

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046722.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 18:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 11 02:52:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.487	3825424	20.607 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
6) S 2-Fluorobiphenyl (SURR)	8.341	2506770	20.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.38%
11) S ortho-Terphenyl (SURR)	11.379	4458688	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	3977862	20.485 ug/ml
2) T Naphthalene (C11.7)	5.827	4174668	20.635 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	4212664	20.624 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3825729	20.725 ug/ml
7) T Acenaphthene (C15.5)	8.440	4100537	20.627 ug/ml
8) T Flouorene (C16.55)	9.218	3957028	20.788 ug/ml
9) T Phenanthrene (C19.36)	10.607	3823783	20.745 ug/ml
10) T Anthracene (C19.43)	10.681	3091121	23.644 ug/ml
12) T Fluoranthene (C21.85)	12.410	3790876	20.807 ug/ml
13) T Pyrene (C20.8)	12.705	3653307	20.833 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3082874	21.051 ug/ml
15) T Chrysene (C27.41)	14.610	3344441	20.787 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3107412	20.796 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3093089	20.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	3000125	21.214 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2801243	20.662 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2878177	20.370 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2927663	20.812 ug/ml

(f)=RT Delta > 1/2 Window

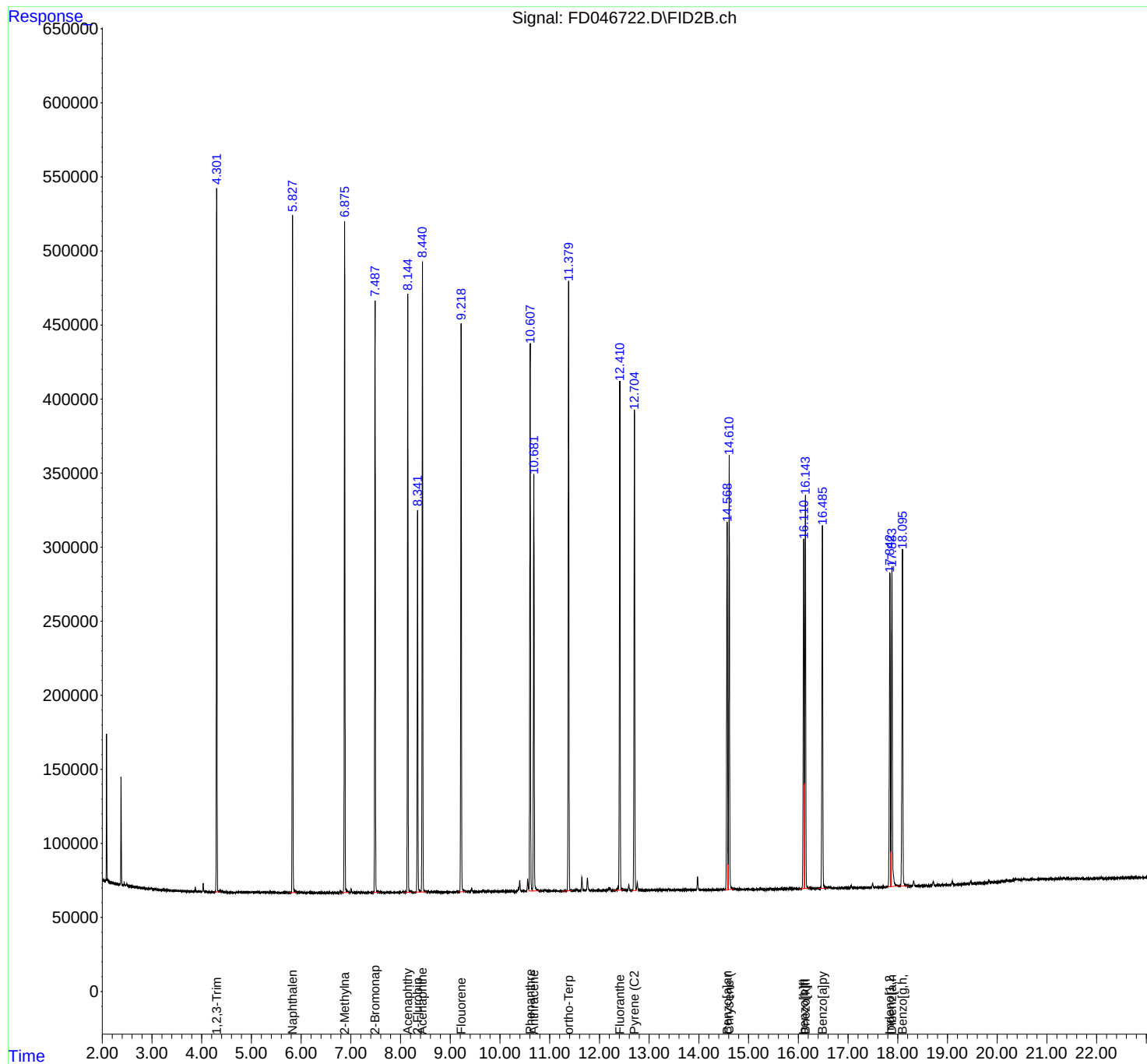
(m)=manual int.

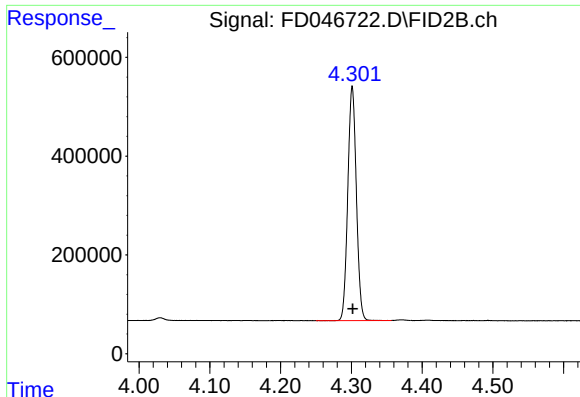
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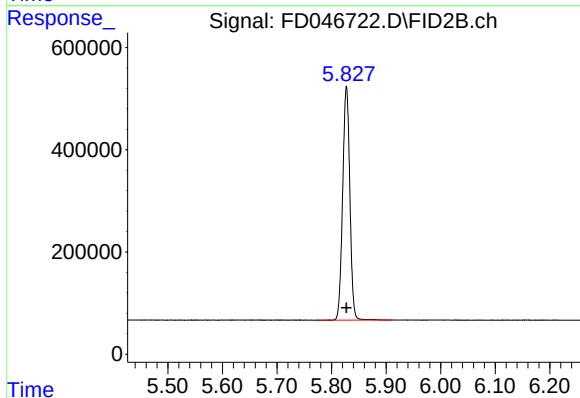




#1 1,2,3-Trimethylbenzene (C10.1)

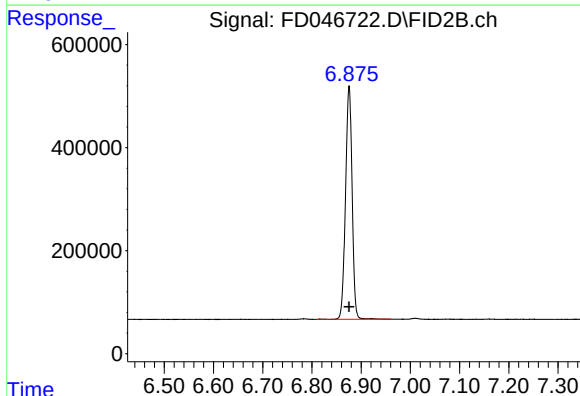
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 3977862
Conc: 20.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



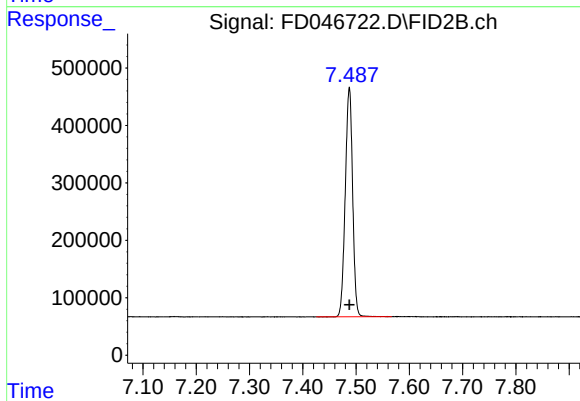
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4174668
Conc: 20.64 ug/ml



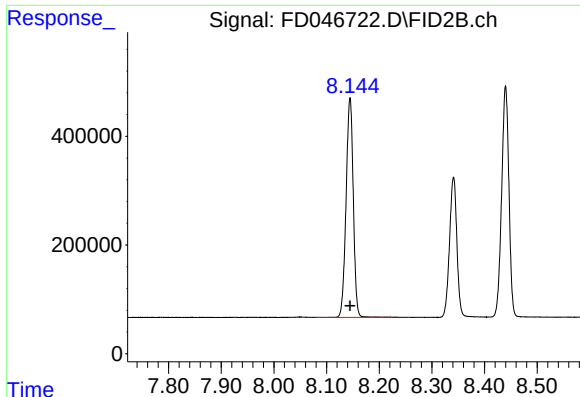
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4212664
Conc: 20.62 ug/ml



#4 2-Bromonaphthalene (SURR)

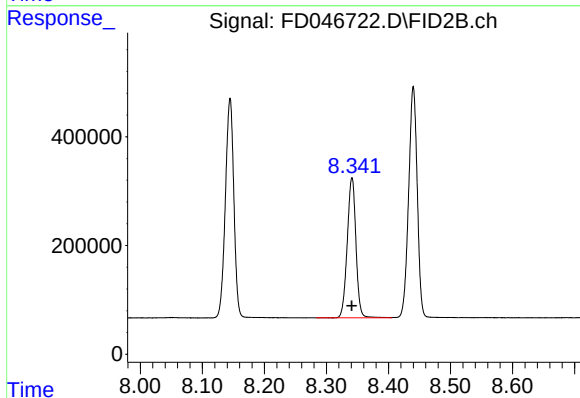
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 3825424
Conc: 20.61 ug/ml



#5 Acenaphthylene (C15.06)

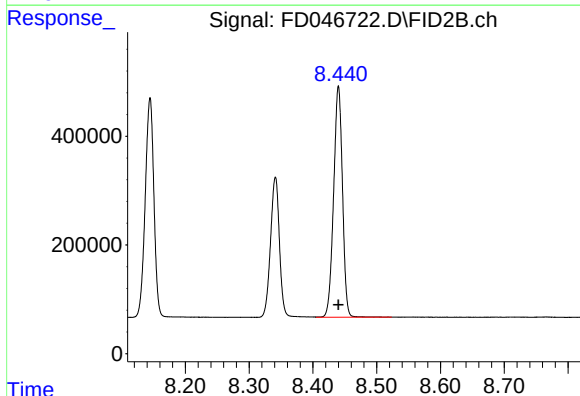
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3825729
Conc: 20.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



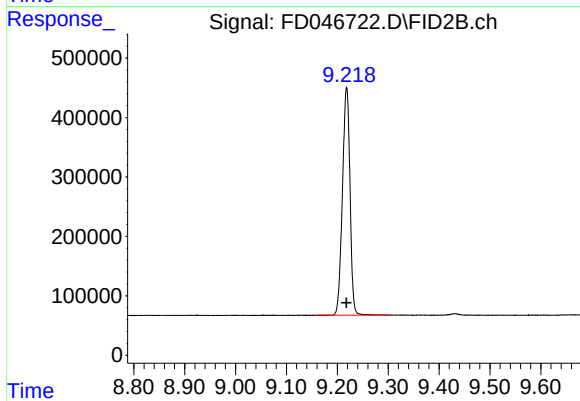
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2506770
Conc: 20.69 ug/ml



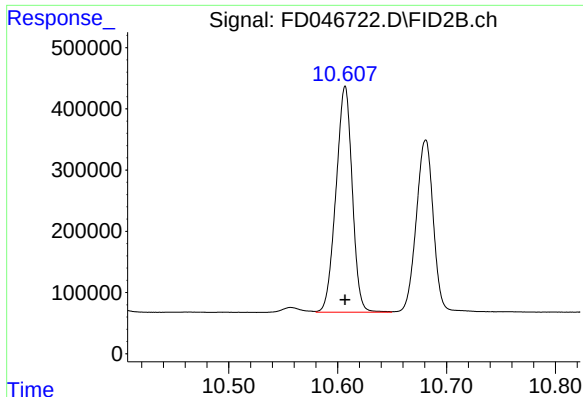
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4100537
Conc: 20.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 3957028
Conc: 20.79 ug/ml



#9 Phenanthrene (C19.36)

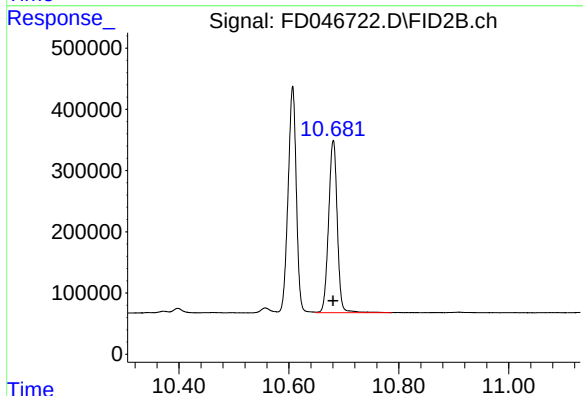
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 3823783
Conc: 20.75 ug/ml

Instrument :

FID_D

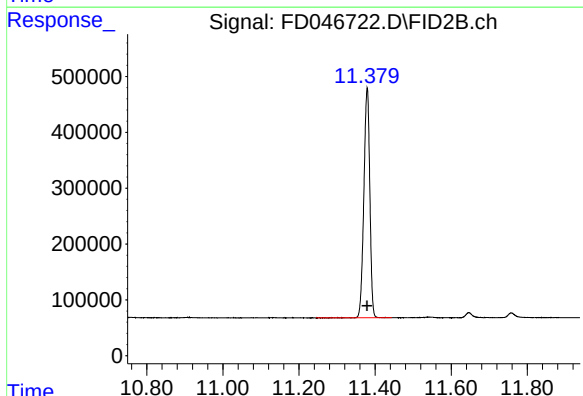
ClientSampleId :

20 PPM AROMATIC HC STD ICV



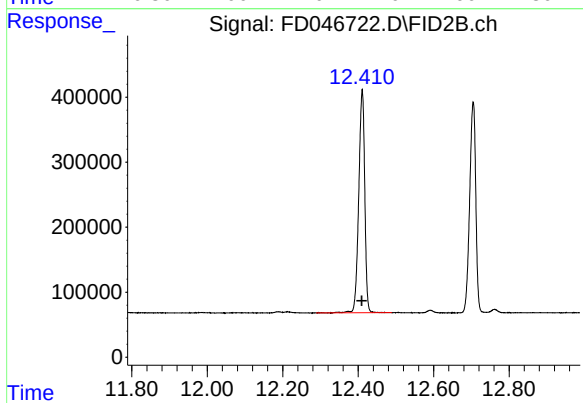
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.000 min
Response: 3091121
Conc: 23.64 ug/ml



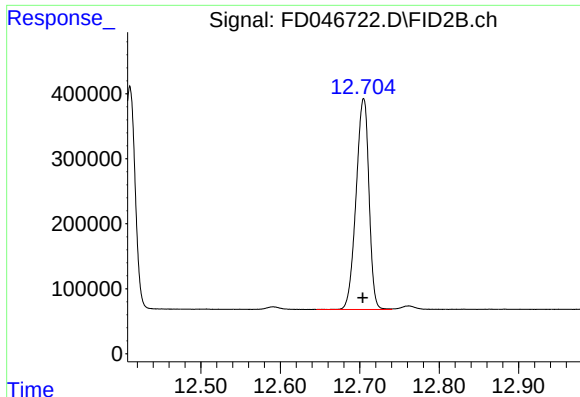
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4458688
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 3790876
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

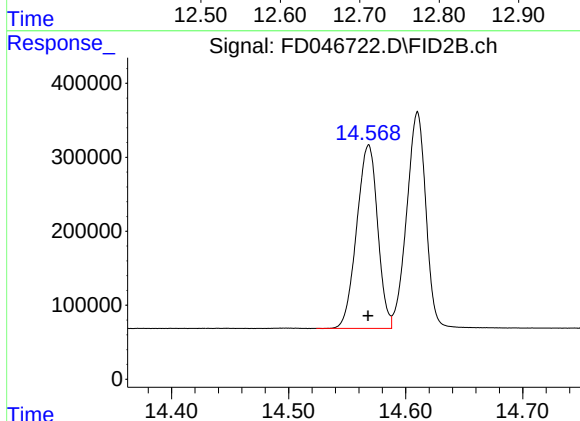
R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 3653307
Conc: 20.83 ug/ml

Instrument :

FID_D

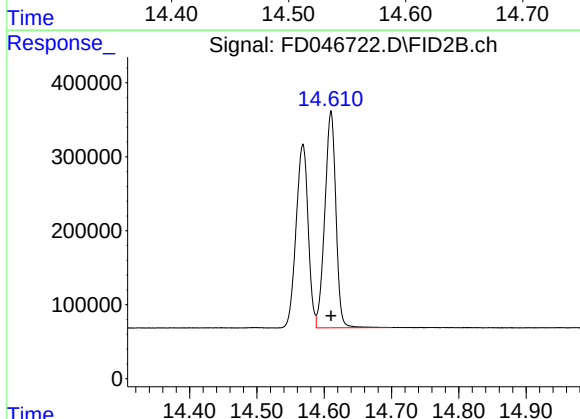
ClientSampleId :

20 PPM AROMATIC HC STD ICV



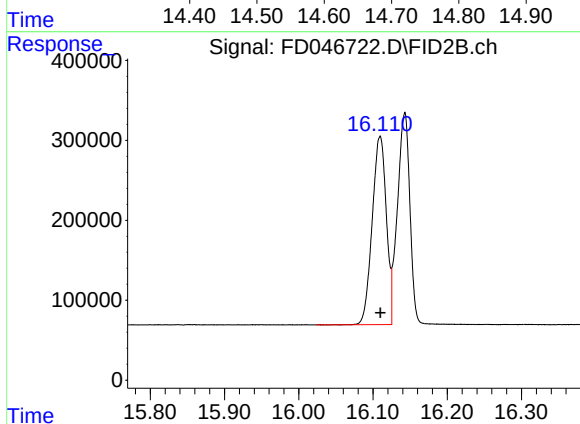
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.000 min
Response: 3082874
Conc: 21.05 ug/ml



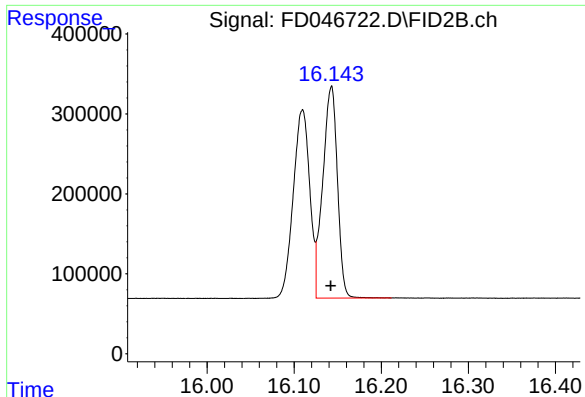
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 3344441
Conc: 20.79 ug/ml



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

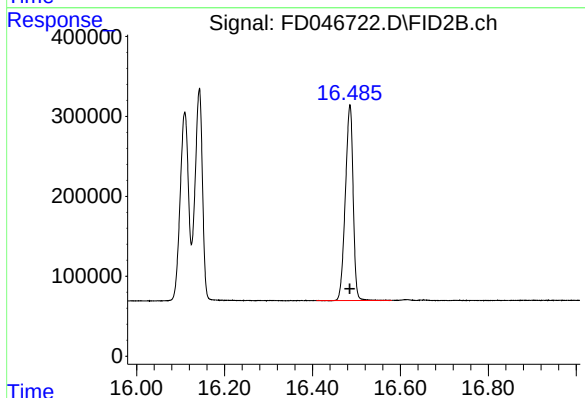
R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 3107412
Conc: 20.80 ug/ml



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

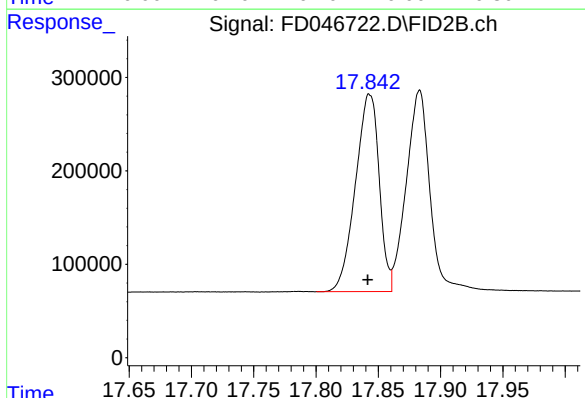
R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 3093089
Conc: 20.56 ug/ml

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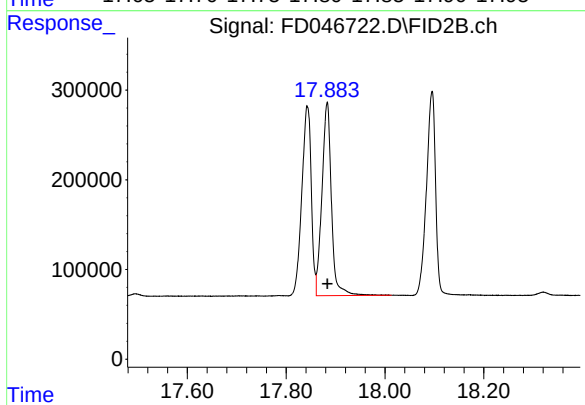
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.000 min
Response: 3000125
Conc: 21.21 ug/ml



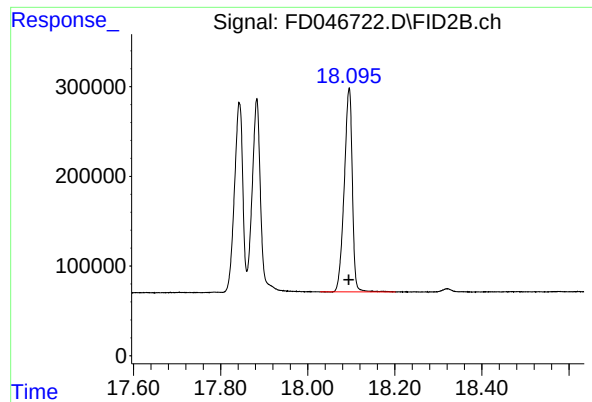
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.001 min
Response: 2801243
Conc: 20.66 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 2878177
Conc: 20.37 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 2927663
Conc: 20.81 ug/ml

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