

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AR\
 Data File : FD043583.D
 Signal(s) : FID2B.ch
 Acq On : 13 Aug 2022 04:43
 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: Aug 15 00:04:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.612	2747273	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
6) S 2-Fluorobiphenyl (SURR)	8.477	1843955	19.396 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.79%
11) S ortho-Terphenyl (SURR)	11.523	3219315	18.994 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	3056349	19.487 ug/ml
2) T Naphthalene (C11.7)	5.948	3128512	19.349 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	2848554	19.454 ug/ml
5) T Acenaphthylene (C15.06)	8.279	3015444	18.575 ug/ml
7) T Acenaphthene (C15.5)	8.575	3115835	19.273 ug/ml
8) T Flouorene (C16.55)	9.357	3061090	19.535 ug/ml
9) T Phenanthrene (C19.36)	10.756	2995713	19.115 ug/ml
10) T Anthracene (C19.43)	10.830	2402866	15.601 ug/ml
12) T Fluoranthene (C21.85)	12.570	3004828	18.972 ug/ml
13) T Pyrene (C20.8)	12.867	2940260	18.709 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2877526	19.505 ug/ml
15) T Chrysene (C27.41)	14.784	3391565	21.705 ug/ml
16) T benzo[b]fluoranthene ...	16.295	3162525	21.142 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	3067516	20.443 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2745742	19.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2652756	22.446 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	3526671	24.864 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2821012	21.693 ug/ml

(f)=RT Delta > 1/2 Window

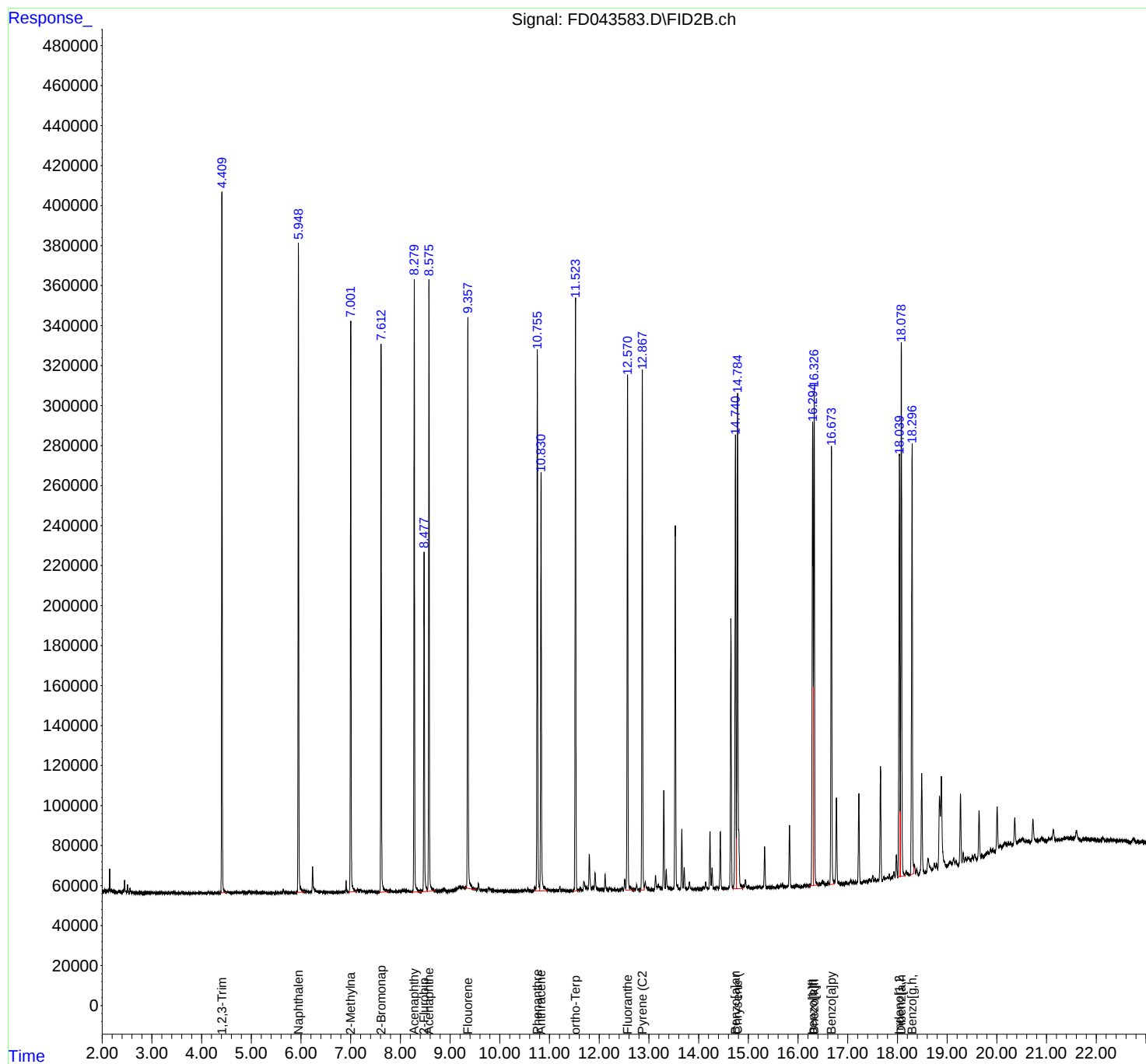
(m)=manual int.

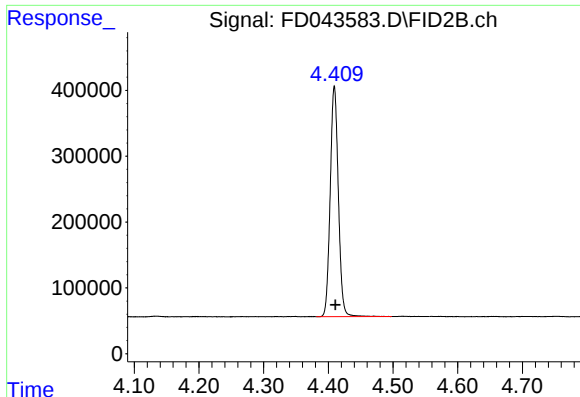
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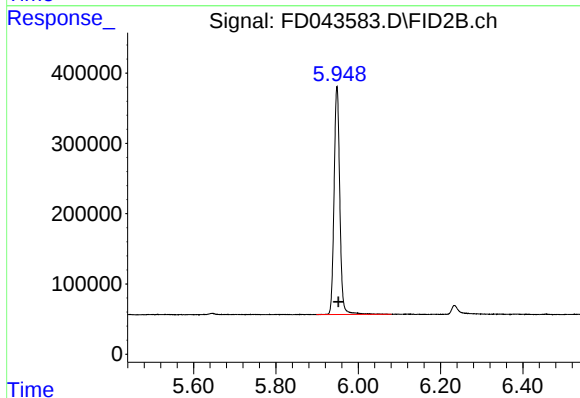




#1 1,2,3-Trimethylbenzene (C10.1)

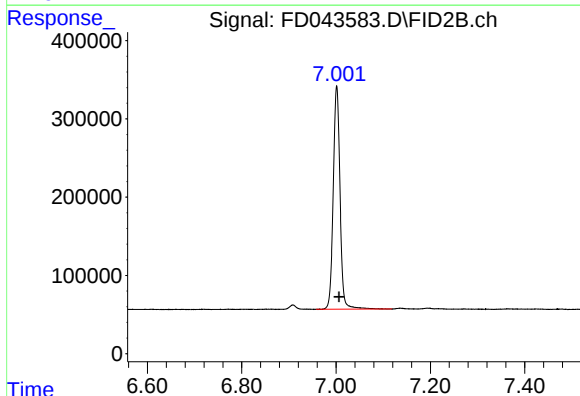
R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 3056349
Conc: 19.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



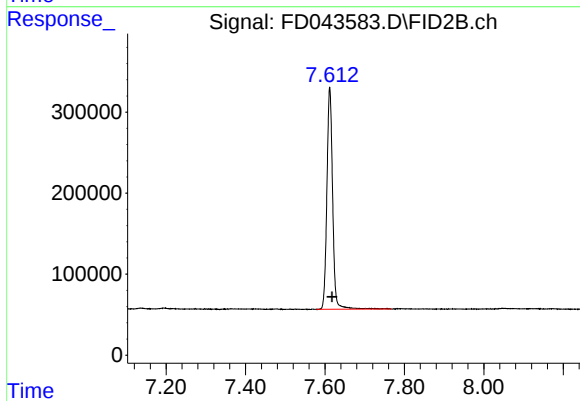
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3128512
Conc: 19.35 ug/ml



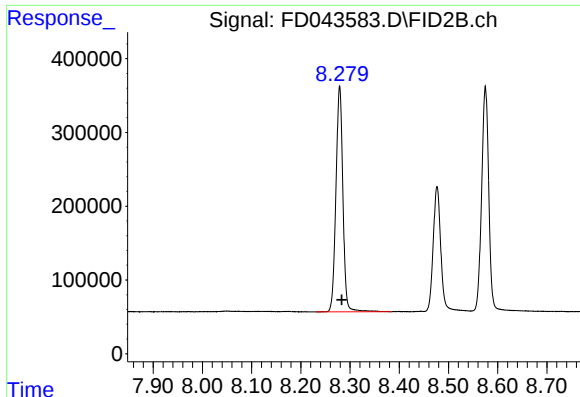
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 2848554
Conc: 19.45 ug/ml



#4 2-Bromonaphthalene (SURR)

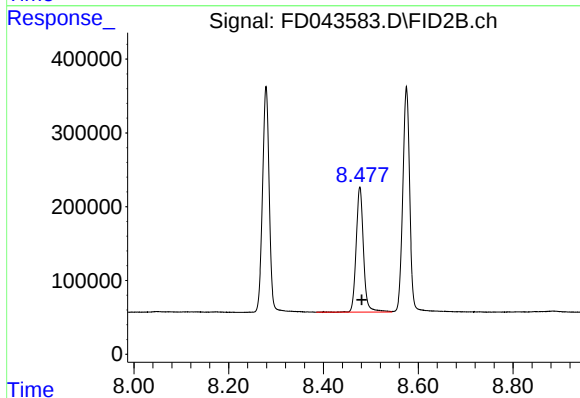
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 2747273
Conc: 19.42 ug/ml



#5 Acenaphthylene (C15.06)

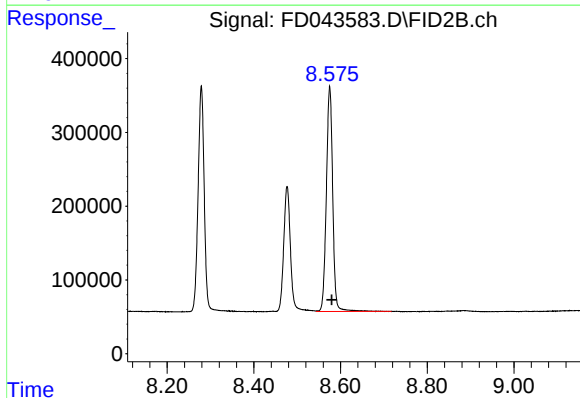
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 3015444
Conc: 18.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



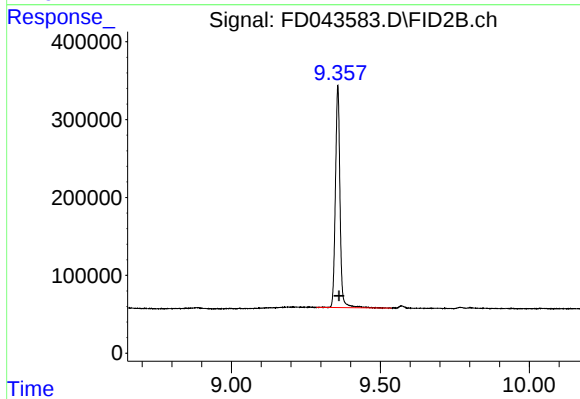
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1843955
Conc: 19.40 ug/ml



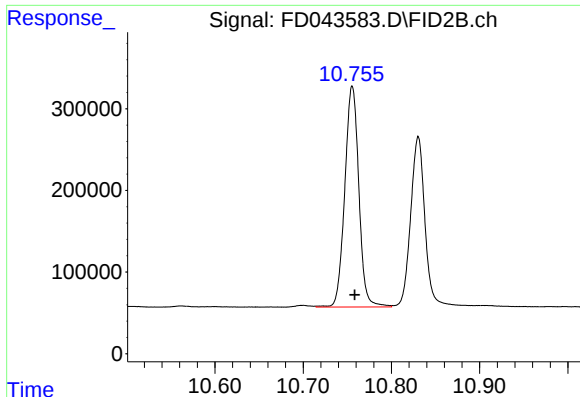
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.005 min
Response: 3115835
Conc: 19.27 ug/ml



#8 Fluorene (C16.55)

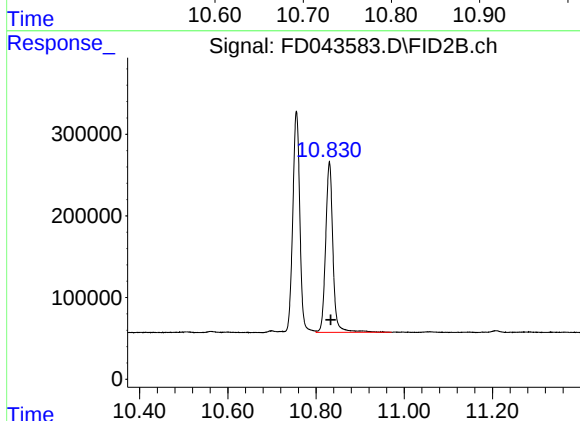
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 3061090
Conc: 19.54 ug/ml



#9 Phenanthrene (C19.36)

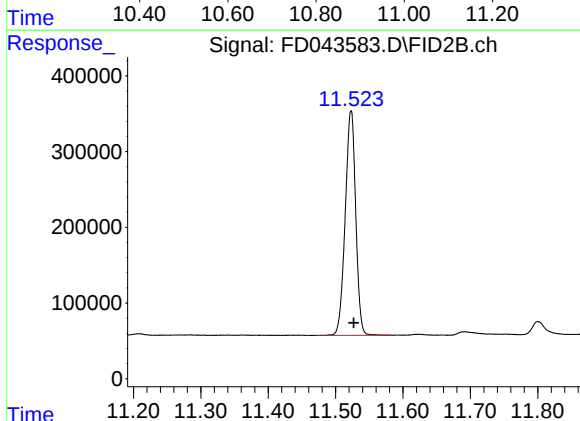
R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 2995713
Conc: 19.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



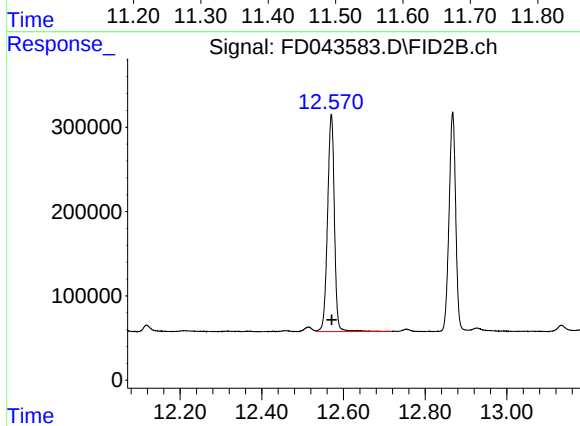
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2402866
Conc: 15.60 ug/ml



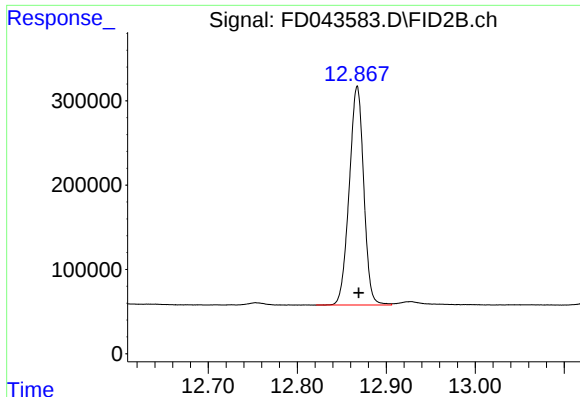
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.004 min
Response: 3219315
Conc: 18.99 ug/ml



#12 Fluoranthene (C21.85)

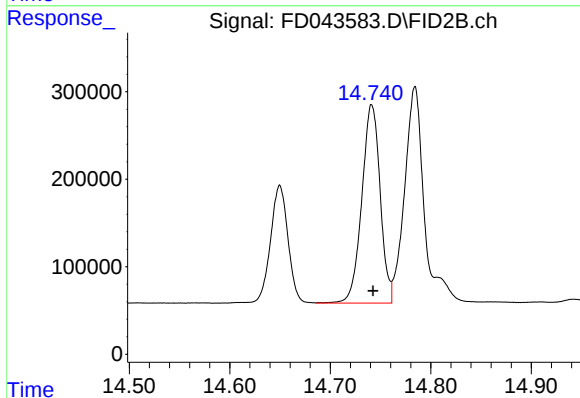
R.T.: 12.570 min
Delta R.T.: -0.001 min
Response: 3004828
Conc: 18.97 ug/ml



#13 Pyrene (C20.8)

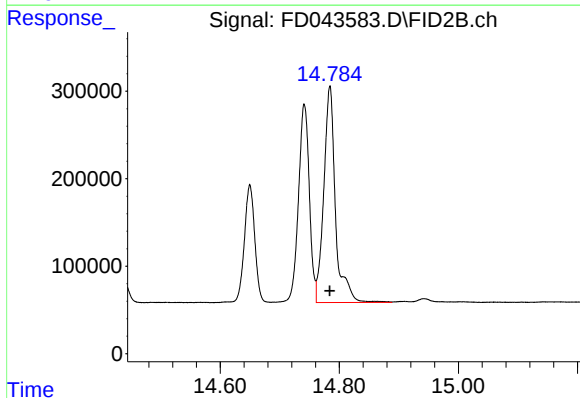
R.T.: 12.867 min
Delta R.T.: -0.002 min
Response: 2940260
Conc: 18.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



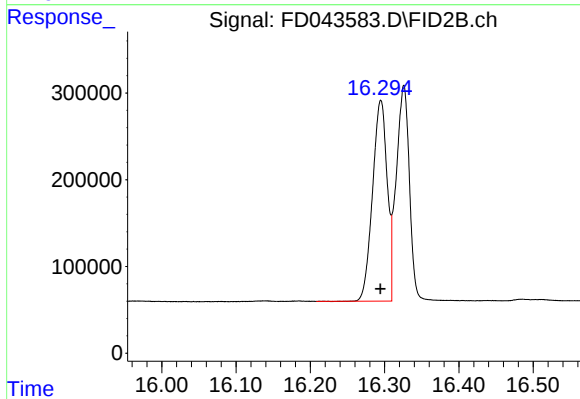
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.001 min
Response: 2877526
Conc: 19.50 ug/ml



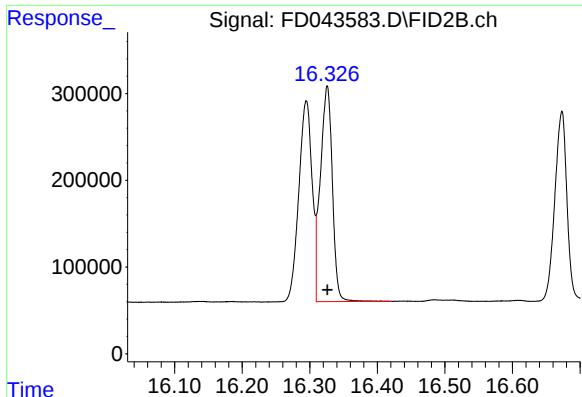
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 3391565
Conc: 21.70 ug/ml



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

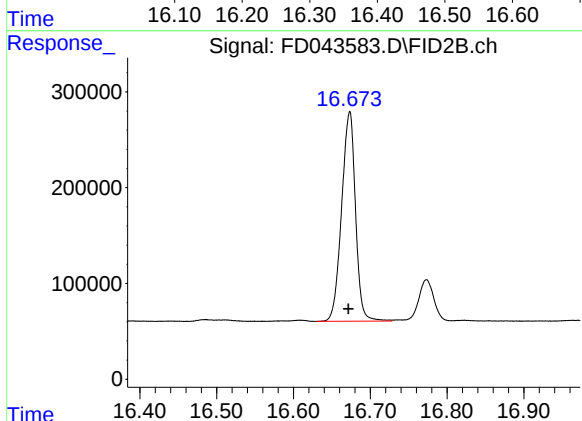
R.T.: 16.295 min
Delta R.T.: 0.000 min
Response: 3162525
Conc: 21.14 ug/ml



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

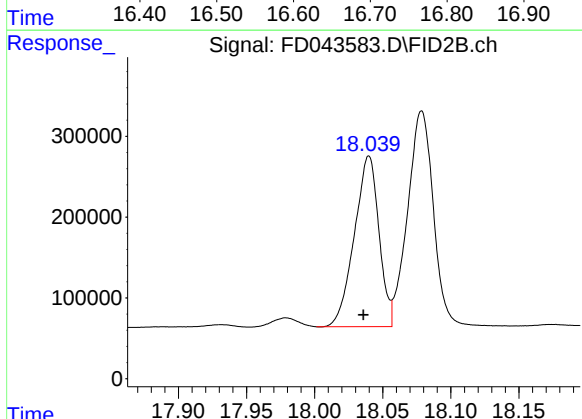
R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 3067516
Conc: 20.44 ug/ml

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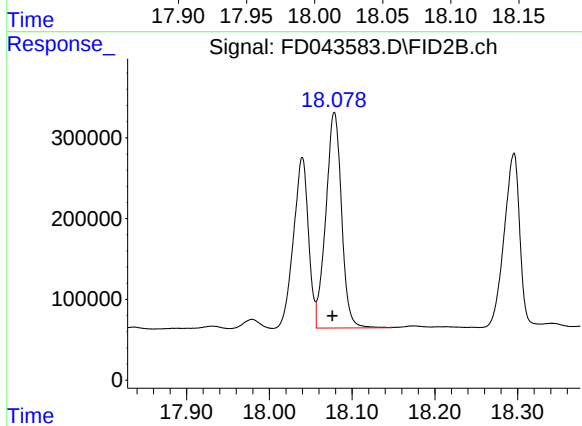
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: 0.001 min
Response: 2745742
Conc: 19.43 ug/ml



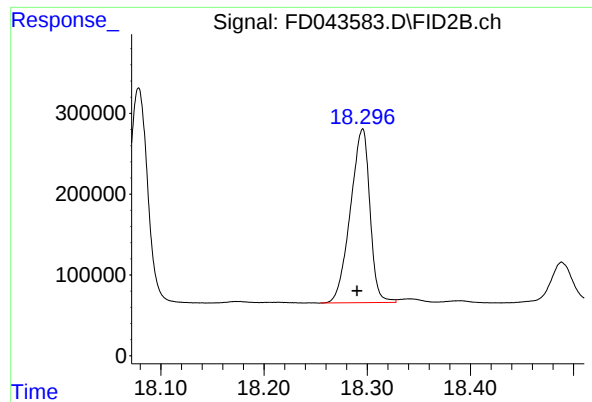
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 2652756
Conc: 22.45 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.002 min
Response: 3526671
Conc: 24.86 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.005 min
Response: 2821012
Conc: 21.69 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD