

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044783.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 10:05
 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 03:11:13 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

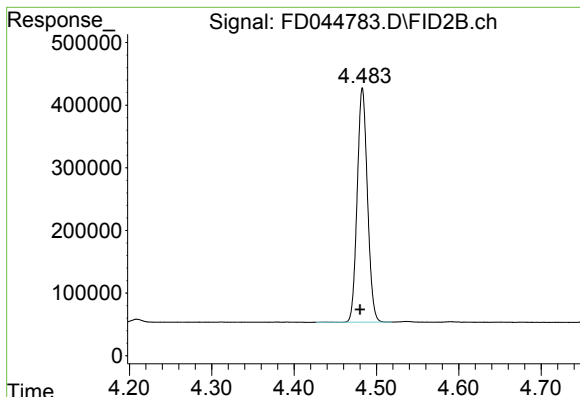
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.661	2881401	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
6) S 2-Fluorobiphenyl (SURR)	8.517	1920747	19.787 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.57%
11) S ortho-Terphenyl (SURR)	11.547	3623464	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3231257	20.083 ug/ml
2) T Naphthalene (C11.7)	6.010	3350430	19.962 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3356353	19.962 ug/ml
5) T Acenaphthylene (C15.06)	8.322	3057900	20.161 ug/ml
7) T Acenaphthene (C15.5)	8.617	3234548	19.953 ug/ml
8) T Flouorene (C16.55)	9.392	3169999	19.890 ug/ml
9) T Phenanthrene (C19.36)	10.781	3122517	19.897 ug/ml
10) T Anthracene (C19.43)	10.855	2970640	23.623 ug/ml
12) T Fluoranthene (C21.85)	12.583	3140734	20.000 ug/ml
13) T Pyrene (C20.8)	12.877	3087568	20.169 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2877995	20.241 ug/ml
15) T Chrysene (C27.41)	14.780	2989880	19.717 ug/ml
16) T benzo[b]fluoranthene ...	16.278	2906228	19.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	2894786	19.107 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2789317	19.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	2352577	16.636 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	2610225	17.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2472014	17.401 ug/ml

(f)=RT Delta > 1/2 Window

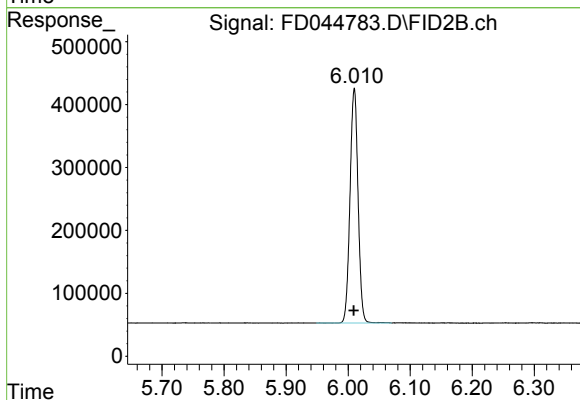
(m)=manual int.



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

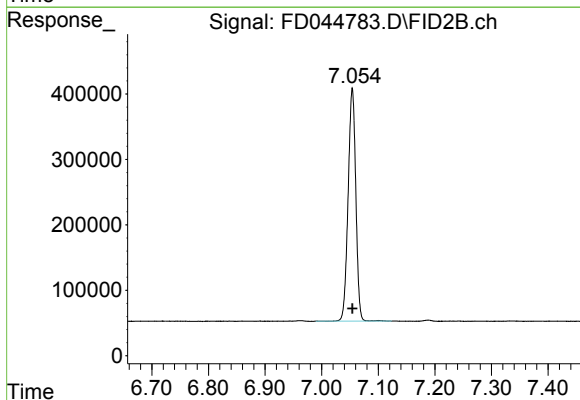
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3231257
Conc: 20.08 ug/ml

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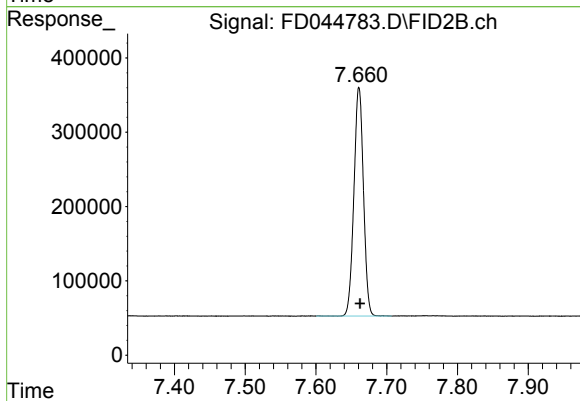
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 3350430
Conc: 19.96 ug/ml



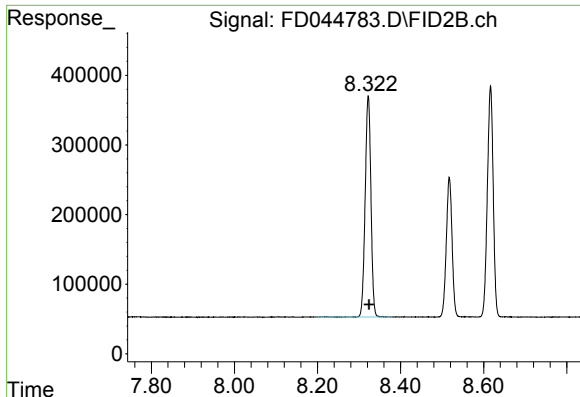
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 3356353
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

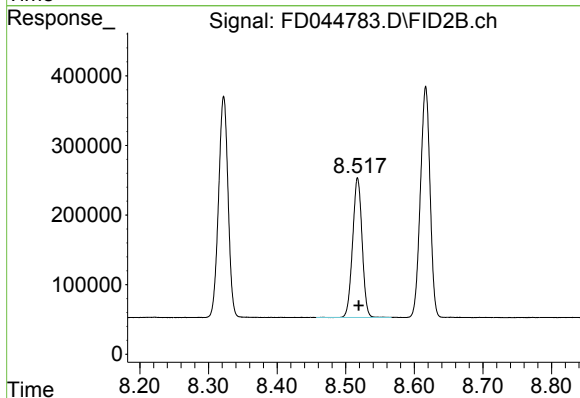
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 2881401
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

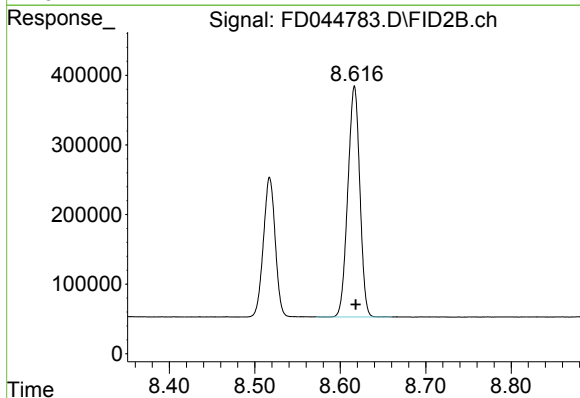
R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 3057900
Conc: 20.16 ug/ml

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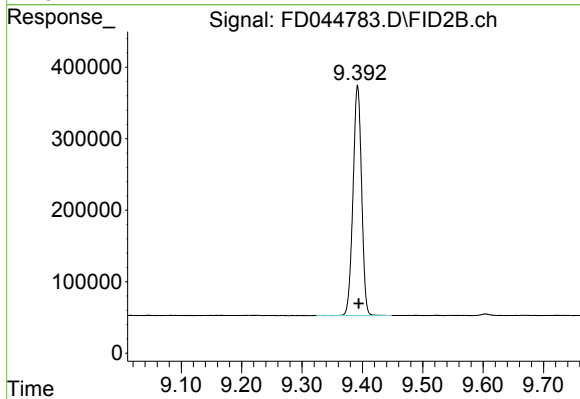
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 1920747
Conc: 19.79 ug/ml



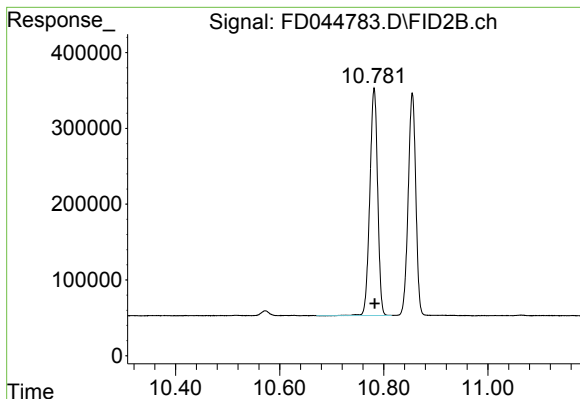
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 3234548
Conc: 19.95 ug/ml



#8 Fluorene (C16.55)

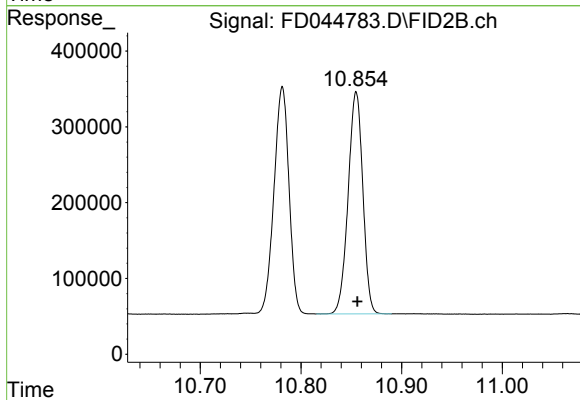
R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 3169999
Conc: 19.89 ug/ml



#9 Phenanthrene (C19.36)

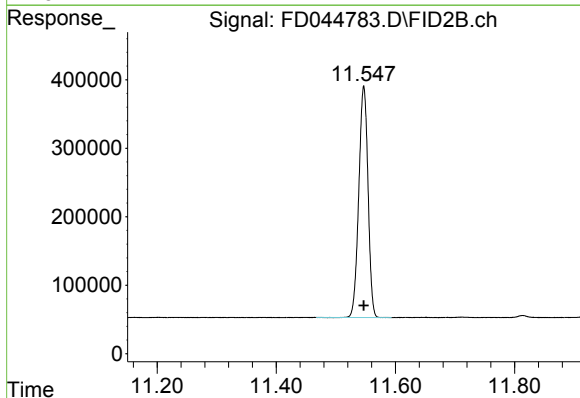
R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3122517
Conc: 19.90 ug/ml

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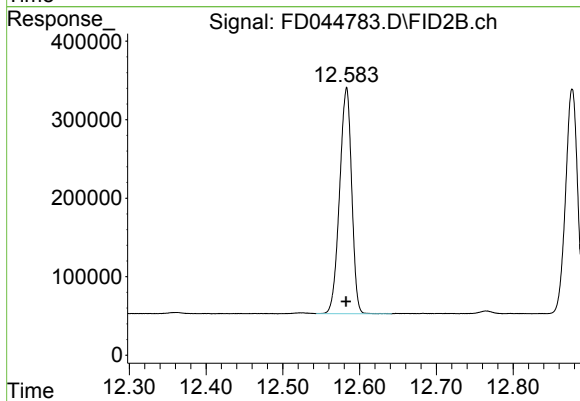
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.001 min
Response: 2970640
Conc: 23.62 ug/ml



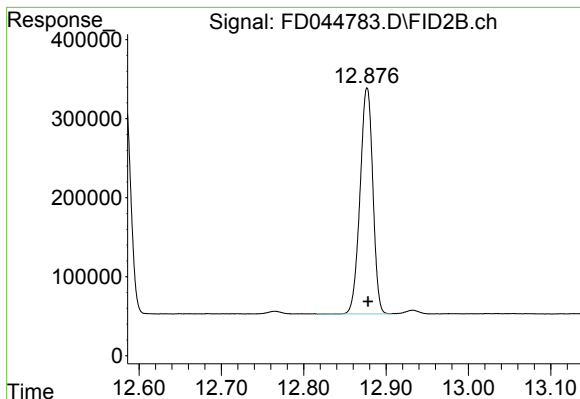
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3623464
Conc: 20.11 ug/ml



#12 Fluoranthene (C21.85)

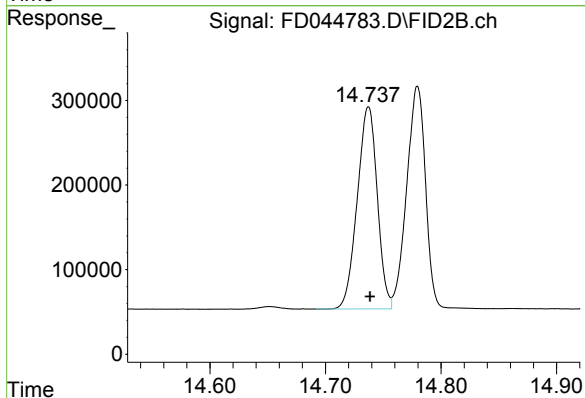
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 3140734
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

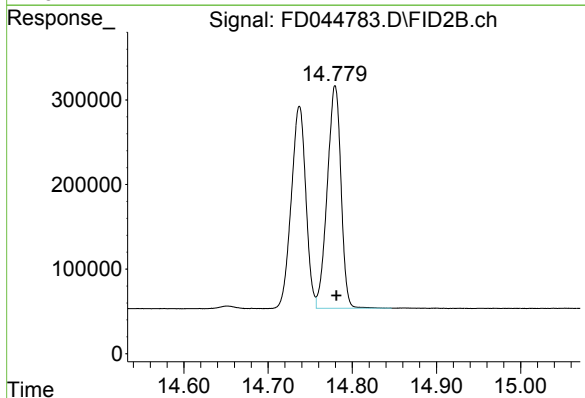
R.T.: 12.877 min
Delta R.T.: -0.001 min
Response: 3087568
Conc: 20.17 ug/ml

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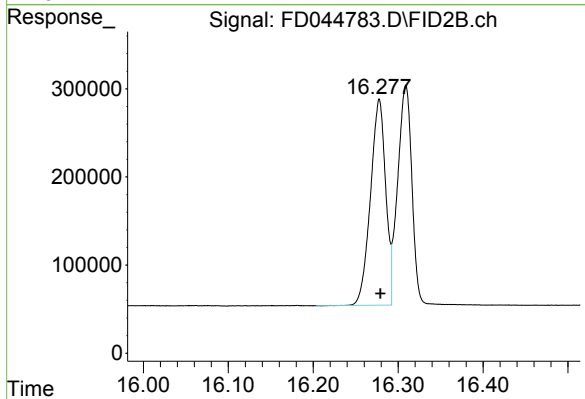
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.001 min
Response: 2877995
Conc: 20.24 ug/ml



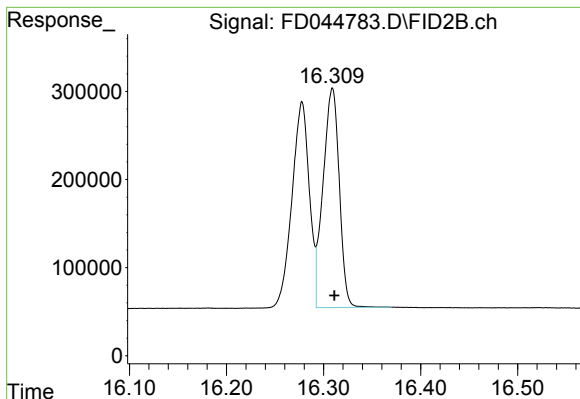
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: -0.002 min
Response: 2989880
Conc: 19.72 ug/ml



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

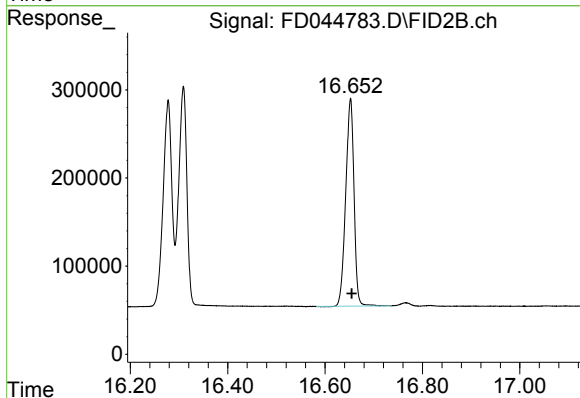
R.T.: 16.278 min
Delta R.T.: -0.001 min
Response: 2906228
Conc: 19.32 ug/ml



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

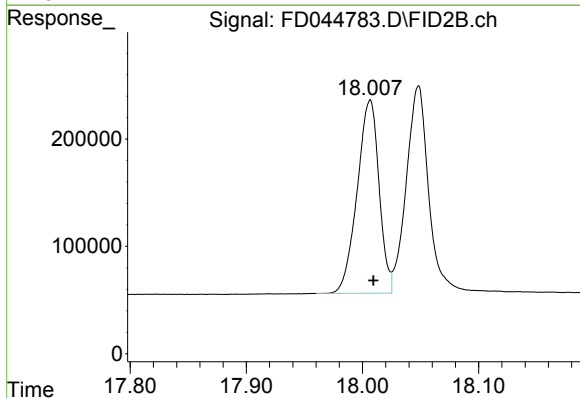
R.T.: 16.309 min
Delta R.T.: -0.002 min
Response: 2894786
Conc: 19.11 ug/ml

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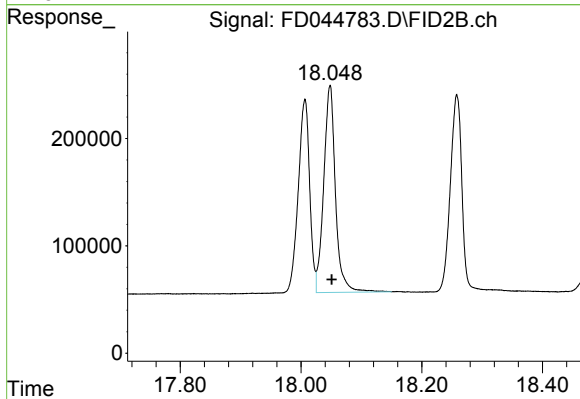
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.003 min
Response: 2789317
Conc: 19.23 ug/ml



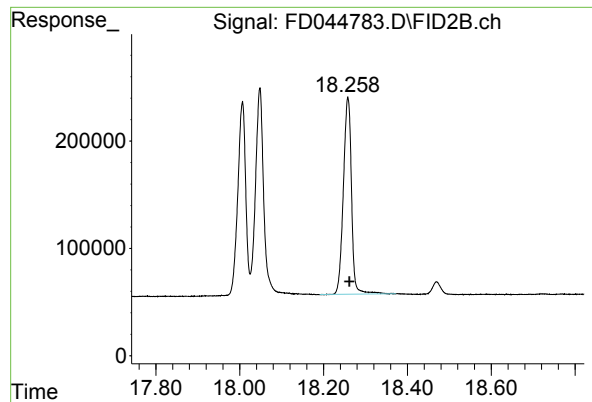
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.003 min
Response: 2352577
Conc: 16.64 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 2610225
Conc: 17.81 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2472014
Conc: 17.40 ug/ml

Instrument :

FID_D

ClientSampleId :

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