

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052220\
 Data File : PL058867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2020 09:11
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 10:53:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 2020
 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...	3.530	4.077	39754621	50567619	21.681	18.671
28)	SA Decachlor...	8.312	9.189	36548024	48184161	21.632	18.278
Target Compounds							
2)	A alpha-BHC	3.972	4.469	26366454	33160313	9.698	8.263
3)	MA gamma-BHC...	4.258	4.757	22849294	31415579	9.681	8.289
6)	B beta-BHC	4.508	4.924	11548036	17264278	11.236	9.922
7)	B delta-BHC	0.000	5.120f	0	2039647	N.D.	0.559 #
8)	B Heptachlo...	0.000	5.958	0	31720694	N.D.	9.617 #
9)	A Endosulfan I	0.000	6.306f	0	1256857	N.D.	0.428 #
10)	B gamma-Chl...	0.000	6.207	0	3035959	N.D.	0.917 #
11)	B alpha-Chl...	0.000	6.289f	0	2883849	N.D.	0.888 #
12)	B 4,4'-DDE	0.000	6.430	0	371486	N.D.	0.130 #
13)	MA Dieldrin	0.000	6.594	0	765915	N.D.	0.253 #
14)	MA Endrin	6.105	6.801	77315342	86536241	49.331	34.680 #
15)	B Endosulfa...	6.376	7.012	1457791	2484821	0.875	0.886
16)	A 4,4'-DDD	6.228	6.920	7024237	10301536	4.962	4.318
17)	MA 4,4'-DDT	6.471	7.220	144.2E6	196.7E6	99.158	82.712
18)	B Endrin al...	6.545	7.134	2248417	2864788	1.593	1.214
20)	A Methoxychlor	7.017	7.677	192.2E6	272.3E6	225.295	195.267
21)	B Endrin ke...	7.250	7.831	6738029	8779182	3.654	3.169
25)	Chlordane-3	0.000	6.207	0	3035959	N.D.	7.975 #
26)	Chlordane-4	0.000	6.289	0	2883849	N.D.	6.333 #
27)	Chlordane-5	6.376	0.000	1457791	0	27.585	N.D. #

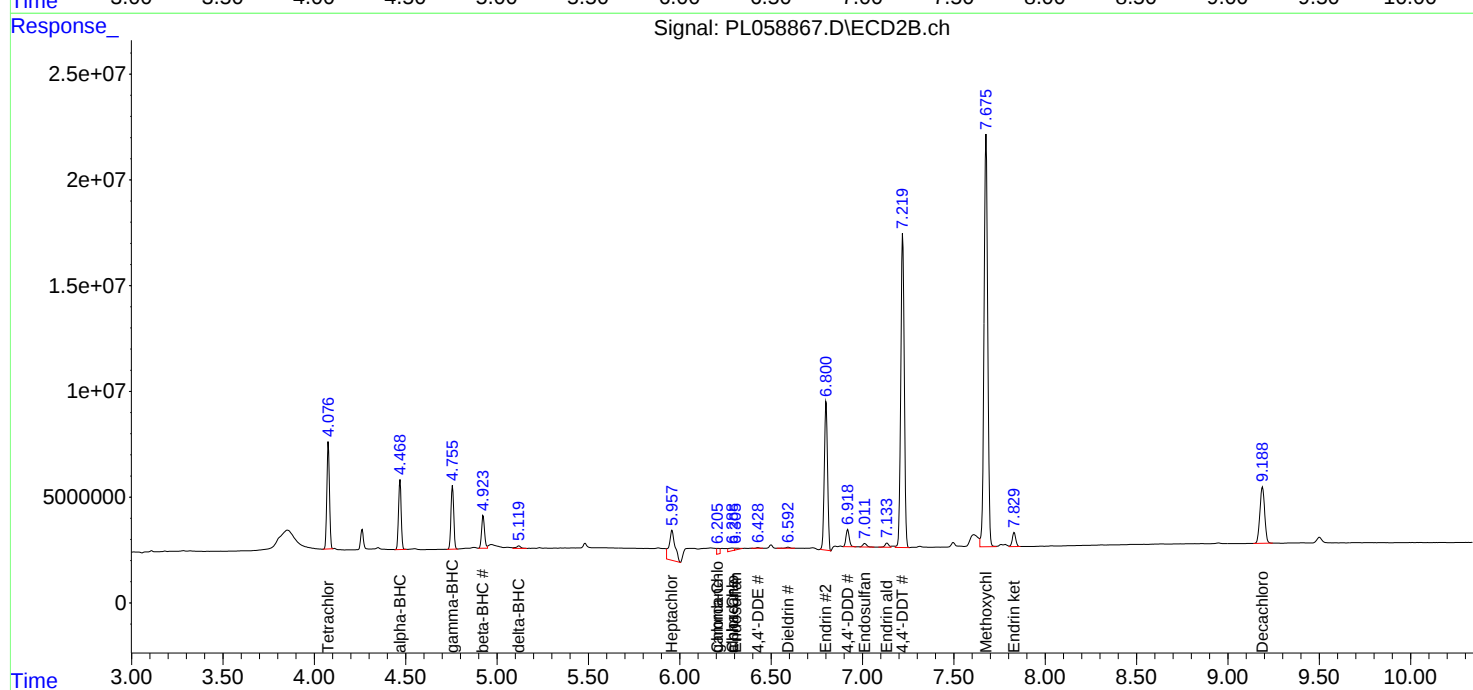
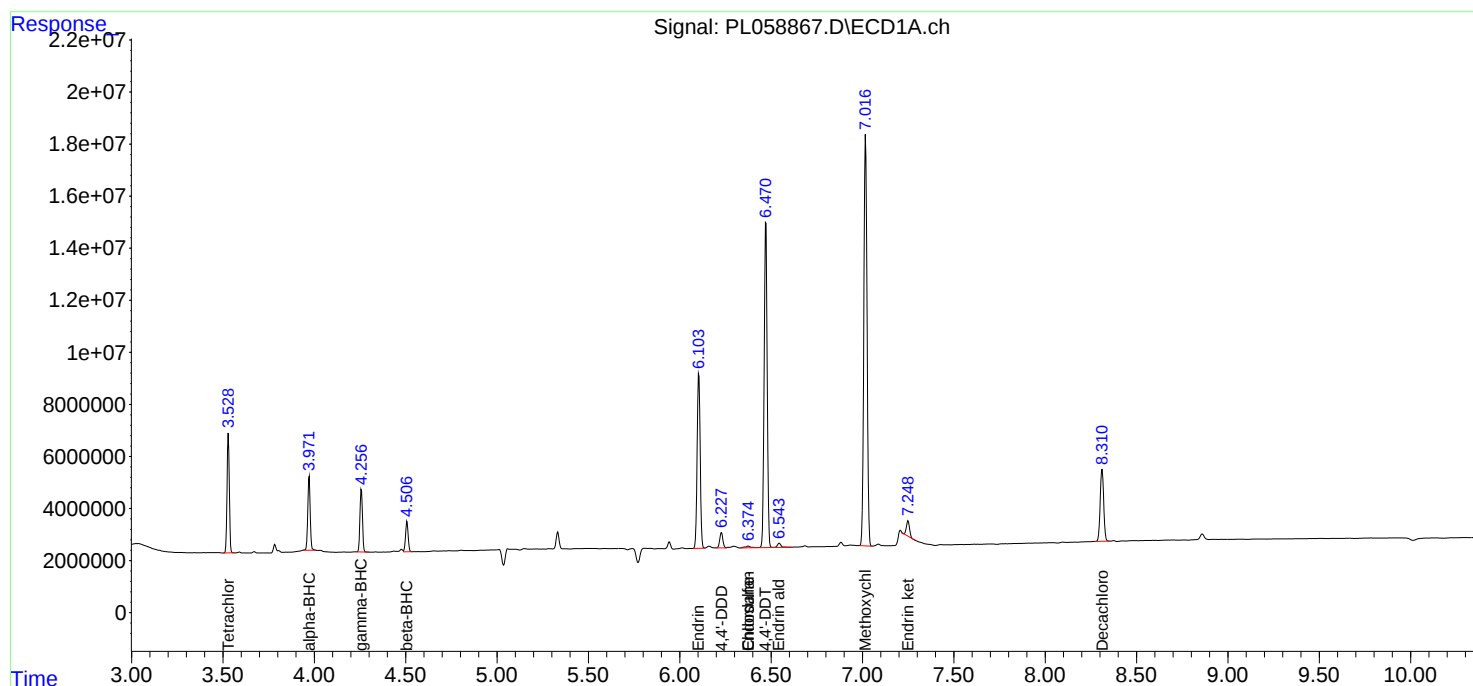
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

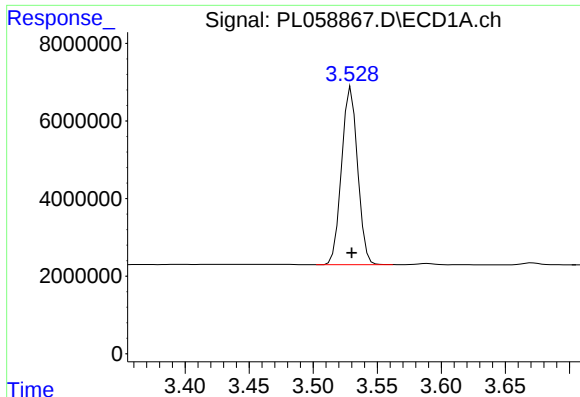
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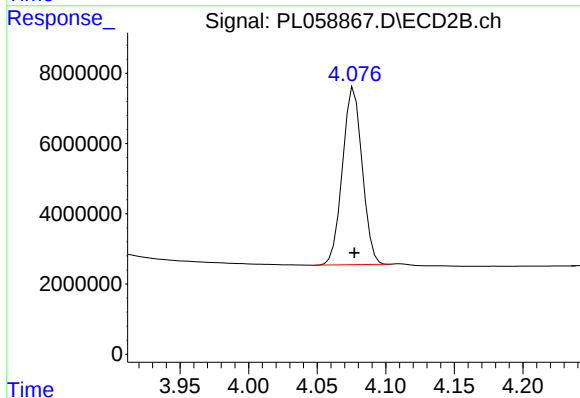




#1 Tetrachloro-m-xylene

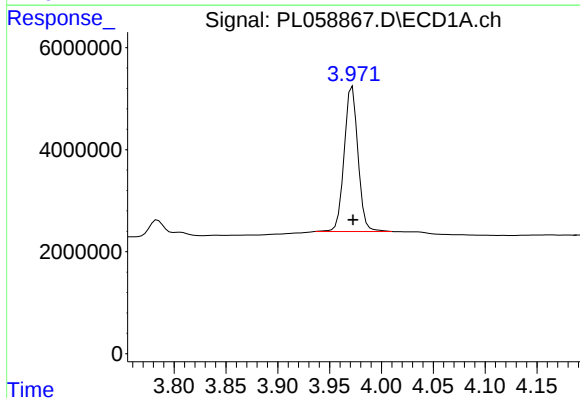
R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 39754621
Conc: 21.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



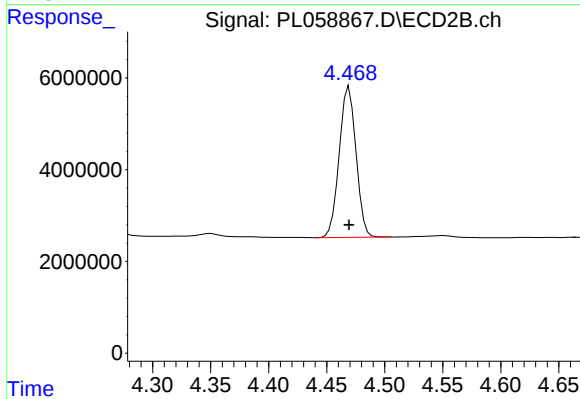
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 50567619
Conc: 18.67 ng/ml



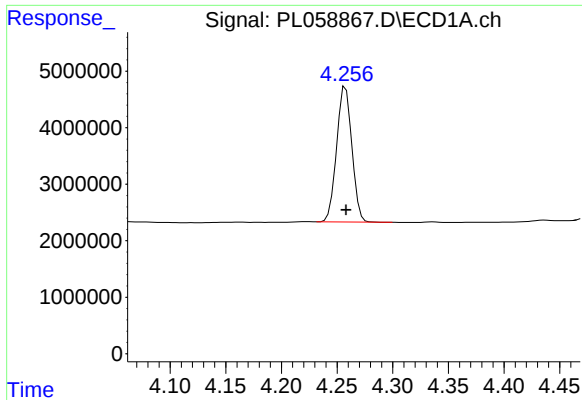
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 26366454
Conc: 9.70 ng/ml



#2 alpha-BHC

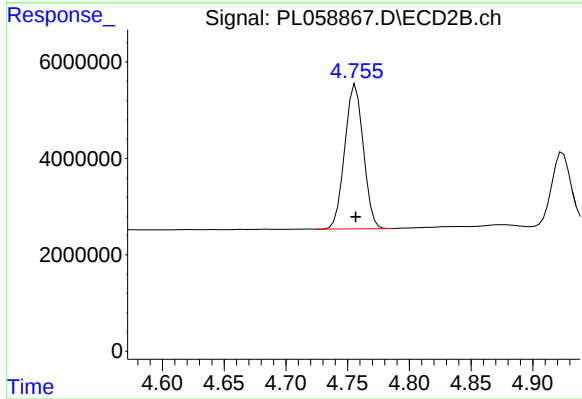
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 33160313
Conc: 8.26 ng/ml



#3 gamma-BHC (Lindane)

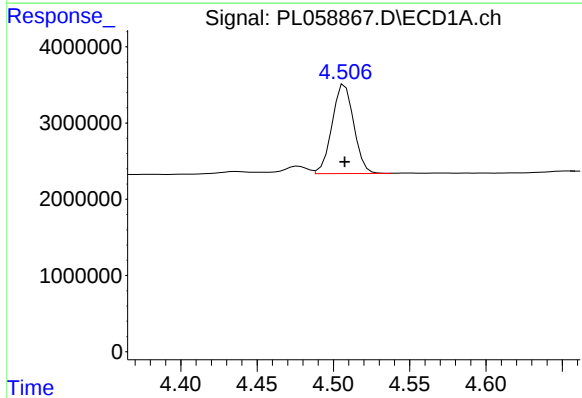
R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 22849294
Conc: 9.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



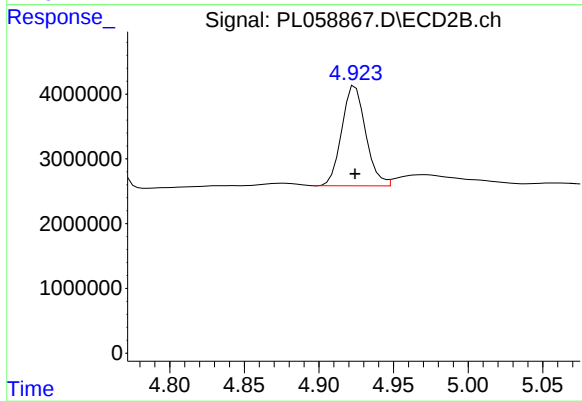
#3 gamma-BHC (Lindane)

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 31415579
Conc: 8.29 ng/ml



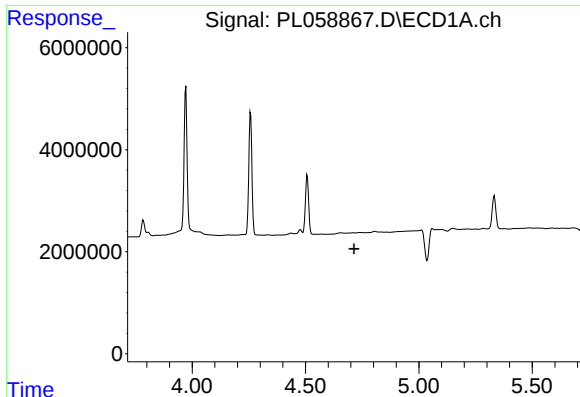
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 11548036
Conc: 11.24 ng/ml



#6 beta-BHC

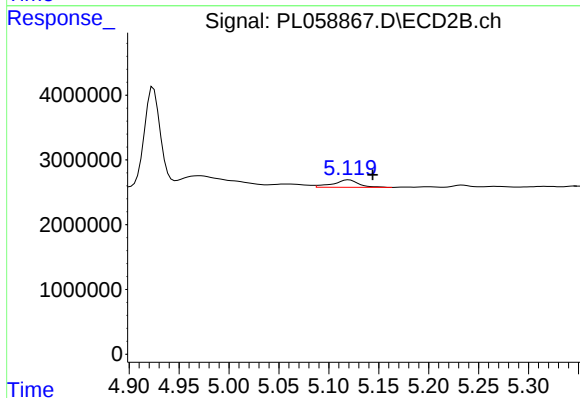
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 17264278
Conc: 9.92 ng/ml



#7 delta-BHC

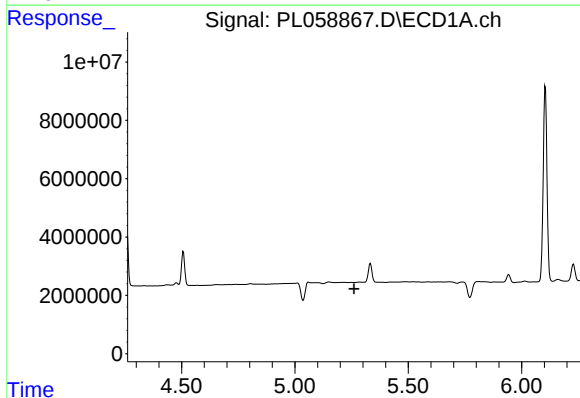
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



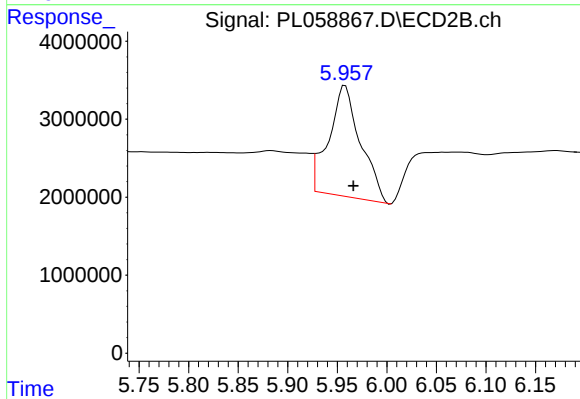
#7 delta-BHC

R.T.: 5.120 min
Delta R.T.: -0.024 min
Response: 2039647
Conc: 0.56 ng/ml



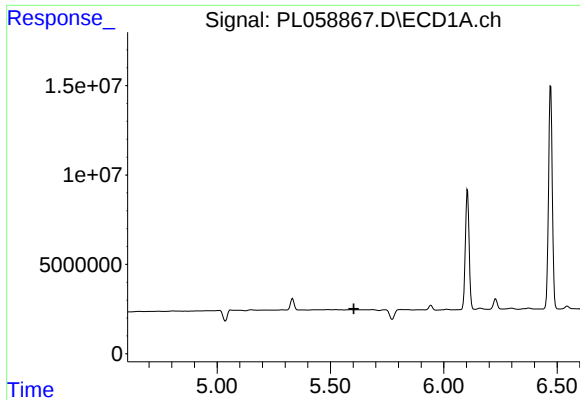
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.261 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

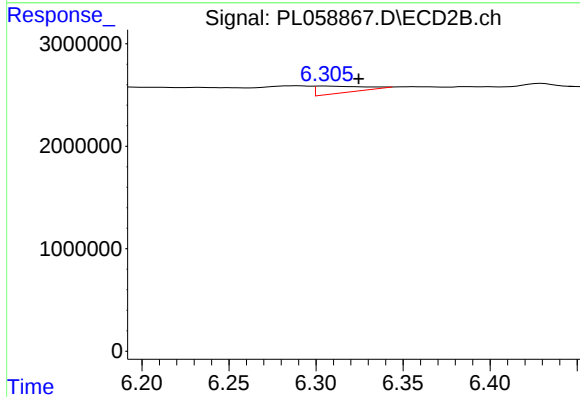
R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 31720694
Conc: 9.62 ng/ml



#9 Endosulfan I

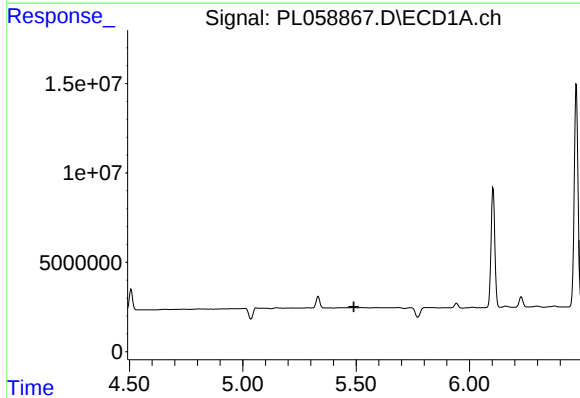
R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



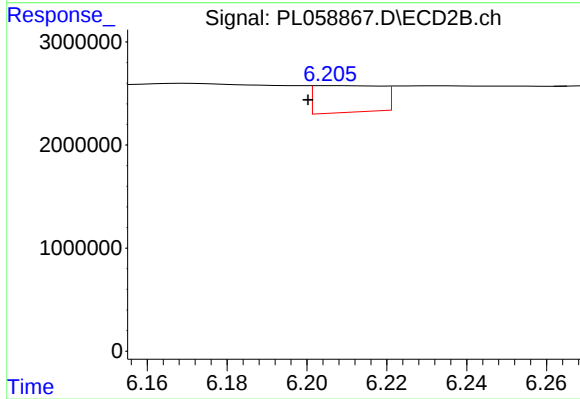
#9 Endosulfan I

R.T.: 6.306 min
Delta R.T.: -0.019 min
Response: 1256857
Conc: 0.43 ng/ml



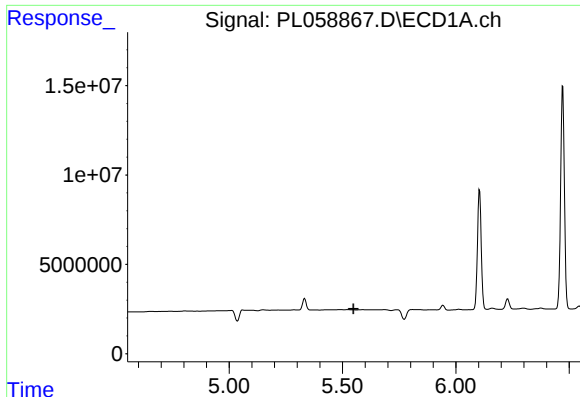
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.490 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

R.T.: 6.207 min
Delta R.T.: 0.007 min
Response: 3035959
Conc: 0.92 ng/ml



#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :

#11 alpha-Chlordane

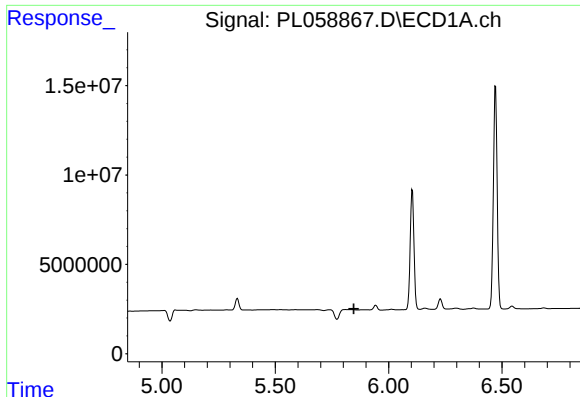
R.T.: 6.289 min
Delta R.T.: 0.015 min
Response: 2883849
Conc: 0.89 ng/ml

#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.712 min
Response: 0
Conc: N.D.

#12 4,4'-DDE

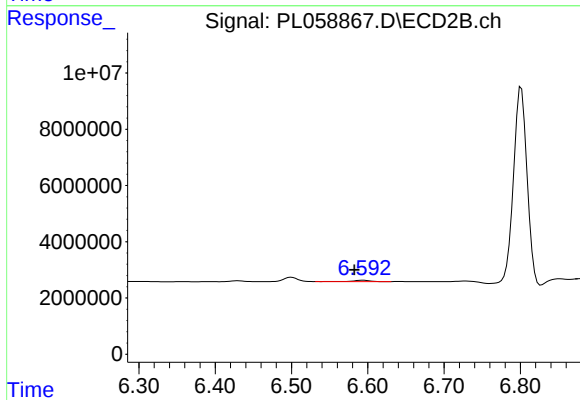
R.T.: 6.430 min
Delta R.T.: 0.001 min
Response: 371486
Conc: 0.13 ng/ml



#13 Dieldrin

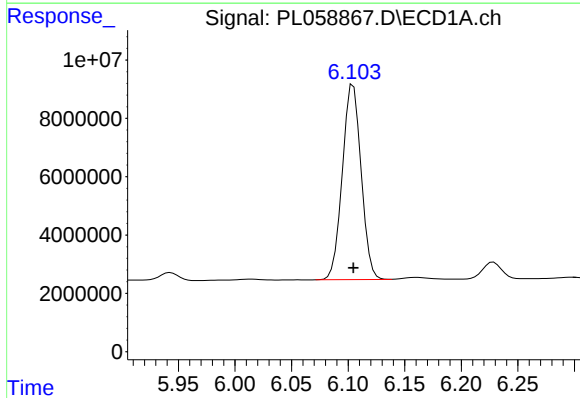
R.T.: 0.000 min
Exp R.T.: 5.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



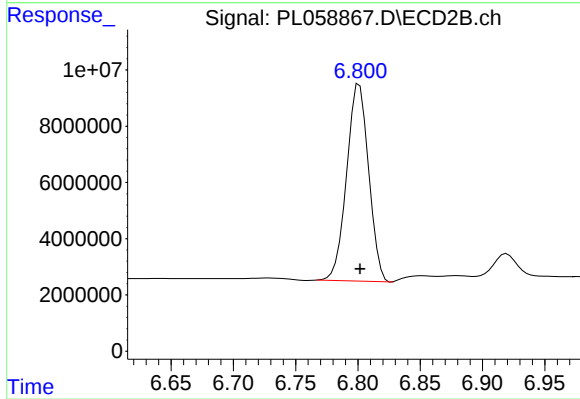
#13 Dieldrin

R.T.: 6.594 min
Delta R.T.: 0.011 min
Response: 765915
Conc: 0.25 ng/ml



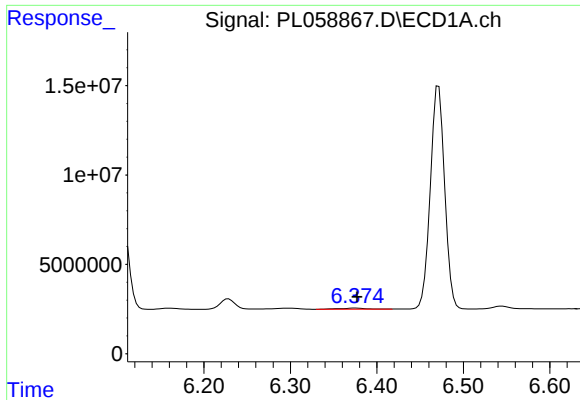
#14 Endrin

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 77315342
Conc: 49.33 ng/ml



#14 Endrin

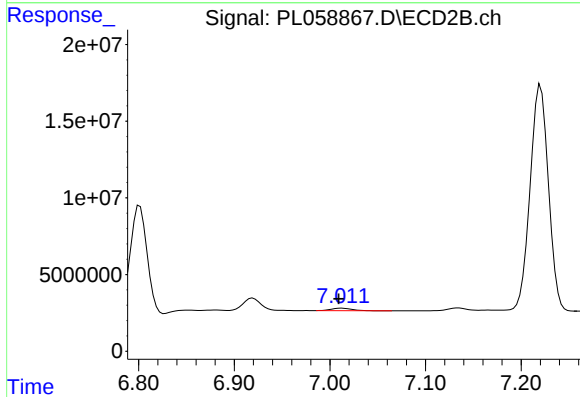
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 86536241
Conc: 34.68 ng/ml



#15 Endosulfan II

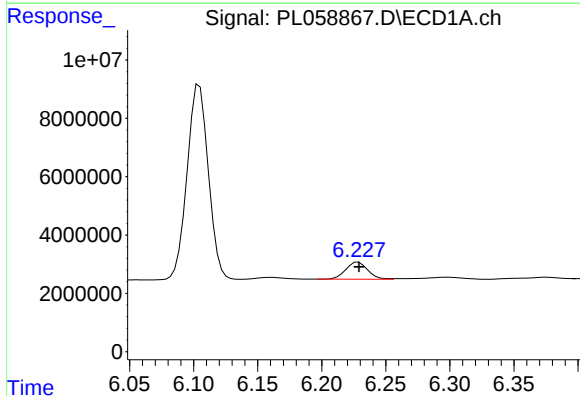
R.T.: 6.376 min
Delta R.T.: -0.001 min
Response: 1457791
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



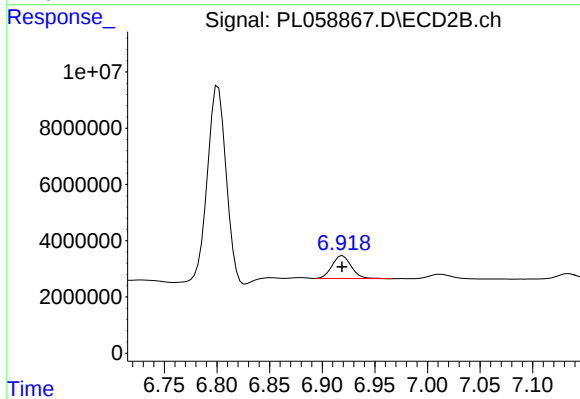
#15 Endosulfan II

R.T.: 7.012 min
Delta R.T.: 0.003 min
Response: 2484821
Conc: 0.89 ng/ml



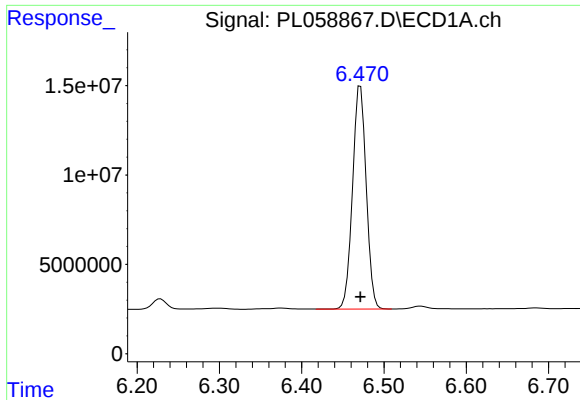
#16 4,4'-DDD

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 7024237
Conc: 4.96 ng/ml



#16 4,4'-DDD

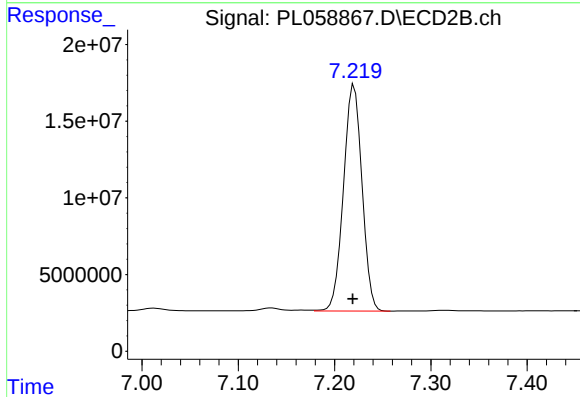
R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 10301536
Conc: 4.32 ng/ml



#17 4,4'-DDT

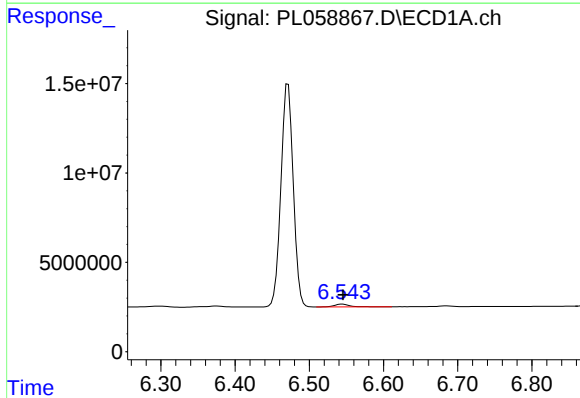
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 144236727
Conc: 99.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



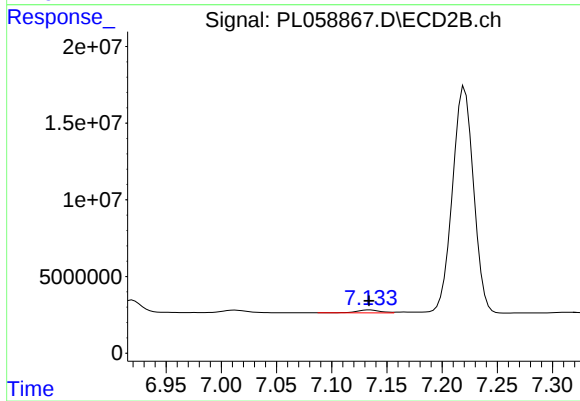
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: 0.002 min
Response: 196696564
Conc: 82.71 ng/ml



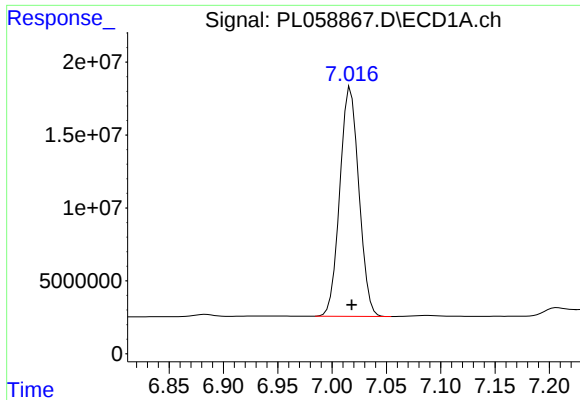
#18 Endrin aldehyde

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 2248417
Conc: 1.59 ng/ml



#18 Endrin aldehyde

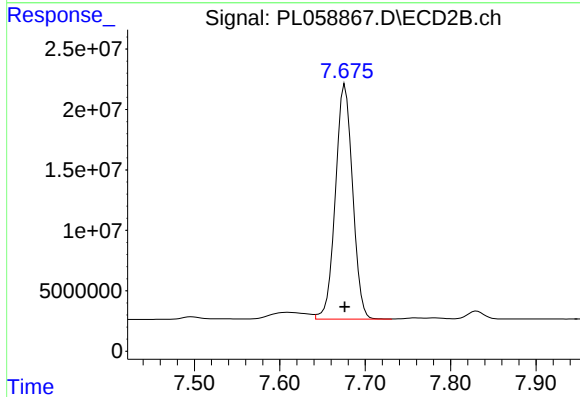
R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 2864788
Conc: 1.21 ng/ml



#20 Methoxychlor

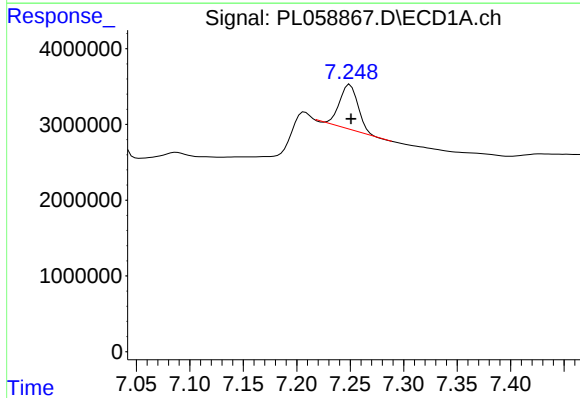
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 192182590
Conc: 225.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



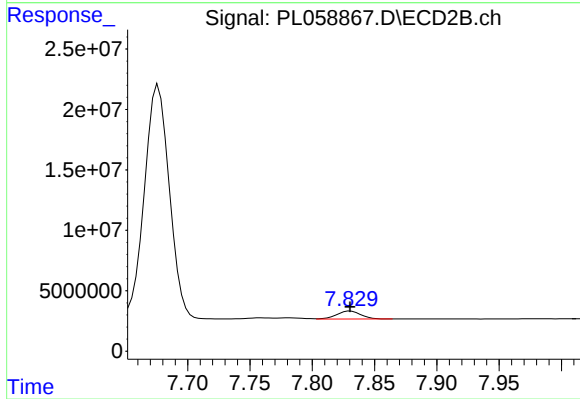
#20 Methoxychlor

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 272333297
Conc: 195.27 ng/ml



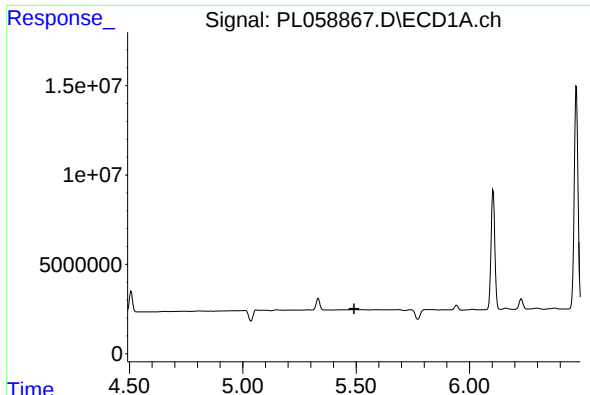
#21 Endrin ketone

R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 6738029
Conc: 3.65 ng/ml



#21 Endrin ketone

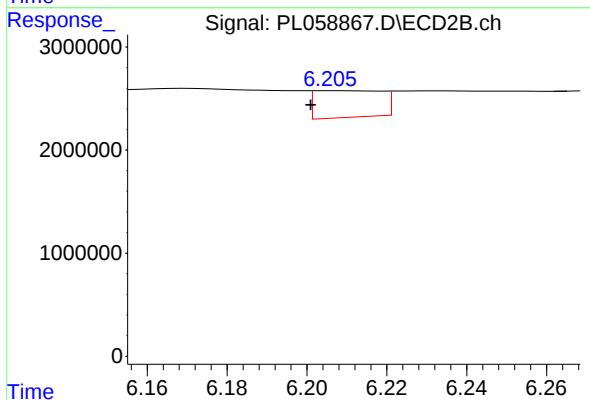
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 8779182
Conc: 3.17 ng/ml



#25 Chlordane-3

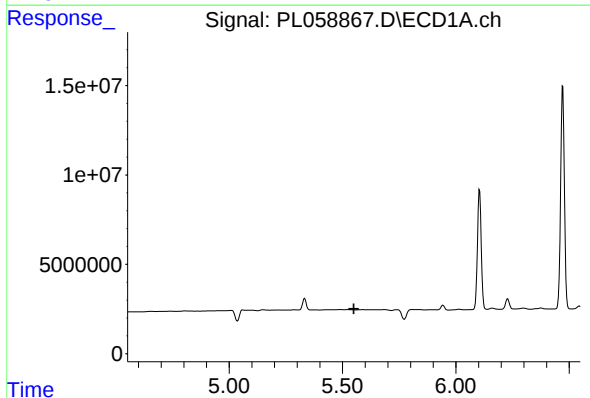
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



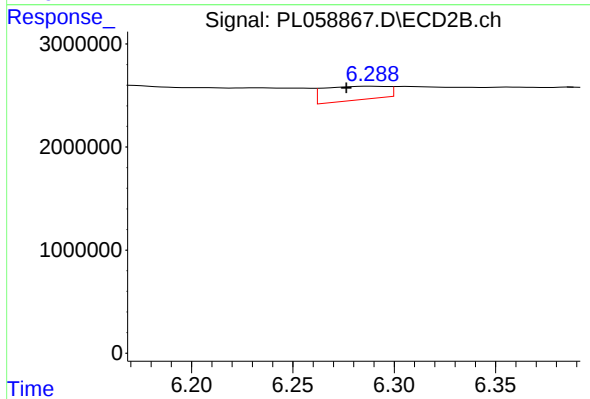
#25 Chlordane-3

R.T.: 6.207 min
Delta R.T.: 0.006 min
Response: 3035959
Conc: 7.98 ng/ml



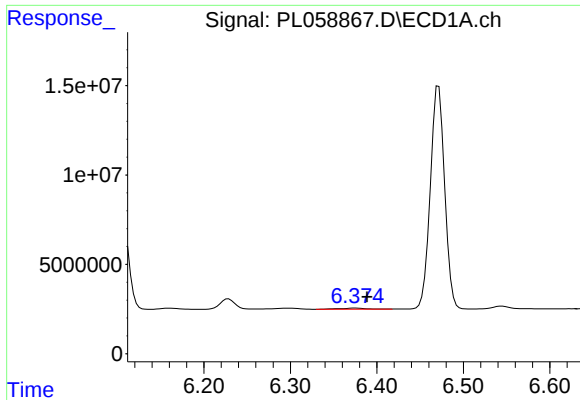
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.



#26 Chlordane-4

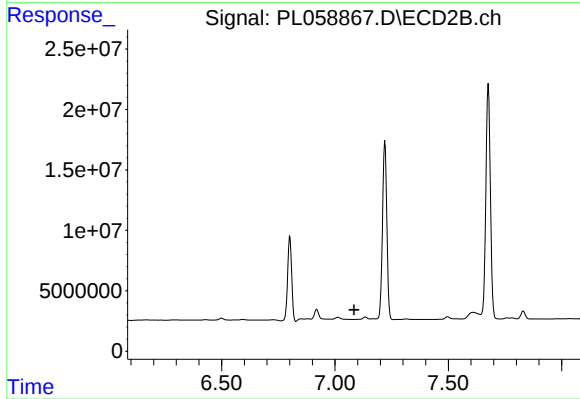
R.T.: 6.289 min
Delta R.T.: 0.013 min
Response: 2883849
Conc: 6.33 ng/ml



#27 Chlordane-5

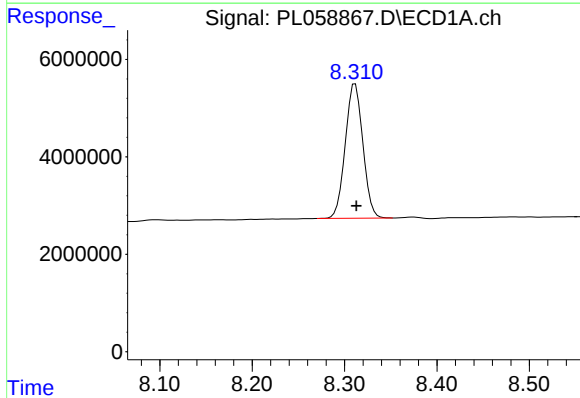
R.T.: 6.376 min
Delta R.T.: -0.013 min
Response: 1457791
Conc: 27.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



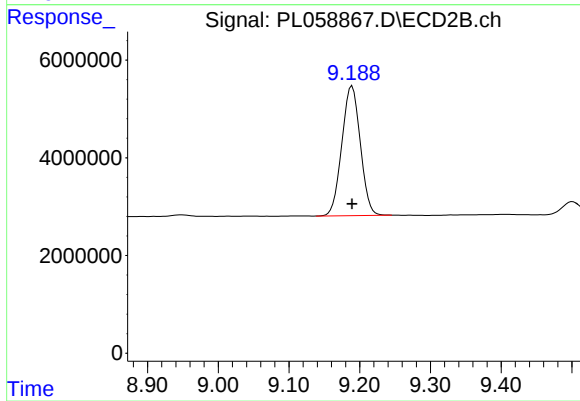
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.085 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.312 min
Delta R.T.: -0.001 min
Response: 36548024
Conc: 21.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 48184161
Conc: 18.28 ng/ml