

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041620\
 Data File : PL058084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2020 20:47
 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: Apr 17 01:09:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 04 06:41:11 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...	3.456	3.954	243.0E6	48780781	24.101	22.478
28)	SA Decachlor...	8.202	8.974	232.9E6	52627960	22.593	23.560
Target Compounds							
2)	A alpha-BHC	3.892	4.342	195.3E6	33363693	11.243	10.161
3)	MA gamma-BHC...	4.176	4.624	154.0E6	32918787	10.596	10.133
4)	MA Heptachlor	0.000	5.135	0	1050945	N.D.	0.313 #
5)	MB Aldrin	4.719	0.000	650022	0	0.044	N.D. #
6)	B beta-BHC	4.428	4.797	77844025	16473619	12.326	11.864
8)	B Heptachlo...	0.000	5.802	0	4569017	N.D.	1.692 #
9)	A Endosulfan I	0.000	6.177	0	601820	N.D.	0.202 #
11)	B alpha-Chl...	5.447	0.000	8515555	0	0.640	N.D. #
12)	B 4,4'-DDE	5.613	6.275	1650321	476137	0.126	0.161 #
14)	MA Endrin	6.005	6.637	708.9E6	144.8E6	60.731	57.953
15)	B Endosulfa...	0.000	6.863	0	1043885	N.D.	0.402 #
16)	A 4,4'-DDD	6.131	6.764	4280883	1209996	0.428	0.530
17)	MA 4,4'-DDT	6.371	7.061	1269.6E6	258.0E6	125.089	115.823
18)	B Endrin al...	6.439	0.000	3329637	0	0.356	N.D. #
20)	A Methoxychlor	6.916	7.520	1482.6E6	328.2E6	268.939	258.038
21)	B Endrin ke...	7.147	7.660	7721151	1527998	0.694	0.618
22)	Mirex	7.325f	0.000	497923	0	0.061	N.D. #
23)	Chlordane-1	4.352f	0.000	1292467	0	3.495	N.D. #
26)	Chlordane-4	5.447	0.000	8515555	0	8.186	N.D. #
27)	Chlordane-5	0.000	6.927	0	596400	N.D.	6.995 #

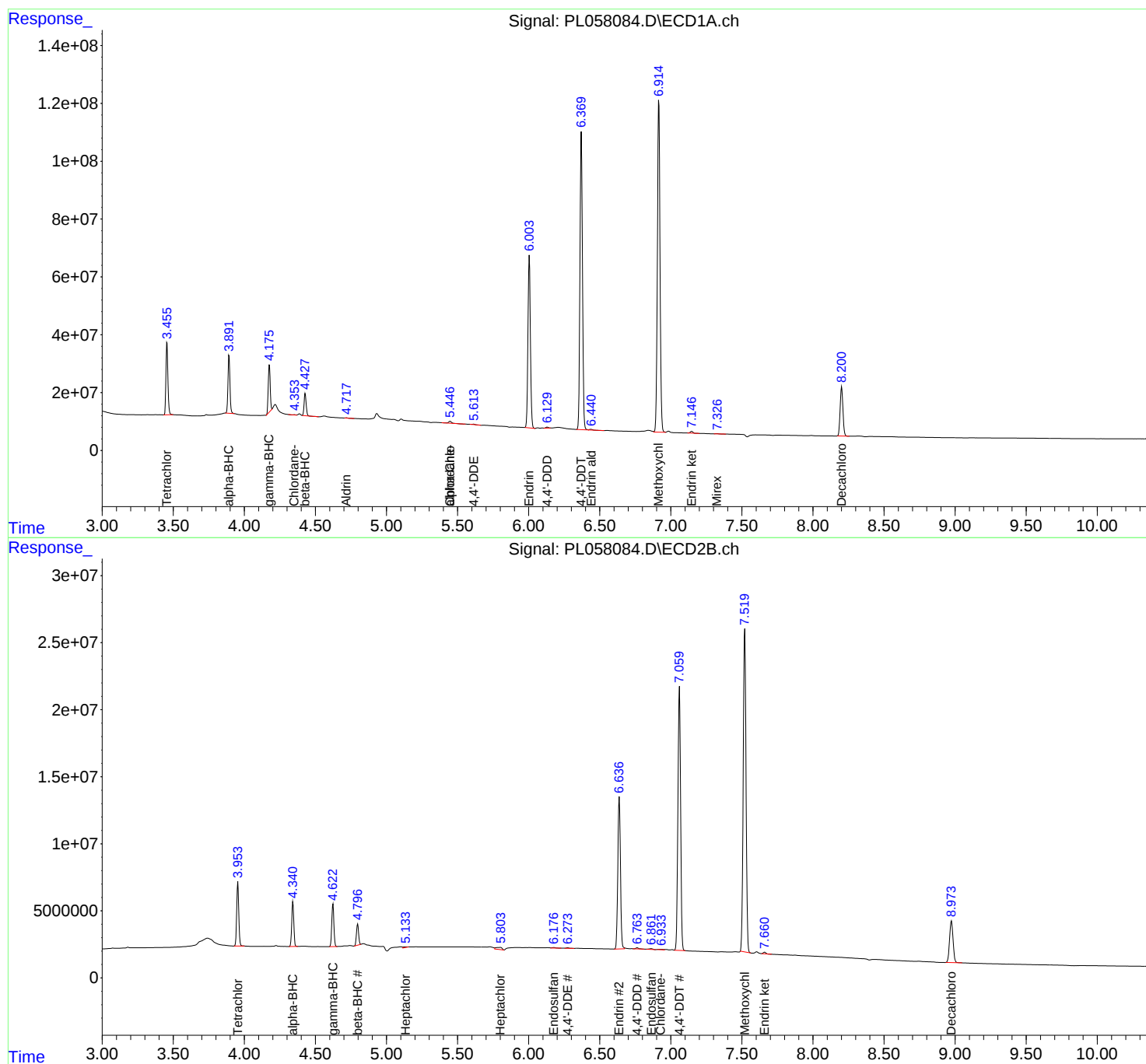
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

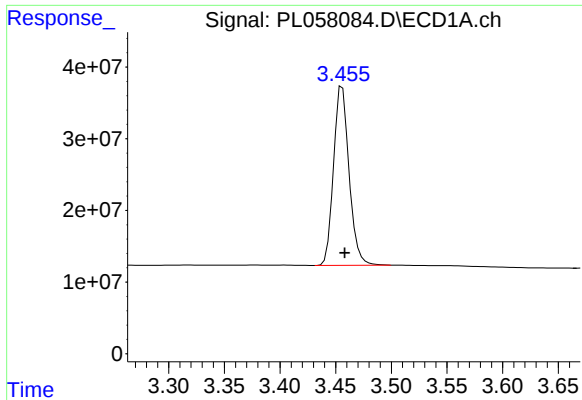
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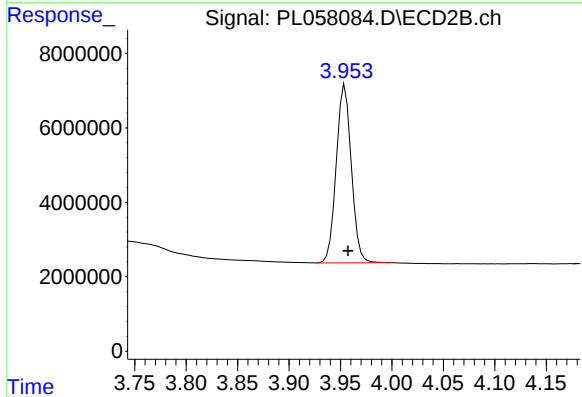




#1 Tetrachloro-m-xylene

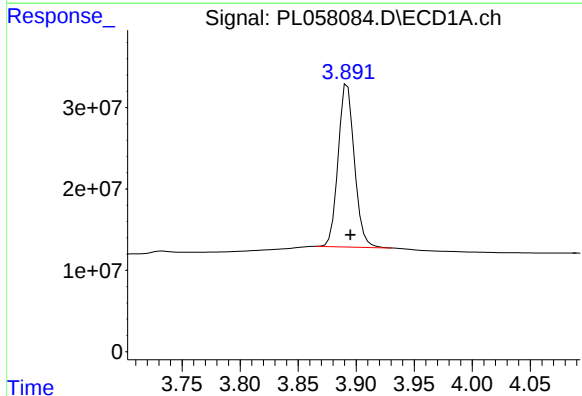
R.T.: 3.456 min
Delta R.T.: -0.002 min
Response: 242960474
Conc: 24.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



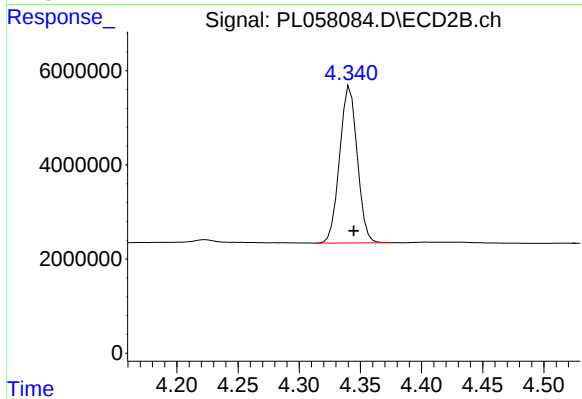
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 48780781
Conc: 22.48 ng/ml



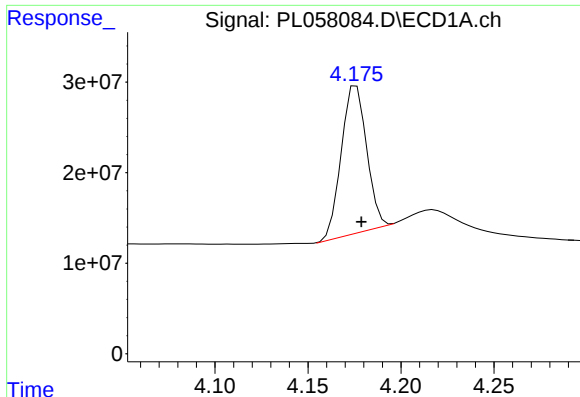
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 195311674
Conc: 11.24 ng/ml



#2 alpha-BHC

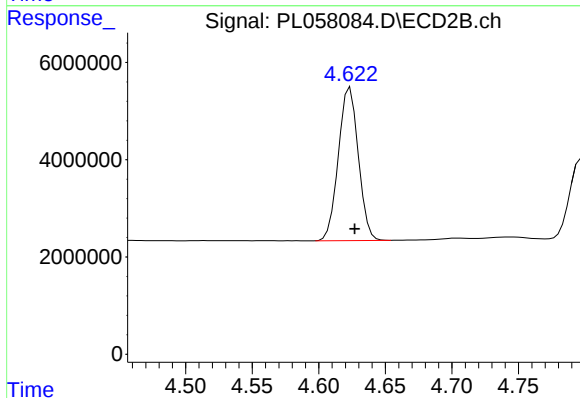
R.T.: 4.342 min
Delta R.T.: -0.003 min
Response: 33363693
Conc: 10.16 ng/ml



#3 gamma-BHC (Lindane)

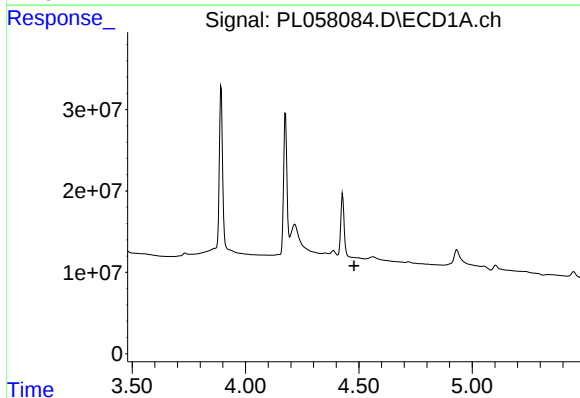
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 154018079
Conc: 10.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



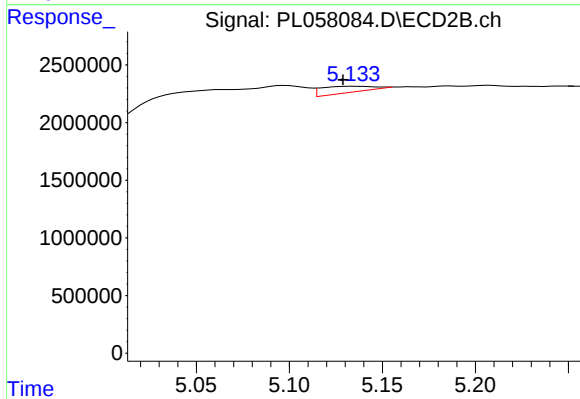
#3 gamma-BHC (Lindane)

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 32918787
Conc: 10.13 ng/ml



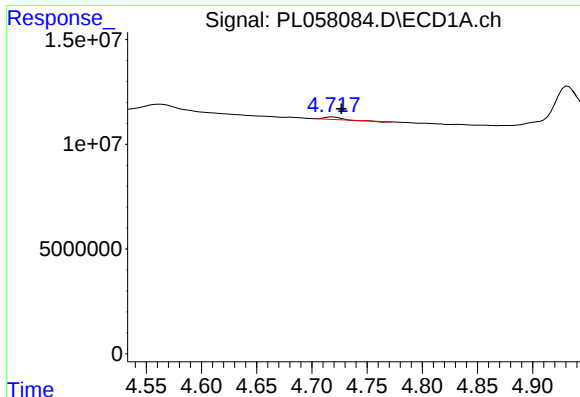
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.479 min
Response: 0
Conc: N.D.



#4 Heptachlor

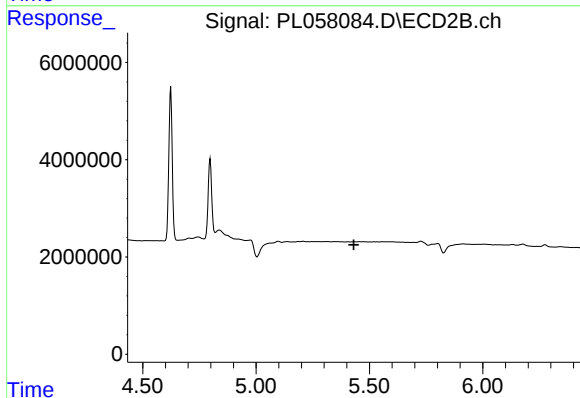
R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 1050945
Conc: 0.31 ng/ml



#5 Aldrin

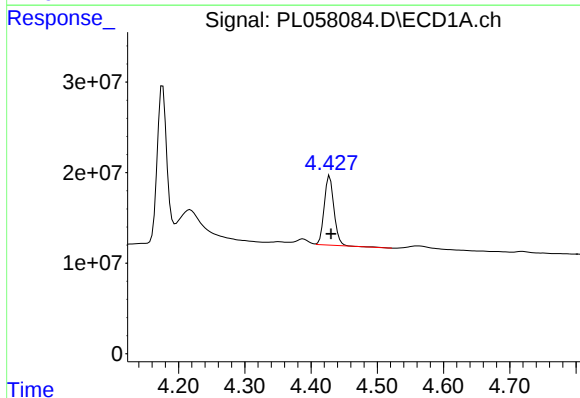
R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 650022
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



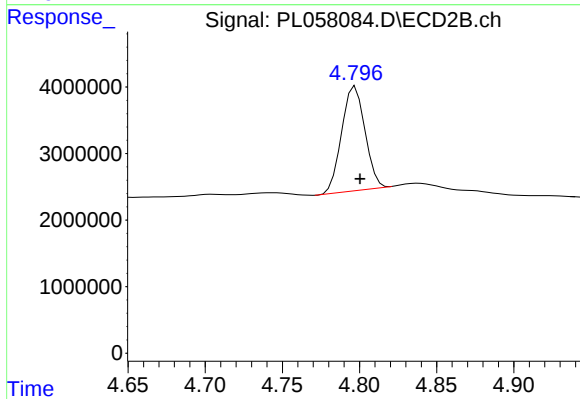
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



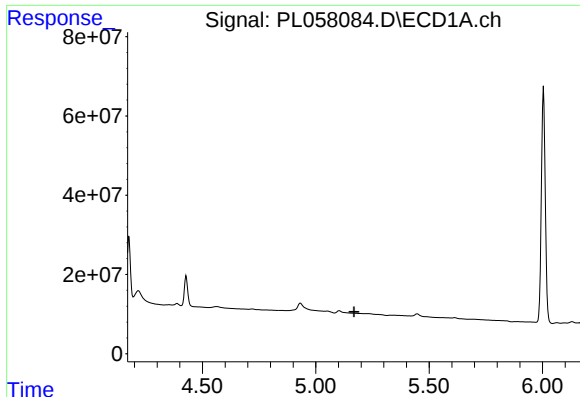
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 77844025
Conc: 12.33 ng/ml



#6 beta-BHC

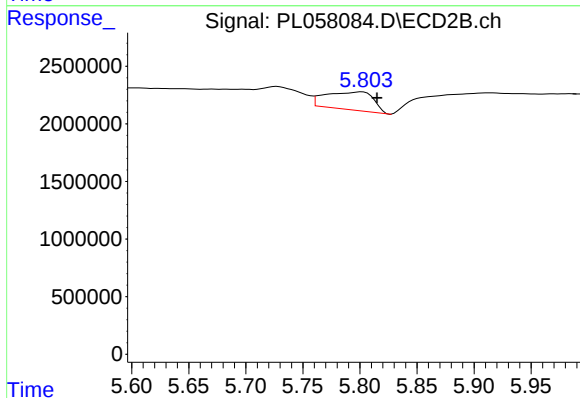
R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 16473619
Conc: 11.86 ng/ml



#8 Heptachlor epoxide

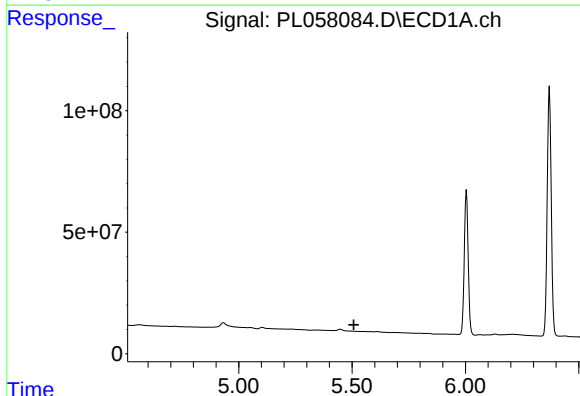
R.T.: 0.000 min
Exp R.T.: 5.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



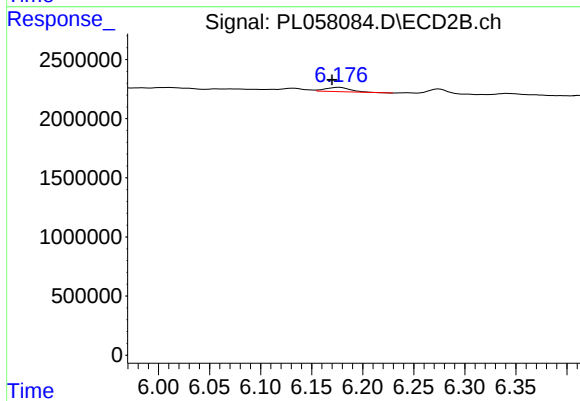
#8 Heptachlor epoxide

R.T.: 5.802 min
Delta R.T.: -0.013 min
Response: 4569017
Conc: 1.69 ng/ml



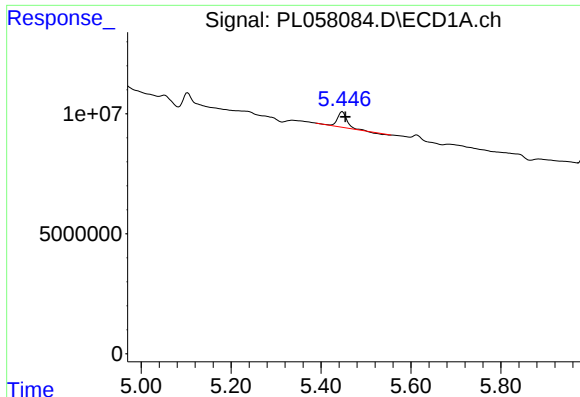
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.508 min
Response: 0
Conc: N.D.



#9 Endosulfan I

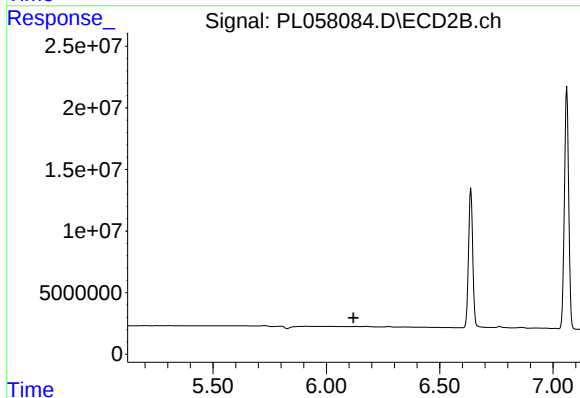
R.T.: 6.177 min
Delta R.T.: 0.007 min
Response: 601820
Conc: 0.20 ng/ml



#11 alpha-Chlordane

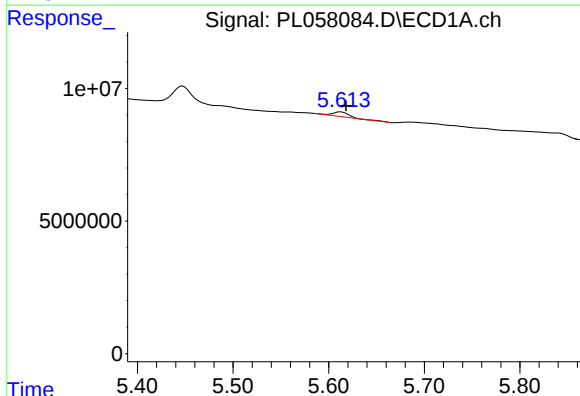
R.T.: 5.447 min
Delta R.T.: -0.007 min
Response: 8515555
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



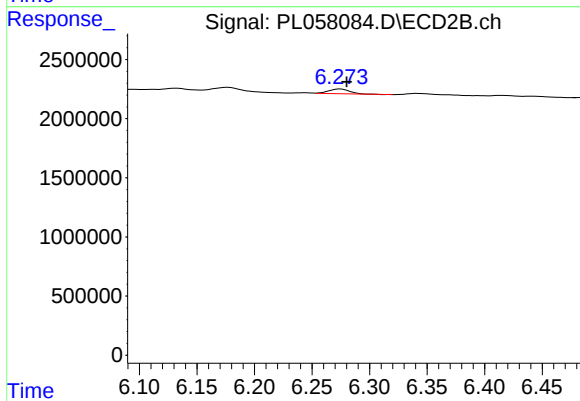
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.120 min
Response: 0
Conc: N.D.



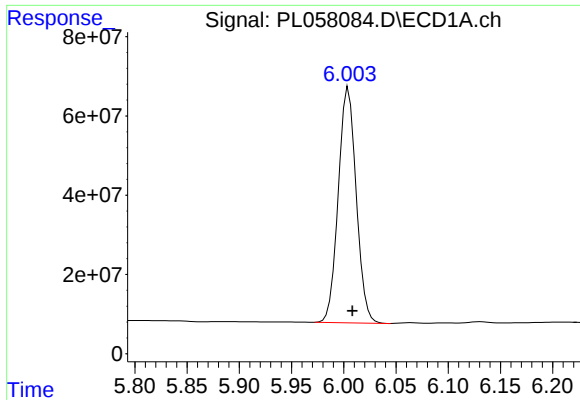
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 1650321
Conc: 0.13 ng/ml



#12 4,4'-DDE

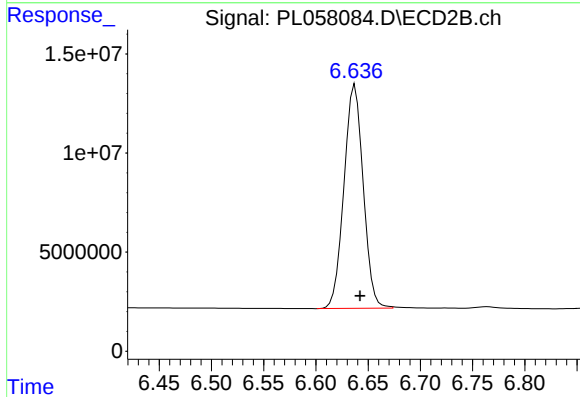
R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 476137
Conc: 0.16 ng/ml



#14 Endrin

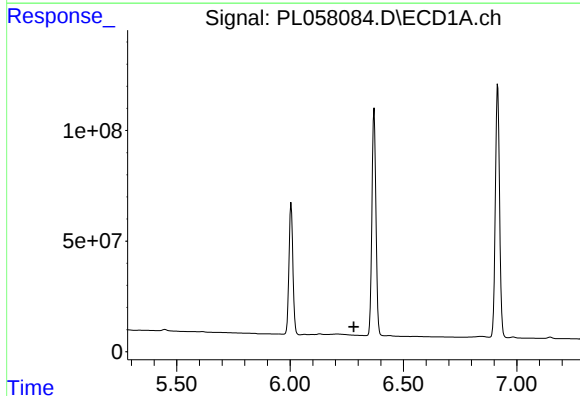
R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 708900819
Conc: 60.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



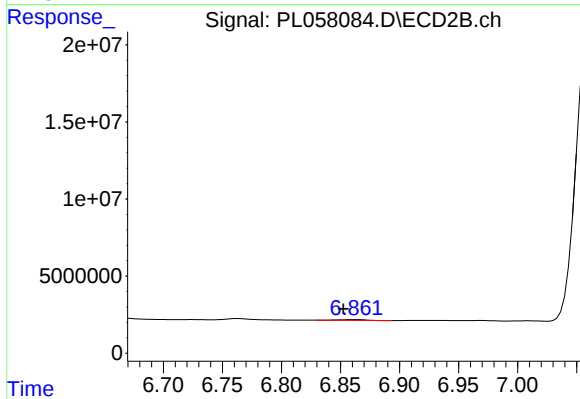
#14 Endrin

R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 144798284
Conc: 57.95 ng/ml



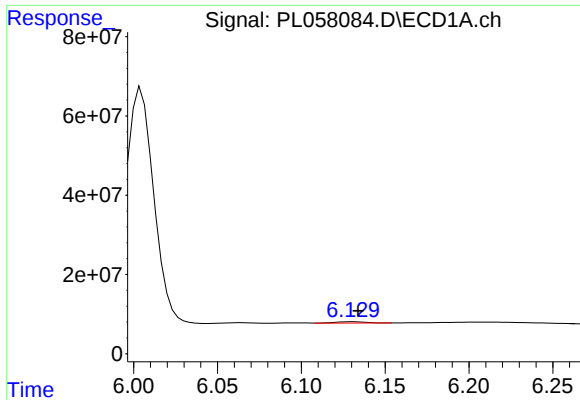
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.282 min
Response: 0
Conc: N.D.



#15 Endosulfan II

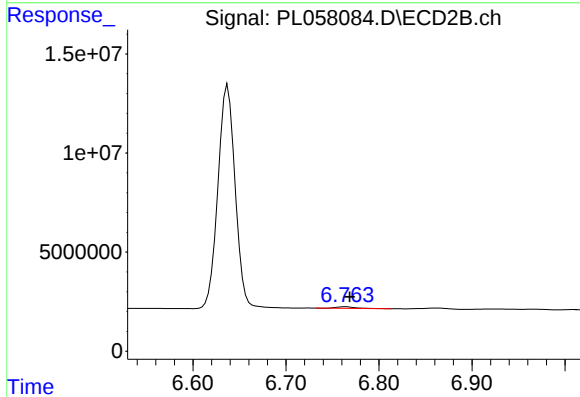
R.T.: 6.863 min
Delta R.T.: 0.010 min
Response: 1043885
Conc: 0.40 ng/ml



#16 4,4'-DDD

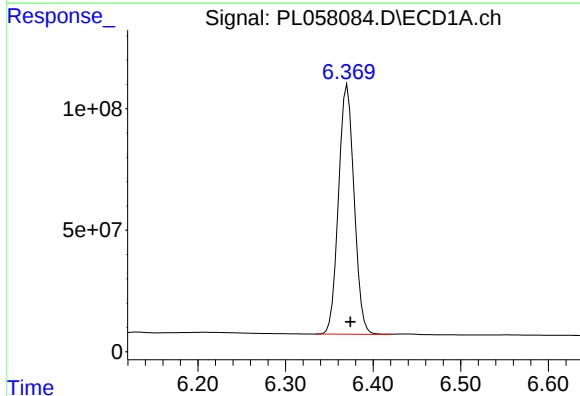
R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 4280883
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



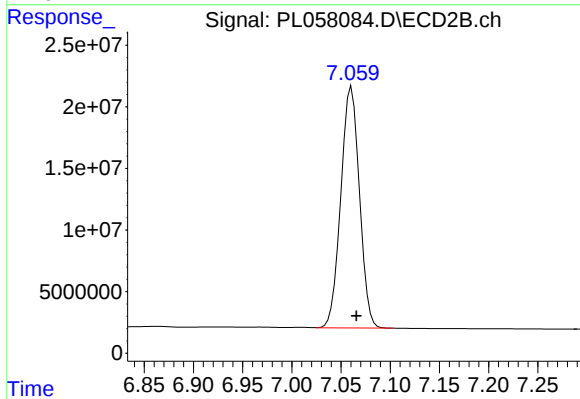
#16 4,4'-DDD

R.T.: 6.764 min
Delta R.T.: -0.005 min
Response: 1209996
Conc: 0.53 ng/ml



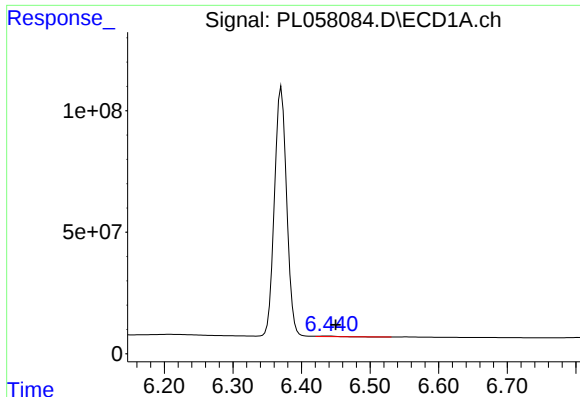
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 1269582795
Conc: 125.09 ng/ml



#17 4,4'-DDT

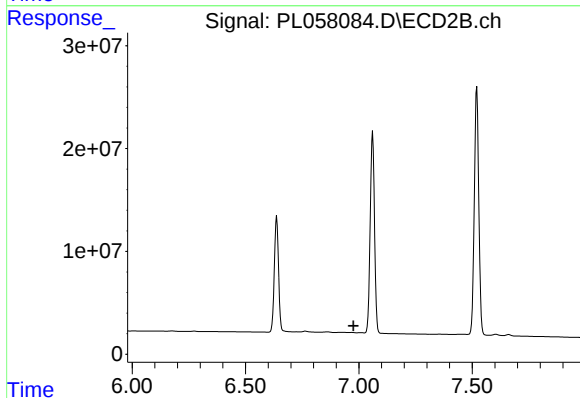
R.T.: 7.061 min
Delta R.T.: -0.005 min
Response: 257982460
Conc: 115.82 ng/ml



#18 Endrin aldehyde

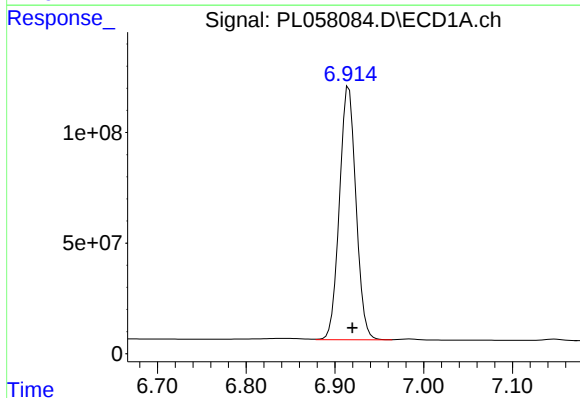
R.T.: 6.439 min
Delta R.T.: -0.011 min
Response: 3329637
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



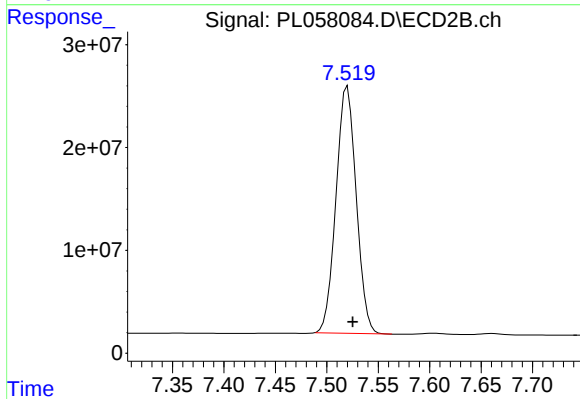
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.976 min
Response: 0
Conc: N.D.



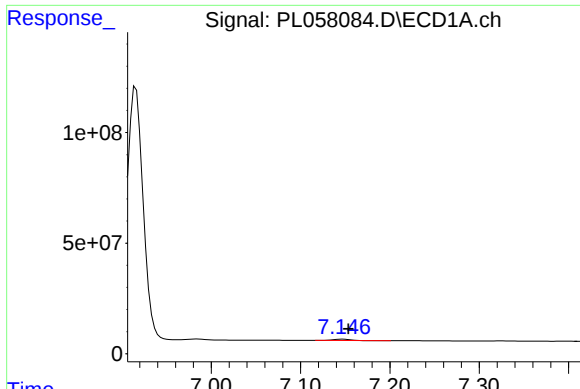
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 1482556734
Conc: 268.94 ng/ml



#20 Methoxychlor

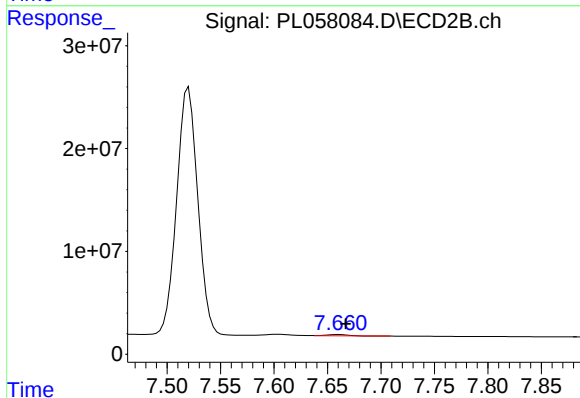
R.T.: 7.520 min
Delta R.T.: -0.005 min
Response: 328229248
Conc: 258.04 ng/ml



#21 Endrin ketone

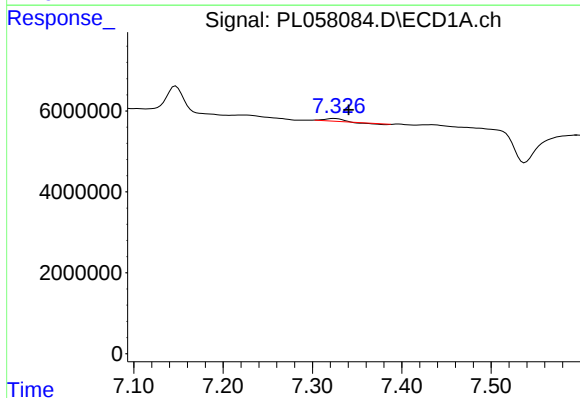
R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 7721151
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



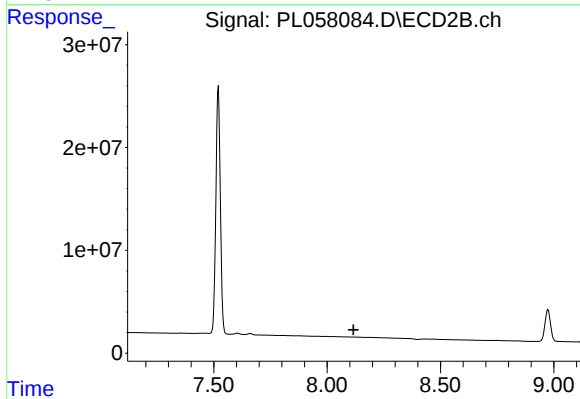
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.007 min
Response: 1527998
Conc: 0.62 ng/ml



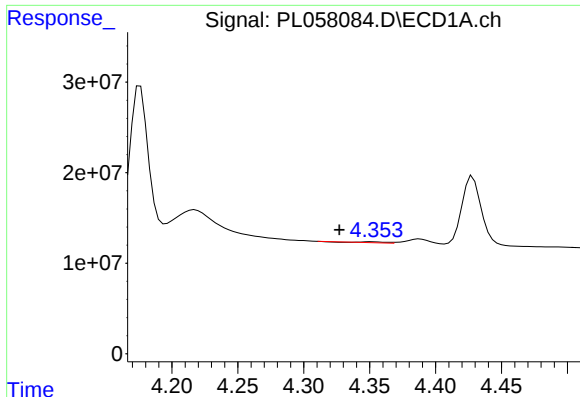
#22 Mirex

R.T.: 7.325 min
Delta R.T.: -0.016 min
Response: 497923
Conc: 0.06 ng/ml



#22 Mirex

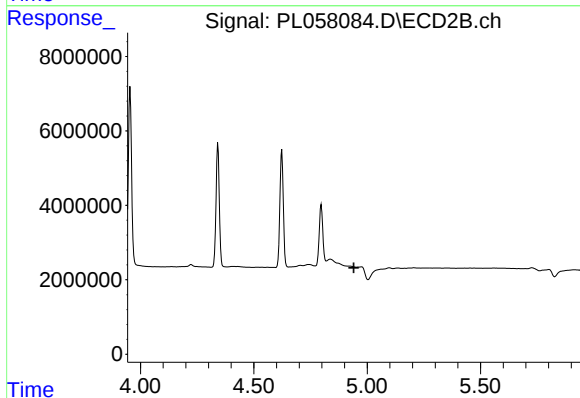
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.



#23 Chlordane-1

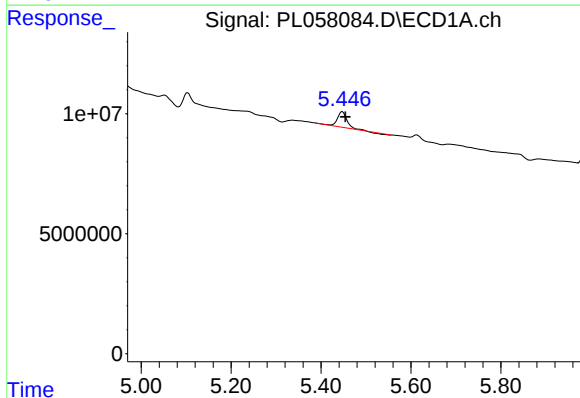
R.T.: 4.352 min
Delta R.T.: 0.025 min
Response: 1292467
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



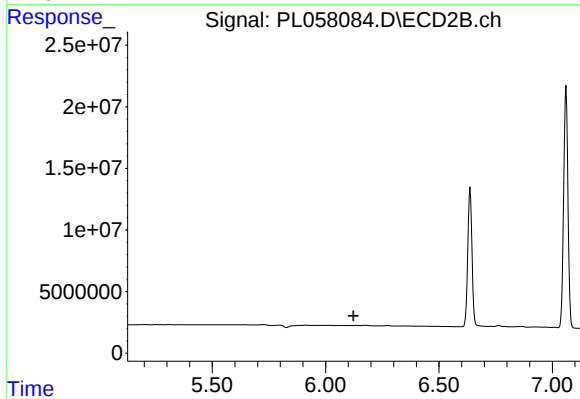
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



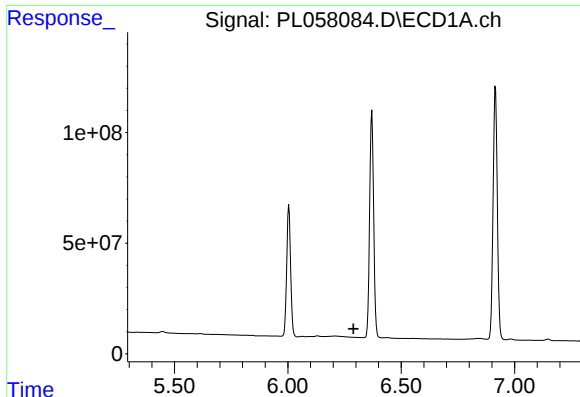
#26 Chlordane-4

R.T.: 5.447 min
Delta R.T.: -0.007 min
Response: 8515555
Conc: 8.19 ng/ml



#26 Chlordane-4

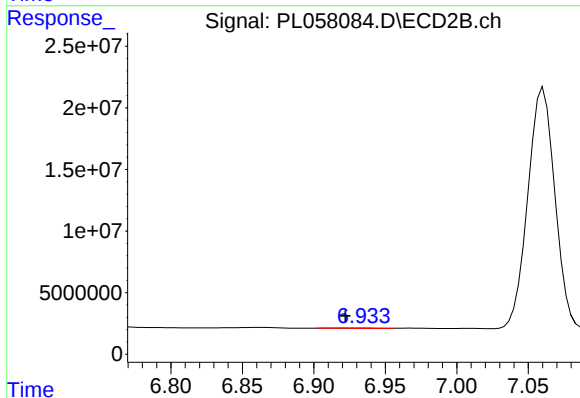
R.T.: 0.000 min
Exp R.T. : 6.123 min
Response: 0
Conc: N.D.



#27 Chlordane-5

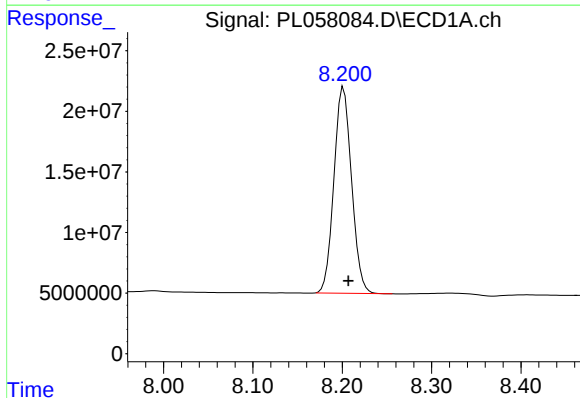
R.T.: 0.000 min
Exp R.T.: 6.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



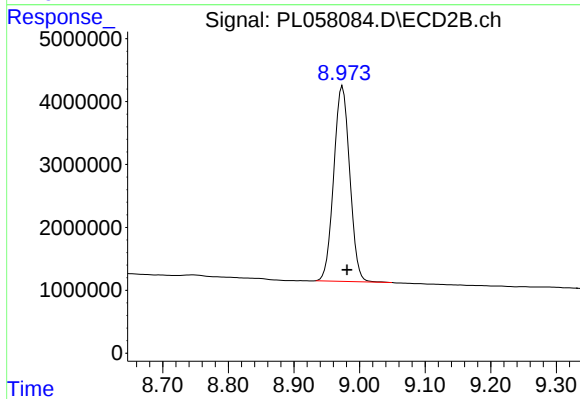
#27 Chlordane-5

R.T.: 6.927 min
Delta R.T.: 0.004 min
Response: 596400
Conc: 6.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: -0.005 min
Response: 232897964
Conc: 22.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: -0.007 min
Response: 52627960
Conc: 23.56 ng/ml