

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044303.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 16:40
 Operator : YP/AJ
 Sample : N5219-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 BACKYARD-SURFACE-AMS

Integration File: autoint1.e
 Quant Time: Oct 29 06:42:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.410	5064762	40.793 ug/ml
Spiked Amount 50.000		Recovery =	81.59%
6) S 2-Fluorobiphenyl (SURR)	8.266	3586833	47.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.27%
11) S ortho-Terphenyl (SURR)	11.291	4381485	25.886 ug/ml
Spiked Amount 50.000		Recovery =	51.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	4230037	29.969 ug/ml
2) T Naphthalene (C11.7)	5.752	4950492	36.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	5002478	35.288 ug/ml
5) T Acenaphthylene (C15.06)	8.066	5037411	35.909 ug/ml
7) T Acenaphthene (C15.5)	8.358	6070633	39.038 ug/ml
8) T Flouorene (C16.55)	9.139	5491504	39.035 ug/ml
9) T Phenanthrene (C19.36)	10.531	5571544	41.371 ug/ml
10) T Anthracene (C19.43)	10.606	5541756	41.243 ug/ml
12) T Fluoranthene (C21.85)	12.336	5456146	40.855 ug/ml
13) T Pyrene (C20.8)	12.629	4865313	38.518 ug/ml
14) T Benzo[a]anthracene (C...	14.500	4626259	43.555 ug/ml
15) T Chrysene (C27.41)	14.542	5551245	42.347 ug/ml
16) T benzo[b]fluoranthene ...	16.048	4811076	42.869 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	5156510	40.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	3890562	33.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	4182829	39.235 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	4589676	37.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	4669097	39.772 ug/ml

(f)=RT Delta > 1/2 Window

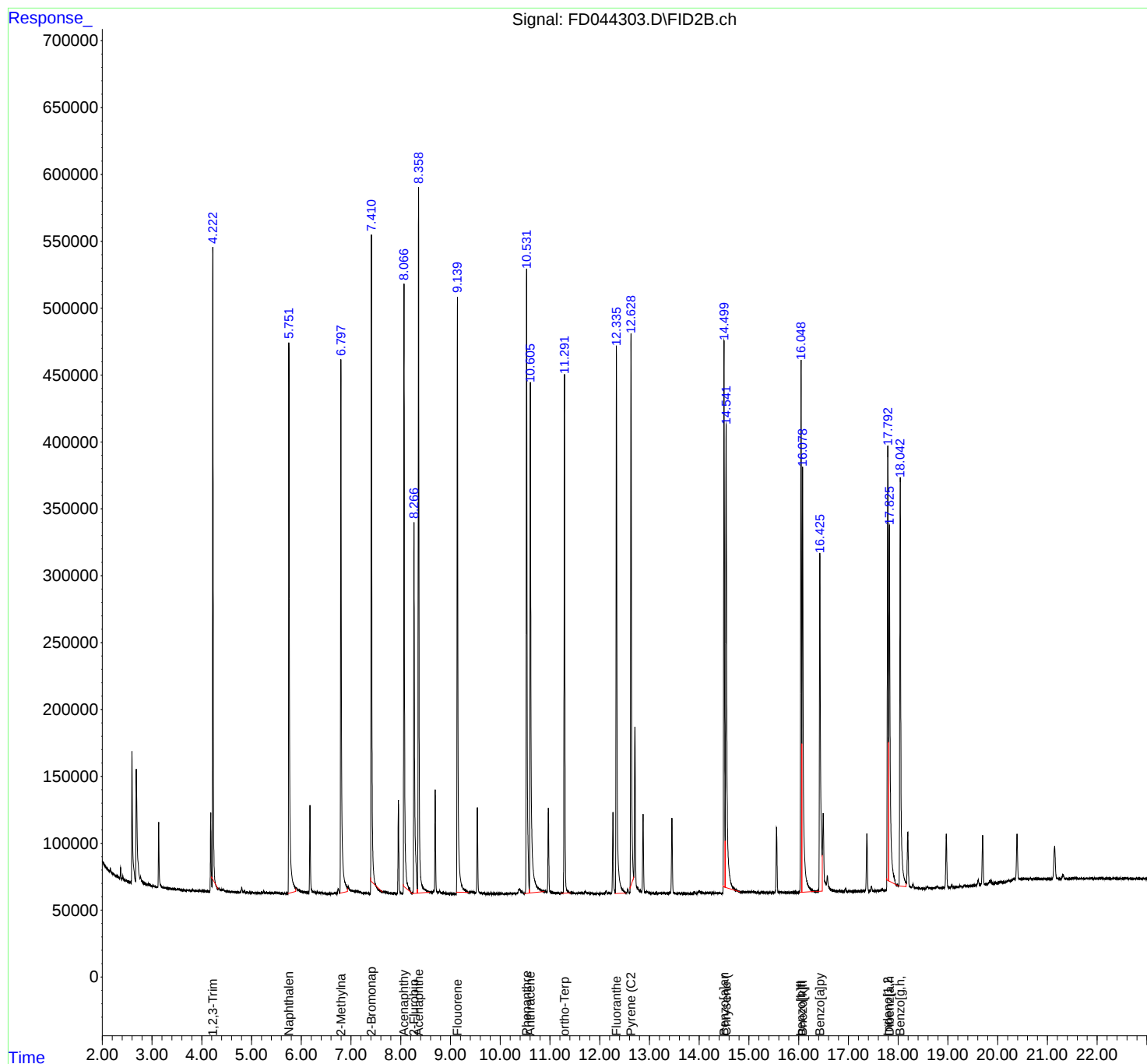
(m)=manual int.

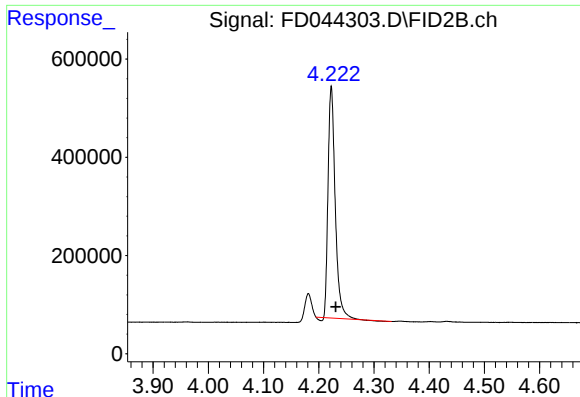
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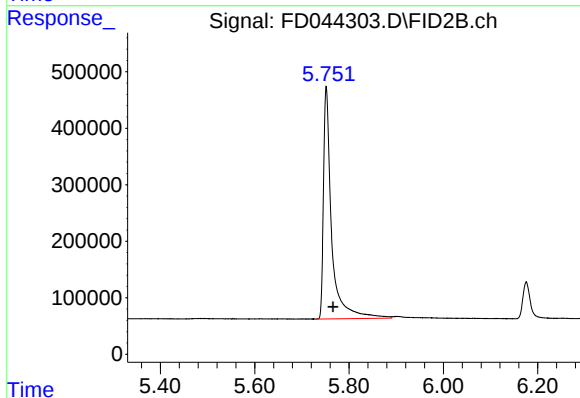




#1 1,2,3-Trimethylbenzene (C10.1)

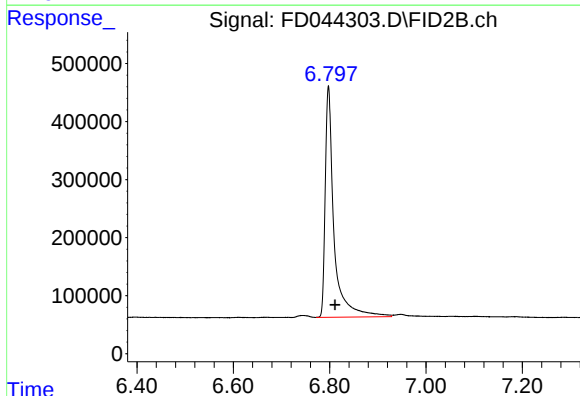
R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 4230037
Conc: 29.97 ug/ml

Instrument :
FID_D
ClientSampleId :
BACKYARD-SURFACE-AMS



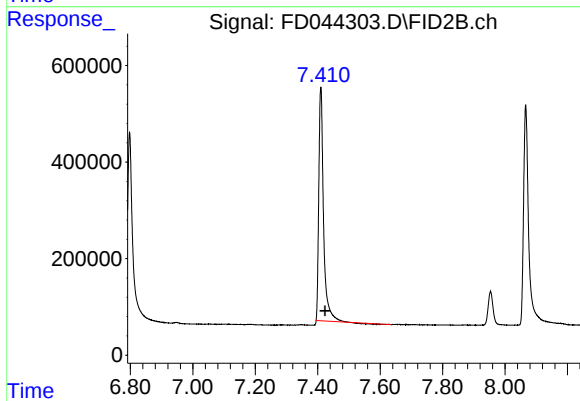
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 4950492
Conc: 36.11 ug/ml



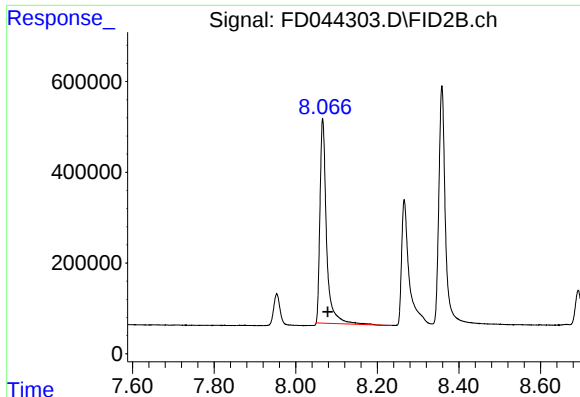
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.013 min
Response: 5002478
Conc: 35.29 ug/ml



#4 2-Bromonaphthalene (SURR)

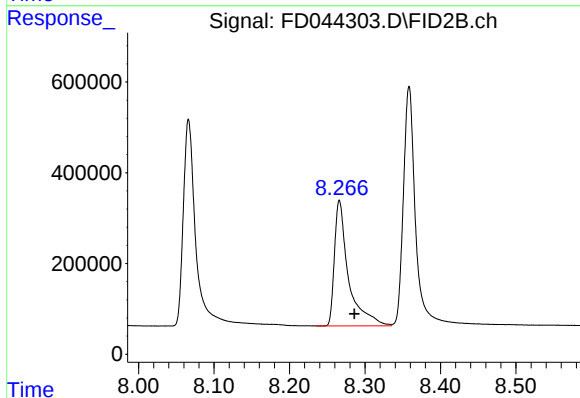
R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 5064762
Conc: 40.79 ug/ml



#5 Acenaphthylene (C15.06)

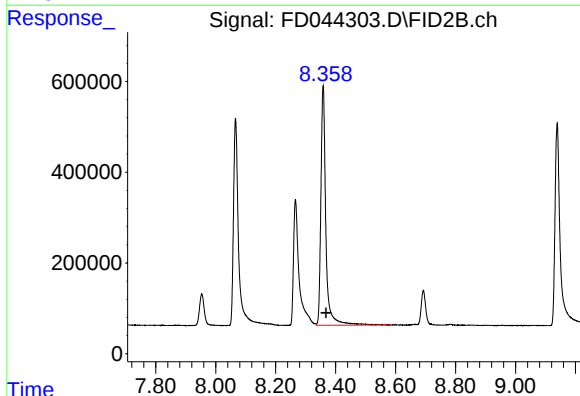
R.T.: 8.066 min
Delta R.T.: -0.012 min
Response: 5037411
Conc: 35.91 ug/ml

Instrument :
FID_D
ClientSampleId :
BACKYARD-SURFACE-AMS



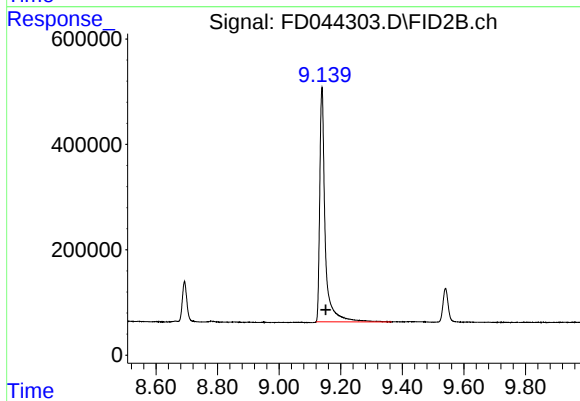
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.019 min
Response: 3586833
Conc: 47.63 ug/ml



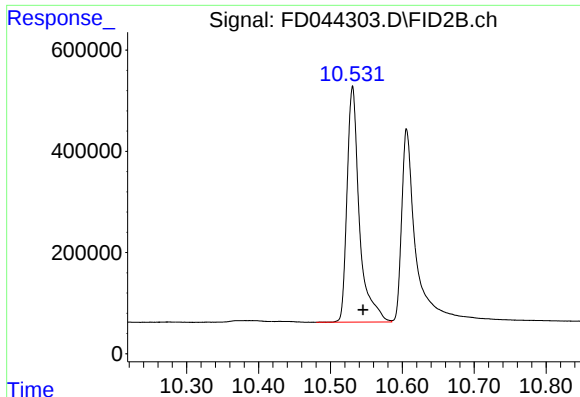
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.009 min
Response: 6070633
Conc: 39.04 ug/ml



#8 Fluorene (C16.55)

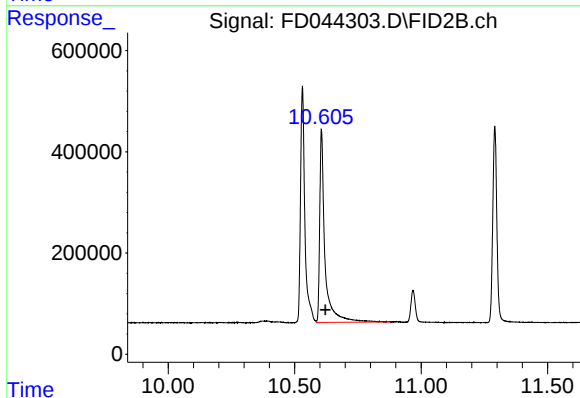
R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5491504
Conc: 39.04 ug/ml



#9 Phenanthrene (C19.36)

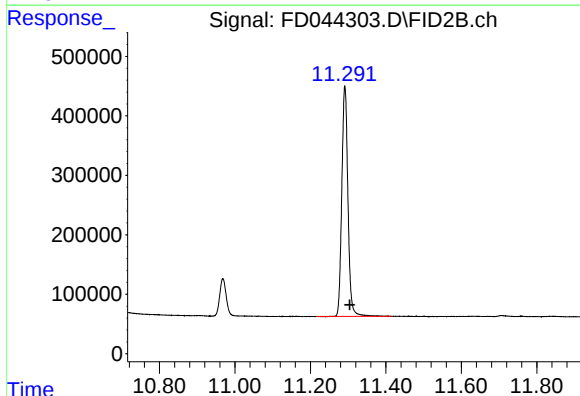
R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 5571544
Conc: 41.37 ug/ml

Instrument :
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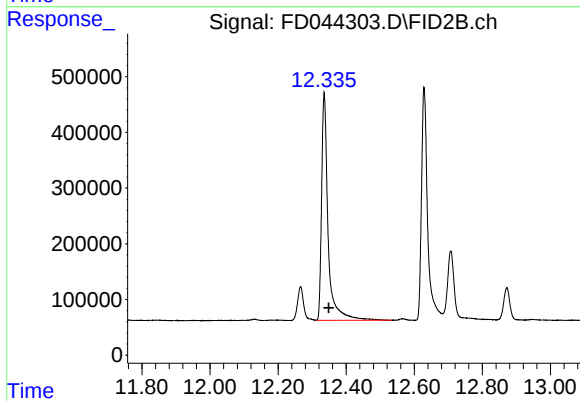
#10 Anthracene (C19.43)

R.T.: 10.606 min
Delta R.T.: -0.015 min
Response: 5541756
Conc: 41.24 ug/ml



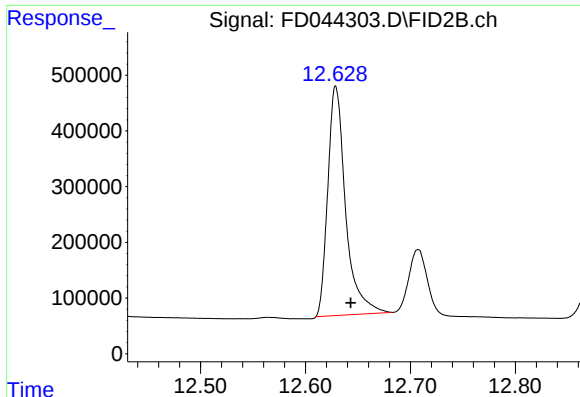
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.013 min
Response: 4381485
Conc: 25.89 ug/ml



#12 Fluoranthene (C21.85)

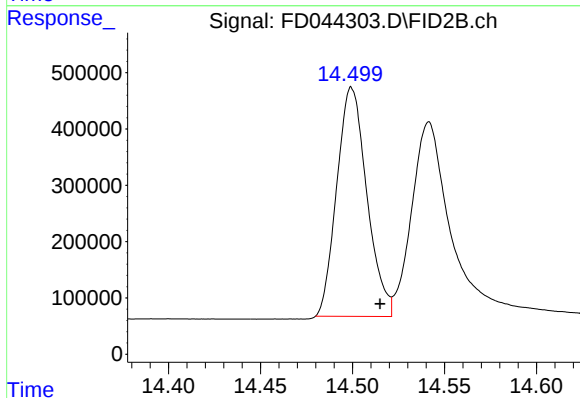
R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 5456146
Conc: 40.85 ug/ml



#13 Pyrene (C20.8)

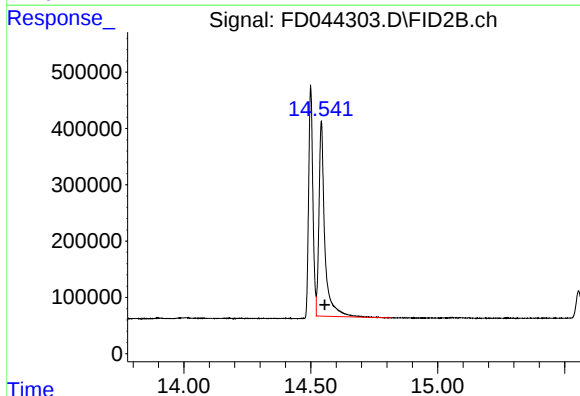
R.T.: 12.629 min
Delta R.T.: -0.014 min
Response: 4865313
Conc: 38.52 ug/ml

Instrument :
FID_D
ClientSampleId :
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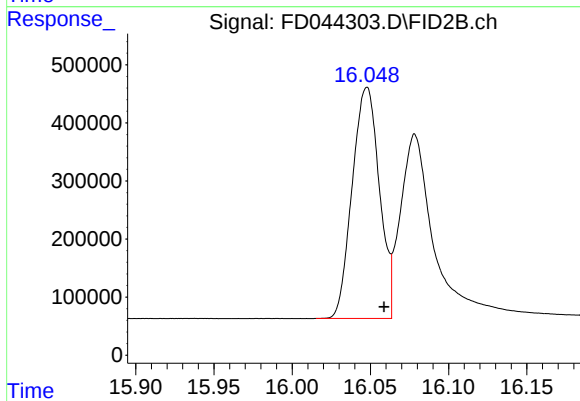
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.015 min
Response: 4626259
Conc: 43.55 ug/ml



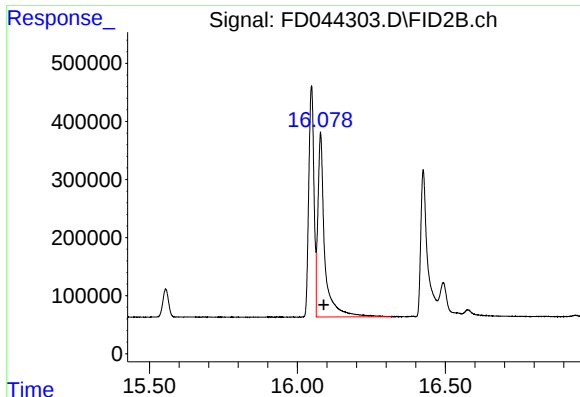
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.013 min
Response: 5551245
Conc: 42.35 ug/ml



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

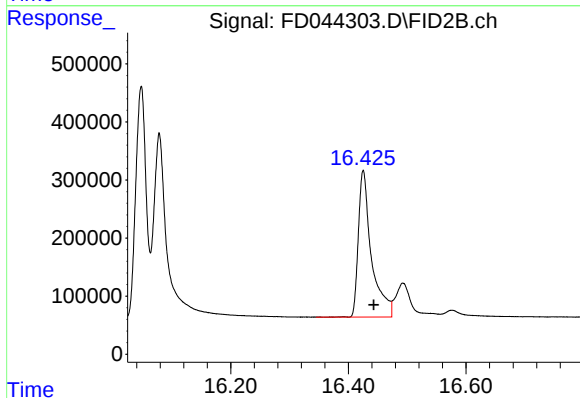
R.T.: 16.048 min
Delta R.T.: -0.011 min
Response: 4811076
Conc: 42.87 ug/ml



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

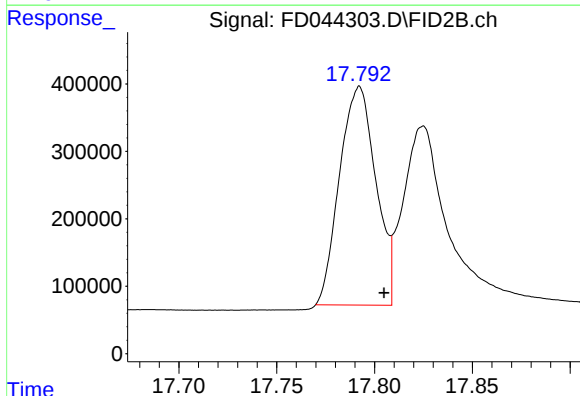
R.T.: 16.078 min
Delta R.T.: -0.011 min
Response: 5156510
Conc: 40.53 ug/ml

Instrument :
FID_D
ClientSampleId :
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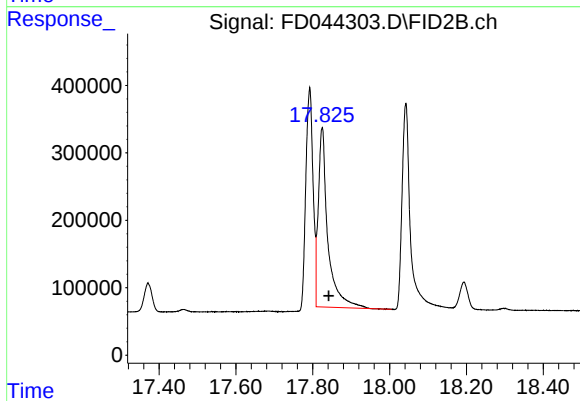
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.018 min
Response: 3890562
Conc: 33.48 ug/ml



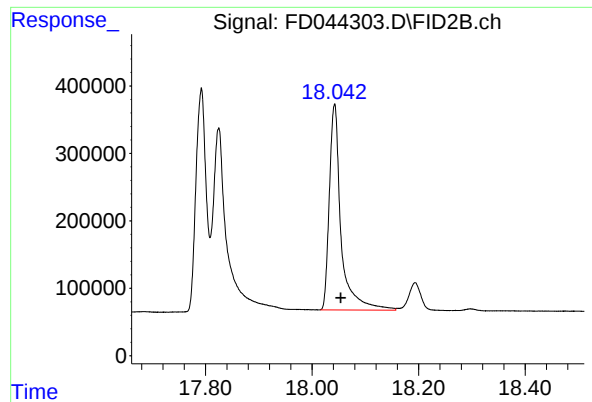
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 4182829
Conc: 39.24 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.017 min
Response: 4589676
Conc: 37.10 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.012 min
Response: 4669097
Conc: 39.77 ug/ml

Instrument :

FID_D

ClientSampleId :

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