

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090723\
 Data File : PD077753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 14:36
 Operator : AR\AJ
 Sample : INDB321
 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 08 00:34:40 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

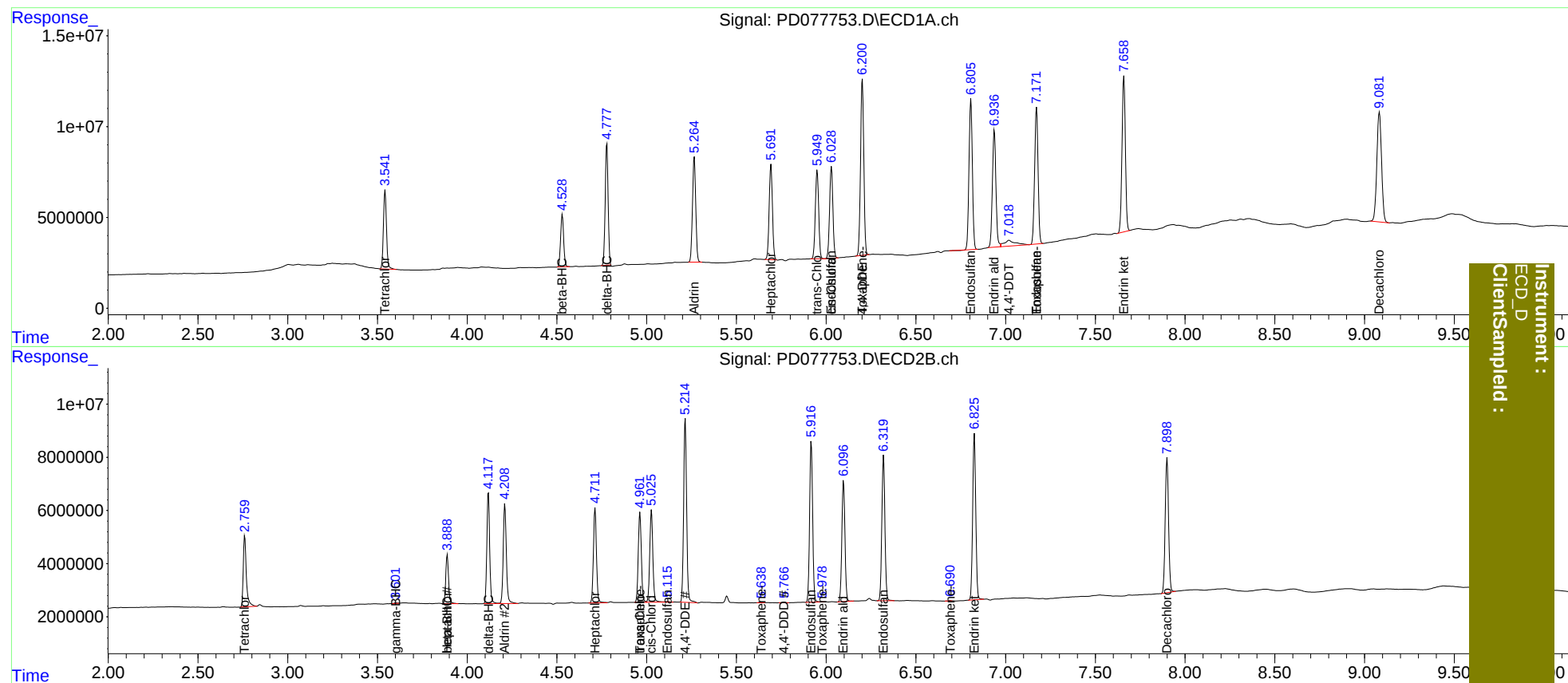
System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.761	51253159	31766858	20.197	21.495
27)	SA Decachlor...	9.082	7.899	110.8E6	65837659	35.472	40.653
Target Compounds							
3)	MA gamma-BHC...	0.000	3.602	0	299382	N.D.	0.139
4)	MA Heptachlor	4.877f	3.889f	-1365554	20215495	N.D.	9.093
5)	MB Aldrin	5.265	4.210	73141945	45183481	17.520	20.159
6)	B beta-BHC	4.530	3.889	33810869	20215495	18.404	20.459
7)	B delta-BHC	4.778	4.118	75017573	45865593	18.683	20.577
8)	B Heptachlo...	5.693	4.713	66067702	42061496	17.095	20.025
9)	A Endosulfan I	6.030f	5.117	64672567	370156	19.267	0.206 #
10)	B trans-Chl...	5.950	4.963	62852248	40051180	16.881	20.056
11)	B cis-Chlor...	6.030	5.027	64672567	41675373	16.780	20.379
12)	B 4,4'-DDE	6.202	5.215	122.5E6	80356033	34.560	42.300
14)	MA Endrin	0.000	5.639	0	112402	N.D.	<MDL
15)	B Endosulfa...	6.807	5.917	107.9E6	71038036	32.586	39.254
16)	A 4,4'-DDD	0.000	5.767	0	335597	N.D.	0.249
17)	MA 4,4'-DDT	7.019	5.980f	14490573	65966	5.289	<MDL #
18)	B Endrin al...	6.937	6.097	87854915	54675194	33.810	38.869
19)	B Endosulfa...	7.173	6.320	99940165	65243773	32.980	39.488
21)	B Endrin ke...	7.659	6.826	111.5E6	74249567	32.382	38.753
22)	Toxaphene-1	6.202f	4.963	122.5E6	40051180	4591.842	3837.132
23)	Toxaphene-2	0.000	5.639	0	112402	N.D.	9.321
24)	Toxaphene-3	0.000	5.980	0	65966	N.D.	4.837
25)	Toxaphene-4	7.173	0.000	99940165	0	1390.892	N.D. #
26)	Toxaphene-5	0.000	6.691	0	99817	N.D.	1.798

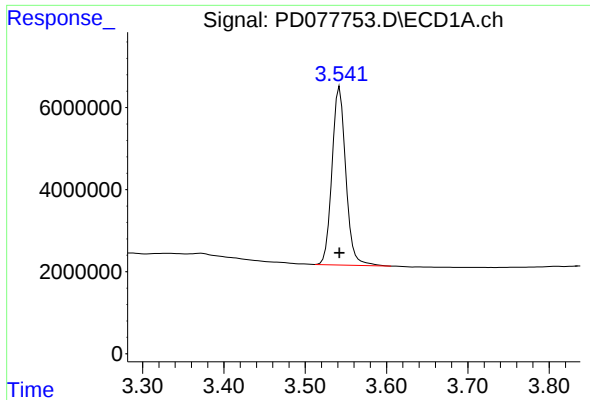
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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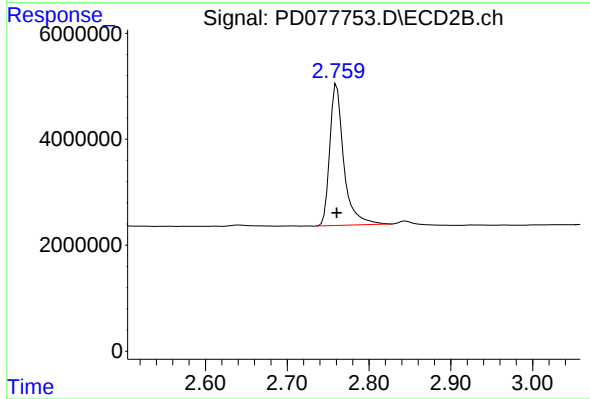




#1 Tetrachloro-m-xylene

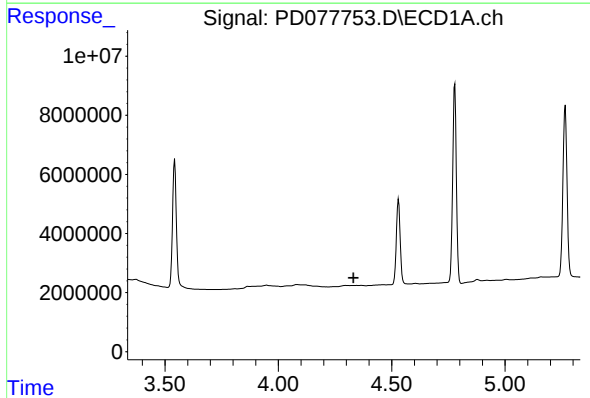
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 51253159
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



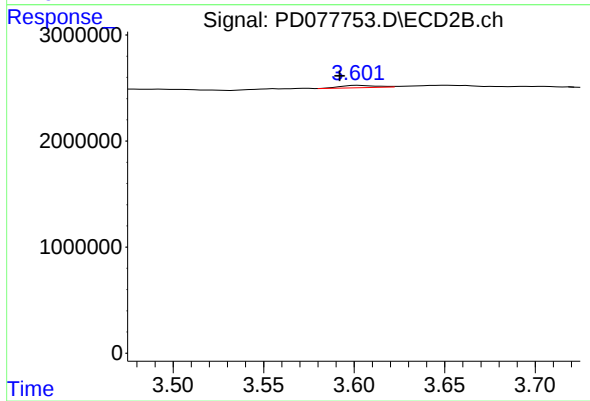
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 31766858
Conc: 21.49 ng/ml



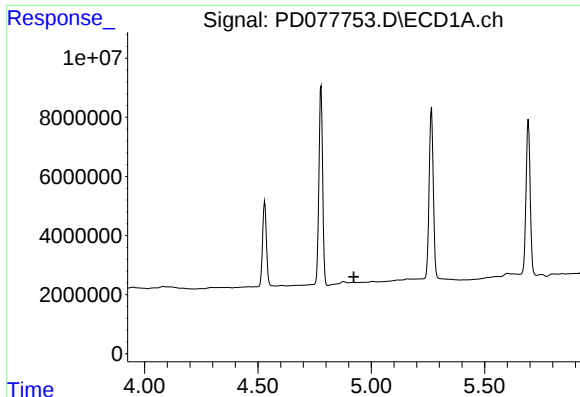
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.332 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

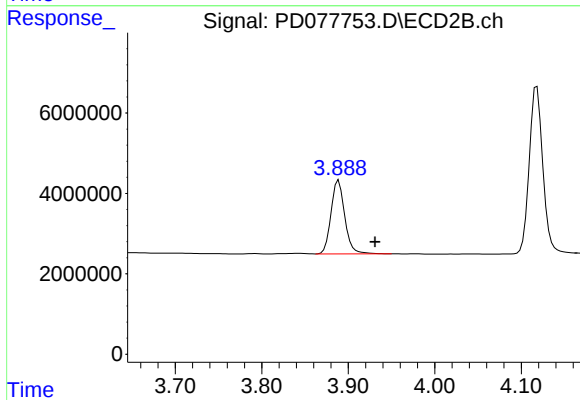
R.T.: 3.602 min
Delta R.T.: 0.010 min
Response: 299382
Conc: 0.14 ng/ml



#4 Heptachlor

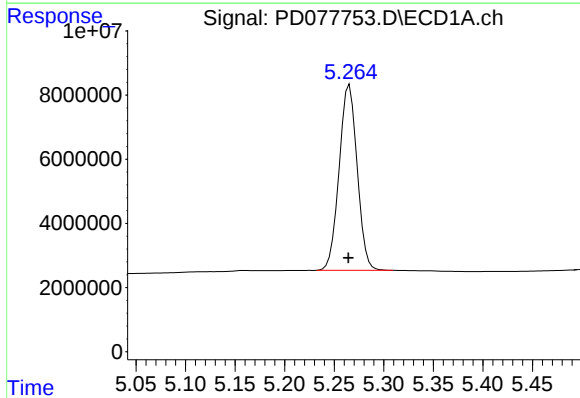
R.T.: 4.877 min
Delta R.T.: -0.045 min
Response: -1365554
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



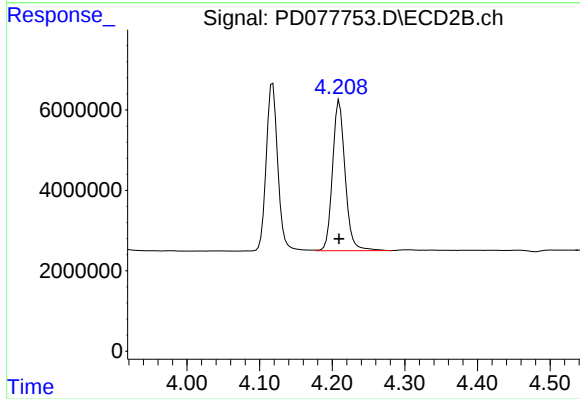
#4 Heptachlor

R.T.: 3.889 min
Delta R.T.: -0.042 min
Response: 20215495
Conc: 9.09 ng/ml



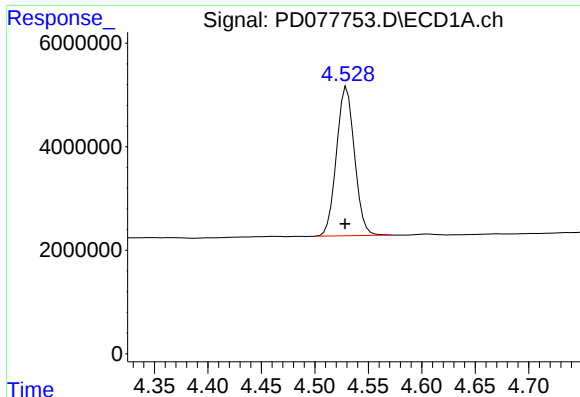
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 73141945
Conc: 17.52 ng/ml



#5 Aldrin

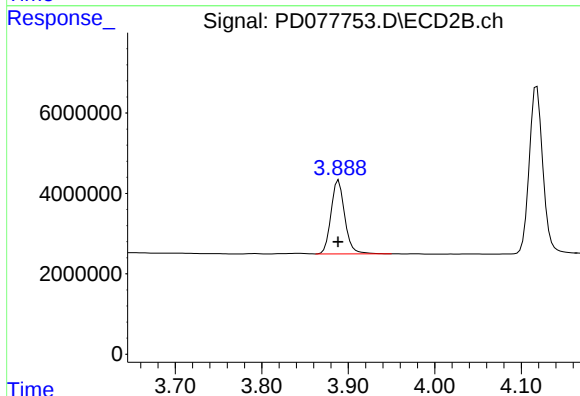
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 45183481
Conc: 20.16 ng/ml



#6 beta-BHC

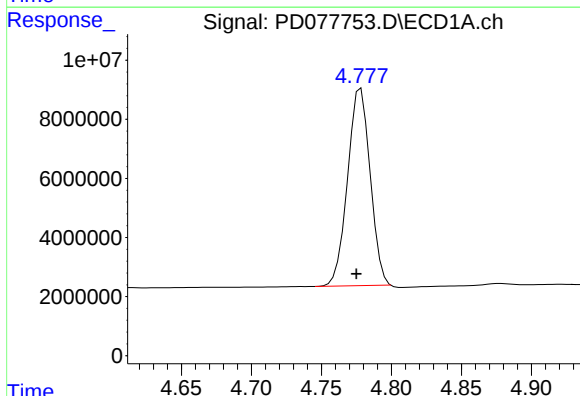
R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 33810869
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



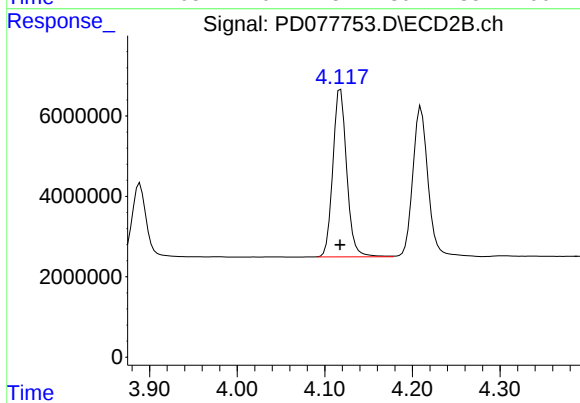
#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 20215495
Conc: 20.46 ng/ml



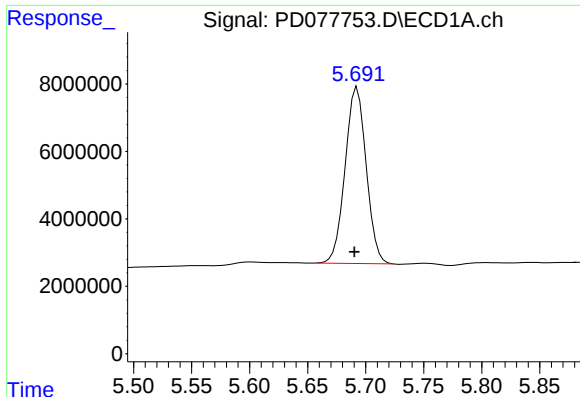
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 75017573
Conc: 18.68 ng/ml



#7 delta-BHC

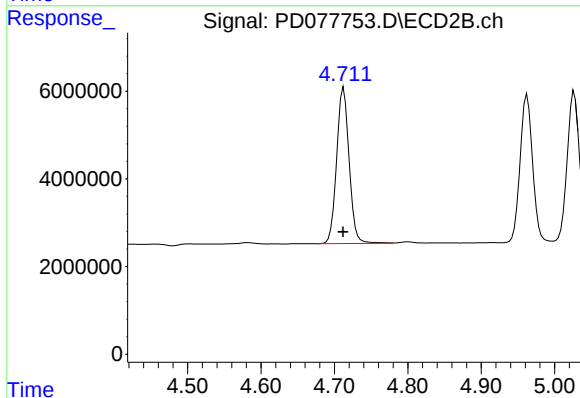
R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 45865593
Conc: 20.58 ng/ml



#8 Heptachlor epoxide

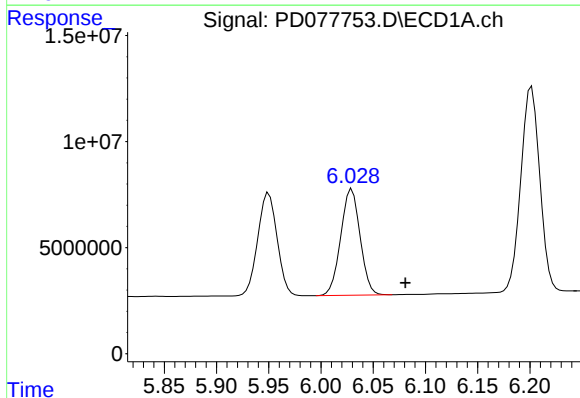
R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 66067702
Conc: 17.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



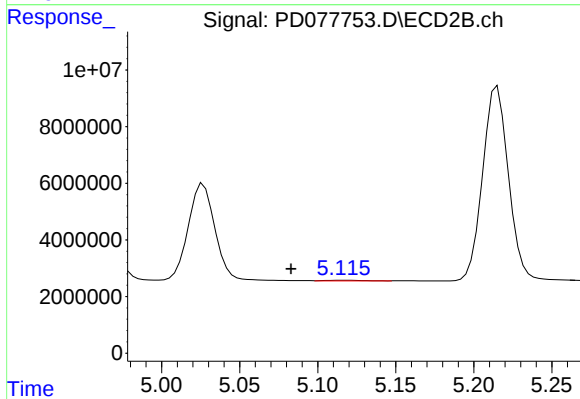
#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 42061496
Conc: 20.02 ng/ml



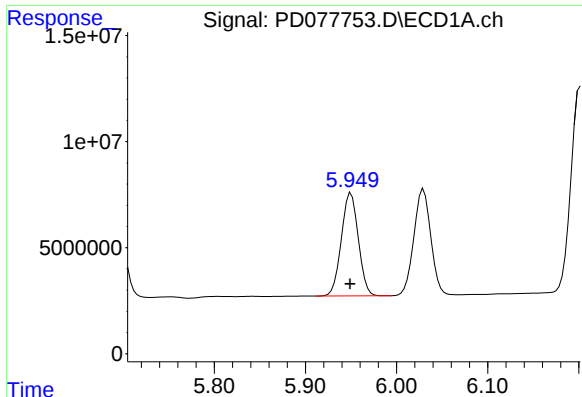
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.051 min
Response: 64672567
Conc: 19.27 ng/ml



#9 Endosulfan I

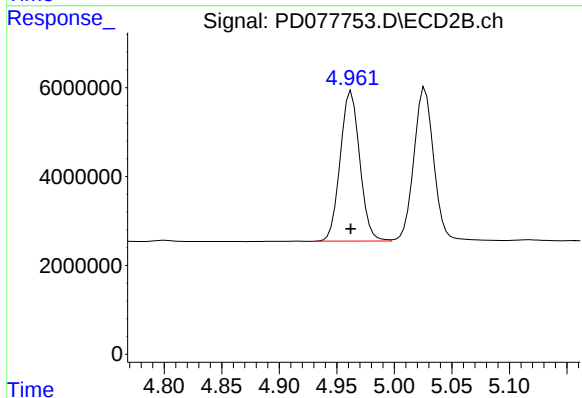
R.T.: 5.117 min
Delta R.T.: 0.034 min
Response: 370156
Conc: 0.21 ng/ml



#10 trans-Chlordane

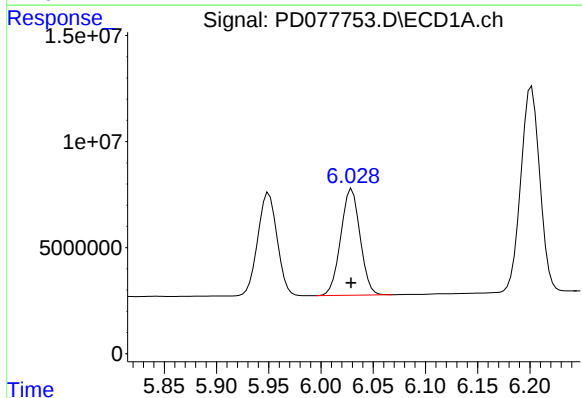
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 62852248
Conc: 16.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



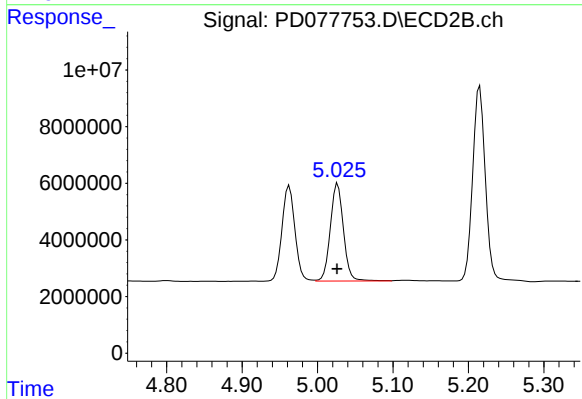
#10 trans-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 40051180
Conc: 20.06 ng/ml



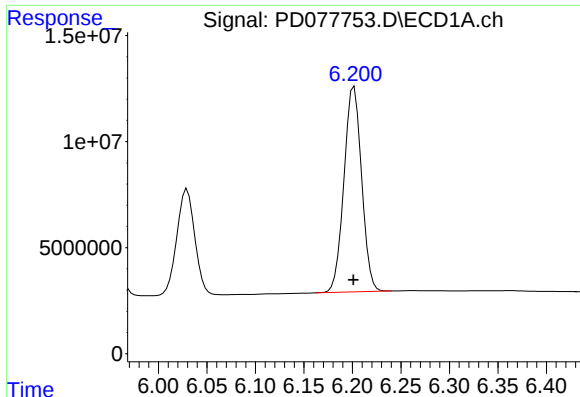
#11 cis-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 64672567
Conc: 16.78 ng/ml



#11 cis-Chlordane

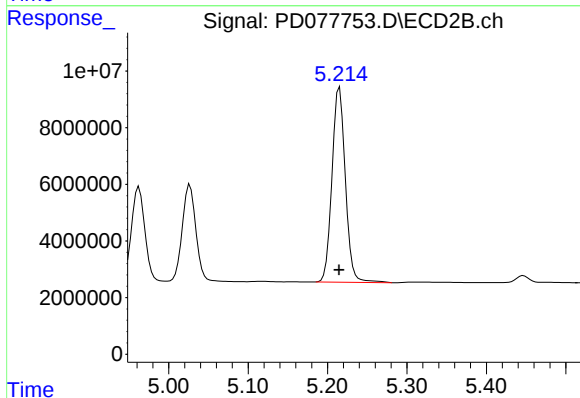
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 41675373
Conc: 20.38 ng/ml



#12 4,4'-DDE

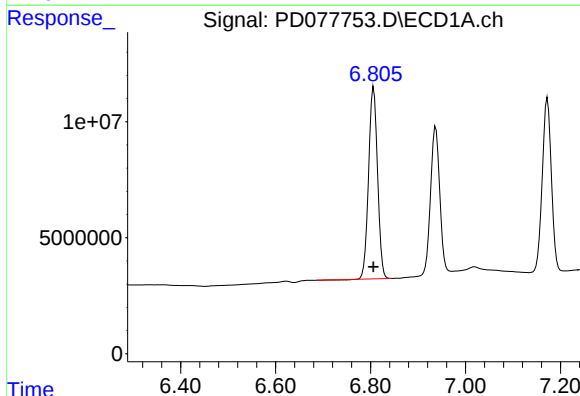
R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 122522565
Conc: 34.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



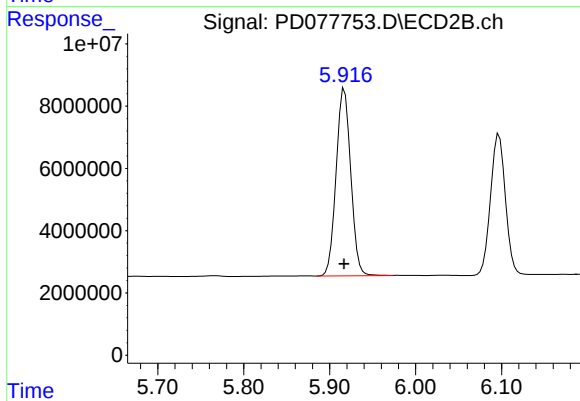
#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 80356033
Conc: 42.30 ng/ml



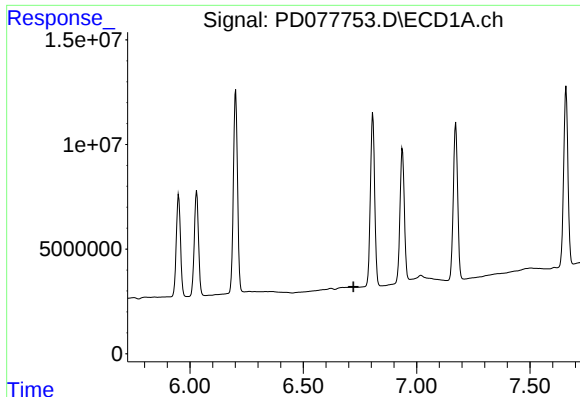
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 107896392
Conc: 32.59 ng/ml



#15 Endosulfan II

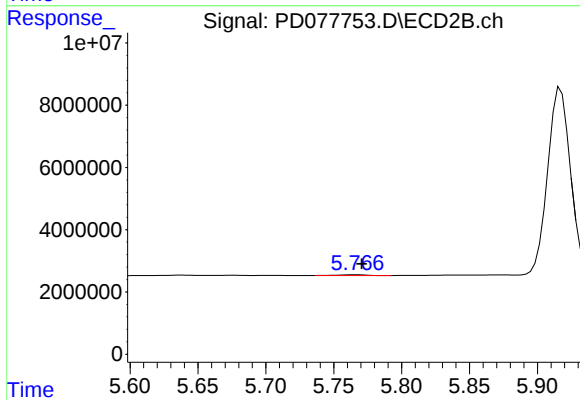
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 71038036
Conc: 39.25 ng/ml



#16 4,4'-DDD

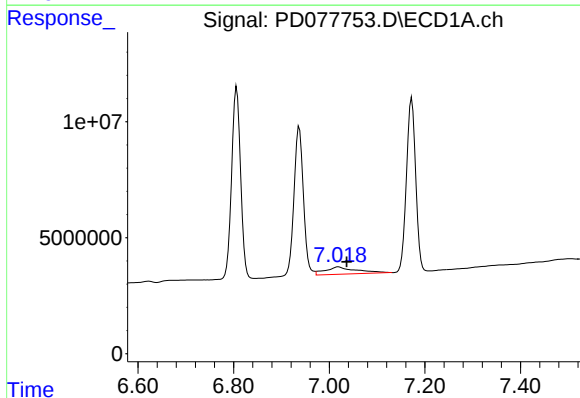
R.T.: 0.000 min
Exp R.T.: 6.722 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



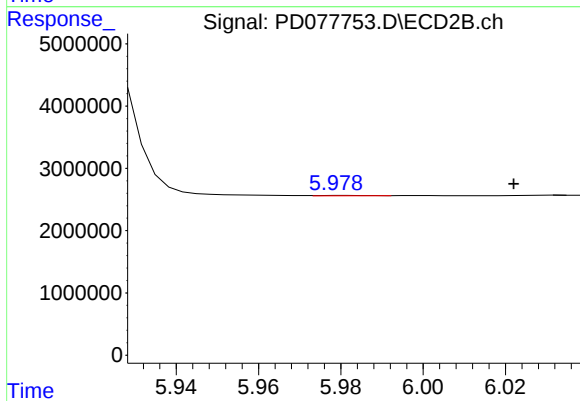
#16 4,4'-DDD

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 335597
Conc: 0.25 ng/ml



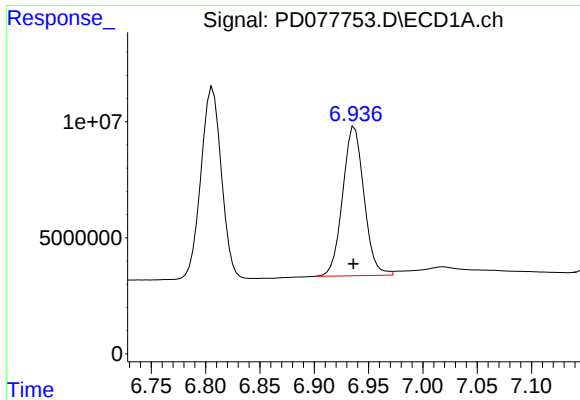
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.018 min
Response: 14490573
Conc: 5.29 ng/ml



#17 4,4'-DDT

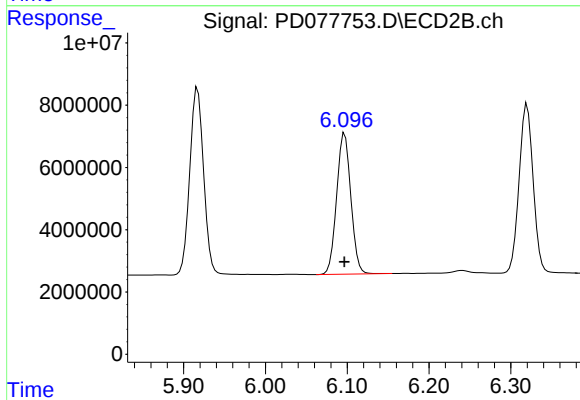
R.T.: 5.980 min
Delta R.T.: -0.042 min
Response: 65966
Conc: N.D.



#18 Endrin aldehyde

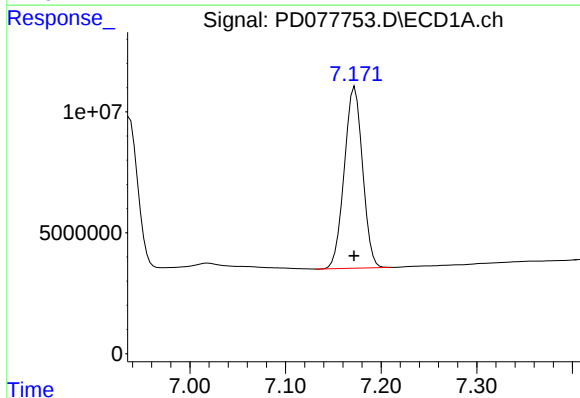
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 87854915
Conc: 33.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



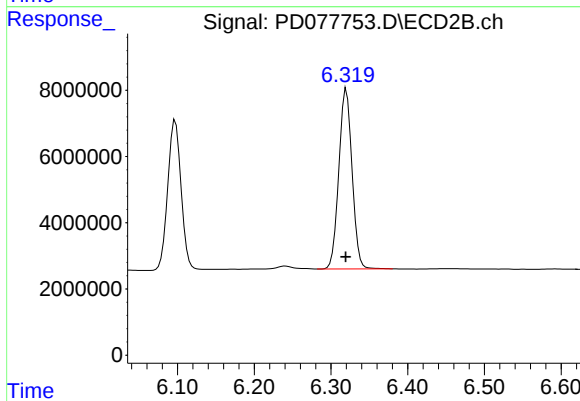
#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 54675194
Conc: 38.87 ng/ml



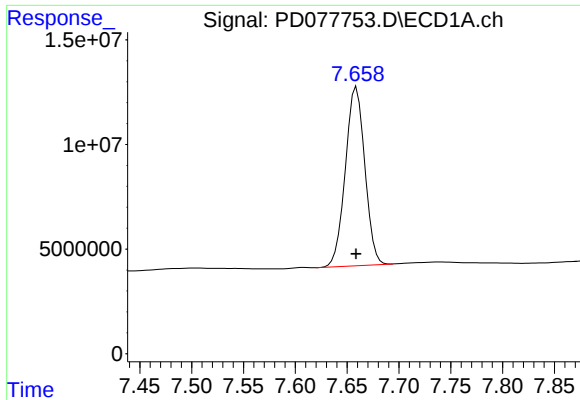
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 99940165
Conc: 32.98 ng/ml



#19 Endosulfan Sulfate

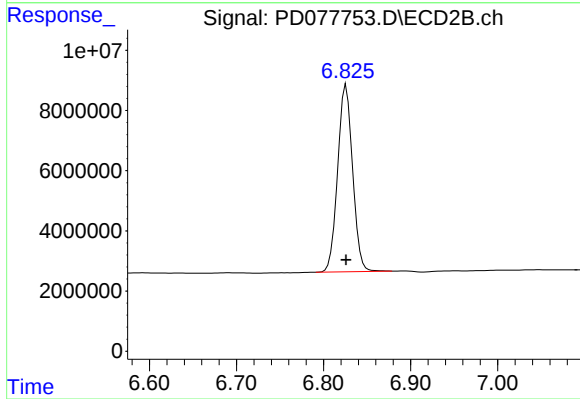
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 65243773
Conc: 39.49 ng/ml



#21 Endrin ketone

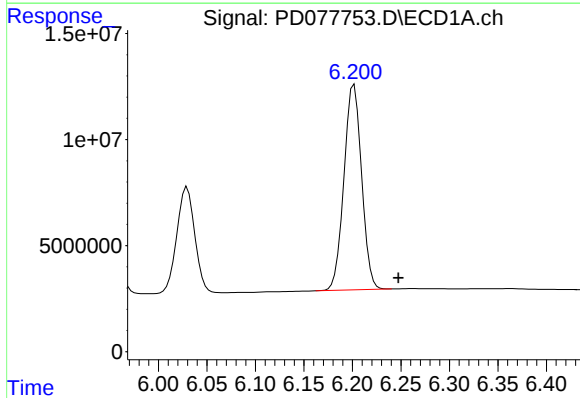
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 111491851
Conc: 32.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



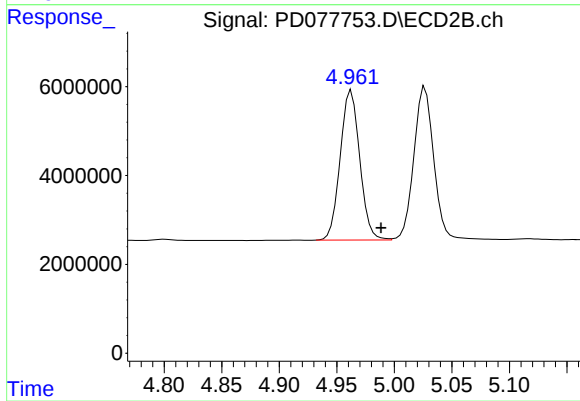
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 74249567
Conc: 38.75 ng/ml



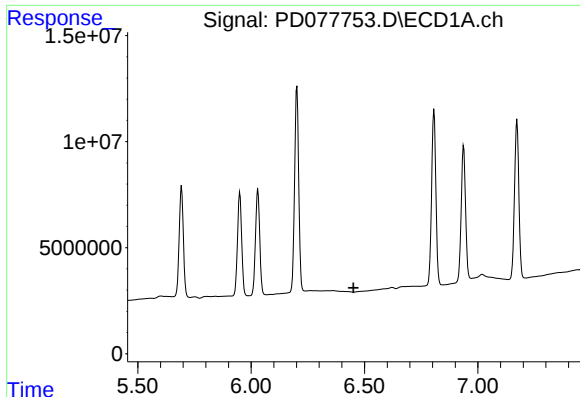
#22 Toxaphene-1

R.T.: 6.202 min
Delta R.T.: -0.046 min
Response: 122522565
Conc: 4591.84 ng/ml



#22 Toxaphene-1

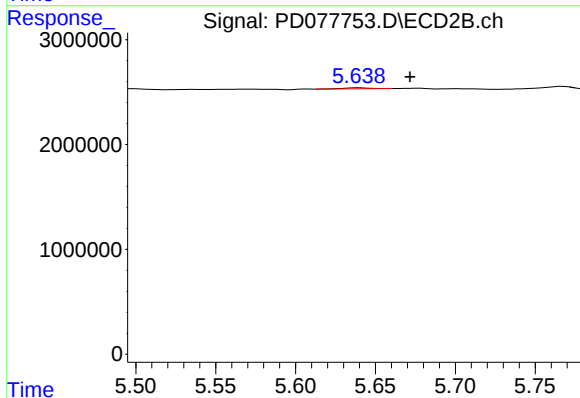
R.T.: 4.963 min
Delta R.T.: -0.026 min
Response: 40051180
Conc: 3837.13 ng/ml



#23 Toxaphene-2

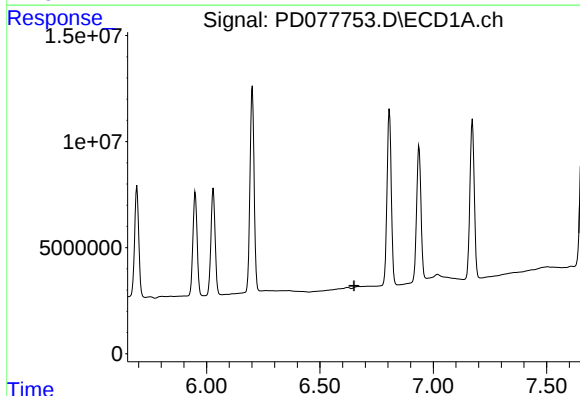
R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



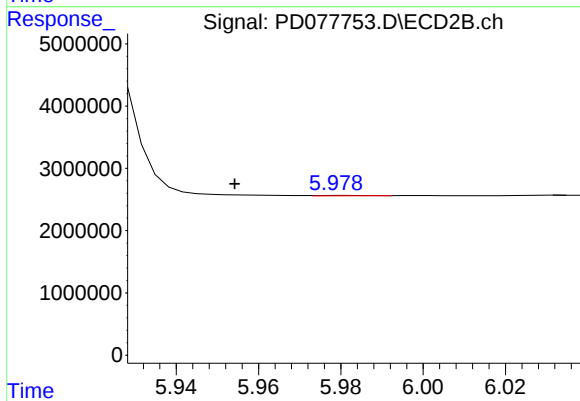
#23 Toxaphene-2

R.T.: 5.639 min
Delta R.T.: -0.033 min
Response: 112402
Conc: 9.32 ng/ml



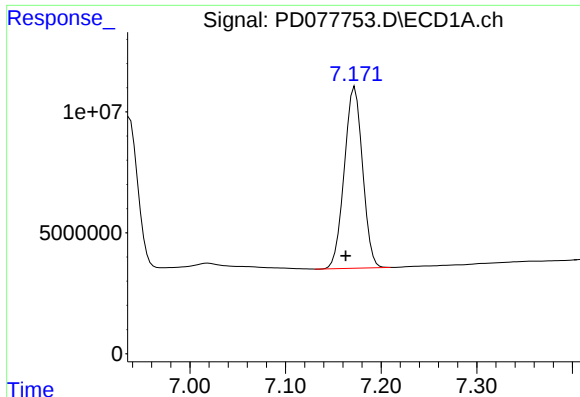
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

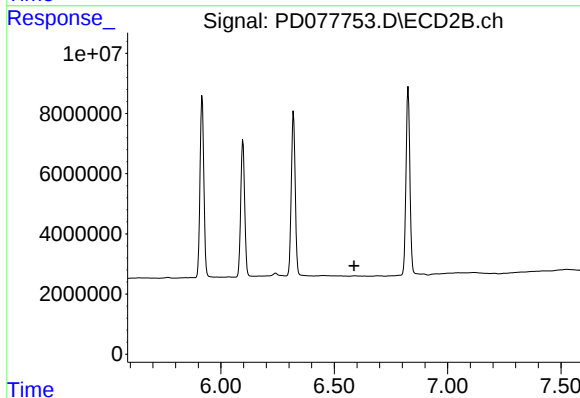
R.T.: 5.980 min
Delta R.T.: 0.026 min
Response: 65966
Conc: 4.84 ng/ml



#25 Toxaphene-4

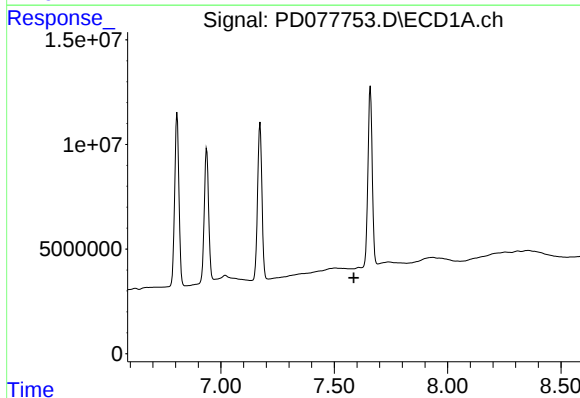
R.T.: 7.173 min
Delta R.T.: 0.010 min
Response: 99940165
Conc: 1390.89 ng/m

Instrument :
ECD_D
ClientSampleId :



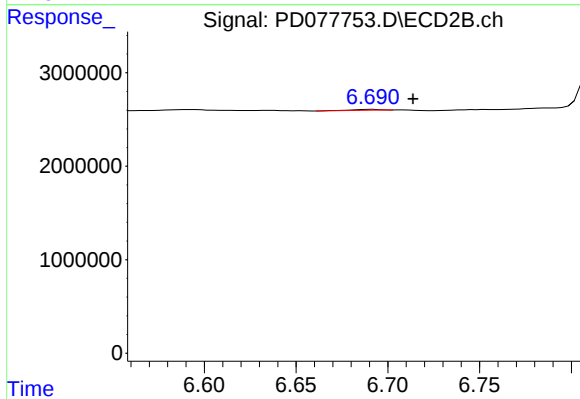
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.587 min
Response: 0
Conc: N.D.



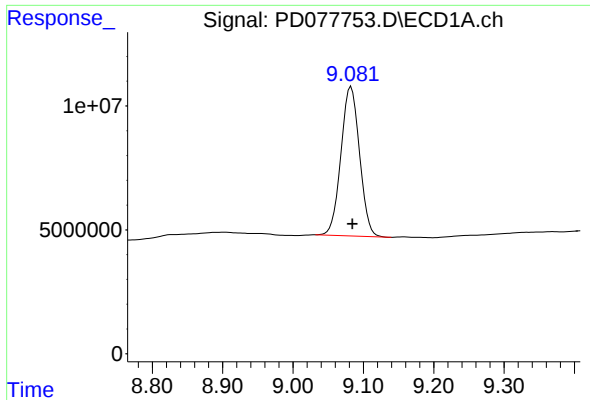
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.586 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

R.T.: 6.691 min
Delta R.T.: -0.022 min
Response: 99817
Conc: 1.80 ng/ml



#27 Decachlorobiphenyl

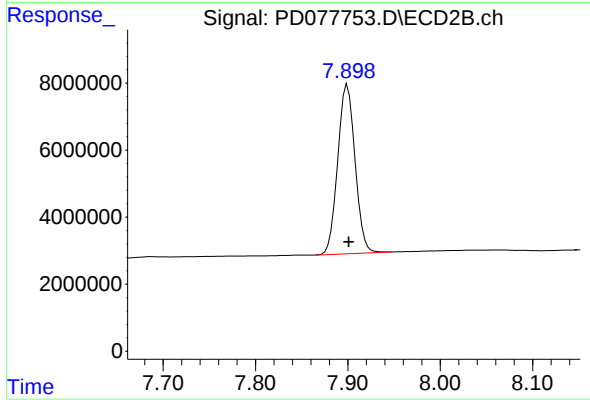
R.T.: 9.082 min

Delta R.T.: -0.002 min

Response: 110810914

Conc: 35.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.899 min

Delta R.T.: -0.001 min

Response: 65837659

Conc: 40.65 ng/ml