

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046432.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 19:03
 Operator : YP/AJ
 Sample : PB155329BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155329BSD

Integration File: autoint1.e
 Quant Time: Sep 06 00:12:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.495	7049231	41.740 ug/ml
Spiked Amount 50.000		Recovery =	83.48%
6) S 2-Fluorobiphenyl (SURR)	8.349	4651852	41.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.60%
11) S ortho-Terphenyl (SURR)	11.388	8478508	43.229 ug/ml
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	6020523	34.262 ug/ml
2) T Naphthalene (C11.7)	5.833	7055058	38.279 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	7383285	39.765 ug/ml
5) T Acenaphthylene (C15.06)	8.154	7895918	46.398 ug/ml
7) T Acenaphthene (C15.5)	8.450	7830774	43.466 ug/ml
8) T Fluorene (C16.55)	9.228	8158406	46.648 ug/ml
9) T Phenanthrene (C19.36)	10.618	8361565	48.734 ug/ml
10) T Anthracene (C19.43)	10.694	8255461	48.937 ug/ml
12) T Fluoranthene (C21.85)	12.422	8496184	51.068 ug/ml
13) T Pyrene (C20.8)	12.717	8548943	53.042 ug/ml
14) T Benzo[a]anthracene (C...	14.582	7866123	55.912 ug/ml
15) T Chrysene (C27.41)	14.626	7868685	53.047 ug/ml
16) T benzo[b]fluoranthene ...	16.124	7484173	55.079 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	7445178	54.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	6948279	52.734 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	6914890	55.437 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	6591681	52.604 ug/ml
21) T Benzo[g,h,i]perylene ...	18.112	6630229	51.701 ug/ml

(f)=RT Delta > 1/2 Window

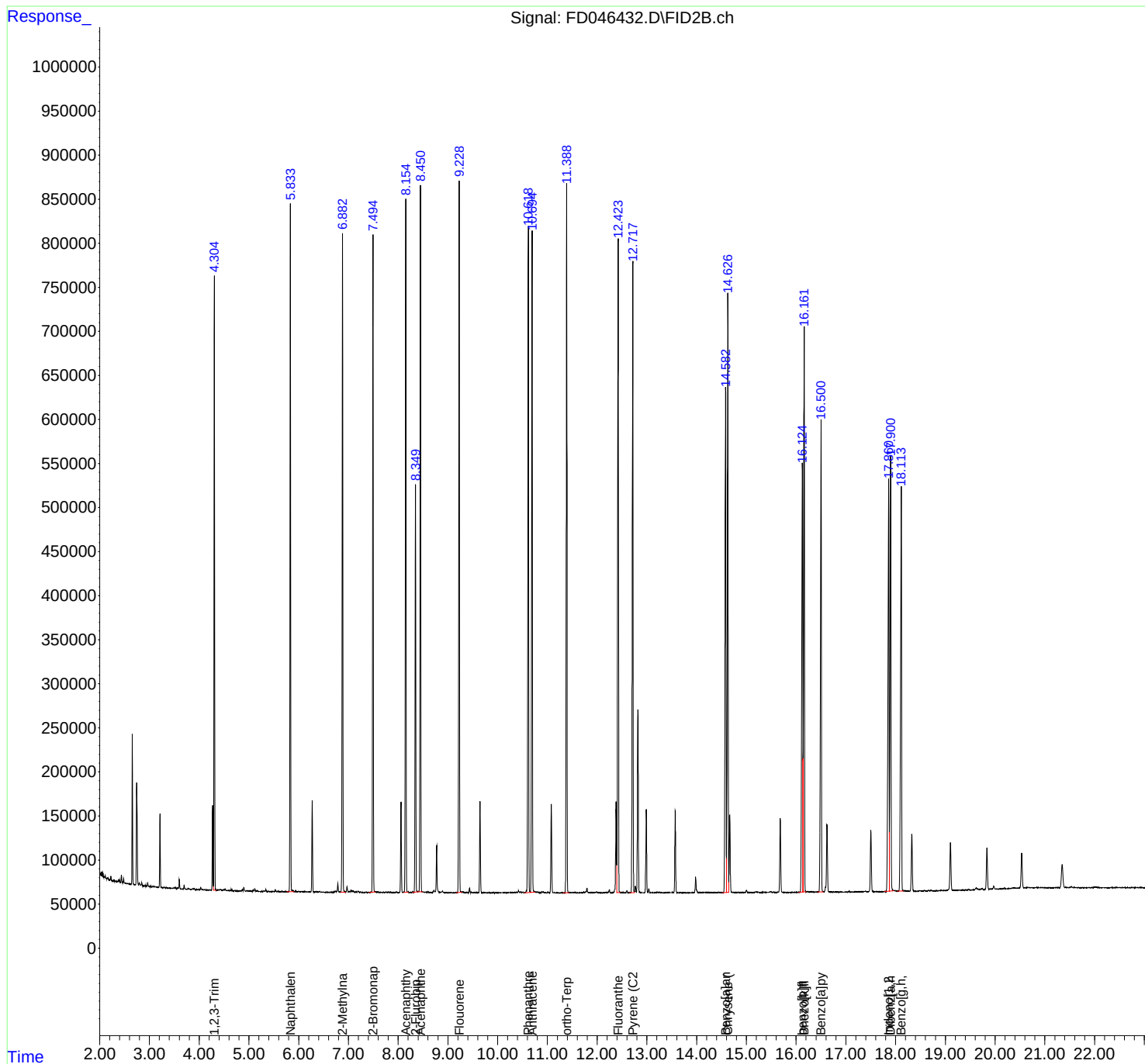
(m)=manual int.

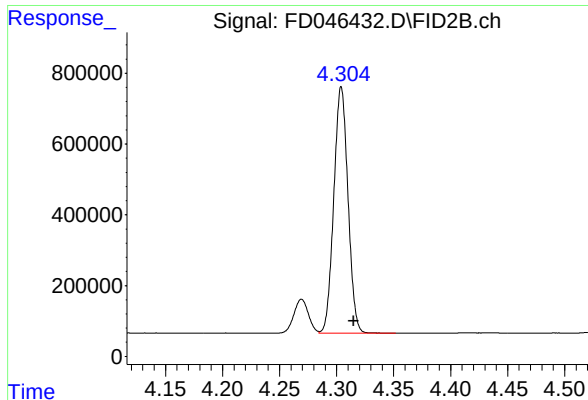
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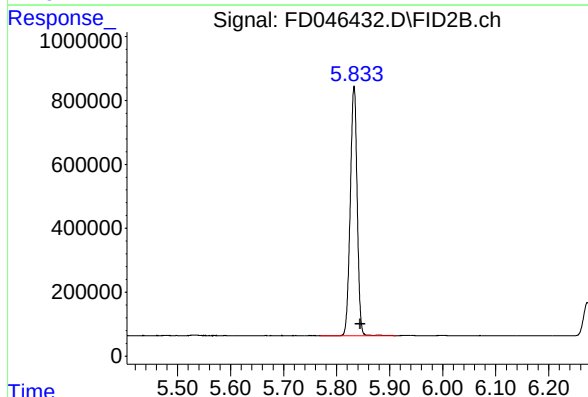




#1 1,2,3-Trimethylbenzene (C10.1)

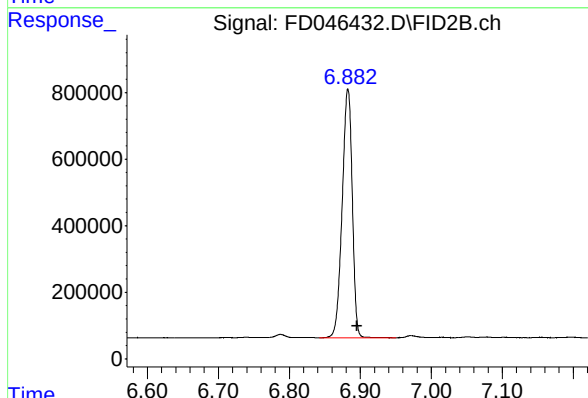
R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 6020523
Conc: 34.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BSD



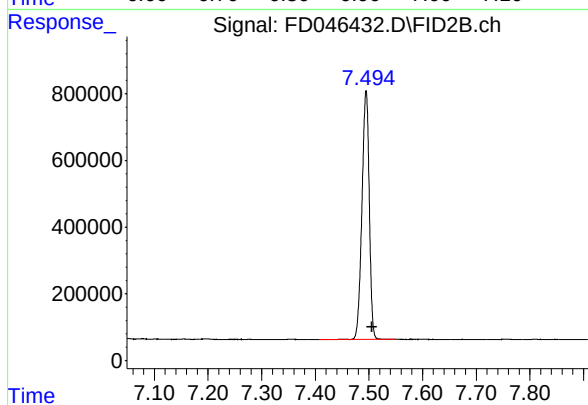
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.012 min
Response: 7055058
Conc: 38.28 ug/ml



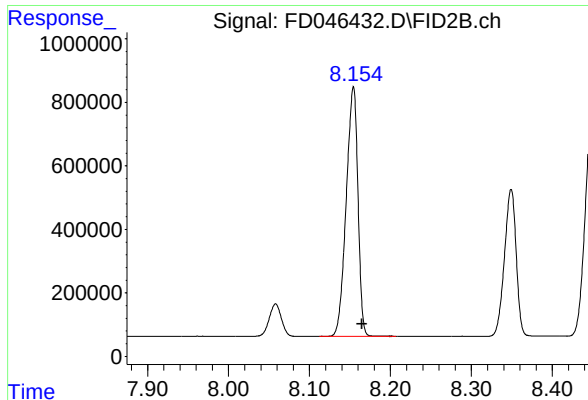
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: -0.013 min
Response: 7383285
Conc: 39.76 ug/ml



#4 2-Bromonaphthalene (SURR)

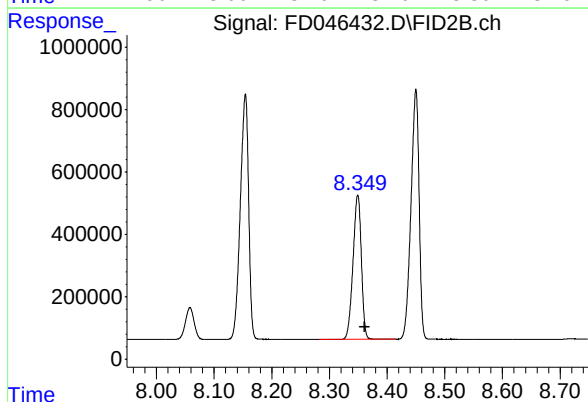
R.T.: 7.495 min
Delta R.T.: -0.011 min
Response: 7049231
Conc: 41.74 ug/ml



#5 Acenaphthylene (C15.06)

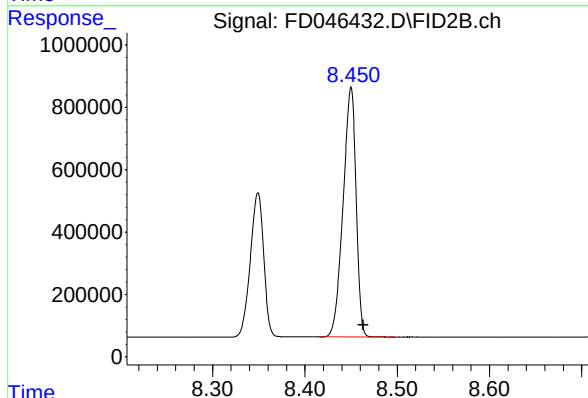
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 7895918
Conc: 46.40 ug/ml

Instrument :
FID_D
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PB155329BSD



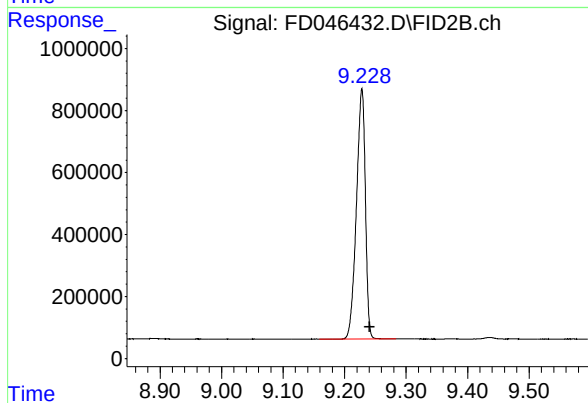
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.349 min
Delta R.T.: -0.012 min
Response: 4651852
Conc: 41.80 ug/ml



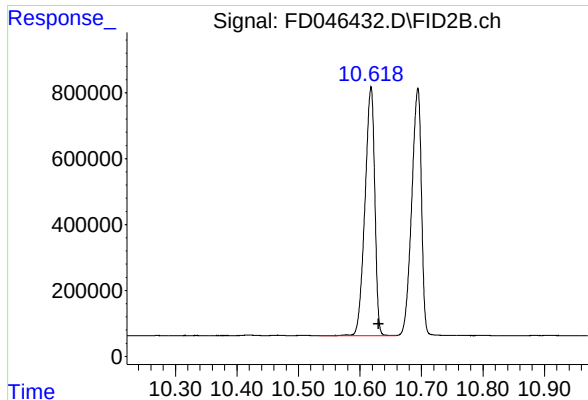
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.014 min
Response: 7830774
Conc: 43.47 ug/ml



#8 Flouorene (C16.55)

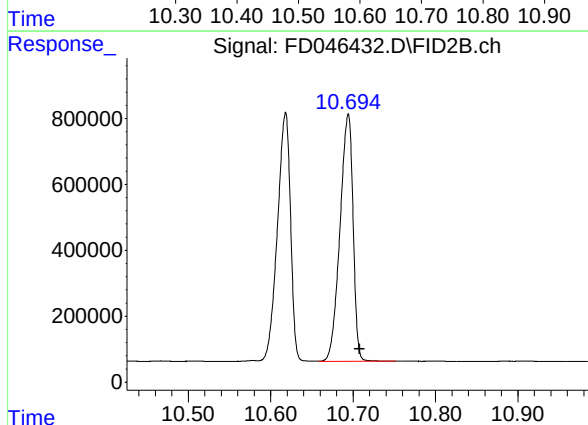
R.T.: 9.228 min
Delta R.T.: -0.013 min
Response: 8158406
Conc: 46.65 ug/ml



#9 Phenanthrene (C19.36)

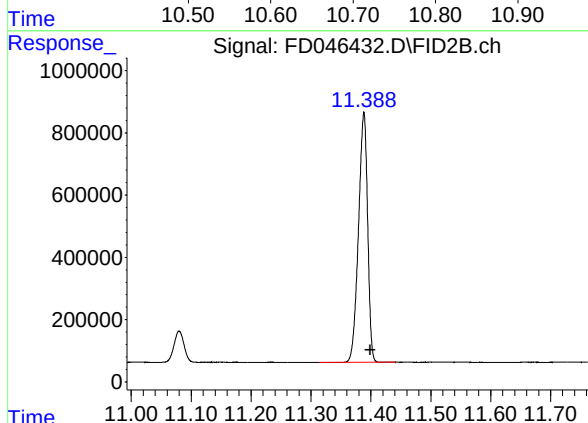
R.T.: 10.618 min
Delta R.T.: -0.013 min
Response: 8361565
Conc: 48.73 ug/ml

Instrument :
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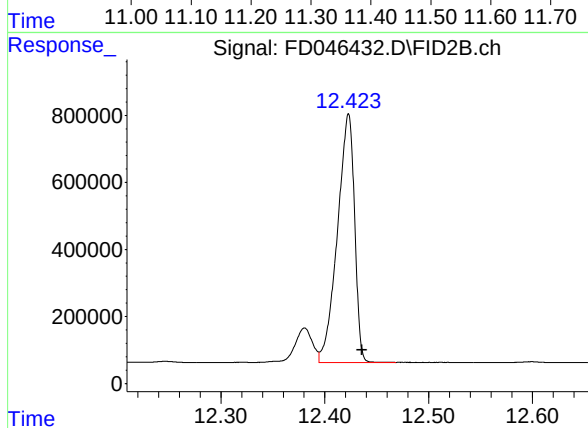
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.014 min
Response: 8255461
Conc: 48.94 ug/ml



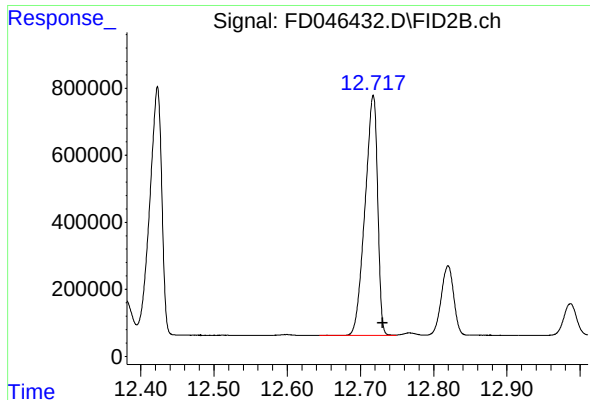
#11 ortho-Terphenyl (SURRE)

R.T.: 11.388 min
Delta R.T.: -0.011 min
Response: 8478508
Conc: 43.23 ug/ml



#12 Fluoranthene (C21.85)

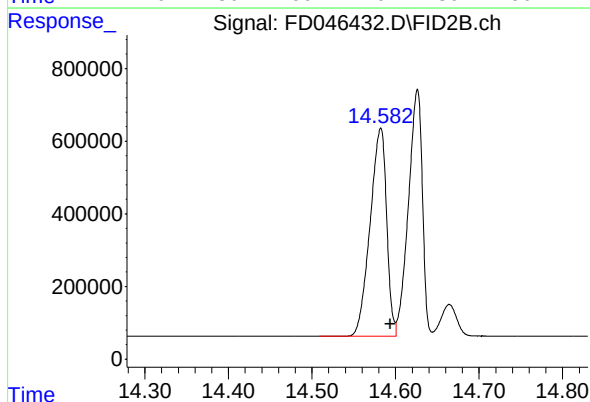
R.T.: 12.422 min
Delta R.T.: -0.013 min
Response: 8496184
Conc: 51.07 ug/ml



#13 Pyrene (C20.8)

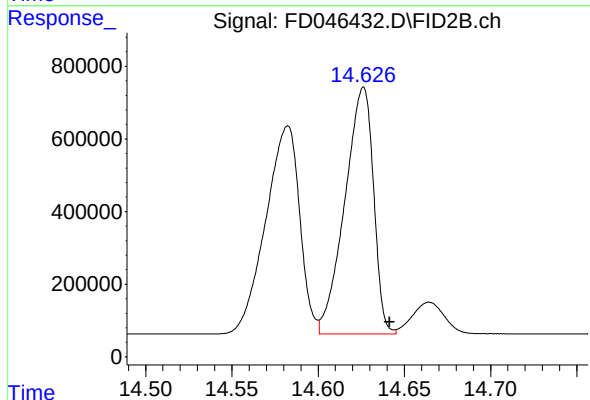
R.T.: 12.717 min
Delta R.T.: -0.014 min
Response: 8548943
Conc: 53.04 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BSD



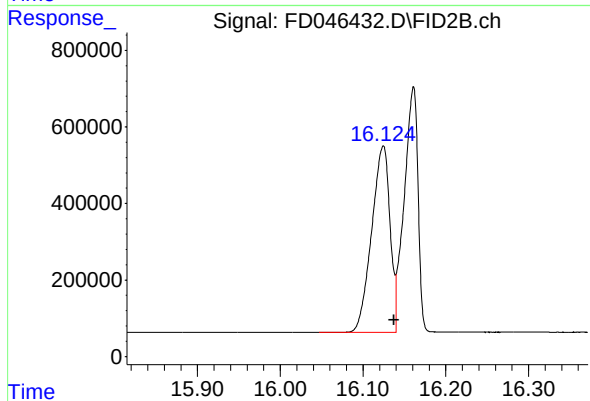
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.012 min
Response: 7866123
Conc: 55.91 ug/ml



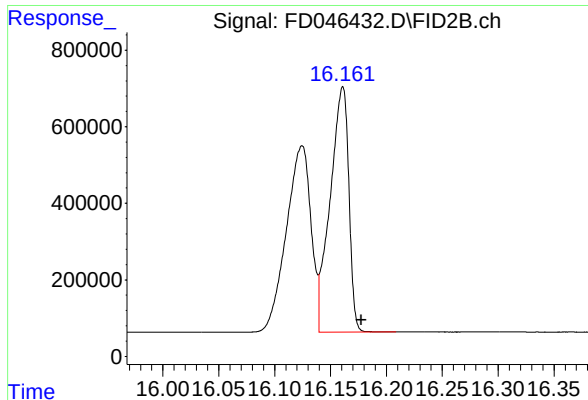
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: -0.016 min
Response: 7868685
Conc: 53.05 ug/ml



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

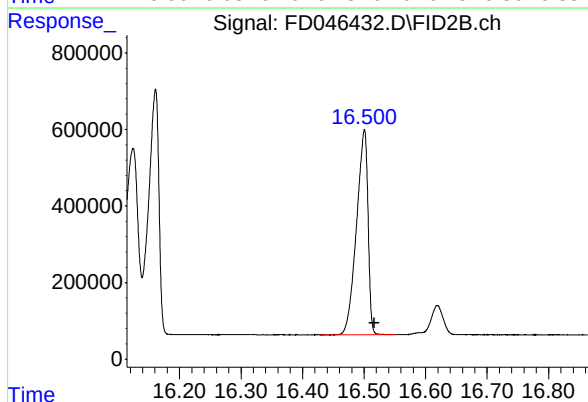
R.T.: 16.124 min
Delta R.T.: -0.014 min
Response: 7484173
Conc: 55.08 ug/ml



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

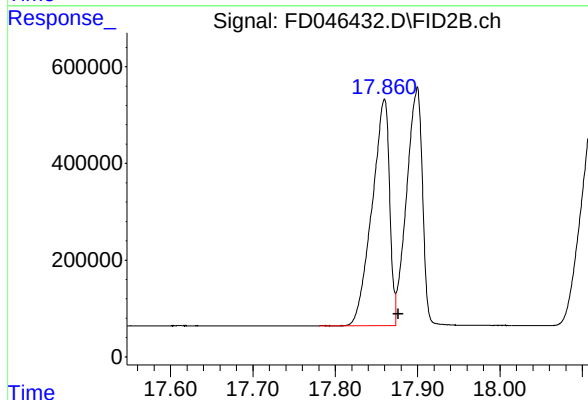
R.T.: 16.160 min
Delta R.T.: -0.017 min
Response: 7445178
Conc: 54.88 ug/ml

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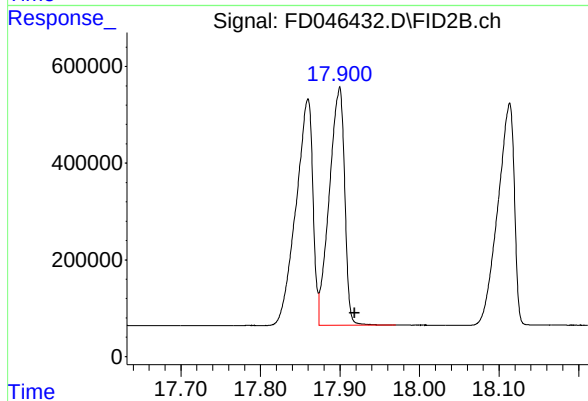
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.017 min
Response: 6948279
Conc: 52.73 ug/ml



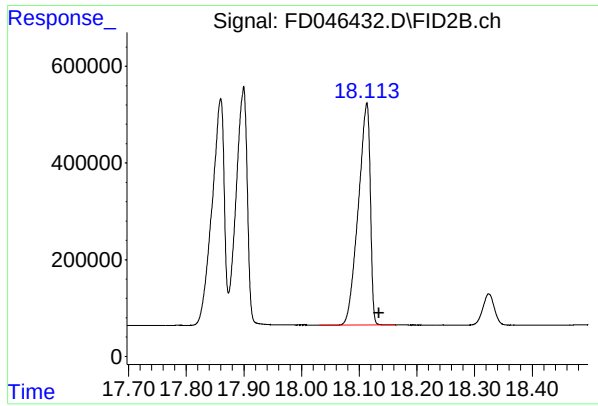
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: -0.018 min
Response: 6914890
Conc: 55.44 ug/ml



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

R.T.: 17.899 min
Delta R.T.: -0.020 min
Response: 6591681
Conc: 52.60 ug/ml



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

R.T.: 18.112 min
Delta R.T.: -0.022 min
Response: 6630229
Conc: 51.70 ug/ml

Instrument :
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ClientSampleId :
PB155329BSD