

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100323AR\
 Data File : FD046632.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 11:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 04 01:21:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.489	3684531	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
6) S 2-Fluorobiphenyl (SURR)	8.342	2395330	20.675 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.35%
11) S ortho-Terphenyl (SURR)	11.380	4237372	20.799 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	3877906	20.996 ug/ml
2) T Naphthalene (C11.7)	5.829	4033981	20.876 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4064917	20.976 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3683210	20.889 ug/ml
7) T Acenaphthene (C15.5)	8.441	3921390	20.870 ug/ml
8) T Flouorene (C16.55)	9.219	3782057	20.966 ug/ml
9) T Phenanthrene (C19.36)	10.608	3643474	20.722 ug/ml
10) T Anthracene (C19.43)	10.682	3452912	22.481 ug/ml
12) T Fluoranthene (C21.85)	12.410	3536530	20.749 ug/ml
13) T Pyrene (C20.8)	12.704	3419649	20.845 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2886887	20.675 ug/ml
15) T Chrysene (C27.41)	14.609	3063753	20.182 ug/ml
16) T benzo[b]fluoranthene ...	16.109	2864626	20.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2906966	20.985 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2781737	20.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	2642227	21.079 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	2739319	20.586 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	2740734	20.783 ug/ml

(f)=RT Delta > 1/2 Window

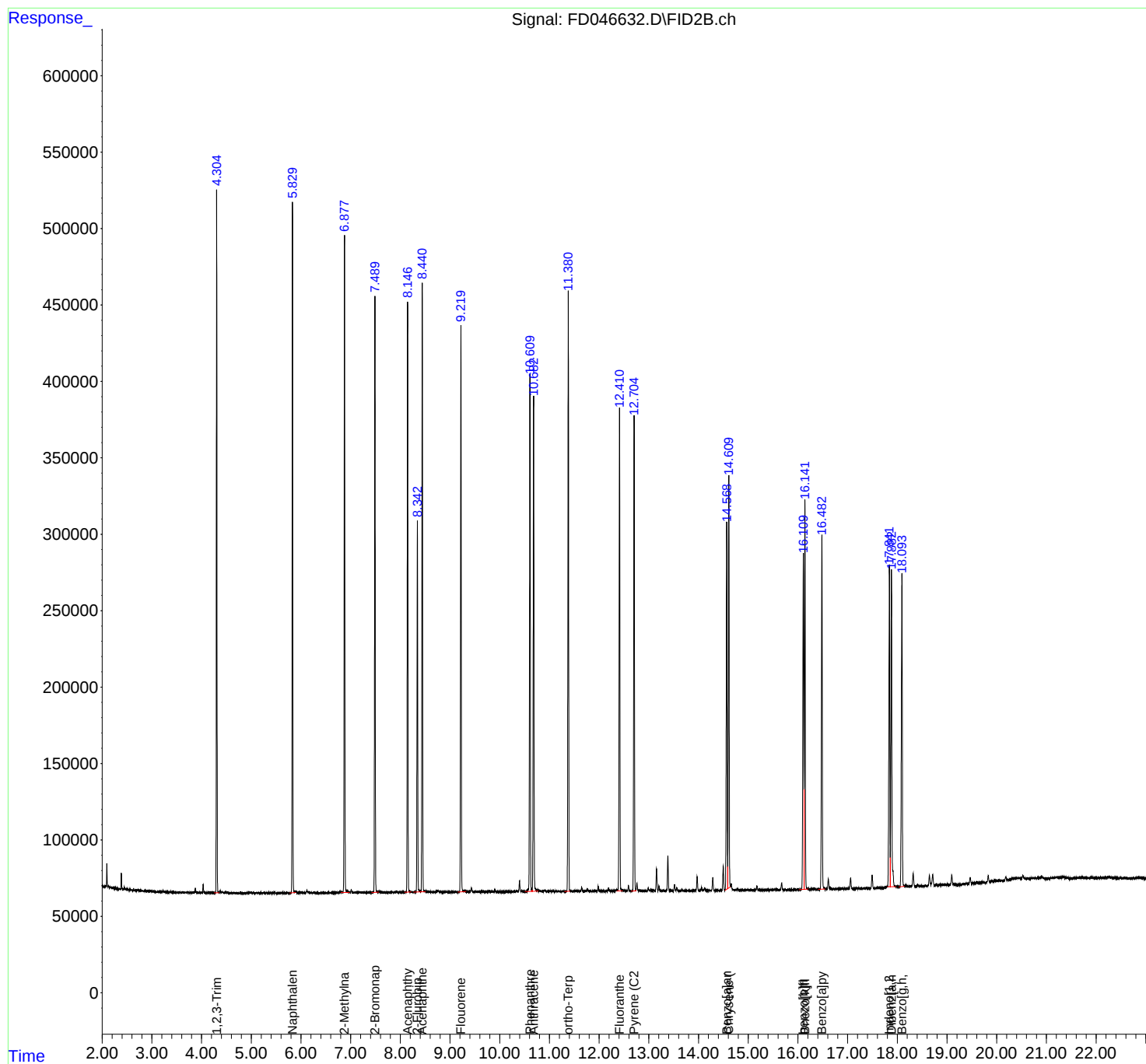
(m)=manual int.

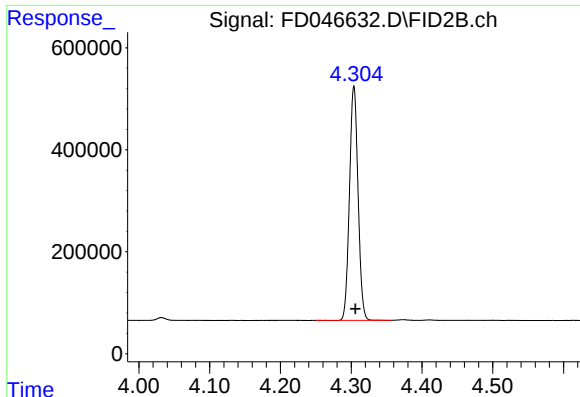
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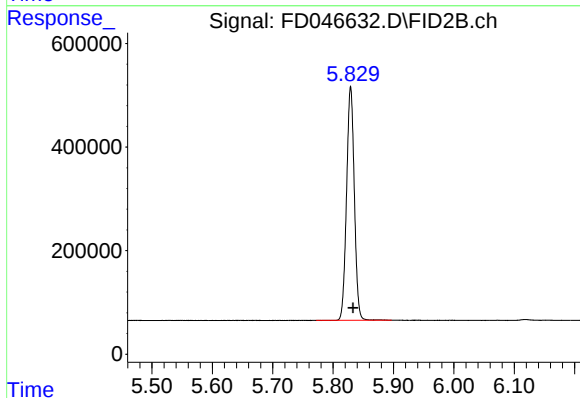




#1 1,2,3-Trimethylbenzene (C10.1)

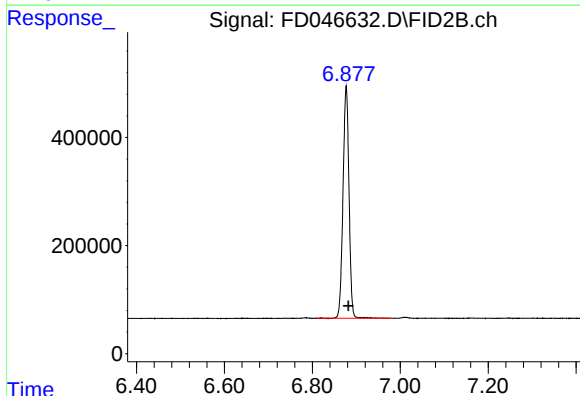
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 3877906
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



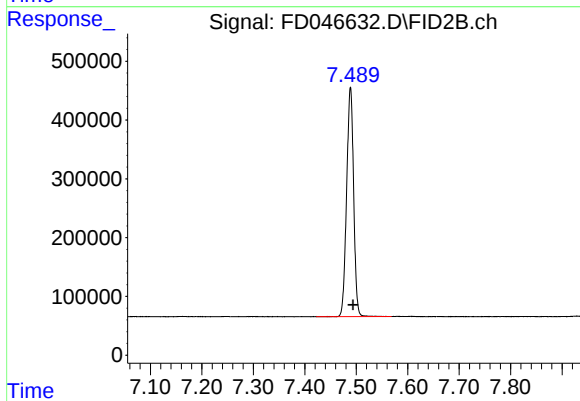
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4033981
Conc: 20.88 ug/ml



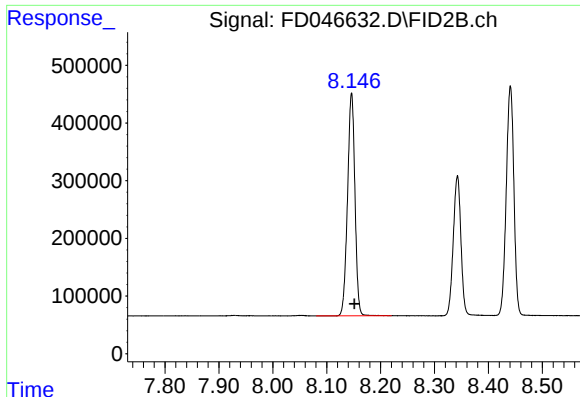
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 4064917
Conc: 20.98 ug/ml



#4 2-Bromonaphthalene (SURR)

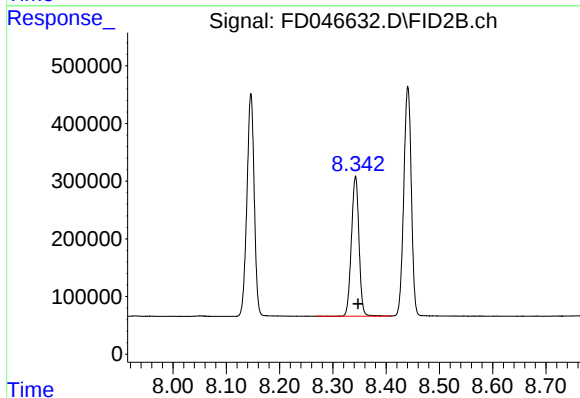
R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 3684531
Conc: 20.91 ug/ml



#5 Acenaphthylene (C15.06)

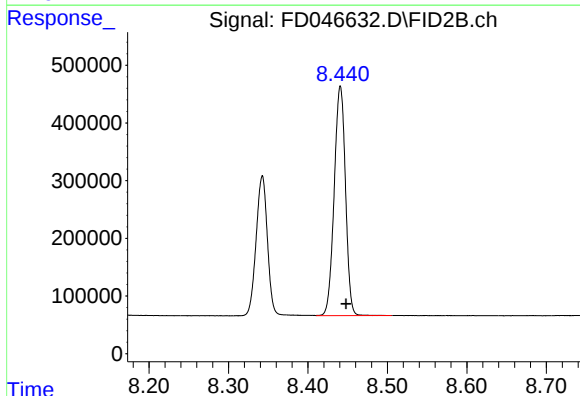
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3683210
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



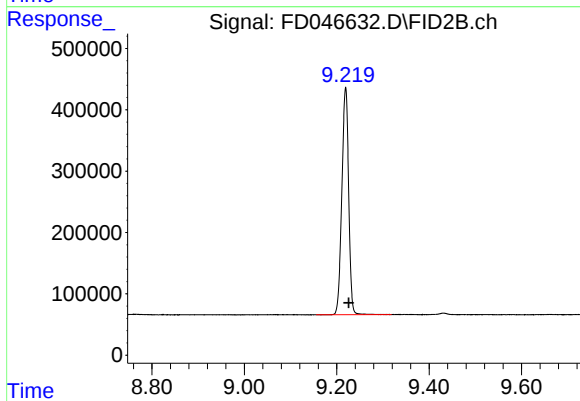
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2395330
Conc: 20.67 ug/ml



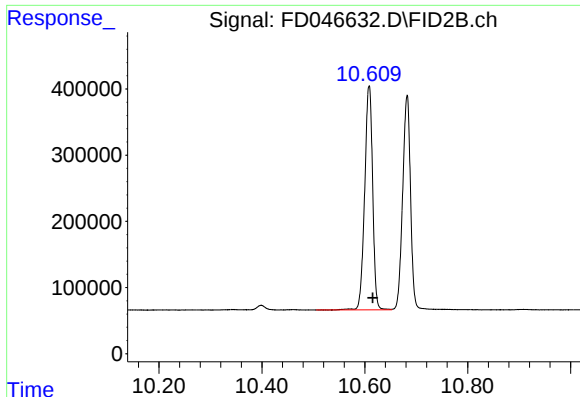
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 3921390
Conc: 20.87 ug/ml



#8 Fluorene (C16.55)

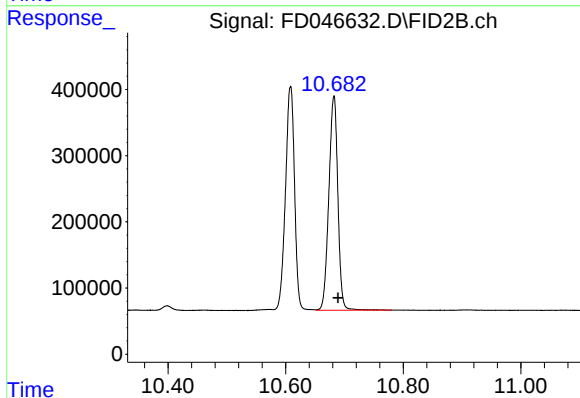
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3782057
Conc: 20.97 ug/ml



#9 Phenanthrene (C19.36)

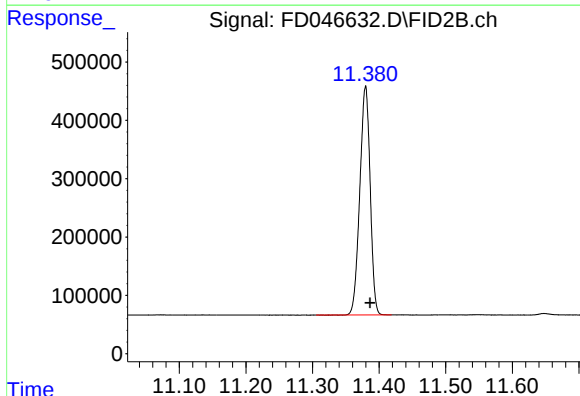
R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 3643474
Conc: 20.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



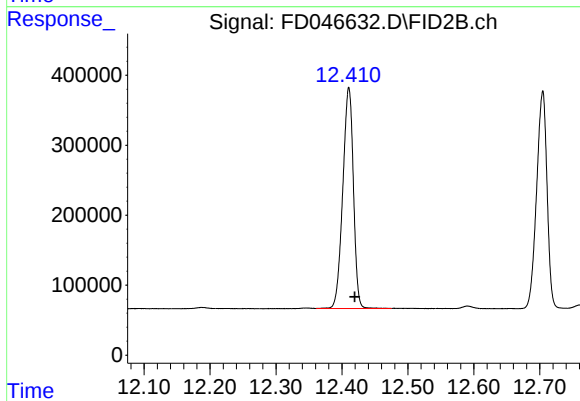
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.008 min
Response: 3452912
Conc: 22.48 ug/ml



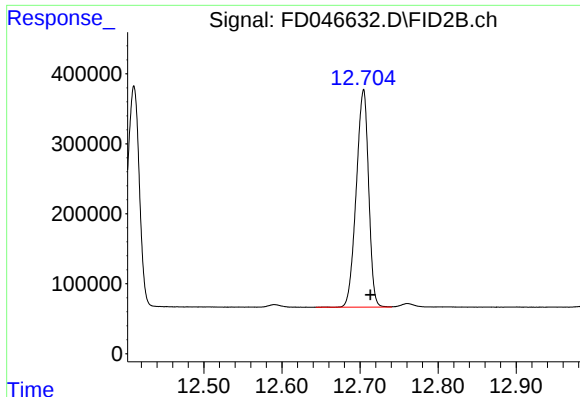
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4237372
Conc: 20.80 ug/ml



#12 Fluoranthene (C21.85)

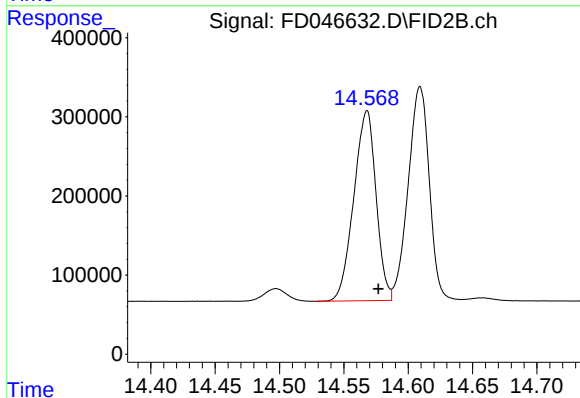
R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 3536530
Conc: 20.75 ug/ml



#13 Pyrene (C20.8)

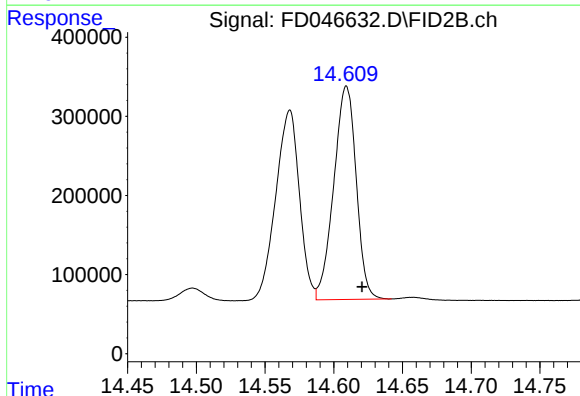
R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 3419649
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



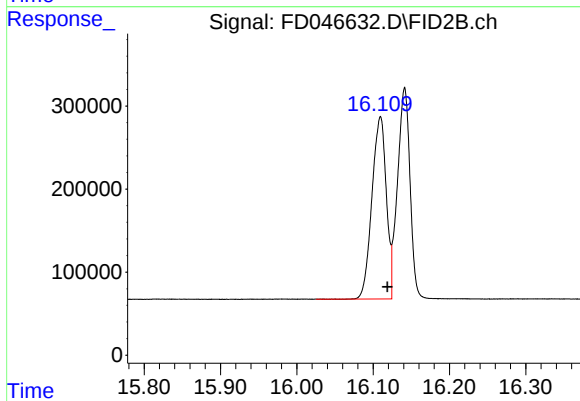
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 2886887
Conc: 20.67 ug/ml



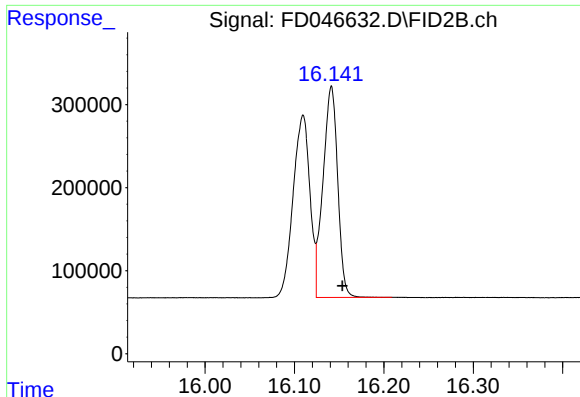
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.012 min
Response: 3063753
Conc: 20.18 ug/ml



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

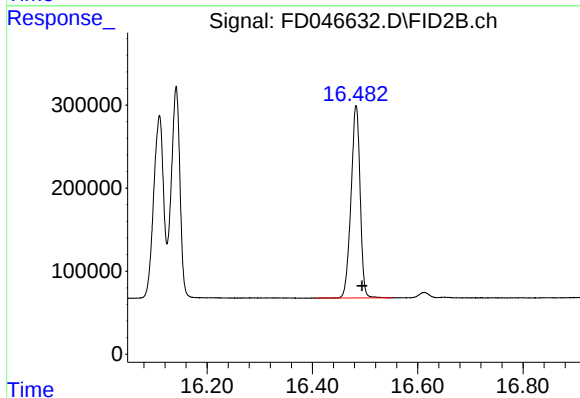
R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 2864626
Conc: 20.88 ug/ml



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

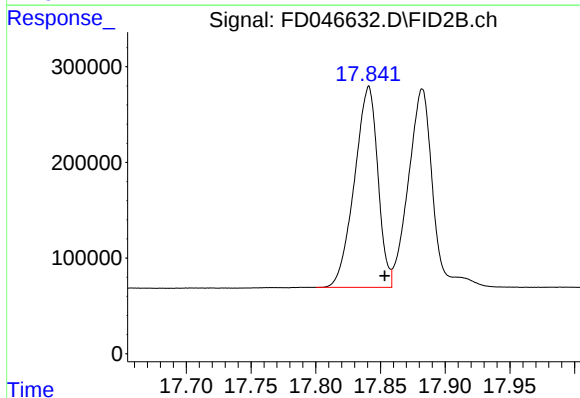
R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2906966
Conc: 20.99 ug/ml

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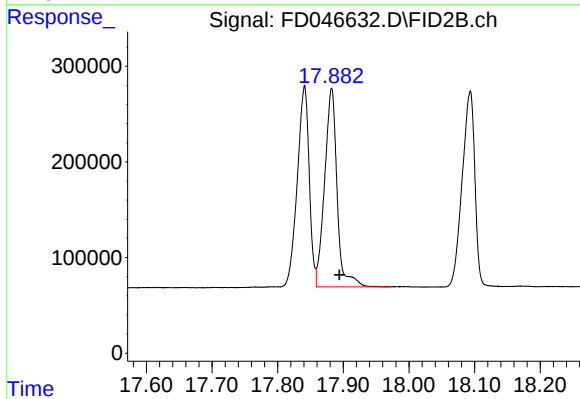
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2781737
Conc: 20.79 ug/ml



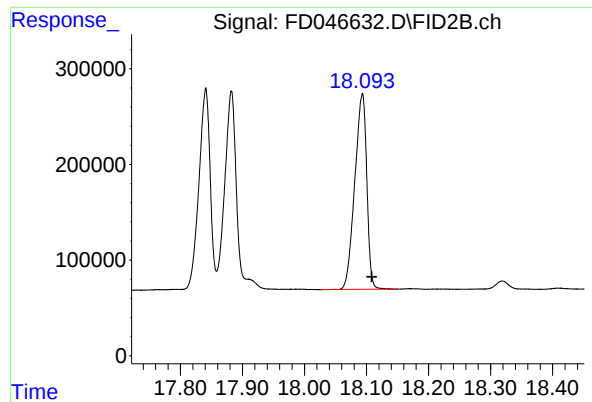
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: -0.013 min
Response: 2642227
Conc: 21.08 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 2739319
Conc: 20.59 ug/ml



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

R.T.: 18.093 min
Delta R.T.: -0.015 min
Response: 2740734
Conc: 20.78 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD