

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045491.D
 Signal(s) : FID2B.ch
 Acq On : 14 Apr 2023 19:56
 Operator : YP/AJ
 Sample : 02301-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMS

Integration File: autoint1.e
 Quant Time: Apr 15 03:24:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.547	7409913	54.083 ug/ml
Spiked Amount 50.000		Recovery =	108.17%
6) S 2-Fluorobiphenyl (SURR)	8.403	4288413	47.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.67%
11) S ortho-Terphenyl (SURR)	11.444	7126311	40.959 ug/ml
Spiked Amount 50.000		Recovery =	81.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	5695088	36.558 ug/ml
2) T Naphthalene (C11.7)	5.886	6700220	41.692 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	6896084	43.079 ug/ml
5) T Acenaphthylene (C15.06)	8.208	7671022	52.392 ug/ml
7) T Acenaphthene (C15.5)	8.505	8061340	51.973 ug/ml
8) T Fluorene (C16.55)	9.283	7926424	53.453 ug/ml
9) T Phenanthrene (C19.36)	10.675	7981819	55.102 ug/ml
10) T Anthracene (C19.43)	10.750	7818343	56.562 ug/ml
12) T Fluoranthene (C21.85)	12.481	8015101	55.710 ug/ml
13) T Pyrene (C20.8)	12.777	7996767	56.876 ug/ml
14) T Benzo[a]anthracene (C...	14.641	7234208	56.410 ug/ml
15) T Chrysene (C27.41)	14.686	7152395	53.939 ug/ml
16) T benzo[b]fluoranthene ...	16.185	7259057	55.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	6958856	54.944 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	6326683	50.320 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	6226405	52.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	6045996	50.749 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	6618126	52.983 ug/ml

(f)=RT Delta > 1/2 Window

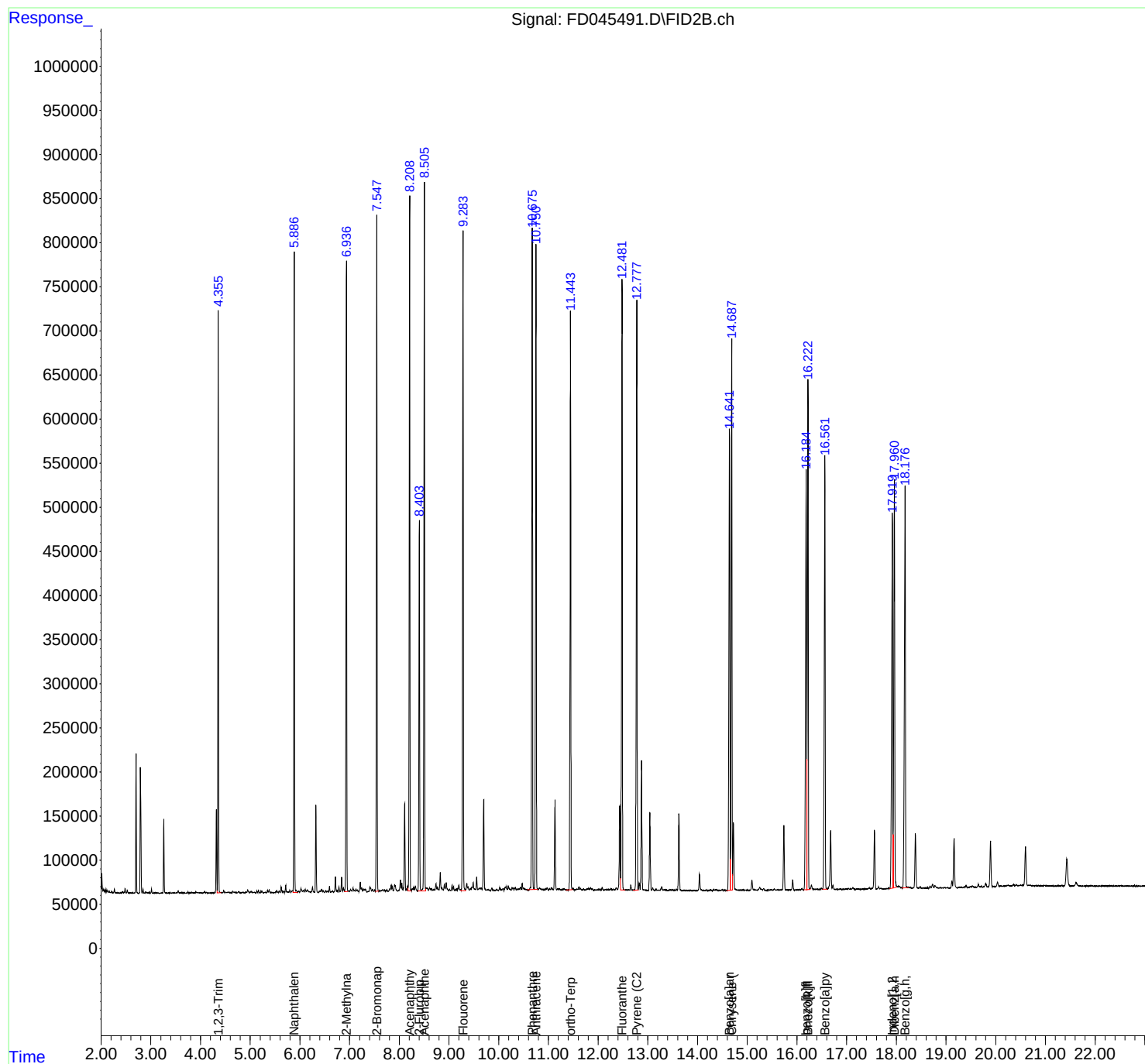
(m)=manual int.

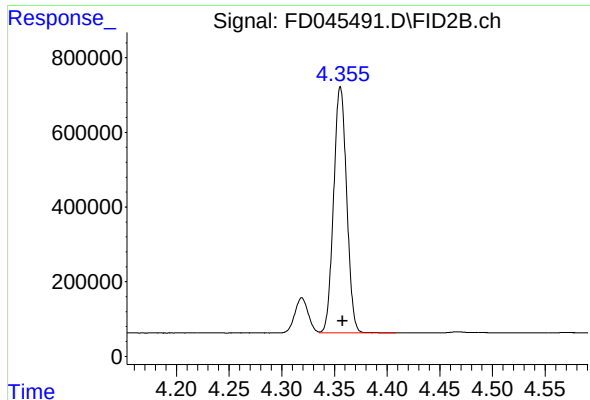
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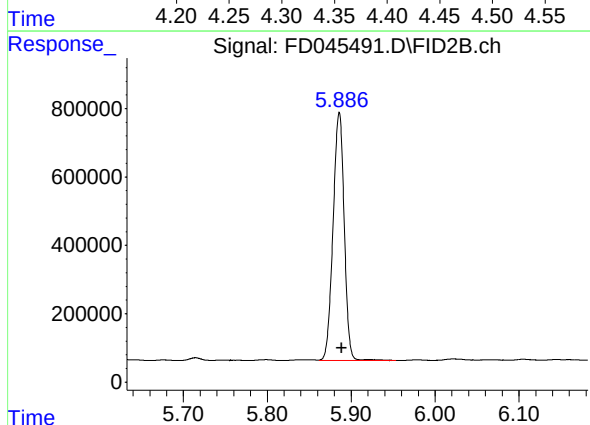




#1 1,2,3-Trimethylbenzene (C10.1)

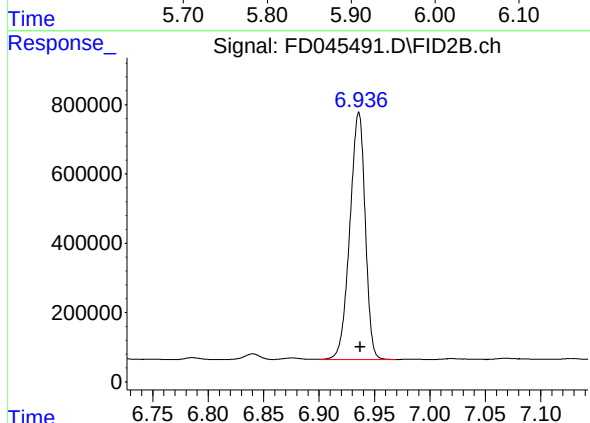
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 5695088
Conc: 36.56 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS



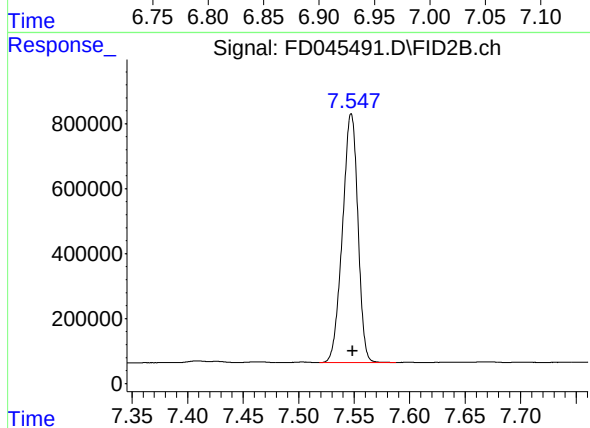
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 6700220
Conc: 41.69 ug/ml



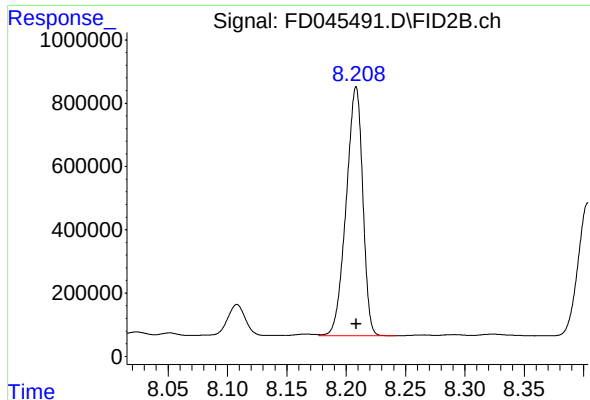
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 6896084
Conc: 43.08 ug/ml



#4 2-Bromonaphthalene (SURR)

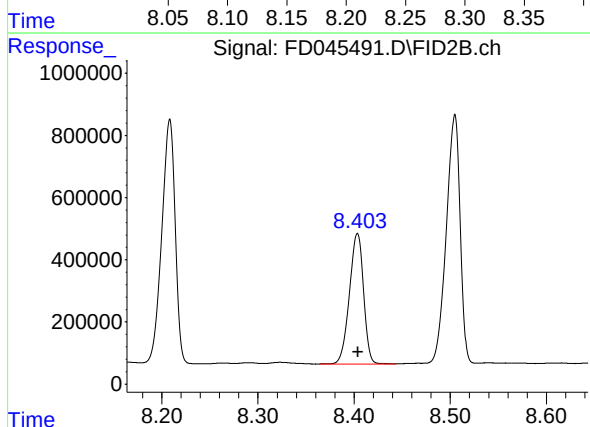
R.T.: 7.547 min
Delta R.T.: -0.001 min
Response: 7409913
Conc: 54.08 ug/ml



#5 Acenaphthylene (C15.06)

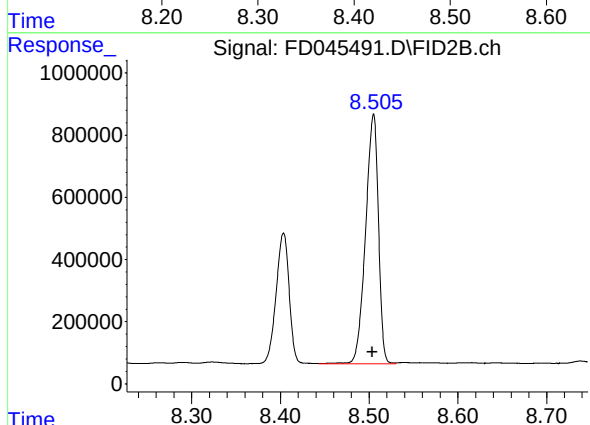
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 7671022
Conc: 52.39 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS



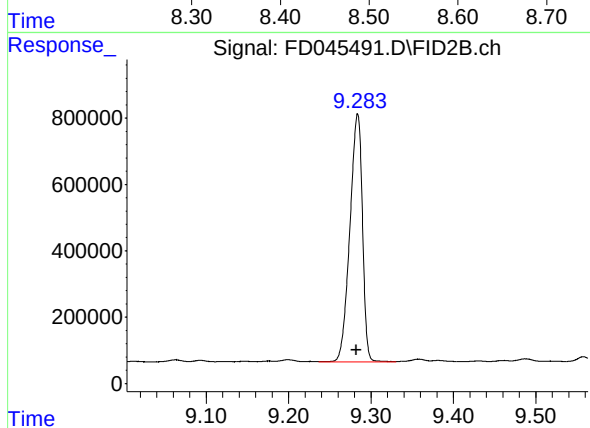
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 4288413
Conc: 47.84 ug/ml



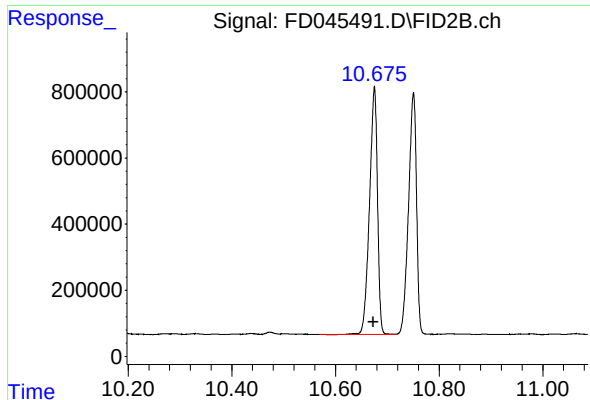
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 8061340
Conc: 51.97 ug/ml



#8 Flouorene (C16.55)

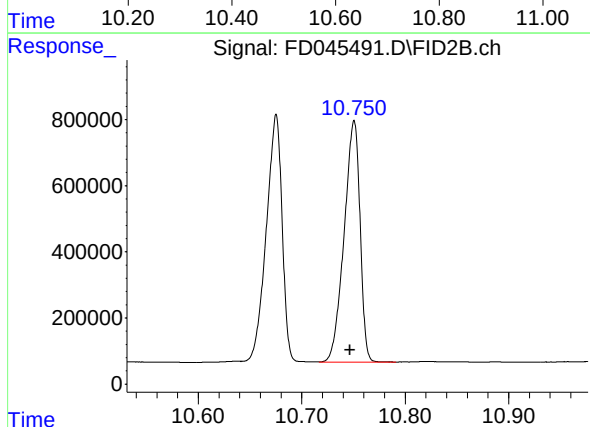
R.T.: 9.283 min
Delta R.T.: 0.001 min
Response: 7926424
Conc: 53.45 ug/ml



#9 Phenanthrene (C19.36)

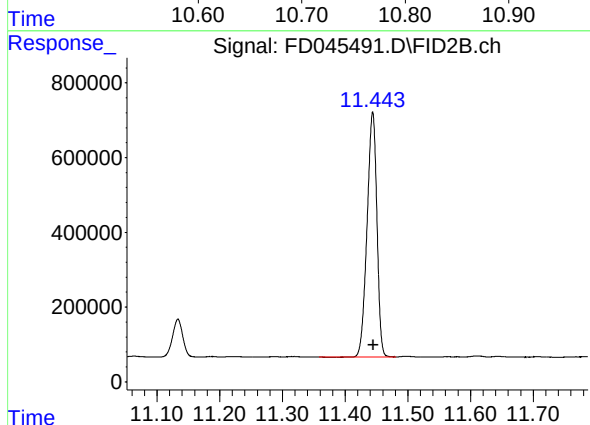
R.T.: 10.675 min
Delta R.T.: 0.001 min
Response: 7981819
Conc: 55.10 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS



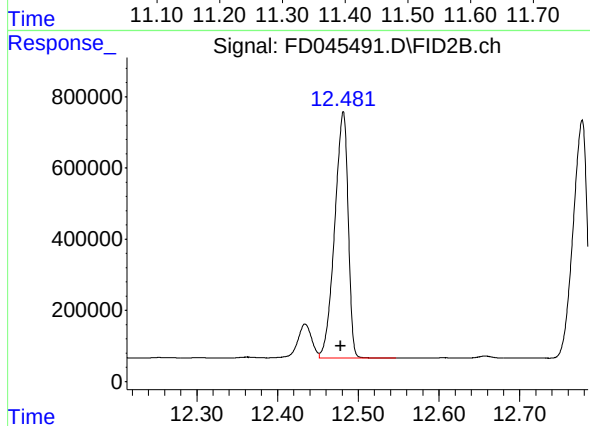
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.003 min
Response: 7818343
Conc: 56.56 ug/ml



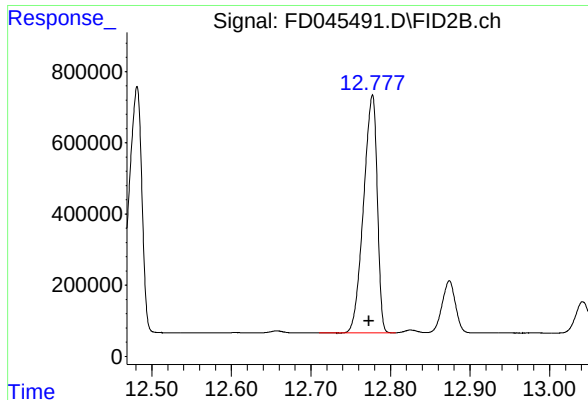
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 7126311
Conc: 40.96 ug/ml



#12 Fluoranthene (C21.85)

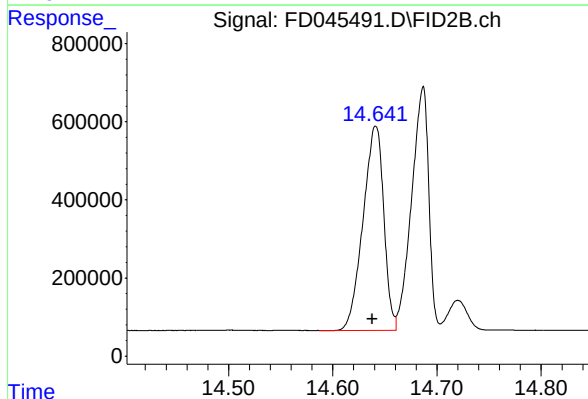
R.T.: 12.481 min
Delta R.T.: 0.003 min
Response: 8015101
Conc: 55.71 ug/ml



#13 Pyrene (C20.8)

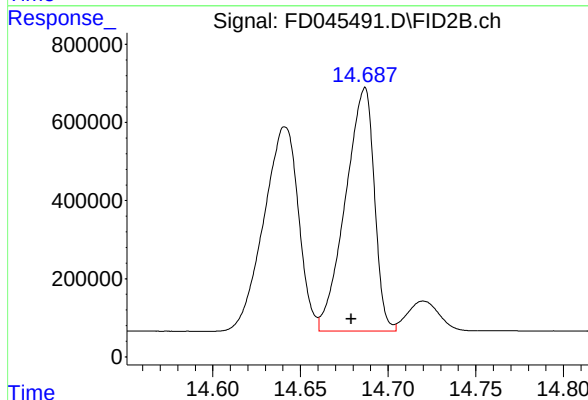
R.T.: 12.777 min
Delta R.T.: 0.004 min
Response: 7996767
Conc: 56.88 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS



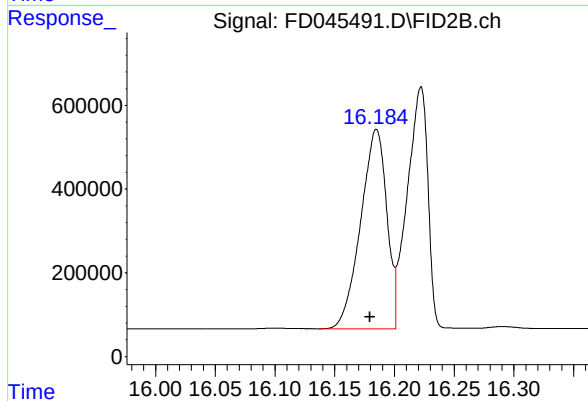
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.003 min
Response: 7234208
Conc: 56.41 ug/ml



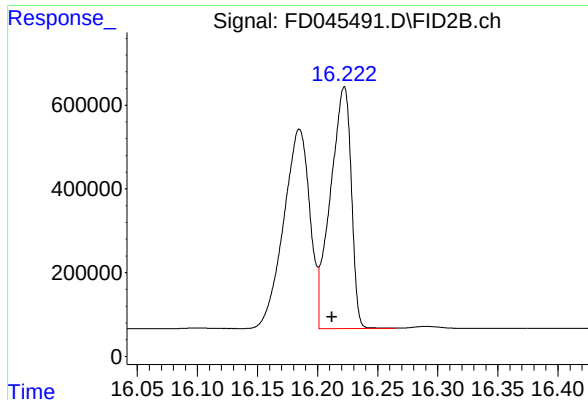
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.007 min
Response: 7152395
Conc: 53.94 ug/ml



#16 benzo[b]fluoranthene (C30.41)

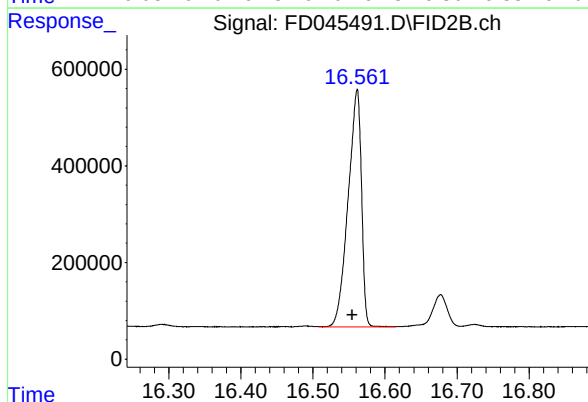
R.T.: 16.185 min
Delta R.T.: 0.005 min
Response: 7259057
Conc: 55.88 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

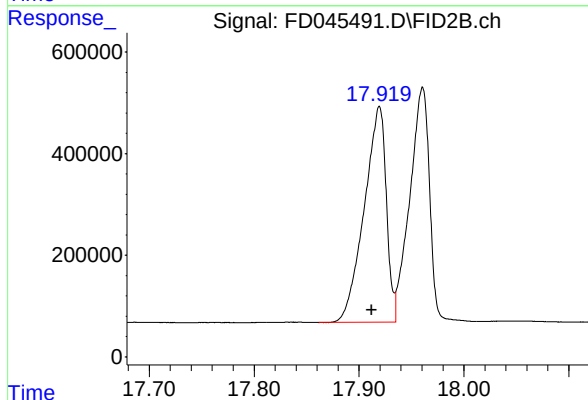
R.T.: 16.222 min
Delta R.T.: 0.010 min
Response: 6958856
Conc: 54.94 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS



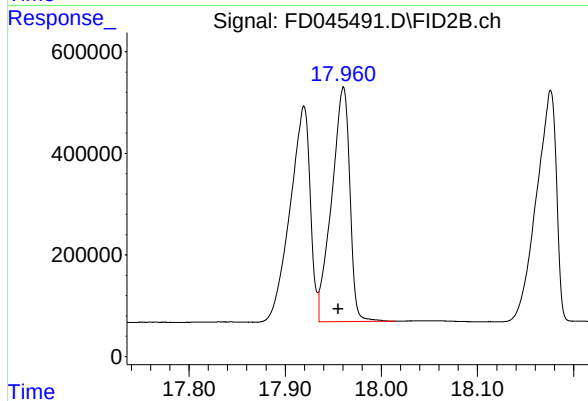
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 6326683
Conc: 50.32 ug/ml



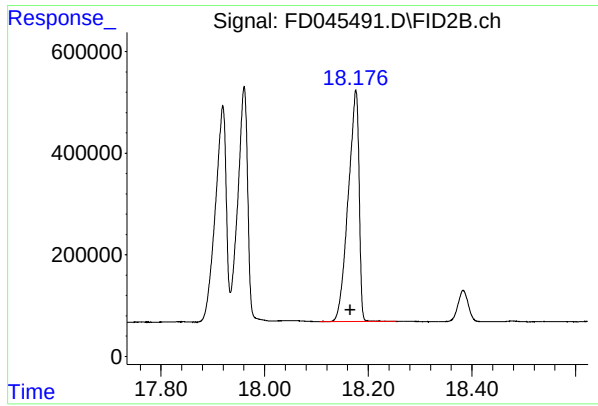
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.007 min
Response: 6226405
Conc: 52.61 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.960 min
Delta R.T.: 0.005 min
Response: 6045996
Conc: 50.75 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.175 min

Delta R.T.: 0.010 min

Response: 6618126

Conc: 52.98 ug/ml

Instrument :

FID_D

ClientSampleId :

WASTEMS