

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043769.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 20:44
 Operator : YP/AJ
 Sample : PB147352BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.447	7457974	43.164 ug/ml
Spiked Amount 50.000		Recovery =	86.33%
6) S 2-Fluorobiphenyl (SURR)	8.302	4708444	46.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.61%
11) S ortho-Terphenyl (SURR)	11.335	7807609	37.319 ug/ml
Spiked Amount 50.000		Recovery =	74.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	3903751	19.602 ug/ml
2) T Naphthalene (C11.7)	5.785	6033525	30.018 ug/ml
3) T 2-Methylnaphthalene (...)	6.833	5961355	33.027 ug/ml
5) T Acenaphthylene (C15.06)	8.105	6427593	32.156 ug/ml
7) T Acenaphthene (C15.5)	8.397	7281415	33.874 ug/ml
8) T Flouorene (C16.55)	9.178	7046094	36.753 ug/ml
9) T Phenanthrene (C19.36)	10.570	7186810	39.965 ug/ml
10) T Anthracene (C19.43)	10.645	7531920	38.723 ug/ml
12) T Fluoranthene (C21.85)	12.375	5697960	31.245 ug/ml
13) T Pyrene (C20.8)	12.670	6916235	37.052 ug/ml
14) T Benzo[a]anthracene (C...	14.538	6380986	44.597 ug/ml
15) T Chrysene (C27.41)	14.580	7609042	39.423 ug/ml
16) T benzo[b]fluoranthene ...	16.085	12015860	83.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	12015860	69.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	5063295	34.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	9642304	93.237 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	9642304	68.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	5464715	42.926 ug/ml

(f)=RT Delta > 1/2 Window

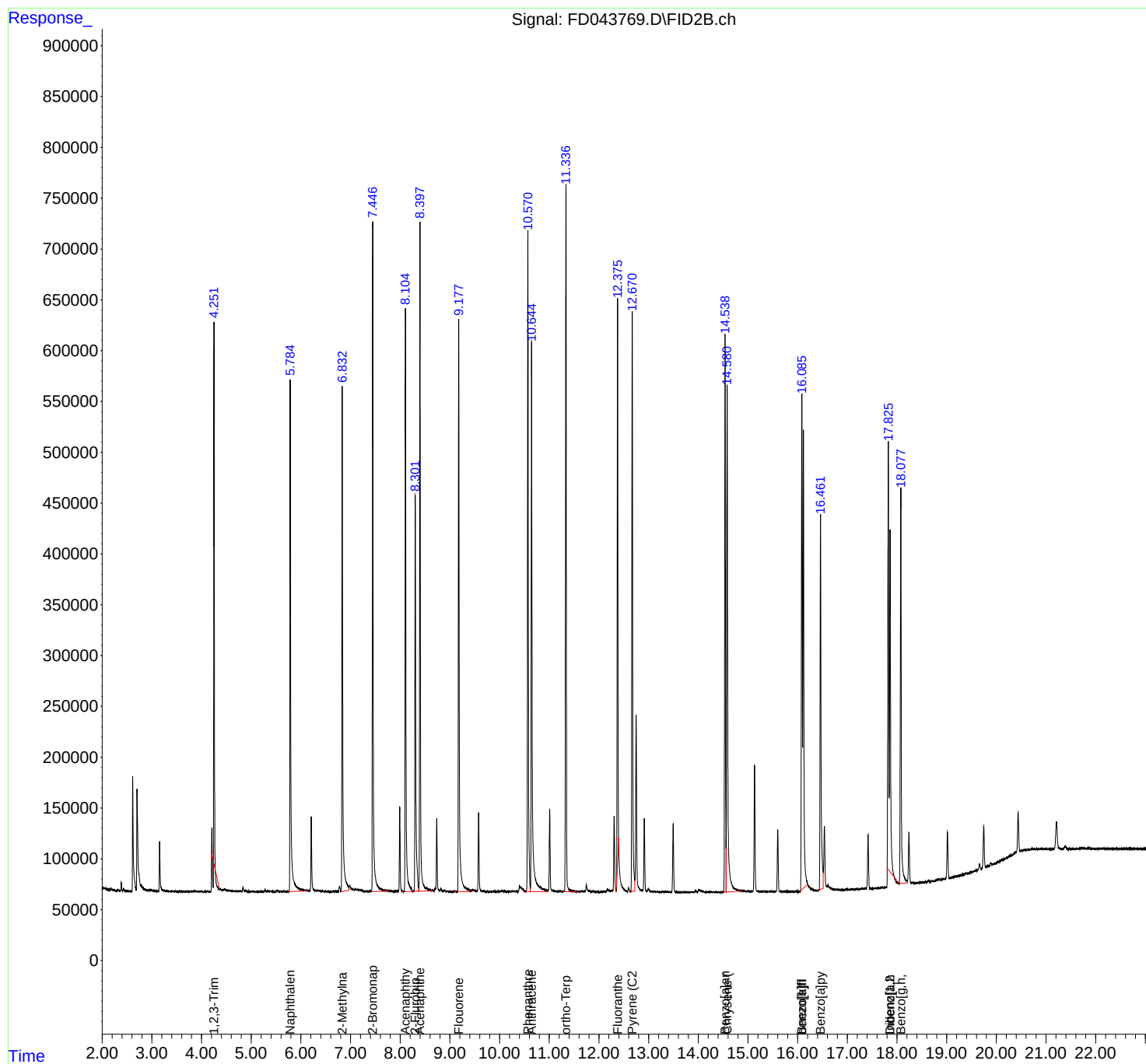
(m)=manual int.

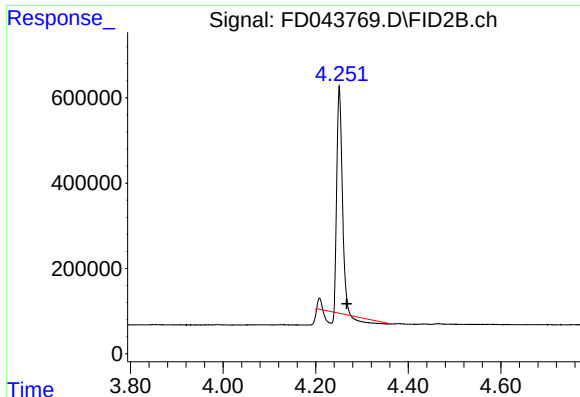
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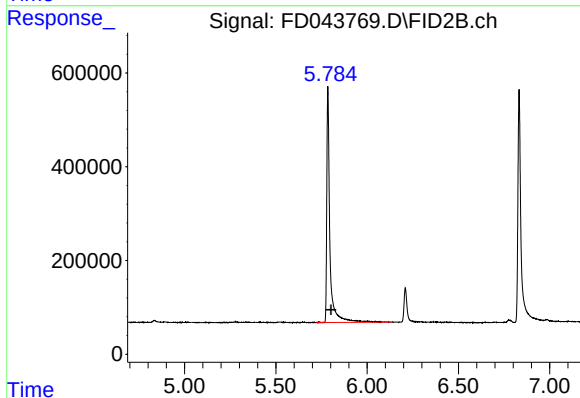




#1 1,2,3-Trimethylbenzene (C10.1)

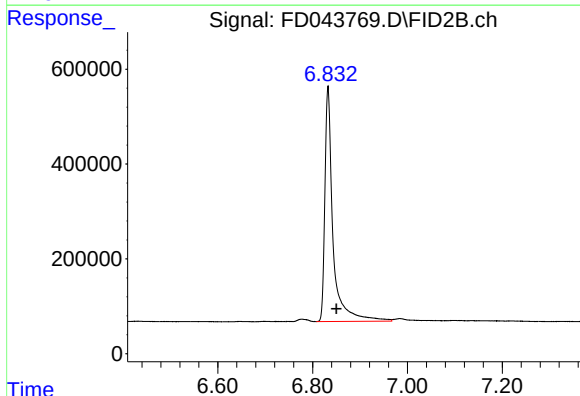
R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 3903751
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



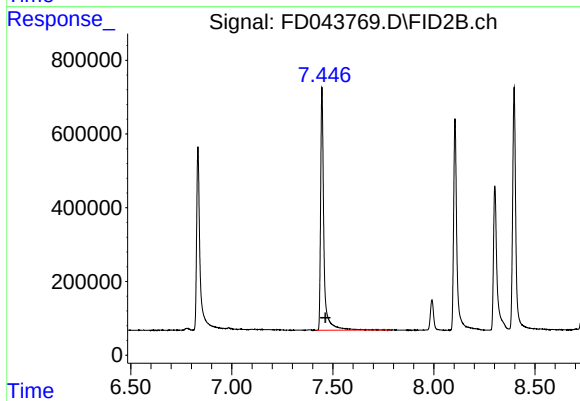
#2 Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: -0.018 min
Response: 6033525
Conc: 30.02 ug/ml



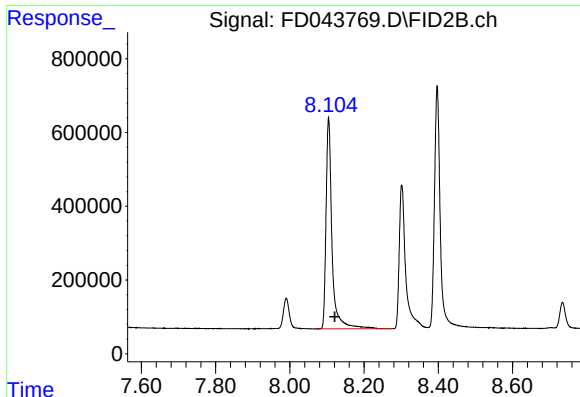
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.833 min
Delta R.T.: -0.018 min
Response: 5961355
Conc: 33.03 ug/ml



#4 2-Bromonaphthalene (SURR)

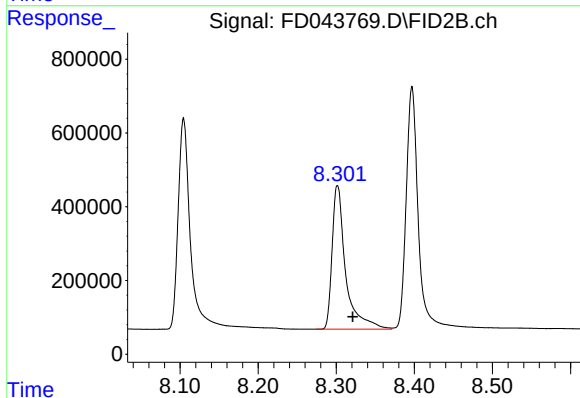
R.T.: 7.447 min
Delta R.T.: -0.016 min
Response: 7457974
Conc: 43.16 ug/ml



#5 Acenaphthylene (C15.06)

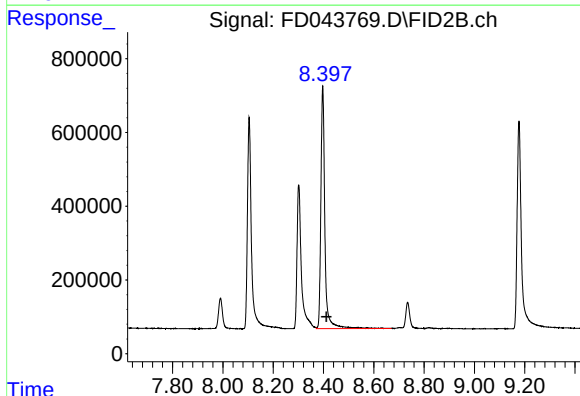
R.T.: 8.105 min
Delta R.T.: -0.016 min
Response: 6427593
Conc: 32.16 ug/ml

Instrument :
FID_D
ClientSampleId :



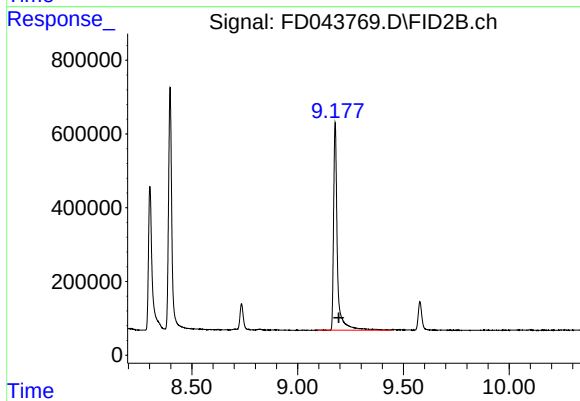
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 4708444
Conc: 46.81 ug/ml



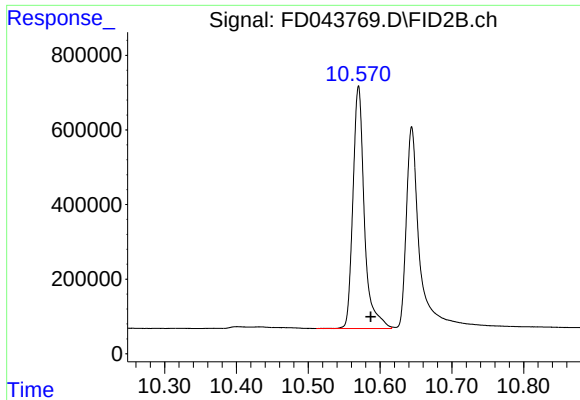
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.015 min
Response: 7281415
Conc: 33.87 ug/ml



#8 Flouorene (C16.55)

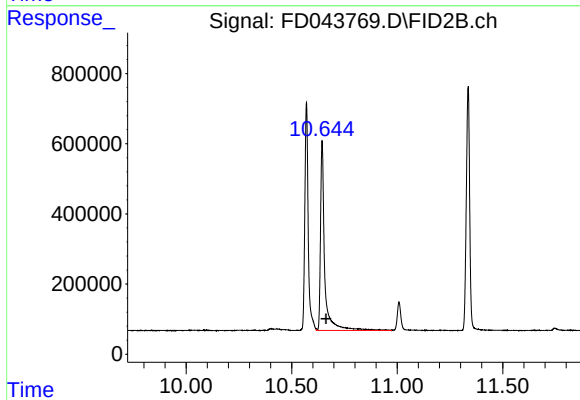
R.T.: 9.178 min
Delta R.T.: -0.017 min
Response: 7046094
Conc: 36.75 ug/ml



#9 Phenanthrene (C19.36)

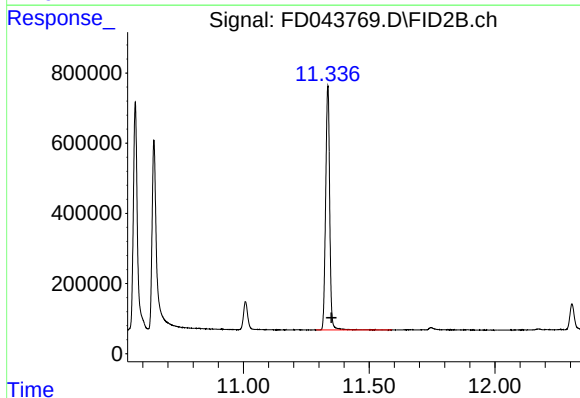
R.T.: 10.570 min
Delta R.T.: -0.017 min
Response: 7186810
Conc: 39.97 ug/ml

Instrument :
FID_D
ClientSampleId :



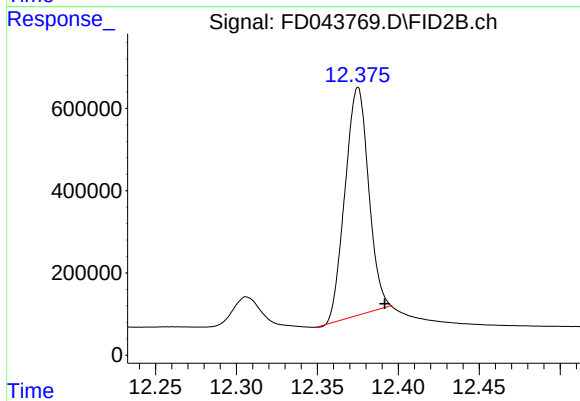
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.019 min
Response: 7531920
Conc: 38.72 ug/ml



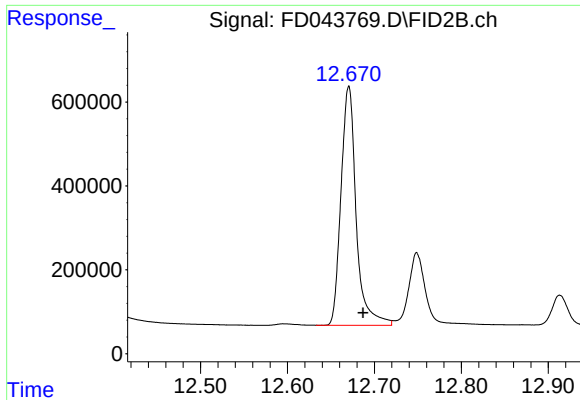
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.015 min
Response: 7807609
Conc: 37.32 ug/ml



#12 Fluoranthene (C21.85)

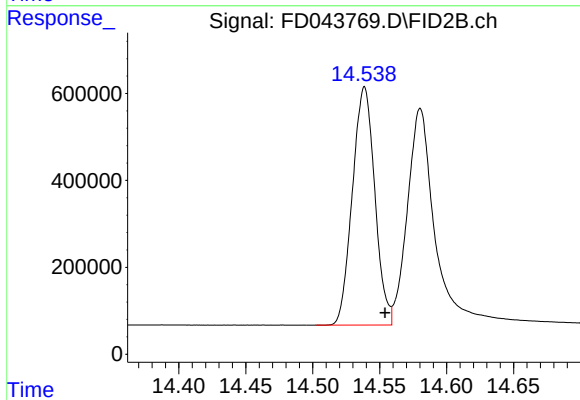
R.T.: 12.375 min
Delta R.T.: -0.017 min
Response: 5697960
Conc: 31.24 ug/ml



#13 Pyrene (C20.8)

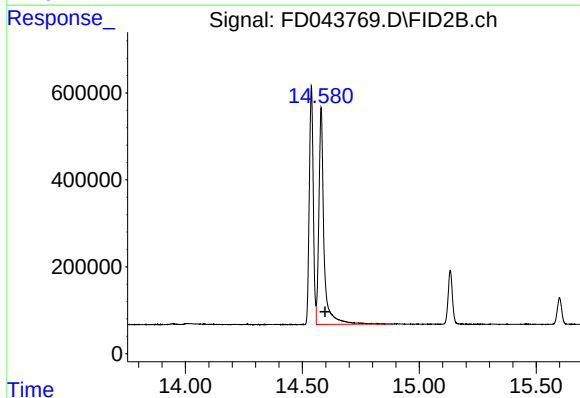
R.T.: 12.670 min
Delta R.T.: -0.017 min
Response: 6916235
Conc: 37.05 ug/ml

Instrument :
FID_D
ClientSampleId :



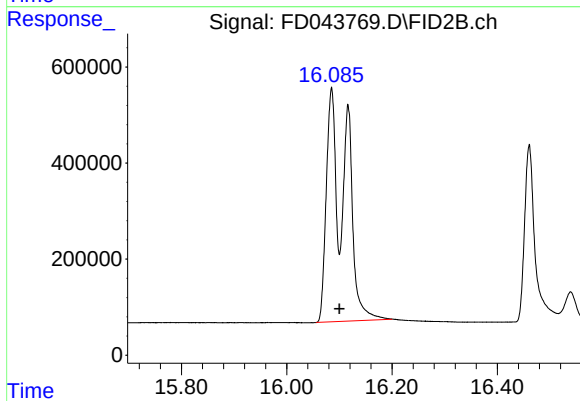
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: -0.016 min
Response: 6380986
Conc: 44.60 ug/ml



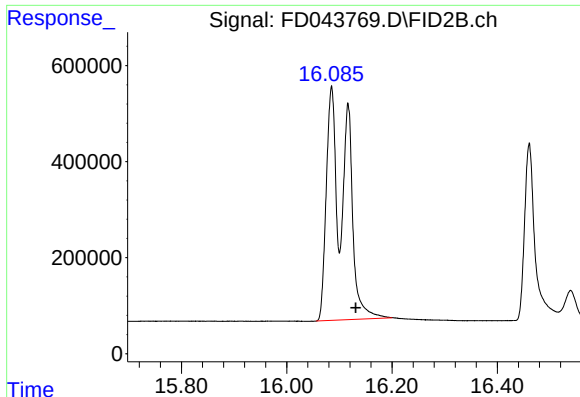
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: -0.016 min
Response: 7609042
Conc: 39.42 ug/ml



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

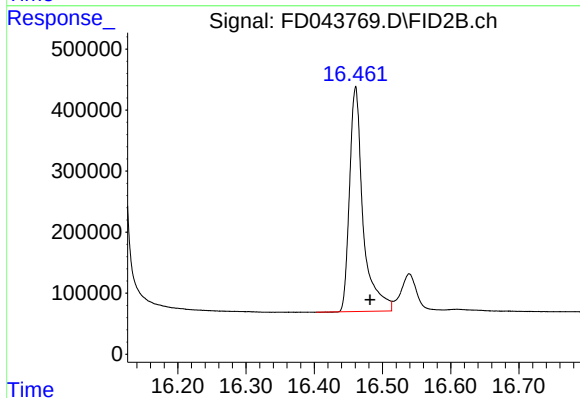
R.T.: 16.085 min
Delta R.T.: -0.016 min
Response: 12015860
Conc: 83.27 ug/ml



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

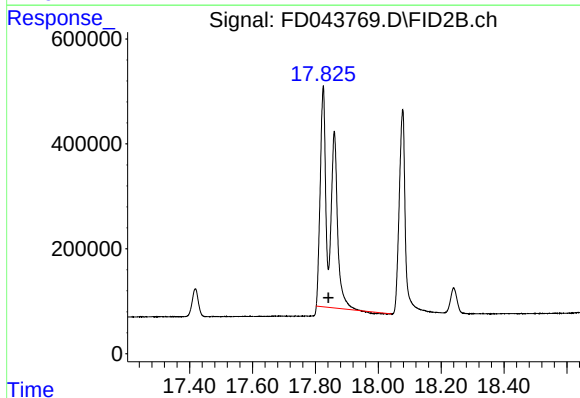
R.T.: 16.085 min
Delta R.T.: -0.046 min
Response: 12015860
Conc: 69.86 ug/ml

Instrument :
FID_D
ClientSampleId :



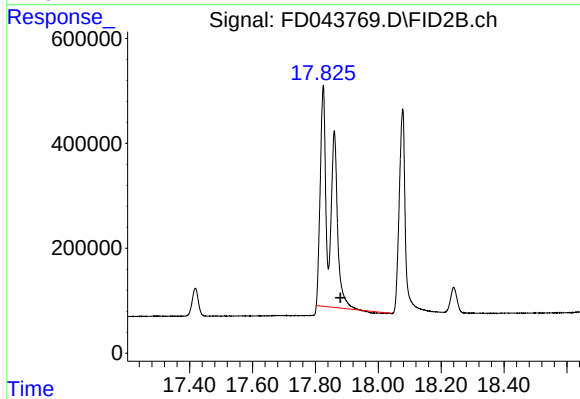
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: -0.021 min
Response: 5063295
Conc: 34.87 ug/ml



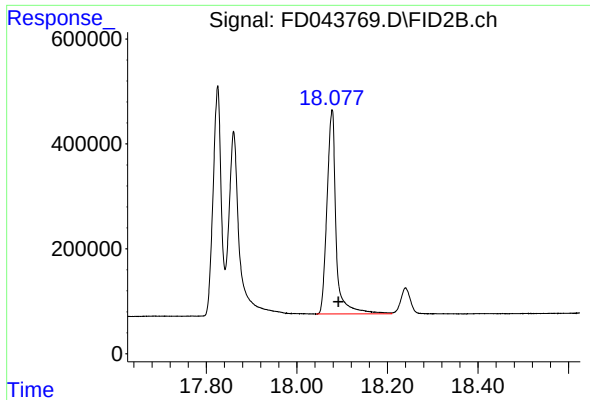
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: 0.018 min
Response: 9642304
Conc: 93.24 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.019 min
Response: 9642304
Conc: 68.52 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.016 min
Response: 5464715
Conc: 42.93 ug/ml

Instrument :

FID_D

ClientSampleId :