

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044789.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 18:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 16 03:12:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.660	2886523	20.017 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
6) S 2-Fluorobiphenyl (SURR)	8.516	1927794	19.860 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.72%
11) S ortho-Terphenyl (SURR)	11.545	3635406	20.178 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3250401	20.202 ug/ml
2) T Naphthalene (C11.7)	6.009	3373671	20.100 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3363558	20.005 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3062770	20.193 ug/ml
7) T Acenaphthene (C15.5)	8.615	3240430	19.989 ug/ml
8) T Flouorene (C16.55)	9.391	3182808	19.970 ug/ml
9) T Phenanthrene (C19.36)	10.779	3135360	19.979 ug/ml
10) T Anthracene (C19.43)	10.853	2981532	23.710 ug/ml
12) T Fluoranthene (C21.85)	12.581	3149046	20.053 ug/ml
13) T Pyrene (C20.8)	12.876	3094264	20.213 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2899998	20.395 ug/ml
15) T Chrysene (C27.41)	14.777	3017843	19.901 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2902513	19.299 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2925858	19.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2816571	19.413 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2407135	17.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	2740471	18.695 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2503866	17.626 ug/ml

(f)=RT Delta > 1/2 Window

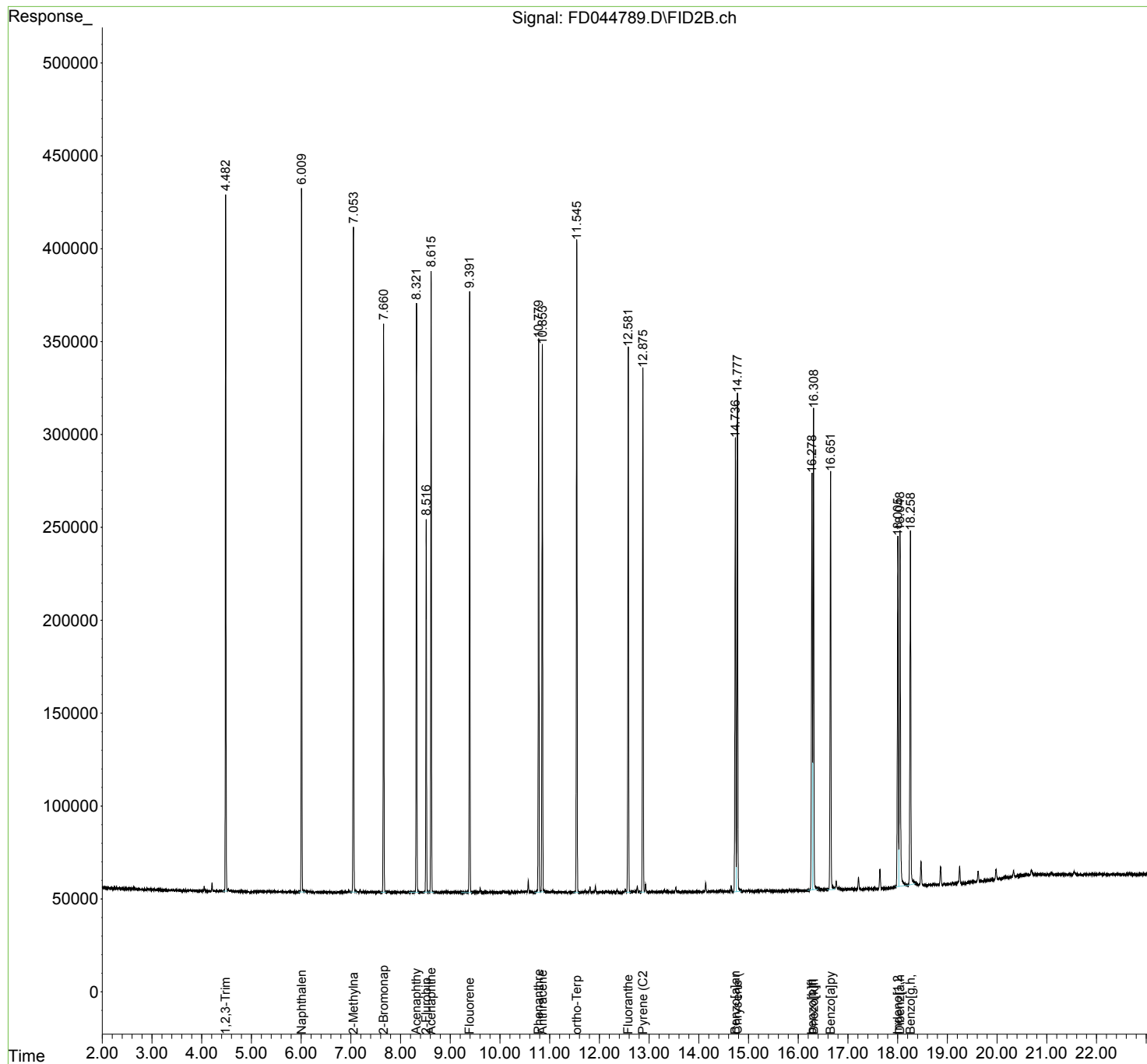
(m)=manual int.

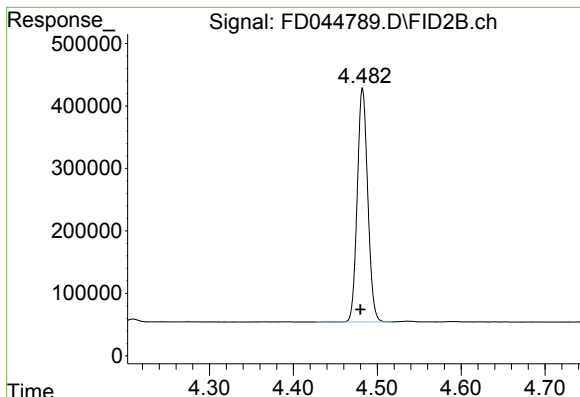
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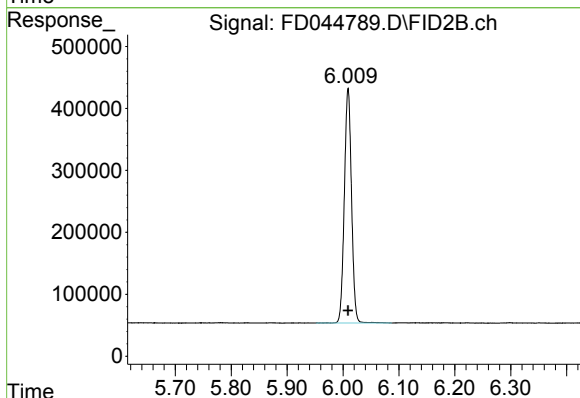




#1 1,2,3-Trimethylbenzene (C10.1)

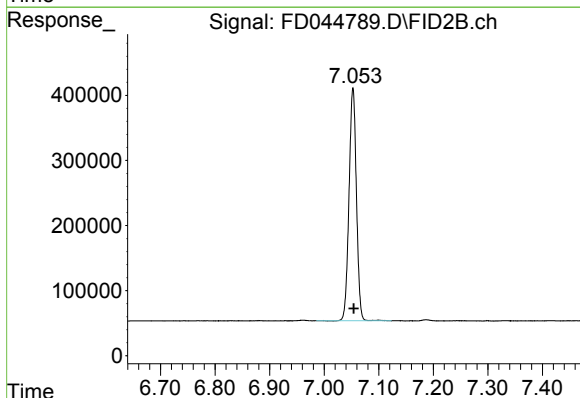
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3250401
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



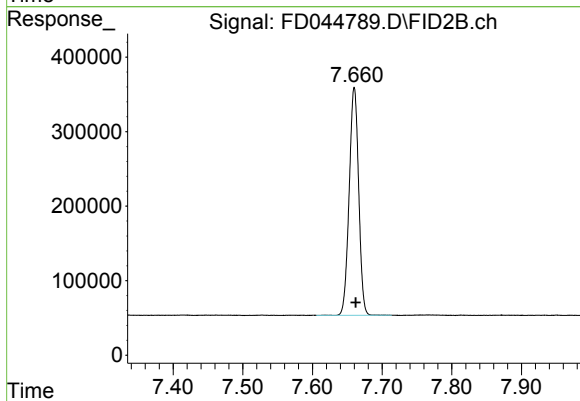
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3373671
Conc: 20.10 ug/ml



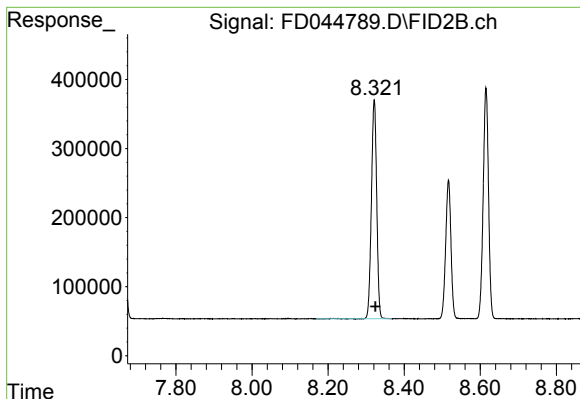
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 3363558
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

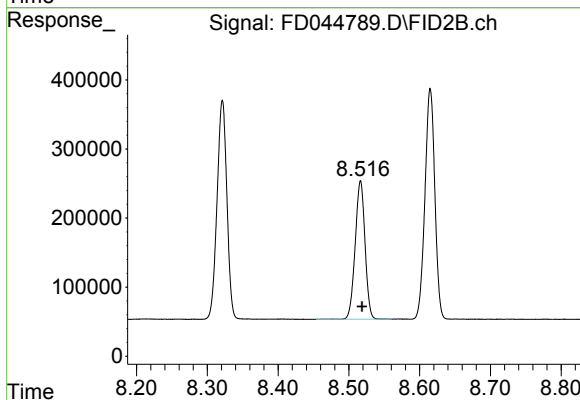
R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 2886523
Conc: 20.02 ug/ml



#5 Acenaphthylene (C15.06)

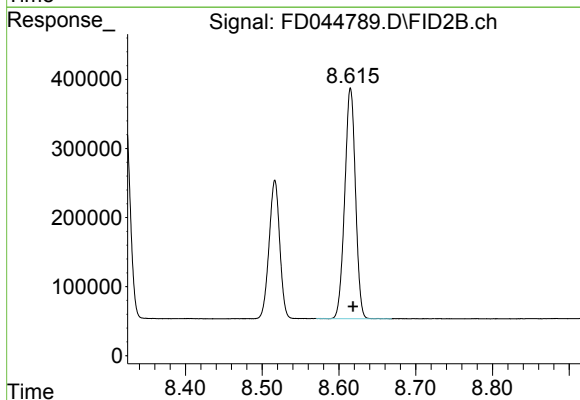
R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 3062770
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



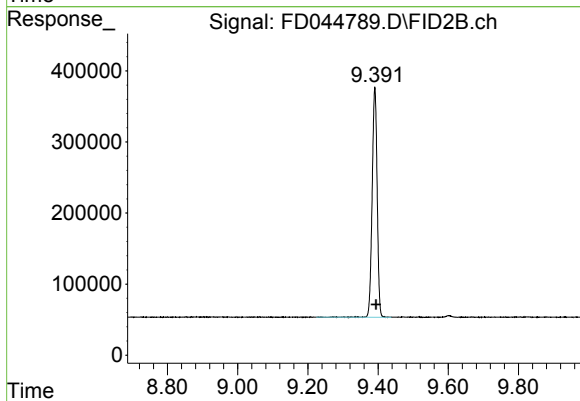
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 1927794
Conc: 19.86 ug/ml



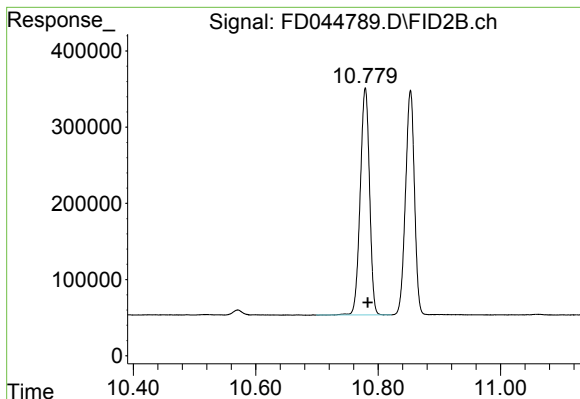
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.003 min
Response: 3240430
Conc: 19.99 ug/ml



#8 Fluorene (C16.55)

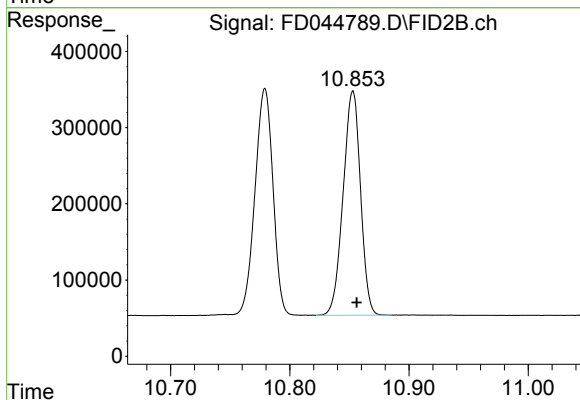
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 3182808
Conc: 19.97 ug/ml



#9 Phenanthrene (C19.36)

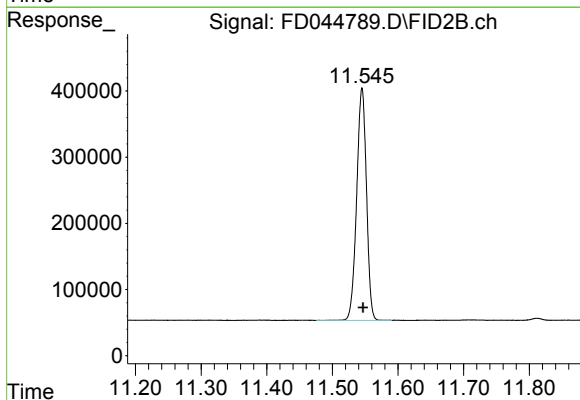
R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 3135360
Conc: 19.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



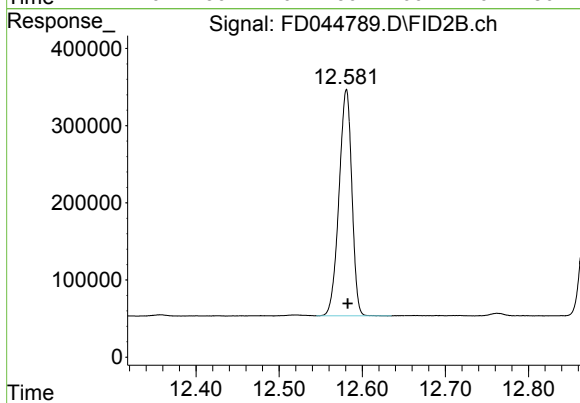
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 2981532
Conc: 23.71 ug/ml



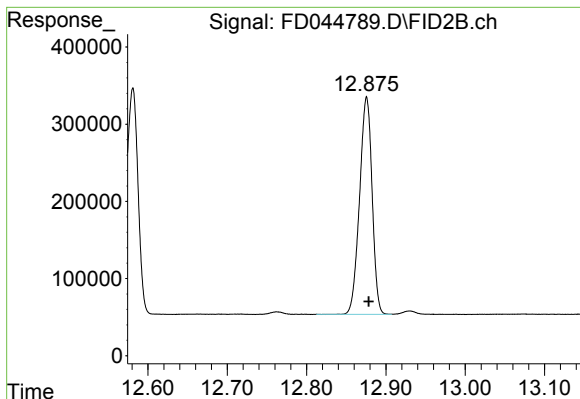
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3635406
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

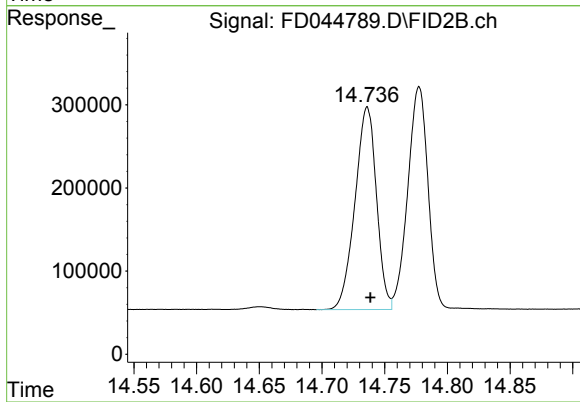
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3149046
Conc: 20.05 ug/ml



#13 Pyrene (C20.8)

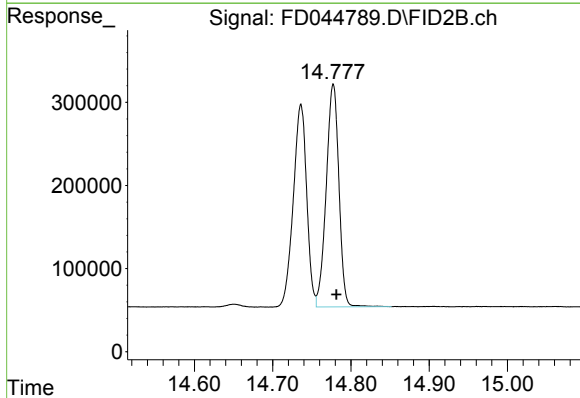
R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 3094264
Conc: 20.21 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



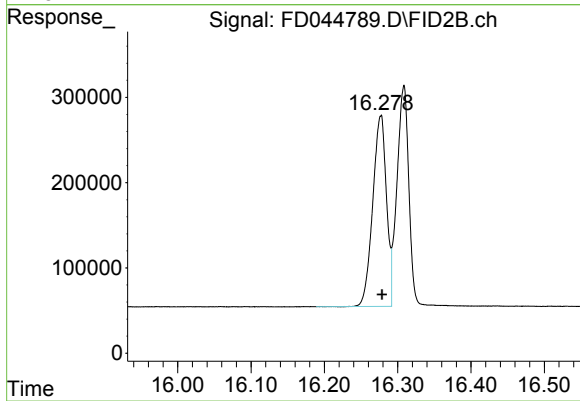
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.003 min
Response: 2899998
Conc: 20.40 ug/ml



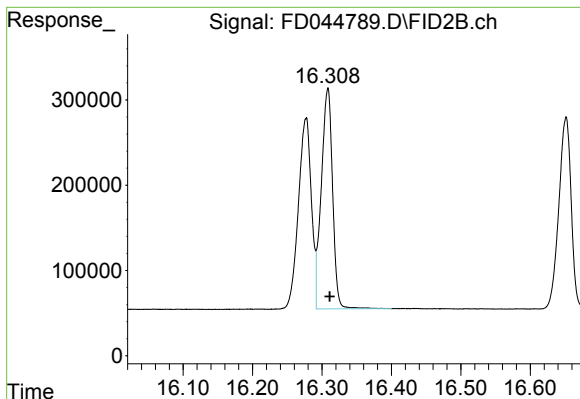
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 3017843
Conc: 19.90 ug/ml



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

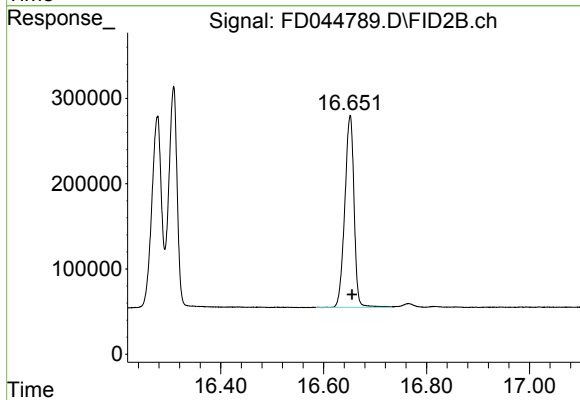
R.T.: 16.277 min
Delta R.T.: -0.002 min
Response: 2902513
Conc: 19.30 ug/ml



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

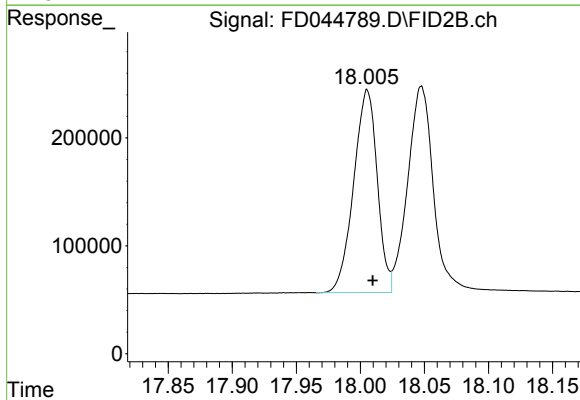
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 2925858
Conc: 19.31 ug/ml

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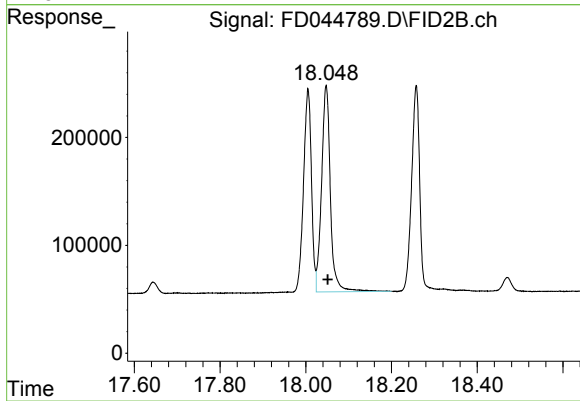
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 2816571
Conc: 19.41 ug/ml



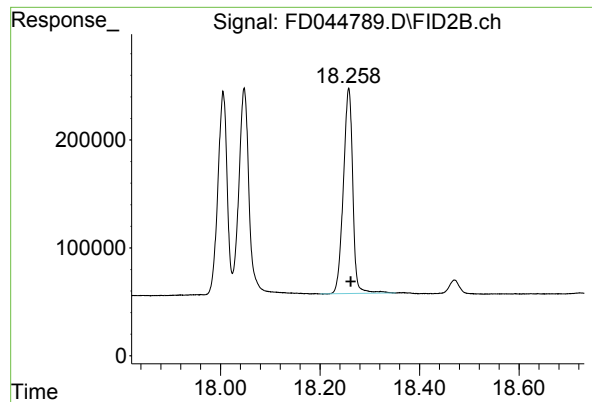
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.004 min
Response: 2407135
Conc: 17.02 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 2740471
Conc: 18.70 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2503866
Conc: 17.63 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD