

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060723AR\
 Data File : FD045821.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 21:52
 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 23:56:12 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...	7.528	3820949	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
6) S 2-Fluorobiphenyl (SURR)	8.383	2507070	20.853 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.424	4596089	20.576 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.338	4405099	21.821 ug/ml
2) T Naphthalene (C11.7)	5.868	4507430	21.272 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	4514834	21.377 ug/ml
5) T Acenaphthylene (C15.06)	8.188	3989130	21.055 ug/ml
7) T Acenaphthene (C15.5)	8.483	4257152	21.056 ug/ml
8) T Fluorene (C16.55)	9.262	4123620	20.812 ug/ml
9) T Phenanthrene (C19.36)	10.651	3894731	20.358 ug/ml
10) T Anthracene (C19.43)	10.725	3269914	19.195 ug/ml
12) T Fluoranthene (C21.85)	12.455	3710615	20.085 ug/ml
13) T Pyrene (C20.8)	12.750	3604420	20.182 ug/ml
14) T Benzo[a]anthracene (C...	14.614	3049108	19.475 ug/ml
15) T Chrysene (C27.41)	14.655	3237013	19.620 ug/ml
16) T benzo[b]fluoranthene ...	16.155	3011485	19.898 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	2991473	19.322 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	2927215	20.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	2897844	19.785 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	3047670	20.315 ug/ml
21) T Benzo[g,h,i]perylene ...	18.140	3009780	20.398 ug/ml

(f)=RT Delta > 1/2 Window

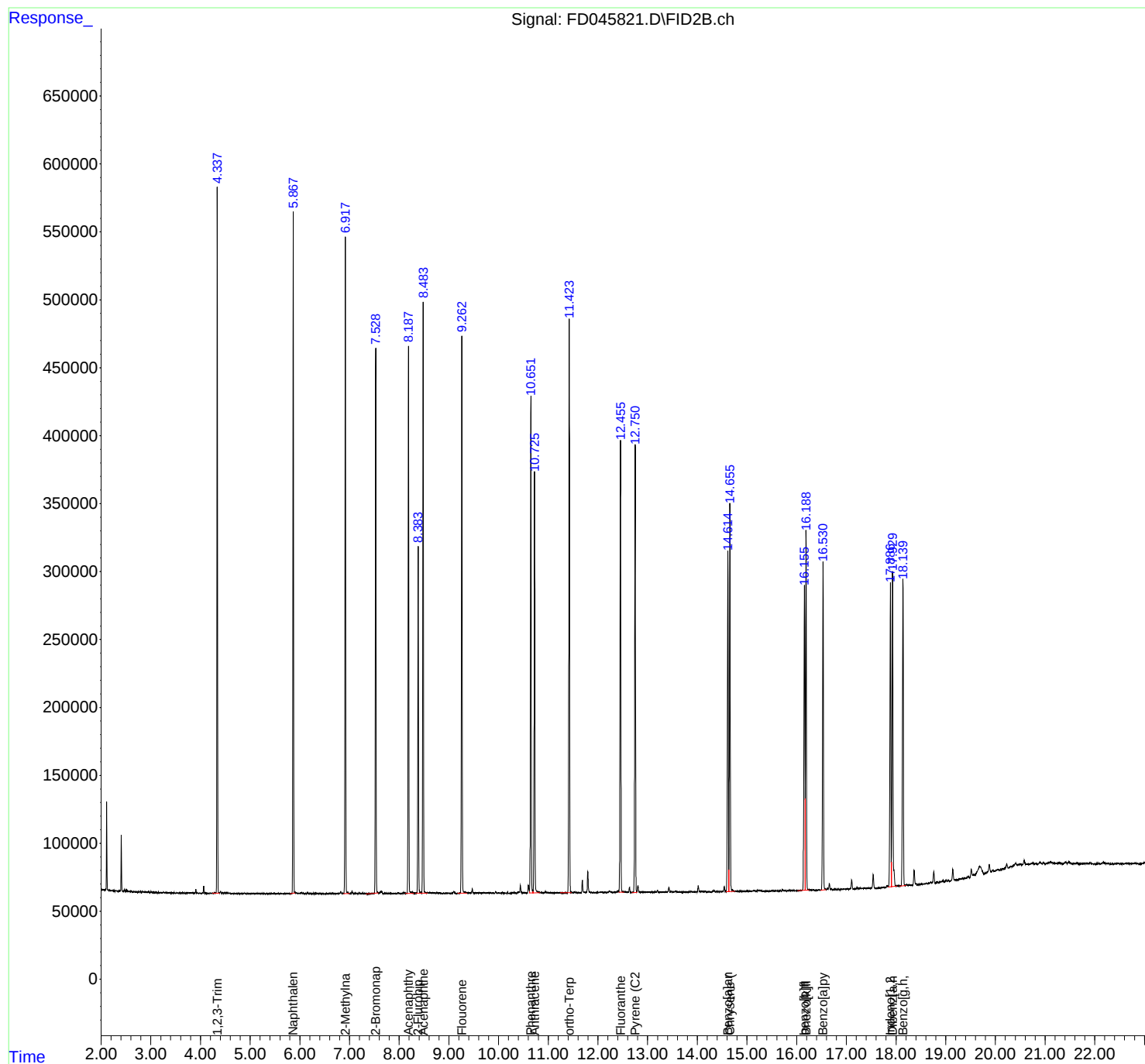
(m)=manual int.

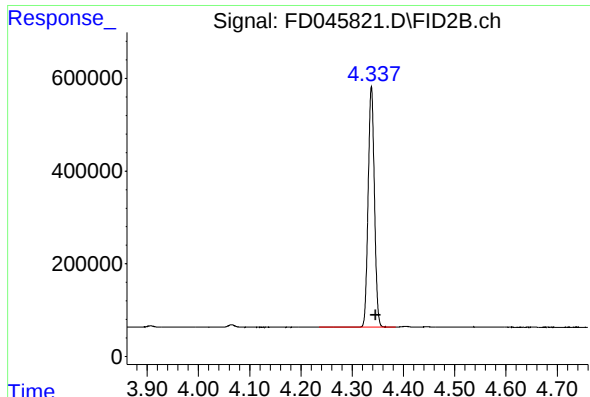
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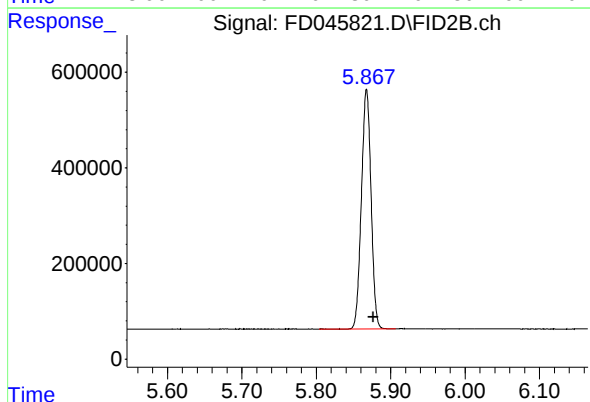




#1 1,2,3-Trimethylbenzene (C10.1)

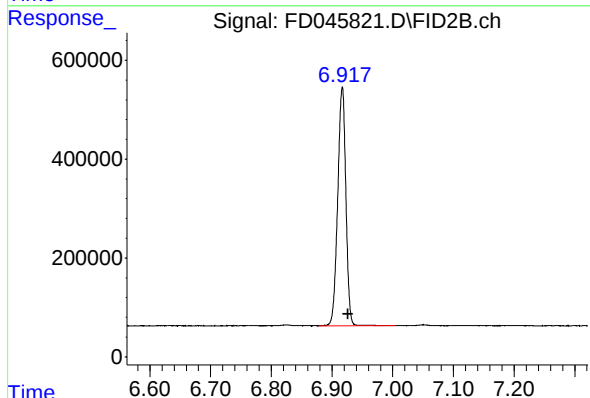
R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 4405099
Conc: 21.82 ug/ml

Instrument :
FID_D
ClientSampleId :



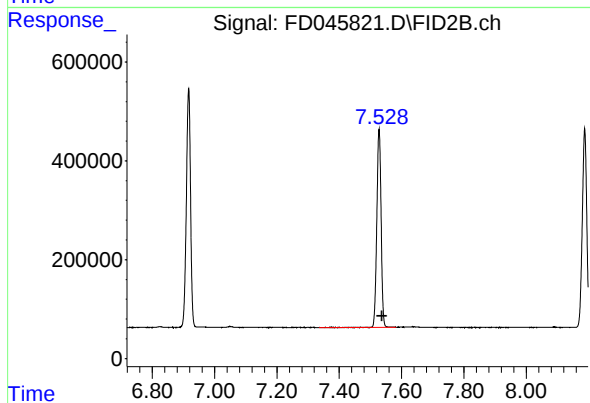
#2 Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: -0.009 min
Response: 4507430
Conc: 21.27 ug/ml



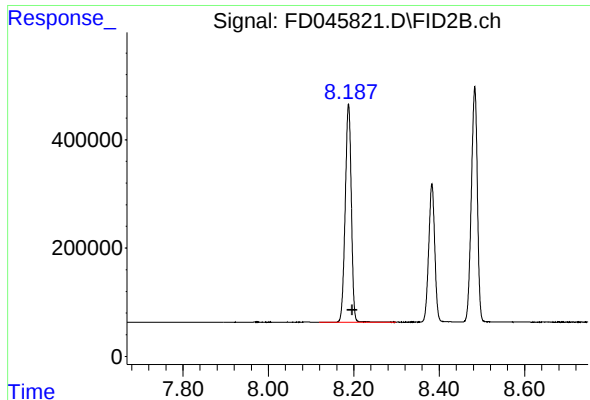
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 4514834
Conc: 21.38 ug/ml



#4 2-Bromonaphthalene (SURR)

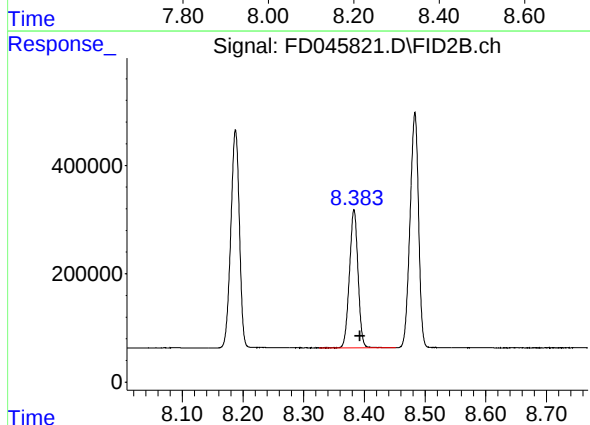
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 3820949
Conc: 21.19 ug/ml



#5 Acenaphthylene (C15.06)

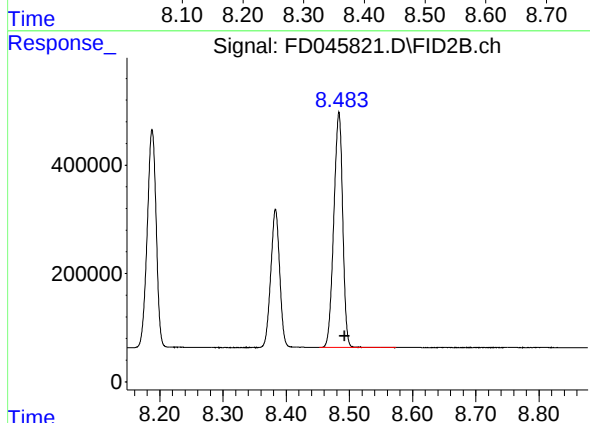
R.T.: 8.188 min
Delta R.T.: -0.009 min
Response: 3989130
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :



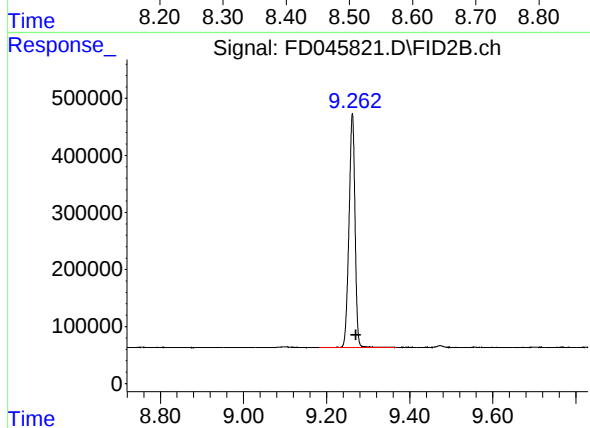
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.010 min
Response: 2507070
Conc: 20.85 ug/ml



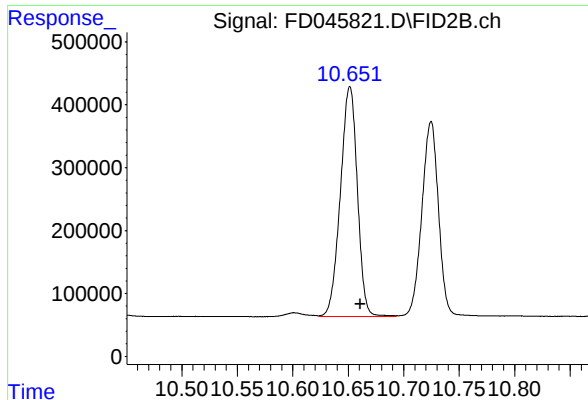
#7 Acenaphthene (C15.5)

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 4257152
Conc: 21.06 ug/ml



#8 Flouorene (C16.55)

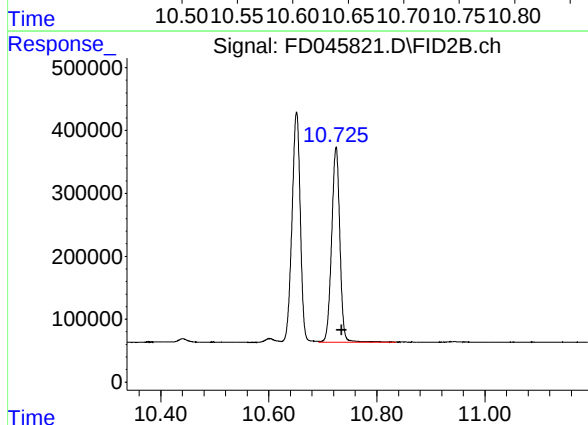
R.T.: 9.262 min
Delta R.T.: -0.009 min
Response: 4123620
Conc: 20.81 ug/ml



#9 Phenanthrene (C19.36)

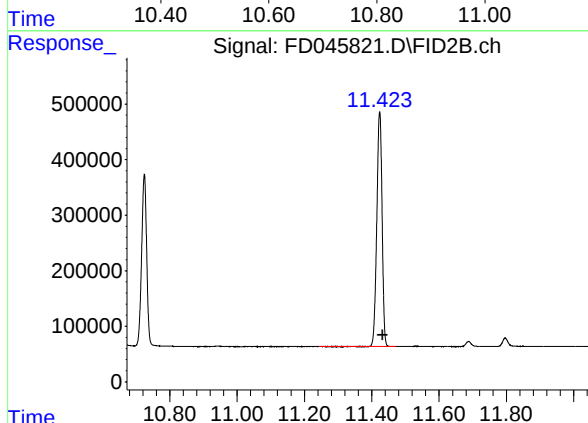
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 3894731
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :



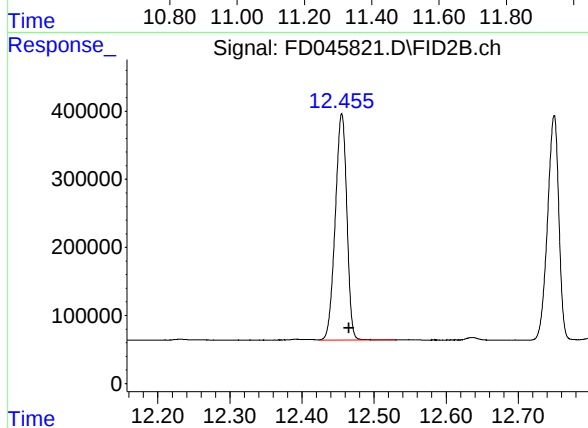
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.011 min
Response: 3269914
Conc: 19.20 ug/ml



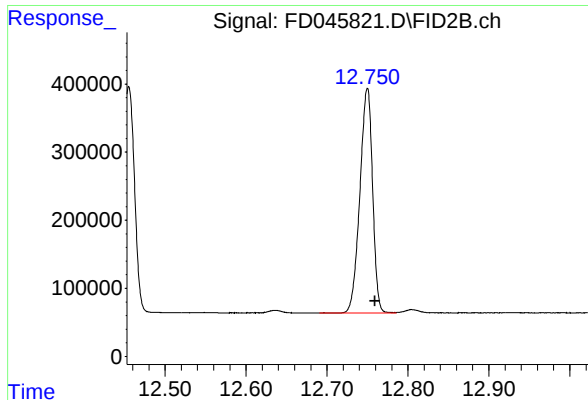
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 4596089
Conc: 20.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.455 min
Delta R.T.: -0.010 min
Response: 3710615
Conc: 20.08 ug/ml



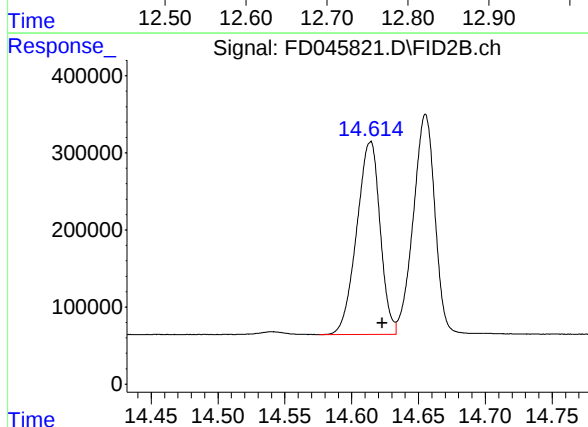
#13 Pyrene (C20.8)

R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 3604420
Conc: 20.18 ug/ml

Instrument :

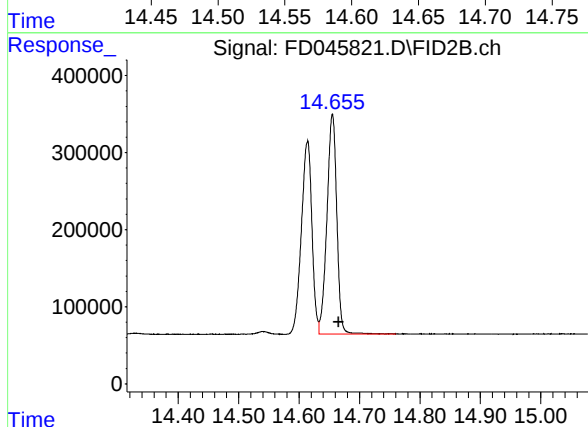
FID_D

ClientSampleId :



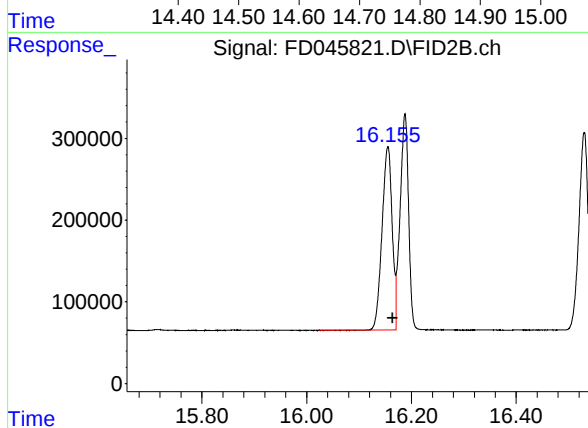
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 3049108
Conc: 19.47 ug/ml



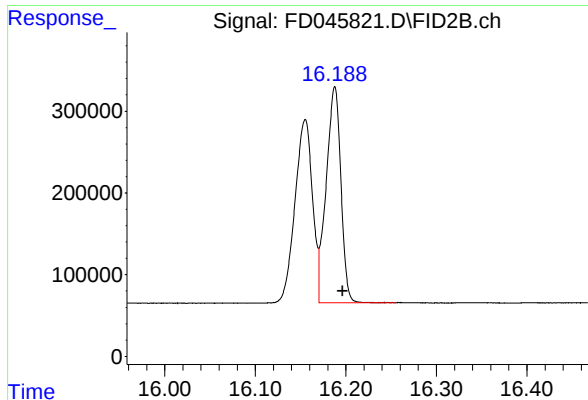
#15 Chrysene (C27.41)

R.T.: 14.655 min
Delta R.T.: -0.010 min
Response: 3237013
Conc: 19.62 ug/ml



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

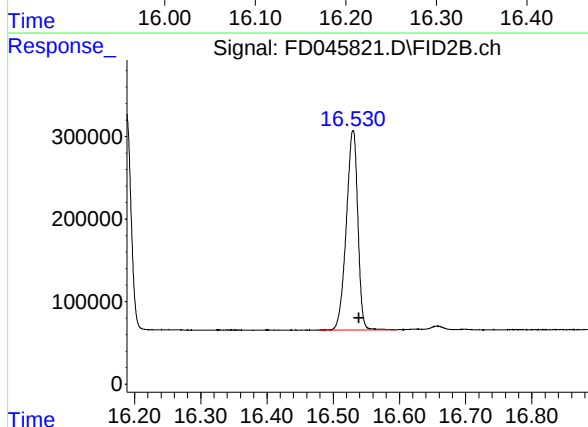
R.T.: 16.155 min
Delta R.T.: -0.010 min
Response: 3011485
Conc: 19.90 ug/ml



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

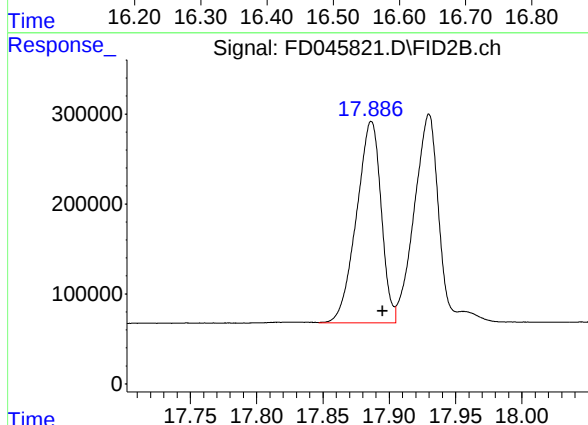
R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 2991473
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :



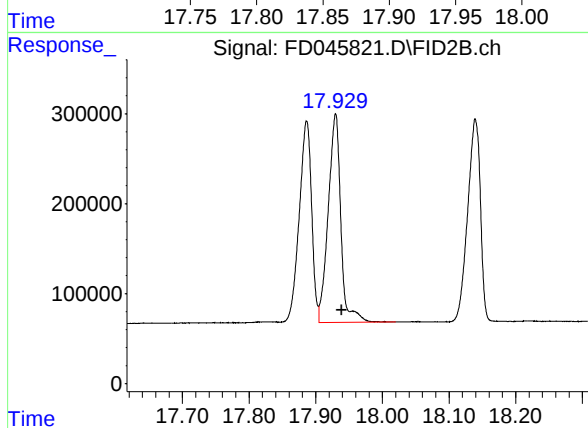
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: -0.009 min
Response: 2927215
Conc: 20.02 ug/ml



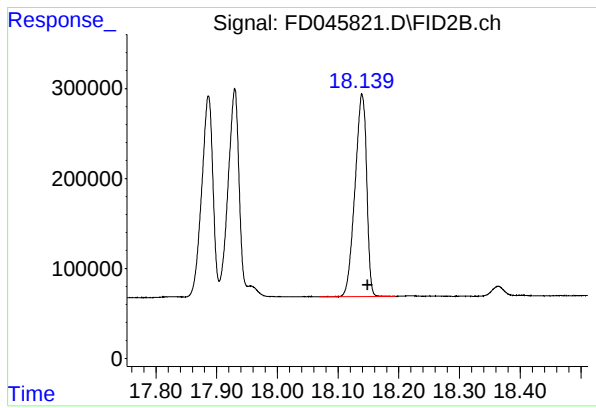
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: -0.009 min
Response: 2897844
Conc: 19.79 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 3047670
Conc: 20.32 ug/ml



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

R.T.: 18.140 min
Delta R.T.: -0.009 min
Response: 3009780
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :