

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060723AR\
 Data File : FD045811.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 15:25
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 23:54:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	4200962	23.302 ug/ml
Spiked Amount 50.000		Recovery =	46.60%
6) S 2-Fluorobiphenyl (SURR)	8.384	2755838	22.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.84%
11) S ortho-Terphenyl (SURR)	11.424	5139199	23.008 ug/ml
Spiked Amount 50.000		Recovery =	46.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.338	4746573	23.512 ug/ml
2) T Naphthalene (C11.7)	5.868	4892494	23.089 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	4900329	23.202 ug/ml
5) T Acenaphthylene (C15.06)	8.188	4395881	23.202 ug/ml
7) T Acenaphthene (C15.5)	8.484	4700990	23.251 ug/ml
8) T Fluorene (C16.55)	9.262	4562807	23.029 ug/ml
9) T Phenanthrene (C19.36)	10.652	4328832	22.627 ug/ml
10) T Anthracene (C19.43)	10.726	3589980	21.074 ug/ml
12) T Fluoranthene (C21.85)	12.456	4147644	22.450 ug/ml
13) T Pyrene (C20.8)	12.751	4019952	22.508 ug/ml
14) T Benzo[a]anthracene (C...	14.614	3362547	21.477 ug/ml
15) T Chrysene (C27.41)	14.656	3560778	21.583 ug/ml
16) T benzo[b]fluoranthene ...	16.156	3290418	21.741 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	3263002	21.076 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	3193765	21.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	3154801	21.540 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	3267005	21.777 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	3257273	22.075 ug/ml

(f)=RT Delta > 1/2 Window

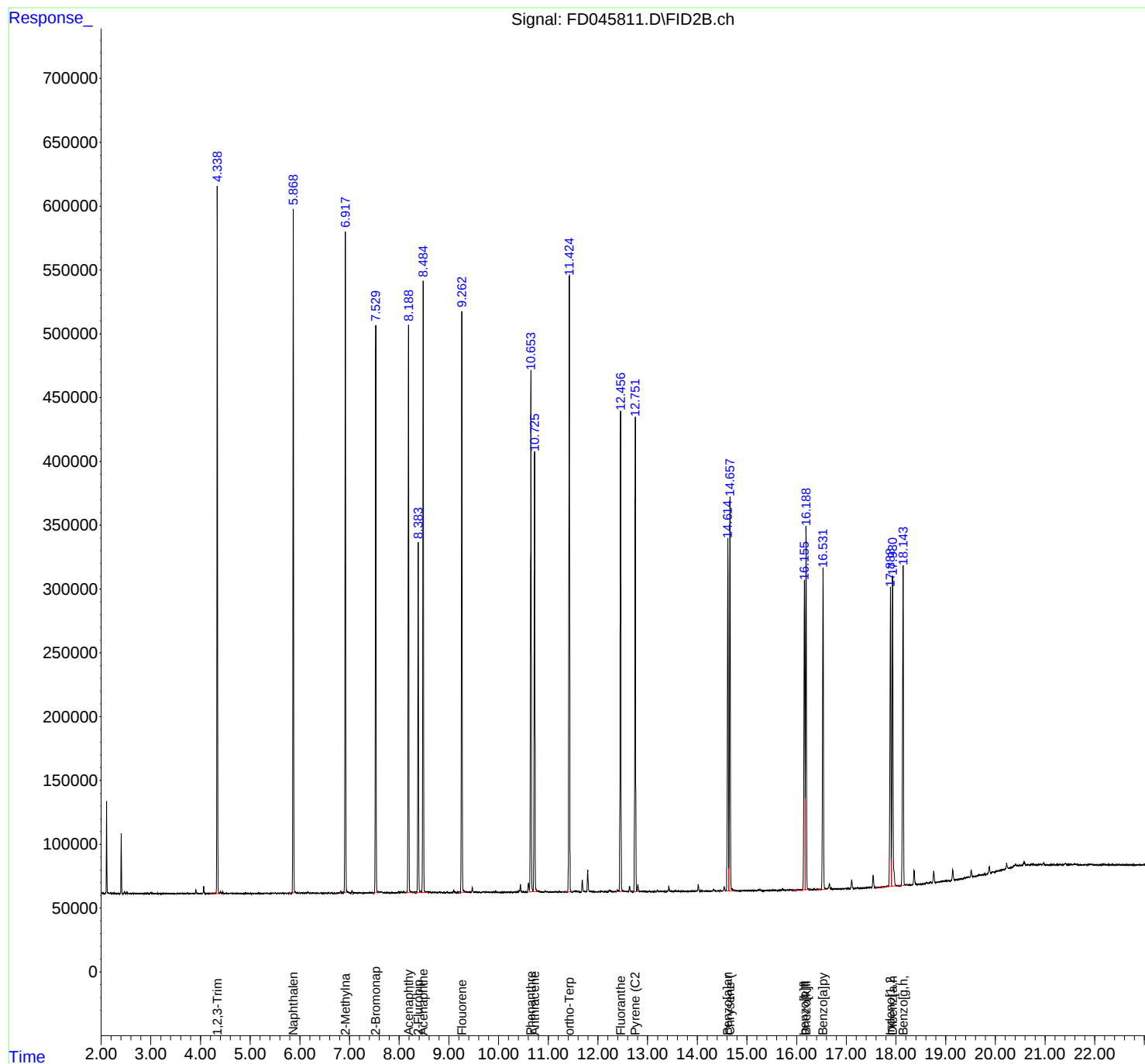
(m)=manual int.

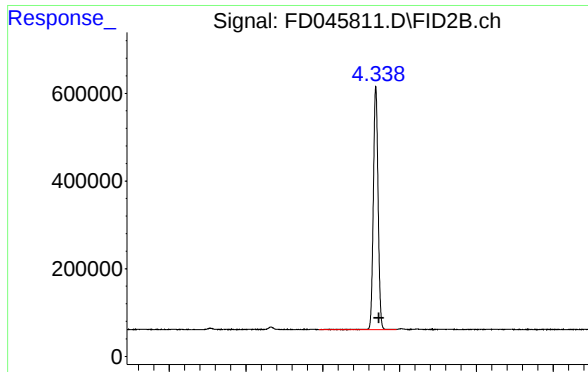
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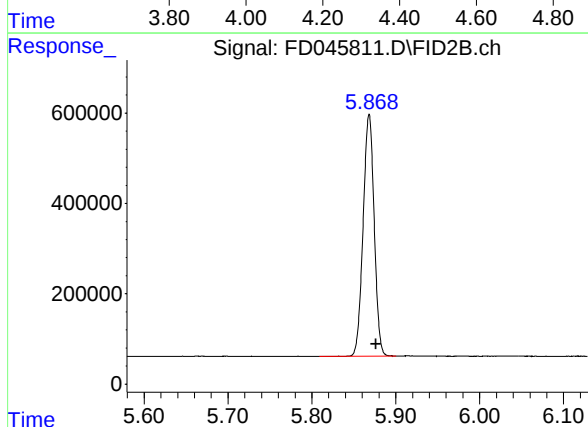




#1 1,2,3-Trimethylbenzene (C10.1)

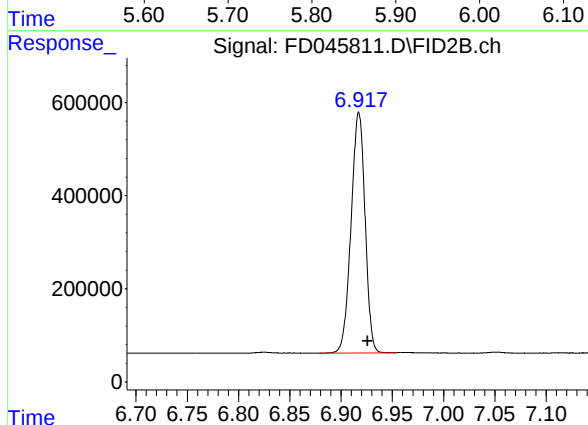
R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 4746573
Conc: 23.51 ug/ml

Instrument :
FID_D
ClientSampleId :



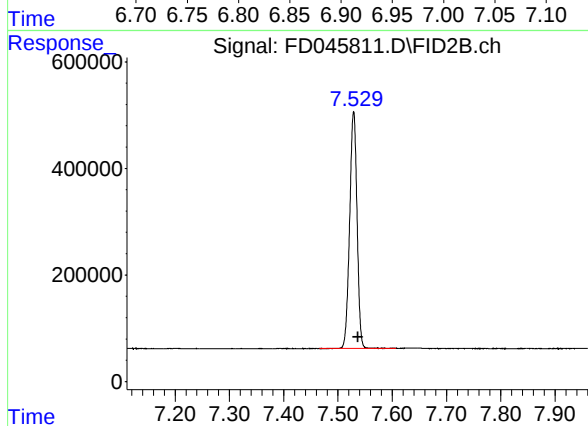
#2 Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: -0.008 min
Response: 4892494
Conc: 23.09 ug/ml



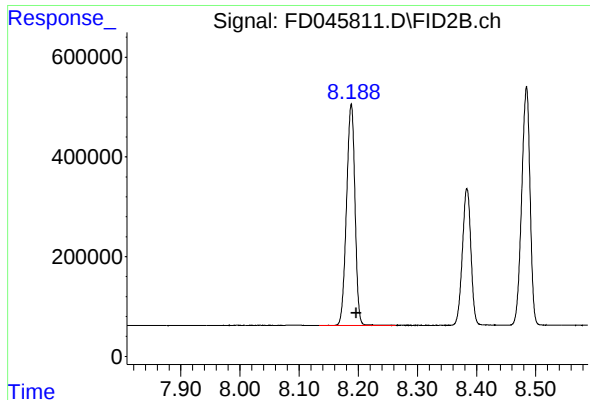
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 4900329
Conc: 23.20 ug/ml



#4 2-Bromonaphthalene (SURR)

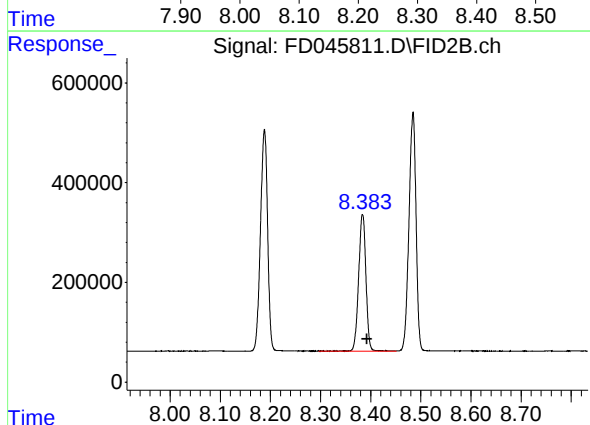
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 4200962
Conc: 23.30 ug/ml



#5 Acenaphthylene (C15.06)

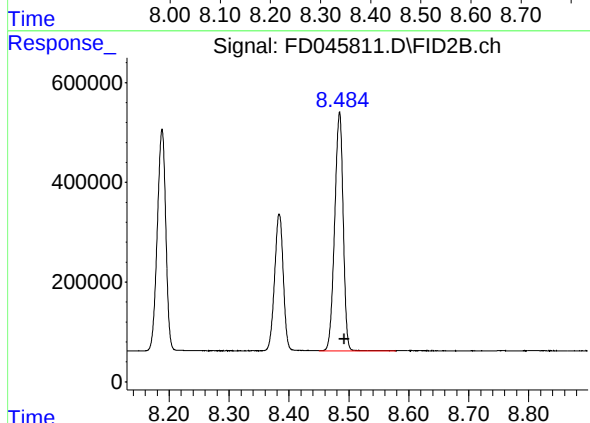
R.T.: 8.188 min
Delta R.T.: -0.009 min
Response: 4395881
Conc: 23.20 ug/ml

Instrument :
FID_D
ClientSampleId :



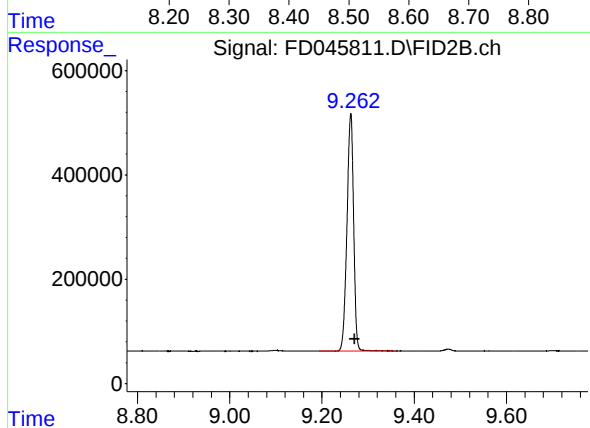
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 2755838
Conc: 22.92 ug/ml



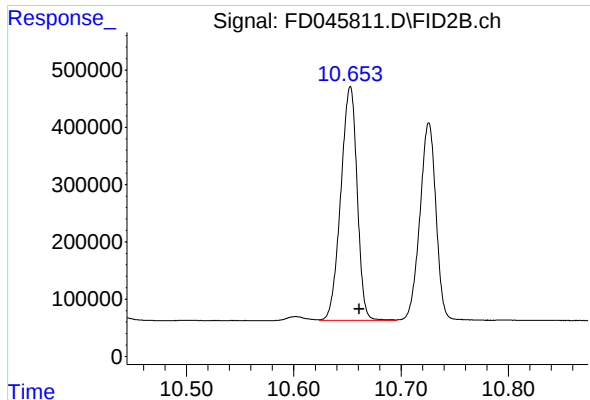
#7 Acenaphthene (C15.5)

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 4700990
Conc: 23.25 ug/ml



#8 Fluorene (C16.55)

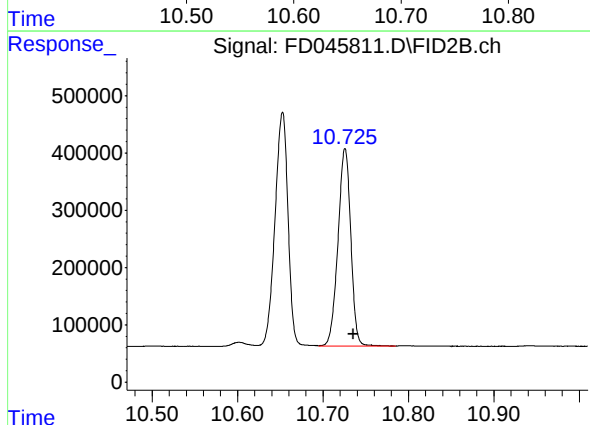
R.T.: 9.262 min
Delta R.T.: -0.008 min
Response: 4562807
Conc: 23.03 ug/ml



#9 Phenanthrene (C19.36)

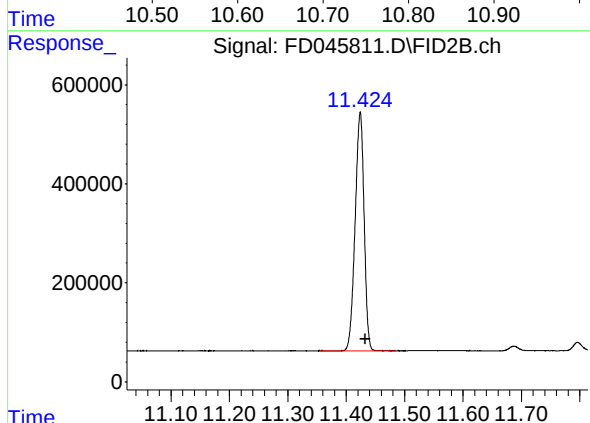
R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 4328832
Conc: 22.63 ug/ml

Instrument :
FID_D
ClientSampleId :



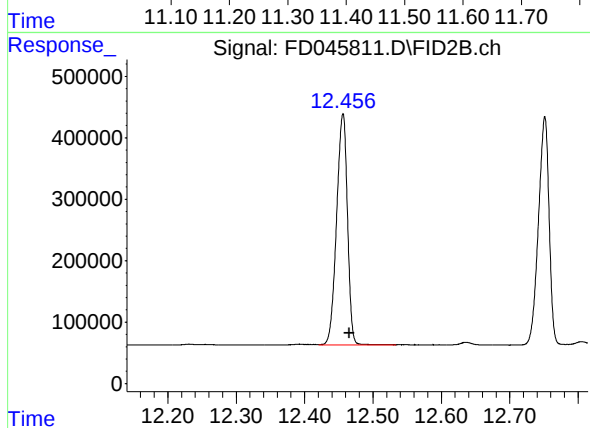
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.010 min
Response: 3589980
Conc: 21.07 ug/ml



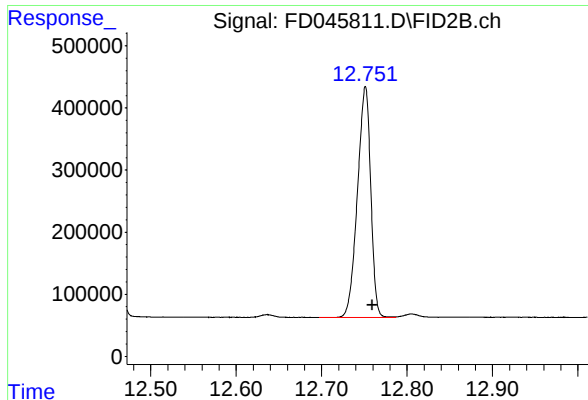
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 5139199
Conc: 23.01 ug/ml



#12 Fluoranthene (C21.85)

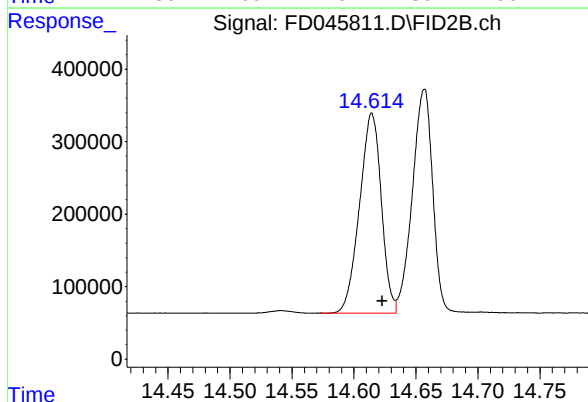
R.T.: 12.456 min
Delta R.T.: -0.009 min
Response: 4147644
Conc: 22.45 ug/ml



#13 Pyrene (C20.8)

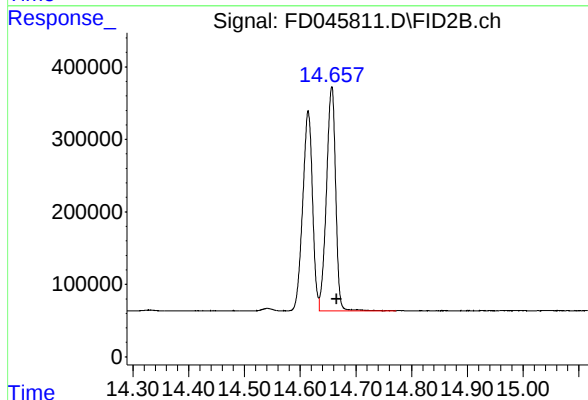
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 4019952
Conc: 22.51 ug/ml

Instrument :
FID_D
ClientSampleId :



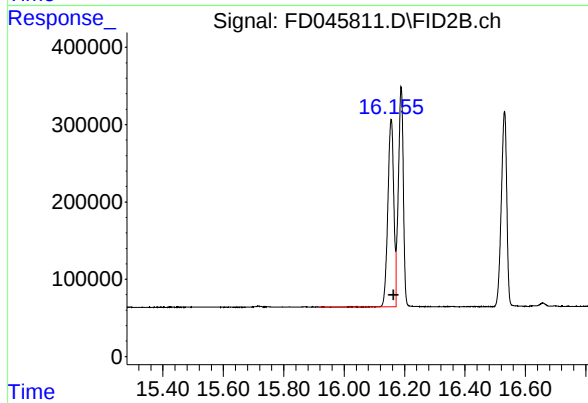
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 3362547
Conc: 21.48 ug/ml



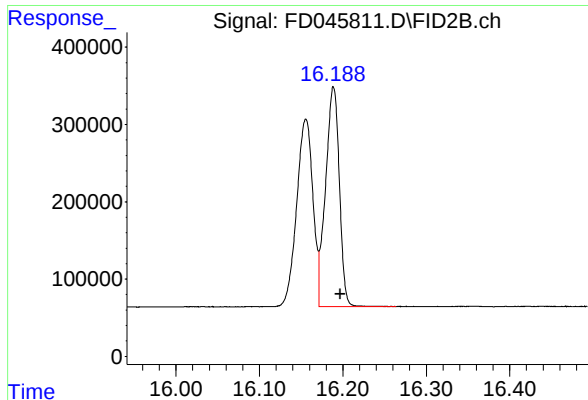
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: -0.009 min
Response: 3560778
Conc: 21.58 ug/ml



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

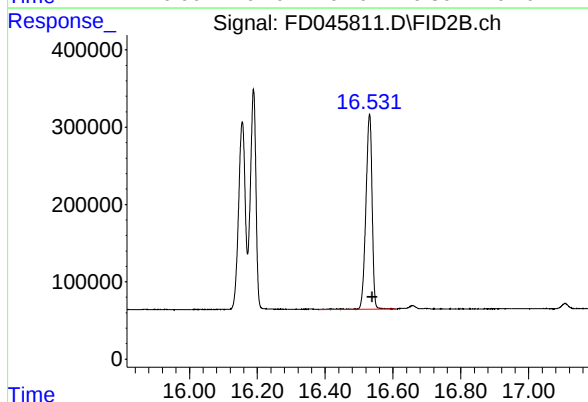
R.T.: 16.156 min
Delta R.T.: -0.009 min
Response: 3290418
Conc: 21.74 ug/ml



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

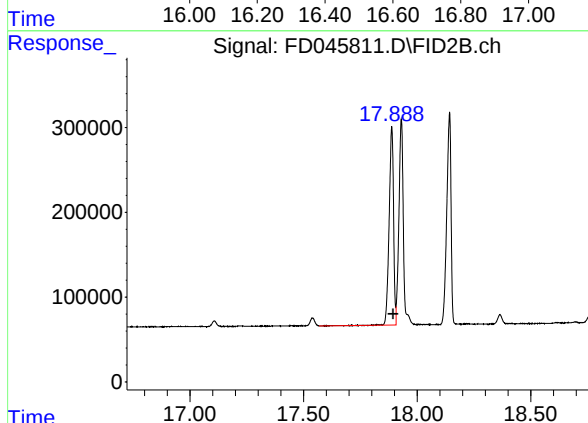
R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 3263002
Conc: 21.08 ug/ml

Instrument :
FID_D
ClientSampleId :



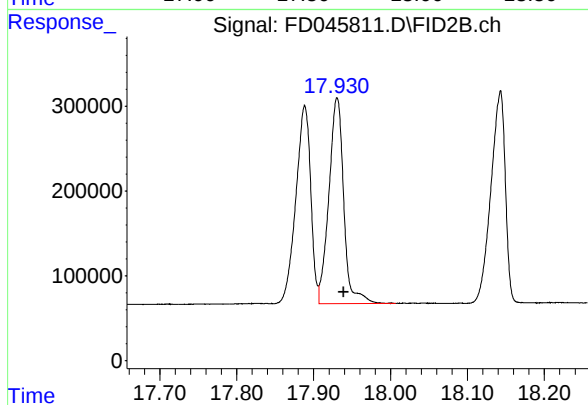
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: -0.009 min
Response: 3193765
Conc: 21.84 ug/ml



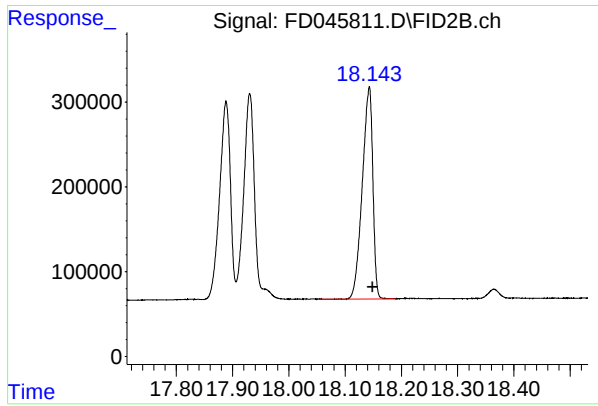
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 3154801
Conc: 21.54 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 3267005
Conc: 21.78 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.007 min
Response: 3257273
Conc: 22.08 ug/ml

Instrument :

FID_D

ClientSampleId :