

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050421\
 Data File : PL066676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2021 18:10
 Operator : AR\AJ
 Sample : M2263-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 02:27:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042621.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 28 08:49:49 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...	3.426	4.151	79728066	81318517	21.159	23.154
28)	SA Decachlor...	8.150	9.349	72972923	57993880	19.032	18.746
Target Compounds							
2)	A alpha-BHC	3.859	4.557	309.9E6	272.2E6	49.791	52.902
3)	MA gamma-BHC...	4.139	4.850	279.7E6	251.7E6	50.830	52.186
4)	MA Heptachlor	4.436	5.366	288.4E6	241.7E6	51.663	48.958
5)	MB Aldrin	4.680	5.678	263.3E6	221.3E6	50.487	47.336
6)	B beta-BHC	4.387	5.027	119.6E6	116.1E6	45.224	50.291
7)	B delta-BHC	4.587	5.250	288.0E6	232.2E6	50.617	52.427
8)	B Heptachlo...	5.119	6.073	249.0E6	185.5E6	50.838	50.148
9)	A Endosulfan I	5.452	6.437	234.6E6	178.2E6	50.843	46.783
10)	B gamma-Chl...	5.344	6.309	258.3E6	195.5E6	50.681	46.955
11)	B alpha-Chl...	5.402	6.381	252.7E6	193.1E6	51.328	46.543
12)	B 4,4'-DDE	5.569	6.537	236.3E6	179.1E6	51.785	47.194
13)	MA Dieldrin	5.694	6.698	244.3E6	180.6E6	50.346	46.115
14)	MA Endrin	5.947	6.921	222.6E6	151.2E6	51.102	48.260
15)	B Endosulfa...	6.219	7.134	201.2E6	144.9E6	48.760	43.861
16)	A 4,4'-DDD	6.080	7.037	185.5E6	143.2E6	48.851	45.968
17)	MA 4,4'-DDT	6.319	7.339	196.4E6	139.6E6	50.361	43.136
18)	B Endrin al...	6.387	7.260	159.1E6	118.6E6	46.957	42.400
19)	B Endosulfa...	6.599	7.484	208.1E6	145.6E6	48.146	42.575
20)	A Methoxychlor	6.867	7.798	103.1E6	72478011	52.492	40.405
21)	B Endrin ke...	7.084	7.965	213.1E6	146.2E6	48.641	41.195
22)	Mirex	7.271	8.419	170.1E6	112.3E6	46.303	40.260
23)	Chlordane-1	4.295	0.000	2929422	0	17.330	N.D. #
24)	Chlordane-2	0.000	5.678f	0	221.3E6	N.D.	1362.589 #
25)	Chlordane-3	5.344	6.309	258.3E6	195.5E6	518.971	348.722 #
26)	Chlordane-4	5.402	6.381	252.7E6	193.1E6	598.873	287.574 #
27)	Chlordane-5	6.219	0.000	201.2E6	0	1194.768	N.D. #

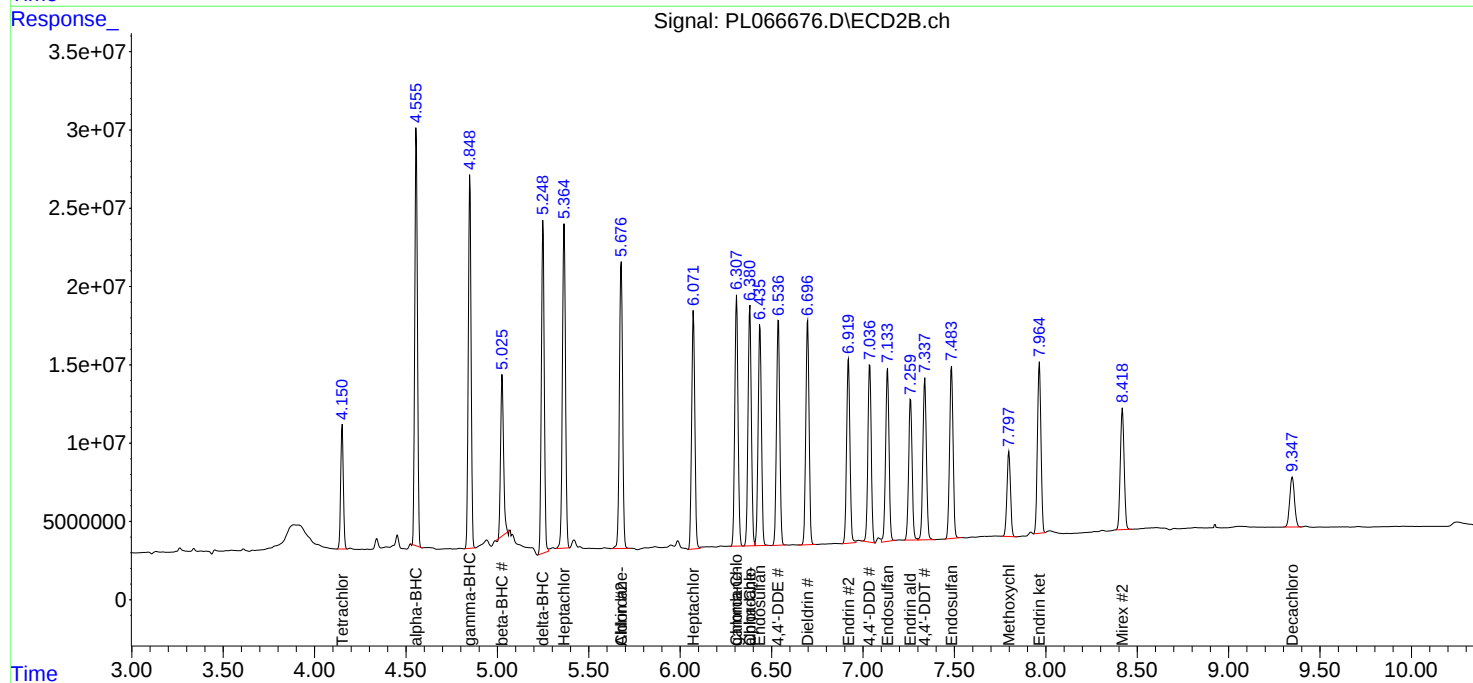
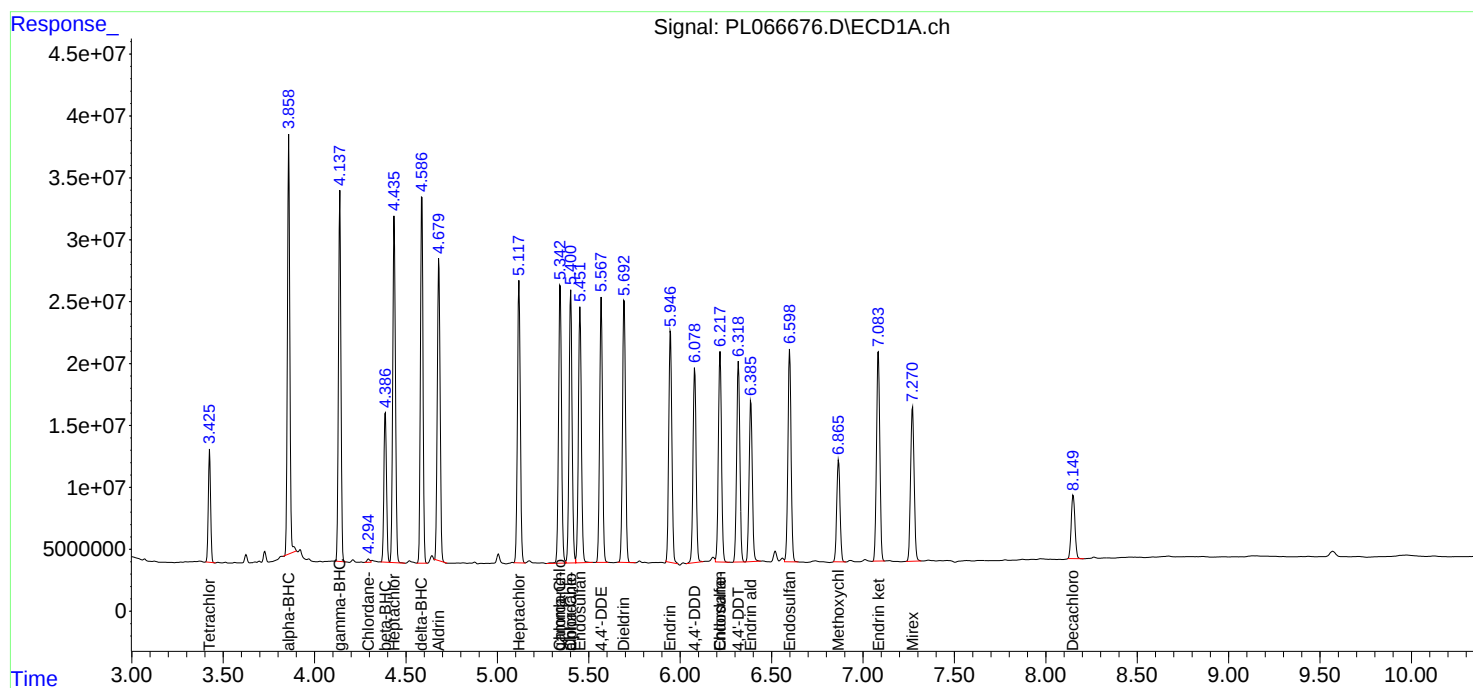
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

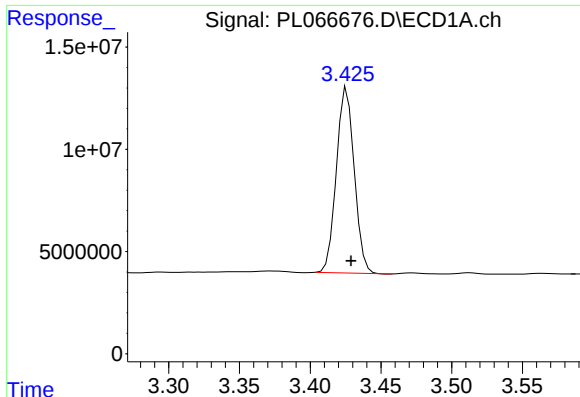
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

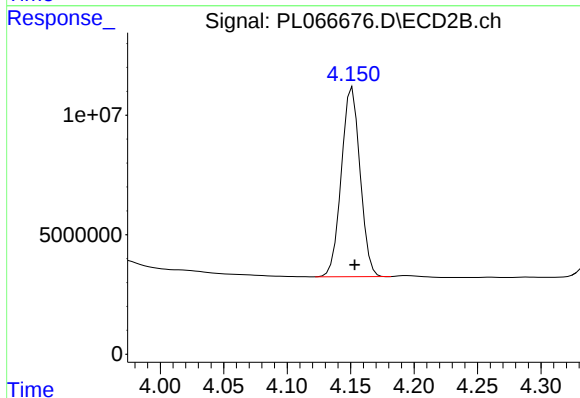




#1 Tetrachloro-m-xylene

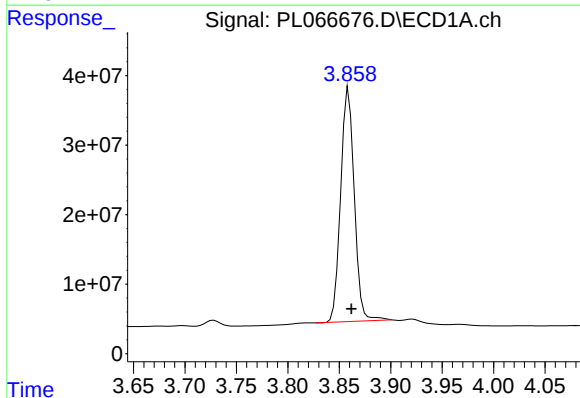
R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 79728066
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



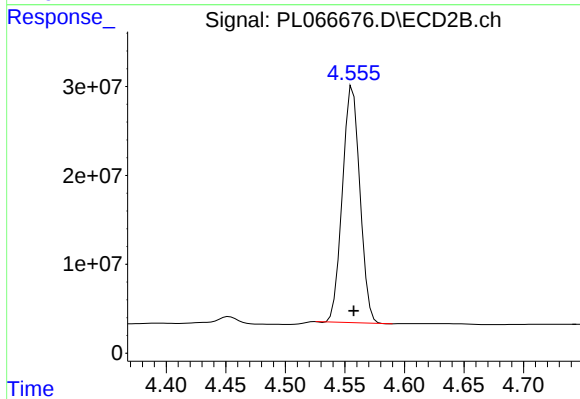
#1 Tetrachloro-m-xylene

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 81318517
Conc: 23.15 ng/ml



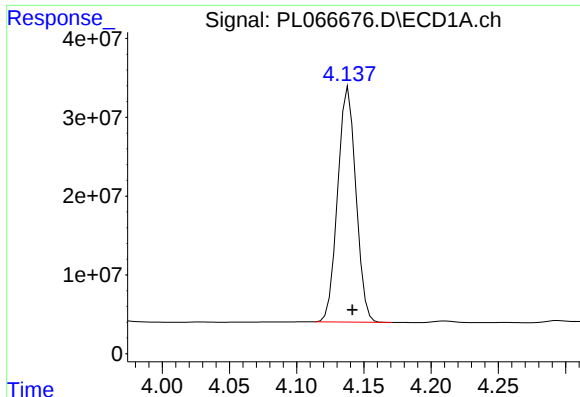
#2 alpha-BHC

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 309852147
Conc: 49.79 ng/ml



#2 alpha-BHC

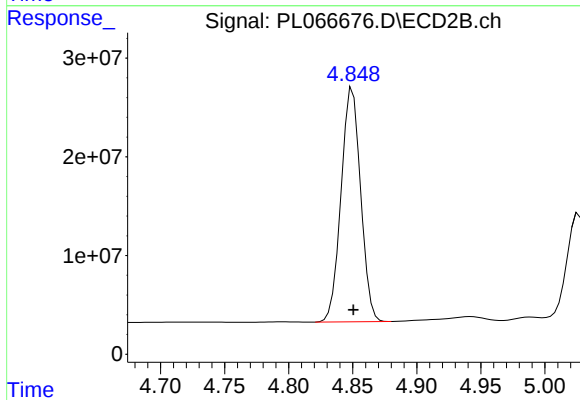
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 272155294
Conc: 52.90 ng/ml



#3 gamma-BHC (Lindane)

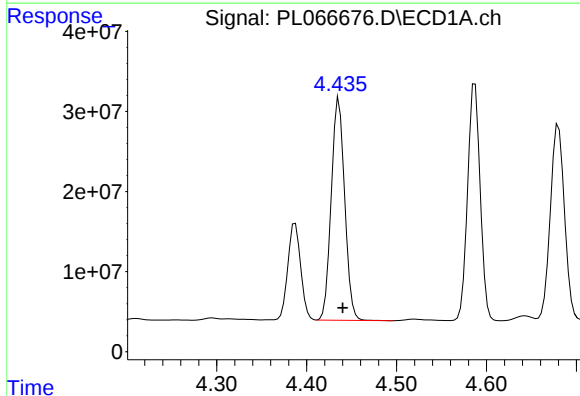
R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 279674557
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



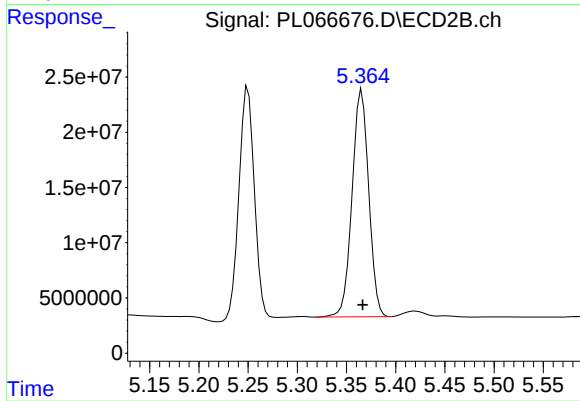
#3 gamma-BHC (Lindane)

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 251749092
Conc: 52.19 ng/ml



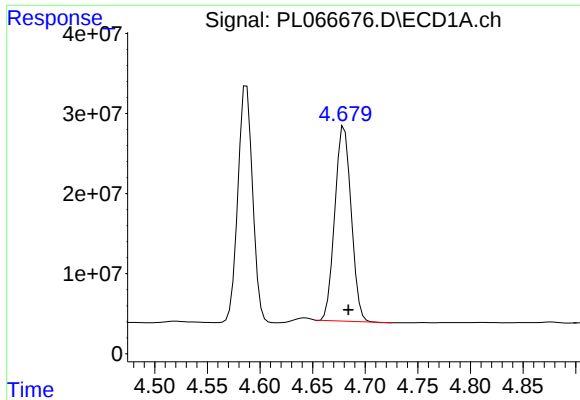
#4 Heptachlor

R.T.: 4.436 min
Delta R.T.: -0.004 min
Response: 288443544
Conc: 51.66 ng/ml



#4 Heptachlor

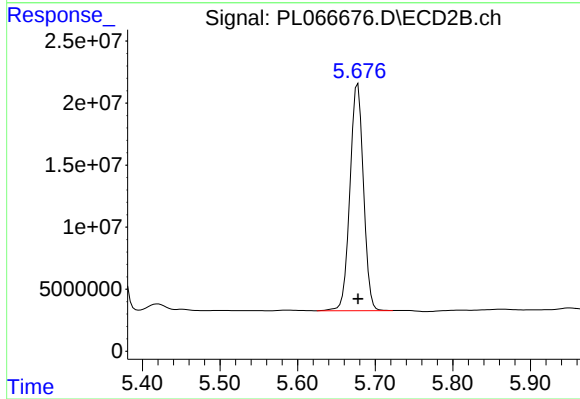
R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 241705742
Conc: 48.96 ng/ml



#5 Aldrin

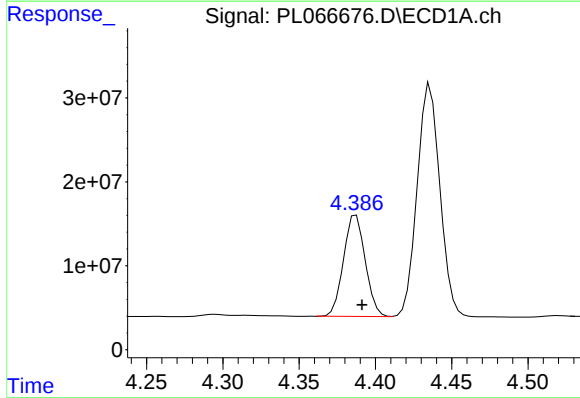
R.T.: 4.680 min
Delta R.T.: -0.004 min
Response: 263318757
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



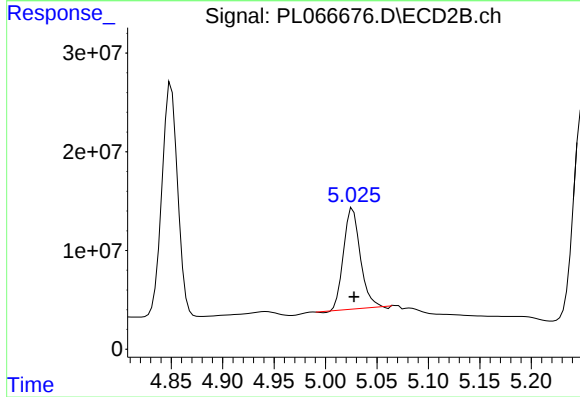
#5 Aldrin

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 221299745
Conc: 47.34 ng/ml



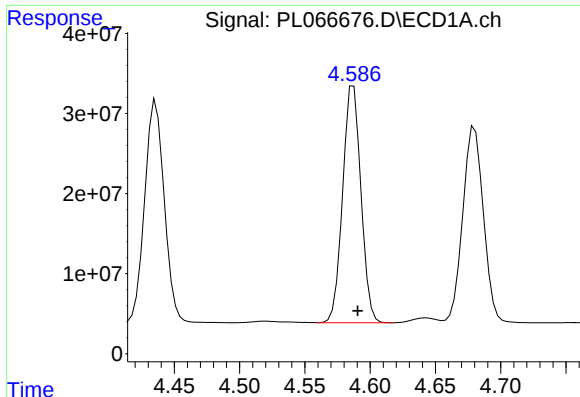
#6 beta-BHC

R.T.: 4.387 min
Delta R.T.: -0.004 min
Response: 119631100
Conc: 45.22 ng/ml



#6 beta-BHC

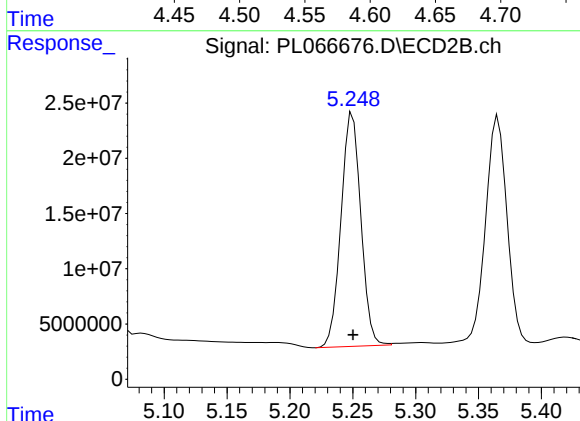
R.T.: 5.027 min
Delta R.T.: -0.001 min
Response: 116112176
Conc: 50.29 ng/ml



#7 delta-BHC

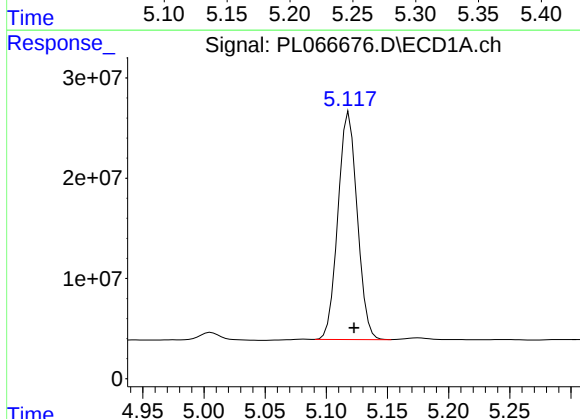
R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 287970928
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



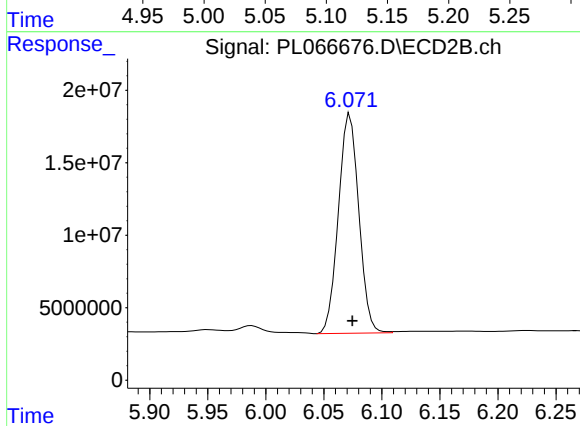
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 232244677
Conc: 52.43 ng/ml



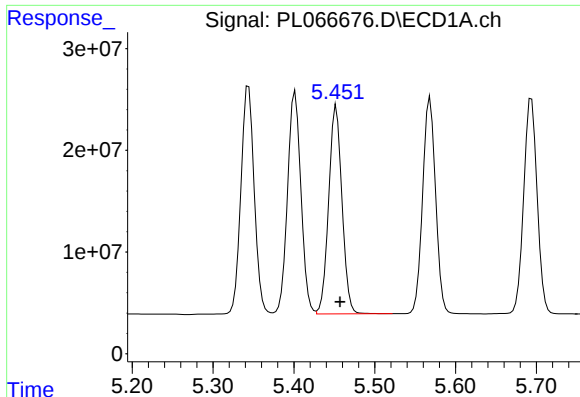
#8 Heptachlor epoxide

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 248965496
Conc: 50.84 ng/ml



#8 Heptachlor epoxide

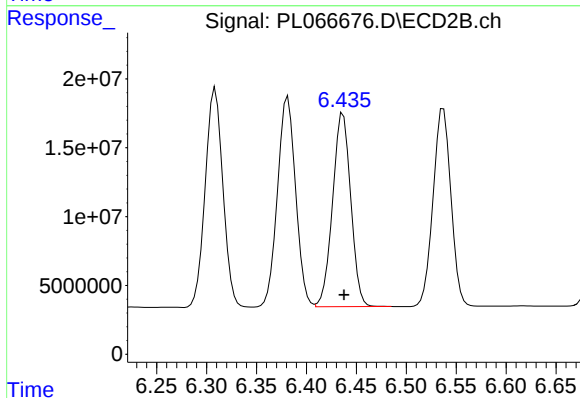
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 185528198
Conc: 50.15 ng/ml



#9 Endosulfan I

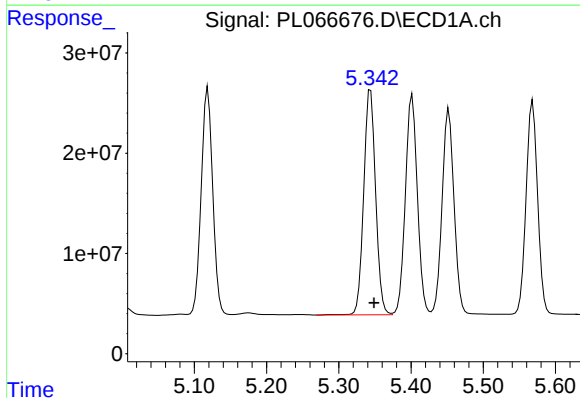
R.T.: 5.452 min
Delta R.T.: -0.005 min
Response: 234576531
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



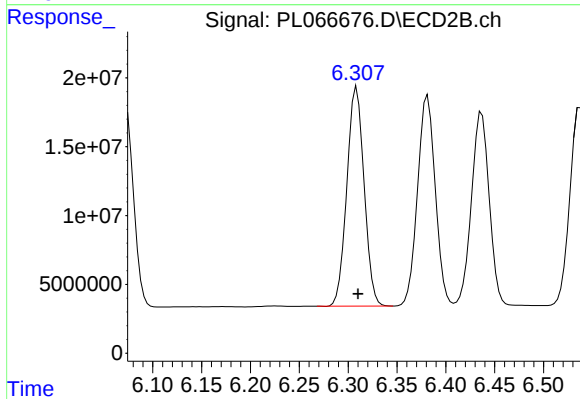
#9 Endosulfan I

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 178158364
Conc: 46.78 ng/ml



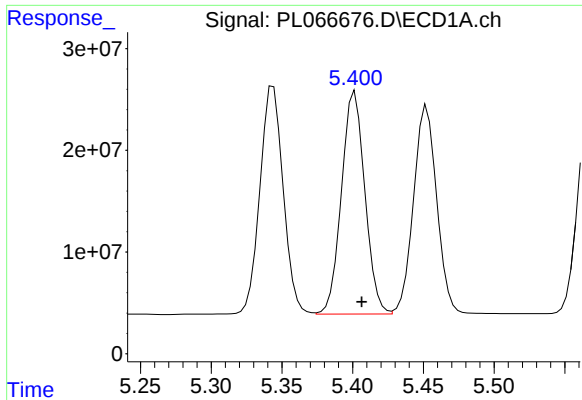
#10 gamma-Chlordane

R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 258264748
Conc: 50.68 ng/ml



#10 gamma-Chlordane

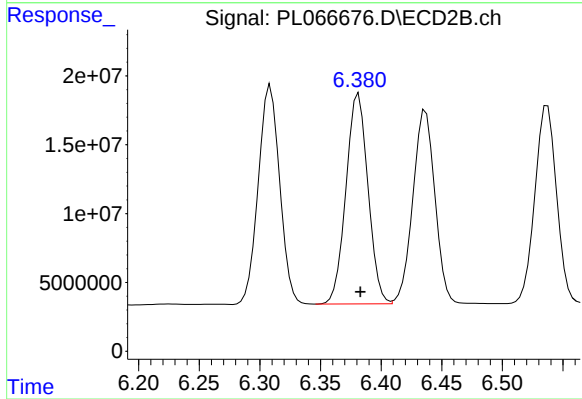
R.T.: 6.309 min
Delta R.T.: -0.001 min
Response: 195465329
Conc: 46.96 ng/ml



#11 alpha-Chlordane

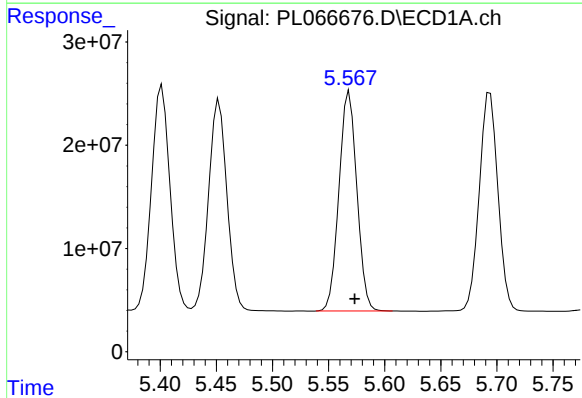
R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 252728722
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



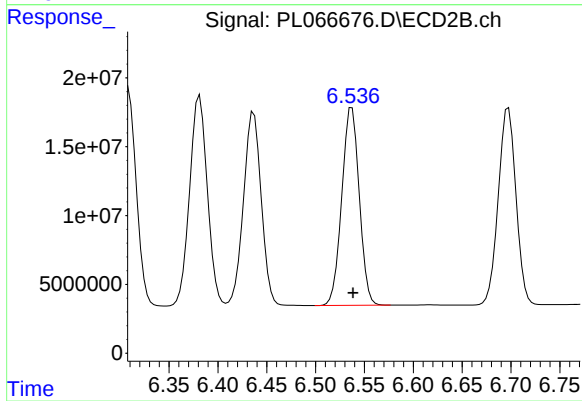
#11 alpha-Chlordane

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 193071466
Conc: 46.54 ng/ml



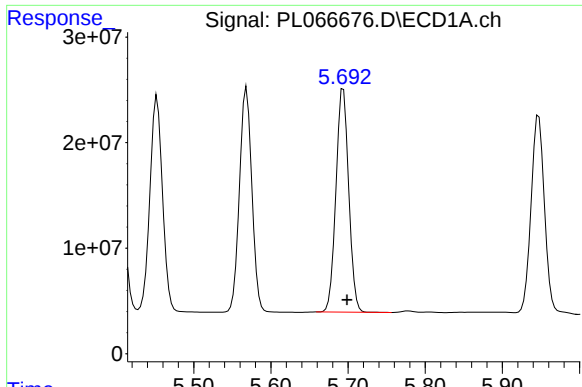
#12 4,4'-DDE

R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 236292644
Conc: 51.79 ng/ml



#12 4,4'-DDE

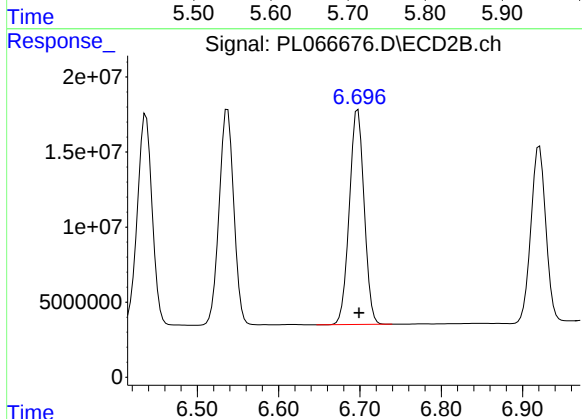
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 179063870
Conc: 47.19 ng/ml



#13 Dieldrin

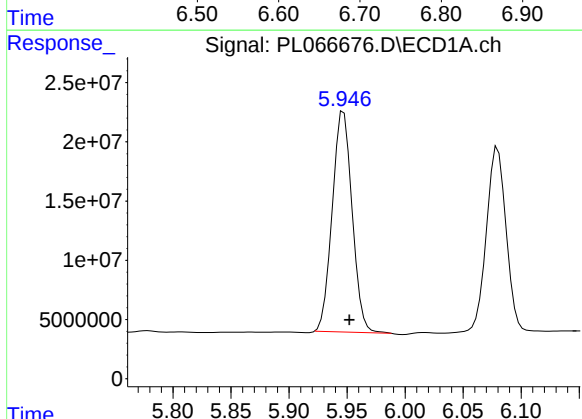
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 244254789
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



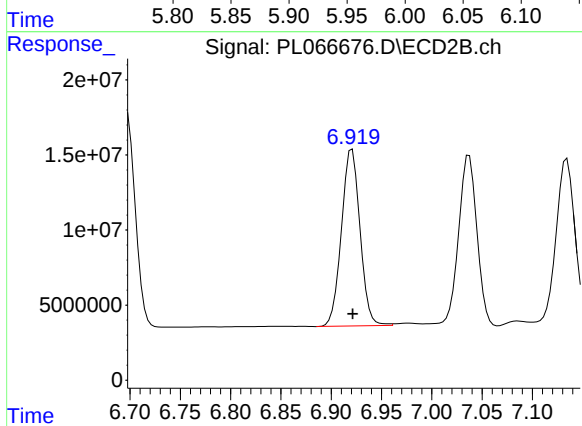
#13 Dieldrin

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 180550190
Conc: 46.12 ng/ml



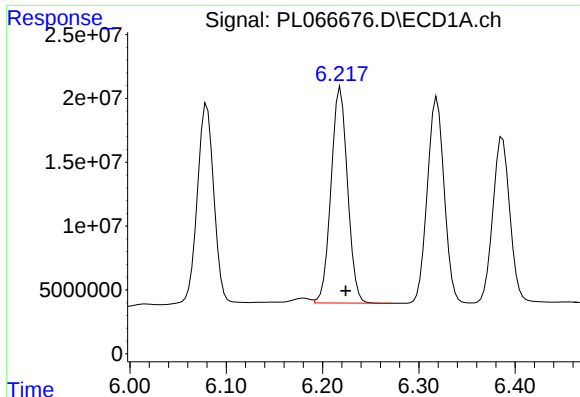
#14 Endrin

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 222608145
Conc: 51.10 ng/ml



#14 Endrin

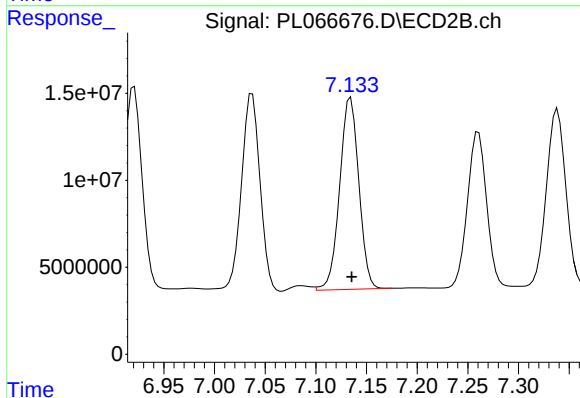
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 151234414
Conc: 48.26 ng/ml



#15 Endosulfan II

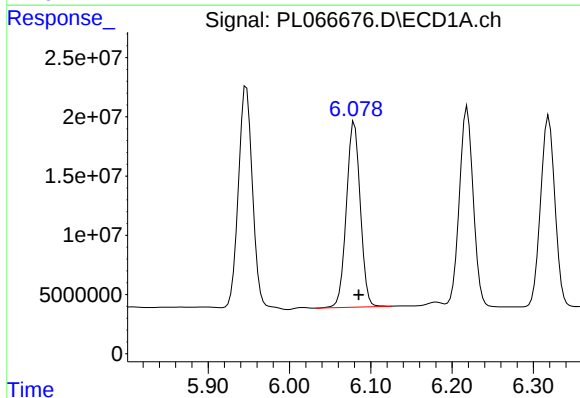
R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 201195336
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



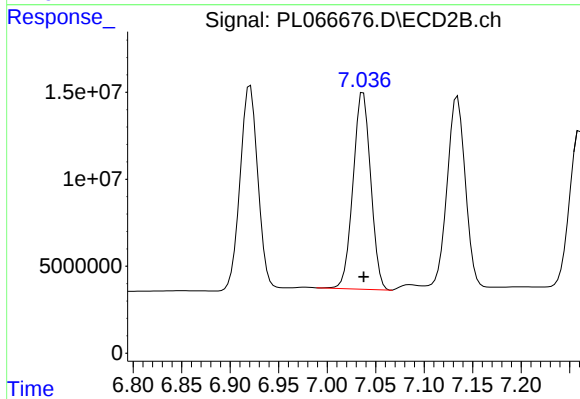
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 144863159
Conc: 43.86 ng/ml



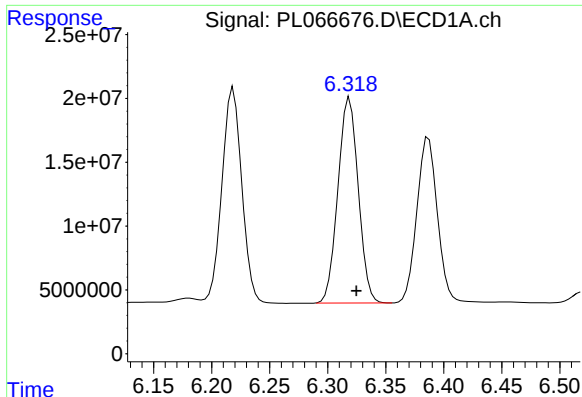
#16 4,4'-DDD

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 185544351
Conc: 48.85 ng/ml



#16 4,4'-DDD

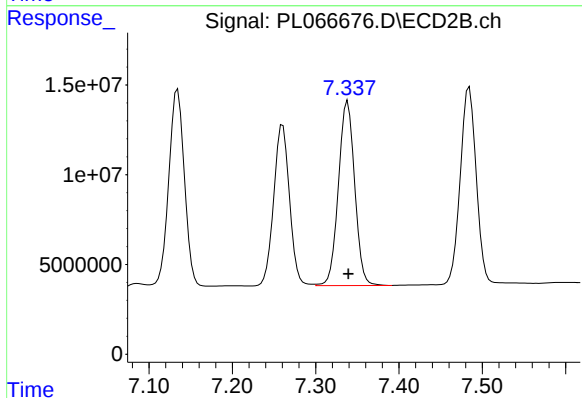
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 143182541
Conc: 45.97 ng/ml



#17 4,4'-DDT

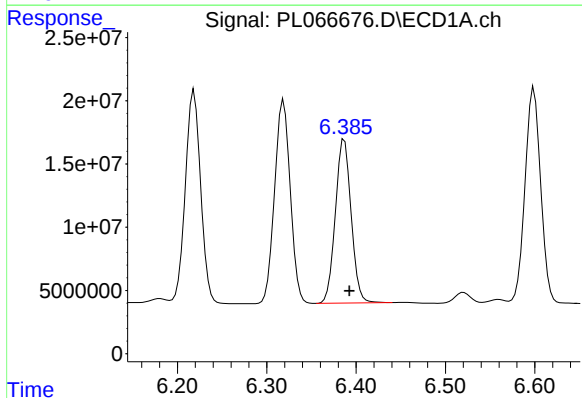
R.T.: 6.319 min
Delta R.T.: -0.006 min
Response: 196368792
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



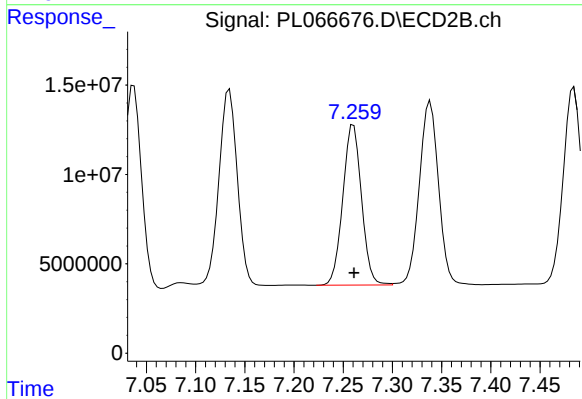
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 139614249
Conc: 43.14 ng/ml



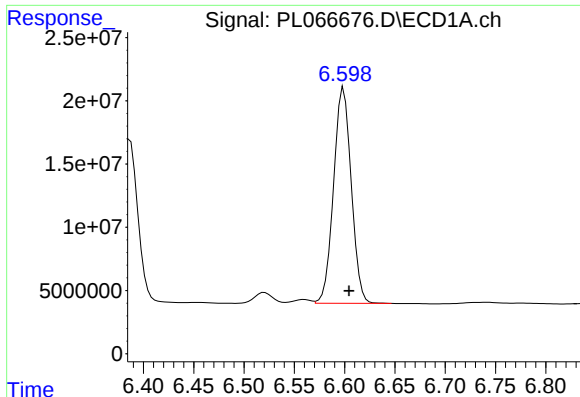
#18 Endrin aldehyde

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 159092911
Conc: 46.96 ng/ml



#18 Endrin aldehyde

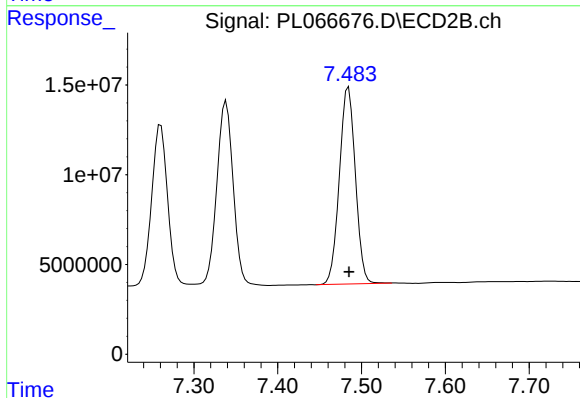
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 118594405
Conc: 42.40 ng/ml



#19 Endosulfan Sulfate

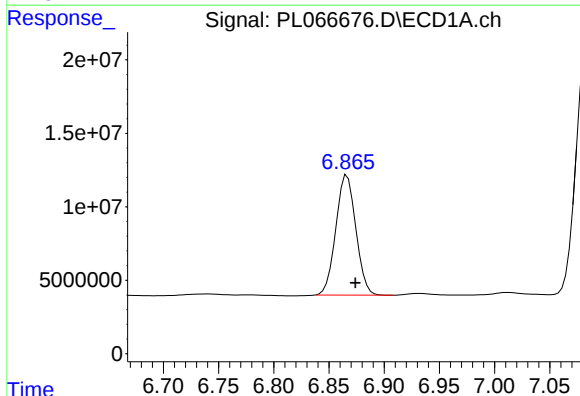
R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 208067419
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



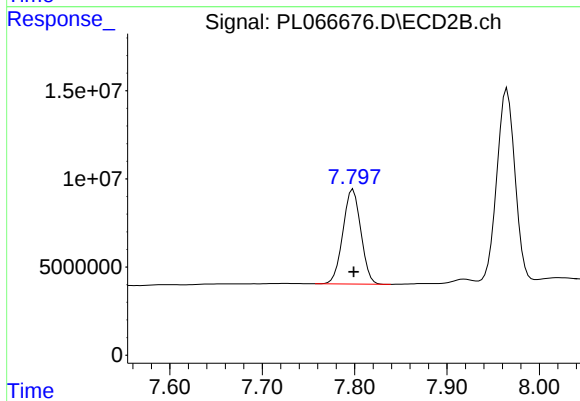
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 145630078
Conc: 42.58 ng/ml



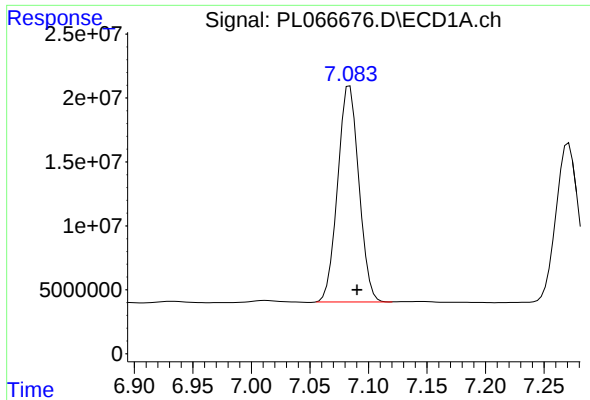
#20 Methoxychlor

R.T.: 6.867 min
Delta R.T.: -0.007 min
Response: 103110127
Conc: 52.49 ng/ml



#20 Methoxychlor

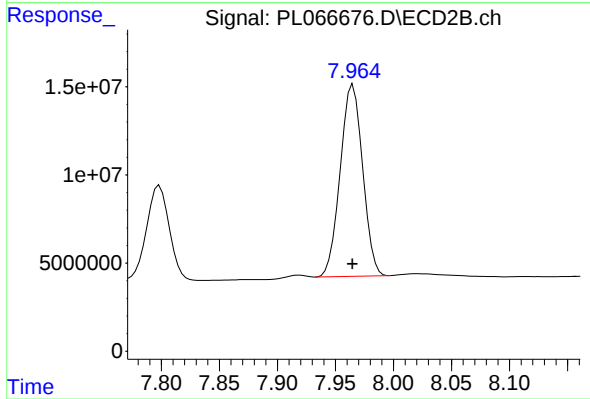
R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 72478011
Conc: 40.41 ng/ml



#21 Endrin ketone

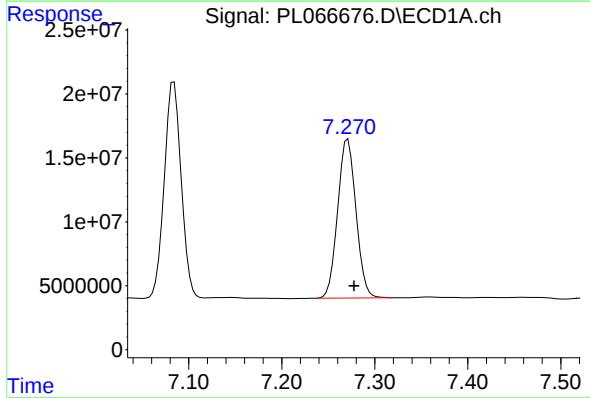
R.T.: 7.084 min
Delta R.T.: -0.006 min
Response: 213102543
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



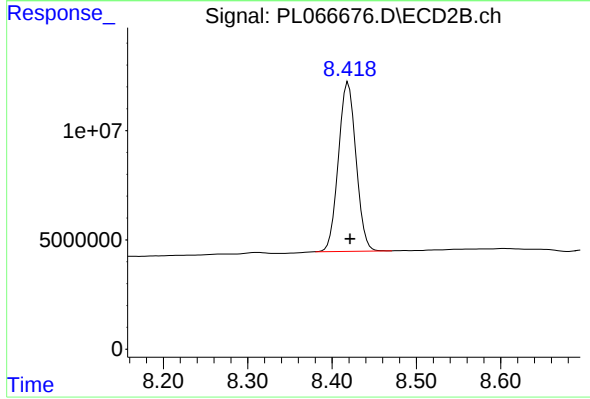
#21 Endrin ketone

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 146211795
Conc: 41.20 ng/ml



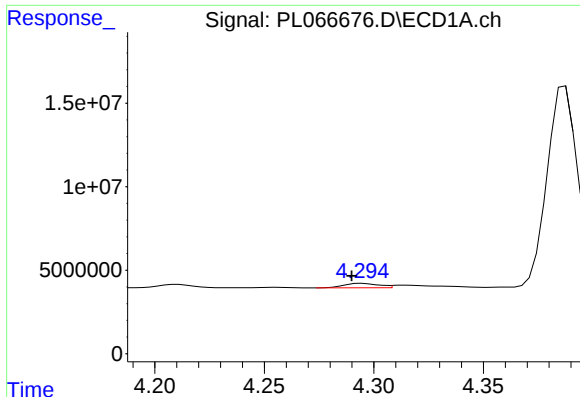
#22 Mirex

R.T.: 7.271 min
Delta R.T.: -0.007 min
Response: 170081385
Conc: 46.30 ng/ml



#22 Mirex

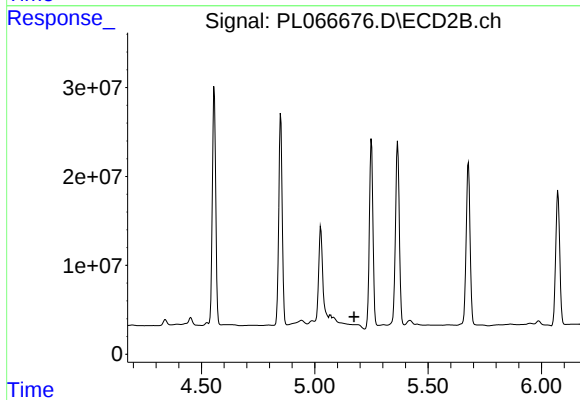
R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 112313114
Conc: 40.26 ng/ml



#23 Chlordane-1

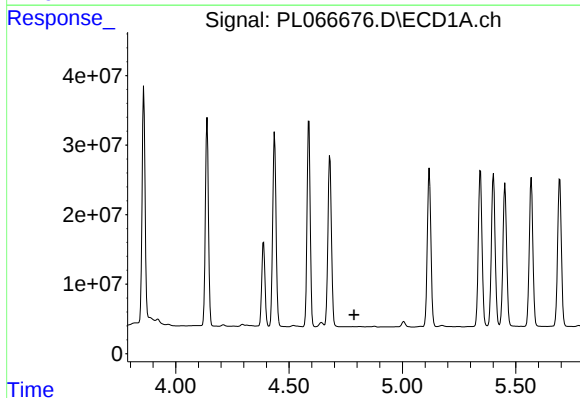
R.T.: 4.295 min
Delta R.T.: 0.005 min
Response: 2929422
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



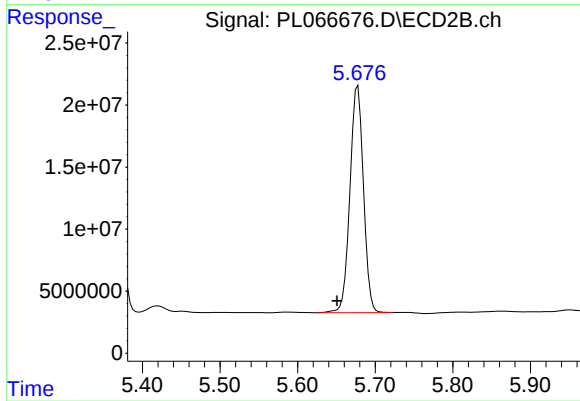
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.174 min
Response: 0
Conc: N.D.



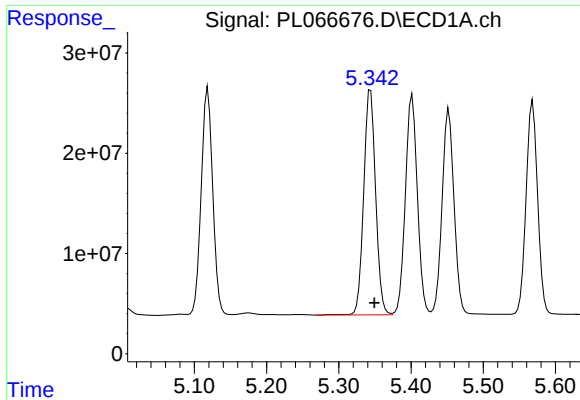
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.



#24 Chlordane-2

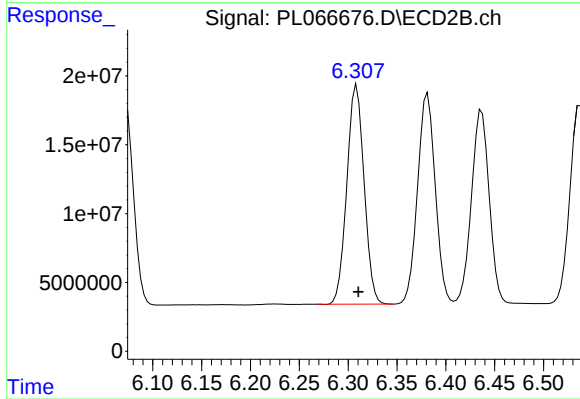
R.T.: 5.678 min
Delta R.T.: 0.026 min
Response: 221299745
Conc: 1362.59 ng/ml



#25 Chlordane-3

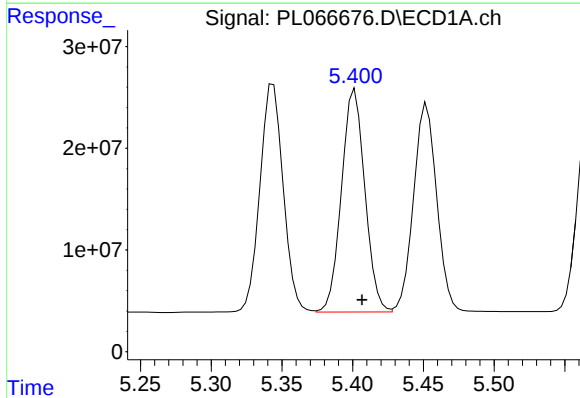
R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 258264748
Conc: 518.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



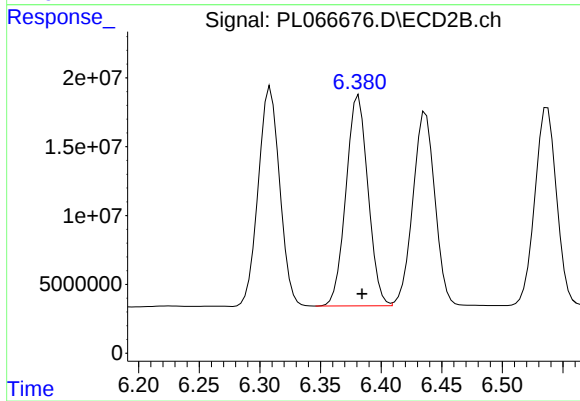
#25 Chlordane-3

R.T.: 6.309 min
Delta R.T.: -0.002 min
Response: 195465329
Conc: 348.72 ng/ml



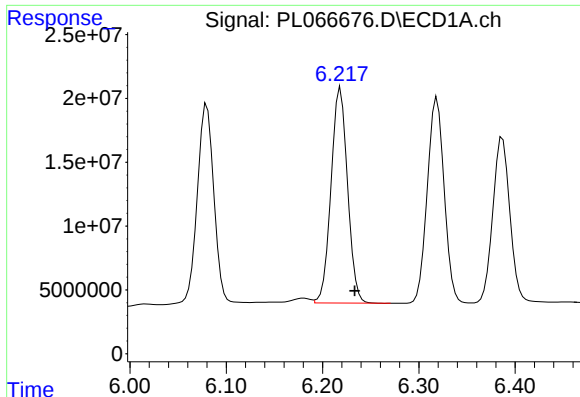
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 252728722
Conc: 598.87 ng/ml



#26 Chlordane-4

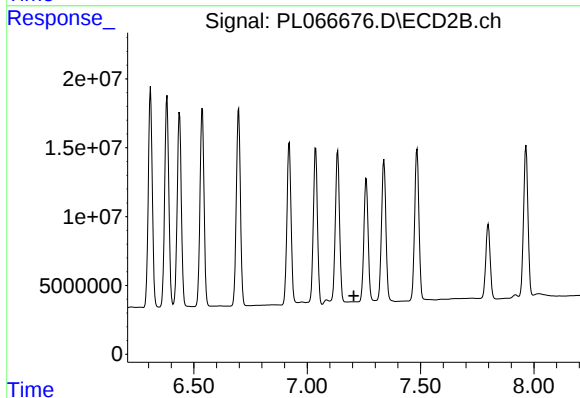
R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 193071466
Conc: 287.57 ng/ml



#27 Chlordane-5

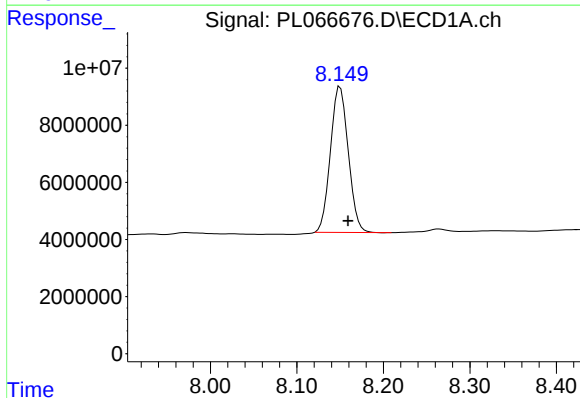
R.T.: 6.219 min
Delta R.T.: -0.015 min
Response: 201195336
Conc: 1194.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



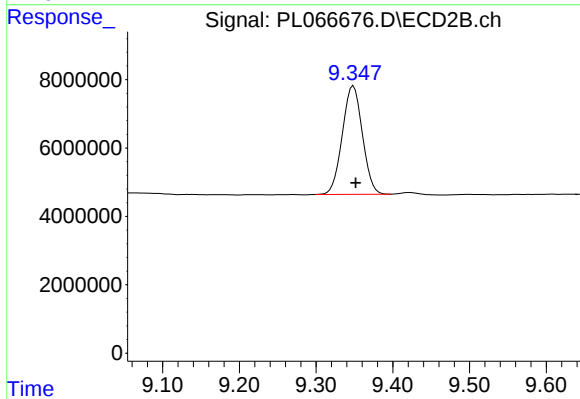
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.206 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.150 min
Delta R.T.: -0.009 min
Response: 72972923
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 57993880
Conc: 18.75 ng/ml