

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046883.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2023 23:50
 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 00:37:58 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	3474477	19.051 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
6) S 2-Fluorobiphenyl (SURR)	8.334	2249716	19.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.23%
11) S ortho-Terphenyl (SURR)	11.371	4098594	19.355 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	3630249	18.797 ug/ml
2) T Naphthalene (C11.7)	5.821	3785527	18.905 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	3827569	19.044 ug/ml
5) T Acenaphthylene (C15.06)	8.137	3489088	18.970 ug/ml
7) T Acenaphthene (C15.5)	8.433	3724289	19.013 ug/ml
8) T Flouorene (C16.55)	9.211	3582453	19.368 ug/ml
9) T Phenanthrene (C19.36)	10.599	3419712	19.222 ug/ml
10) T Anthracene (C19.43)	10.673	2856713	16.763 ug/ml
12) T Fluoranthene (C21.85)	12.401	3355007	19.426 ug/ml
13) T Pyrene (C20.8)	12.695	3242460	19.500 ug/ml
14) T Benzo[a]anthracene (C...	14.559	2685499	19.088 ug/ml
15) T Chrysene (C27.41)	14.600	2942988	18.871 ug/ml
16) T benzo[b]fluoranthene ...	16.100	2765697	19.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	2791339	19.066 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	2653239	18.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2485918	19.678 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	2715772	19.440 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2646937	18.957 ug/ml

(f)=RT Delta > 1/2 Window

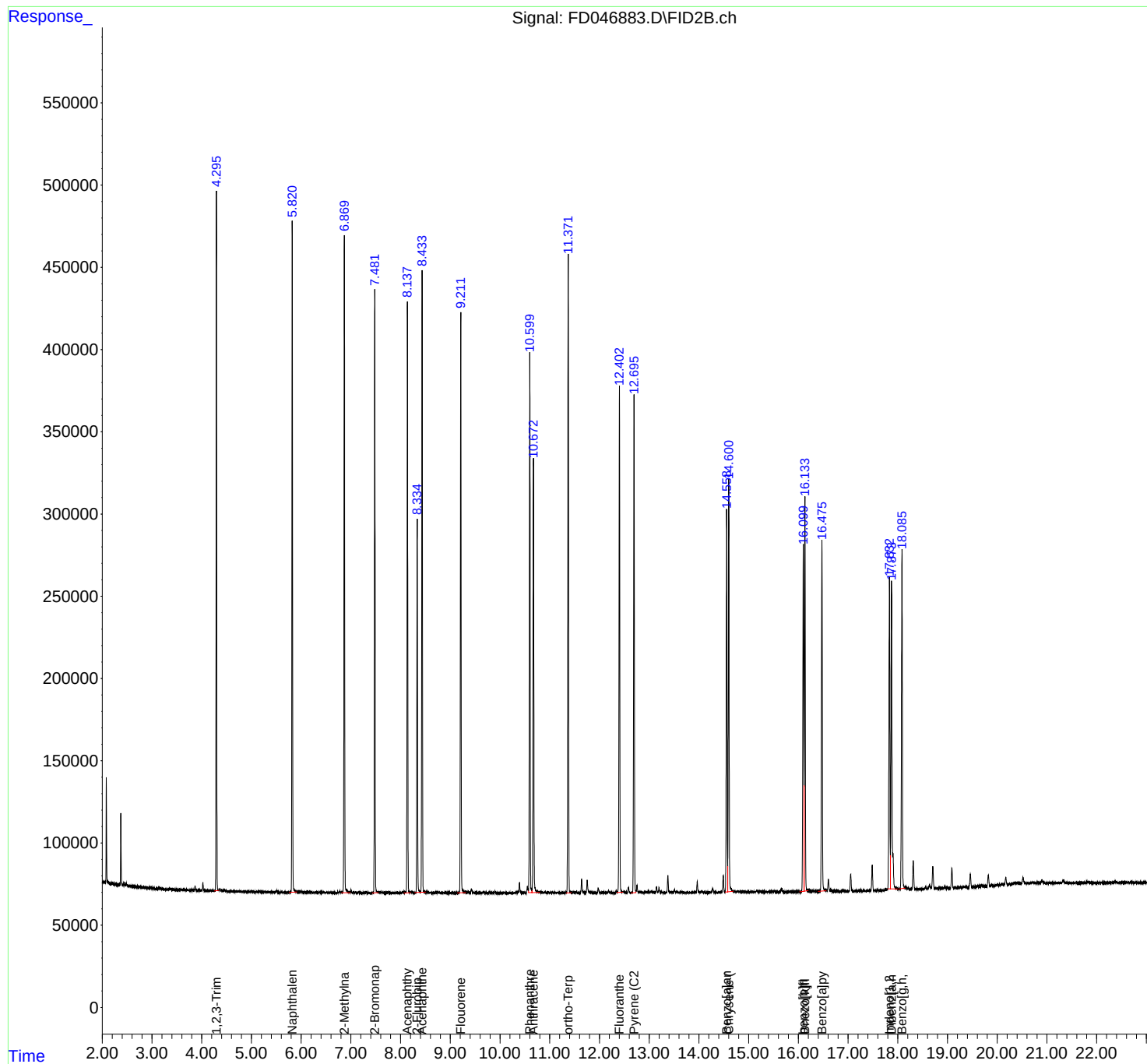
(m)=manual int.

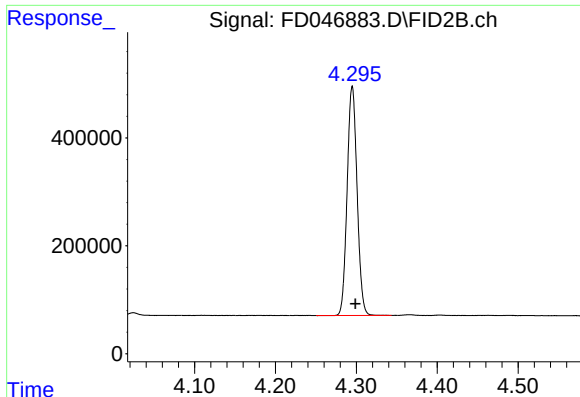
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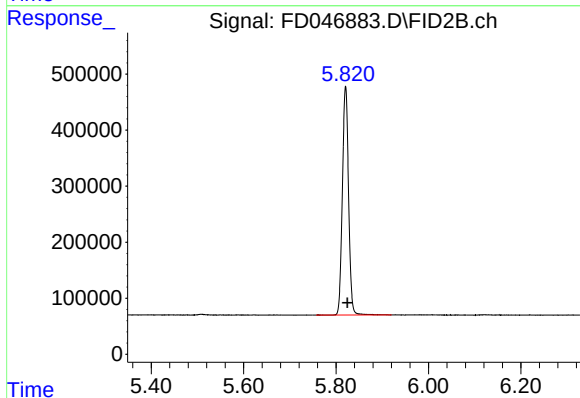




#1 1,2,3-Trimethylbenzene (C10.1)

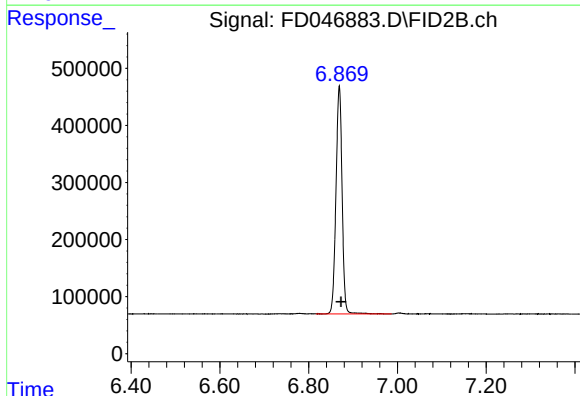
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 3630249
Conc: 18.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



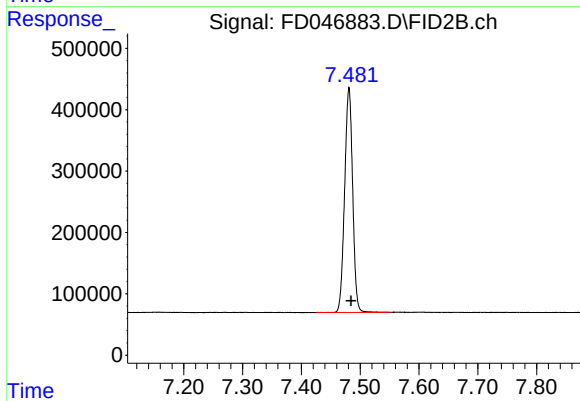
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 3785527
Conc: 18.90 ug/ml



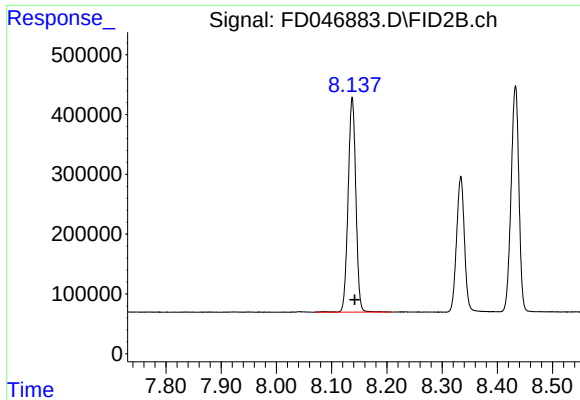
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 3827569
Conc: 19.04 ug/ml



#4 2-Bromonaphthalene (SURR)

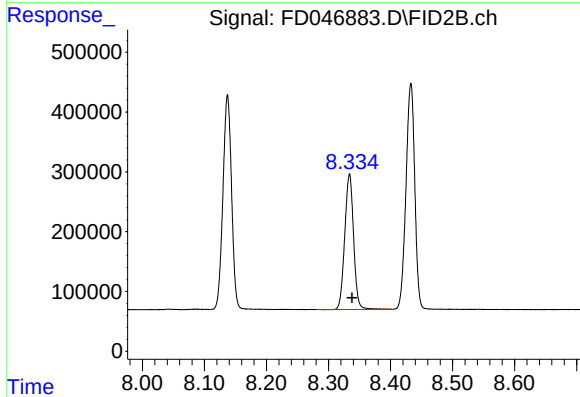
R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 3474477
Conc: 19.05 ug/ml



#5 Acenaphthylene (C15.06)

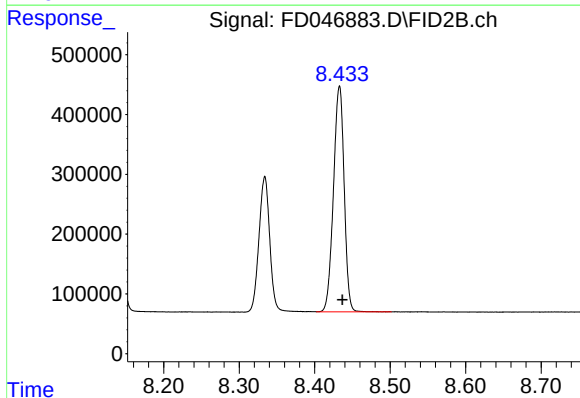
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 3489088
Conc: 18.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



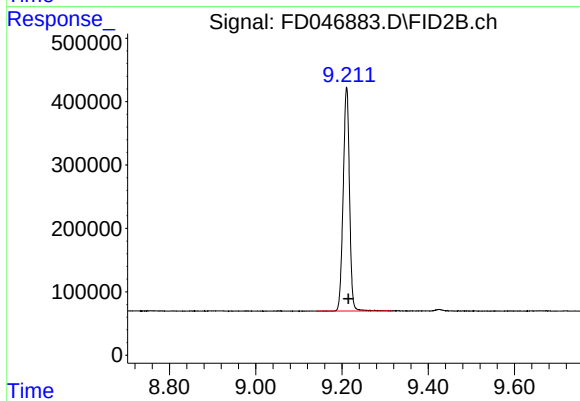
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 2249716
Conc: 19.12 ug/ml



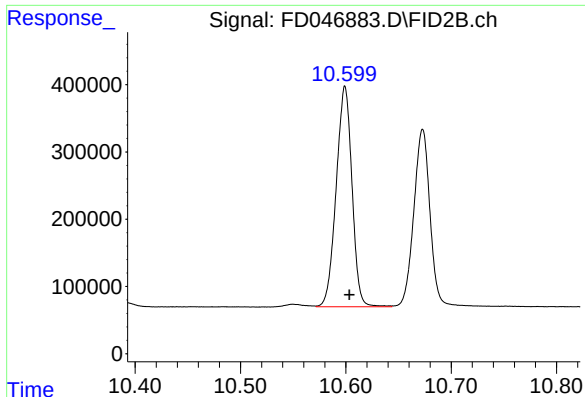
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 3724289
Conc: 19.01 ug/ml



#8 Fluorene (C16.55)

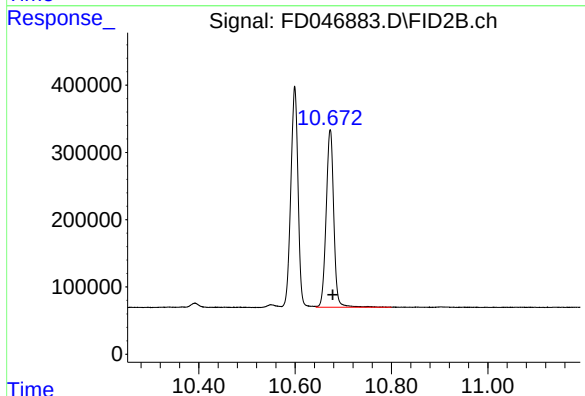
R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 3582453
Conc: 19.37 ug/ml



#9 Phenanthrene (C19.36)

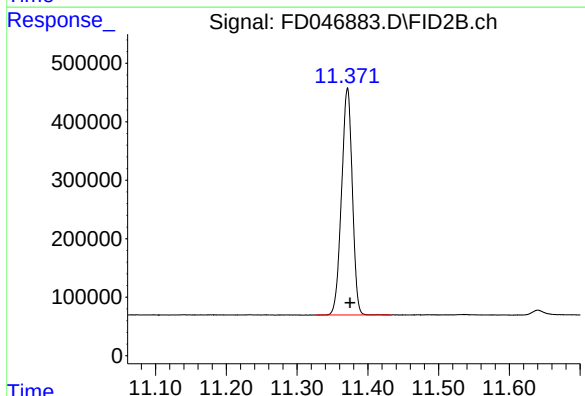
R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 3419712
Conc: 19.22 ug/ml

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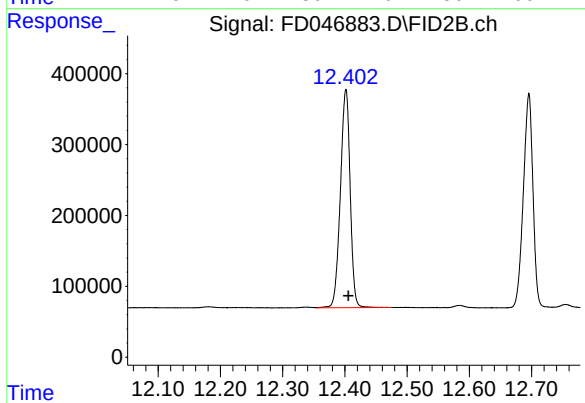
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.005 min
Response: 2856713
Conc: 16.76 ug/ml



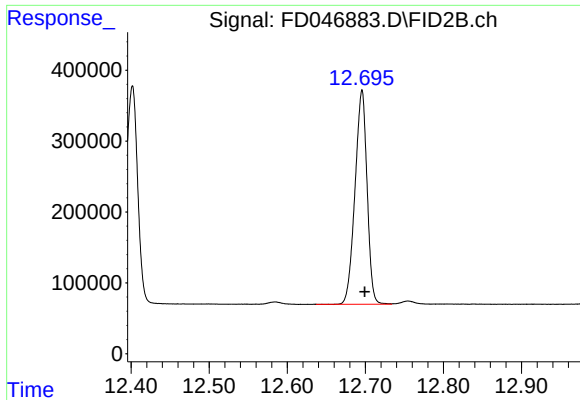
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 4098594
Conc: 19.36 ug/ml



#12 Fluoranthene (C21.85)

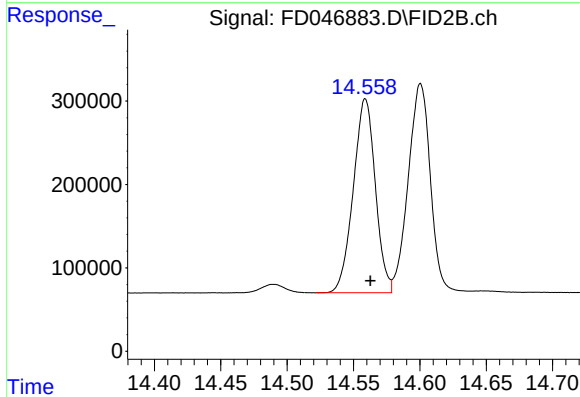
R.T.: 12.401 min
Delta R.T.: -0.004 min
Response: 3355007
Conc: 19.43 ug/ml



#13 Pyrene (C20.8)

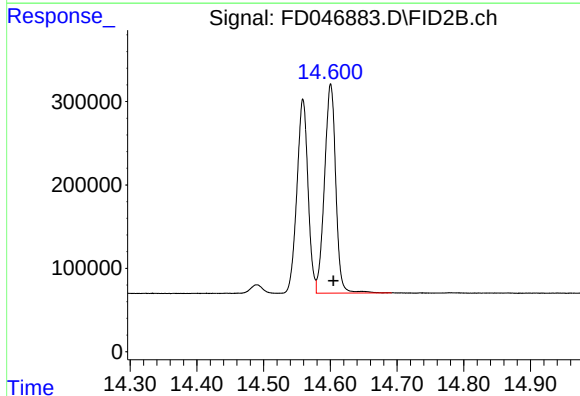
R.T.: 12.695 min
Delta R.T.: -0.004 min
Response: 3242460
Conc: 19.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



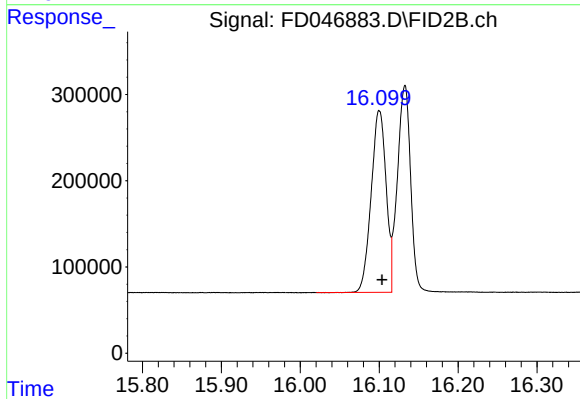
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: -0.004 min
Response: 2685499
Conc: 19.09 ug/ml



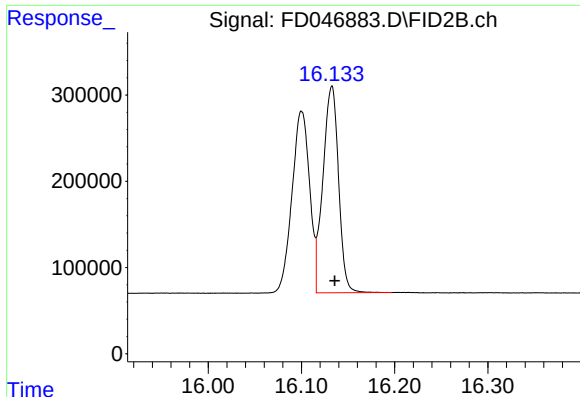
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: -0.004 min
Response: 2942988
Conc: 18.87 ug/ml



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

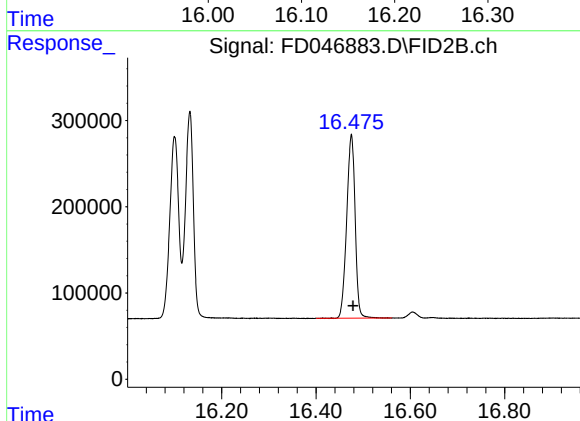
R.T.: 16.100 min
Delta R.T.: -0.004 min
Response: 2765697
Conc: 19.32 ug/ml



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

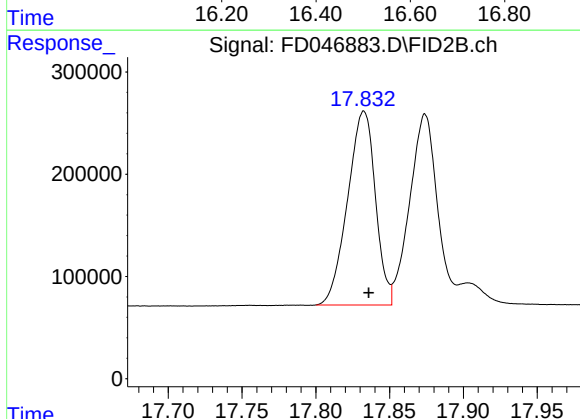
R.T.: 16.132 min
Delta R.T.: -0.003 min
Response: 2791339
Conc: 19.07 ug/ml

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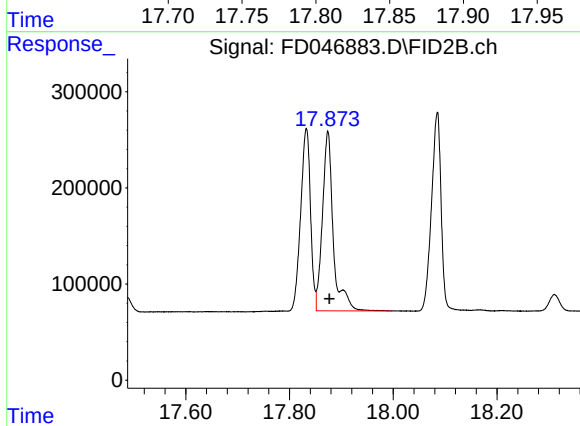
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 2653239
Conc: 18.93 ug/ml



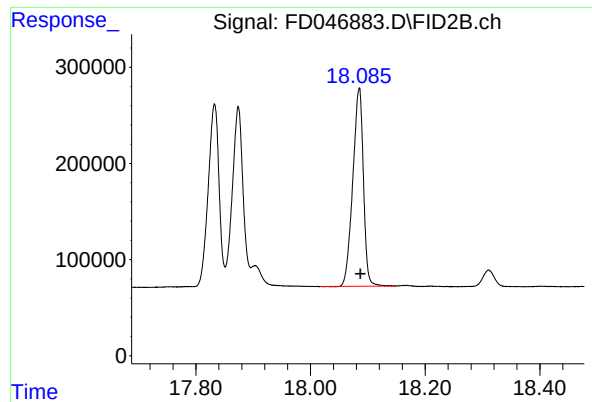
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: -0.004 min
Response: 2485918
Conc: 19.68 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.003 min
Response: 2715772
Conc: 19.44 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 2646937
Conc: 18.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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