

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048335.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2024 21:15
 Operator : YP/AJ
 Sample : PB163524BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163524BS

Integration File: autoint1.e
 Quant Time: Sep 20 05:21:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.388	8291148	54.669 ug/ml
Spiked Amount 50.000		Recovery =	109.34%
6) S 2-Fluorobiphenyl (SURR)	8.239	5213448	54.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.13%
11) S ortho-Terphenyl (SURR)	11.275	7587038	44.221 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.209	6971760	39.521 ug/ml
2) T Naphthalene (C11.7)	5.728	7776370	43.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	7961008	44.498 ug/ml
5) T Acenaphthylene (C15.06)	8.042	8240156	47.164 ug/ml
7) T Acenaphthene (C15.5)	8.338	8147127	45.808 ug/ml
8) T Fluorene (C16.55)	9.116	8342490	49.821 ug/ml
9) T Phenanthrene (C19.36)	10.504	8446955	52.320 ug/ml
10) T Anthracene (C19.43)	10.579	8311982	52.234 ug/ml
12) T Fluoranthene (C21.85)	12.309	10071125	62.124 ug/ml
13) T Pyrene (C20.8)	12.602	8800838	54.889 ug/ml
14) T Benzo[a]anthracene (C...	14.471	8097035	57.804 ug/ml
15) T Chrysene (C27.41)	14.515	8165886	49.575 ug/ml
16) T benzo[b]fluoranthene ...	16.019	8103685	54.542 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	8312678	53.973 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	7797682	52.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	6996685	61.921 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	7356432	48.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	6760388	45.863 ug/ml

(f)=RT Delta > 1/2 Window

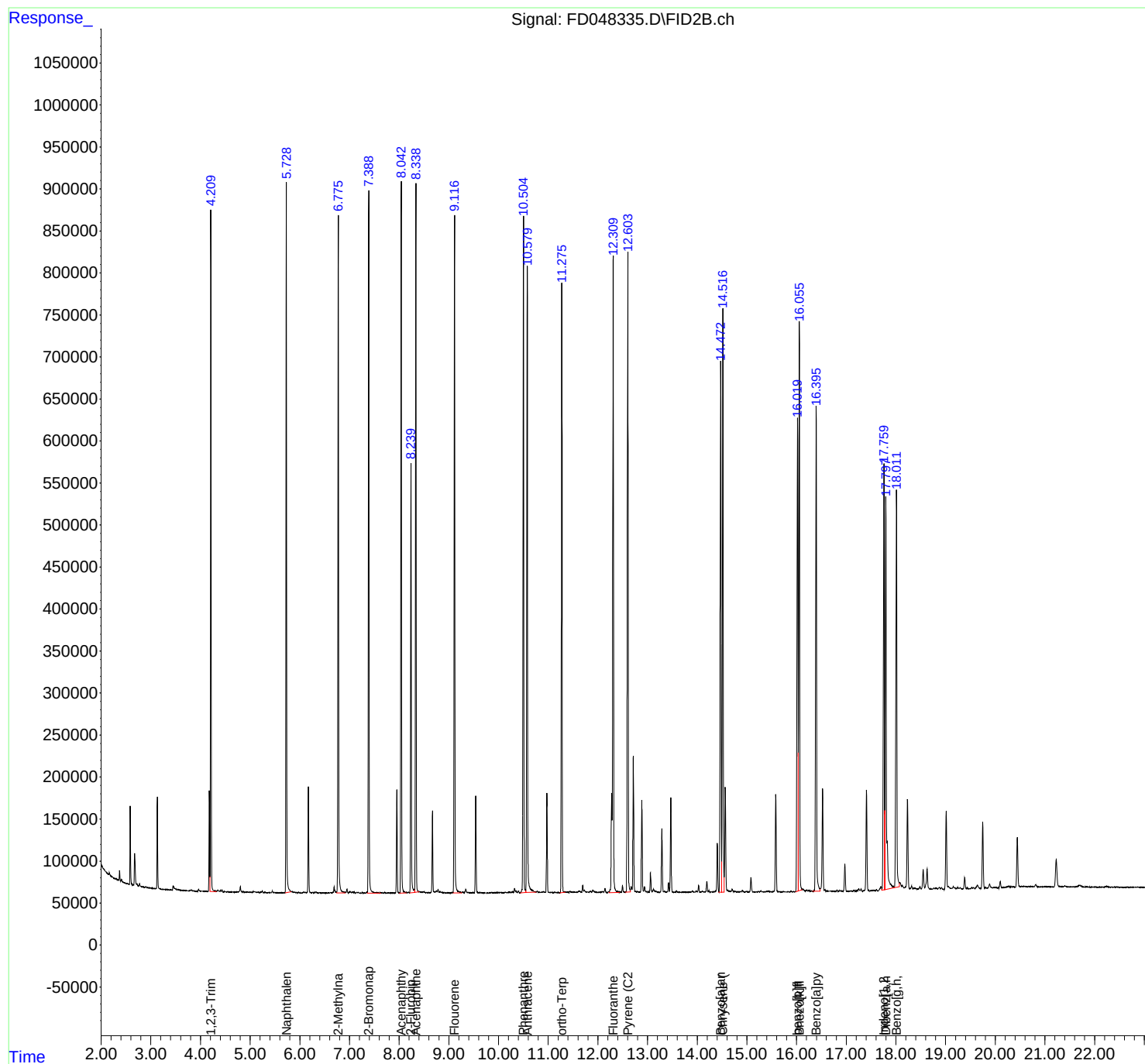
(m)=manual int.

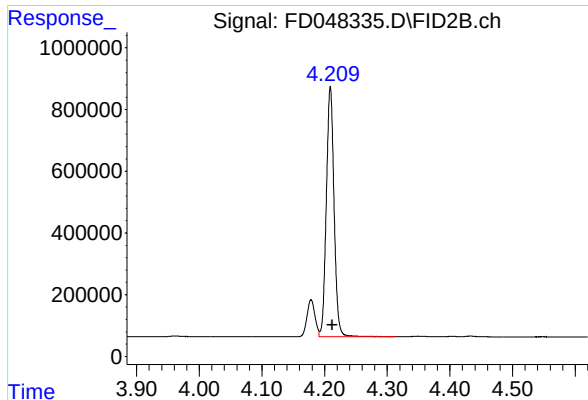
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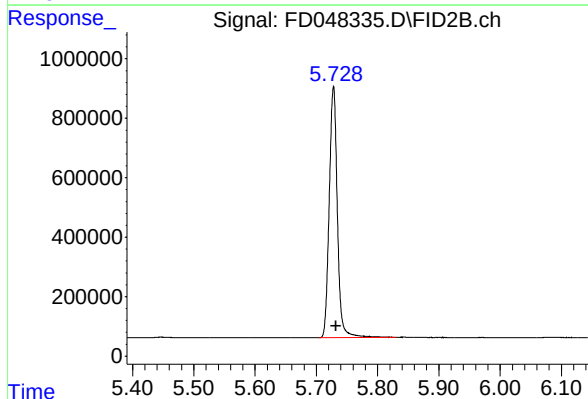




#1 1,2,3-Trimethylbenzene (C10.1)

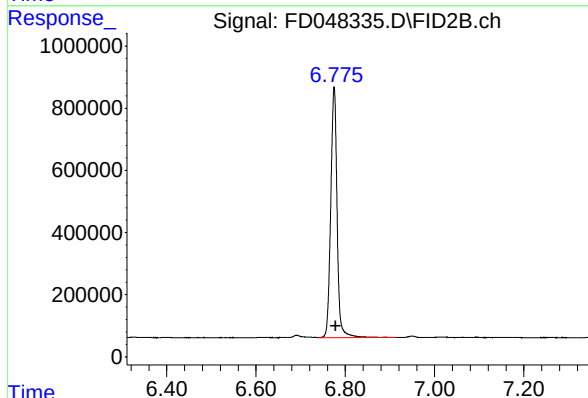
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 6971760
Conc: 39.52 ug/ml

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FID_D
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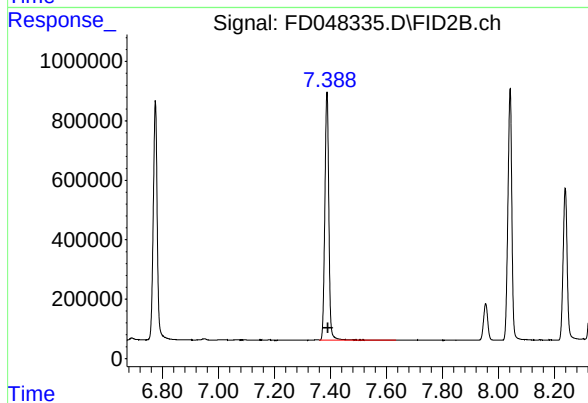
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 7776370
Conc: 43.00 ug/ml



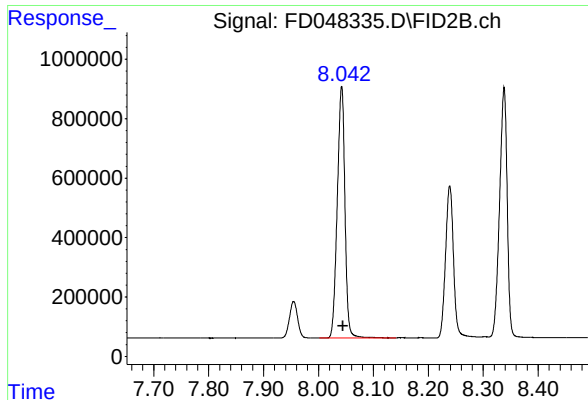
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 7961008
Conc: 44.50 ug/ml



#4 2-Bromonaphthalene (SURR)

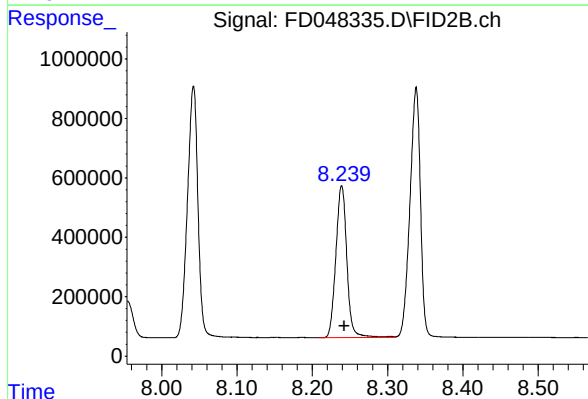
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 8291148
Conc: 54.67 ug/ml



#5 Acenaphthylene (C15.06)

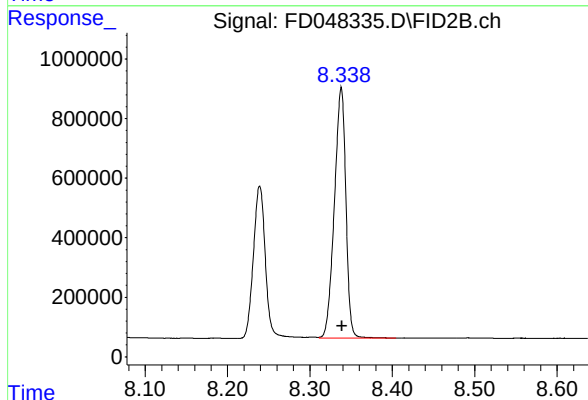
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 8240156
Conc: 47.16 ug/ml

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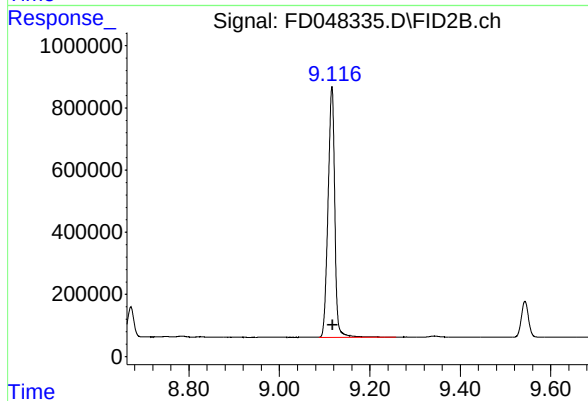
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 5213448
Conc: 54.56 ug/ml



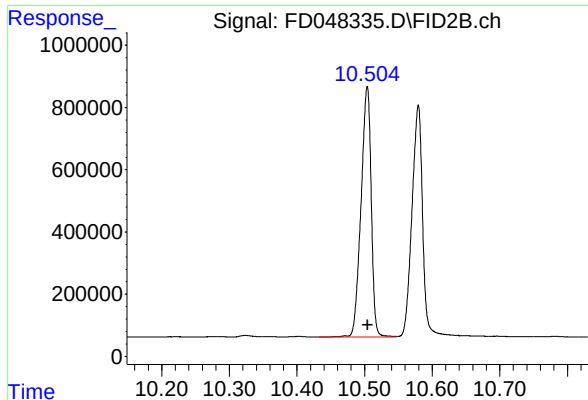
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: -0.001 min
Response: 8147127
Conc: 45.81 ug/ml



#8 Flouorene (C16.55)

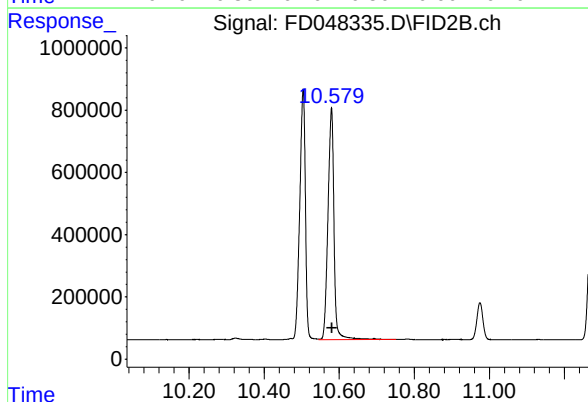
R.T.: 9.116 min
Delta R.T.: -0.002 min
Response: 8342490
Conc: 49.82 ug/ml



#9 Phenanthrene (C19.36)

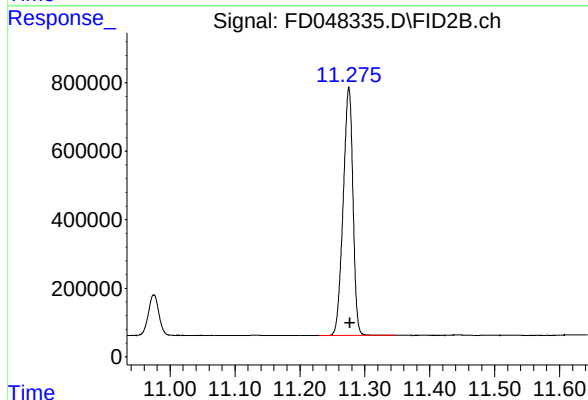
R.T.: 10.504 min
Delta R.T.: -0.001 min
Response: 8446955
Conc: 52.32 ug/ml

Instrument :
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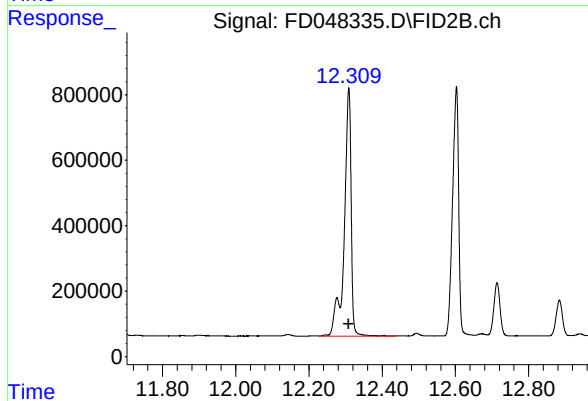
#10 Anthracene (C19.43)

R.T.: 10.579 min
Delta R.T.: -0.001 min
Response: 8311982
Conc: 52.23 ug/ml



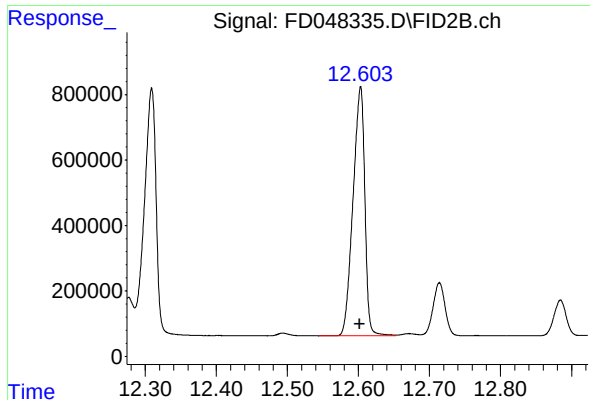
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 7587038
Conc: 44.22 ug/ml



#12 Fluoranthene (C21.85)

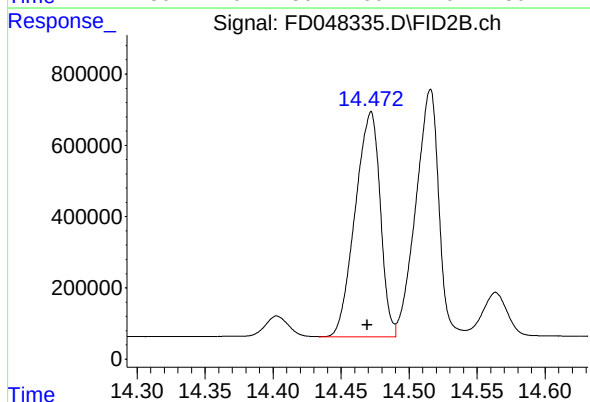
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 10071125
Conc: 62.12 ug/ml



#13 Pyrene (C20.8)

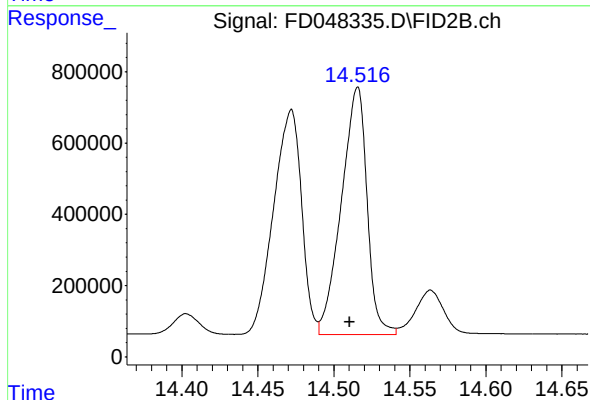
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 8800838
Conc: 54.89 ug/ml

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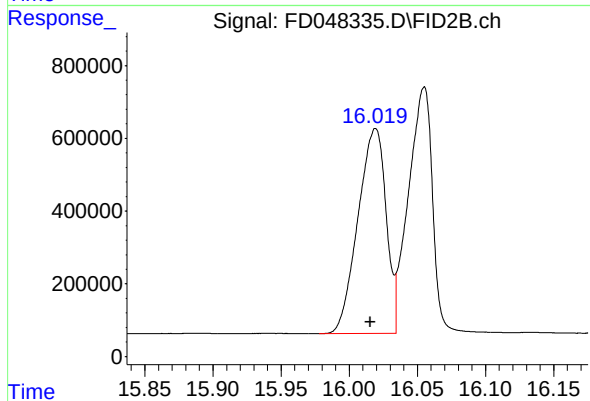
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 8097035
Conc: 57.80 ug/ml



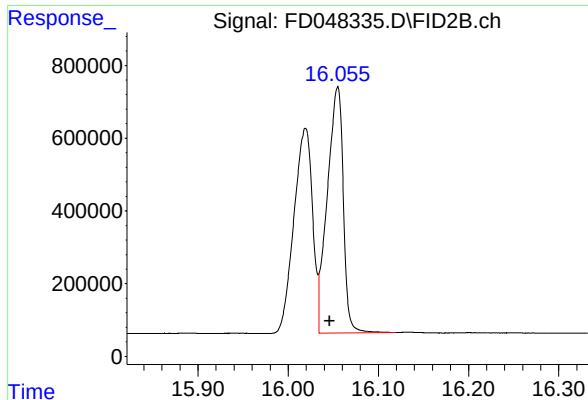
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.004 min
Response: 8165886
Conc: 49.58 ug/ml



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

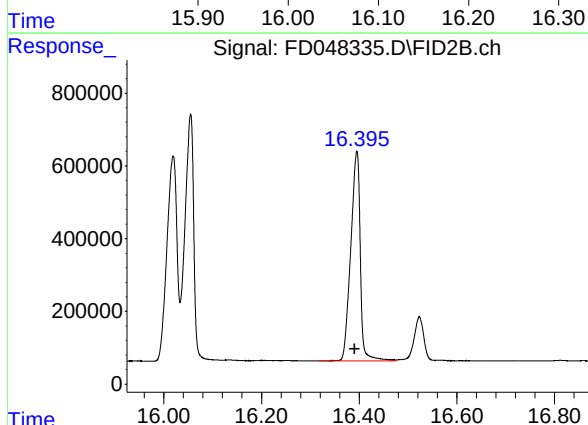
R.T.: 16.019 min
Delta R.T.: 0.003 min
Response: 8103685
Conc: 54.54 ug/ml



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

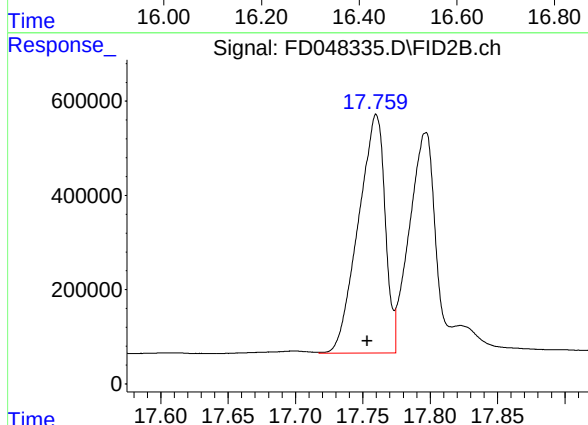
R.T.: 16.054 min
Delta R.T.: 0.008 min
Response: 8312678
Conc: 53.97 ug/ml

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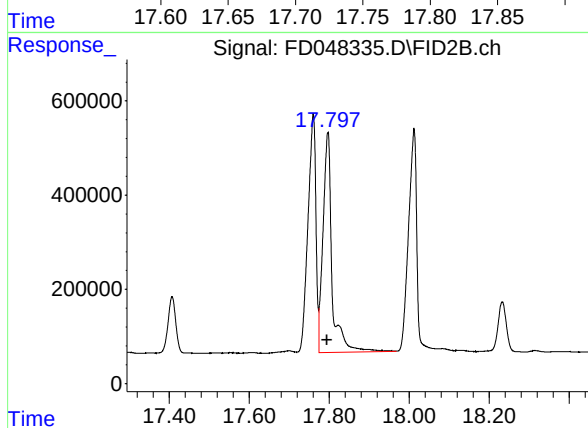
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.004 min
Response: 7797682
Conc: 52.70 ug/ml



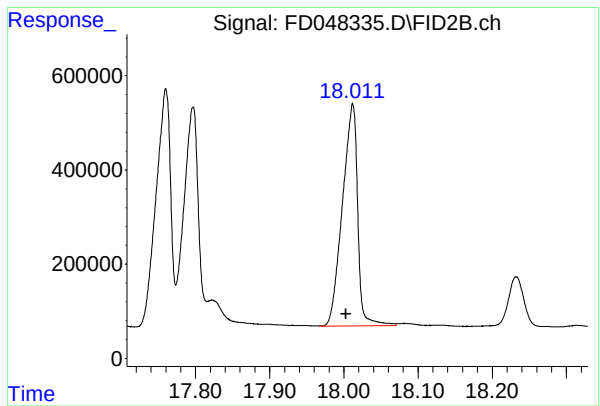
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: 0.006 min
Response: 6996685
Conc: 61.92 ug/ml



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

R.T.: 17.796 min
Delta R.T.: 0.001 min
Response: 7356432
Conc: 48.20 ug/ml



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

R.T.: 18.011 min
Delta R.T.: 0.008 min
Response: 6760388
Conc: 45.86 ug/ml

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