

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090723\
 Data File : PD077743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 12:22
 Operator : AR\AJ
 Sample : 04235-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 00:32:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090623CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 06 16:40:06 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

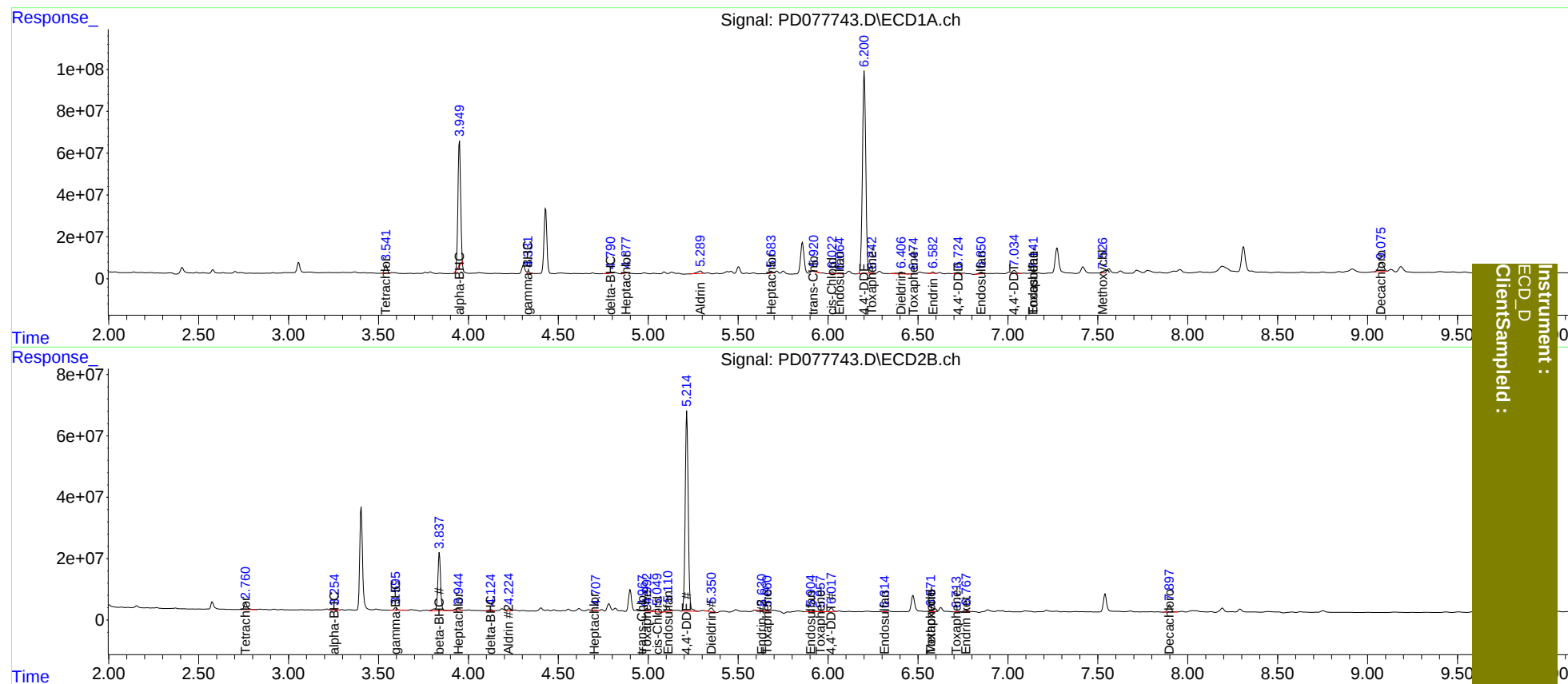
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

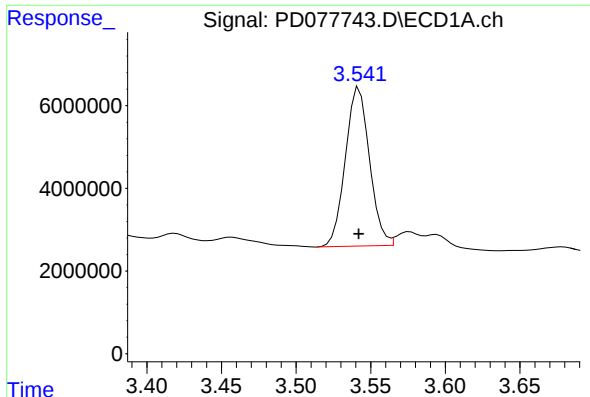
System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.762	43374614	26418239	17.092	17.876
27)	SA Decachlor...	9.076	7.899	80557810	31908916	25.788	19.703
Target Compounds							
2)	A alpha-BHC	3.951f	3.256	603.3E6	1750851	140.905	0.772 #
3)	MA gamma-BHC...	4.333	3.596	9141428	10943323	2.261	5.068 #
4)	MA Heptachlor	4.878f	3.945	3255558	11914219	0.779	5.359 #
5)	MB Aldrin	5.291f	4.226	21753763	7983417	5.211	3.562 #
6)	B beta-BHC	0.000	3.839f	0	205.8E6	N.D.	208.306
7)	B delta-BHC	4.793	4.126	459004	5263658	0.114	2.361 #
8)	B Heptachlo...	5.685	4.701	10894133	238012	2.819	0.113 #
9)	A Endosulfan I	6.065	5.111	2372193	20490676	0.707	11.416 #
10)	B trans-Chl...	5.919	4.966	5422143	1845380	1.456	0.924 #
11)	B cis-Chlor...	6.023	5.050	12156708	16287239	3.154	7.964 #
12)	B 4,4'-DDE	6.202	5.215	1232.7E6	758.0E6	347.700	399.038
13)	MA Dieldrin	6.407f	5.351	18676295	17989952	4.990	8.706 #
14)	MA Endrin	6.584	5.631	6286676	762741	2.038	0.417 #
15)	B Endosulfa...	6.852f	5.905	13518781	9225951	4.083	5.098
16)	A 4,4'-DDD	6.725	5.777	15475760	-5145189	5.818	N.D. #
17)	MA 4,4'-DDT	7.036	6.019	22944400	15062664	8.375	10.657 #
19)	B Endosulfa...	7.142	6.315	913197	1263520	0.301	0.765 #
20)	A Methoxychlor	7.528	6.572	508899	3527582	0.326	4.521 #
21)	B Endrin ke...	7.627	6.769f	-144683	8733178	N.D.	4.558
22)	Toxaphene-1	6.244	4.993	1017026	14573606	38.116	1396.235 #
23)	Toxaphene-2	6.477	5.662	3122005	1149968	95.185	95.363
24)	Toxaphene-3	6.672	5.959	-3392298	2782544	N.D.	204.025
25)	Toxaphene-4	7.142	6.572	913197	3527582	12.709	91.407 #

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 00:32:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090623CLP.M
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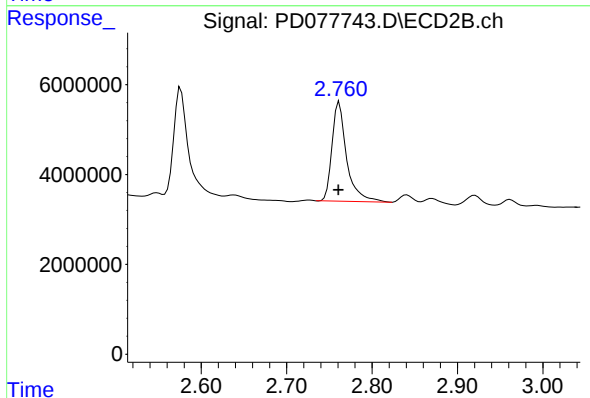




#1 Tetrachloro-m-xylene

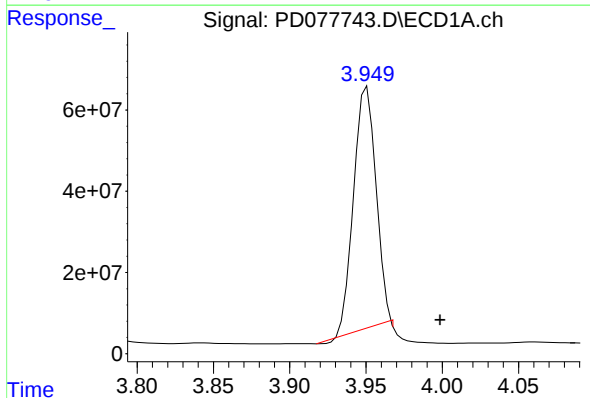
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 43374614
Conc: 17.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



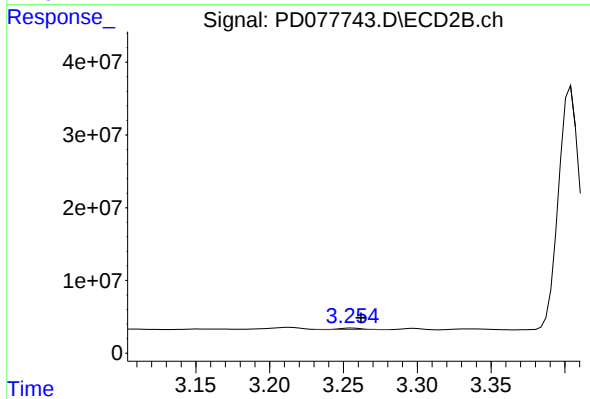
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.001 min
Response: 26418239
Conc: 17.88 ng/ml



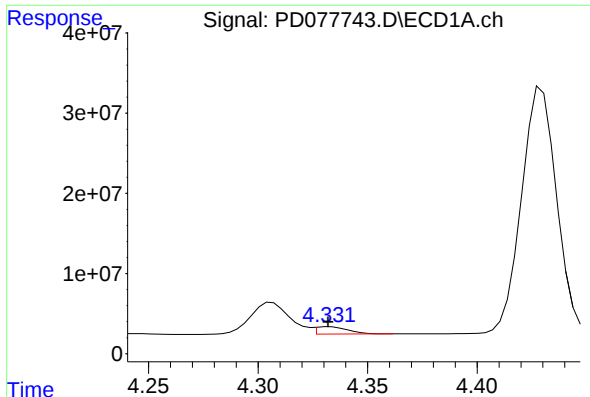
#2 alpha-BHC

R.T.: 3.951 min
Delta R.T.: -0.048 min
Response: 603323731
Conc: 140.91 ng/ml



#2 alpha-BHC

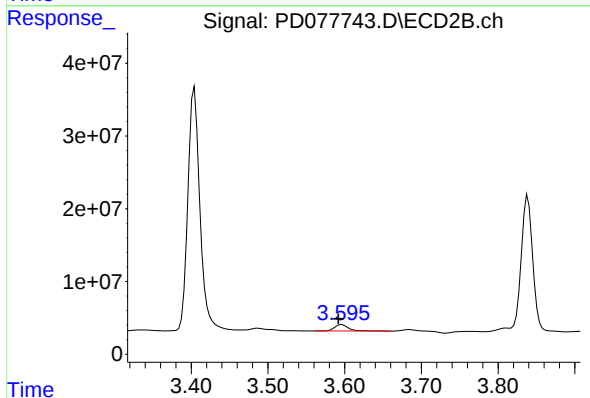
R.T.: 3.256 min
Delta R.T.: -0.006 min
Response: 1750851
Conc: 0.77 ng/ml



#3 gamma-BHC (Lindane)

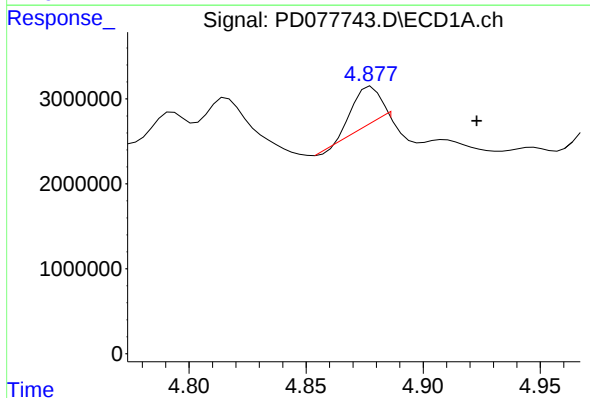
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 9141428
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



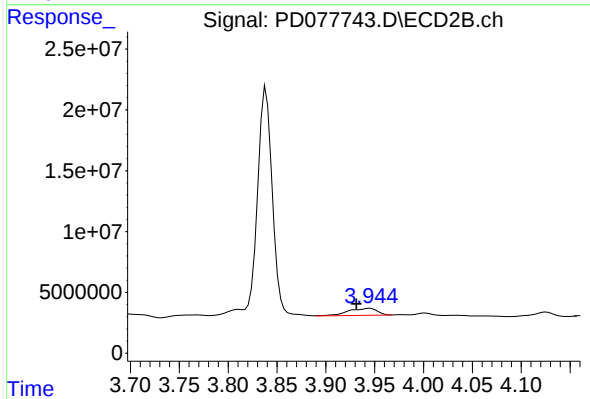
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.004 min
Response: 10943323
Conc: 5.07 ng/ml



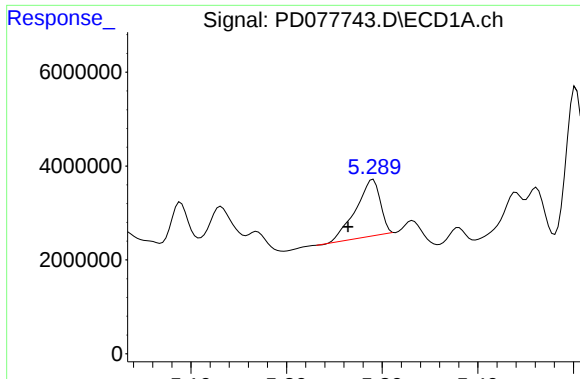
#4 Heptachlor

R.T.: 4.878 min
Delta R.T.: -0.045 min
Response: 3255558
Conc: 0.78 ng/ml



#4 Heptachlor

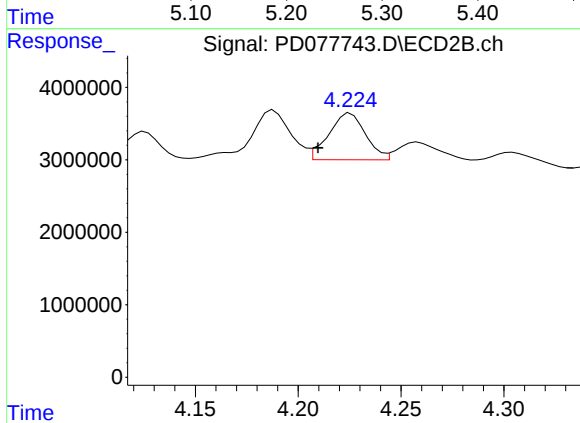
R.T.: 3.945 min
Delta R.T.: 0.014 min
Response: 11914219
Conc: 5.36 ng/ml



#5 Aldrin

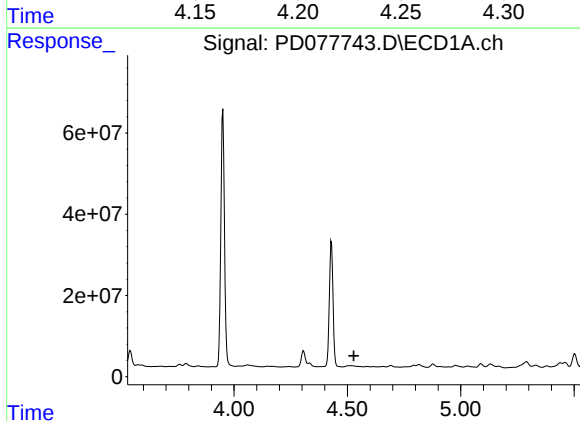
R.T.: 5.291 min
Delta R.T.: 0.026 min
Response: 21753763
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



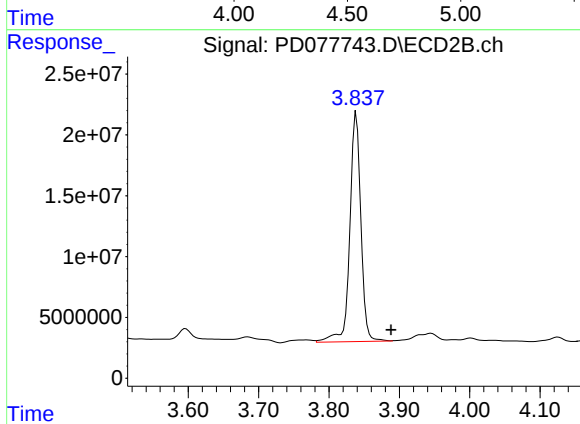
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.016 min
Response: 7983417
Conc: 3.56 ng/ml



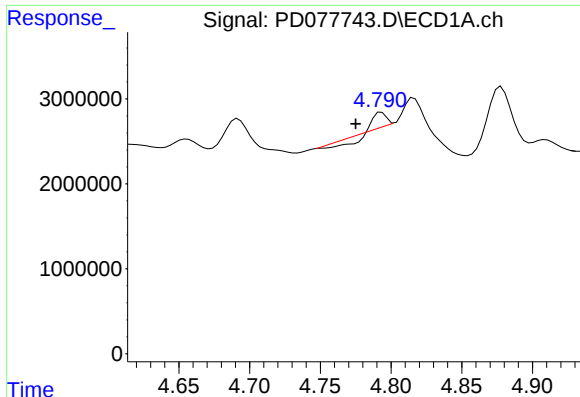
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



#6 beta-BHC

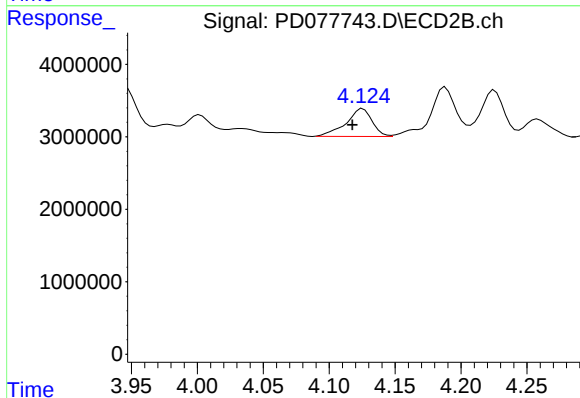
R.T.: 3.839 min
Delta R.T.: -0.049 min
Response: 205824371
Conc: 208.31 ng/ml



#7 delta-BHC

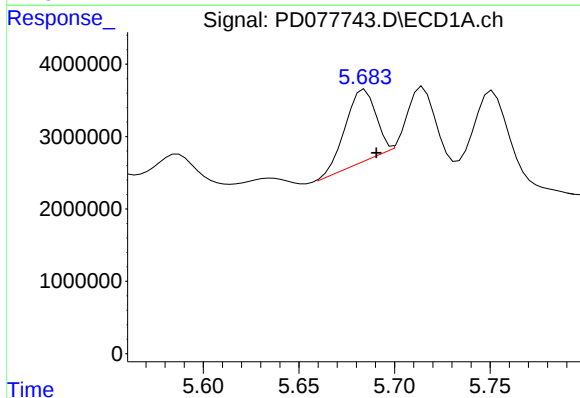
R.T.: 4.793 min
Delta R.T.: 0.018 min
Response: 459004
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



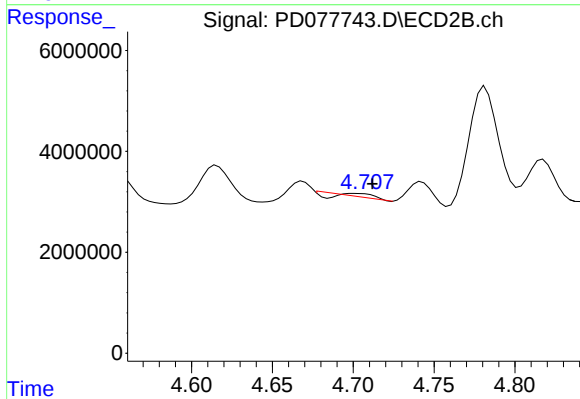
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.008 min
Response: 5263658
Conc: 2.36 ng/ml



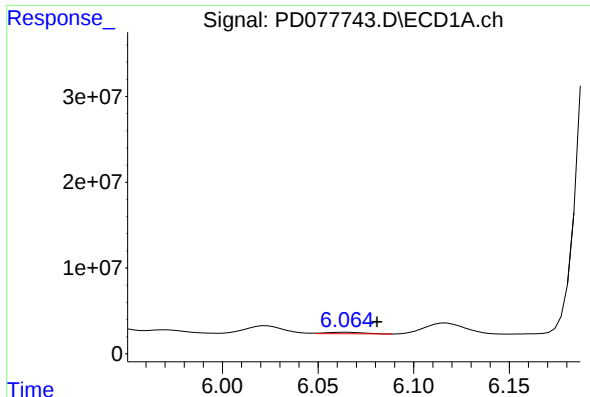
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.006 min
Response: 10894133
Conc: 2.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.701 min
Delta R.T.: -0.011 min
Response: 238012
Conc: 0.11 ng/ml



#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.016 min
Response: 2372193
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :

#9 Endosulfan I

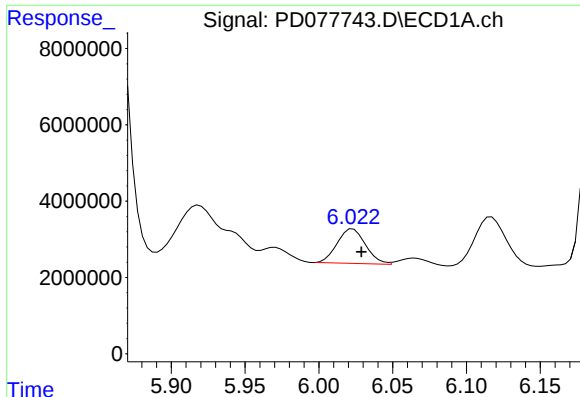
R.T.: 5.111 min
Delta R.T.: 0.028 min
Response: 20490676
Conc: 11.42 ng/ml

#10 trans-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.030 min
Response: 5422143
Conc: 1.46 ng/ml

#10 trans-Chlordane

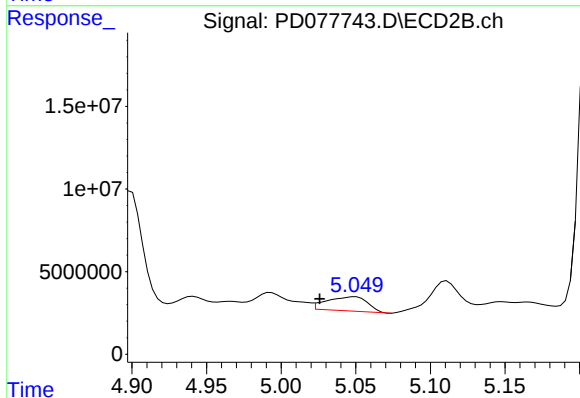
R.T.: 4.966 min
Delta R.T.: 0.005 min
Response: 1845380
Conc: 0.92 ng/ml



#11 cis-Chlordane

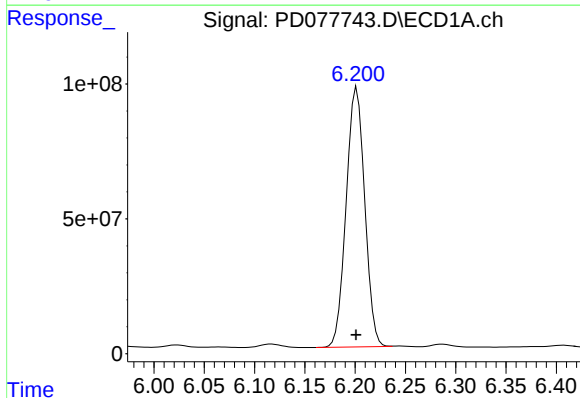
R.T.: 6.023 min
Delta R.T.: -0.006 min
Response: 12156708
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



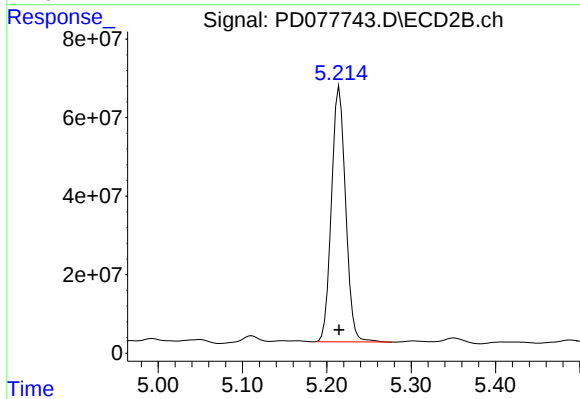
#11 cis-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 16287239
Conc: 7.96 ng/ml



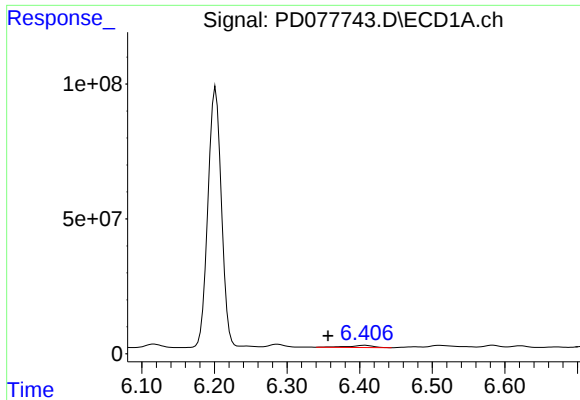
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1232652547
Conc: 347.70 ng/ml



#12 4,4'-DDE

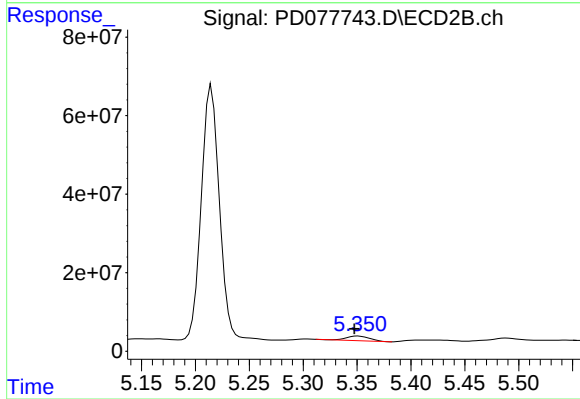
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 758035398
Conc: 399.04 ng/ml



#13 Dieldrin

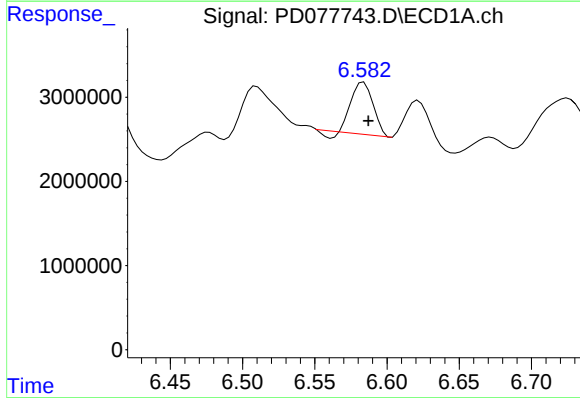
R.T.: 6.407 min
Delta R.T.: 0.051 min
Response: 18676295
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



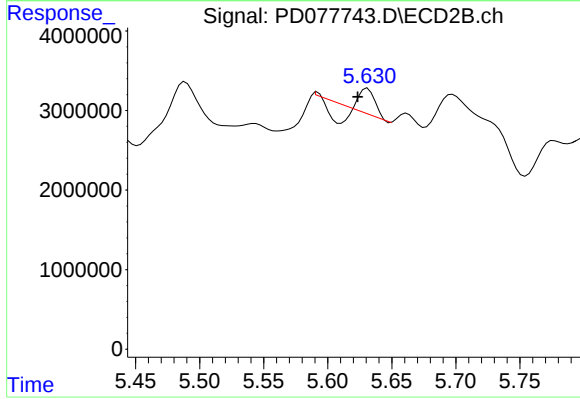
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.004 min
Response: 17989952
Conc: 8.71 ng/ml



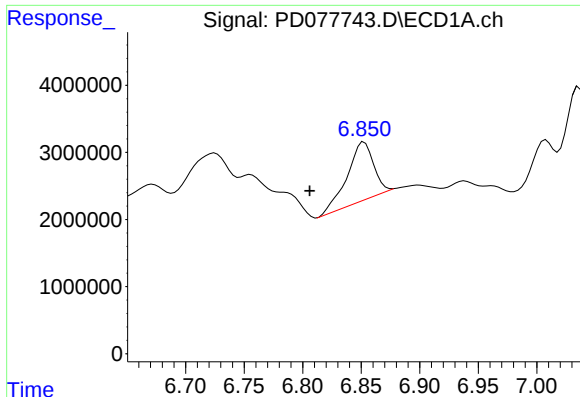
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 6286676
Conc: 2.04 ng/ml



#14 Endrin

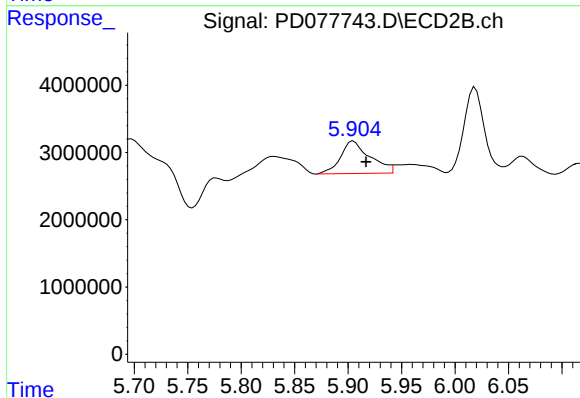
R.T.: 5.631 min
Delta R.T.: 0.008 min
Response: 762741
Conc: 0.42 ng/ml



#15 Endosulfan II

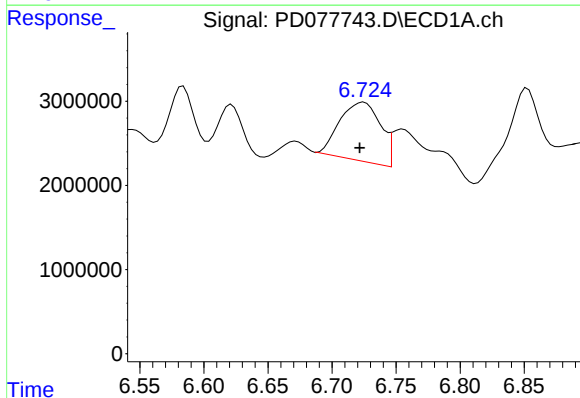
R.T.: 6.852 min
Delta R.T.: 0.047 min
Response: 13518781
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



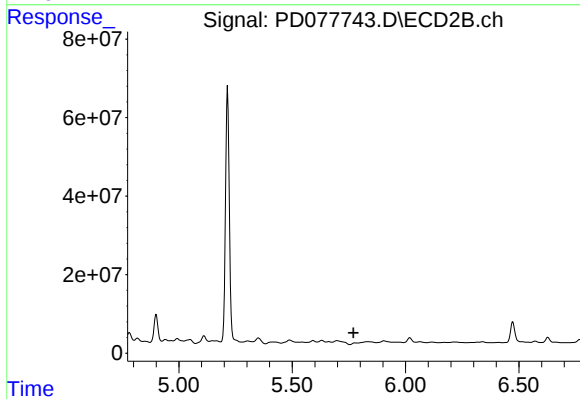
#15 Endosulfan II

R.T.: 5.905 min
Delta R.T.: -0.012 min
Response: 9225951
Conc: 5.10 ng/ml



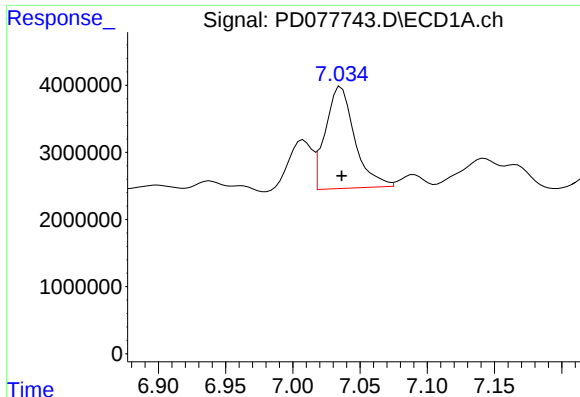
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.003 min
Response: 15475760
Conc: 5.82 ng/ml



#16 4,4'-DDD

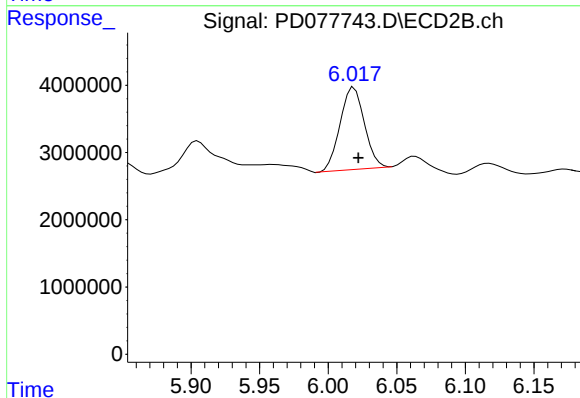
R.T.: 5.777 min
Delta R.T.: 0.006 min
Response: -5145189
Conc: N.D.



#17 4,4'-DDT

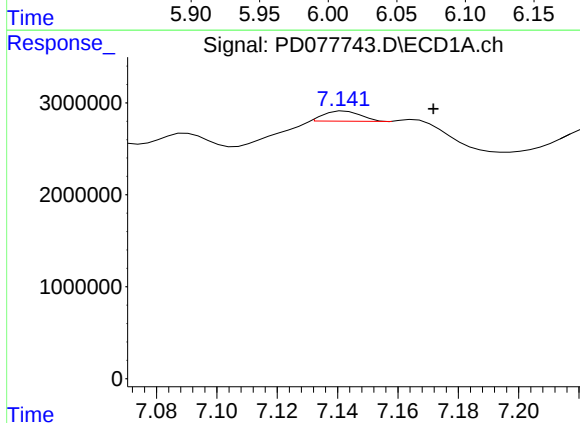
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 22944400
Conc: 8.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



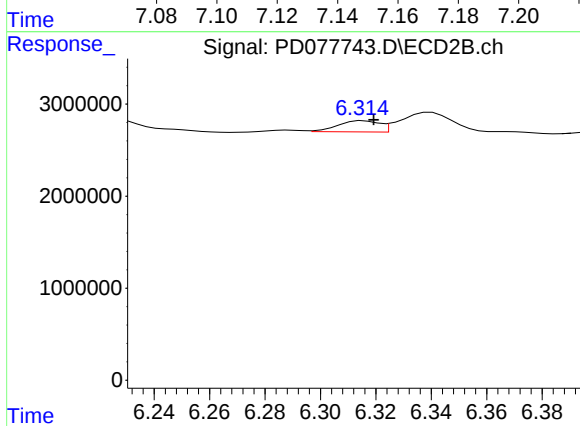
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 15062664
Conc: 10.66 ng/ml



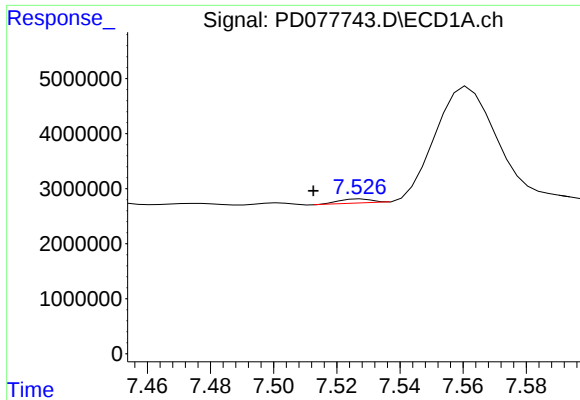
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.029 min
Response: 913197
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

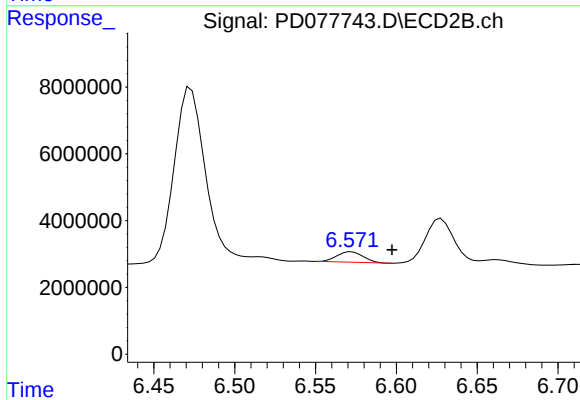
R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 1263520
Conc: 0.76 ng/ml



#20 Methoxychlor

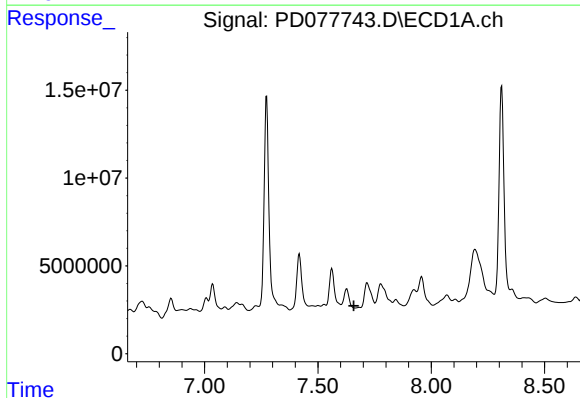
R.T.: 7.528 min
Delta R.T.: 0.015 min
Response: 508899
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



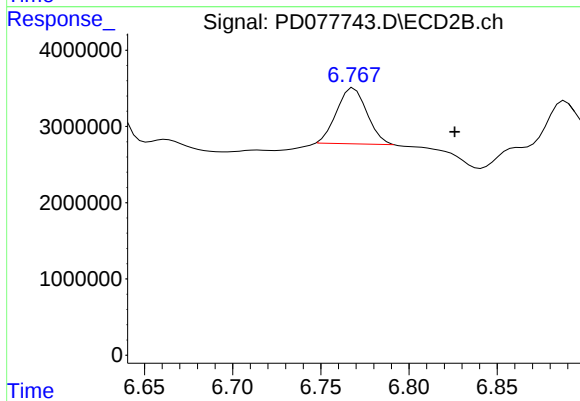
#20 Methoxychlor

R.T.: 6.572 min
Delta R.T.: -0.025 min
Response: 3527582
Conc: 4.52 ng/ml



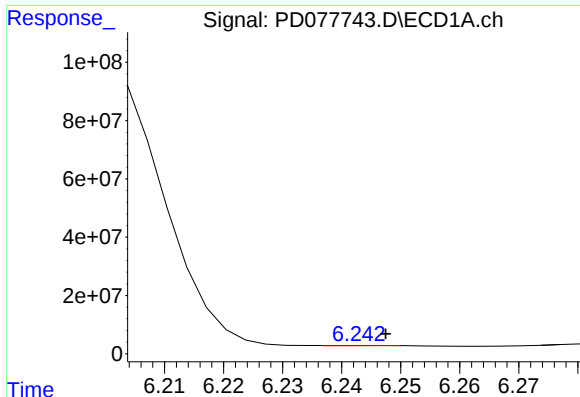
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.031 min
Response: -144683
Conc: N.D.



#21 Endrin ketone

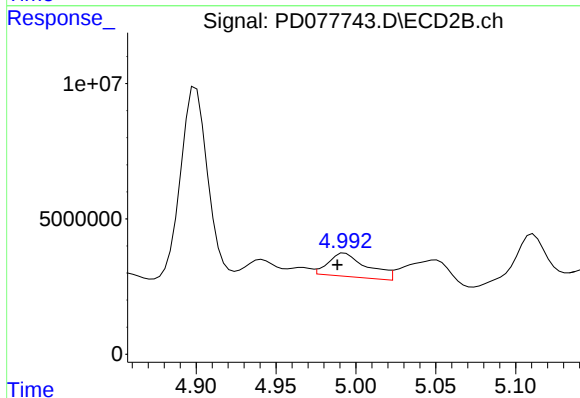
R.T.: 6.769 min
Delta R.T.: -0.057 min
Response: 8733178
Conc: 4.56 ng/ml



#22 Toxaphene-1

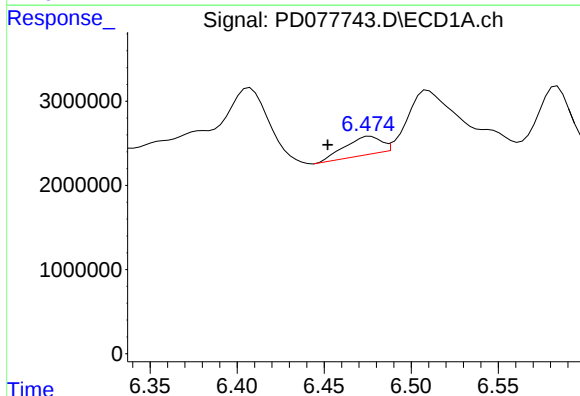
R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 1017026
Conc: 38.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



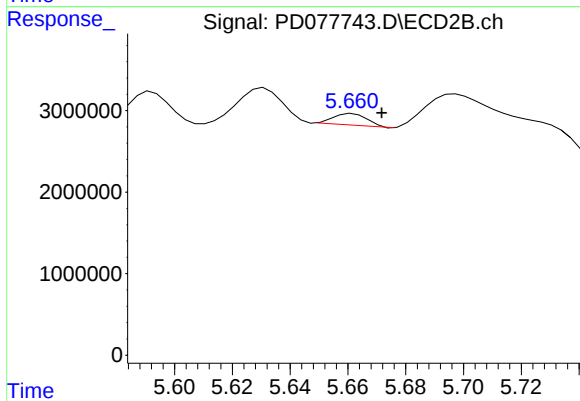
#22 Toxaphene-1

R.T.: 4.993 min
Delta R.T.: 0.005 min
Response: 14573606
Conc: 1396.23 ng/ml



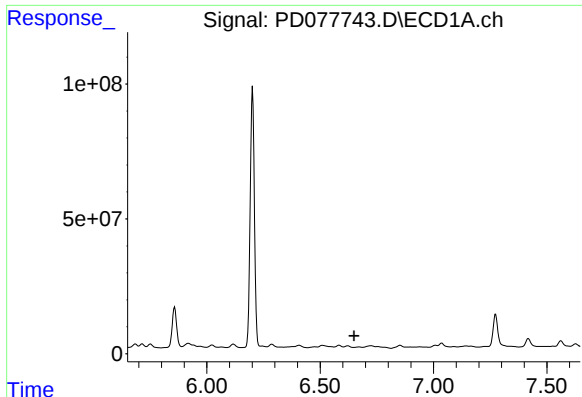
#23 Toxaphene-2

R.T.: 6.477 min
Delta R.T.: 0.025 min
Response: 3122005
Conc: 95.18 ng/ml



#23 Toxaphene-2

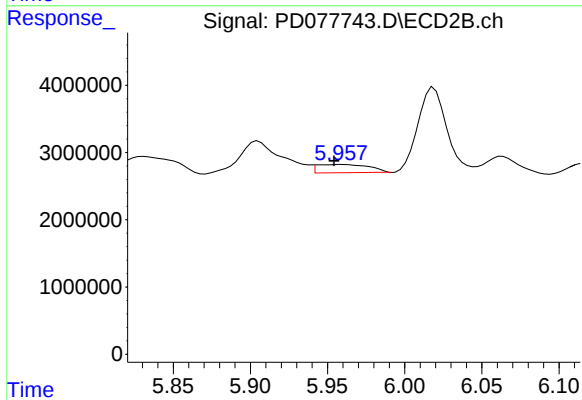
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 1149968
Conc: 95.36 ng/ml



#24 Toxaphene-3

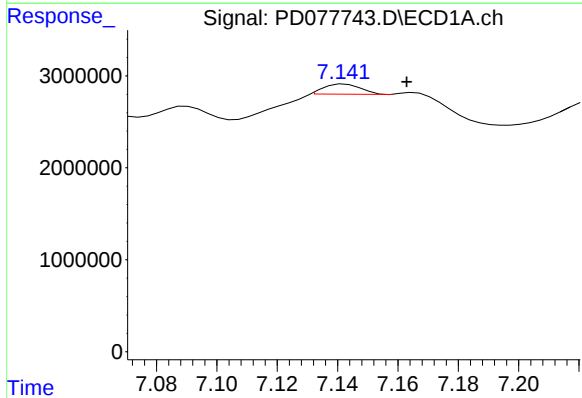
R.T.: 6.672 min
Delta R.T.: 0.022 min
Response: -3392298
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



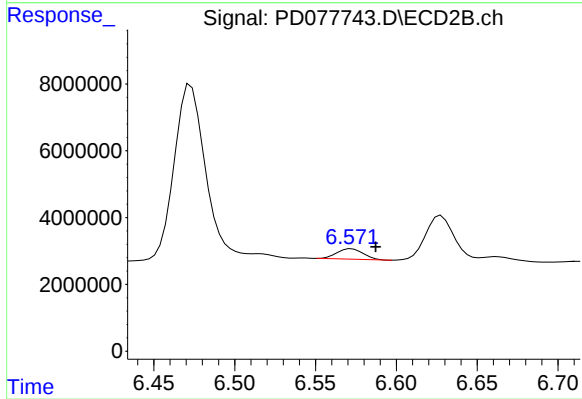
#24 Toxaphene-3

R.T.: 5.959 min
Delta R.T.: 0.005 min
Response: 2782544
Conc: 204.02 ng/ml



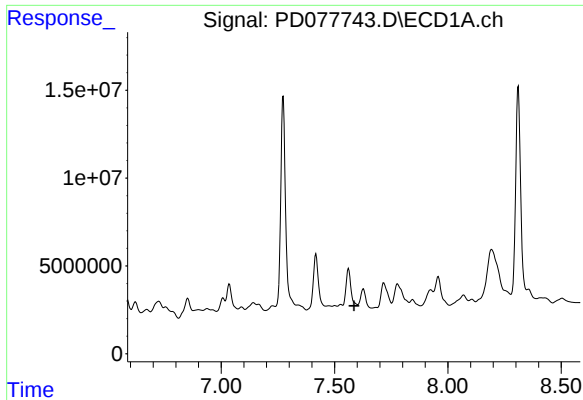
#25 Toxaphene-4

R.T.: 7.142 min
Delta R.T.: -0.021 min
Response: 913197
Conc: 12.71 ng/ml



#25 Toxaphene-4

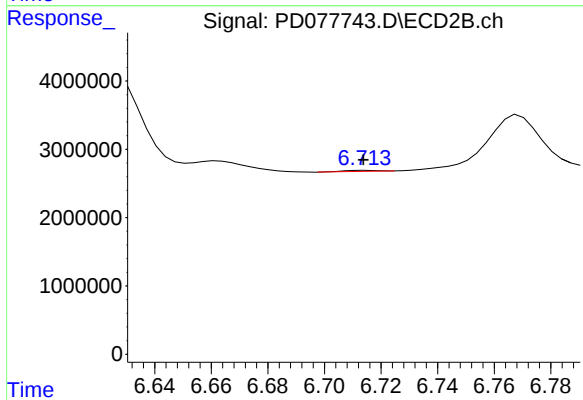
R.T.: 6.572 min
Delta R.T.: -0.015 min
Response: 3527582
Conc: 91.41 ng/ml



#26 Toxaphene-5

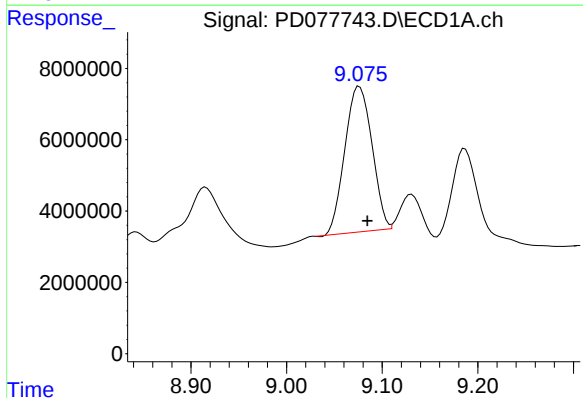
R.T.: 7.627 min
Delta R.T.: 0.041 min
Response: -144683
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



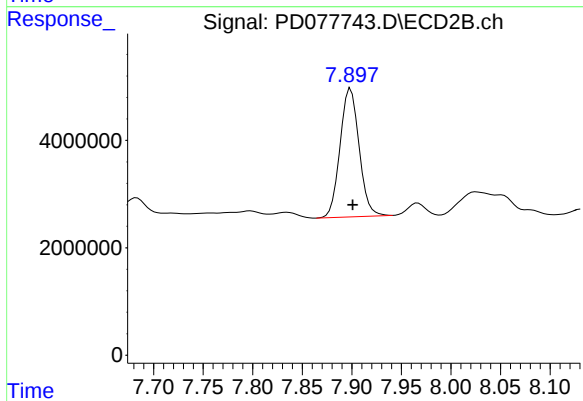
#26 Toxaphene-5

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 108591
Conc: 1.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 80557810
Conc: 25.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.002 min
Response: 31908916
Conc: 19.70 ng/ml