

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043658.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 16:28
 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 18 17:05:15 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...	7.609	2887391	20.413 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.473	1891286	19.894 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.79%
11) S ortho-Terphenyl (SURR)	11.519	3258383	19.225 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	3350017	21.360 ug/ml
2) T Naphthalene (C11.7)	5.944	3340128	20.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3016482	20.601 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3196424	19.690 ug/ml
7) T Acenaphthene (C15.5)	8.571	3226806	19.959 ug/ml
8) T Flouorene (C16.55)	9.354	3121001	19.917 ug/ml
9) T Phenanthrene (C19.36)	10.753	3035453	19.368 ug/ml
10) T Anthracene (C19.43)	10.827	2868961	18.628 ug/ml
12) T Fluoranthene (C21.85)	12.568	2981529	18.825 ug/ml
13) T Pyrene (C20.8)	12.866	2919067	18.574 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2864379	19.415 ug/ml
15) T Chrysene (C27.41)	14.784	2972851	19.025 ug/ml
16) T benzo[b]fluoranthene ...	16.295	3065391	20.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	2989890	19.925 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2911996	20.602 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2688304	22.747 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	3128786	22.059 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	2950724	22.690 ug/ml

(f)=RT Delta > 1/2 Window

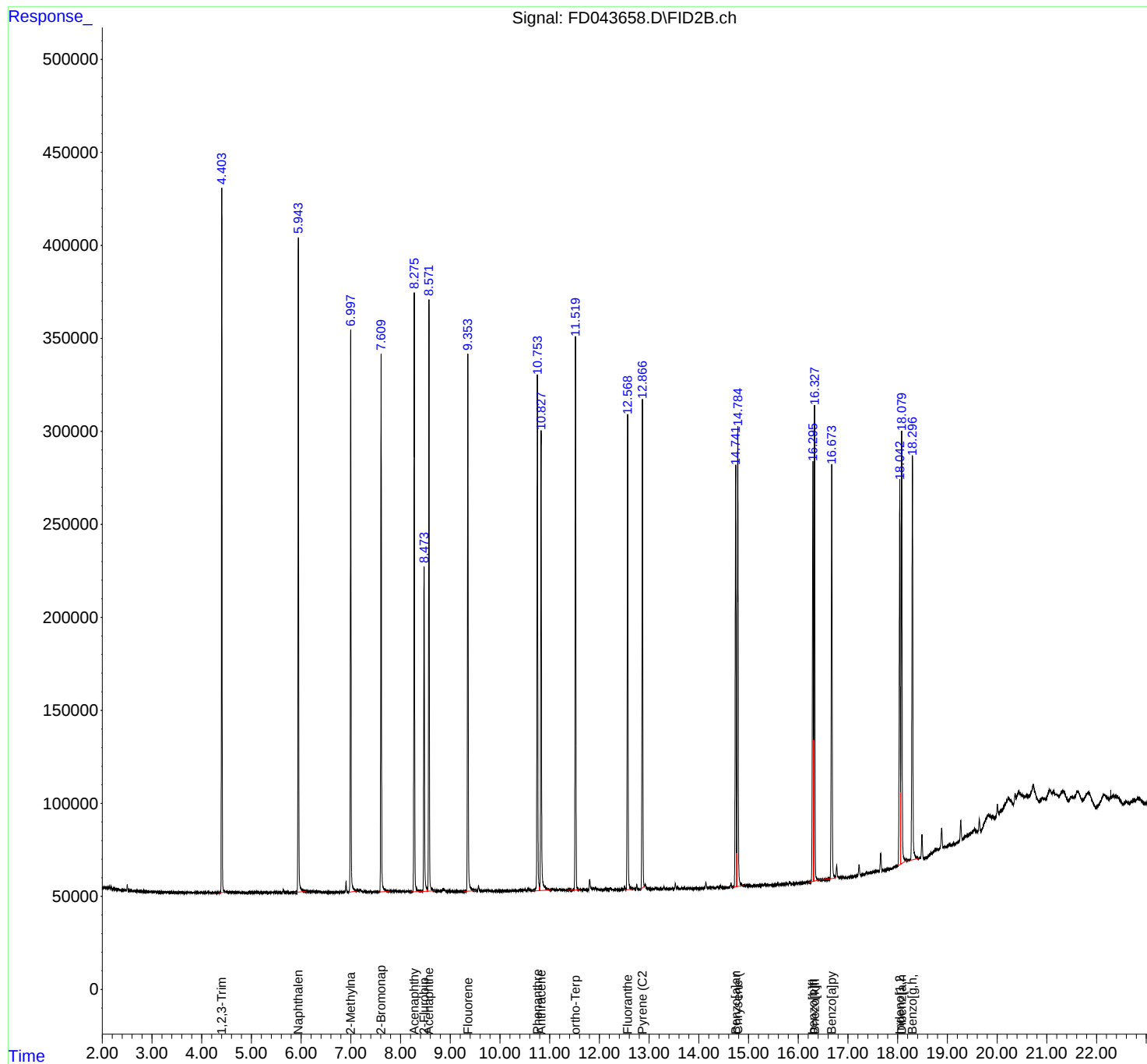
(m)=manual int.

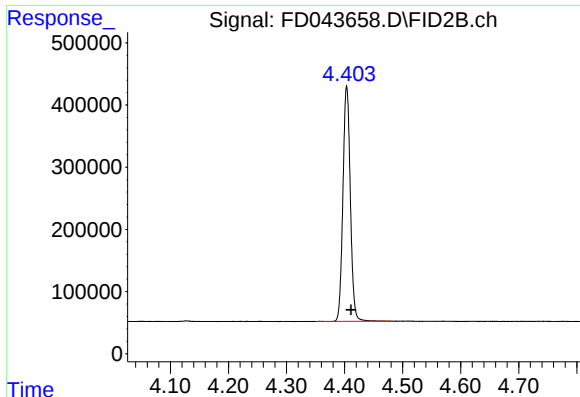
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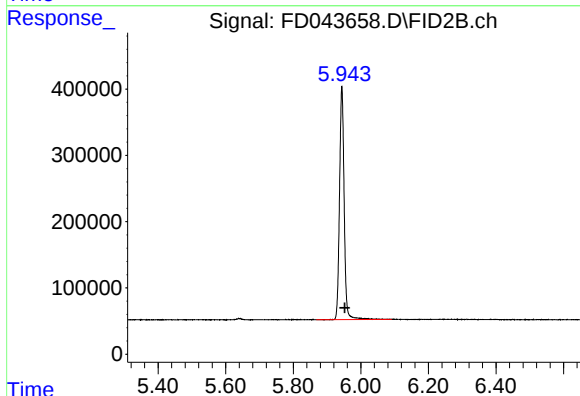




#1 1,2,3-Trimethylbenzene (C10.1)

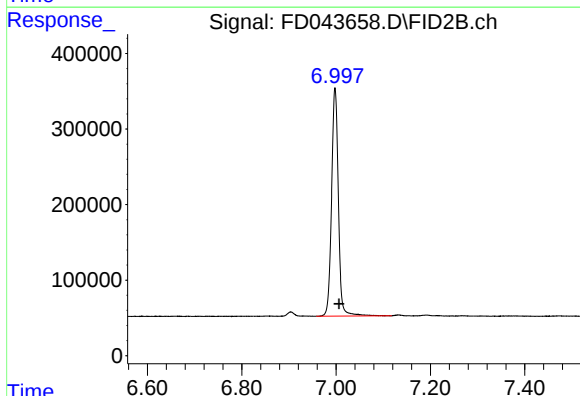
R.T.: 4.404 min
Delta R.T.: -0.007 min
Response: 3350017
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



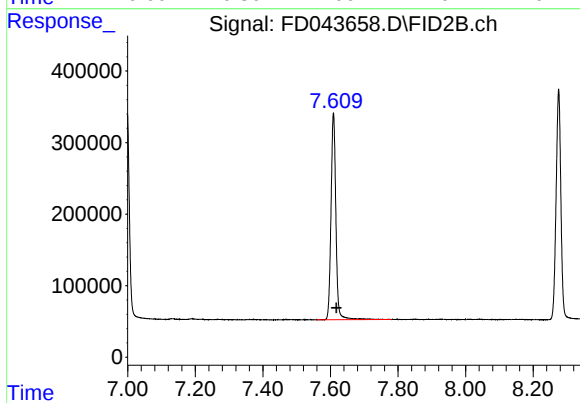
#2 Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3340128
Conc: 20.66 ug/ml



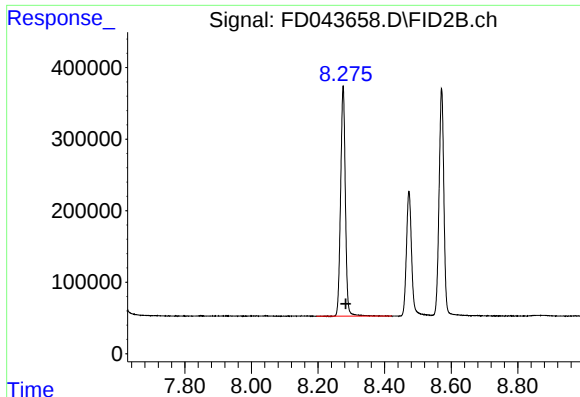
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 3016482
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

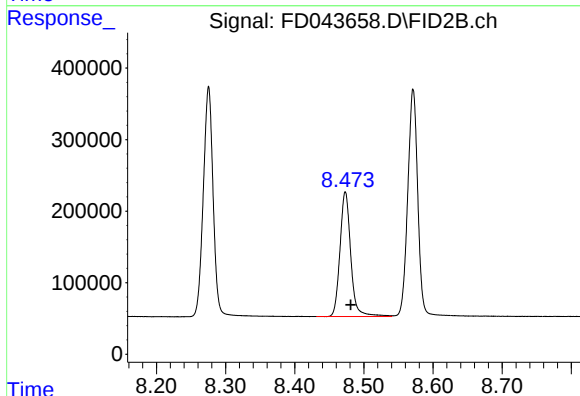
R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 2887391
Conc: 20.41 ug/ml



#5 Acenaphthylene (C15.06)

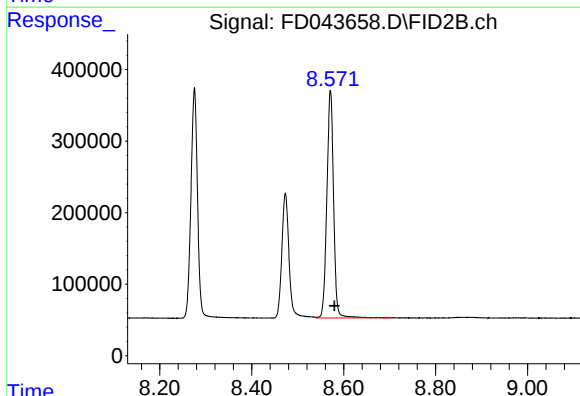
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 3196424
Conc: 19.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



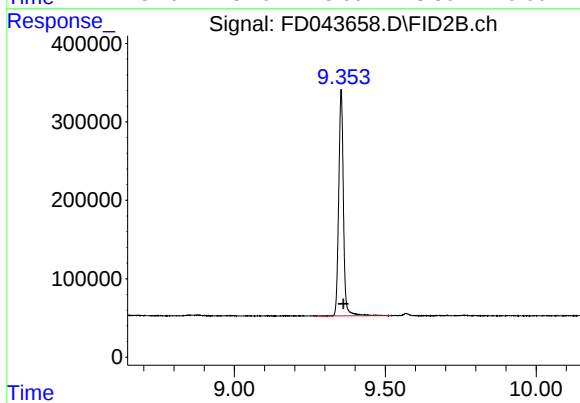
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 1891286
Conc: 19.89 ug/ml



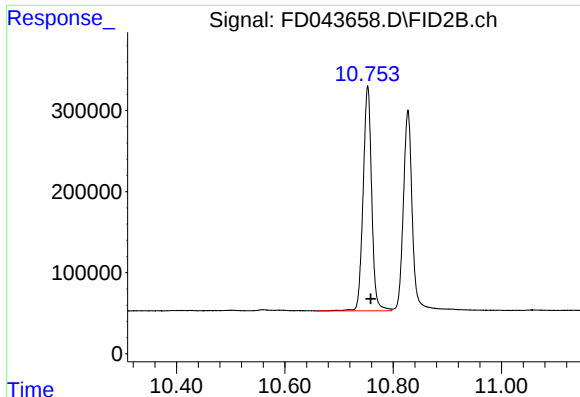
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 3226806
Conc: 19.96 ug/ml



#8 Fluorene (C16.55)

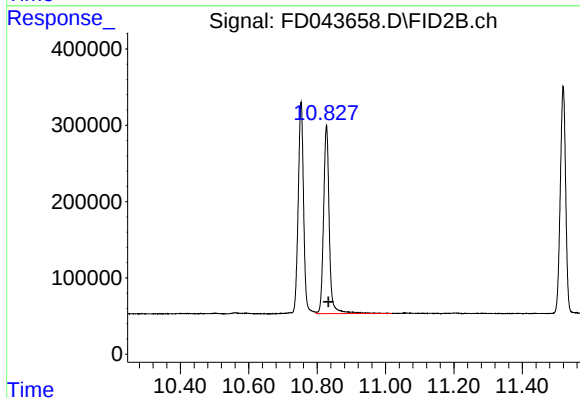
R.T.: 9.354 min
Delta R.T.: -0.008 min
Response: 3121001
Conc: 19.92 ug/ml



#9 Phenanthrene (C19.36)

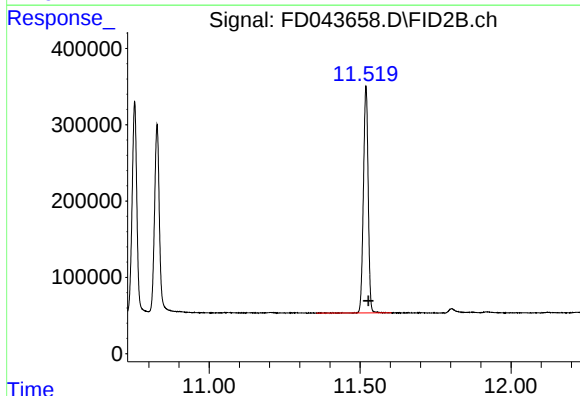
R.T.: 10.753 min
Delta R.T.: -0.006 min
Response: 3035453
Conc: 19.37 ug/ml

Instrument :
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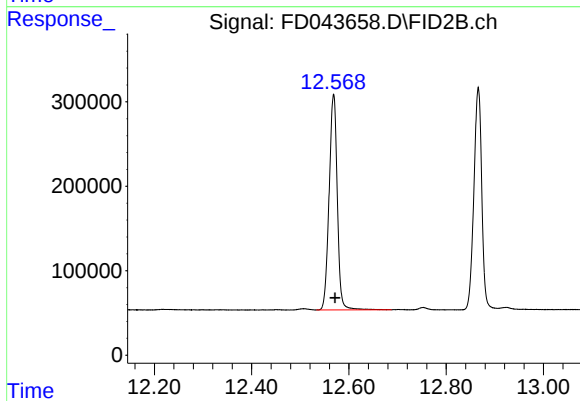
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.006 min
Response: 2868961
Conc: 18.63 ug/ml



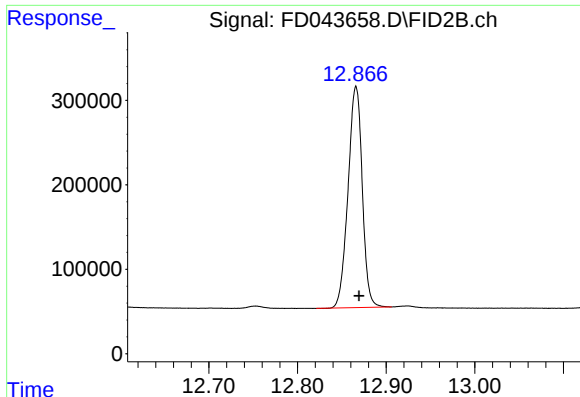
#11 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 3258383
Conc: 19.22 ug/ml



#12 Fluoranthene (C21.85)

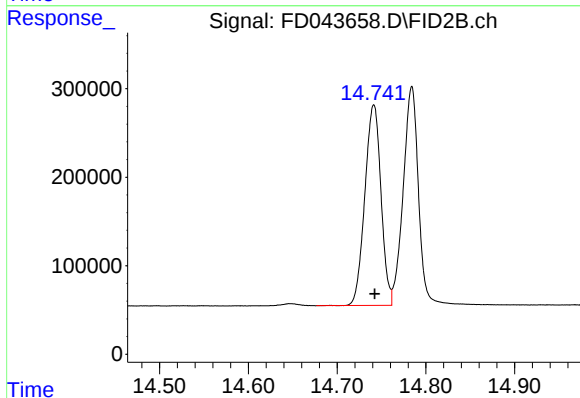
R.T.: 12.568 min
Delta R.T.: -0.003 min
Response: 2981529
Conc: 18.82 ug/ml



#13 Pyrene (C20.8)

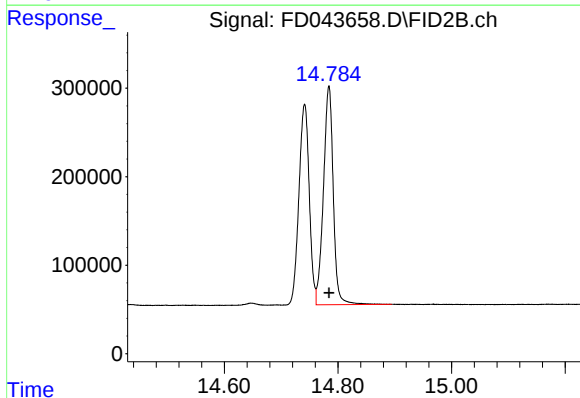
R.T.: 12.866 min
Delta R.T.: -0.003 min
Response: 2919067
Conc: 18.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



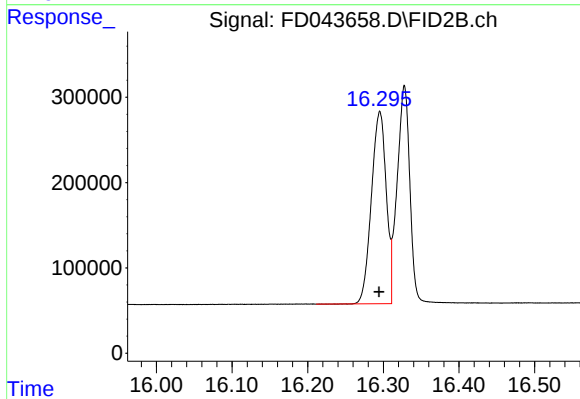
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.001 min
Response: 2864379
Conc: 19.42 ug/ml



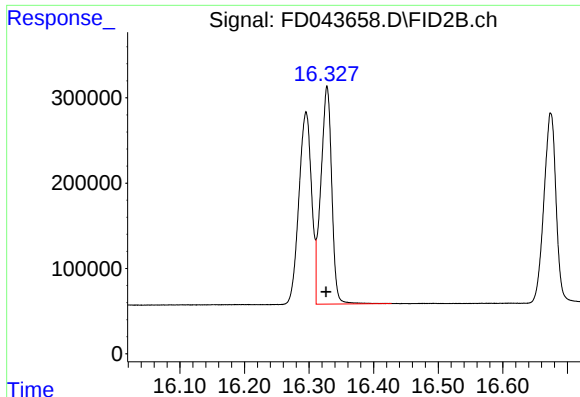
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2972851
Conc: 19.02 ug/ml



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

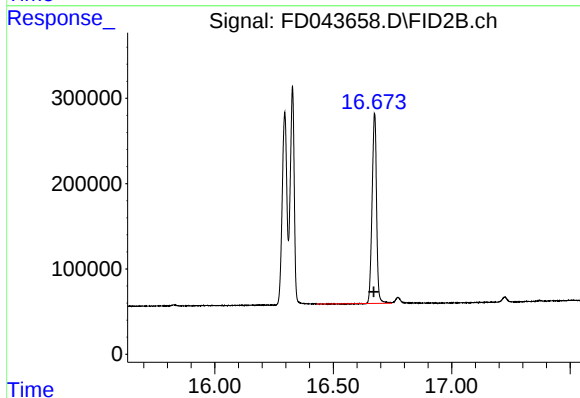
R.T.: 16.295 min
Delta R.T.: 0.000 min
Response: 3065391
Conc: 20.49 ug/ml



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

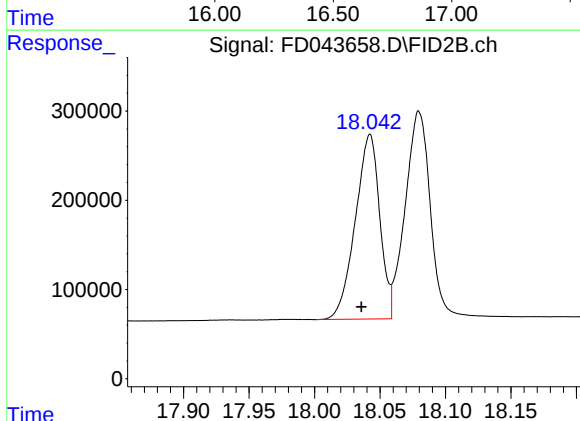
R.T.: 16.328 min
Delta R.T.: 0.001 min
Response: 2989890
Conc: 19.93 ug/ml

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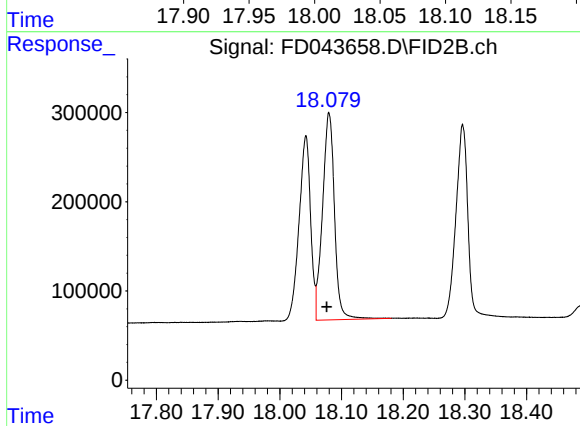
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: 0.003 min
Response: 2911996
Conc: 20.60 ug/ml



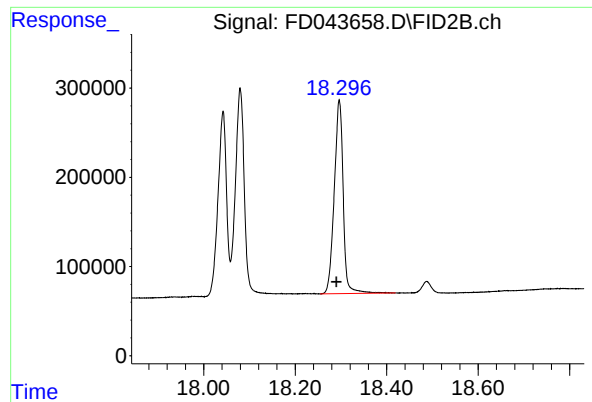
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.006 min
Response: 2688304
Conc: 22.75 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 3128786
Conc: 22.06 ug/ml



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

R.T.: 18.296 min
Delta R.T.: 0.006 min
Response: 2950724
Conc: 22.69 ug/ml

Instrument :

FID_D

ClientSampleId :

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