

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047986.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 01:44
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 05:01:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.412	2943953	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
6) S 2-Fluorobiphenyl (SURR)	8.264	1947501	19.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.301	3315693	19.730 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3293838	20.494 ug/ml
2) T Naphthalene (C11.7)	5.752	3474452	20.517 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3468858	20.146 ug/ml
5) T Acenaphthylene (C15.06)	8.067	3412163	20.315 ug/ml
7) T Acenaphthene (C15.5)	8.361	3426870	20.218 ug/ml
8) T Flouorene (C16.55)	9.140	3286773	19.794 ug/ml
9) T Phenanthrene (C19.36)	10.528	3232880	19.747 ug/ml
10) T Anthracene (C19.43)	10.603	3200097	19.676 ug/ml
12) T Fluoranthene (C21.85)	12.333	3191888	19.383 ug/ml
13) T Pyrene (C20.8)	12.626	3168368	19.431 ug/ml
14) T Benzo[a]anthracene (C...	14.494	2909802	18.969 ug/ml
15) T Chrysene (C27.41)	14.535	3168954	19.376 ug/ml
16) T benzo[b]fluoranthene ...	16.040	2974329	19.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	2919112	19.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416	2935758	19.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	2492735	18.958 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	3072402	19.399 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	2946354	19.599 ug/ml

(f)=RT Delta > 1/2 Window

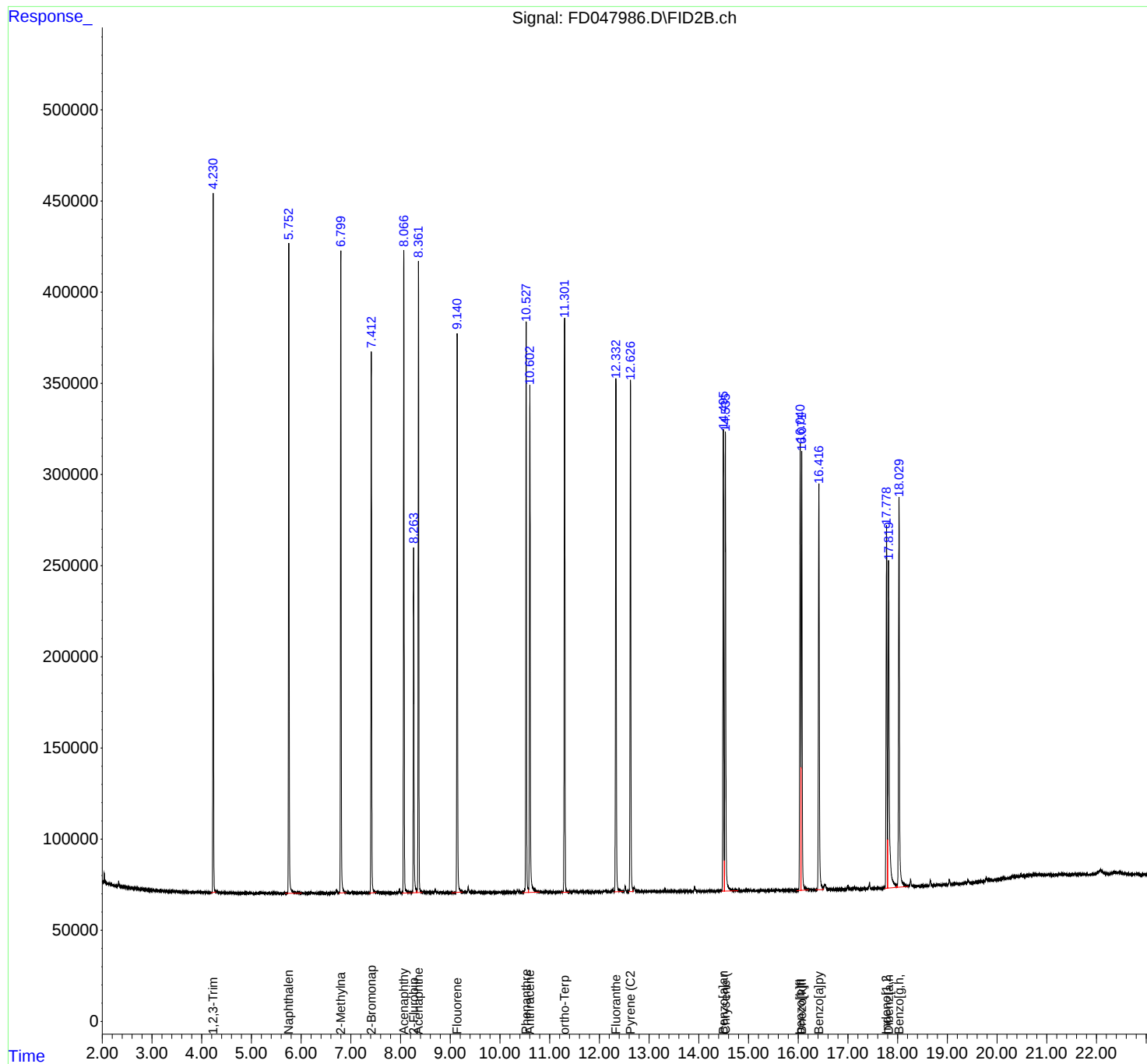
(m)=manual int.

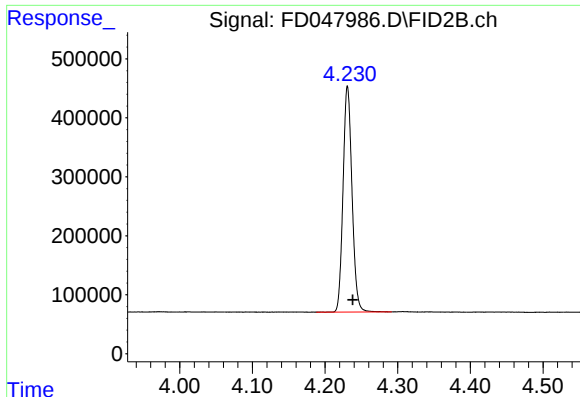
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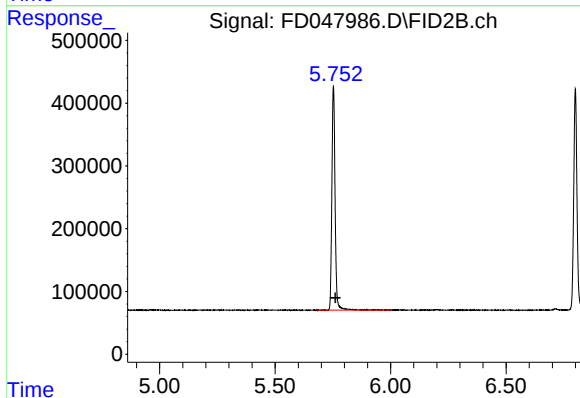




#1 1,2,3-Trimethylbenzene (C10.1)

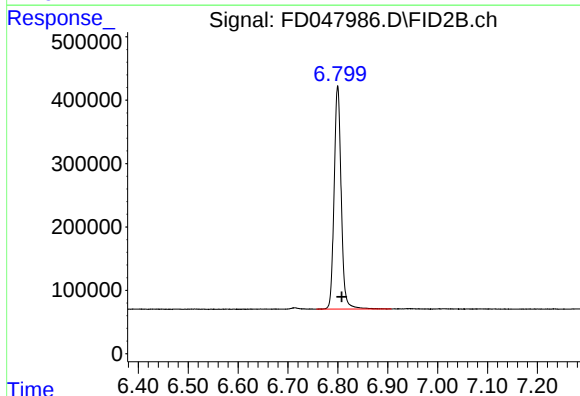
R.T.: 4.231 min
Delta R.T.: -0.007 min
Response: 3293838
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :



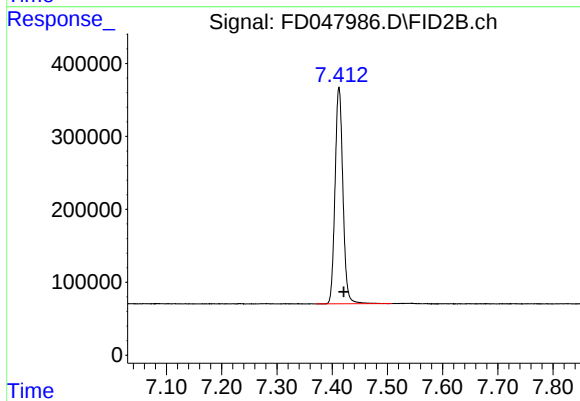
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.008 min
Response: 3474452
Conc: 20.52 ug/ml



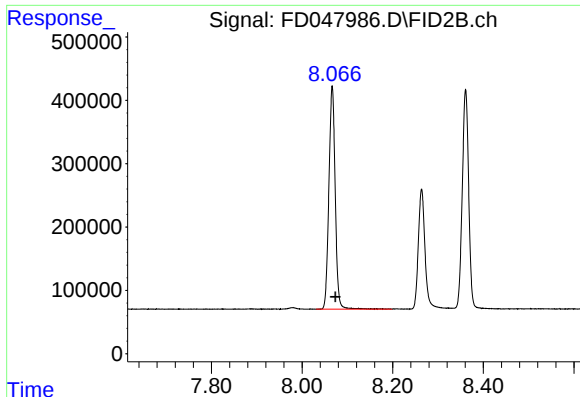
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.008 min
Response: 3468858
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

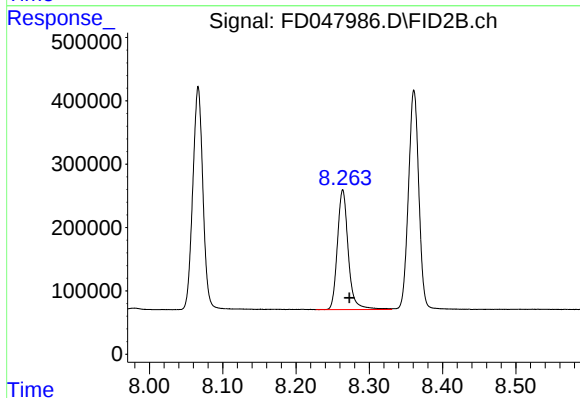
R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 2943953
Conc: 20.24 ug/ml



#5 Acenaphthylene (C15.06)

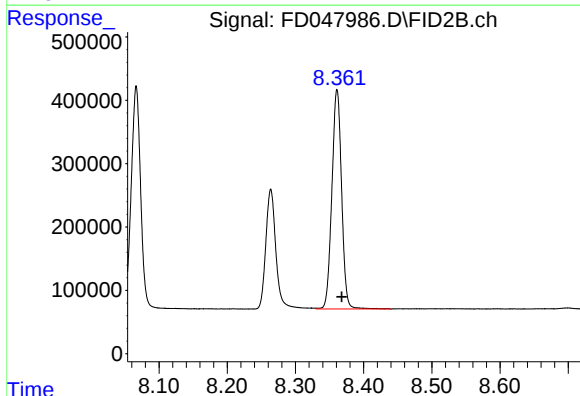
R.T.: 8.067 min
Delta R.T.: -0.007 min
Response: 3412163
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :



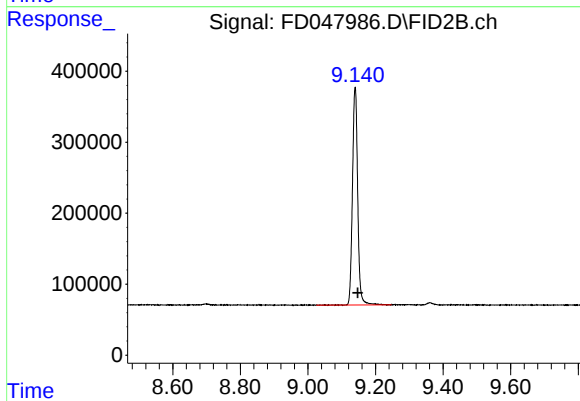
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.264 min
Delta R.T.: -0.009 min
Response: 1947501
Conc: 19.99 ug/ml



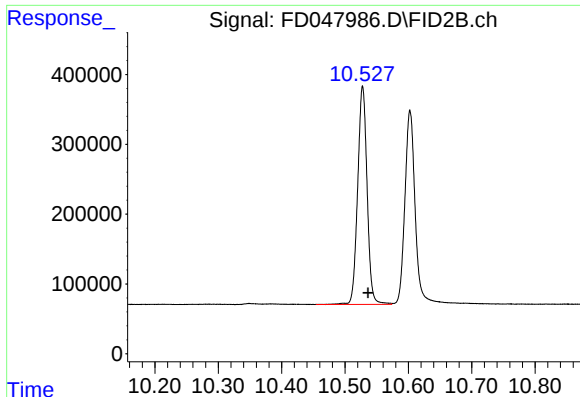
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: -0.007 min
Response: 3426870
Conc: 20.22 ug/ml



#8 Flouorene (C16.55)

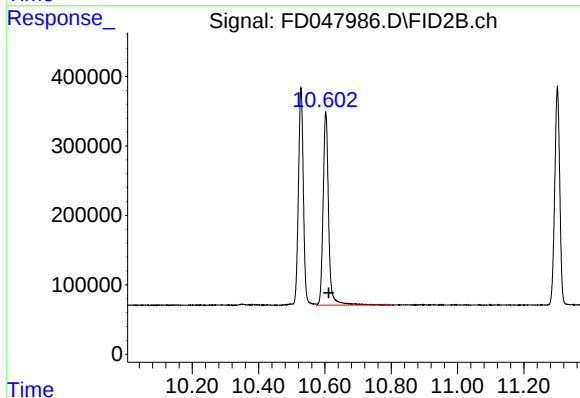
R.T.: 9.140 min
Delta R.T.: -0.008 min
Response: 3286773
Conc: 19.79 ug/ml



#9 Phenanthrene (C19.36)

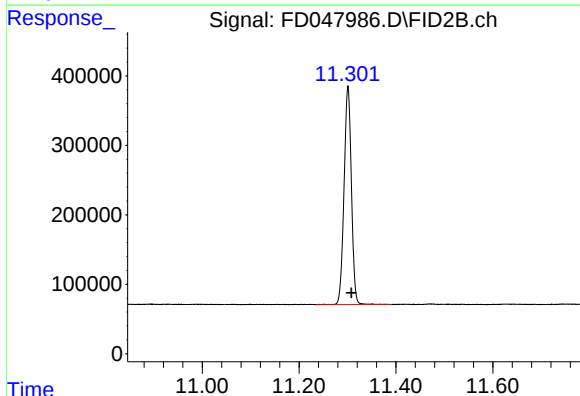
R.T.: 10.528 min
Delta R.T.: -0.008 min
Response: 3232880
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :



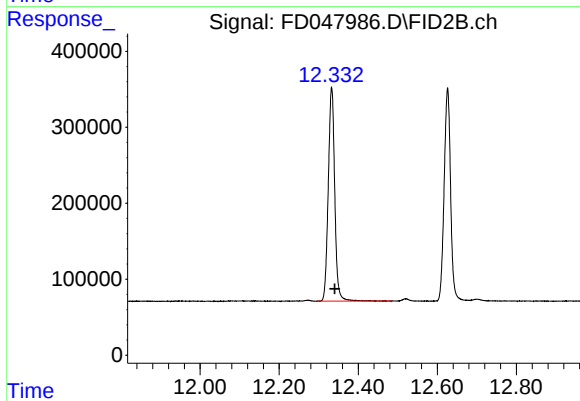
#10 Anthracene (C19.43)

R.T.: 10.603 min
Delta R.T.: -0.008 min
Response: 3200097
Conc: 19.68 ug/ml



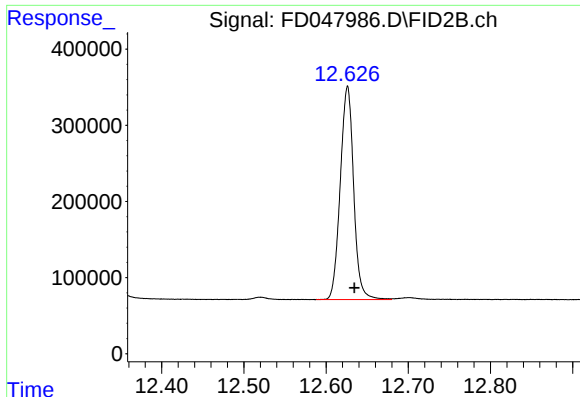
#11 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: -0.007 min
Response: 3315693
Conc: 19.73 ug/ml



#12 Fluoranthene (C21.85)

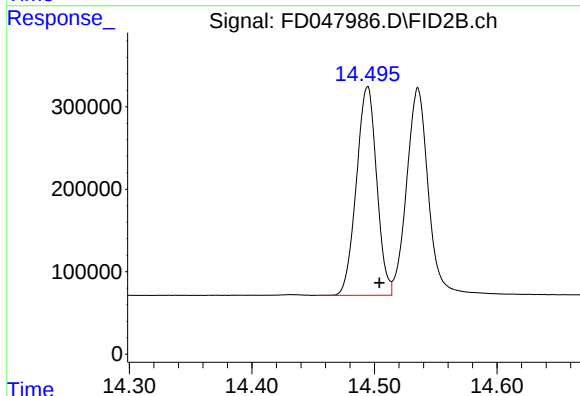
R.T.: 12.333 min
Delta R.T.: -0.008 min
Response: 3191888
Conc: 19.38 ug/ml



#13 Pyrene (C20.8)

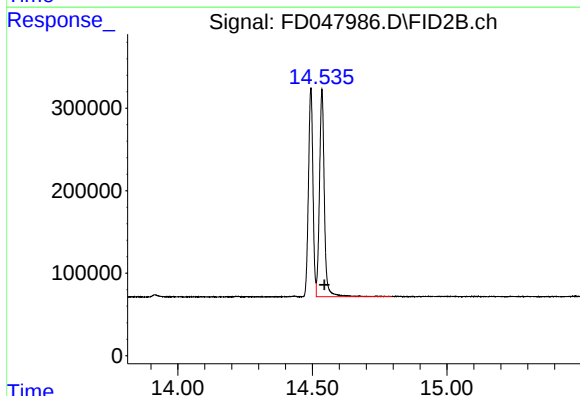
R.T.: 12.626 min
Delta R.T.: -0.008 min
Response: 3168368
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



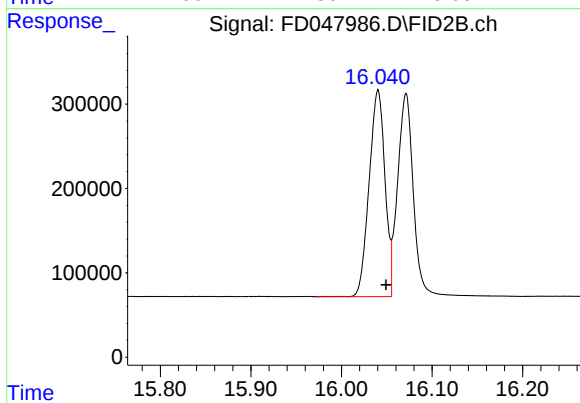
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.494 min
Delta R.T.: -0.010 min
Response: 2909802
Conc: 18.97 ug/ml



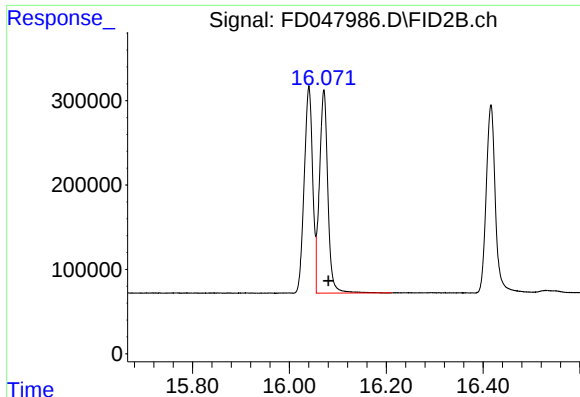
#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: -0.009 min
Response: 3168954
Conc: 19.38 ug/ml



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

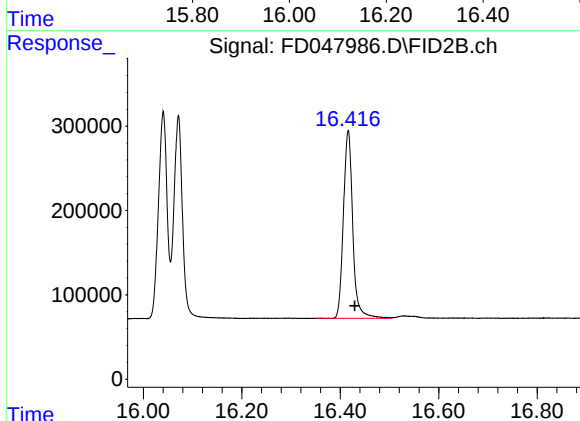
R.T.: 16.040 min
Delta R.T.: -0.009 min
Response: 2974329
Conc: 19.36 ug/ml



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

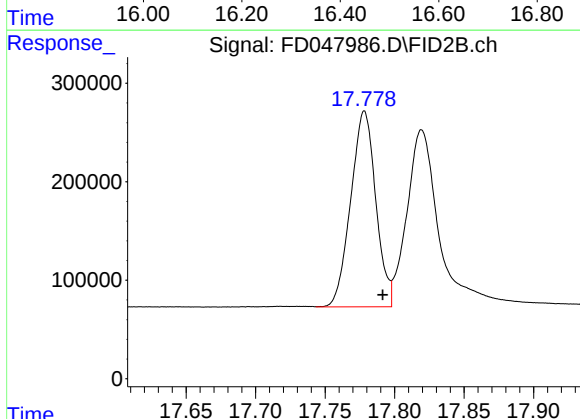
R.T.: 16.071 min
Delta R.T.: -0.010 min
Response: 2919112
Conc: 19.49 ug/ml

Instrument :
FID_D
ClientSampleId :



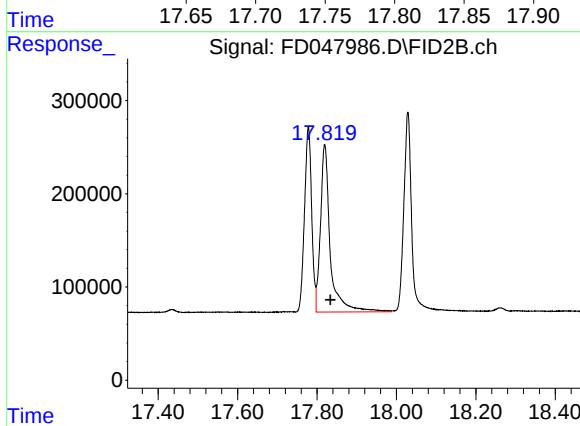
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.416 min
Delta R.T.: -0.013 min
Response: 2935758
Conc: 19.27 ug/ml



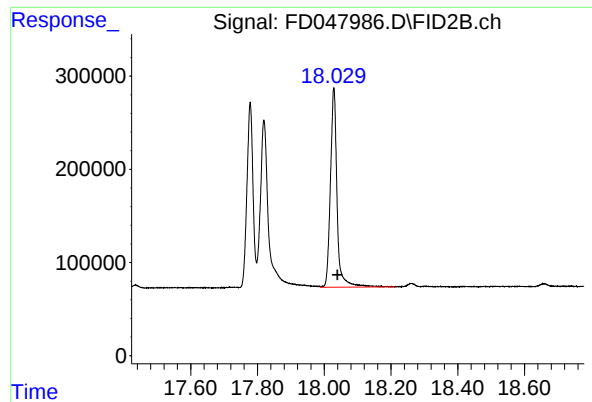
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.013 min
Response: 2492735
Conc: 18.96 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.014 min
Response: 3072402
Conc: 19.40 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.010 min
Response: 2946354
Conc: 19.60 ug/ml

Instrument :

FID_D

ClientSampleId :