

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 19:44
 Operator : AR\AJ
 Sample : 04407-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:53:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.759	31414071	21166315	12.372	13.383
28)	SA Decachlor...	9.081	7.897	37479049	19831846	12.303	11.493
Target Compounds							
4)	MA Heptachlor	4.921	3.929	123076	332596	0.031	0.148 #
5)	MB Aldrin	5.292f	4.226f	141007	160099	0.035	0.070 #
6)	B beta-BHC	4.553f	0.000	325962	0	0.202	N.D. #
7)	B delta-BHC	4.768	0.000	1667199	0	0.452	N.D. #
8)	B Heptachlo...	5.680	4.710	840474	225572	0.235	0.111 #
10)	B gamma-Chl...	5.948	4.962	7849998	4205275	2.230	2.092
11)	B alpha-Chl...	6.030	5.024	20066533	7229363	5.639	3.588 #
12)	B 4,4'-DDE	6.199	5.213	20842295	14290170	6.474	7.829
13)	MA Dieldrin	6.346	5.347	319018	988378	0.090	0.484 #
14)	MA Endrin	6.582	5.631	557232	682454	0.184	0.377 #
15)	B Endosulfa...	0.000	5.919	0	1240259	N.D.	0.725 #
16)	A 4,4'-DDD	6.724	5.768	1388504	819696	0.542	0.587
17)	MA 4,4'-DDT	7.034	6.018	7421937	4879509	2.838	3.454
18)	B Endrin al...	0.000	6.118f	0	498977	N.D.	0.370 #
19)	B Endosulfa...	7.173	6.313	342331	159340	0.121	0.100
21)	B Endrin ke...	7.628f	0.000	894406	0	0.275	N.D. #
23)	Chlordane-1	4.704	3.755	1137567	788771	9.732	13.851 #
24)	Chlordane-2	5.236	4.333	1362997	1050349	10.679	16.491 #
25)	Chlordane-3	5.948	4.962	7849998	4205275	15.626	21.433 #
26)	Chlordane-4	6.030	5.024	20066533	7229363	32.575	38.206
27)	Chlordane-5	6.882	5.919	1175614	1240259	11.615	19.277 #

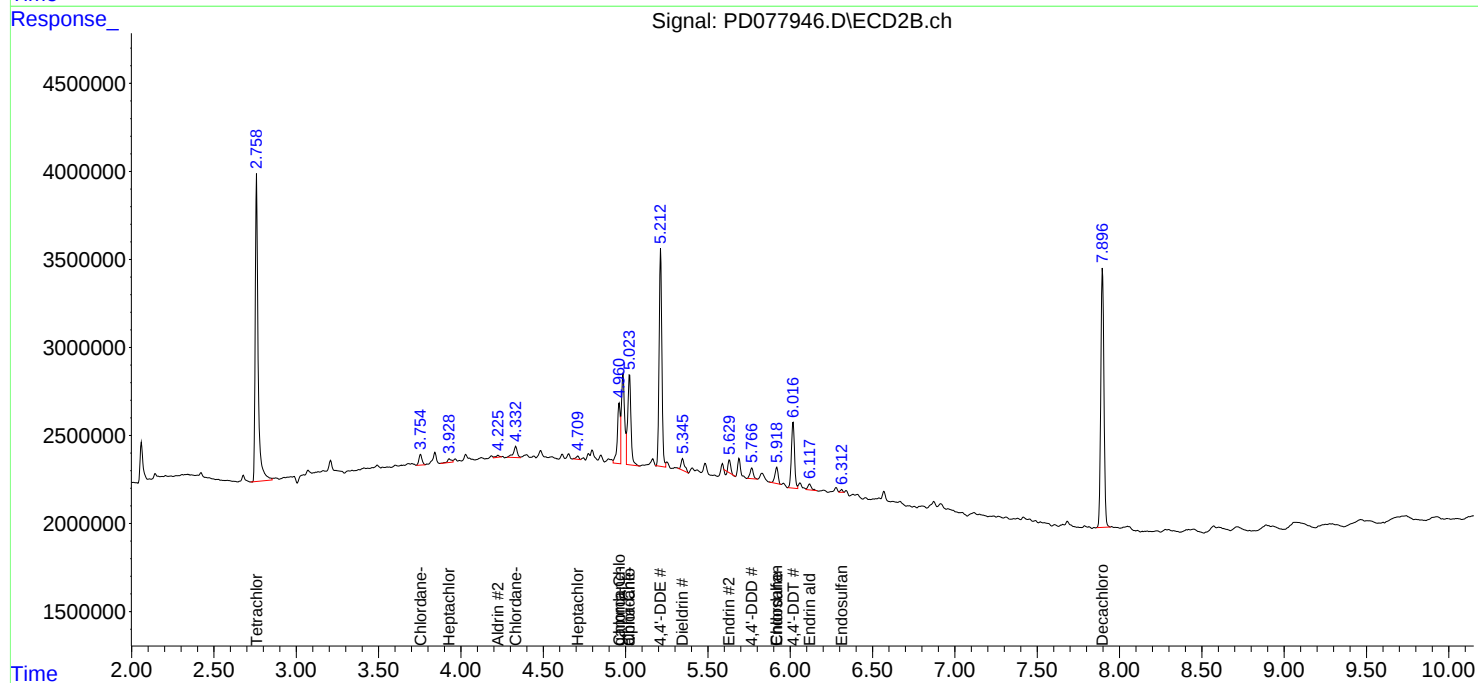
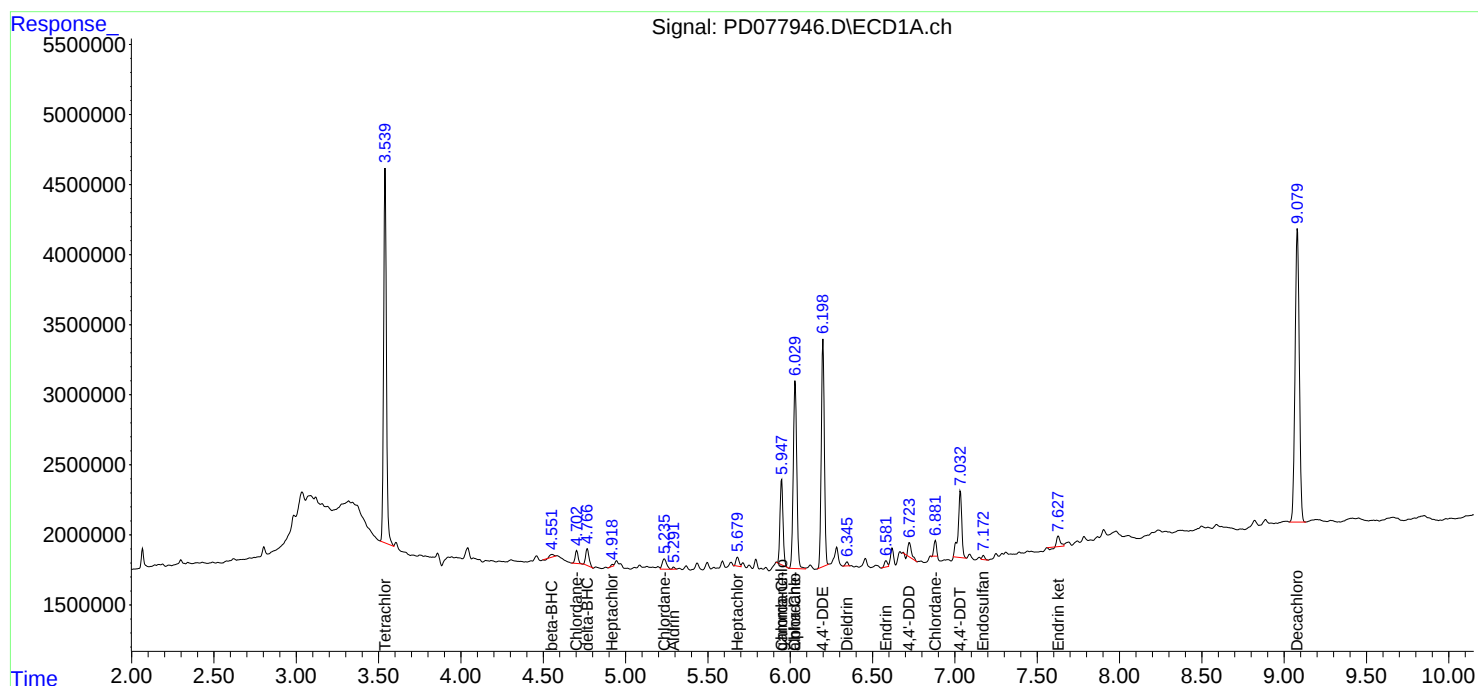
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

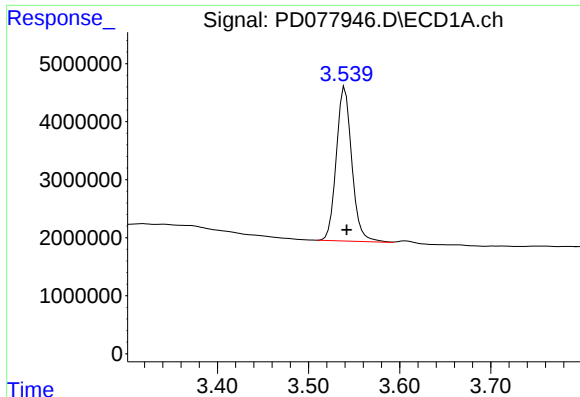
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
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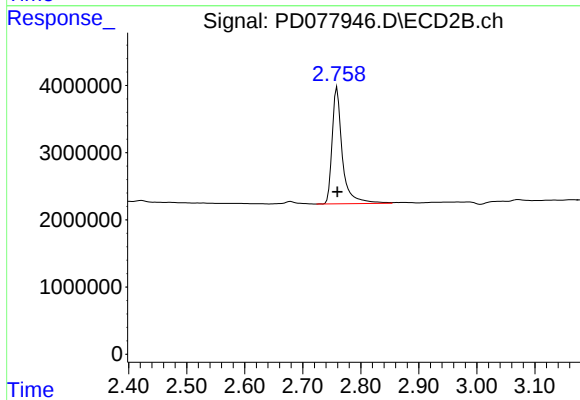




#1 Tetrachloro-m-xylene

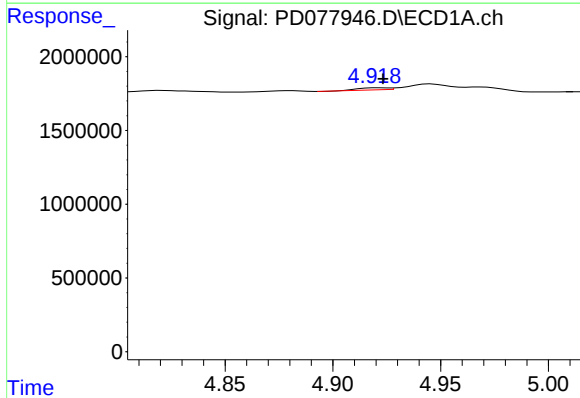
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 31414071
Conc: 12.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



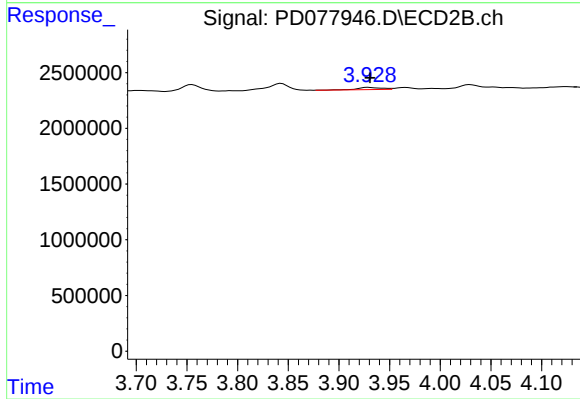
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 21166315
Conc: 13.38 ng/ml



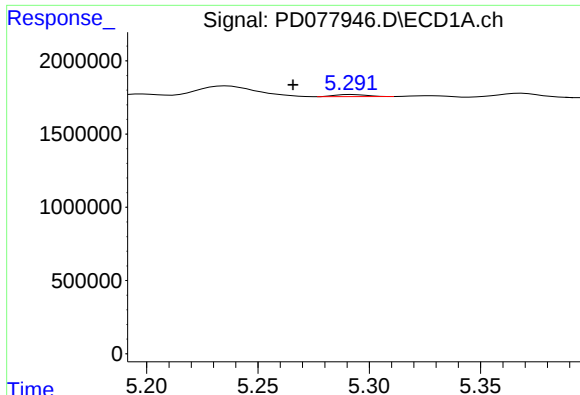
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 123076
Conc: 0.03 ng/ml



#4 Heptachlor

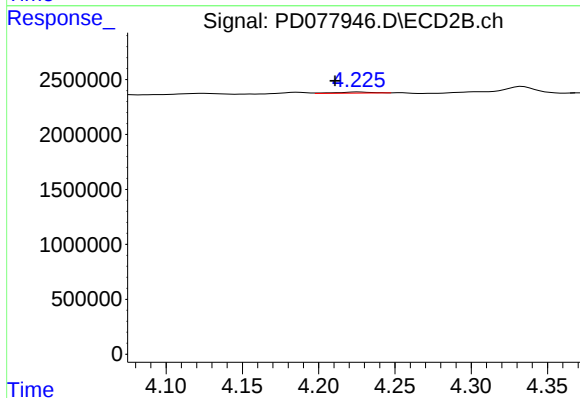
R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 332596
Conc: 0.15 ng/ml



#5 Aldrin

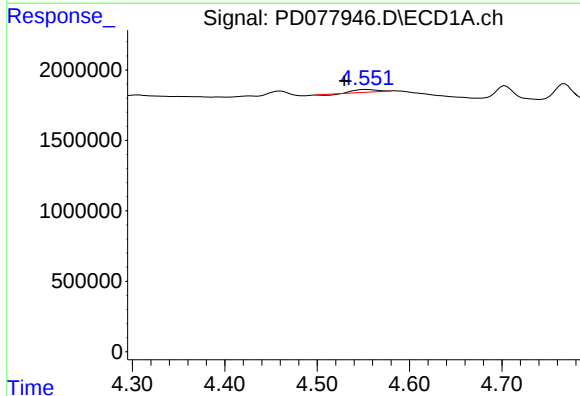
R.T.: 5.292 min
Delta R.T.: 0.026 min
Response: 141007
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



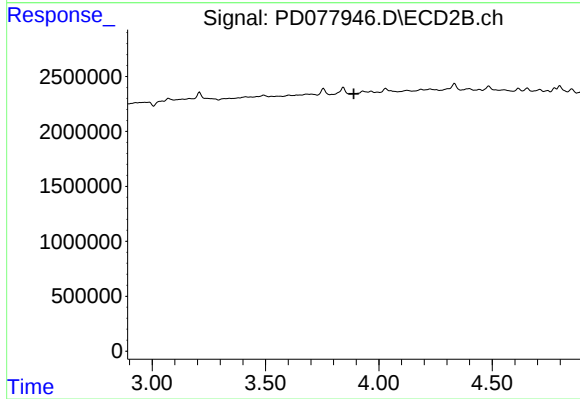
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.015 min
Response: 160099
Conc: 0.07 ng/ml



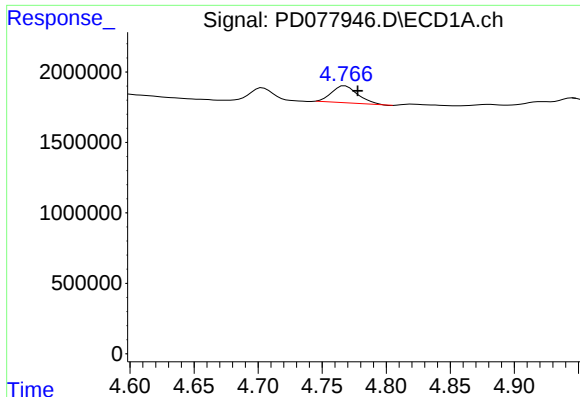
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.024 min
Response: 325962
Conc: 0.20 ng/ml



#6 beta-BHC

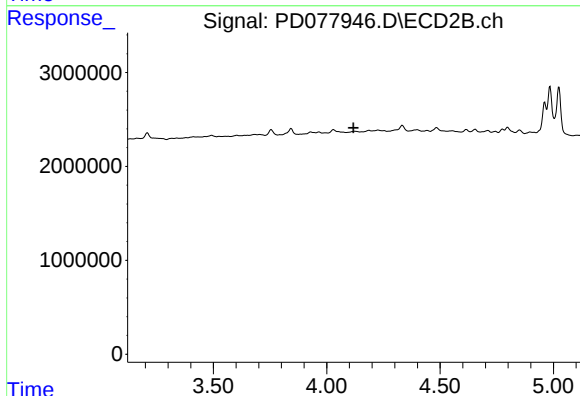
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#7 delta-BHC

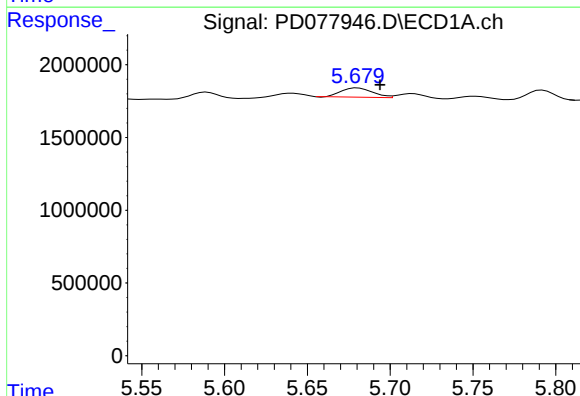
R.T.: 4.768 min
Delta R.T.: -0.010 min
Response: 1667199
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



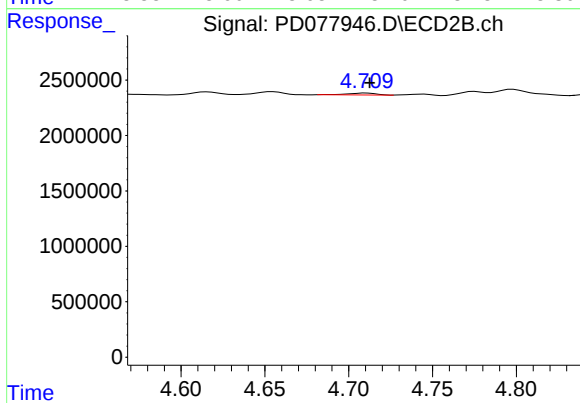
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



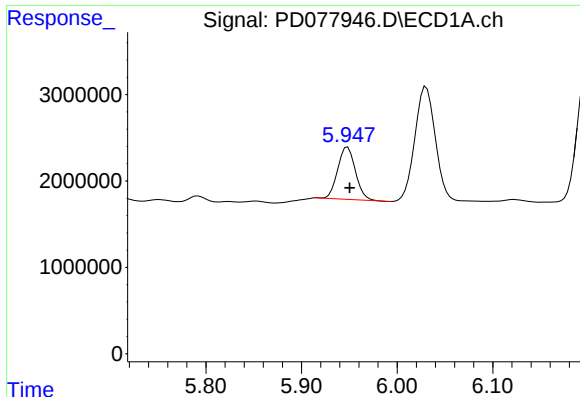
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.014 min
Response: 840474
Conc: 0.24 ng/ml



#8 Heptachlor epoxide

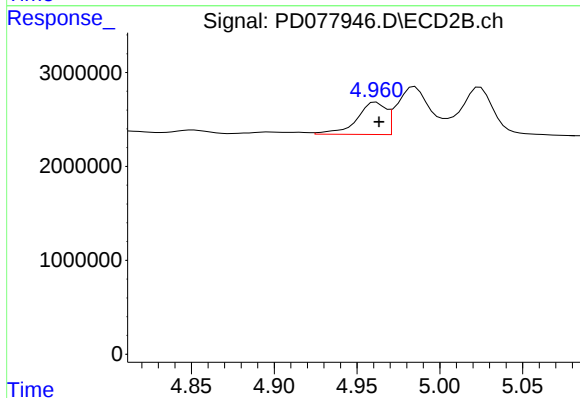
R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 225572
Conc: 0.11 ng/ml



#10 gamma-Chlordane

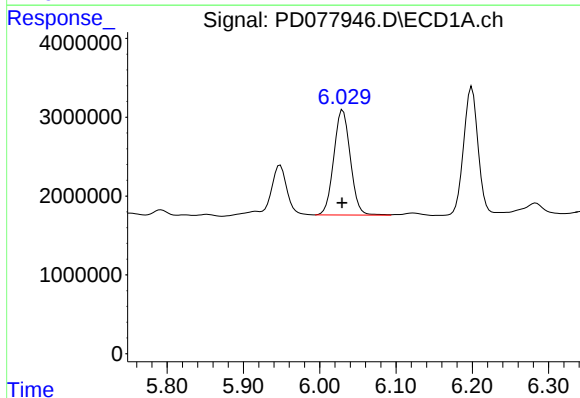
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 7849998
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



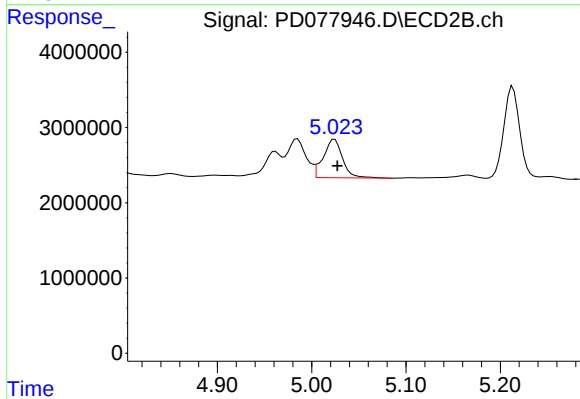
#10 gamma-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 4205275
Conc: 2.09 ng/ml



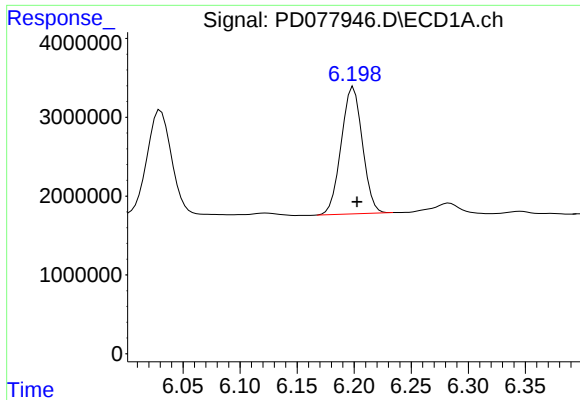
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 20066533
Conc: 5.64 ng/ml



#11 alpha-Chlordane

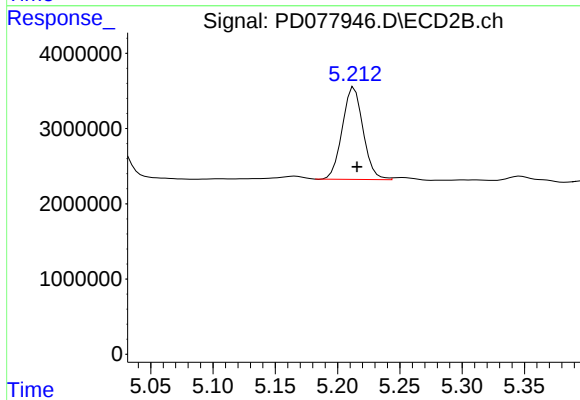
R.T.: 5.024 min
Delta R.T.: -0.003 min
Response: 7229363
Conc: 3.59 ng/ml



#12 4,4'-DDE

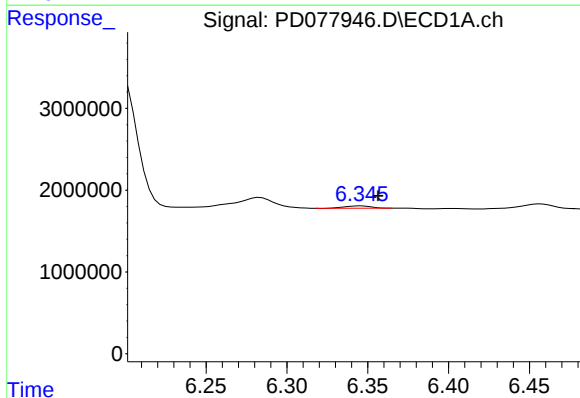
R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 20842295
Conc: 6.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



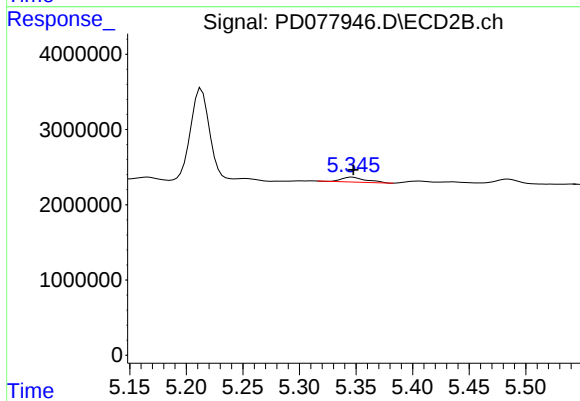
#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 14290170
Conc: 7.83 ng/ml



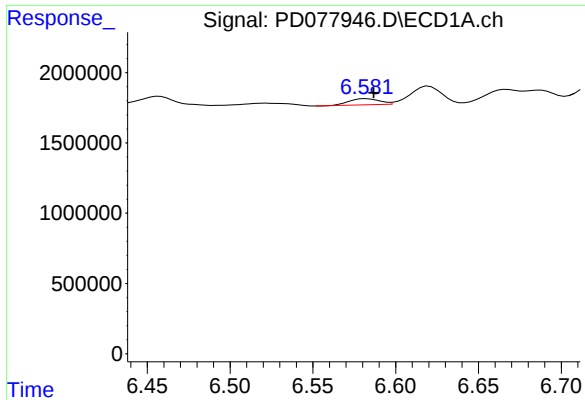
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.010 min
Response: 319018
Conc: 0.09 ng/ml



#13 Dieldrin

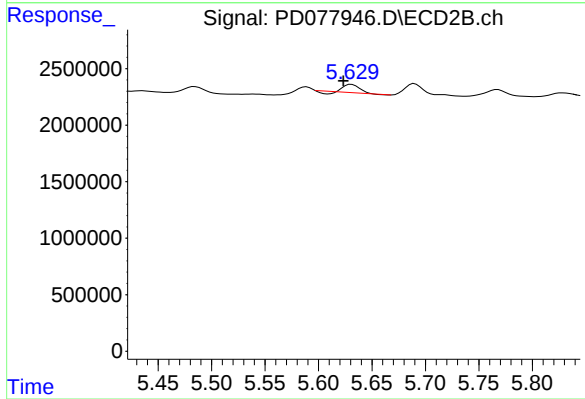
R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 988378
Conc: 0.48 ng/ml



#14 Endrin

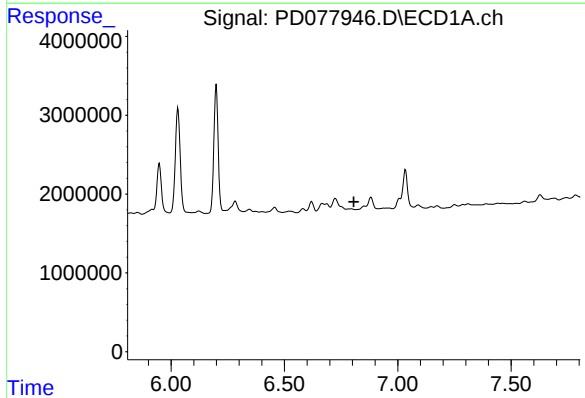
R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 557232
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



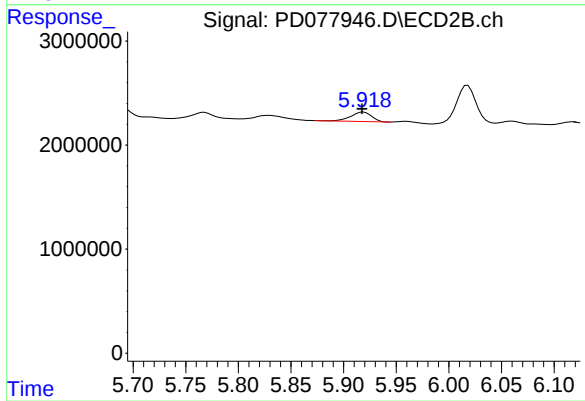
#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.008 min
Response: 682454
Conc: 0.38 ng/ml



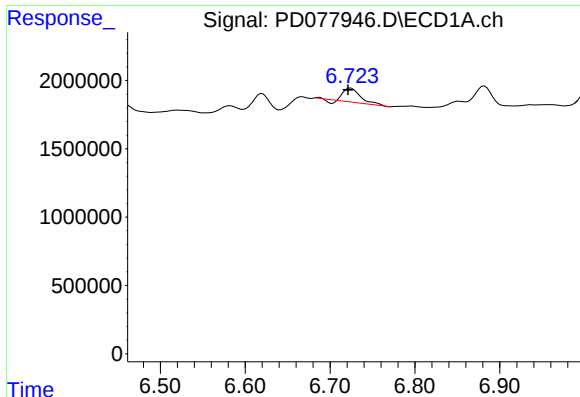
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.807 min
Response: 0
Conc: N.D.



#15 Endosulfan II

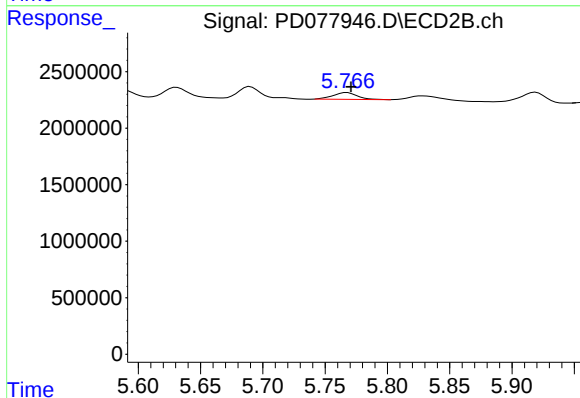
R.T.: 5.919 min
Delta R.T.: 0.001 min
Response: 1240259
Conc: 0.72 ng/ml



#16 4,4'-DDD

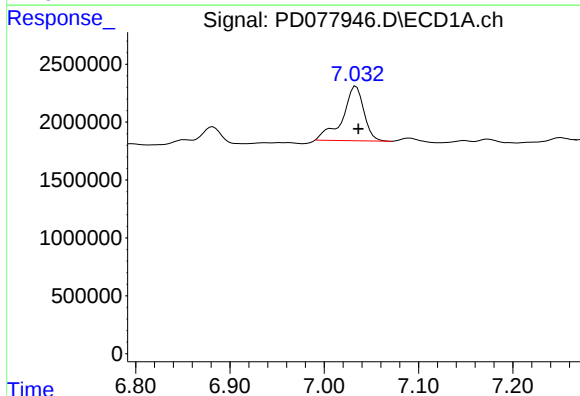
R.T.: 6.724 min
Delta R.T.: 0.003 min
Response: 1388504
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



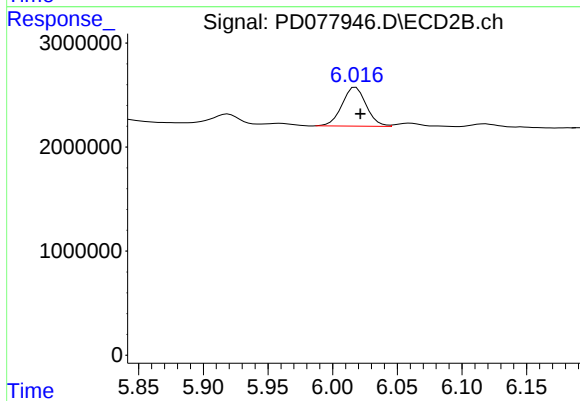
#16 4,4'-DDD

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 819696
Conc: 0.59 ng/ml



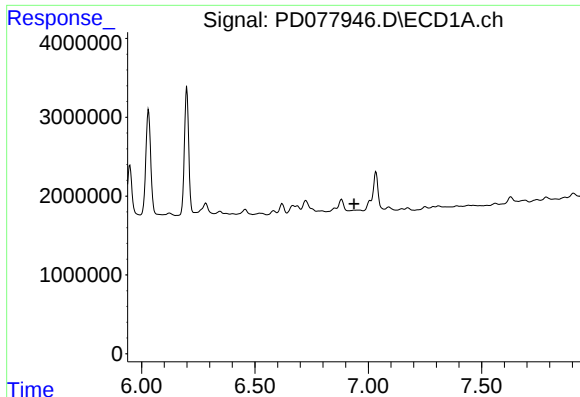
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 7421937
Conc: 2.84 ng/ml



#17 4,4'-DDT

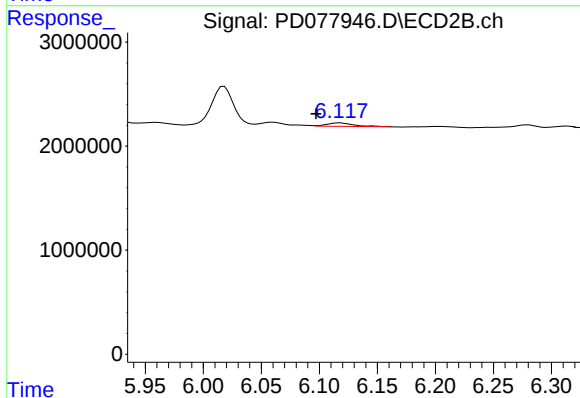
R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 4879509
Conc: 3.45 ng/ml



#18 Endrin aldehyde

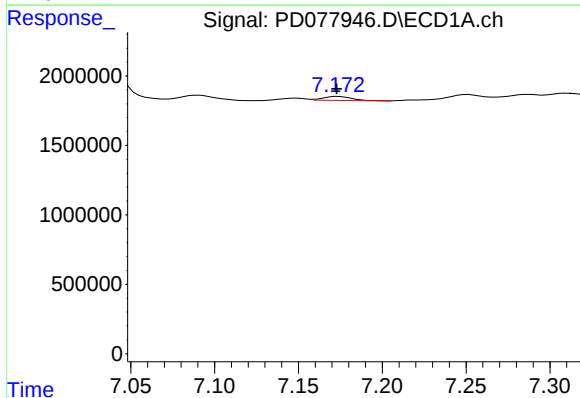
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



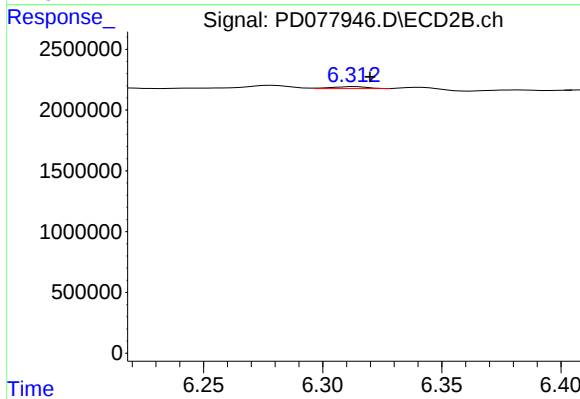
#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.021 min
Response: 498977
Conc: 0.37 ng/ml



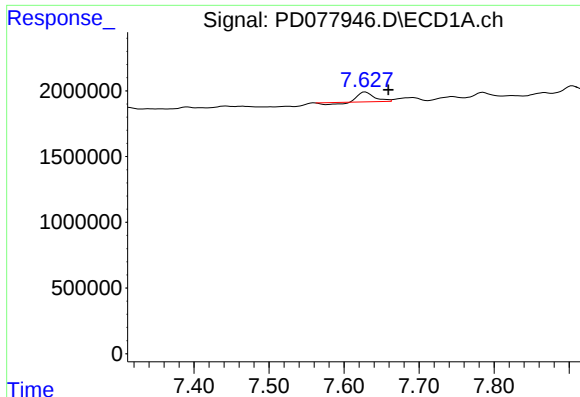
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 342331
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

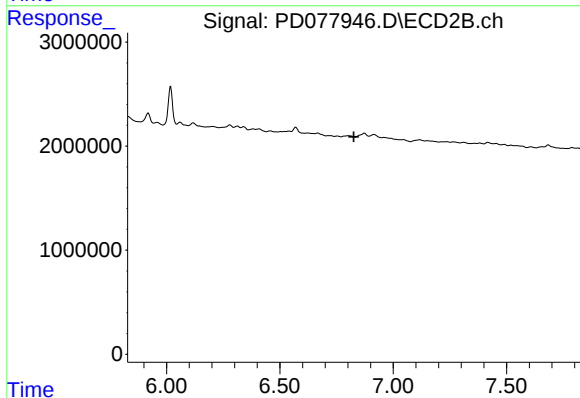
R.T.: 6.313 min
Delta R.T.: -0.007 min
Response: 159340
Conc: 0.10 ng/ml



#21 Endrin ketone

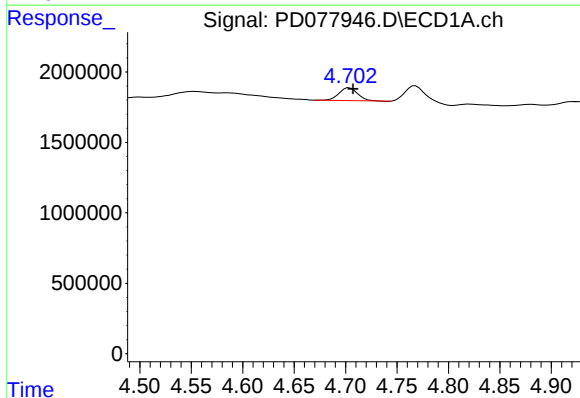
R.T.: 7.628 min
Delta R.T.: -0.031 min
Response: 894406
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



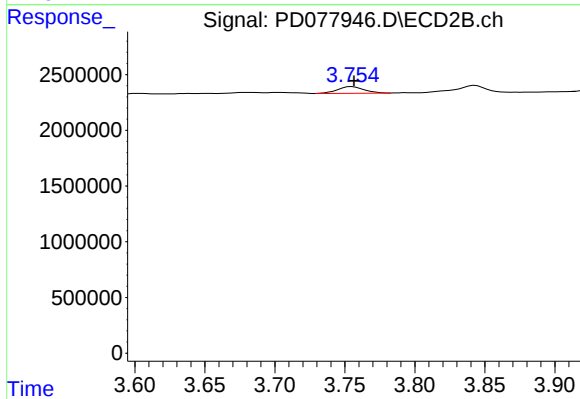
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.



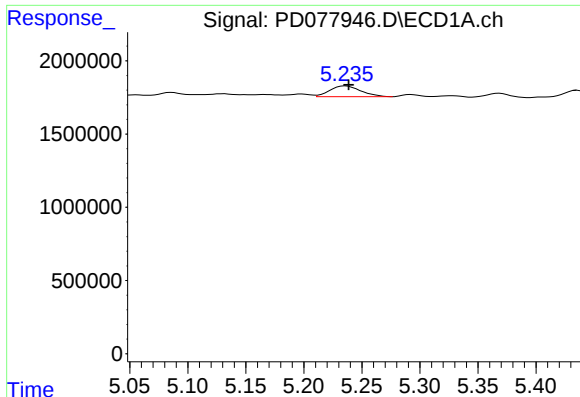
#23 Chlordane-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 1137567
Conc: 9.73 ng/ml



#23 Chlordane-1

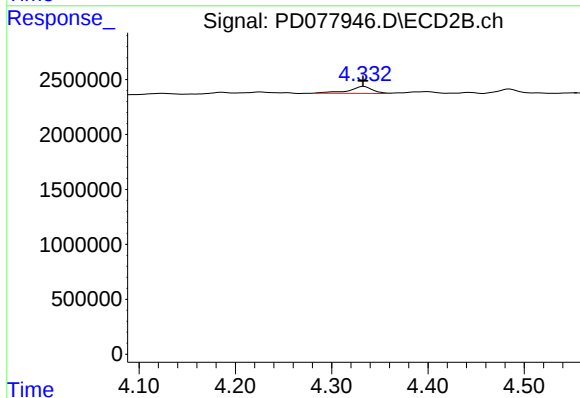
R.T.: 3.755 min
Delta R.T.: -0.002 min
Response: 788771
Conc: 13.85 ng/ml



#24 Chlordane-2

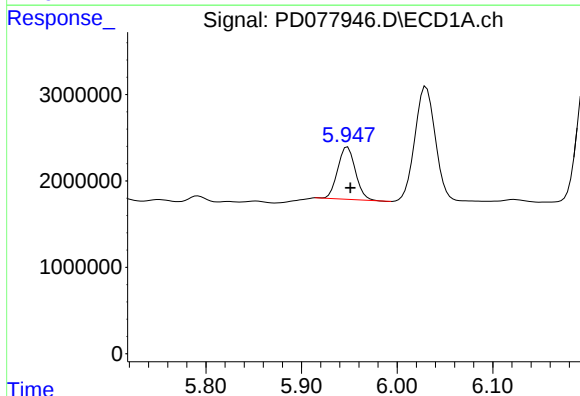
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 1362997
Conc: 10.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



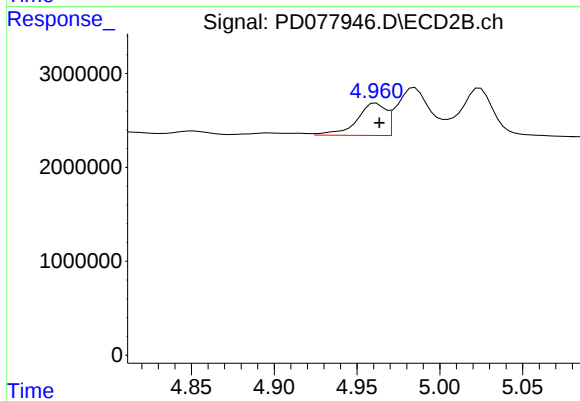
#24 Chlordane-2

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 1050349
Conc: 16.49 ng/ml



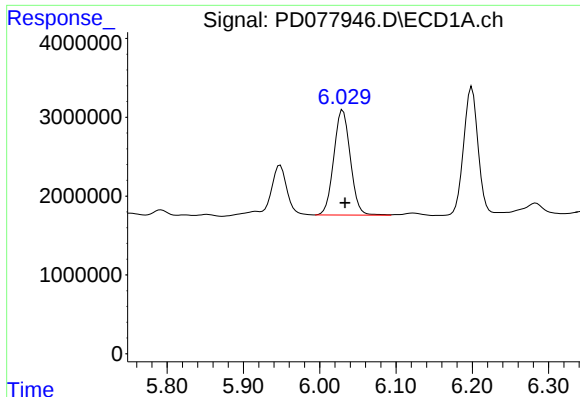
#25 Chlordane-3

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 7849998
Conc: 15.63 ng/ml



#25 Chlordane-3

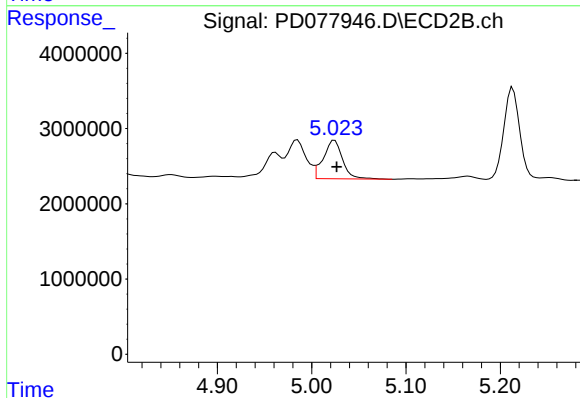
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 4205275
Conc: 21.43 ng/ml



#26 Chlordane-4

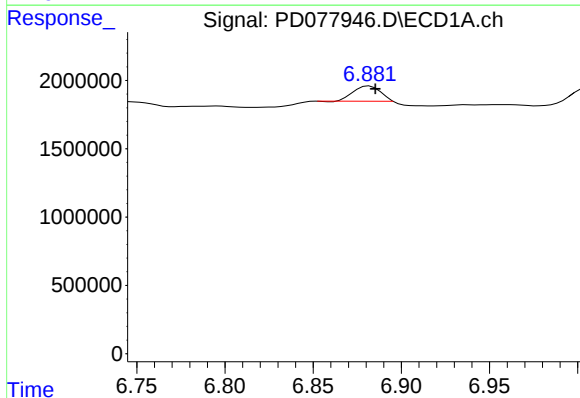
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 20066533
Conc: 32.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



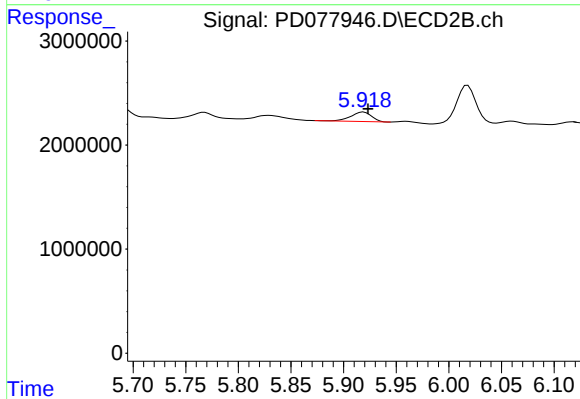
#26 Chlordane-4

R.T.: 5.024 min
Delta R.T.: -0.002 min
Response: 7229363
Conc: 38.21 ng/ml



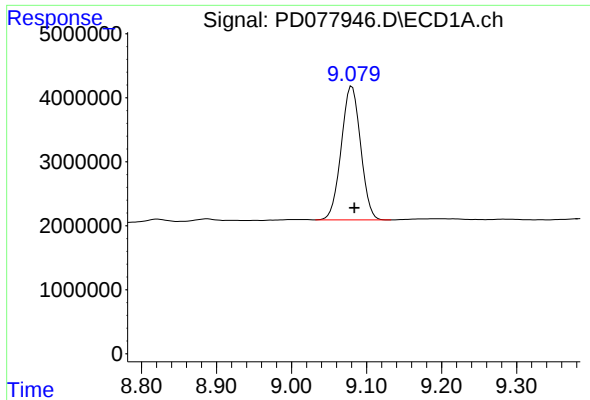
#27 Chlordane-5

R.T.: 6.882 min
Delta R.T.: -0.003 min
Response: 1175614
Conc: 11.61 ng/ml



#27 Chlordane-5

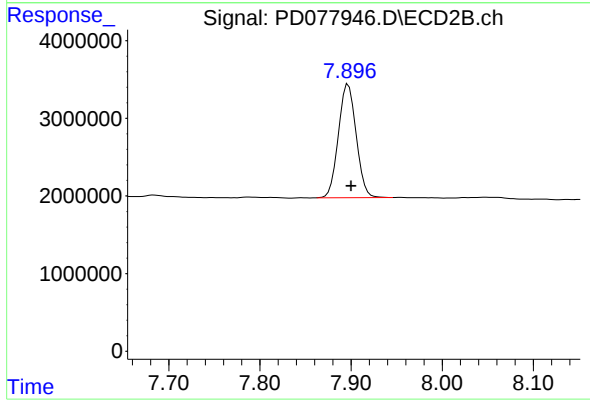
R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 1240259
Conc: 19.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 37479049
Conc: 12.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 19831846
Conc: 11.49 ng/ml