

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046895.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2023 08:07
 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: Nov 10 08:41:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.481	3483177	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
6) S 2-Fluorobiphenyl (SURR)	8.334	2289755	19.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.91%
11) S ortho-Terphenyl (SURR)	11.370	4135477	19.529 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	3581669	18.546 ug/ml
2) T Naphthalene (C11.7)	5.821	3776130	18.858 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	3810557	18.960 ug/ml
5) T Acenaphthylene (C15.06)	8.137	3514025	19.105 ug/ml
7) T Acenaphthene (C15.5)	8.432	3757716	19.183 ug/ml
8) T Flouorene (C16.55)	9.210	3627645	19.612 ug/ml
9) T Phenanthrene (C19.36)	10.599	3486418	19.597 ug/ml
10) T Anthracene (C19.43)	10.673	2890201	16.959 ug/ml
12) T Fluoranthene (C21.85)	12.401	3476276	20.128 ug/ml
13) T Pyrene (C20.8)	12.694	3349065	20.141 ug/ml
14) T Benzo[a]anthracene (C...	14.558	2814050	20.001 ug/ml
15) T Chrysene (C27.41)	14.600	3017184	19.346 ug/ml
16) T benzo[b]fluoranthene ...	16.099	2874535	20.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	2924780	19.977 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	2762605	19.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2551091	20.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	2819521	20.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	2702590	19.356 ug/ml

(f)=RT Delta > 1/2 Window

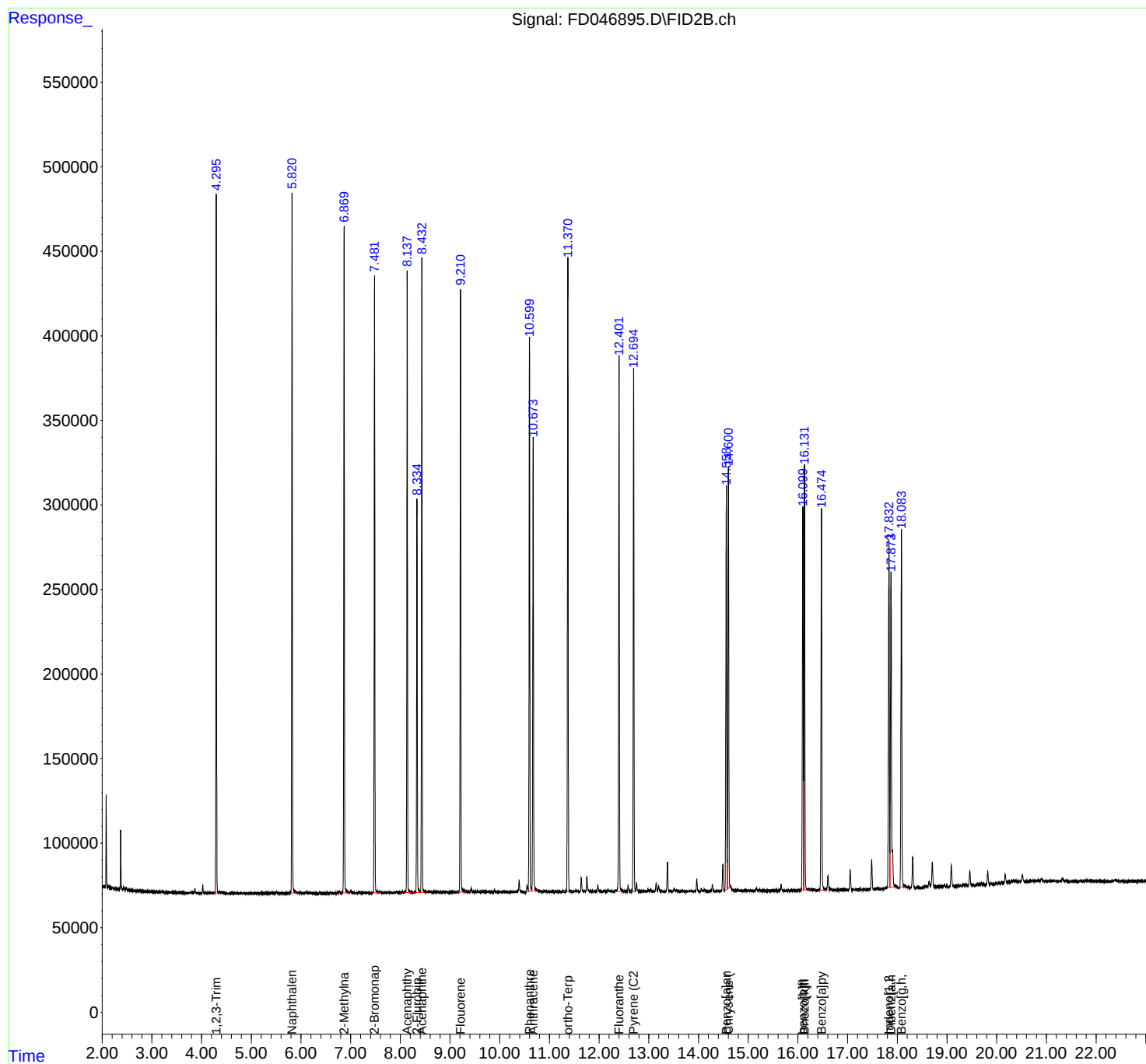
(m)=manual int.

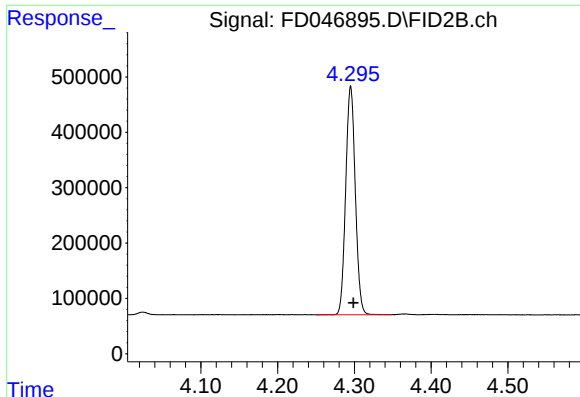
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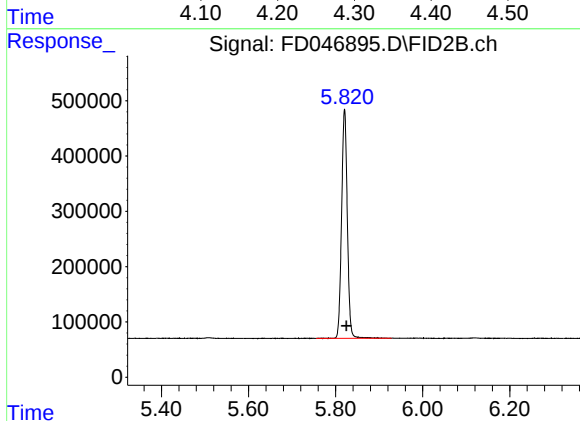




#1 1,2,3-Trimethylbenzene (C10.1)

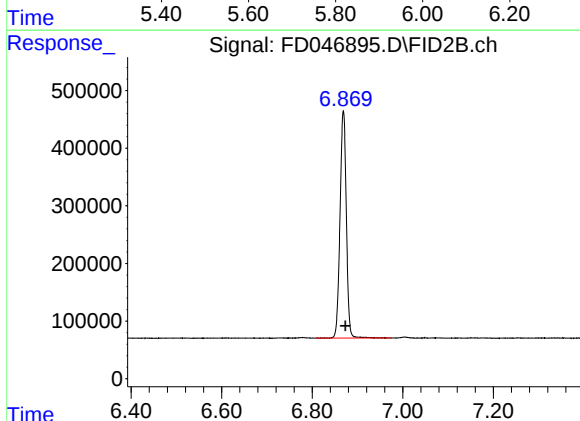
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 3581669
Conc: 18.55 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



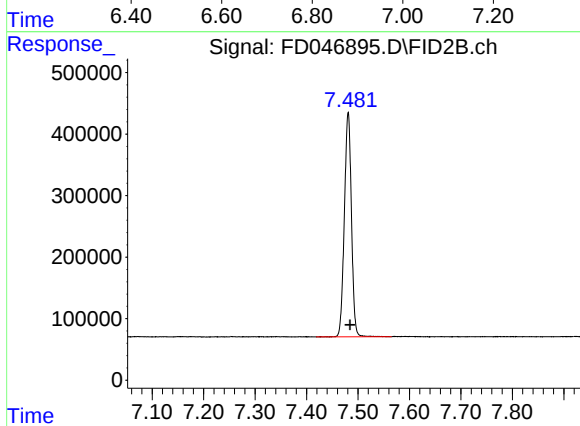
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 3776130
Conc: 18.86 ug/ml



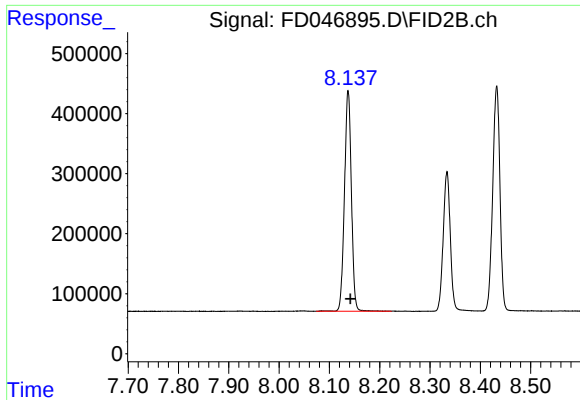
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 3810557
Conc: 18.96 ug/ml



#4 2-Bromonaphthalene (SURR)

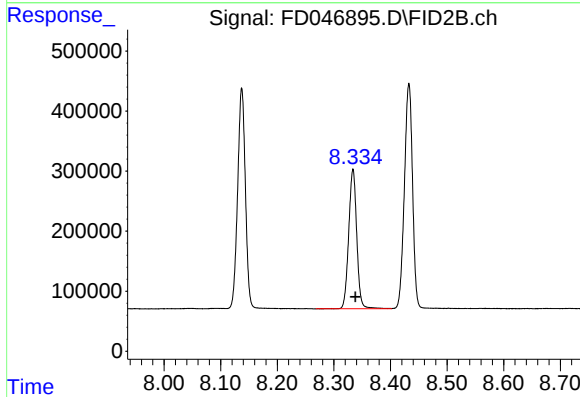
R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 3483177
Conc: 19.10 ug/ml



#5 Acenaphthylene (C15.06)

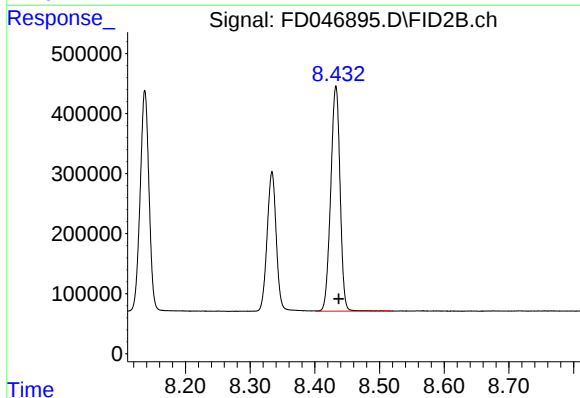
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 3514025
Conc: 19.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



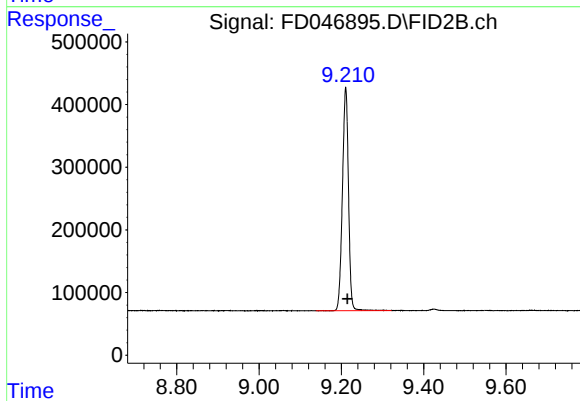
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 2289755
Conc: 19.46 ug/ml



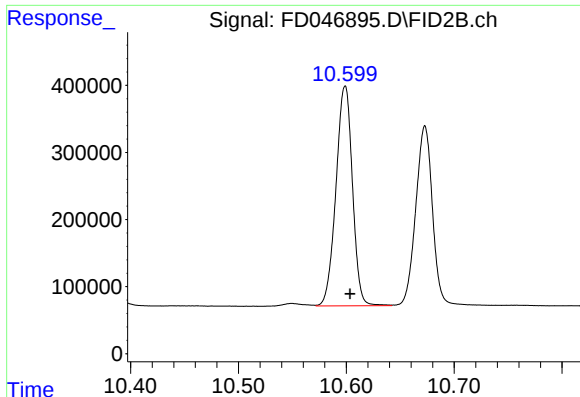
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.004 min
Response: 3757716
Conc: 19.18 ug/ml



#8 Fluorene (C16.55)

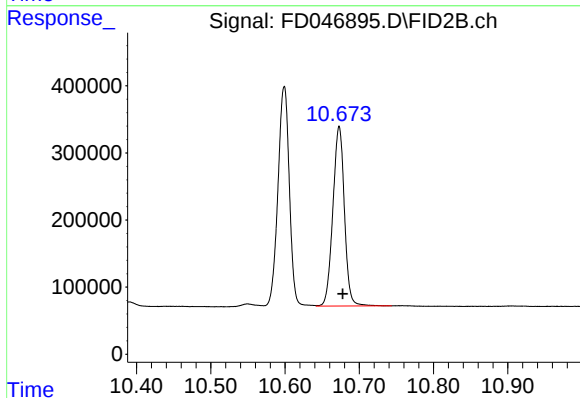
R.T.: 9.210 min
Delta R.T.: -0.004 min
Response: 3627645
Conc: 19.61 ug/ml



#9 Phenanthrene (C19.36)

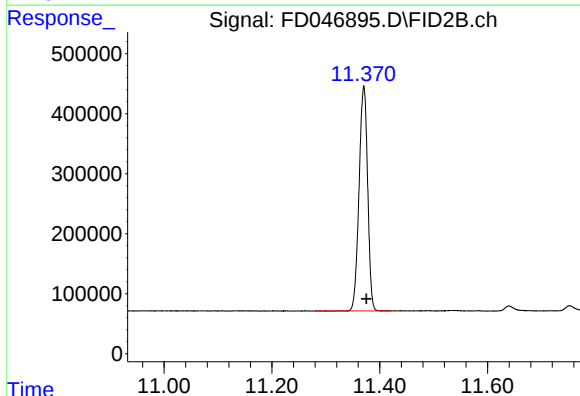
R.T.: 10.599 min
Delta R.T.: -0.005 min
Response: 3486418
Conc: 19.60 ug/ml

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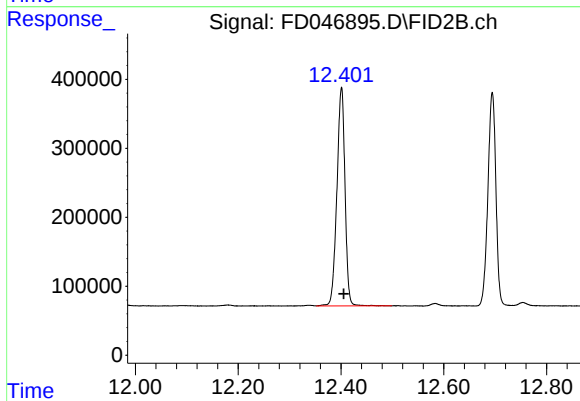
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.005 min
Response: 2890201
Conc: 16.96 ug/ml



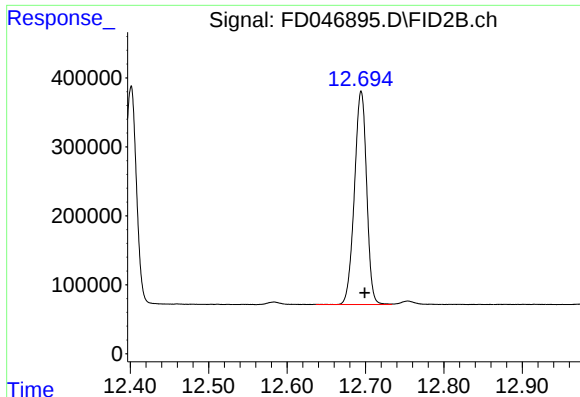
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 4135477
Conc: 19.53 ug/ml



#12 Fluoranthene (C21.85)

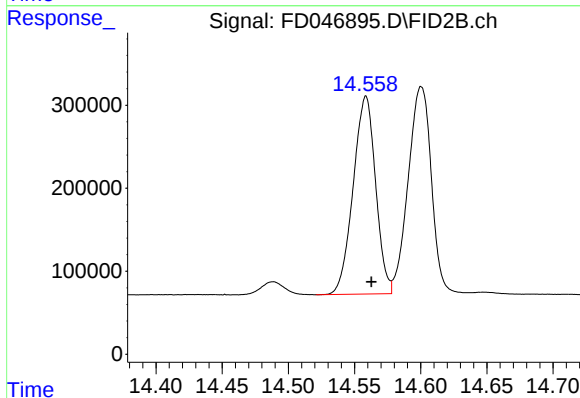
R.T.: 12.401 min
Delta R.T.: -0.005 min
Response: 3476276
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

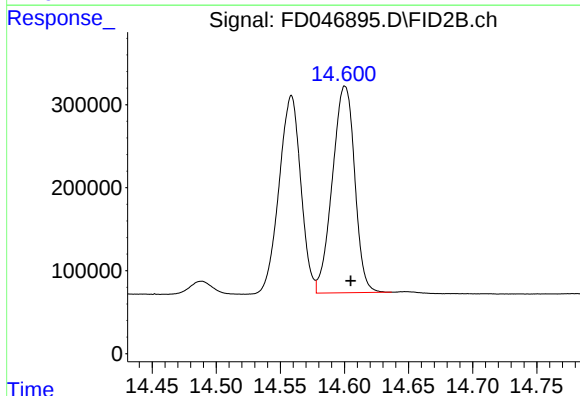
R.T.: 12.694 min
Delta R.T.: -0.005 min
Response: 3349065
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



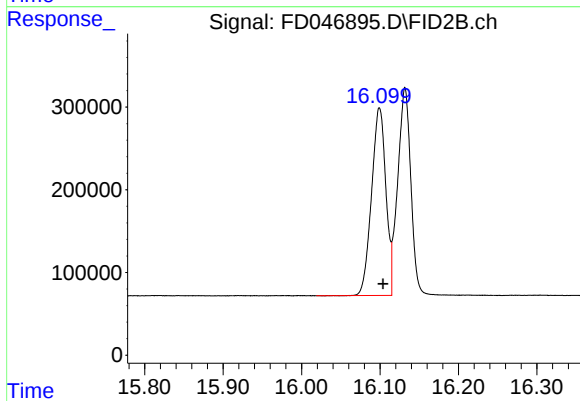
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: -0.004 min
Response: 2814050
Conc: 20.00 ug/ml



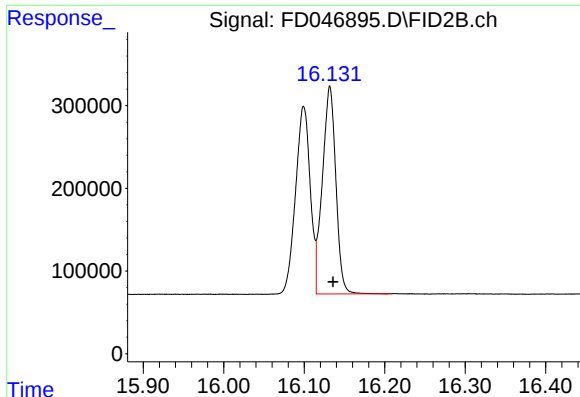
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: -0.005 min
Response: 3017184
Conc: 19.35 ug/ml



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

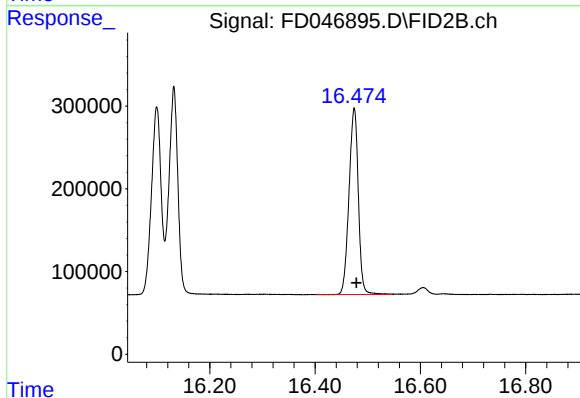
R.T.: 16.099 min
Delta R.T.: -0.005 min
Response: 2874535
Conc: 20.08 ug/ml



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

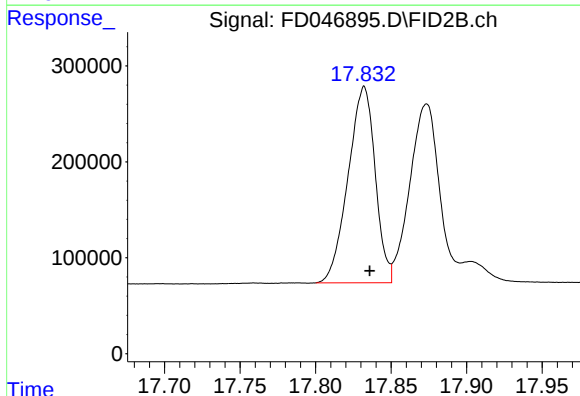
R.T.: 16.132 min
Delta R.T.: -0.004 min
Response: 2924780
Conc: 19.98 ug/ml

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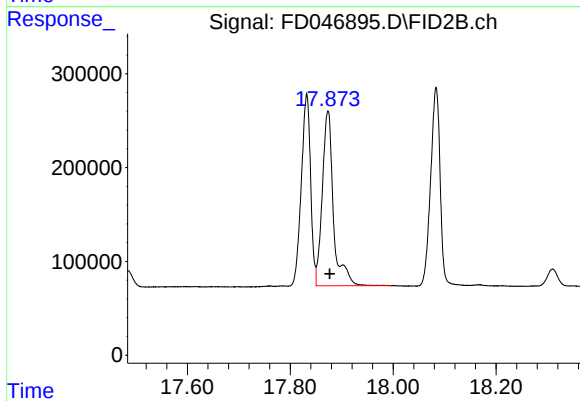
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: -0.004 min
Response: 2762605
Conc: 19.71 ug/ml



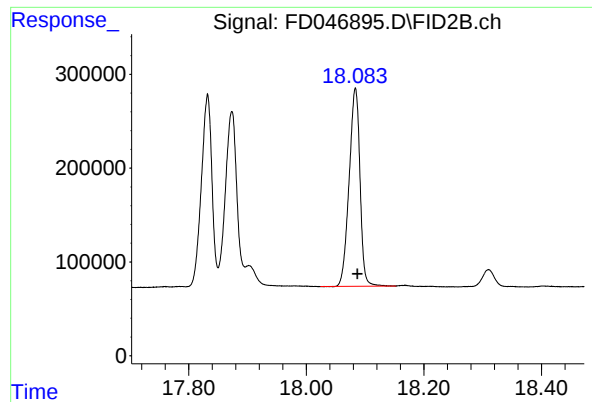
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: -0.004 min
Response: 2551091
Conc: 20.19 ug/ml



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

R.T.: 17.873 min
Delta R.T.: -0.004 min
Response: 2819521
Conc: 20.18 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 2702590
Conc: 19.36 ug/ml

Instrument :

FID_D

ClientSampleId :

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