

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042286.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 5:02
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: May 04 05:23:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.347	2752616	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
6) S 2-Fluorobiphenyl (SURR)	8.199	1585754	22.255 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.51%
11) S ortho-Terphenyl (SURR)	11.223	3335209	19.242 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	3181168	20.434 ug/ml
2) T Naphthalene (C11.7)	5.691	3110179	19.716 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	2735327	18.916 ug/ml
5) T Acenaphthylene (C15.06)	7.998	3187445	19.341 ug/ml
7) T Acenaphthene (C15.5)	8.290	3489330	18.586 ug/ml
8) T Flouorene (C16.55)	9.069	3078638	20.212 ug/ml
9) T Phenanthrene (C19.36)	10.457	2920474	19.668 ug/ml
10) T Anthracene (C19.43)	10.532	3054061	18.243 ug/ml
12) T Fluoranthene (C21.85)	12.259	3007093	19.171 ug/ml
13) T Pyrene (C20.8)	12.552	3073431	18.843 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2567212	21.462 ug/ml
15) T Chrysene (C27.41)	14.463	3297250	17.972 ug/ml
16) T benzo[b]fluoranthene ...	15.971	2796826	21.301 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	3208033	18.556 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.350	2842981	19.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	2357445	23.619 ug/ml
20) T Dibenz[a,h]anthracene...	17.753	3259966	20.770 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	2872609	20.742 ug/ml

(f)=RT Delta > 1/2 Window

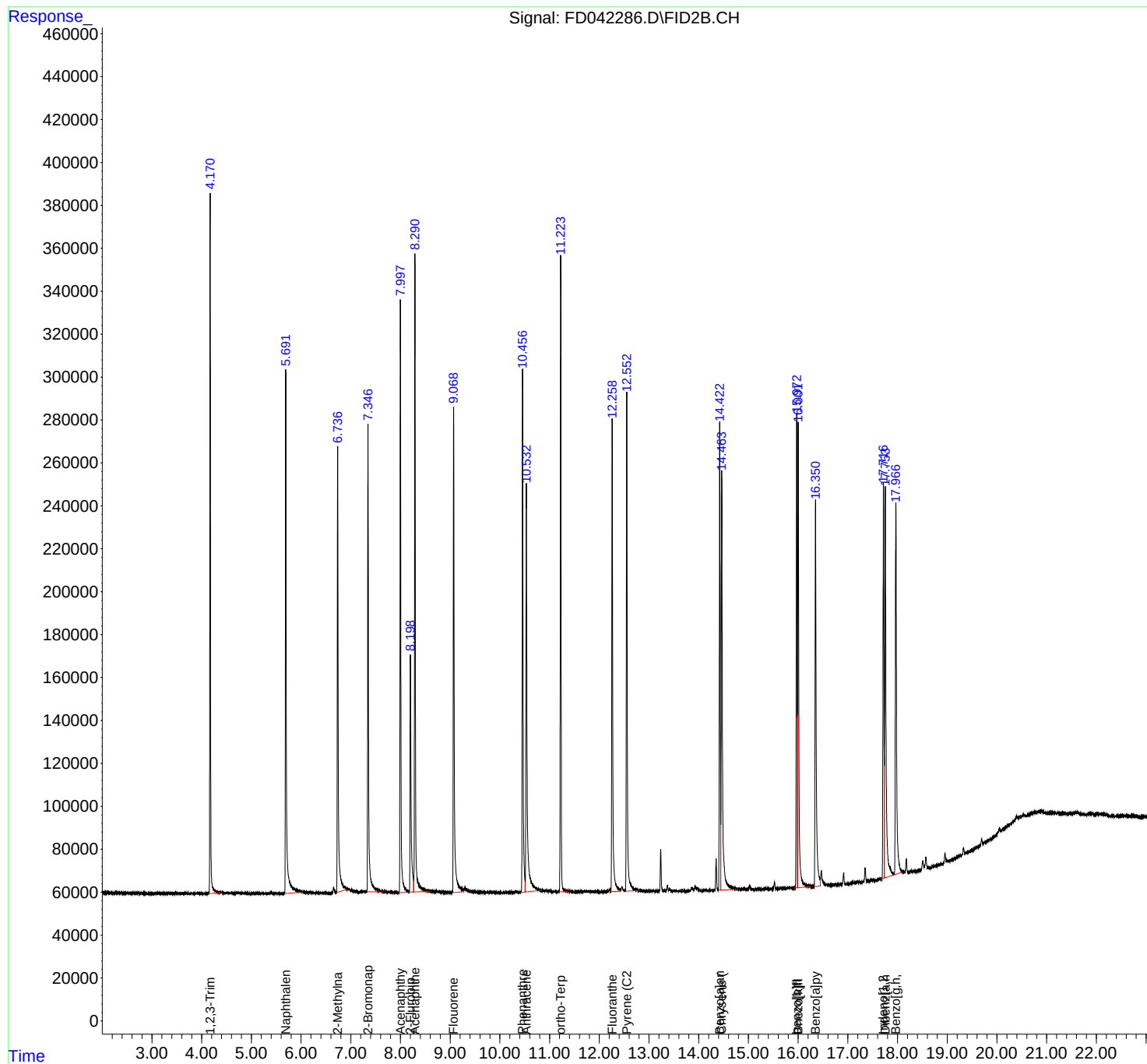
(m)=manual int.

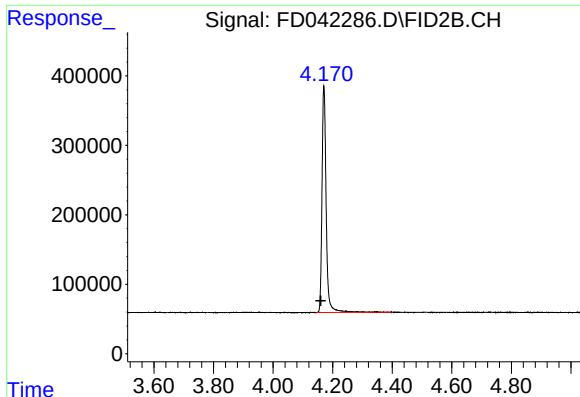
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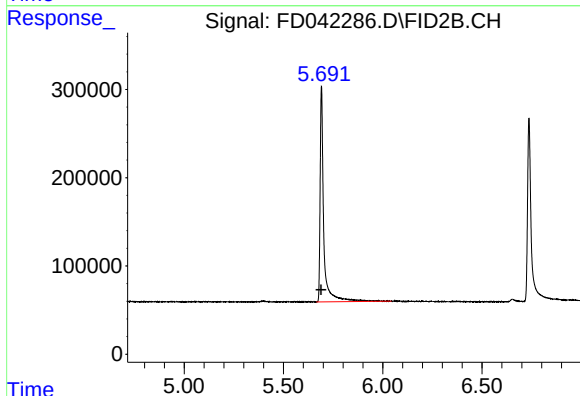




#1 1,2,3-Trimethylbenzene (C10.1)

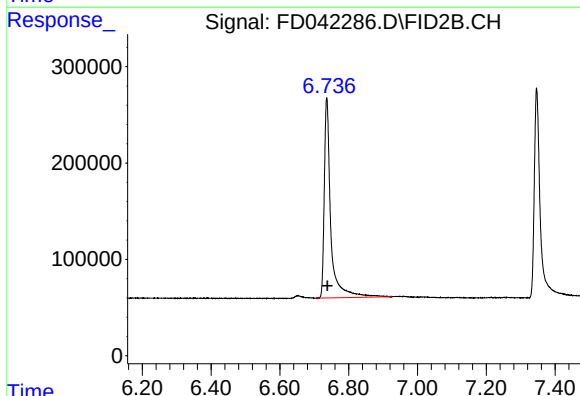
R.T.: 4.171 min
Delta R.T.: 0.011 min
Response: 3181168
Conc: 20.43 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



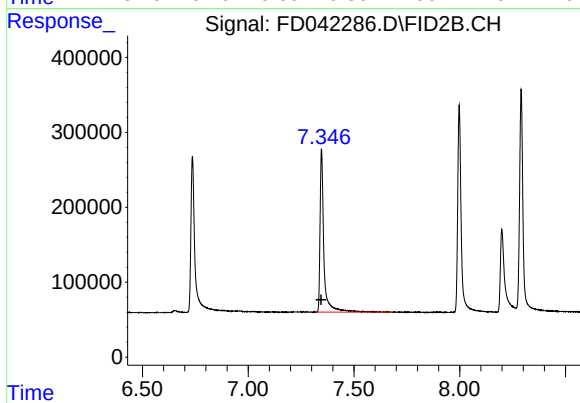
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 3110179
Conc: 19.72 ug/ml



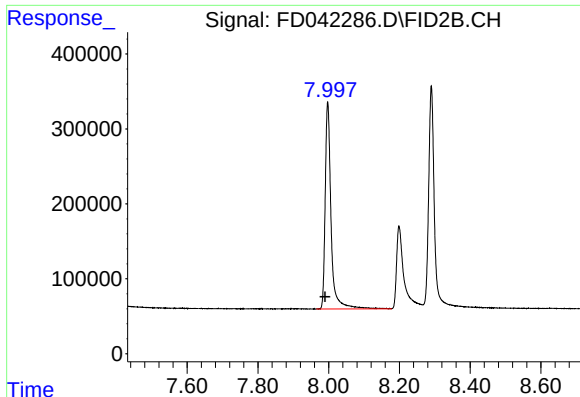
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.001 min
Response: 2735327
Conc: 18.92 ug/ml



#4 2-Bromonaphthalene (SURR)

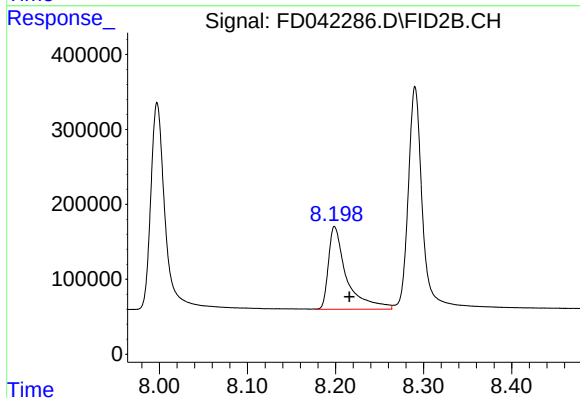
R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 2752616
Conc: 19.64 ug/ml



#5 Acenaphthylene (C15.06)

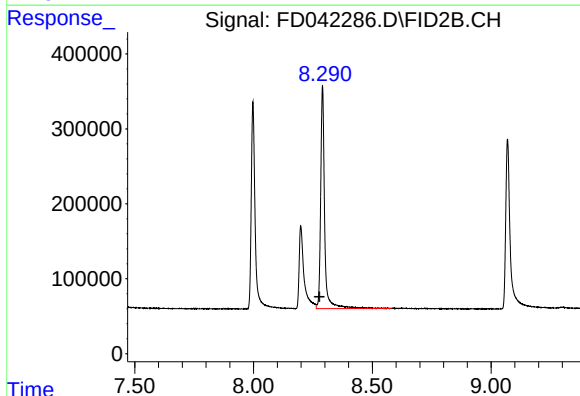
R.T.: 7.998 min
Delta R.T.: 0.008 min
Response: 3187445
Conc: 19.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



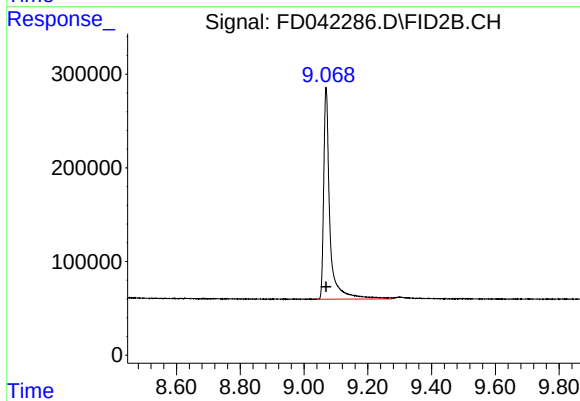
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.016 min
Response: 1585754
Conc: 22.26 ug/ml



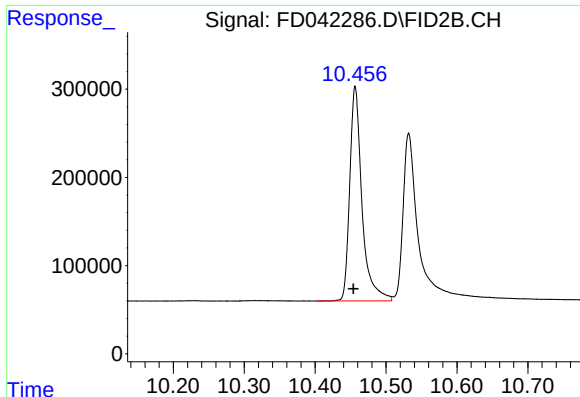
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: 0.012 min
Response: 3489330
Conc: 18.59 ug/ml



#8 Fluorene (C16.55)

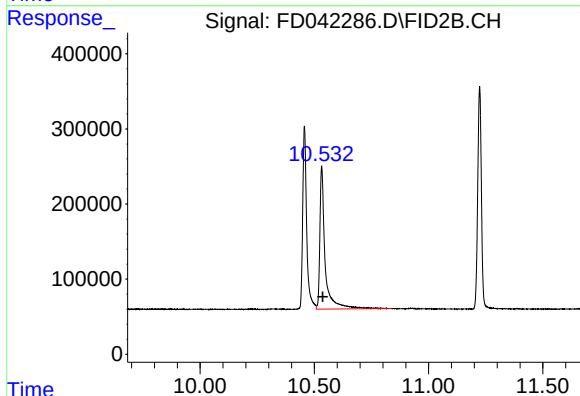
R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 3078638
Conc: 20.21 ug/ml



#9 Phenanthrene (C19.36)

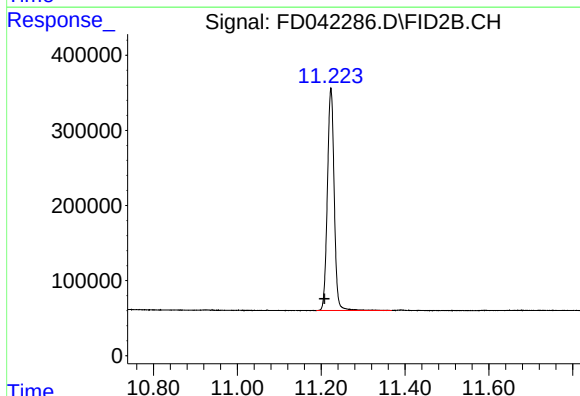
R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 2920474
Conc: 19.67 ug/ml

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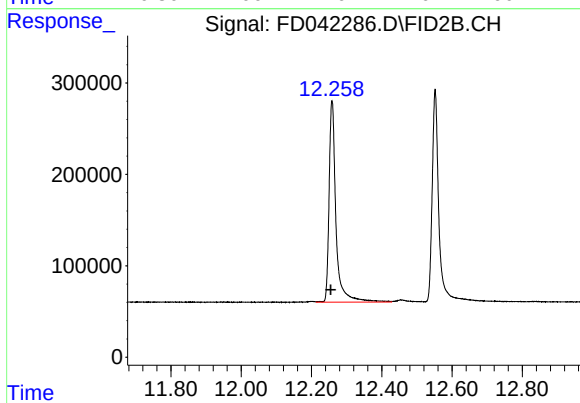
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.004 min
Response: 3054061
Conc: 18.24 ug/ml



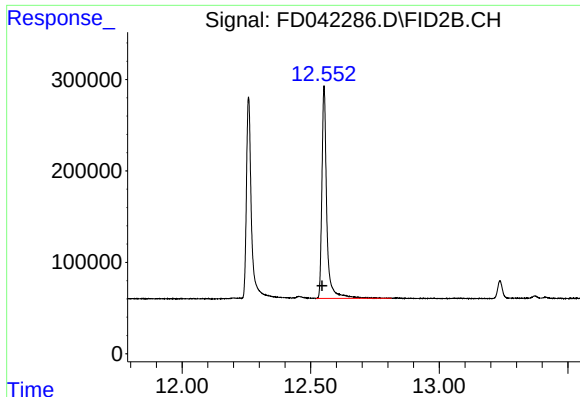
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: 0.015 min
Response: 3335209
Conc: 19.24 ug/ml



#12 Fluoranthene (C21.85)

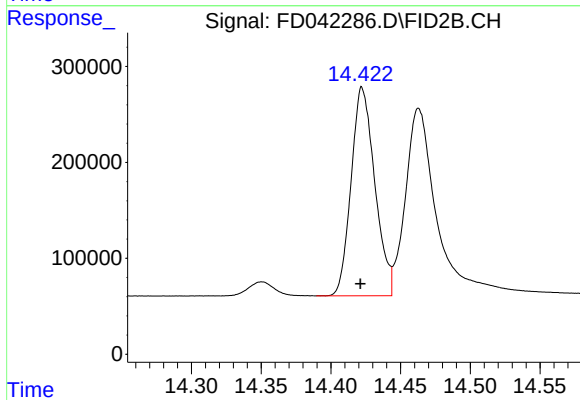
R.T.: 12.259 min
Delta R.T.: 0.004 min
Response: 3007093
Conc: 19.17 ug/ml



#13 Pyrene (C20.8)

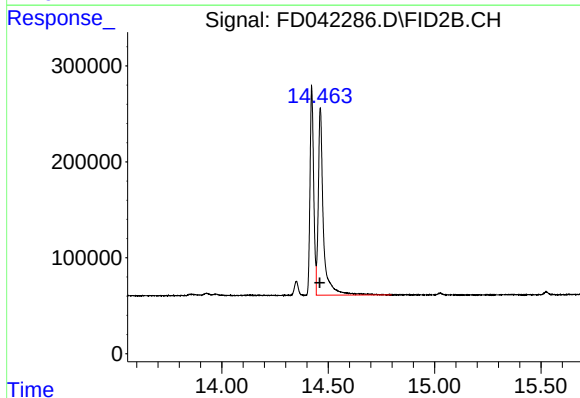
R.T.: 12.552 min
Delta R.T.: 0.007 min
Response: 3073431
Conc: 18.84 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



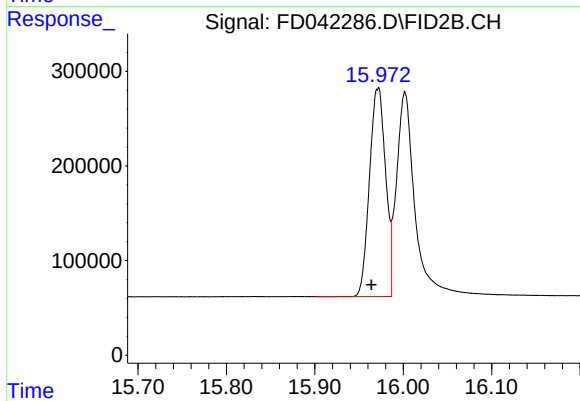
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: 0.002 min
Response: 2567212
Conc: 21.46 ug/ml



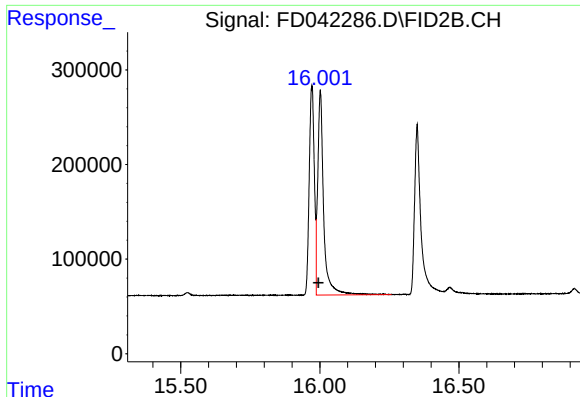
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: 0.003 min
Response: 3297250
Conc: 17.97 ug/ml



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

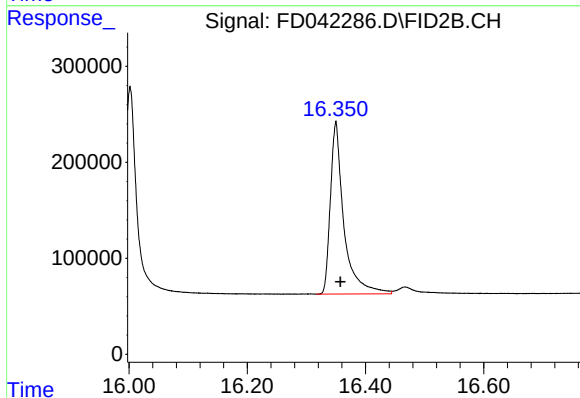
R.T.: 15.971 min
Delta R.T.: 0.007 min
Response: 2796826
Conc: 21.30 ug/ml



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

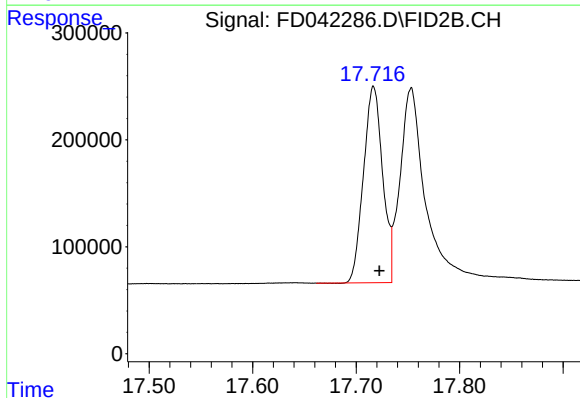
R.T.: 16.002 min
Delta R.T.: 0.007 min
Response: 3208033
Conc: 18.56 ug/ml

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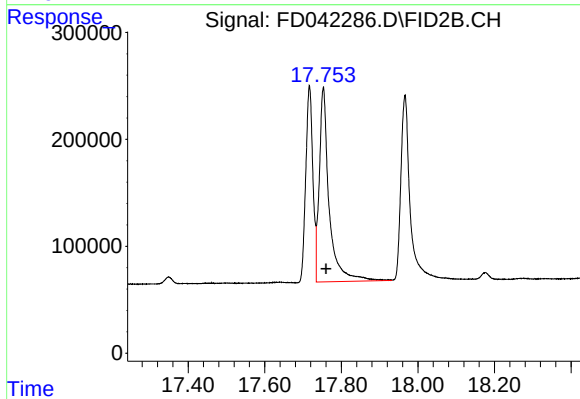
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.350 min
Delta R.T.: -0.008 min
Response: 2842981
Conc: 19.27 ug/ml



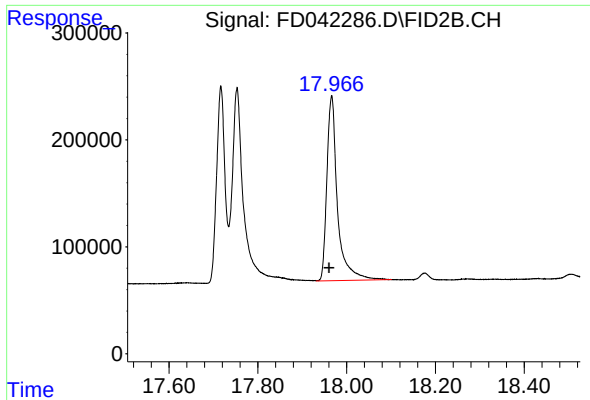
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.006 min
Response: 2357445
Conc: 23.62 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.008 min
Response: 3259966
Conc: 20.77 ug/ml



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

R.T.: 17.966 min
Delta R.T.: 0.006 min
Response: 2872609
Conc: 20.74 ug/ml

Instrument :
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