

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060823AR\
 Data File : FD045827.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jun 2023 11:07
 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 08 12:20:02 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...	7.527	3896588	21.613 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
6) S 2-Fluorobiphenyl (SURR)	8.382	2554000	21.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.49%
11) S ortho-Terphenyl (SURR)	11.423	4709129	21.082 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.337	4479320	22.188 ug/ml
2) T Naphthalene (C11.7)	5.867	4622438	21.815 ug/ml
3) T 2-Methylnaphthalene (...)	6.916	4567498	21.626 ug/ml
5) T Acenaphthylene (C15.06)	8.186	4061133	21.435 ug/ml
7) T Acenaphthene (C15.5)	8.482	4340535	21.469 ug/ml
8) T Flouorene (C16.55)	9.260	4181046	21.102 ug/ml
9) T Phenanthrene (C19.36)	10.650	3945073	20.621 ug/ml
10) T Anthracene (C19.43)	10.724	3238919	19.013 ug/ml
12) T Fluoranthene (C21.85)	12.454	3769810	20.405 ug/ml
13) T Pyrene (C20.8)	12.750	3661623	20.502 ug/ml
14) T Benzo[a]anthracene (C...	14.613	3081478	19.681 ug/ml
15) T Chrysene (C27.41)	14.656	3279906	19.880 ug/ml
16) T benzo[b]fluoranthene ...	16.155	3036707	20.064 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	3019184	19.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.529	2967822	20.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	2924452	19.967 ug/ml
20) T Dibenz[a,h]anthracene...	17.928	3069557	20.461 ug/ml
21) T Benzo[g,h,i]perylene ...	18.139	3034164	20.563 ug/ml

(f)=RT Delta > 1/2 Window

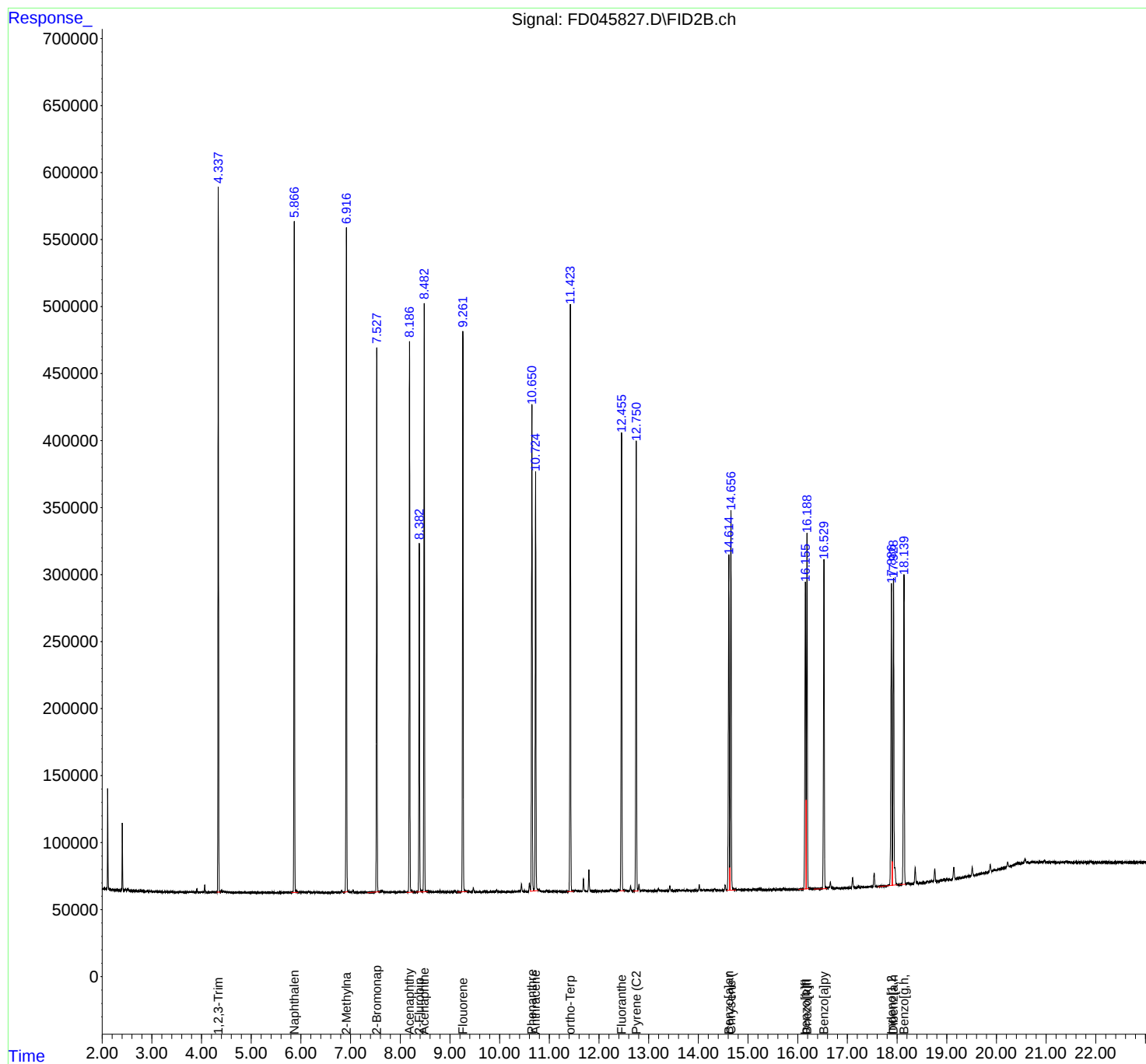
(m)=manual int.

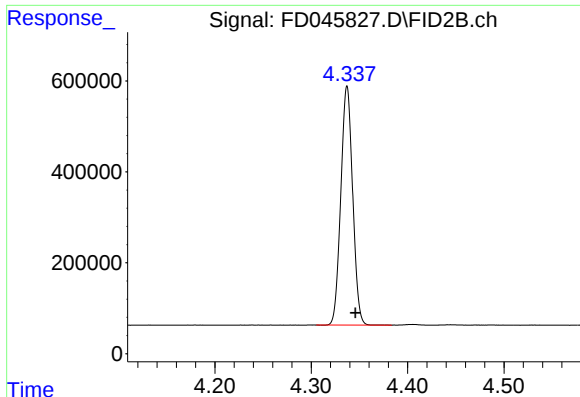
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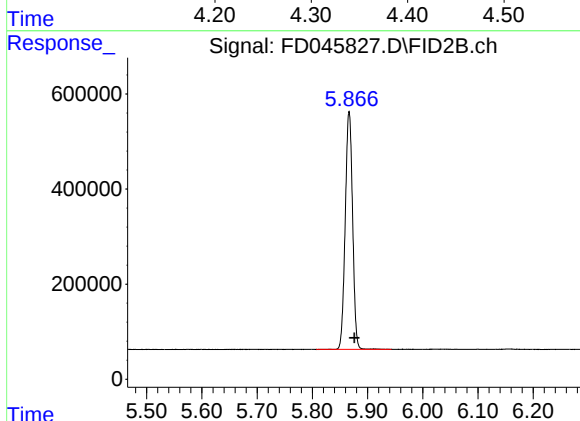




#1 1,2,3-Trimethylbenzene (C10.1)

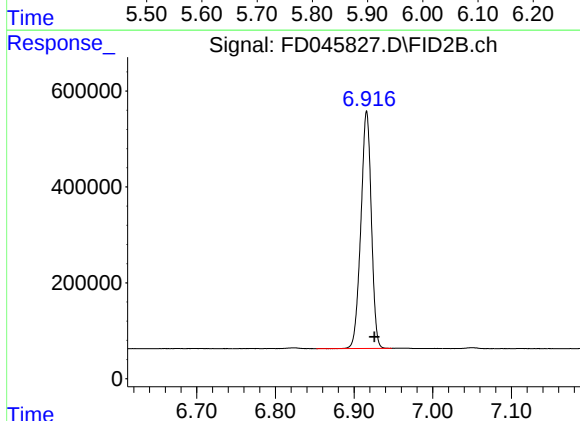
R.T.: 4.337 min
Delta R.T.: -0.009 min
Response: 4479320
Conc: 22.19 ug/ml

Instrument :
FID_D
ClientSampleId :



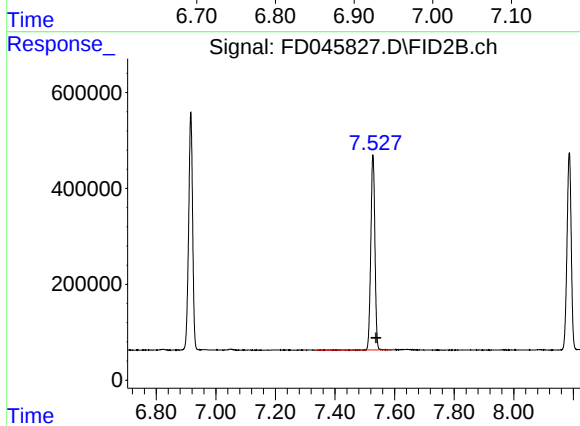
#2 Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.010 min
Response: 4622438
Conc: 21.81 ug/ml



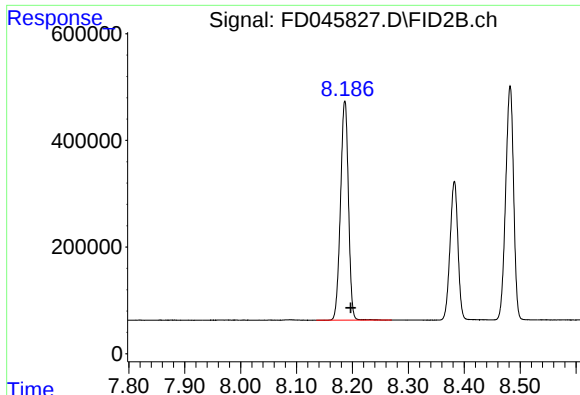
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.916 min
Delta R.T.: -0.010 min
Response: 4567498
Conc: 21.63 ug/ml



#4 2-Bromonaphthalene (SURR)

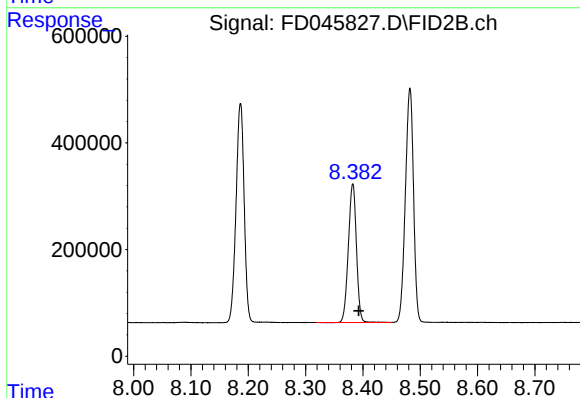
R.T.: 7.527 min
Delta R.T.: -0.010 min
Response: 3896588
Conc: 21.61 ug/ml



#5 Acenaphthylene (C15.06)

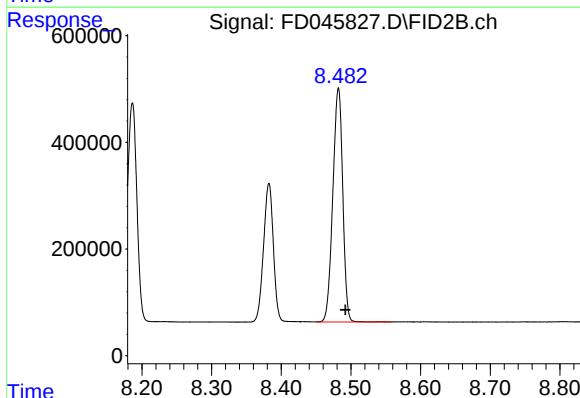
R.T.: 8.186 min
Delta R.T.: -0.010 min
Response: 4061133
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :



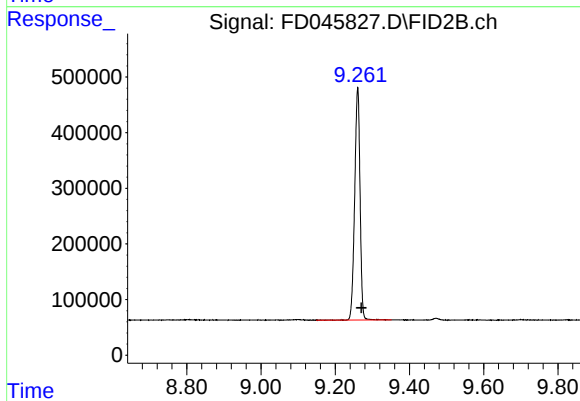
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.010 min
Response: 2554000
Conc: 21.24 ug/ml



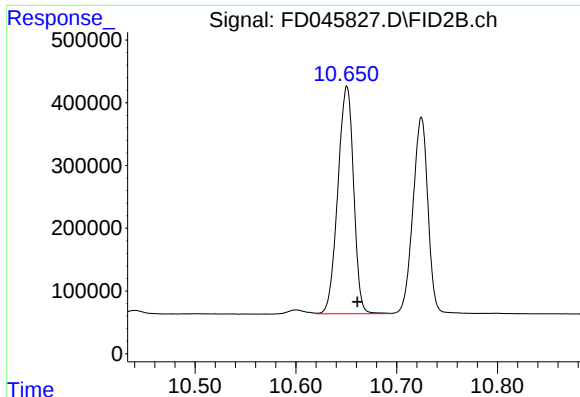
#7 Acenaphthene (C15.5)

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 4340535
Conc: 21.47 ug/ml



#8 Fluorene (C16.55)

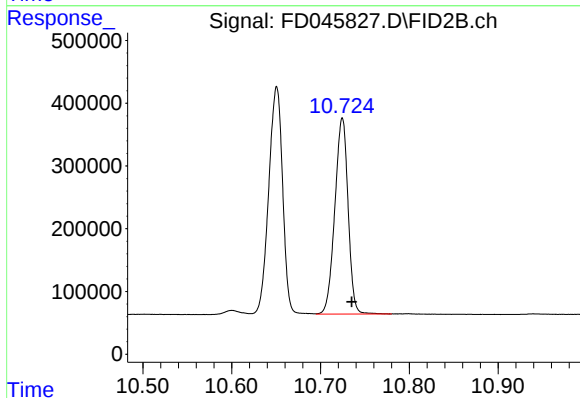
R.T.: 9.260 min
Delta R.T.: -0.010 min
Response: 4181046
Conc: 21.10 ug/ml



#9 Phenanthrene (C19.36)

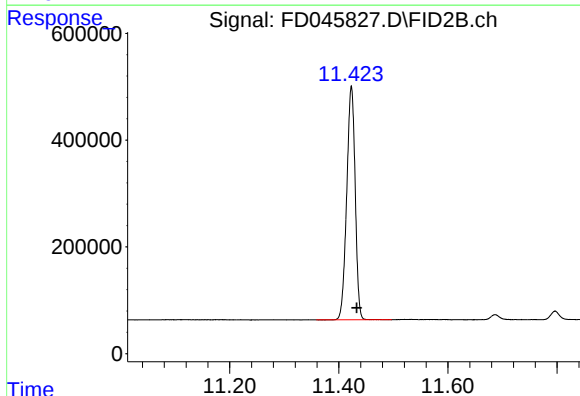
R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 3945073
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



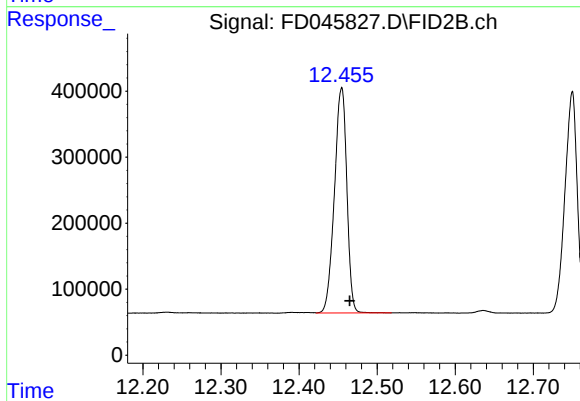
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.011 min
Response: 3238919
Conc: 19.01 ug/ml



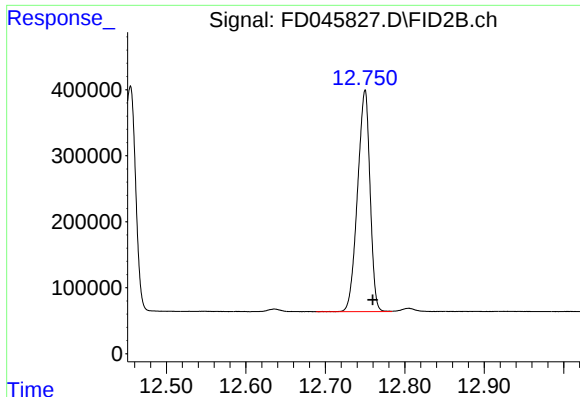
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.010 min
Response: 4709129
Conc: 21.08 ug/ml



#12 Fluoranthene (C21.85)

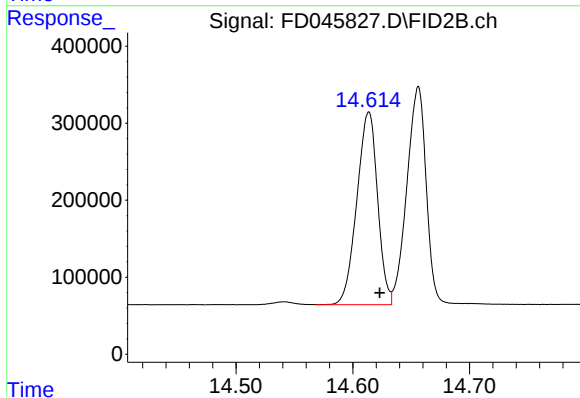
R.T.: 12.454 min
Delta R.T.: -0.011 min
Response: 3769810
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

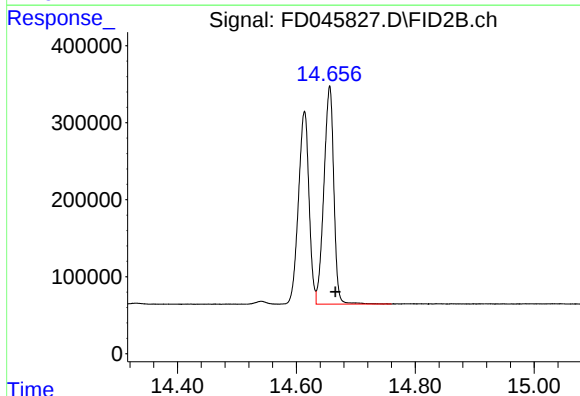
R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 3661623
Conc: 20.50 ug/ml

Instrument :
FID_D
ClientSampleId :



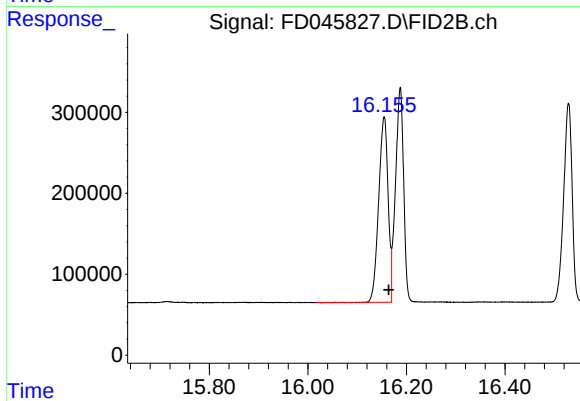
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: -0.010 min
Response: 3081478
Conc: 19.68 ug/ml



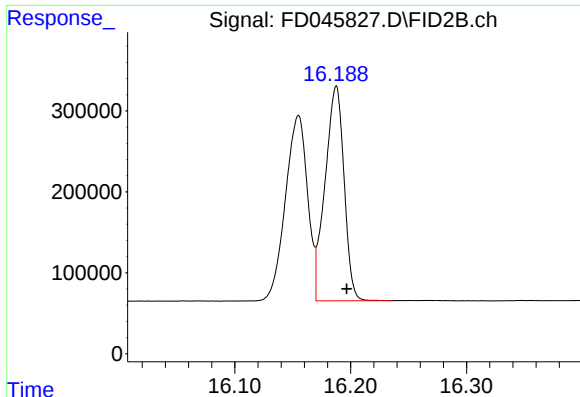
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: -0.010 min
Response: 3279906
Conc: 19.88 ug/ml



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

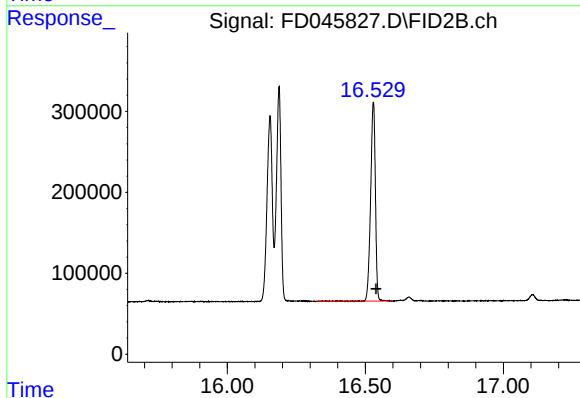
R.T.: 16.155 min
Delta R.T.: -0.010 min
Response: 3036707
Conc: 20.06 ug/ml



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

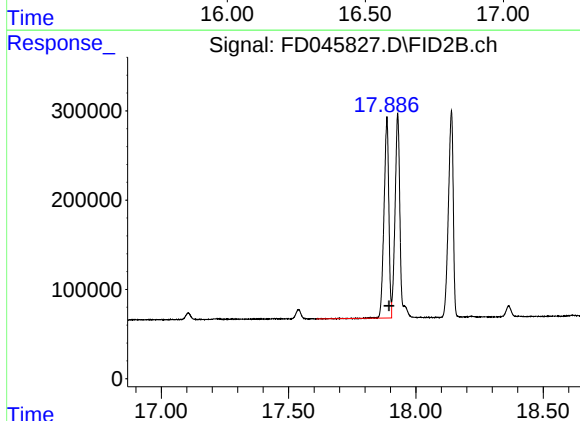
R.T.: 16.187 min
Delta R.T.: -0.009 min
Response: 3019184
Conc: 19.50 ug/ml

Instrument :
FID_D
ClientSampleId :



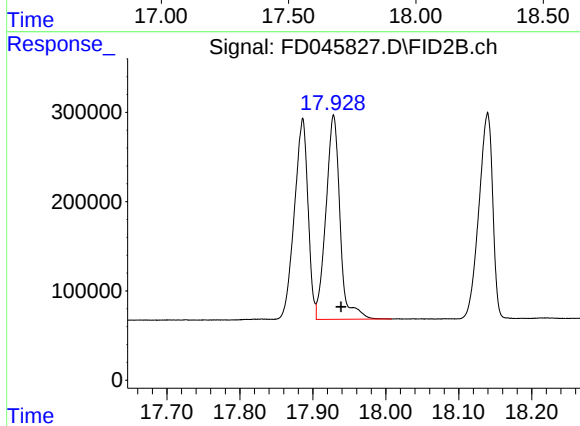
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.529 min
Delta R.T.: -0.010 min
Response: 2967822
Conc: 20.29 ug/ml



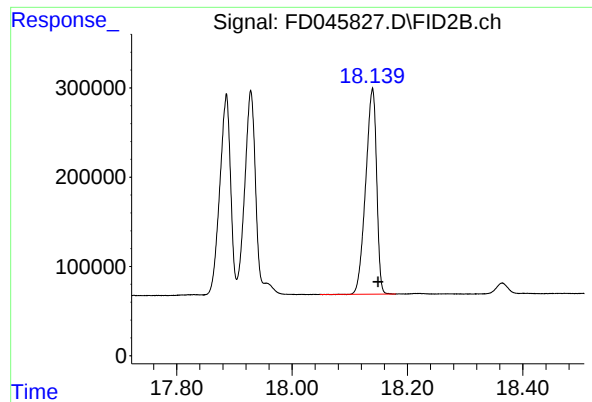
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: -0.009 min
Response: 2924452
Conc: 19.97 ug/ml



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

R.T.: 17.928 min
Delta R.T.: -0.011 min
Response: 3069557
Conc: 20.46 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.010 min
Response: 3034164
Conc: 20.56 ug/ml

Instrument :

FID_D

ClientSampleId :