

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101822AR\
 Data File : FD044158.D
 Signal(s) : FID2B.ch
 Acq On : 18 Oct 2022 10:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 19 05:29:33 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...	7.417	2715776	21.874 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
6) S 2-Fluorobiphenyl (SURR)	8.273	1668703	22.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.32%
11) S ortho-Terphenyl (SURR)	11.302	3648973	21.558 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	3072937	21.771 ug/ml
2) T Naphthalene (C11.7)	5.758	3036355	22.148 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	3132829	22.099 ug/ml
5) T Acenaphthylene (C15.06)	8.073	3042940	21.691 ug/ml
7) T Acenaphthene (C15.5)	8.365	3360341	21.609 ug/ml
8) T Flouorene (C16.55)	9.146	3095362	22.003 ug/ml
9) T Phenanthrene (C19.36)	10.537	2971473	22.065 ug/ml
10) T Anthracene (C19.43)	10.613	2886527	21.482 ug/ml
12) T Fluoranthene (C21.85)	12.343	2975761	22.282 ug/ml
13) T Pyrene (C20.8)	12.637	2787391	22.068 ug/ml
14) T Benzo[a]anthracene (C...	14.507	2448325	23.050 ug/ml
15) T Chrysene (C27.41)	14.548	2973758	22.685 ug/ml
16) T benzo[b]fluoranthene ...	16.053	2570123	22.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2815833	22.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	2454201	21.121 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2435757	22.848 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	2780277	22.473 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	2635111	22.446 ug/ml

(f)=RT Delta > 1/2 Window

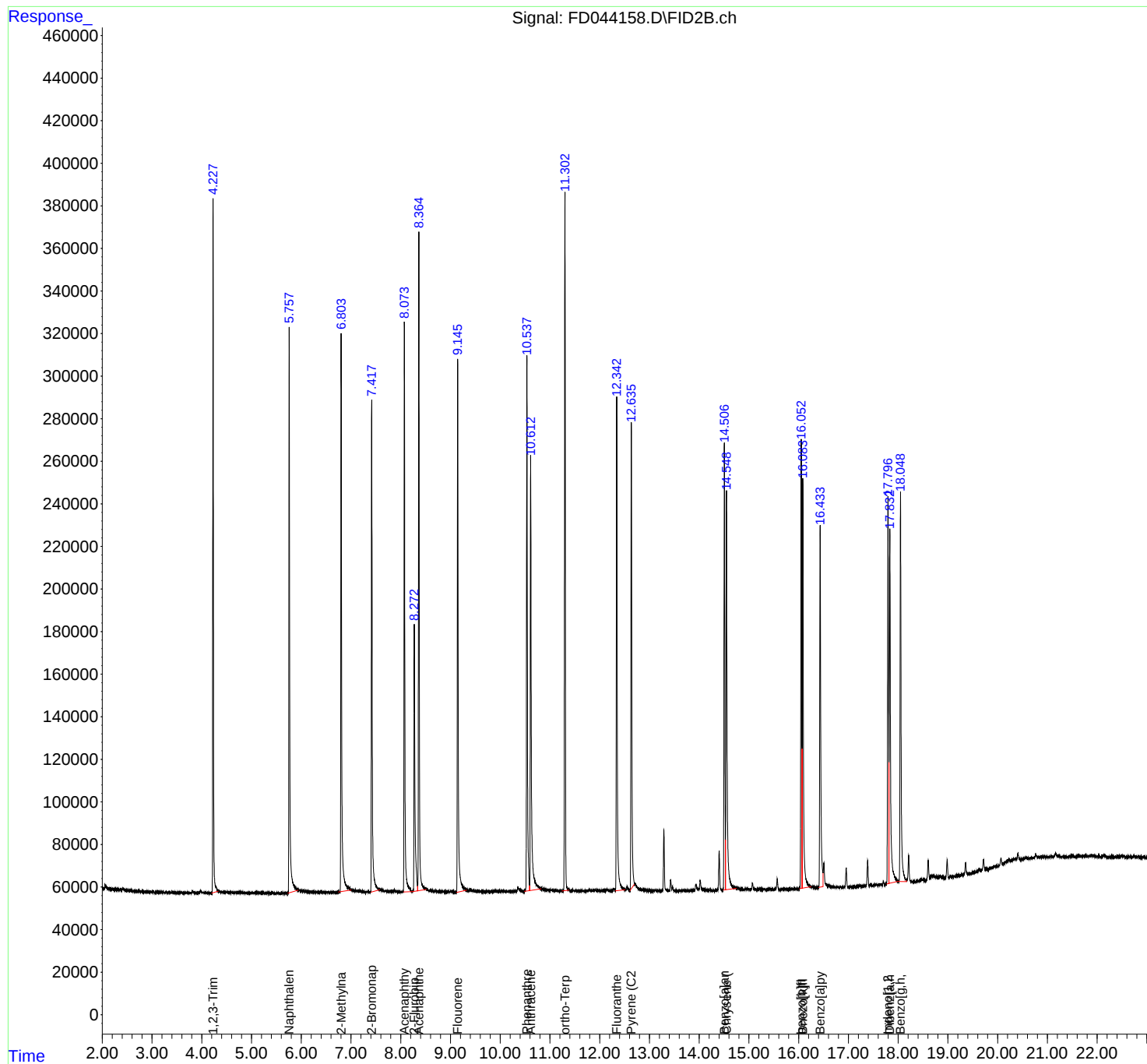
(m)=manual int.

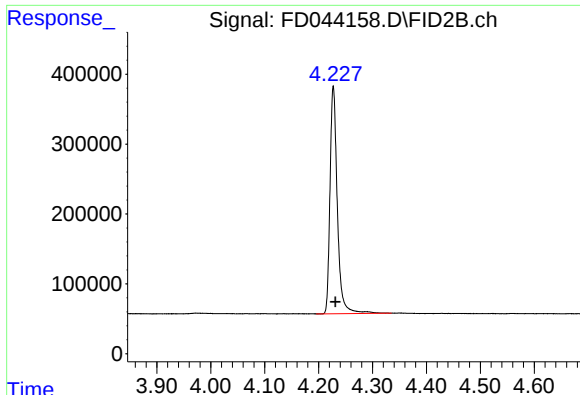
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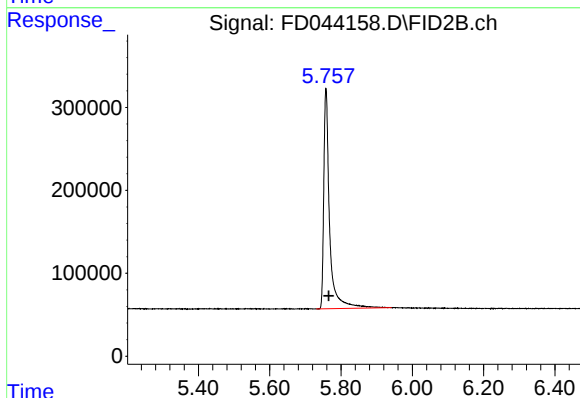




#1 1,2,3-Trimethylbenzene (C10.1)

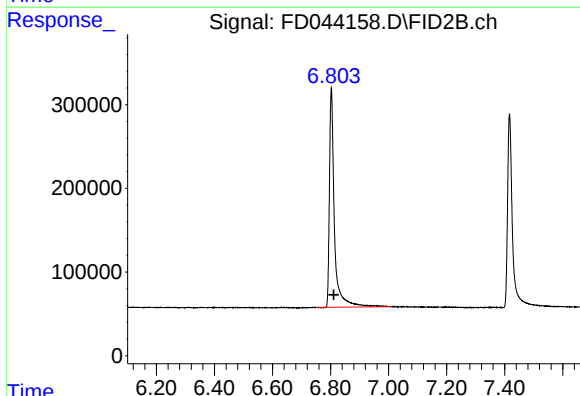
R.T.: 4.228 min
Delta R.T.: -0.003 min
Response: 3072937
Conc: 21.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



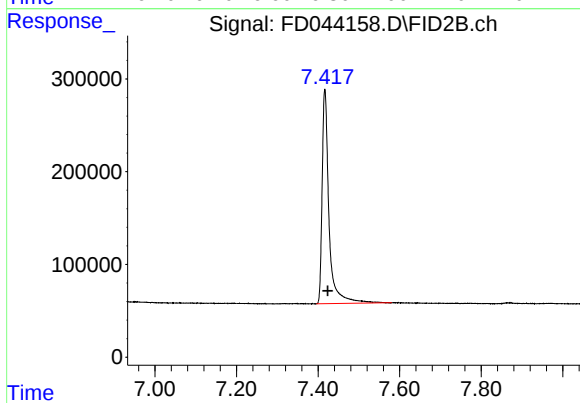
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.008 min
Response: 3036355
Conc: 22.15 ug/ml



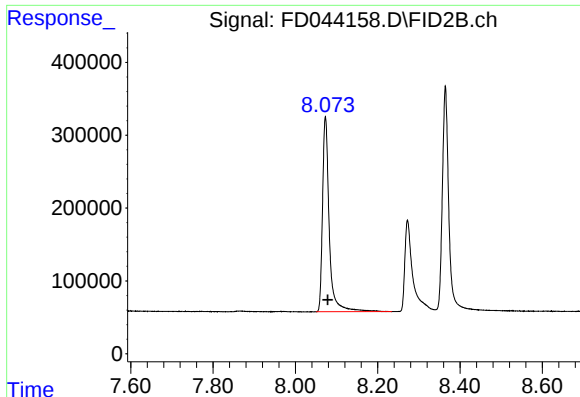
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 3132829
Conc: 22.10 ug/ml



#4 2-Bromonaphthalene (SURR)

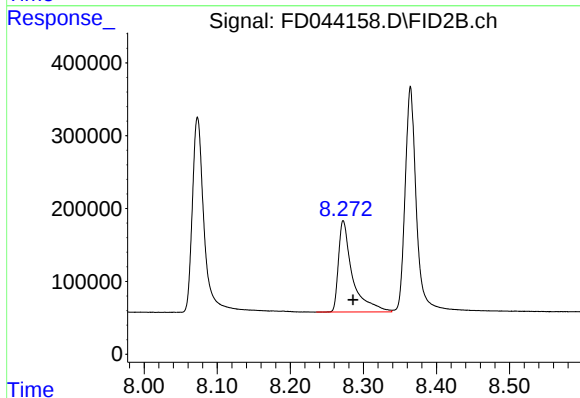
R.T.: 7.417 min
Delta R.T.: -0.007 min
Response: 2715776
Conc: 21.87 ug/ml



#5 Acenaphthylene (C15.06)

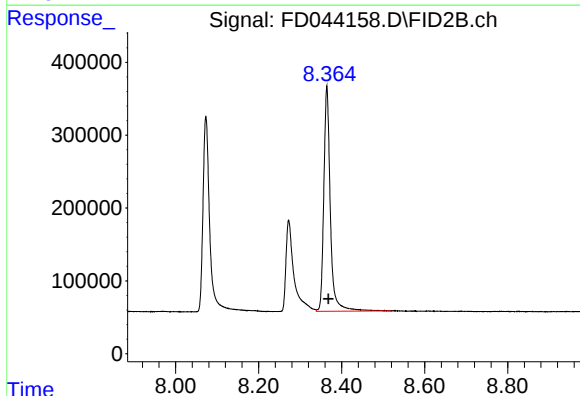
R.T.: 8.073 min
Delta R.T.: -0.005 min
Response: 3042940
Conc: 21.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



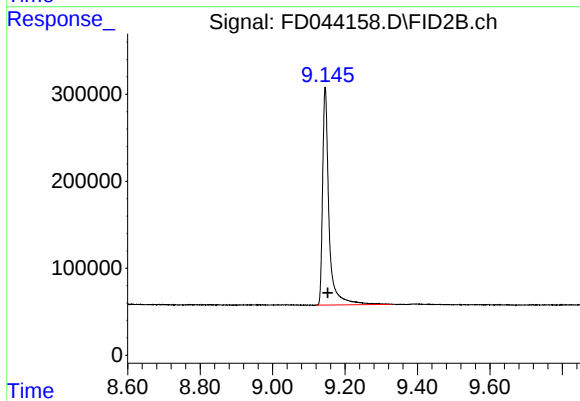
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.013 min
Response: 1668703
Conc: 22.16 ug/ml



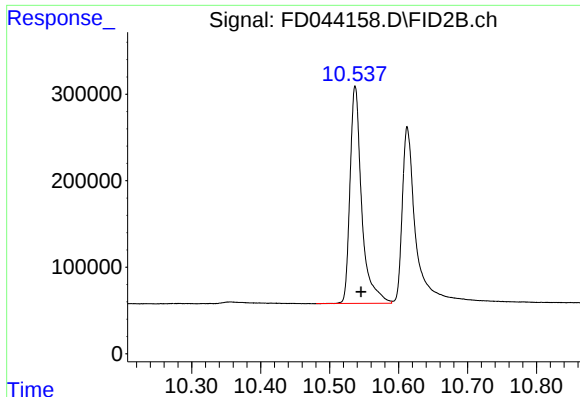
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 3360341
Conc: 21.61 ug/ml



#8 Flouorene (C16.55)

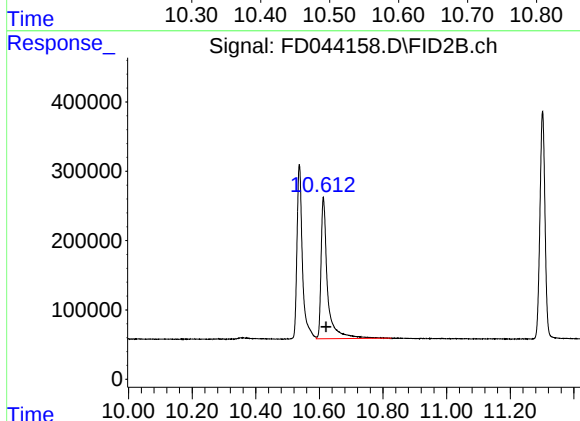
R.T.: 9.146 min
Delta R.T.: -0.006 min
Response: 3095362
Conc: 22.00 ug/ml



#9 Phenanthrene (C19.36)

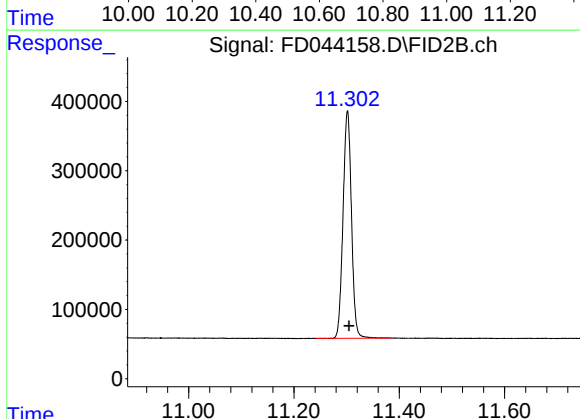
R.T.: 10.537 min
Delta R.T.: -0.008 min
Response: 2971473
Conc: 22.06 ug/ml

Instrument :
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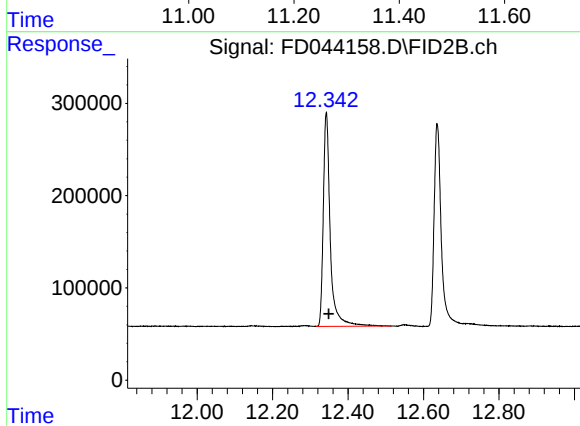
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.009 min
Response: 2886527
Conc: 21.48 ug/ml



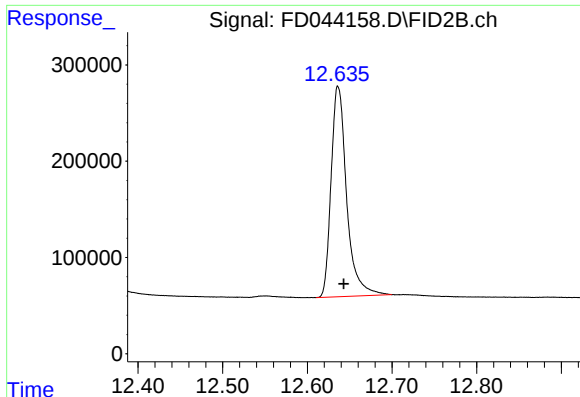
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.003 min
Response: 3648973
Conc: 21.56 ug/ml



#12 Fluoranthene (C21.85)

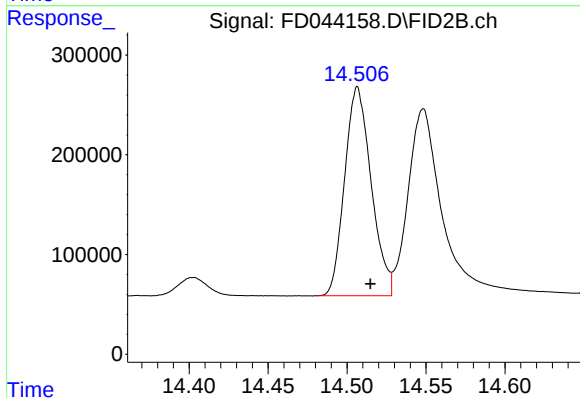
R.T.: 12.343 min
Delta R.T.: -0.006 min
Response: 2975761
Conc: 22.28 ug/ml



#13 Pyrene (C20.8)

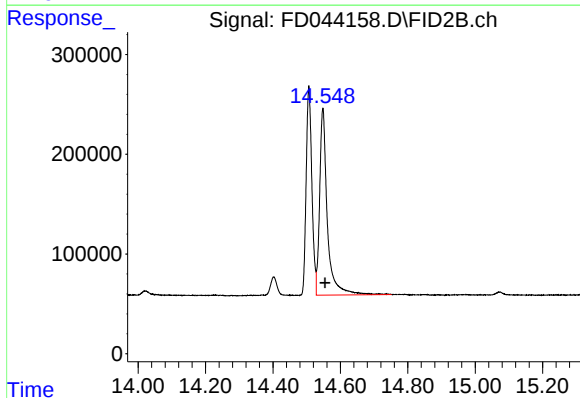
R.T.: 12.637 min
Delta R.T.: -0.006 min
Response: 2787391
Conc: 22.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



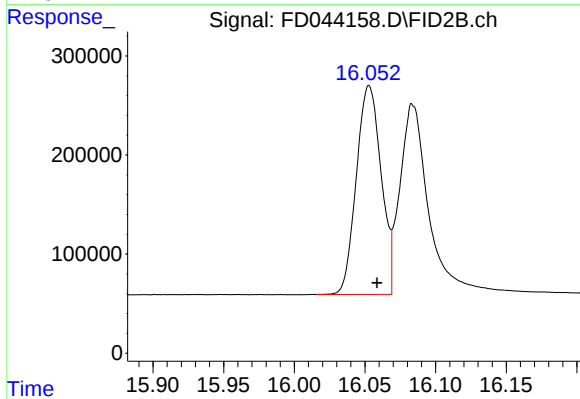
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.008 min
Response: 2448325
Conc: 23.05 ug/ml



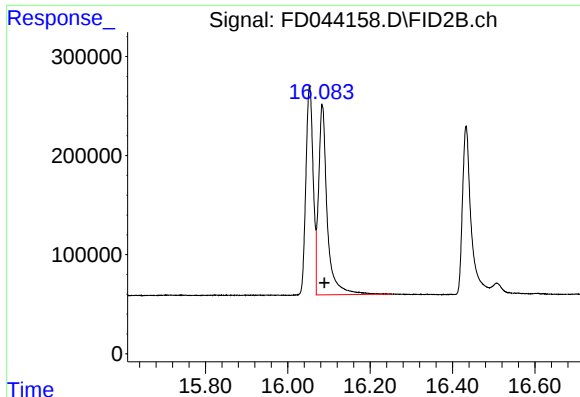
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.006 min
Response: 2973758
Conc: 22.69 ug/ml



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

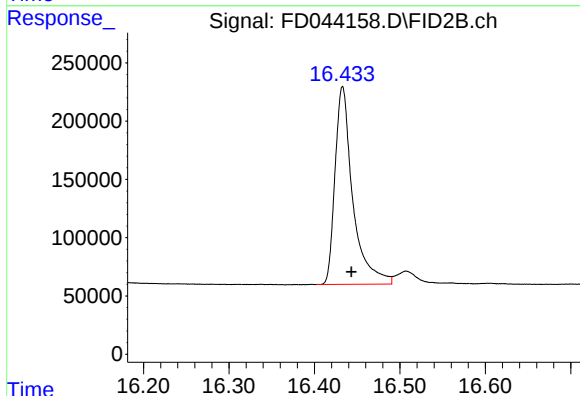
R.T.: 16.053 min
Delta R.T.: -0.006 min
Response: 2570123
Conc: 22.90 ug/ml



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

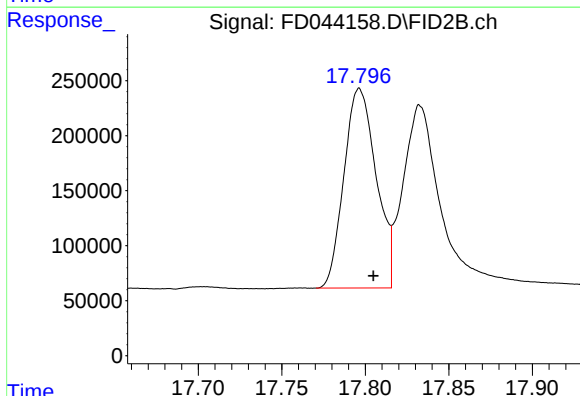
R.T.: 16.084 min
Delta R.T.: -0.005 min
Response: 2815833
Conc: 22.13 ug/ml

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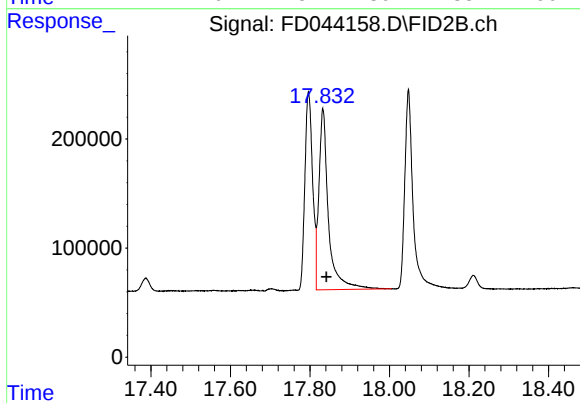
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.010 min
Response: 2454201
Conc: 21.12 ug/ml



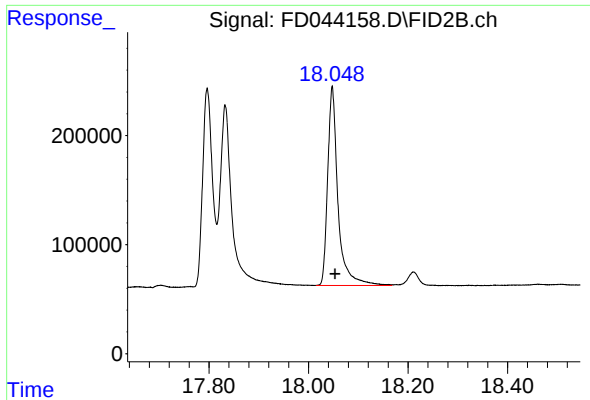
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.008 min
Response: 2435757
Conc: 22.85 ug/ml



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

R.T.: 17.833 min
Delta R.T.: -0.009 min
Response: 2780277
Conc: 22.47 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 2635111
Conc: 22.45 ug/ml

Instrument :
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