

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102522AR\
 Data File : FD044235.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2022 13:41
 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: Oct 26 04:06:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.413	2773153	22.336 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
6) S 2-Fluorobiphenyl (SURR)	8.270	1712559	22.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.49%
11) S ortho-Terphenyl (SURR)	11.297	3794479	22.418 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3197862	22.656 ug/ml
2) T Naphthalene (C11.7)	5.752	3160556	23.054 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	3247435	22.908 ug/ml
5) T Acenaphthylene (C15.06)	8.069	3026429	21.574 ug/ml
7) T Acenaphthene (C15.5)	8.360	3501217	22.515 ug/ml
8) T Flouorene (C16.55)	9.141	3147764	22.375 ug/ml
9) T Phenanthrene (C19.36)	10.533	3027548	22.481 ug/ml
10) T Anthracene (C19.43)	10.609	2626105	19.544 ug/ml
12) T Fluoranthene (C21.85)	12.338	3044818	22.799 ug/ml
13) T Pyrene (C20.8)	12.632	2829343	22.400 ug/ml
14) T Benzo[a]anthracene (C...	14.502	2481023	23.358 ug/ml
15) T Chrysene (C27.41)	14.544	3043808	23.219 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2673999	23.827 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	2944414	23.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	2477368	21.320 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	2431755	22.810 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	2813366	22.741 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	2721615	23.183 ug/ml

(f)=RT Delta > 1/2 Window

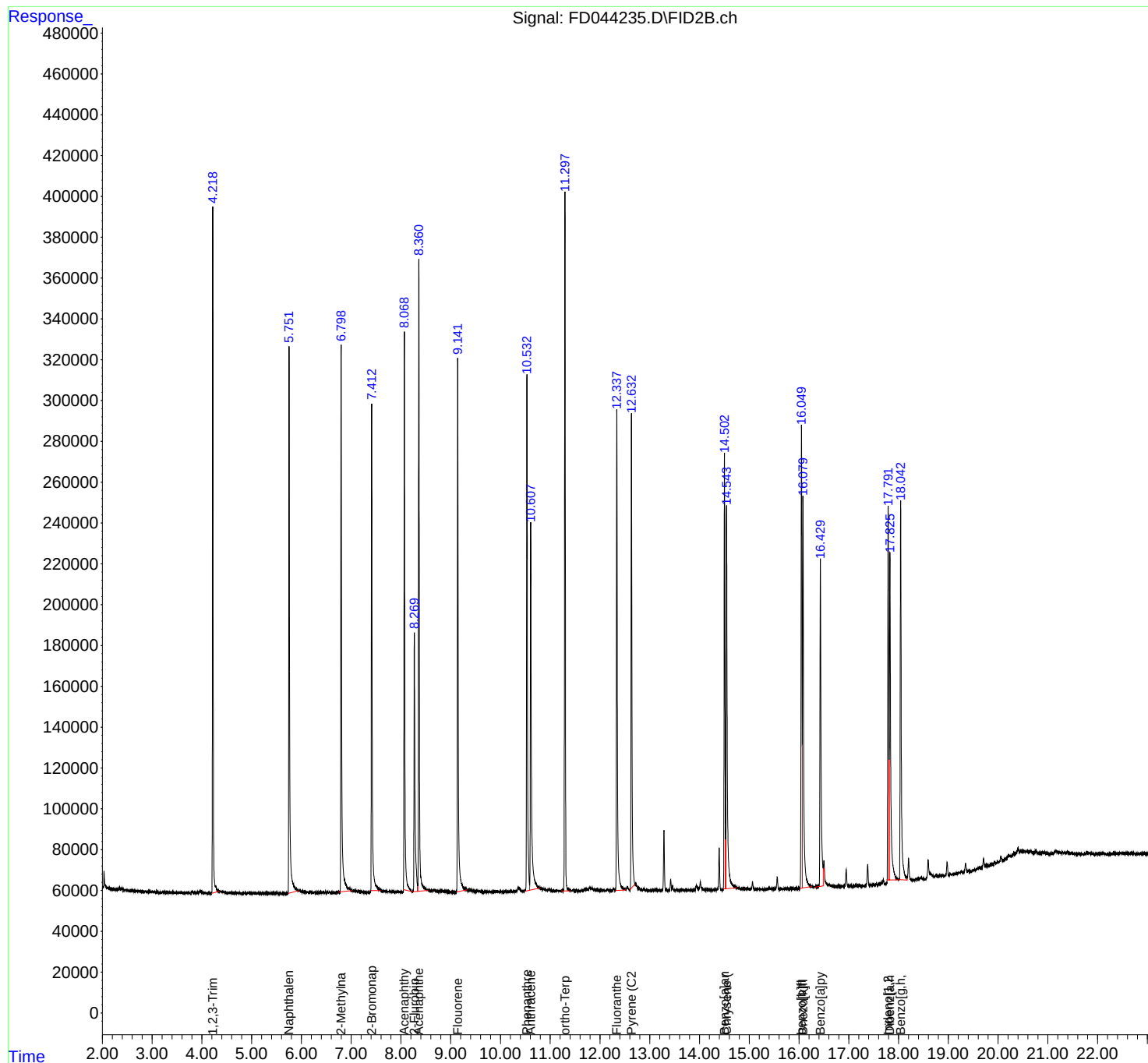
(m)=manual int.

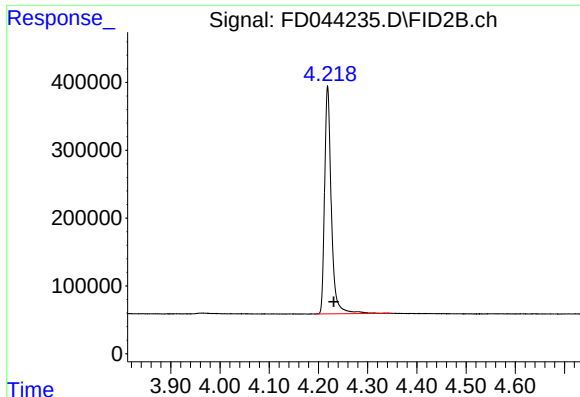
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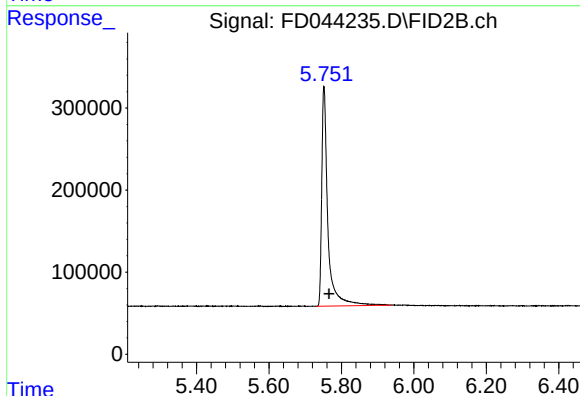




#1 1,2,3-Trimethylbenzene (C10.1)

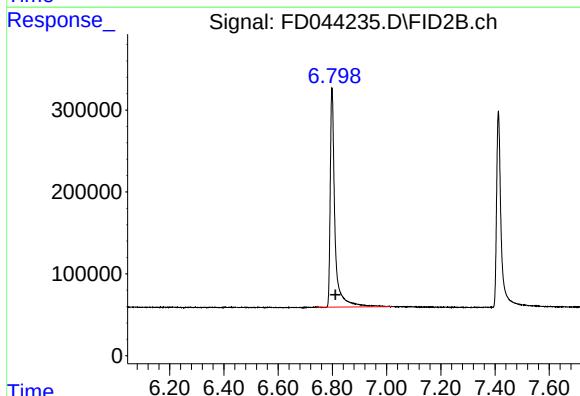
R.T.: 4.219 min
Delta R.T.: -0.012 min
Response: 3197862
Conc: 22.66 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



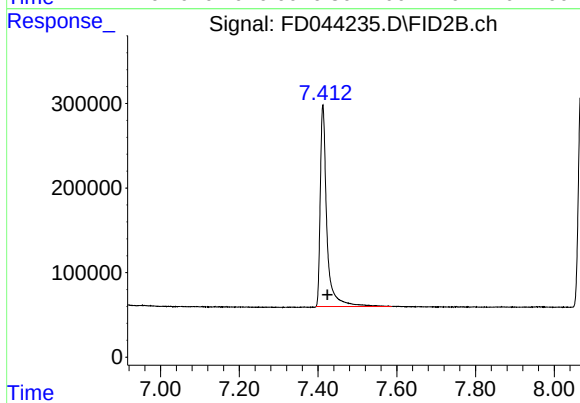
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 3160556
Conc: 23.05 ug/ml



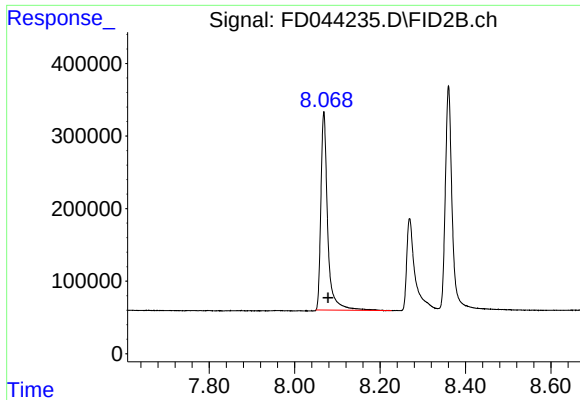
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.012 min
Response: 3247435
Conc: 22.91 ug/ml



#4 2-Bromonaphthalene (SURR)

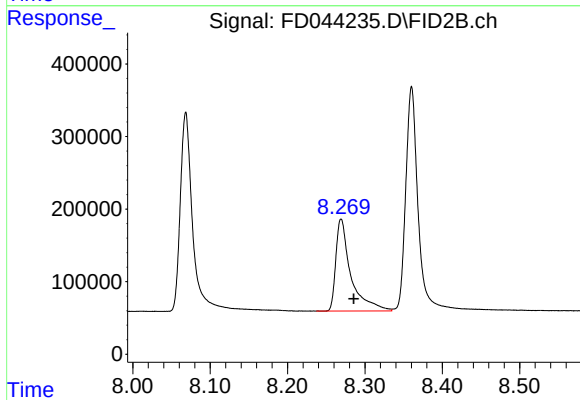
R.T.: 7.413 min
Delta R.T.: -0.011 min
Response: 2773153
Conc: 22.34 ug/ml



#5 Acenaphthylene (C15.06)

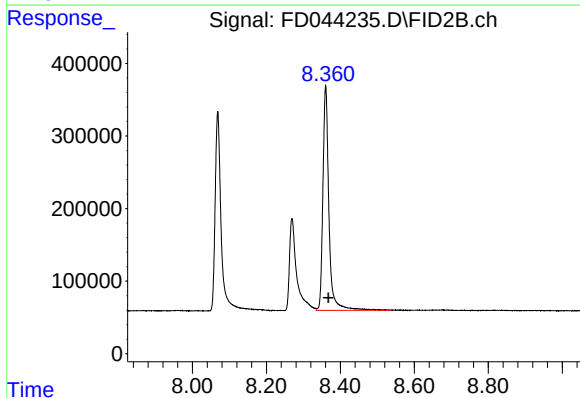
R.T.: 8.069 min
Delta R.T.: -0.010 min
Response: 3026429
Conc: 21.57 ug/ml

Instrument :
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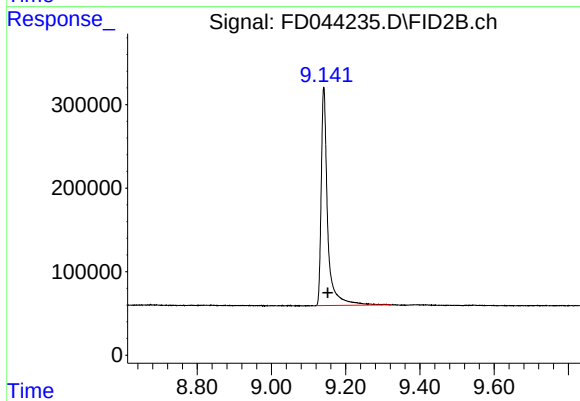
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 1712559
Conc: 22.74 ug/ml



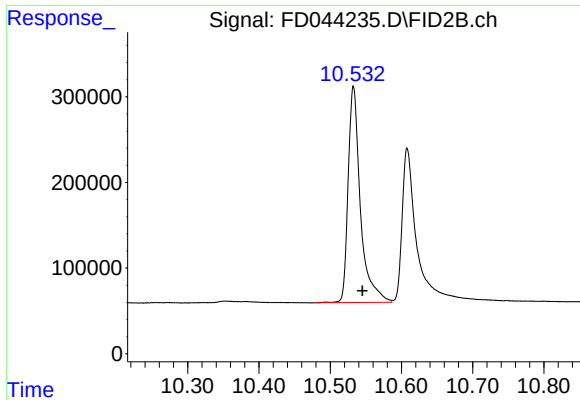
#7 Acenaphthene (C15.5)

R.T.: 8.360 min
Delta R.T.: -0.008 min
Response: 3501217
Conc: 22.52 ug/ml



#8 Flouorene (C16.55)

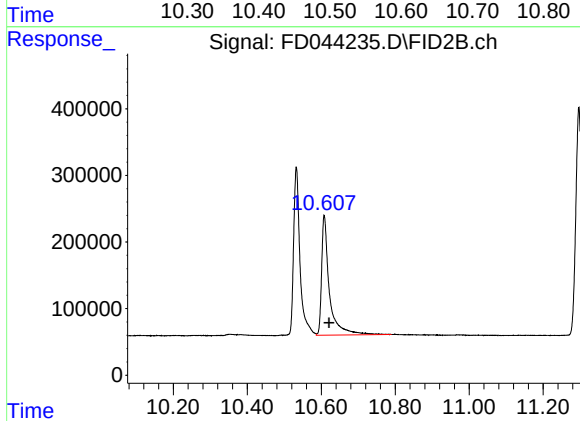
R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 3147764
Conc: 22.38 ug/ml



#9 Phenanthrene (C19.36)

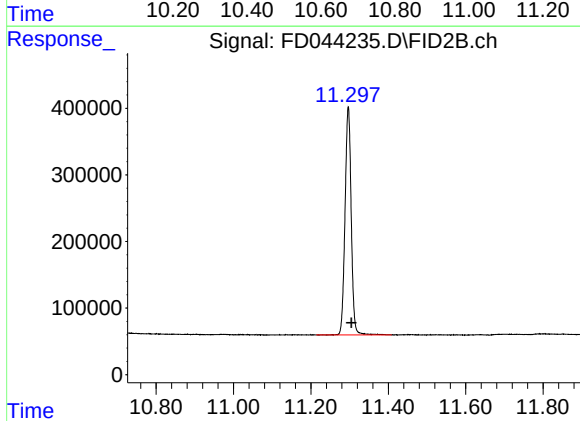
R.T.: 10.533 min
Delta R.T.: -0.012 min
Response: 3027548
Conc: 22.48 ug/ml

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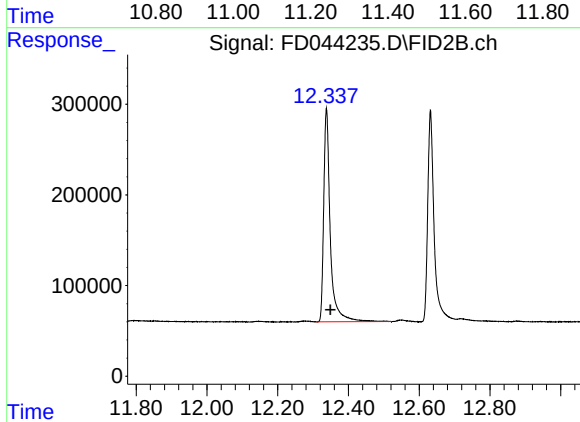
#10 Anthracene (C19.43)

R.T.: 10.609 min
Delta R.T.: -0.013 min
Response: 2626105
Conc: 19.54 ug/ml



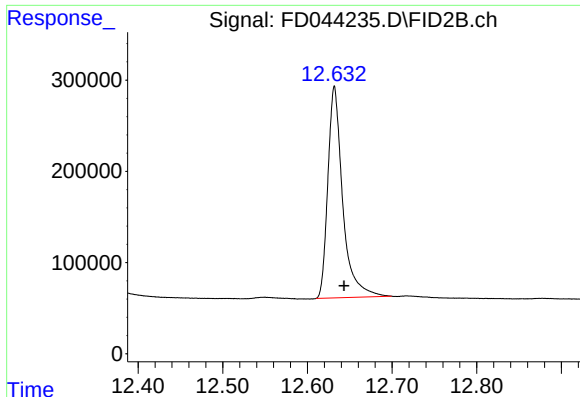
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.008 min
Response: 3794479
Conc: 22.42 ug/ml



#12 Fluoranthene (C21.85)

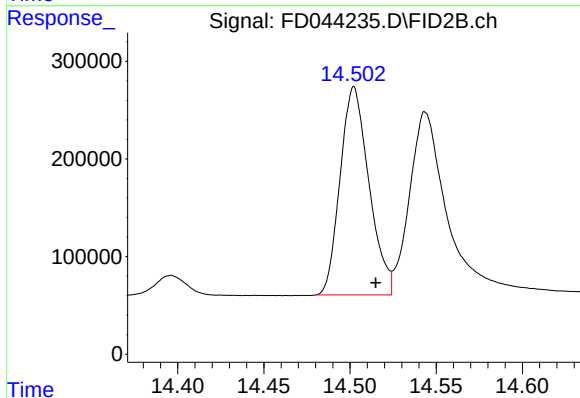
R.T.: 12.338 min
Delta R.T.: -0.011 min
Response: 3044818
Conc: 22.80 ug/ml



#13 Pyrene (C20.8)

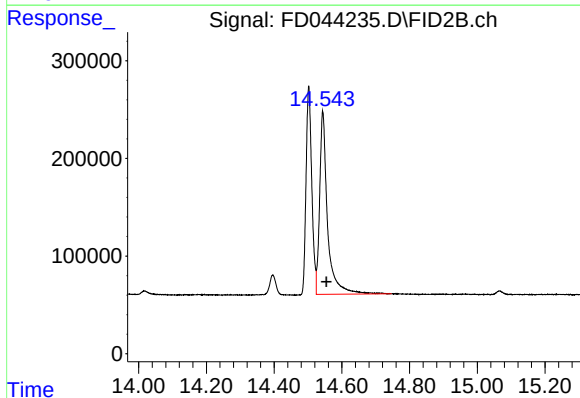
R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2829343
Conc: 22.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



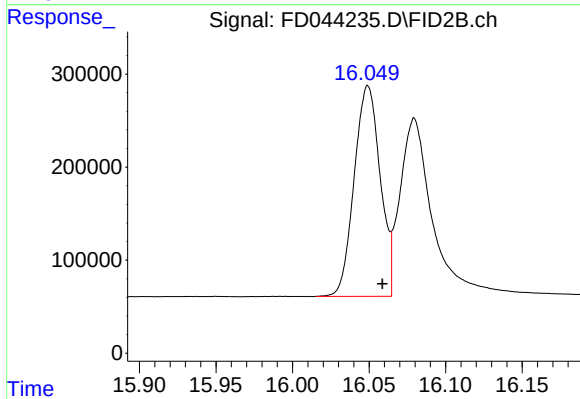
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 2481023
Conc: 23.36 ug/ml



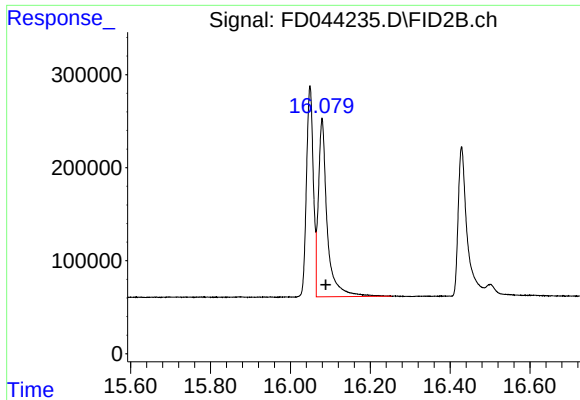
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.011 min
Response: 3043808
Conc: 23.22 ug/ml



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

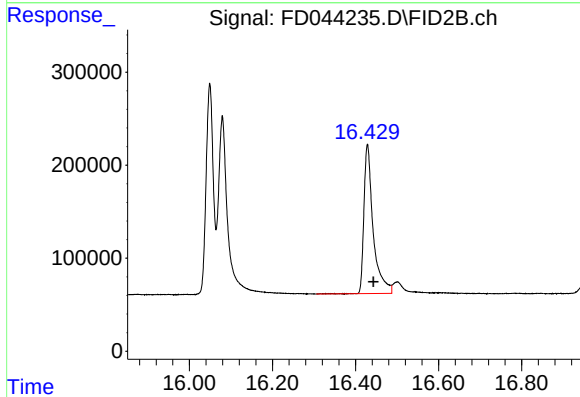
R.T.: 16.049 min
Delta R.T.: -0.009 min
Response: 2673999
Conc: 23.83 ug/ml



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

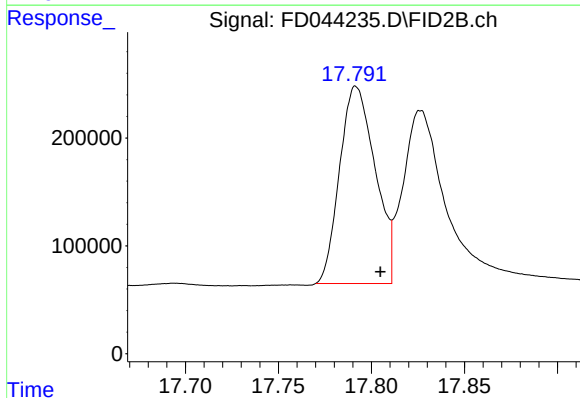
R.T.: 16.079 min
Delta R.T.: -0.010 min
Response: 2944414
Conc: 23.14 ug/ml

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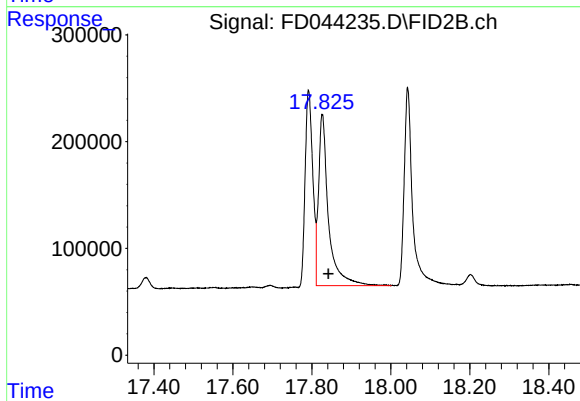
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.014 min
Response: 2477368
Conc: 21.32 ug/ml



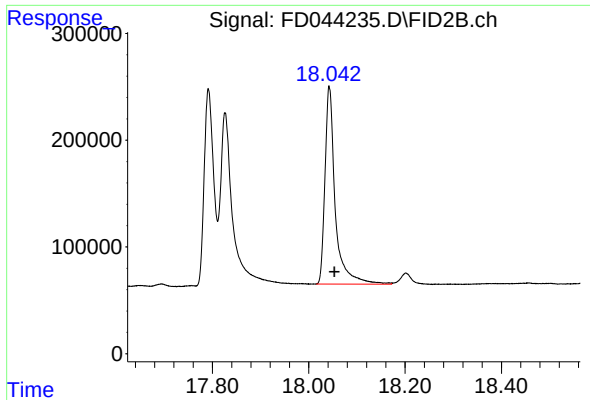
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 2431755
Conc: 22.81 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 2813366
Conc: 22.74 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.011 min
Response: 2721615
Conc: 23.18 ug/ml

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