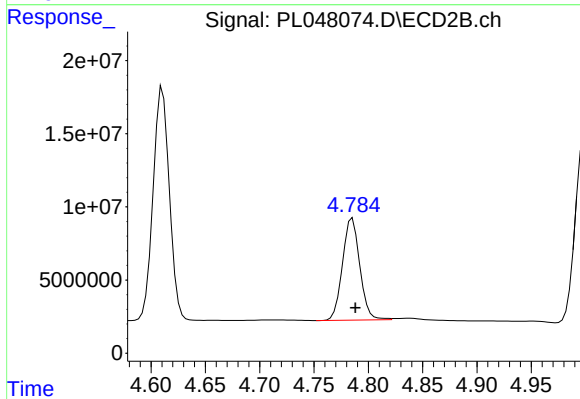
#5 Aldrin

R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 152571898
Conc: 48.89 ng/ml



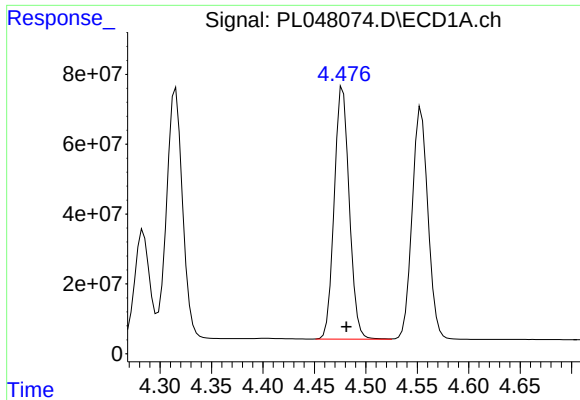
#6 beta-BHC

R.T.: 4.284 min
Delta R.T.: -0.003 min
Response: 303215963
Conc: 53.67 ng/ml



#6 beta-BHC

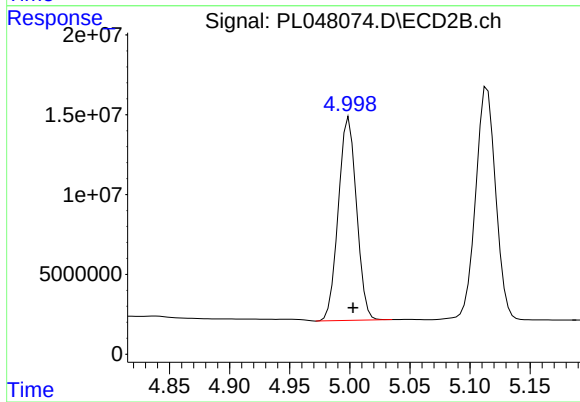
R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 77417444
Conc: 53.73 ng/ml



#7 delta-BHC

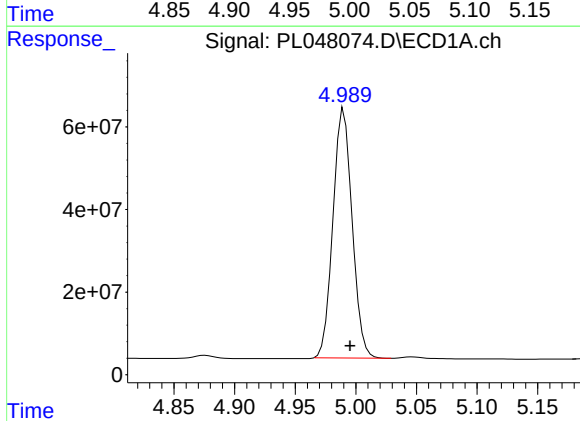
R.T.: 4.478 min
Delta R.T.: -0.004 min
Response: 734945759
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



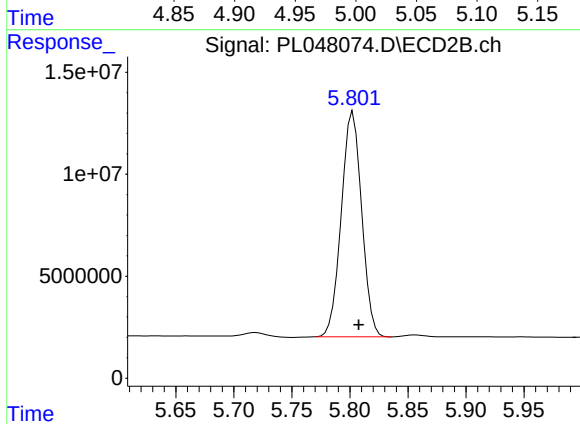
#7 delta-BHC

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 134152001
Conc: 53.40 ng/ml



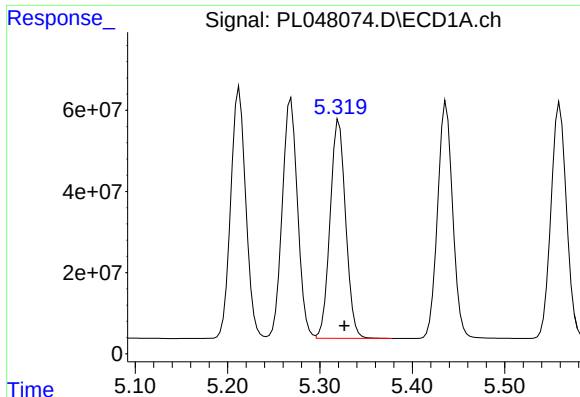
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: -0.005 min
Response: 664124521
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

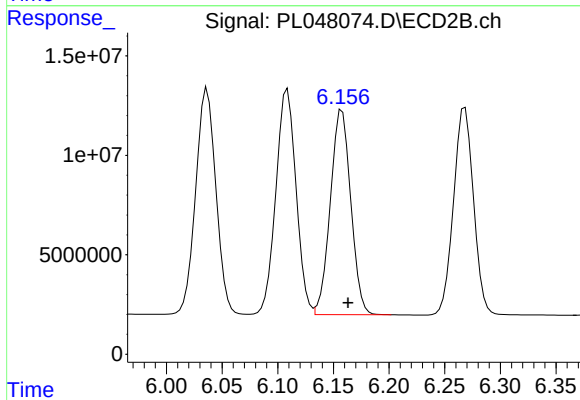
R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 135094931
Conc: 48.34 ng/ml



#9 Endosulfan I

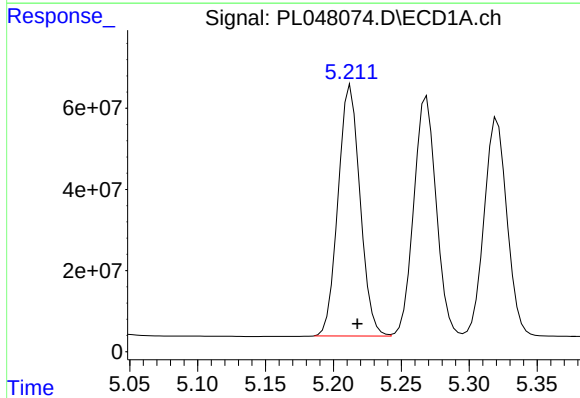
R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 630423810
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



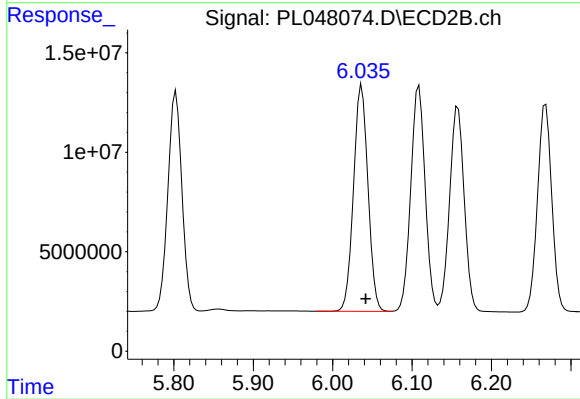
#9 Endosulfan I

R.T.: 6.158 min
Delta R.T.: -0.005 min
Response: 131664385
Conc: 46.89 ng/ml



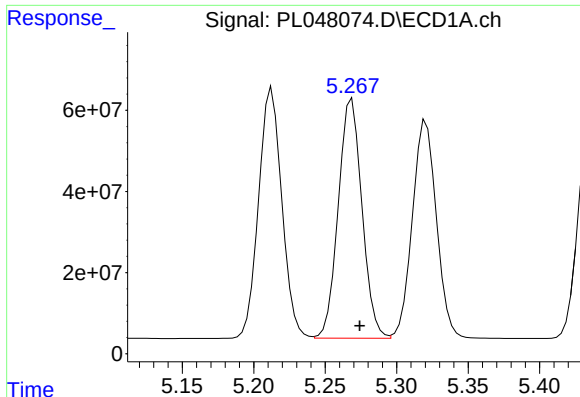
#10 gamma-Chlordane

R.T.: 5.213 min
Delta R.T.: -0.005 min
Response: 697047686
Conc: 52.36 ng/ml



#10 gamma-Chlordane

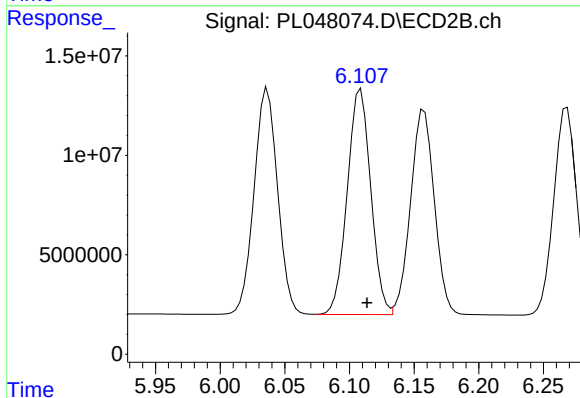
R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 143650582
Conc: 47.47 ng/ml



#11 alpha-Chlordane

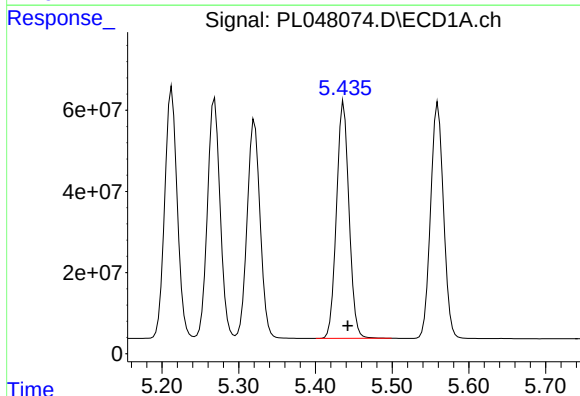
R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 681314956
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



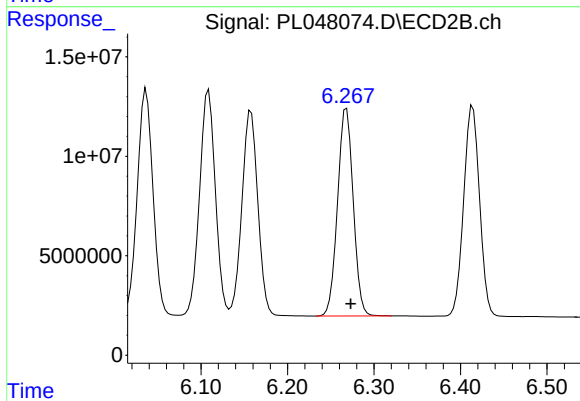
#11 alpha-Chlordane

R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 143190816
Conc: 47.33 ng/ml



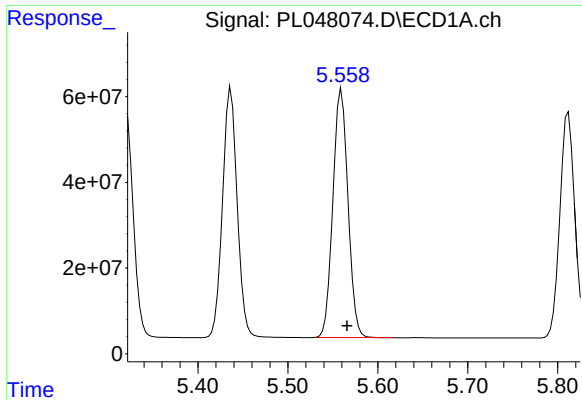
#12 4,4'-DDE

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 661675699
Conc: 53.19 ng/ml



#12 4,4'-DDE

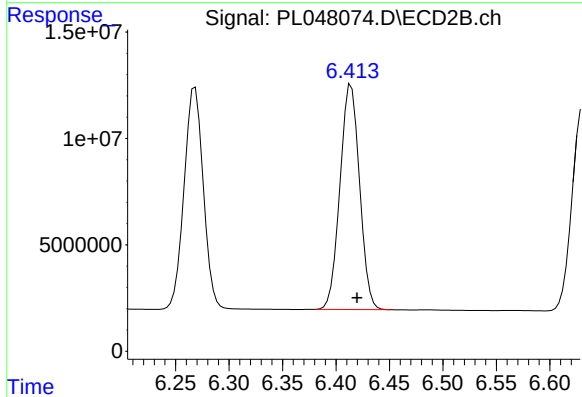
R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 130458555
Conc: 47.24 ng/ml



#13 Dieldrin

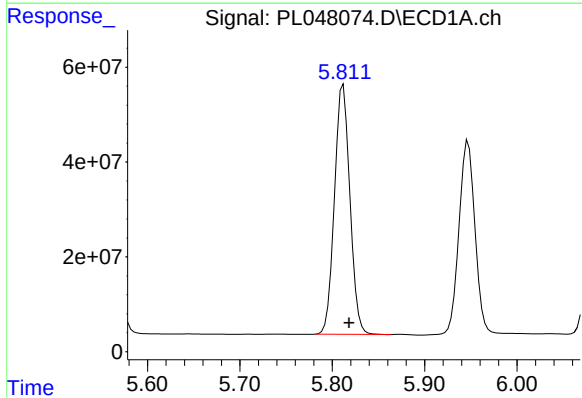
R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 676862007
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



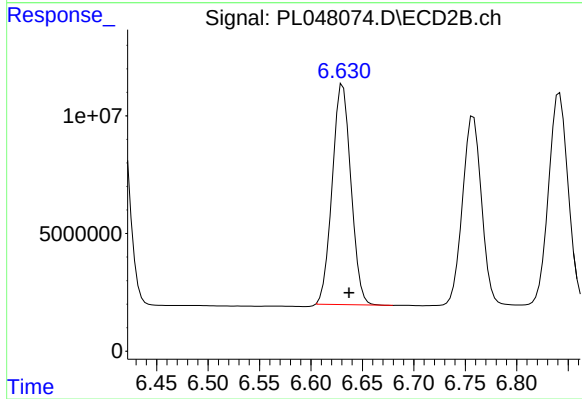
#13 Dieldrin

R.T.: 6.414 min
Delta R.T.: -0.005 min
Response: 134985581
Conc: 46.17 ng/ml



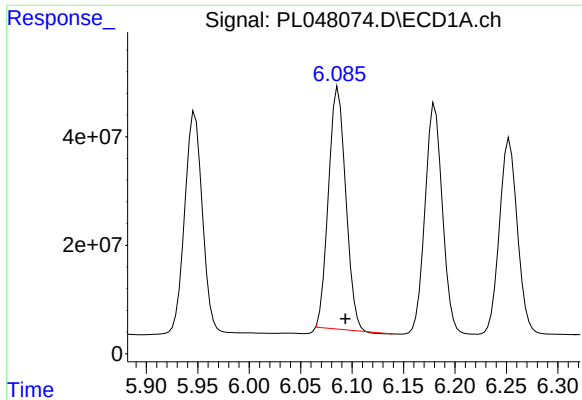
#14 Endrin

R.T.: 5.812 min
Delta R.T.: -0.006 min
Response: 611476178
Conc: 51.45 ng/ml



#14 Endrin

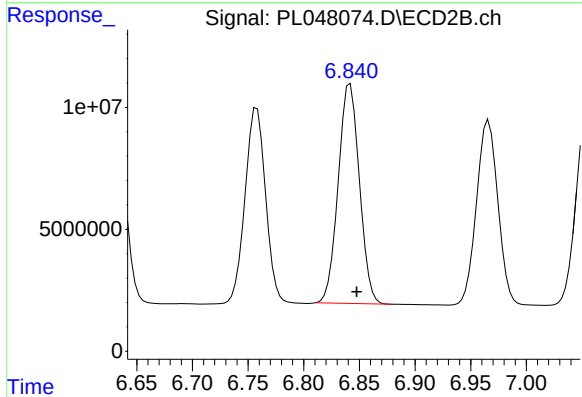
R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 118385333
Conc: 46.35 ng/ml



#15 Endosulfan II

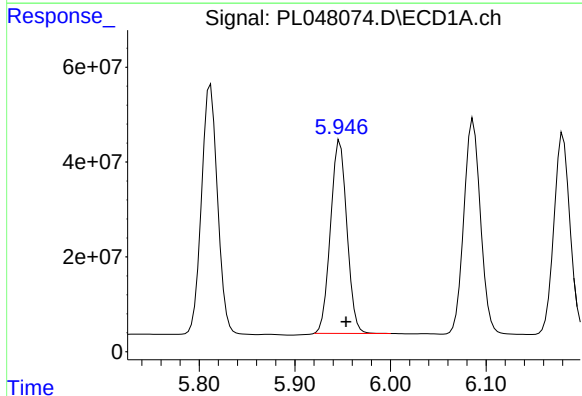
R.T.: 6.086 min
Delta R.T.: -0.007 min
Response: 519261674
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



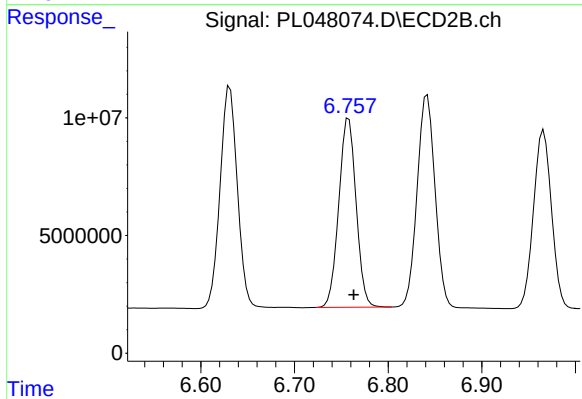
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 119217703
Conc: 45.44 ng/ml



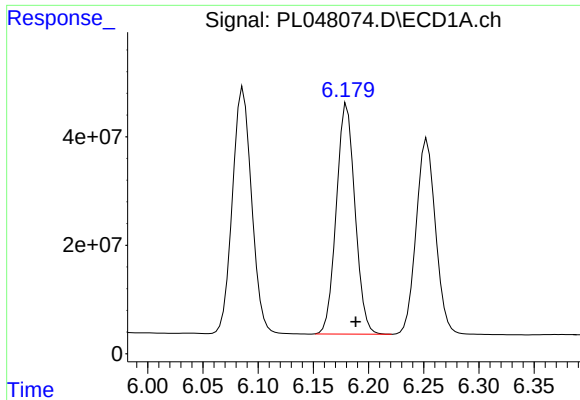
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 483536271
Conc: 49.17 ng/ml



#16 4,4'-DDD

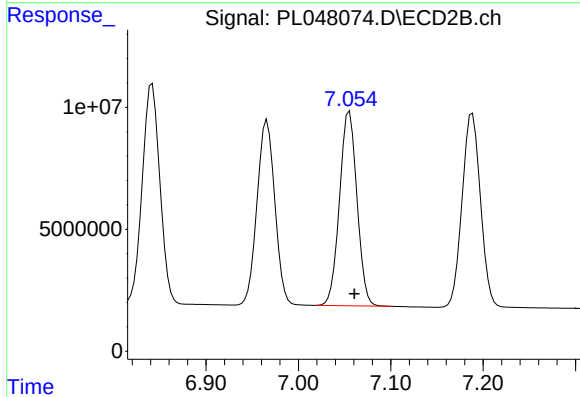
R.T.: 6.758 min
Delta R.T.: -0.005 min
Response: 103308559
Conc: 46.02 ng/ml



#17 4,4'-DDT

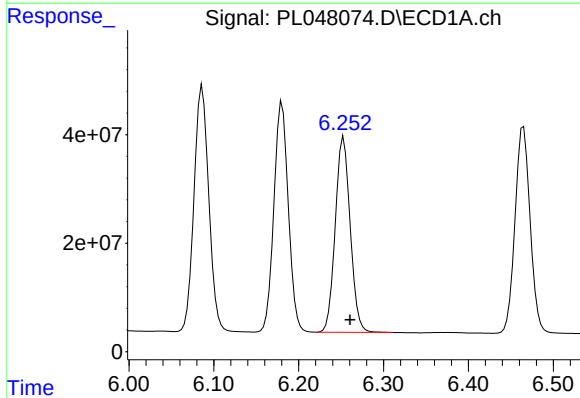
R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 499892665
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



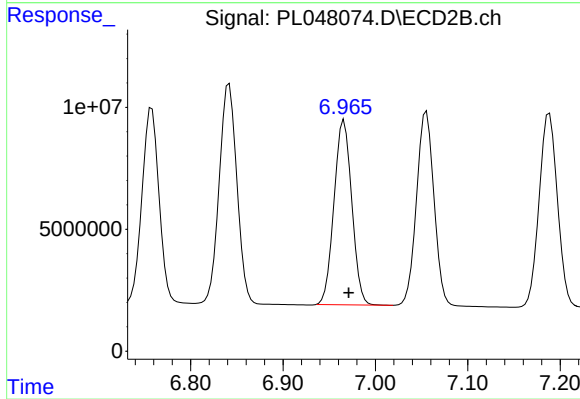
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 104795168
Conc: 43.99 ng/ml



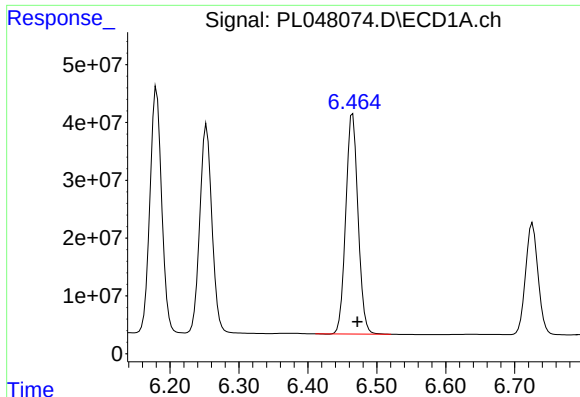
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.007 min
Response: 440121394
Conc: 46.65 ng/ml



#18 Endrin aldehyde

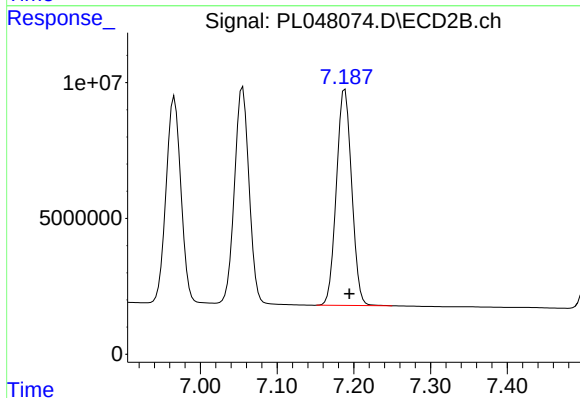
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 101175636
Conc: 43.79 ng/ml



#19 Endosulfan Sulfate

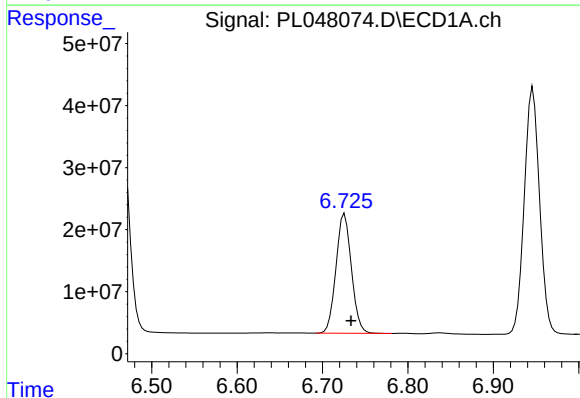
R.T.: 6.465 min
Delta R.T.: -0.007 min
Response: 471524608
Conc: 42.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



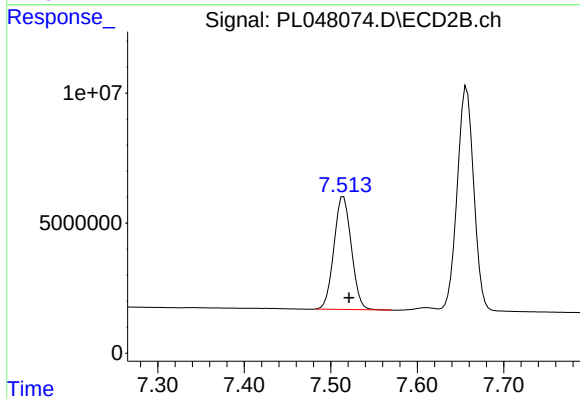
#19 Endosulfan Sulfate

R.T.: 7.188 min
Delta R.T.: -0.006 min
Response: 110183163
Conc: 40.24 ng/ml



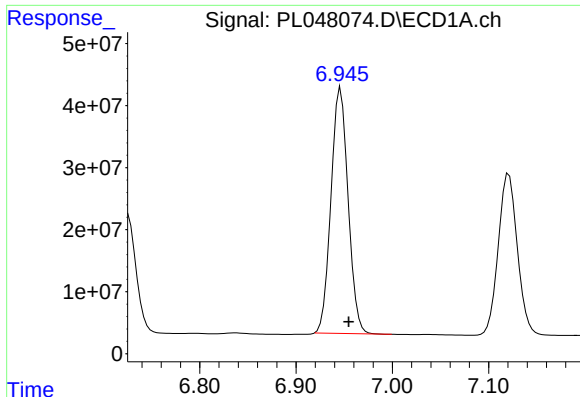
#20 Methoxychlor

R.T.: 6.726 min
Delta R.T.: -0.008 min
Response: 242508504
Conc: 45.60 ng/ml



#20 Methoxychlor

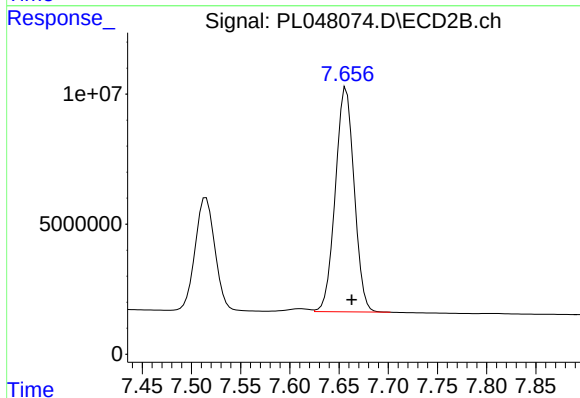
R.T.: 7.515 min
Delta R.T.: -0.006 min
Response: 60448270
Conc: 43.11 ng/ml



#21 Endrin ketone

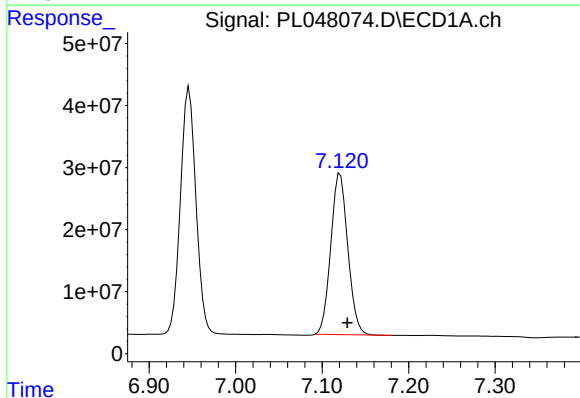
R.T.: 6.946 min
Delta R.T.: -0.008 min
Response: 489782187
Conc: 41.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



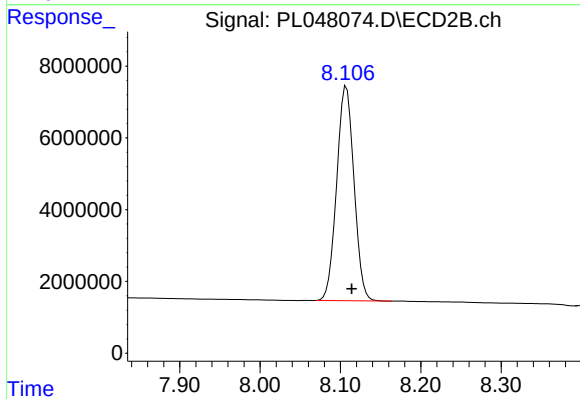
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.006 min
Response: 114797669
Conc: 40.83 ng/ml



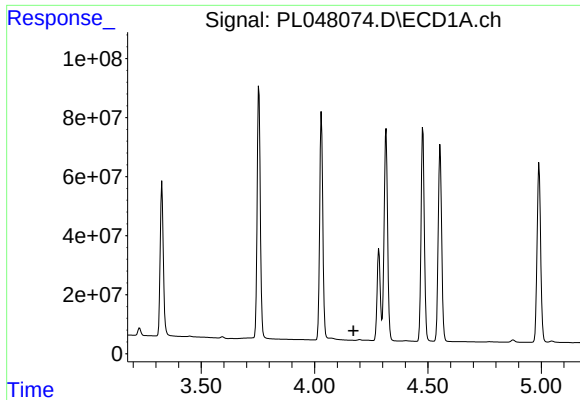
#22 Mirex

R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 354243563
Conc: 37.74 ng/ml



#22 Mirex

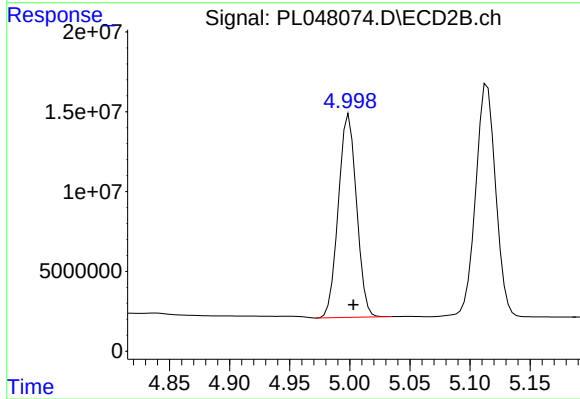
R.T.: 8.107 min
Delta R.T.: -0.007 min
Response: 89742063
Conc: 38.57 ng/ml



#23 Chlordane-1

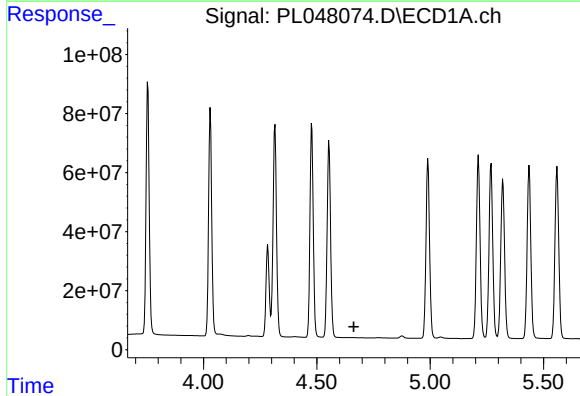
R.T.: 0.000 min
Exp R.T.: 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



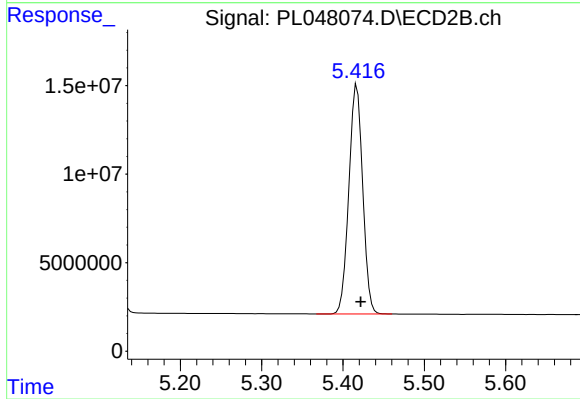
#23 Chlordane-1

R.T.: 4.999 min
Delta R.T.: -0.004 min
Response: 134152001
Conc: 523.61 ng/ml



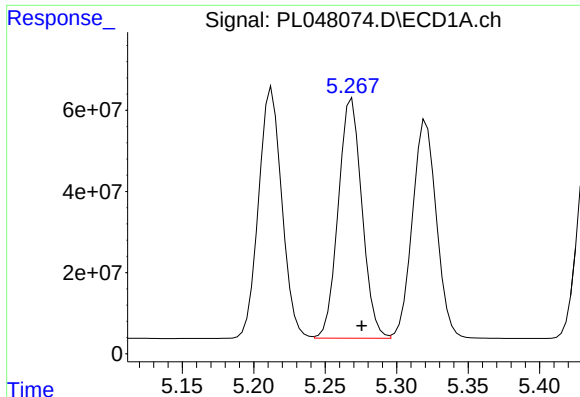
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.



#24 Chlordane-2

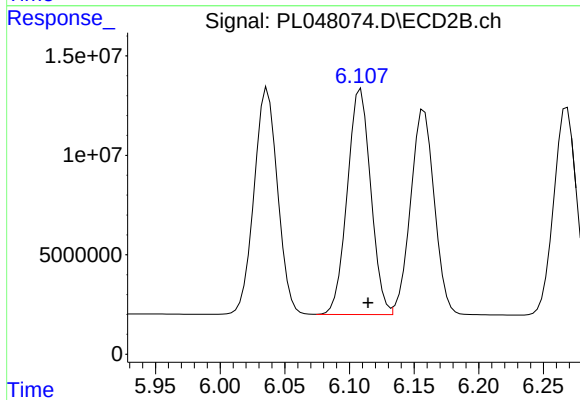
R.T.: 5.417 min
Delta R.T.: -0.005 min
Response: 152571898
Conc: 490.30 ng/ml



#25 Chlordane-3

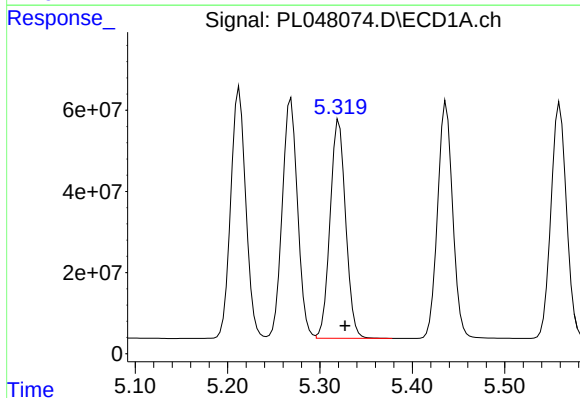
R.T.: 5.269 min
Delta R.T.: -0.007 min
Response: 681314956
Conc: 516.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



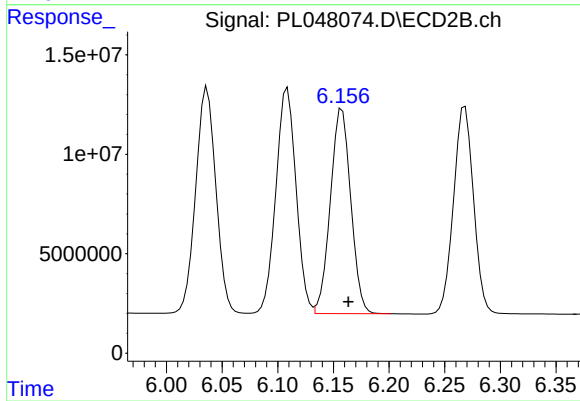
#25 Chlordane-3

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 143190816
Conc: 483.38 ng/ml



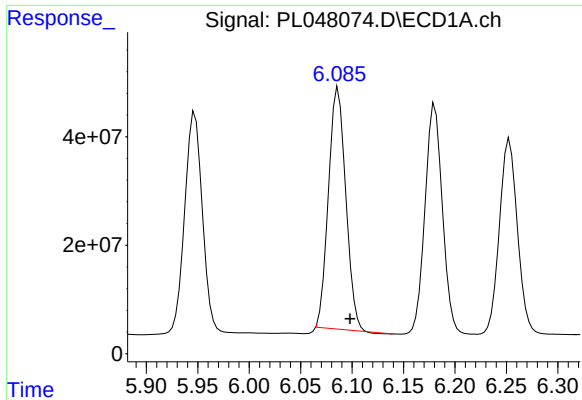
#26 Chlordane-4

R.T.: 5.321 min
Delta R.T.: -0.007 min
Response: 630423810
Conc: 513.07 ng/ml



#26 Chlordane-4

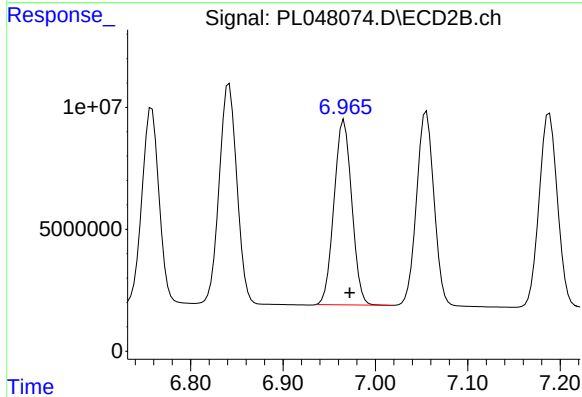
R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 131664385
Conc: 478.09 ng/ml



#27 Chlordane-5

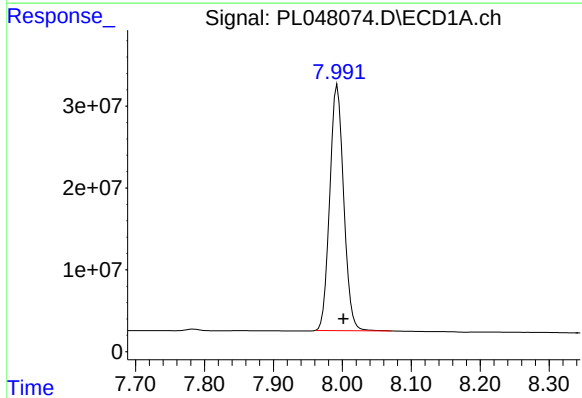
R.T.: 6.086 min
Delta R.T.: -0.011 min
Response: 519261674
Conc: 1224.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



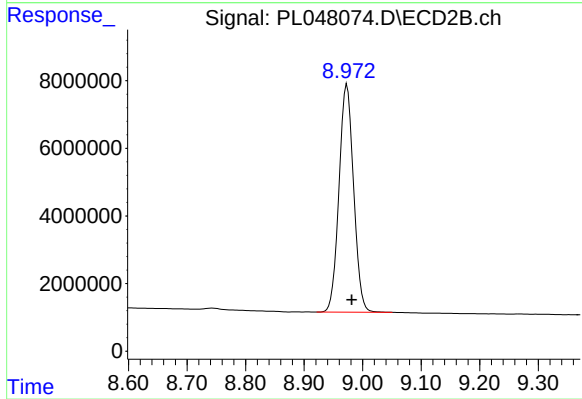
#27 Chlordane-5

R.T.: 6.966 min
Delta R.T.: -0.006 min
Response: 101175636
Conc: 448.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.009 min
Response: 421937354
Conc: 37.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min
Delta R.T.: -0.008 min
Response: 116615410
Conc: 40.85 ng/ml