

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071222\
 Data File : PL076388.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 18:38
 Operator : AR\AJ
 Sample : PB146156BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

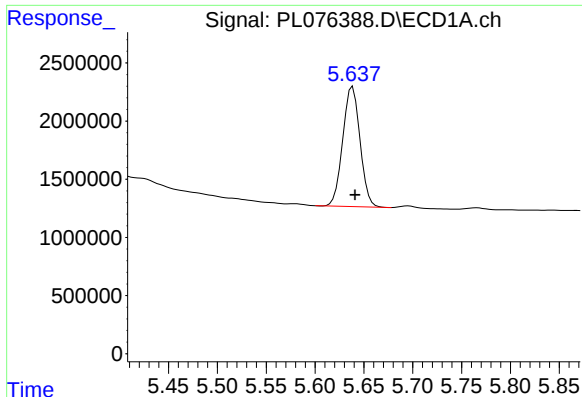
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 23:44:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070822.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 08 16:50:17 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.639	4.623	12711389	34842303	17.645	17.233
28)	SA Decachlor...	11.626	10.359	11242588	29899022	19.056	17.819
Target Compounds							
2)	A alpha-BHC	6.222	5.324	48620571	135.6E6	51.878	49.433
3)	MA gamma-BHC...	6.620	5.745	45896168	125.5E6	52.371	50.989
4)	MA Heptachlor	7.274	6.151	46394541	125.5E6	53.511	51.728
5)	MB Aldrin	7.648	6.474	41965147	114.1E6	54.019	52.620
6)	B beta-BHC	6.873	6.124	21690204	52994023	49.345	48.456
7)	B delta-BHC	7.143	6.384	42954302	122.2E6	64.149	51.047
8)	B Heptachlo...	8.116	7.047	48828622	103.5E6	62.720	52.500
9)	A Endosulfan I	8.523	7.448	36197332	92957469	53.588	50.410
10)	B gamma-Chl...	8.385	7.323	38563650	104.5E6	53.065	52.409
11)	B alpha-Chl...	8.467	7.392	38561932	102.9E6	53.284	51.194
12)	B 4,4'-DDE	8.652	7.604	33625560	93985563	54.241	51.136
13)	MA Dieldrin	8.813	7.733	36360623	98806947	53.822	52.232
14)	MA Endrin	9.054	8.023	30371691	92173512	52.785	63.757
15)	B Endosulfa...	9.288	8.334	30742687	78787577	51.457	50.978
16)	A 4,4'-DDD	9.194	8.188	28306780	77415359	54.179	53.391
17)	MA 4,4'-DDT	9.513	8.447	30679266	79343570	51.643	50.748
18)	B Endrin al...	9.423	8.521	24693594	63083337	51.163	50.342
19)	B Endosulfa...	9.661	8.751	30704223	82572175	51.430	51.926
20)	A Methoxychlor	9.997	9.039	893508	41818486	2.666	49.022 #
21)	B Endrin ke...	10.163	9.267	34796956	303.5E6	51.472	180.366 #
22)	Mirex	10.635	9.454	27223139	60055079	53.229	45.410
23)	Chlordane-1	7.042	0.000	741256	0	33.109	N.D. #
24)	Chlordane-2	7.648f	0.000	41965147	0	1692.870	N.D. #
25)	Chlordane-3	8.385	7.323	38563650	104.5E6	448.013	617.114 #
26)	Chlordane-4	8.467	7.392	38561932	102.9E6	361.180	558.119 #

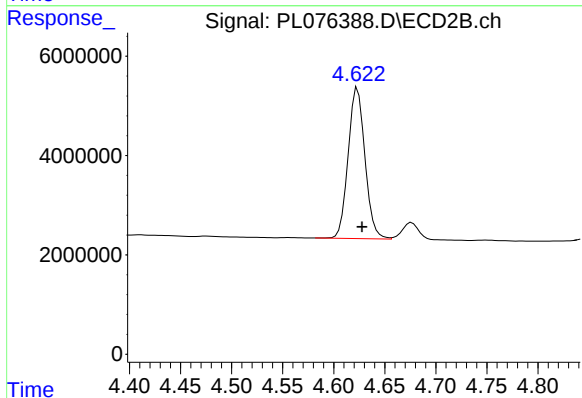
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

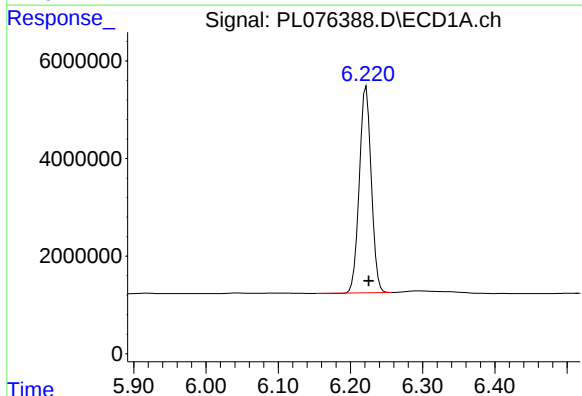
R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 12711389
Conc: 17.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



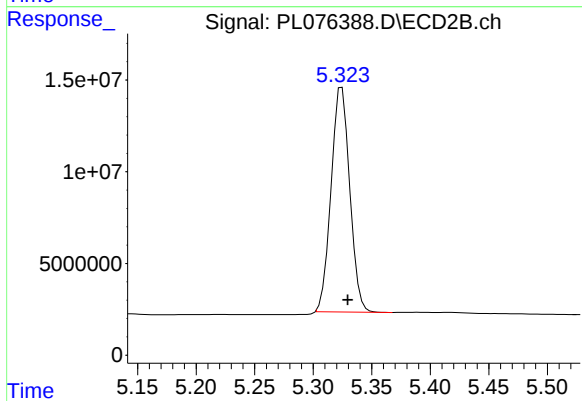
#1 Tetrachloro-m-xylene

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 34842303
Conc: 17.23 ng/ml



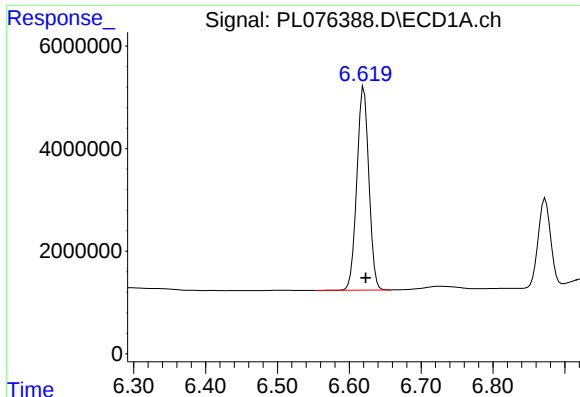
#2 alpha-BHC

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 48620571
Conc: 51.88 ng/ml



#2 alpha-BHC

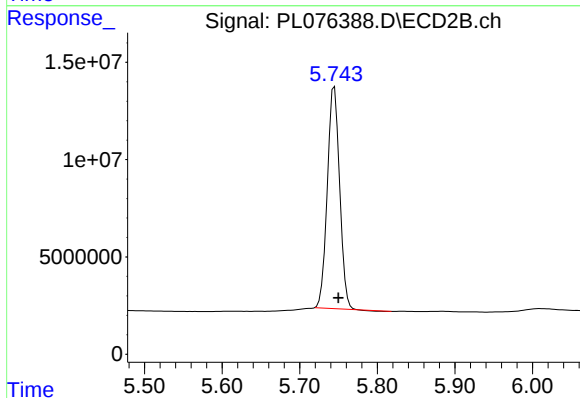
R.T.: 5.324 min
Delta R.T.: -0.005 min
Response: 135579870
Conc: 49.43 ng/ml



#3 gamma-BHC (Lindane)

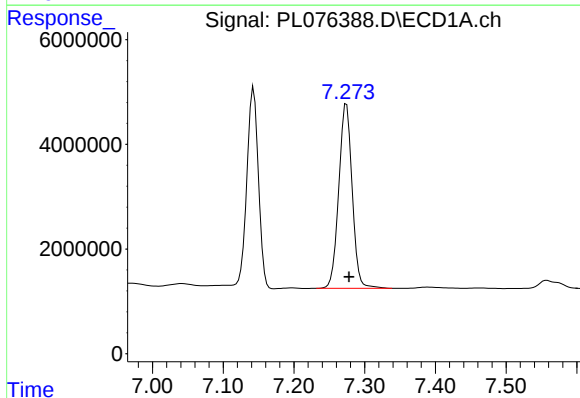
R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 45896168
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



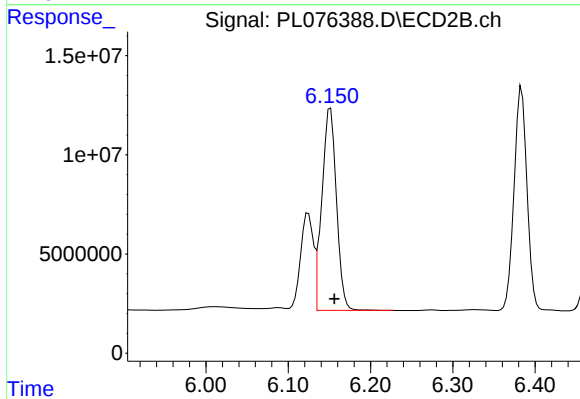
#3 gamma-BHC (Lindane)

R.T.: 5.745 min
Delta R.T.: -0.005 min
Response: 125497319
Conc: 50.99 ng/ml



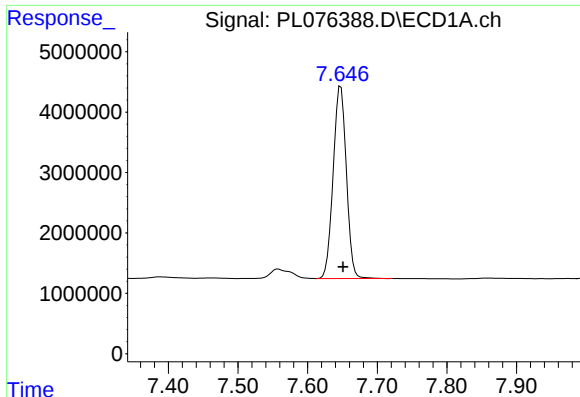
#4 Heptachlor

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 46394541
Conc: 53.51 ng/ml



#4 Heptachlor

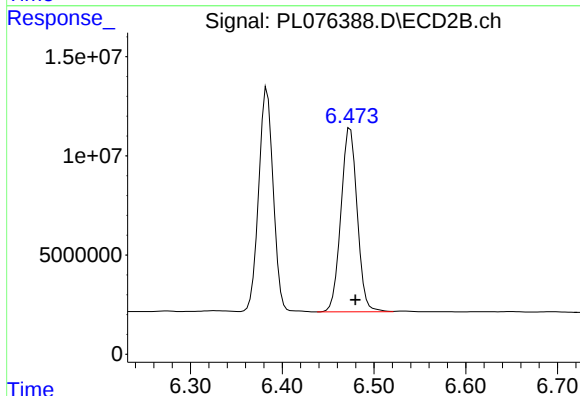
R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 125487737
Conc: 51.73 ng/ml



#5 Aldrin

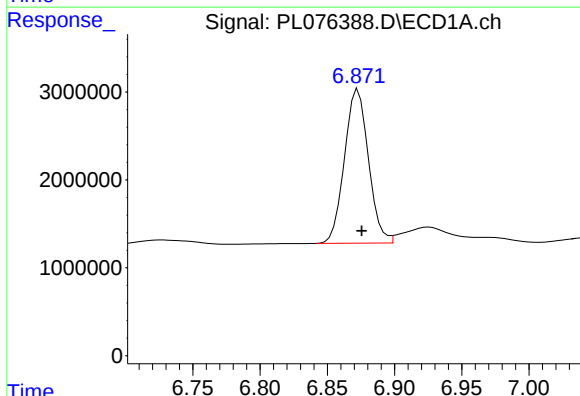
R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 41965147
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



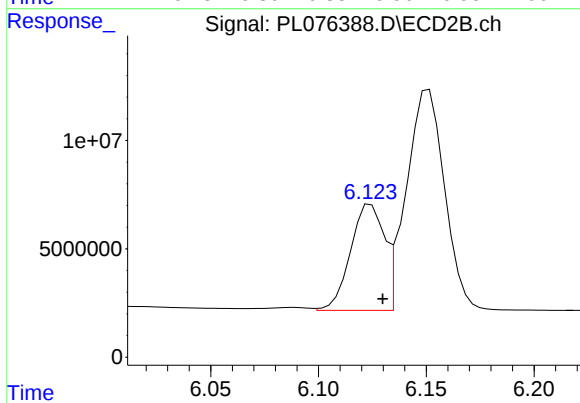
#5 Aldrin

R.T.: 6.474 min
Delta R.T.: -0.005 min
Response: 114071581
Conc: 52.62 ng/ml



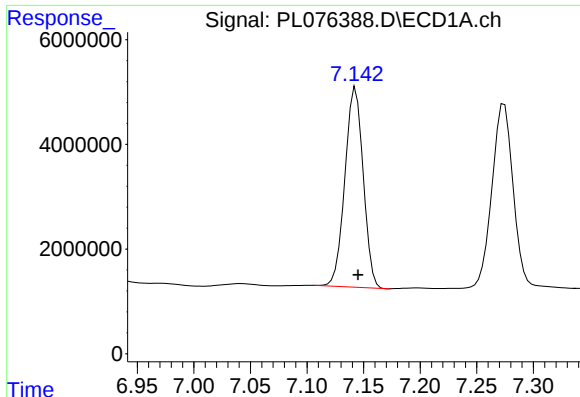
#6 beta-BHC

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 21690204
Conc: 49.35 ng/ml



#6 beta-BHC

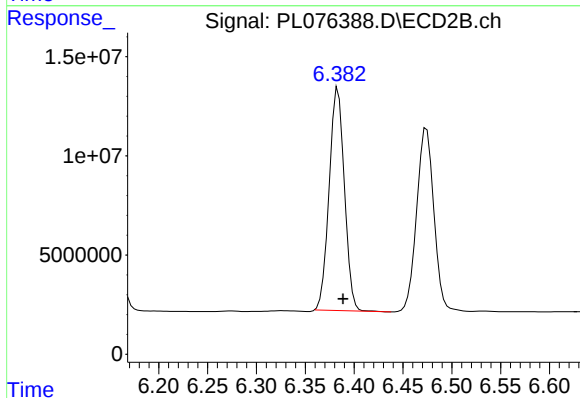
R.T.: 6.124 min
Delta R.T.: -0.005 min
Response: 52994023
Conc: 48.46 ng/ml



#7 delta-BHC

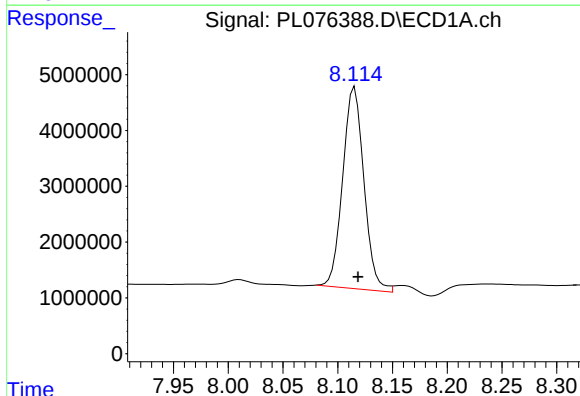
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 42954302
Conc: 64.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



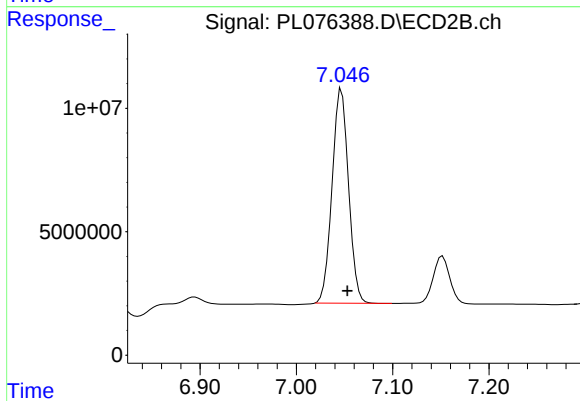
#7 delta-BHC

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 122155500
Conc: 51.05 ng/ml



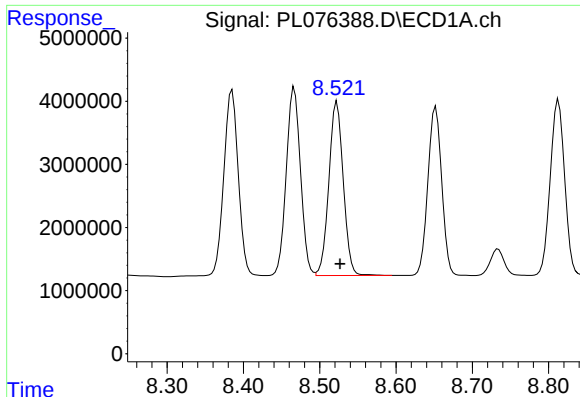
#8 Heptachlor epoxide

R.T.: 8.116 min
Delta R.T.: -0.003 min
Response: 48828622
Conc: 62.72 ng/ml



#8 Heptachlor epoxide

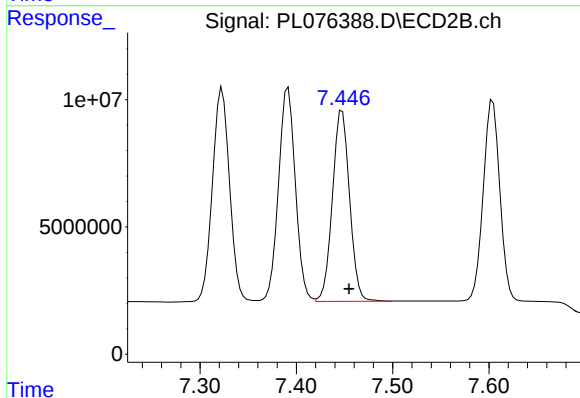
R.T.: 7.047 min
Delta R.T.: -0.006 min
Response: 103476488
Conc: 52.50 ng/ml



#9 Endosulfan I

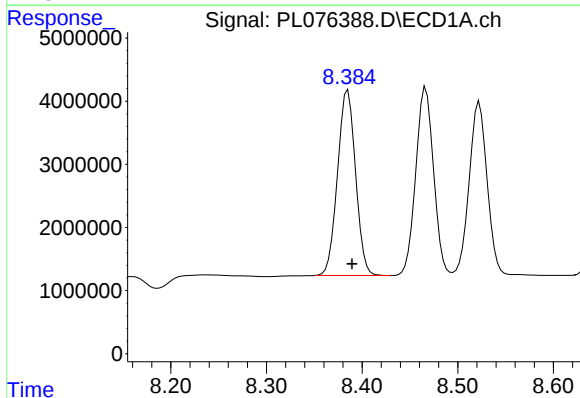
R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 36197332
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



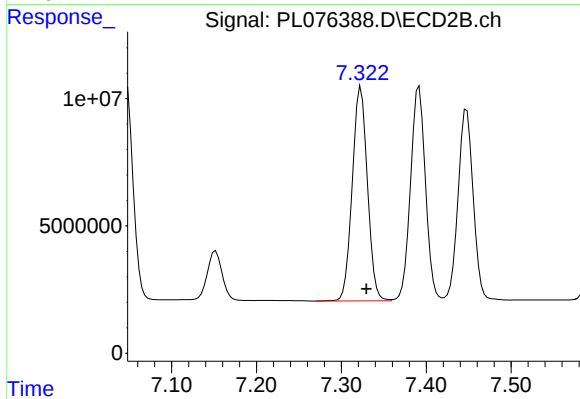
#9 Endosulfan I

R.T.: 7.448 min
Delta R.T.: -0.007 min
Response: 92957469
Conc: 50.41 ng/ml



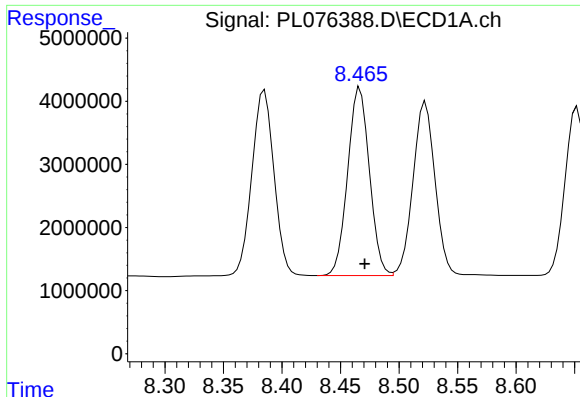
#10 gamma-Chlordane

R.T.: 8.385 min
Delta R.T.: -0.004 min
Response: 38563650
Conc: 53.06 ng/ml



#10 gamma-Chlordane

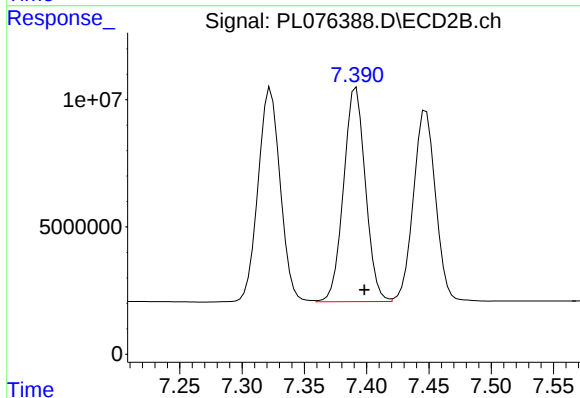
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 104507956
Conc: 52.41 ng/ml



#11 alpha-Chlordane

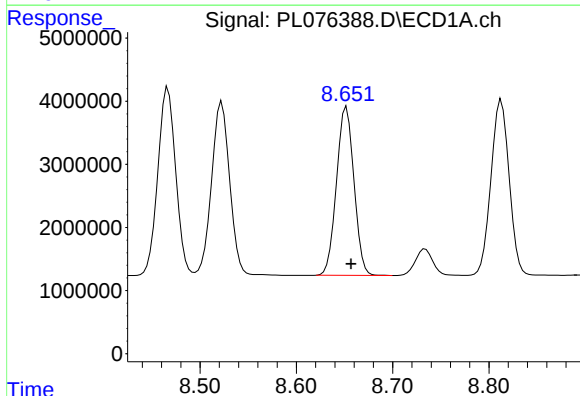
R.T.: 8.467 min
Delta R.T.: -0.004 min
Response: 38561932
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



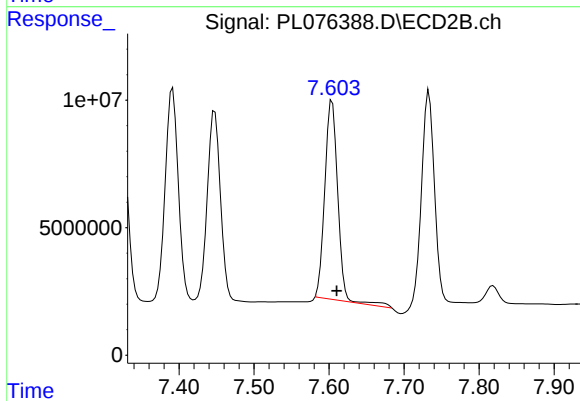
#11 alpha-Chlordane

R.T.: 7.392 min
Delta R.T.: -0.006 min
Response: 102928290
Conc: 51.19 ng/ml



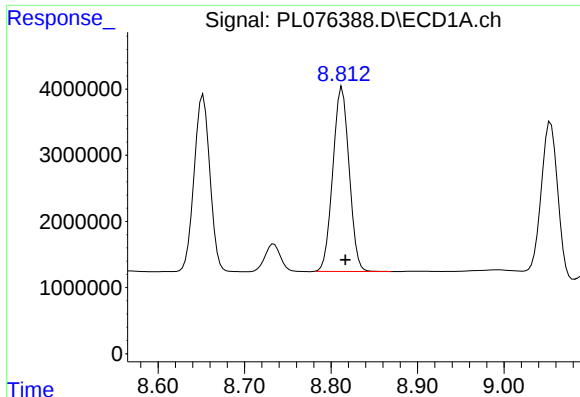
#12 4,4'-DDE

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 33625560
Conc: 54.24 ng/ml



#12 4,4'-DDE

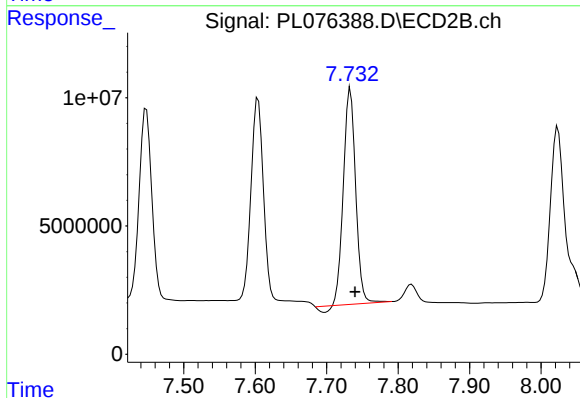
R.T.: 7.604 min
Delta R.T.: -0.006 min
Response: 93985563
Conc: 51.14 ng/ml



#13 Dieldrin

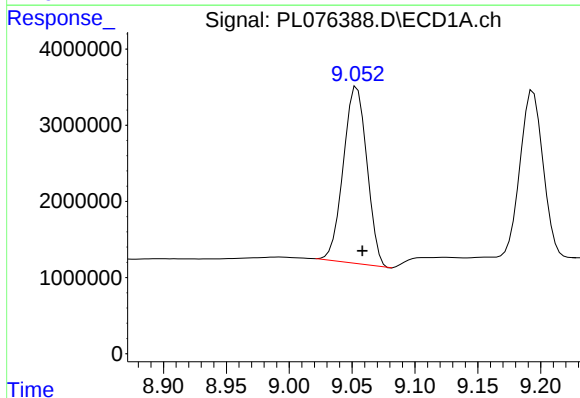
R.T.: 8.813 min
Delta R.T.: -0.004 min
Response: 36360623
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



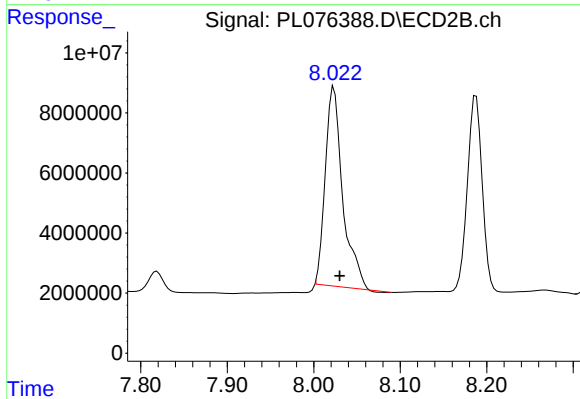
#13 Dieldrin

R.T.: 7.733 min
Delta R.T.: -0.007 min
Response: 98806947
Conc: 52.23 ng/ml



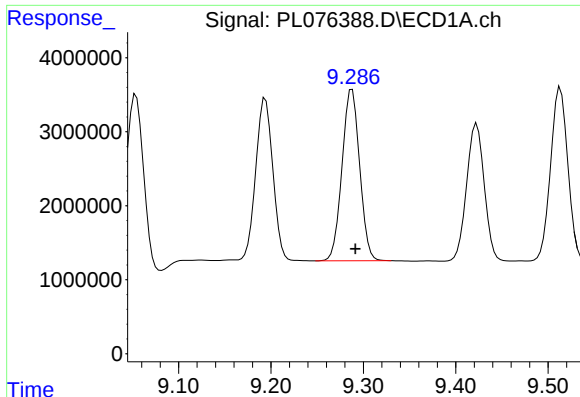
#14 Endrin

R.T.: 9.054 min
Delta R.T.: -0.004 min
Response: 30371691
Conc: 52.79 ng/ml



#14 Endrin

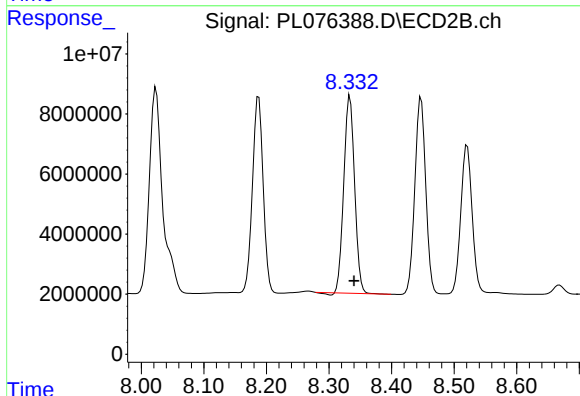
R.T.: 8.023 min
Delta R.T.: -0.007 min
Response: 92173512
Conc: 63.76 ng/ml



#15 Endosulfan II

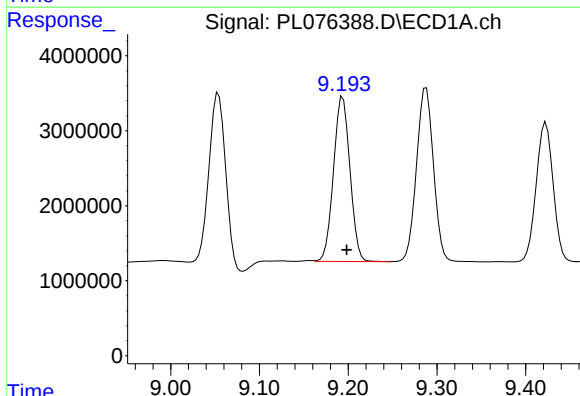
R.T.: 9.288 min
Delta R.T.: -0.004 min
Response: 30742687
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



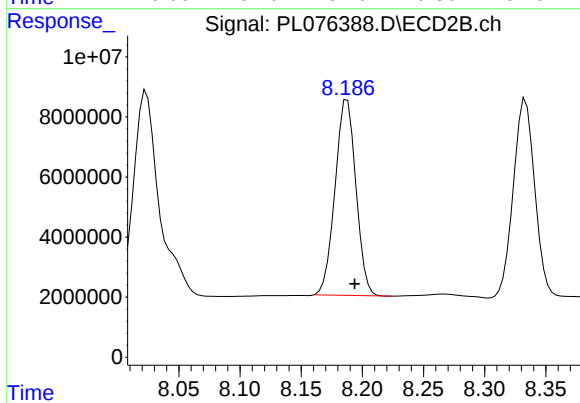
#15 Endosulfan II

R.T.: 8.334 min
Delta R.T.: -0.007 min
Response: 78787577
Conc: 50.98 ng/ml



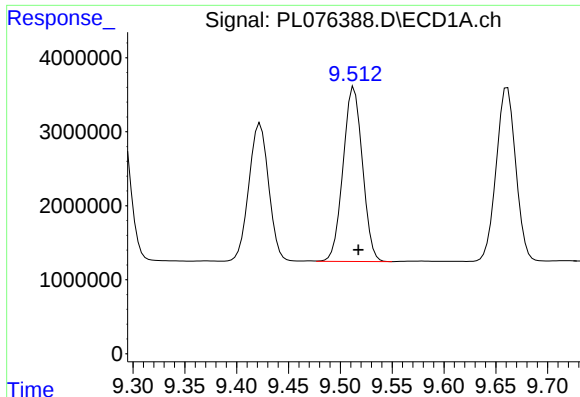
#16 4,4'-DDD

R.T.: 9.194 min
Delta R.T.: -0.004 min
Response: 28306780
Conc: 54.18 ng/ml



#16 4,4'-DDD

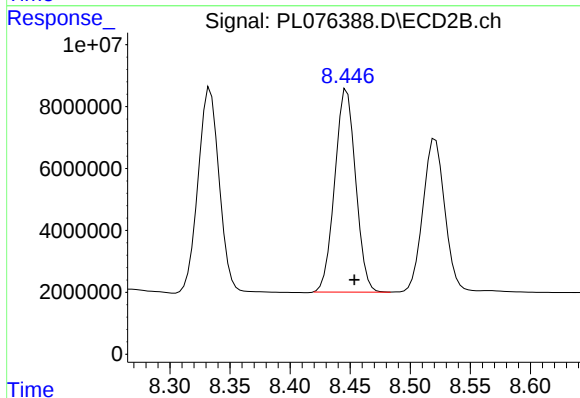
R.T.: 8.188 min
Delta R.T.: -0.006 min
Response: 77415359
Conc: 53.39 ng/ml



#17 4,4'-DDT

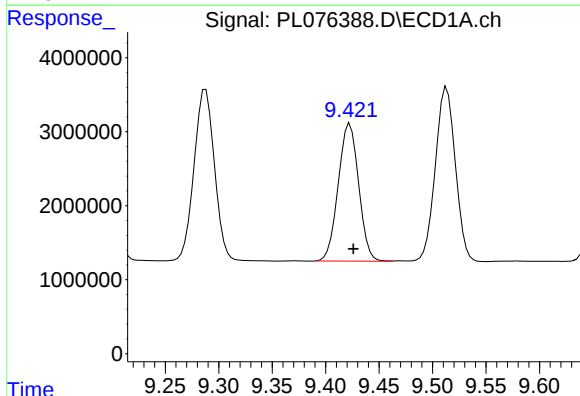
R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 30679266
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



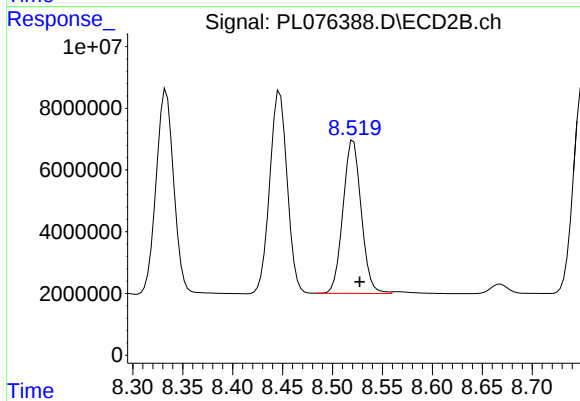
#17 4,4'-DDT

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 79343570
Conc: 50.75 ng/ml



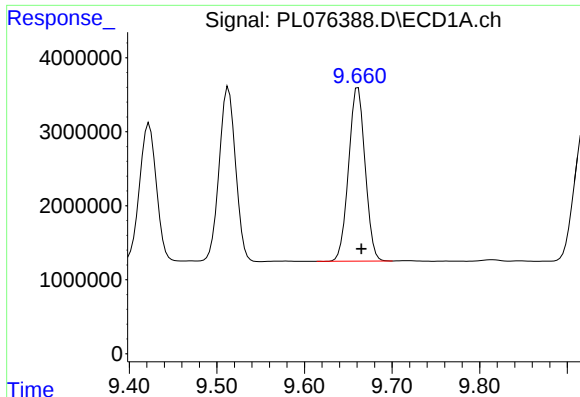
#18 Endrin aldehyde

R.T.: 9.423 min
Delta R.T.: -0.003 min
Response: 24693594
Conc: 51.16 ng/ml



#18 Endrin aldehyde

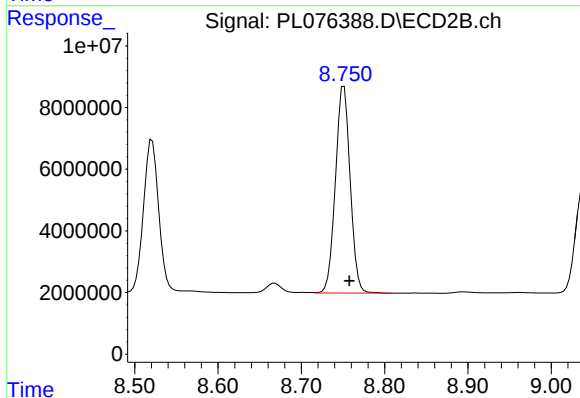
R.T.: 8.521 min
Delta R.T.: -0.006 min
Response: 63083337
Conc: 50.34 ng/ml



#19 Endosulfan Sulfate

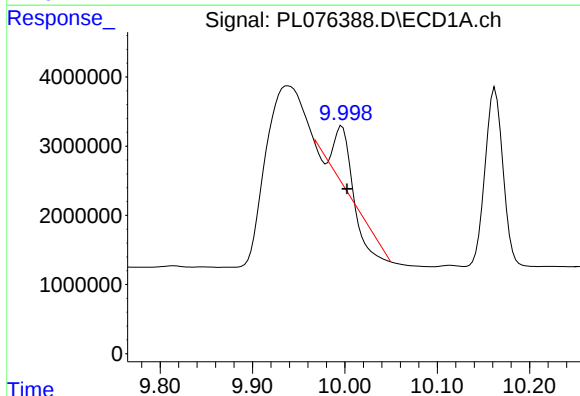
R.T.: 9.661 min
Delta R.T.: -0.004 min
Response: 30704223
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



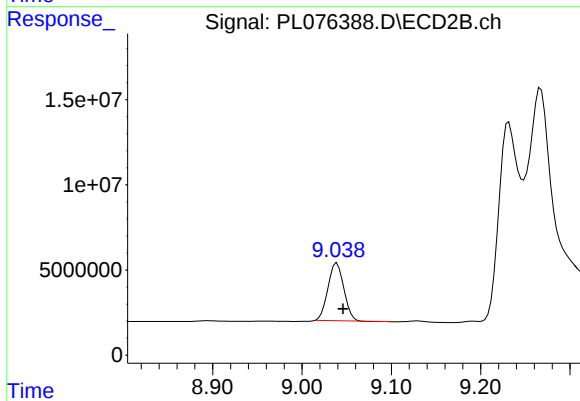
#19 Endosulfan Sulfate

R.T.: 8.751 min
Delta R.T.: -0.007 min
Response: 82572175
Conc: 51.93 ng/ml



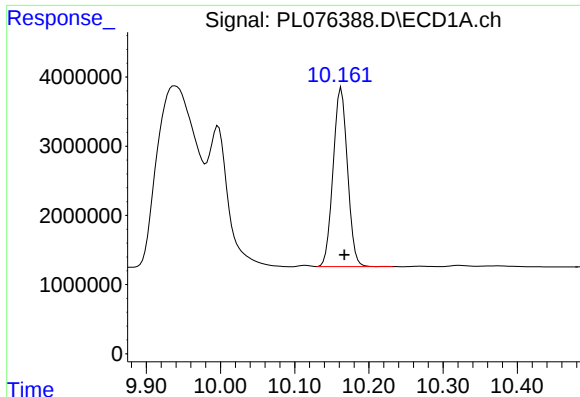
#20 Methoxychlor

R.T.: 9.997 min
Delta R.T.: -0.005 min
Response: 893508
Conc: 2.67 ng/ml



#20 Methoxychlor

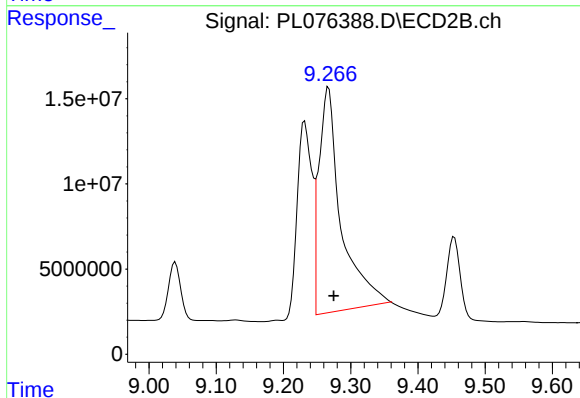
R.T.: 9.039 min
Delta R.T.: -0.007 min
Response: 41818486
Conc: 49.02 ng/ml



#21 Endrin ketone

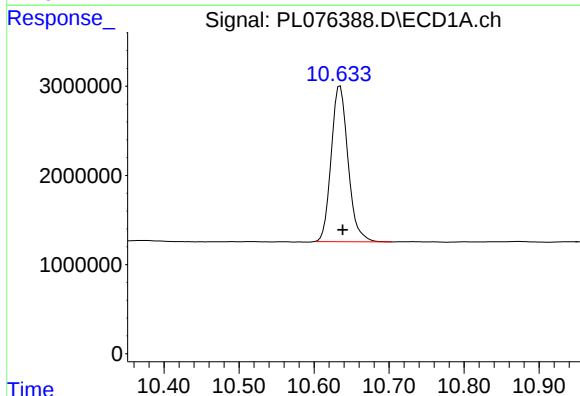
R.T.: 10.163 min
Delta R.T.: -0.004 min
Response: 34796956
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



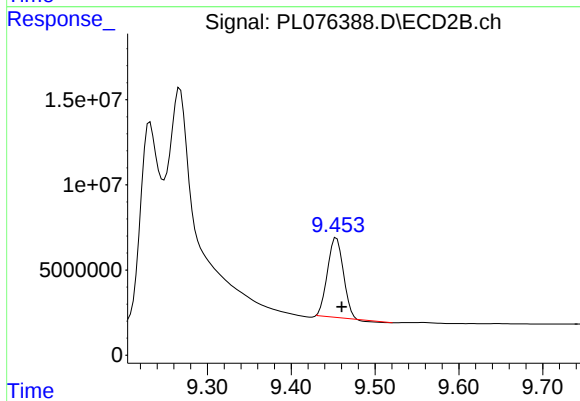
#21 Endrin ketone

R.T.: 9.267 min
Delta R.T.: -0.008 min
Response: 303525630
Conc: 180.37 ng/ml



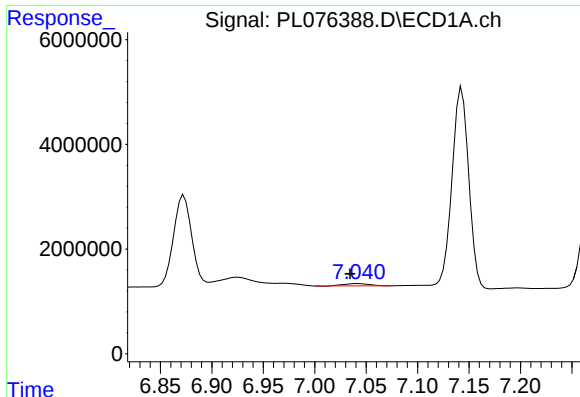
#22 Mirex

R.T.: 10.635 min
Delta R.T.: -0.004 min
Response: 27223139
Conc: 53.23 ng/ml



#22 Mirex

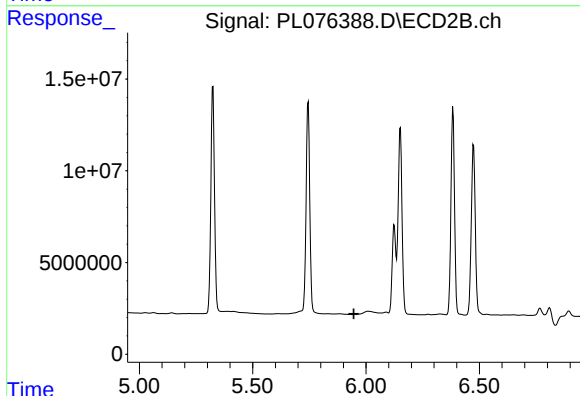
R.T.: 9.454 min
Delta R.T.: -0.006 min
Response: 60055079
Conc: 45.41 ng/ml



#23 Chlordane-1

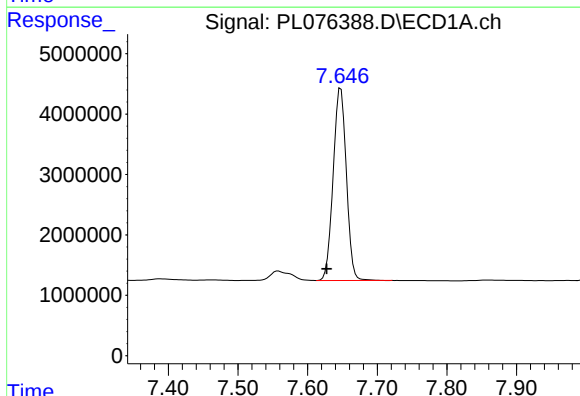
R.T.: 7.042 min
Delta R.T.: 0.007 min
Response: 741256
Conc: 33.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



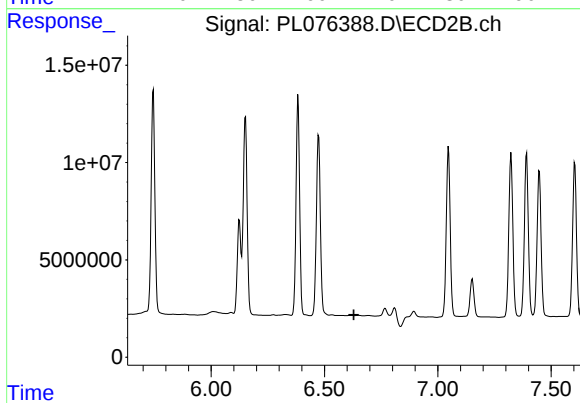
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.945 min
Response: 0
Conc: N.D.



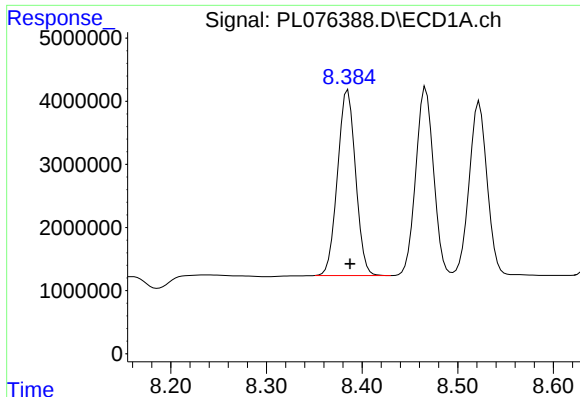
#24 Chlordane-2

R.T.: 7.648 min
Delta R.T.: 0.020 min
Response: 41965147
Conc: 1692.87 ng/ml



#24 Chlordane-2

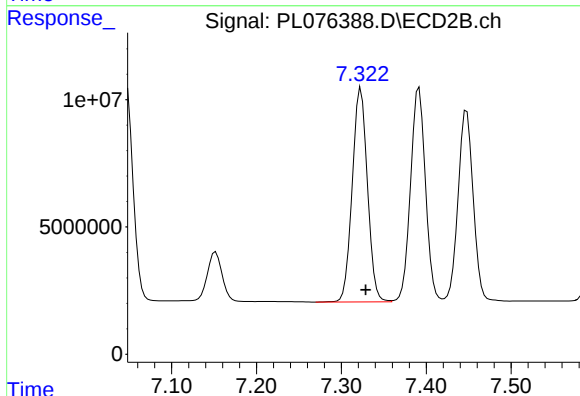
R.T.: 0.000 min
Exp R.T. : 6.630 min
Response: 0
Conc: N.D.



#25 Chlordane-3

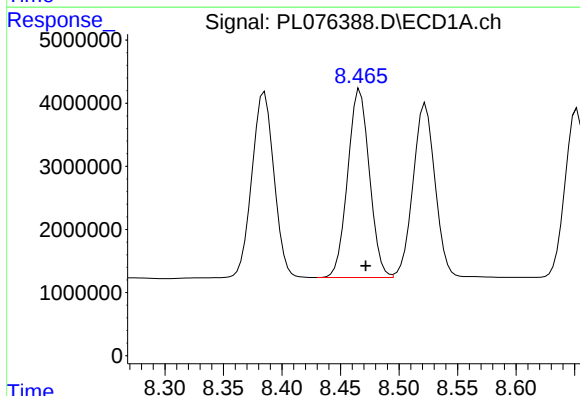
R.T.: 8.385 min
Delta R.T.: -0.002 min
Response: 38563650
Conc: 448.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



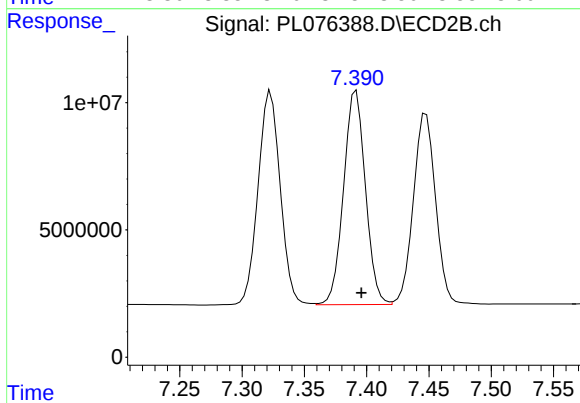
#25 Chlordane-3

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 104507956
Conc: 617.11 ng/ml



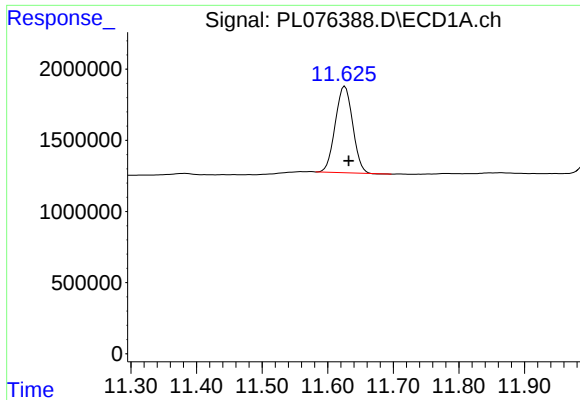
#26 Chlordane-4

R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 38561932
Conc: 361.18 ng/ml



#26 Chlordane-4

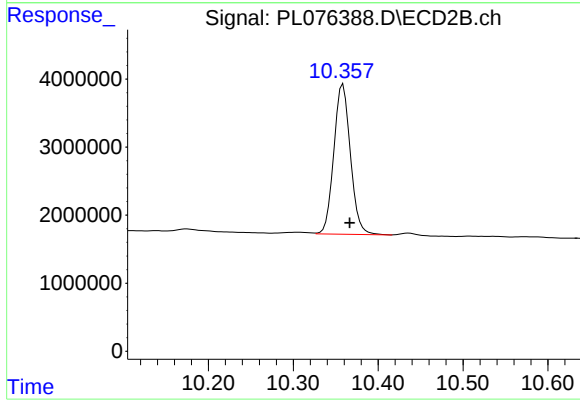
R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 102928290
Conc: 558.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 11242588
Conc: 19.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: -0.008 min
Response: 29899022
Conc: 17.82 ng/ml