

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046290.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 20:16
 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: Aug 08 04:56:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.500	3334484	22.307 ug/ml
Spiked Amount 50.000		Recovery =	44.61%
6) S 2-Fluorobiphenyl (SURR)	8.355	2116967	22.614 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.23%
11) S ortho-Terphenyl (SURR)	11.393	4071191	23.312 ug/ml
Spiked Amount 50.000		Recovery =	46.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	4034273	22.143 ug/ml
2) T Naphthalene (C11.7)	5.840	4019285	22.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	3924722	22.299 ug/ml
5) T Acenaphthylene (C15.06)	8.158	3402430	22.300 ug/ml
7) T Acenaphthene (C15.5)	8.454	3650701	22.388 ug/ml
8) T Flouorene (C16.55)	9.232	3425558	22.513 ug/ml
9) T Phenanthrene (C19.36)	10.621	3328982	23.118 ug/ml
10) T Anthracene (C19.43)	10.695	2732682	20.881 ug/ml
12) T Fluoranthene (C21.85)	12.424	3312466	23.706 ug/ml
13) T Pyrene (C20.8)	12.718	3263449	23.547 ug/ml
14) T Benzo[a]anthracene (C...	14.582	2921034	22.254 ug/ml
15) T Chrysene (C27.41)	14.624	3236386	22.953 ug/ml
16) T benzo[b]fluoranthene ...	16.124	3025039	22.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	2981930	21.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2661165	20.441 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	1926469	16.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	2073942	16.216 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	2174216	17.138 ug/ml

(f)=RT Delta > 1/2 Window

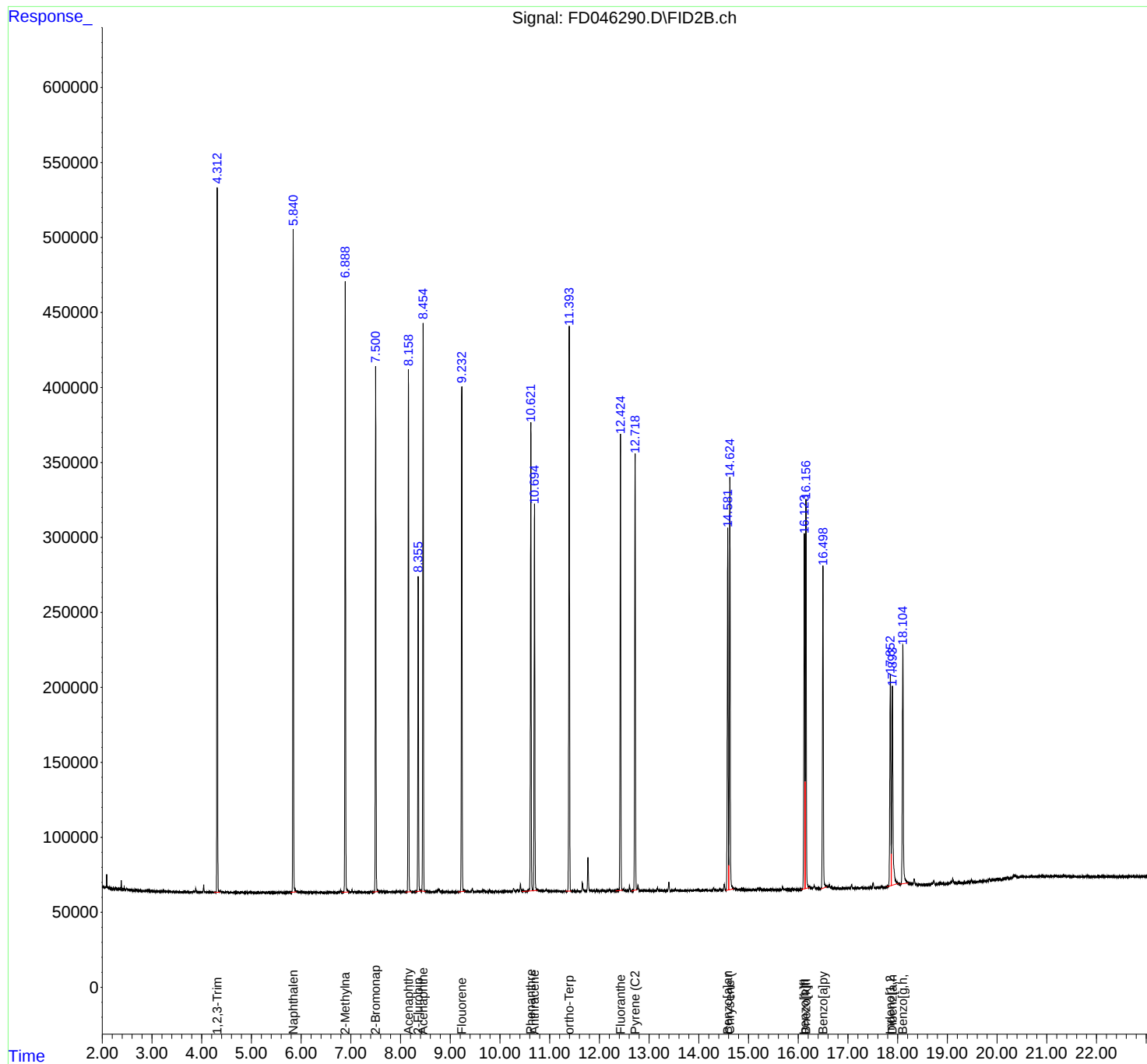
(m)=manual int.

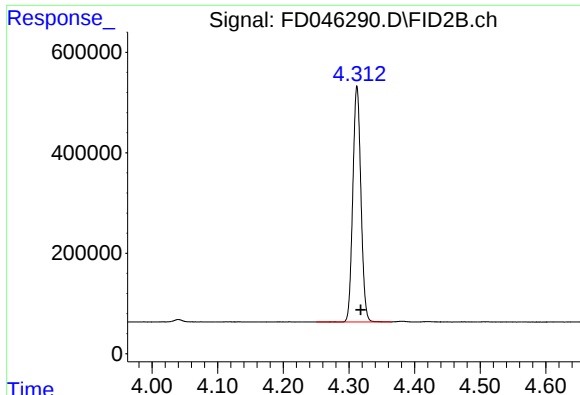
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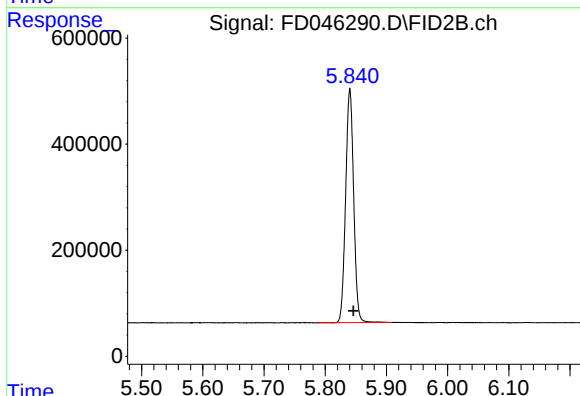




#1 1,2,3-Trimethylbenzene (C10.1)

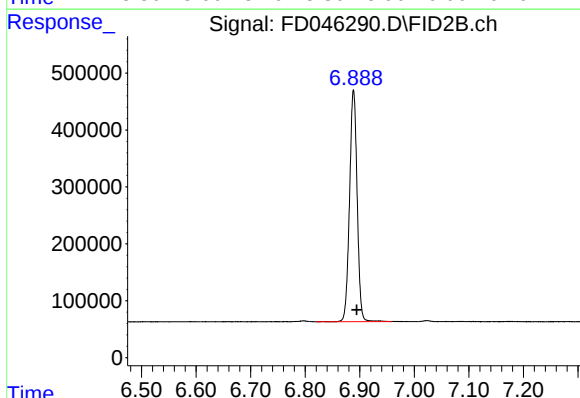
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 4034273
Conc: 22.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



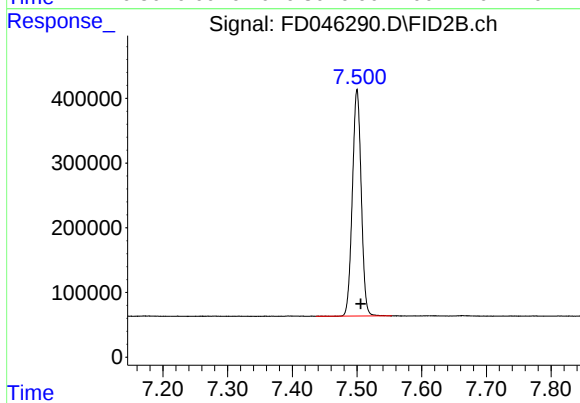
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 4019285
Conc: 22.25 ug/ml



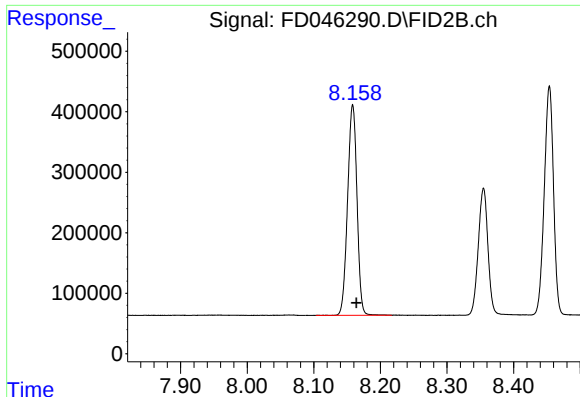
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 3924722
Conc: 22.30 ug/ml



#4 2-Bromonaphthalene (SURR)

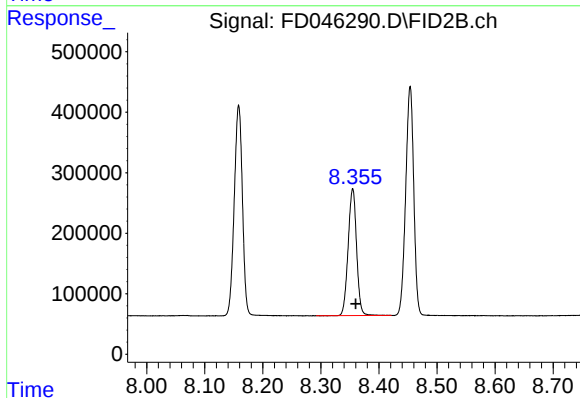
R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 3334484
Conc: 22.31 ug/ml



#5 Acenaphthylene (C15.06)

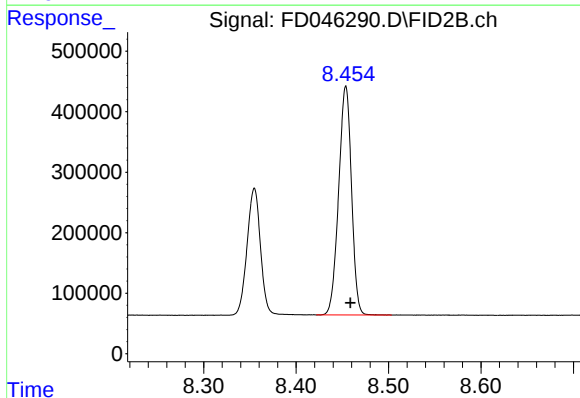
R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 3402430
Conc: 22.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



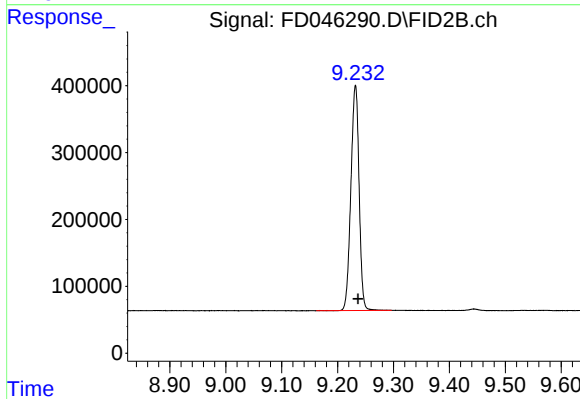
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2116967
Conc: 22.61 ug/ml



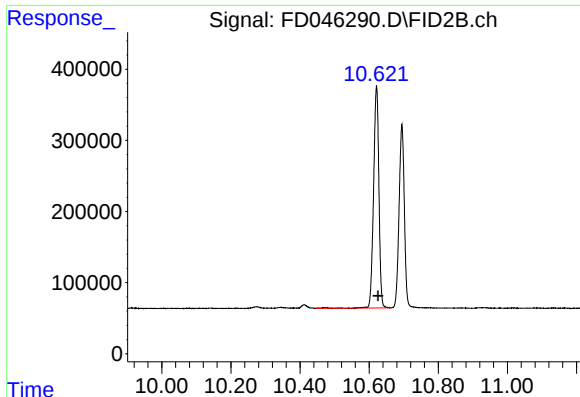
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.005 min
Response: 3650701
Conc: 22.39 ug/ml



#8 Flouorene (C16.55)

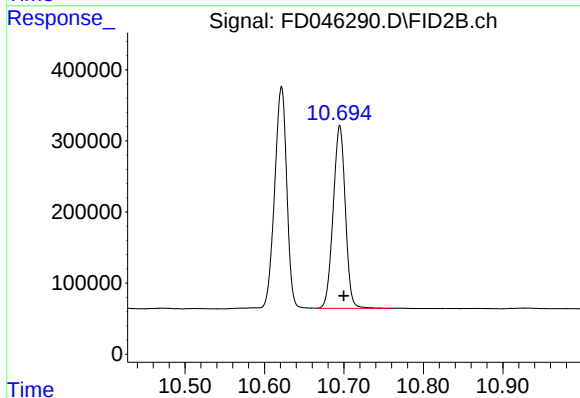
R.T.: 9.232 min
Delta R.T.: -0.005 min
Response: 3425558
Conc: 22.51 ug/ml



#9 Phenanthrene (C19.36)

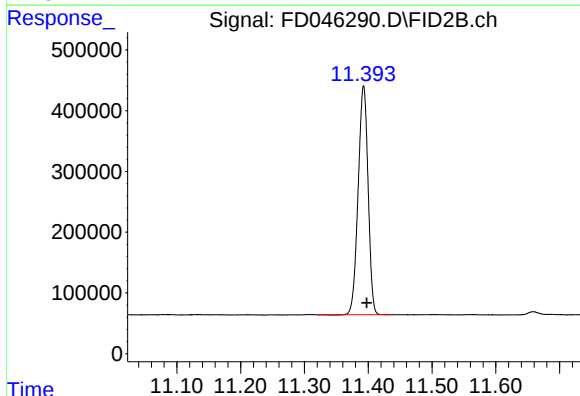
R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 3328982
Conc: 23.12 ug/ml

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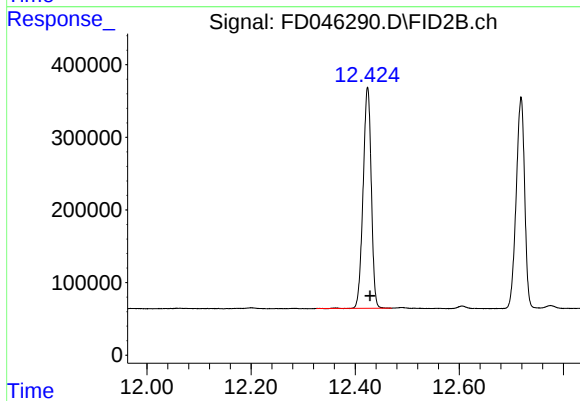
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.005 min
Response: 2732682
Conc: 20.88 ug/ml



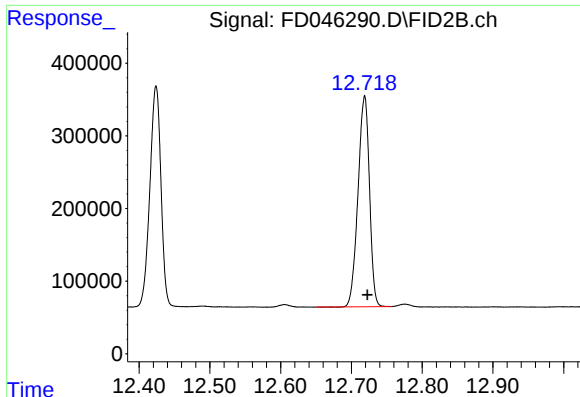
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.005 min
Response: 4071191
Conc: 23.31 ug/ml



#12 Fluoranthene (C21.85)

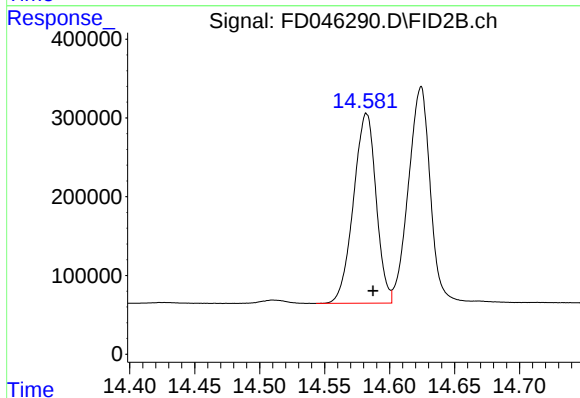
R.T.: 12.424 min
Delta R.T.: -0.005 min
Response: 3312466
Conc: 23.71 ug/ml



#13 Pyrene (C20.8)

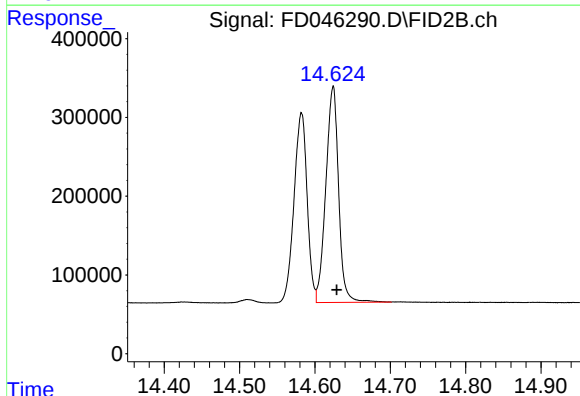
R.T.: 12.718 min
Delta R.T.: -0.004 min
Response: 3263449
Conc: 23.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



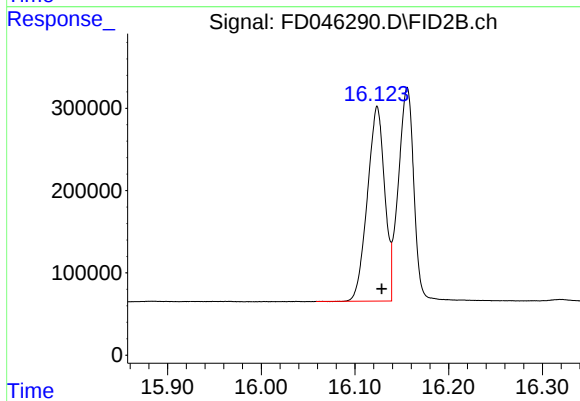
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.005 min
Response: 2921034
Conc: 22.25 ug/ml



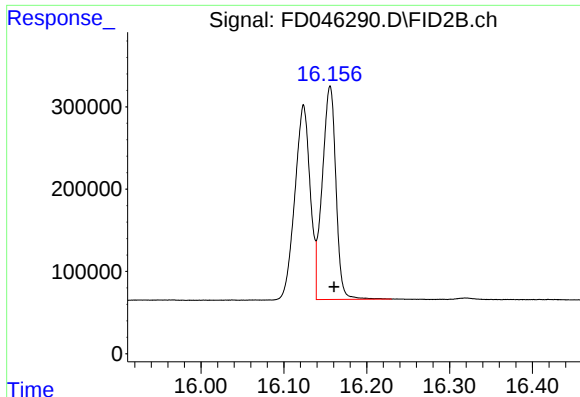
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3236386
Conc: 22.95 ug/ml



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

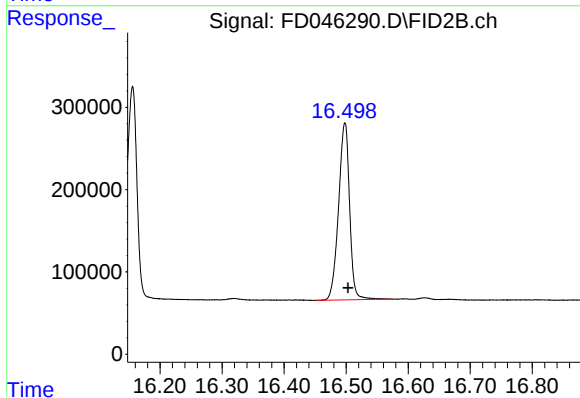
R.T.: 16.124 min
Delta R.T.: -0.005 min
Response: 3025039
Conc: 22.12 ug/ml



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

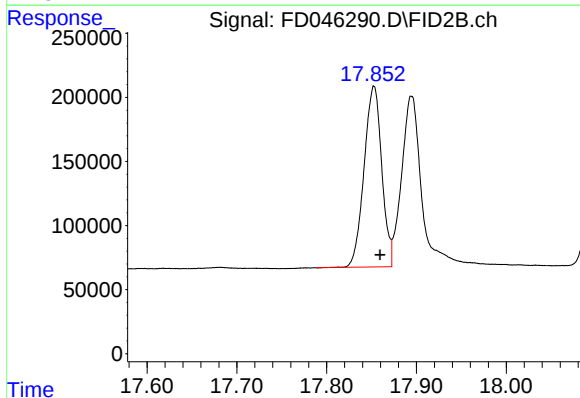
R.T.: 16.156 min
Delta R.T.: -0.005 min
Response: 2981930
Conc: 21.75 ug/ml

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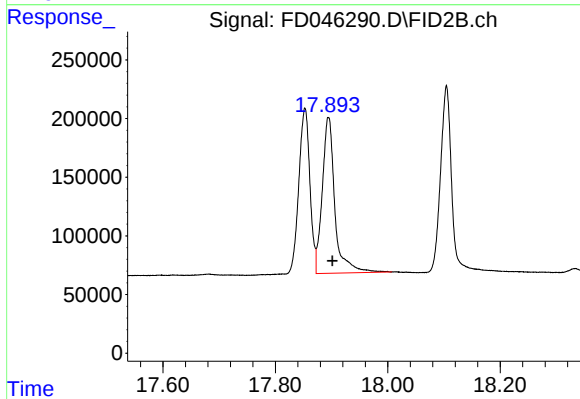
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2661165
Conc: 20.44 ug/ml



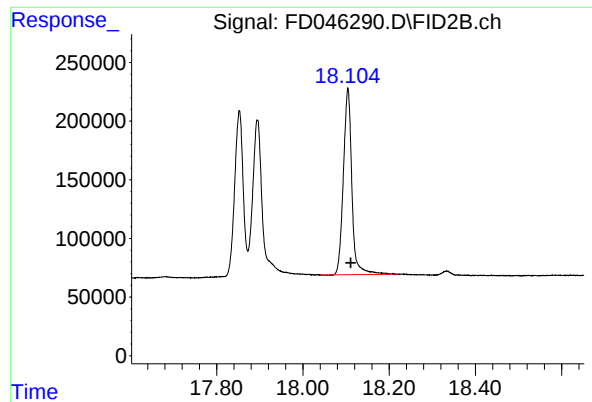
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.007 min
Response: 1926469
Conc: 16.02 ug/ml



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

R.T.: 17.894 min
Delta R.T.: -0.007 min
Response: 2073942
Conc: 16.22 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.007 min
Response: 2174216
Conc: 17.14 ug/ml

Instrument :

FID_D

ClientSampleId :

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