

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047656.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 19:31
 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: May 08 03:34:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.460	3145428	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
6) S 2-Fluorobiphenyl (SURR)	8.313	2131869	20.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.76%
11) S ortho-Terphenyl (SURR)	11.354	3729300	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3256658	20.143 ug/ml
2) T Naphthalene (C11.7)	5.799	3422724	20.228 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3462602	20.327 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3167936	19.425 ug/ml
7) T Acenaphthene (C15.5)	8.411	3419532	20.343 ug/ml
8) T Flouorene (C16.55)	9.191	3344758	20.108 ug/ml
9) T Phenanthrene (C19.36)	10.581	3354583	20.490 ug/ml
10) T Anthracene (C19.43)	10.655	2570943	17.164 ug/ml
12) T Fluoranthene (C21.85)	12.387	3394854	20.459 ug/ml
13) T Pyrene (C20.8)	12.682	3261442	20.044 ug/ml
14) T Benzo[a]anthracene (C...	14.550	2918731	19.995 ug/ml
15) T Chrysene (C27.41)	14.592	3143373	19.947 ug/ml
16) T benzo[b]fluoranthene ...	16.097	3042822	20.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3152482	20.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	2865021	19.856 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2824531	20.812 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	3200267	22.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	2905354	21.161 ug/ml

(f)=RT Delta > 1/2 Window

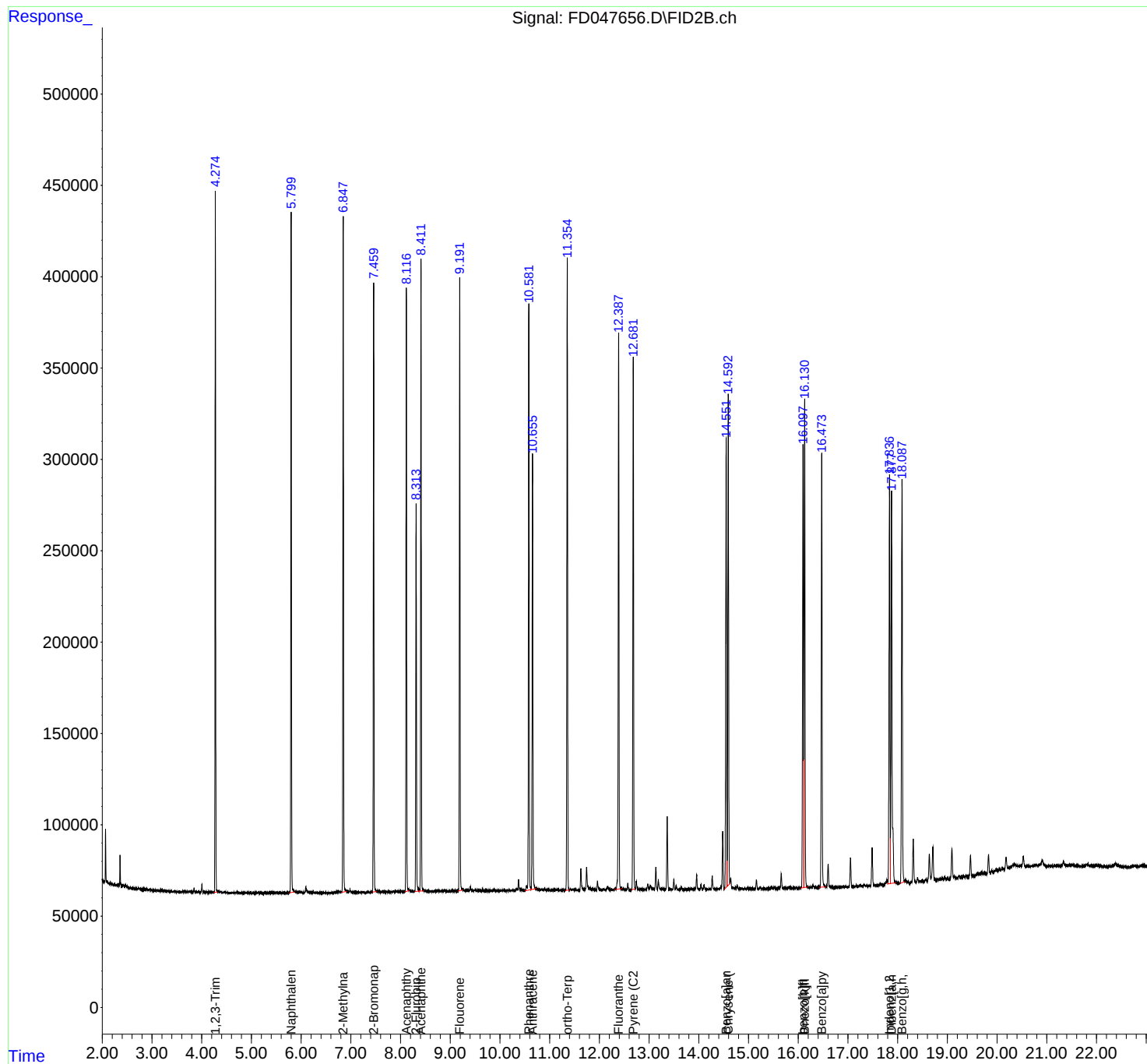
(m)=manual int.

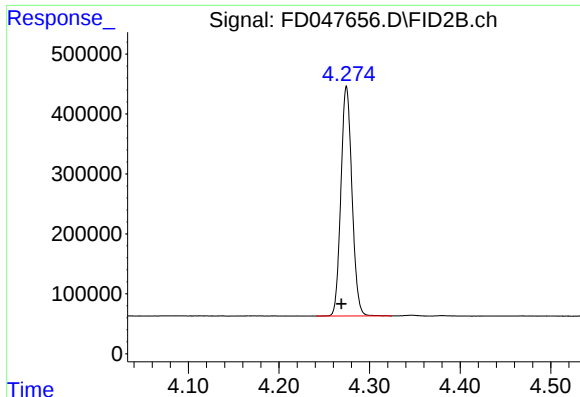
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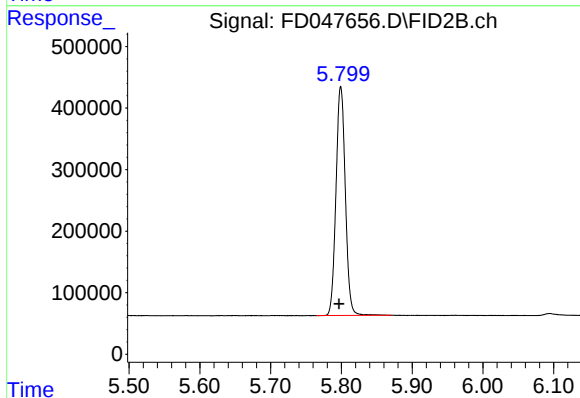




#1 1,2,3-Trimethylbenzene (C10.1)

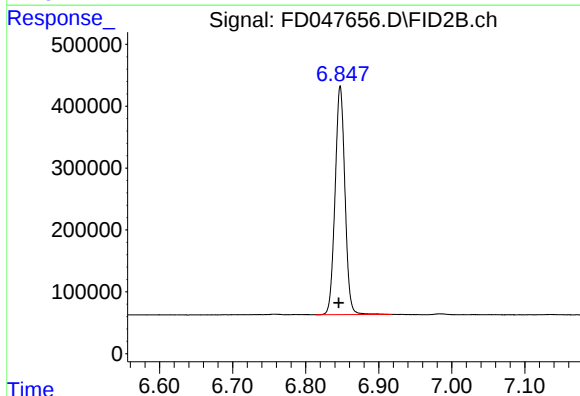
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 3256658
Conc: 20.14 ug/ml

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20 PPM AROMATIC HC STD



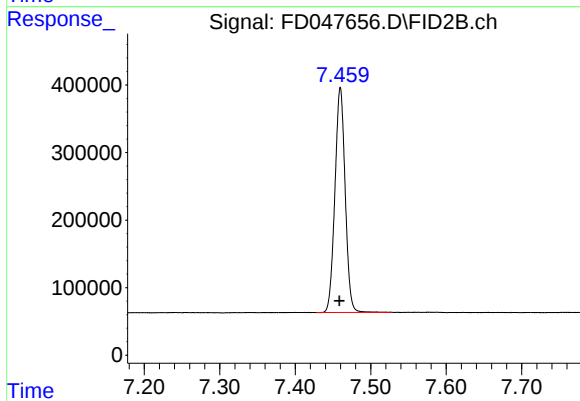
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 3422724
Conc: 20.23 ug/ml



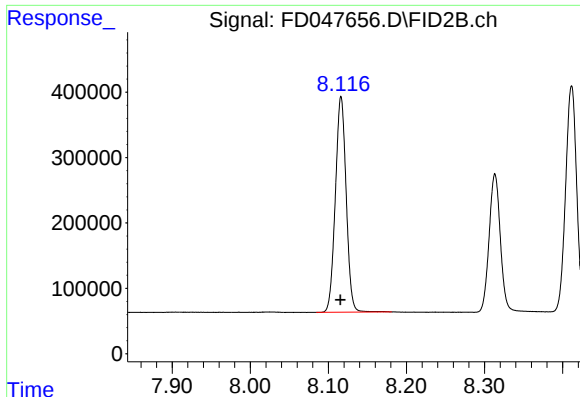
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 3462602
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

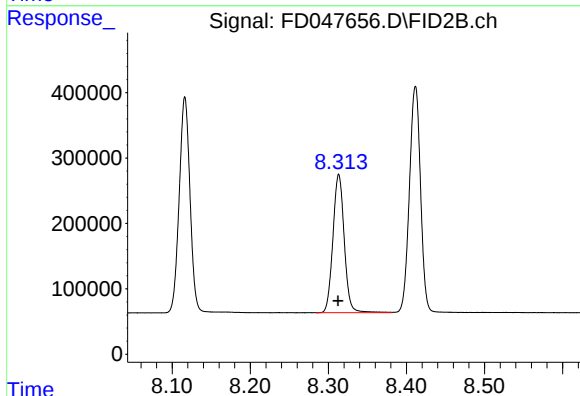
R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 3145428
Conc: 20.06 ug/ml



#5 Acenaphthylene (C15.06)

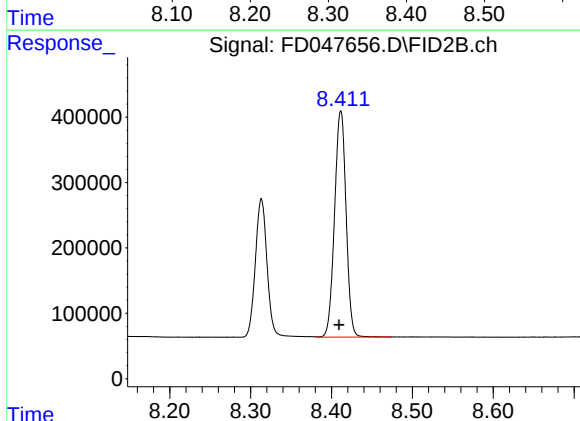
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3167936
Conc: 19.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



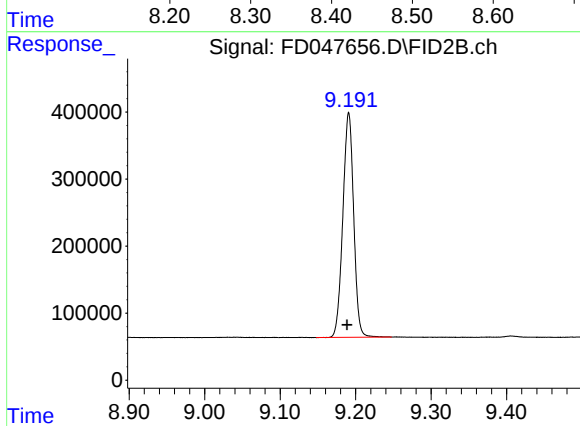
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2131869
Conc: 20.38 ug/ml



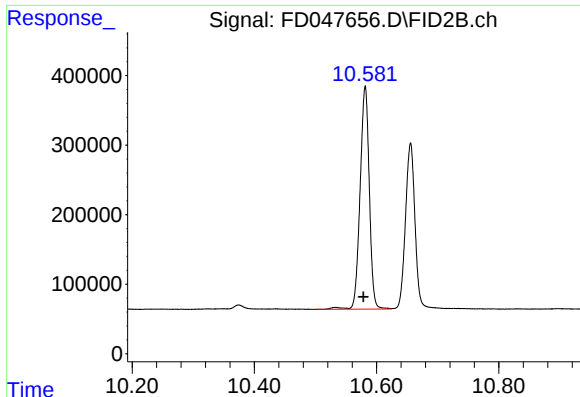
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3419532
Conc: 20.34 ug/ml



#8 Flouorene (C16.55)

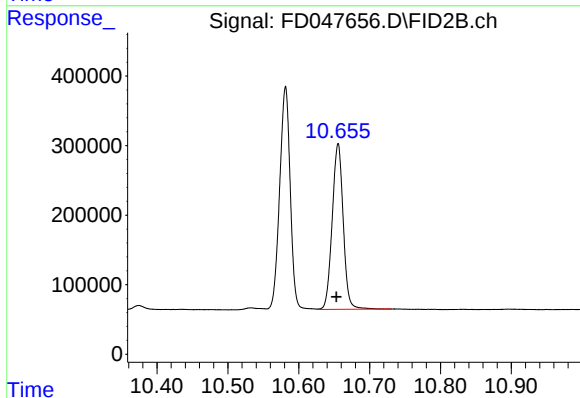
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3344758
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

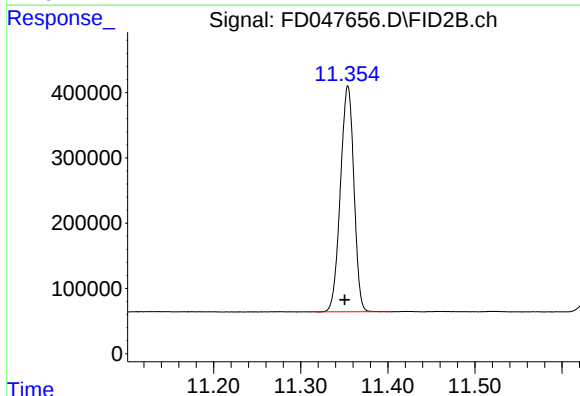
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 3354583
Conc: 20.49 ug/ml

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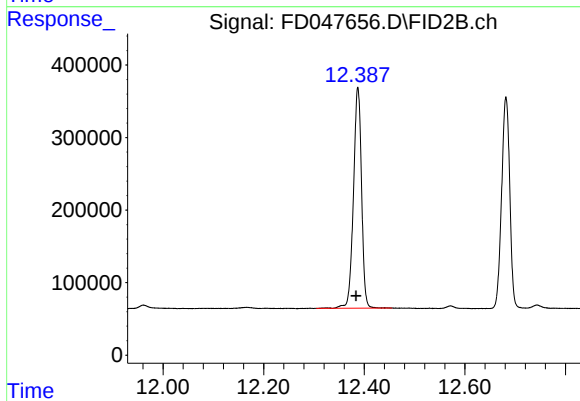
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 2570943
Conc: 17.16 ug/ml



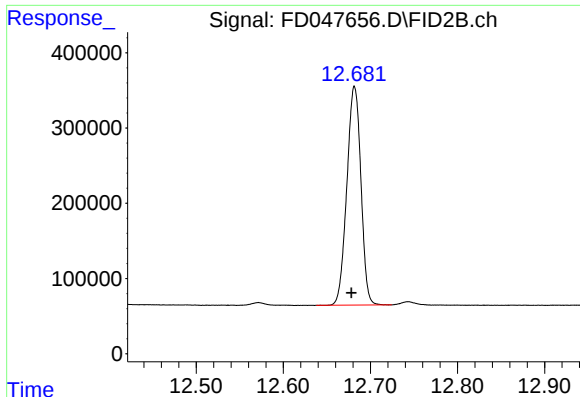
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 3729300
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

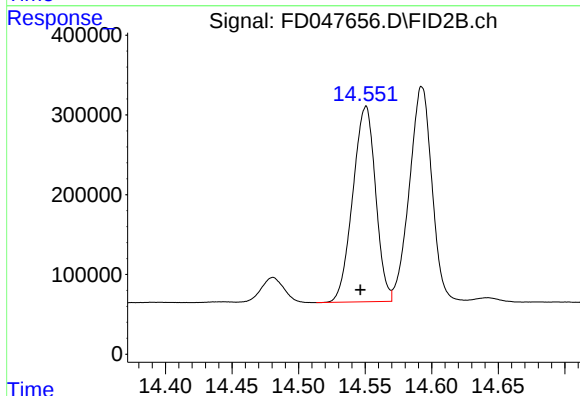
R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 3394854
Conc: 20.46 ug/ml



#13 Pyrene (C20.8)

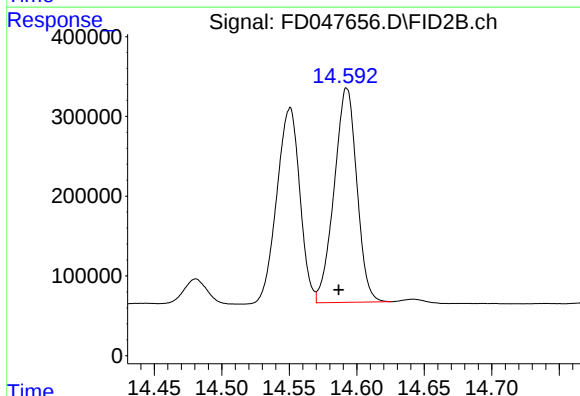
R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 3261442
Conc: 20.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



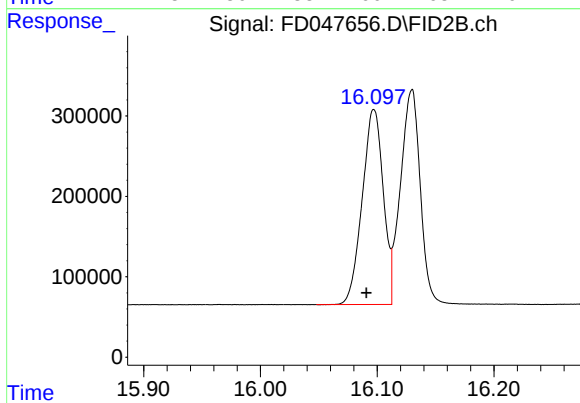
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.004 min
Response: 2918731
Conc: 20.00 ug/ml



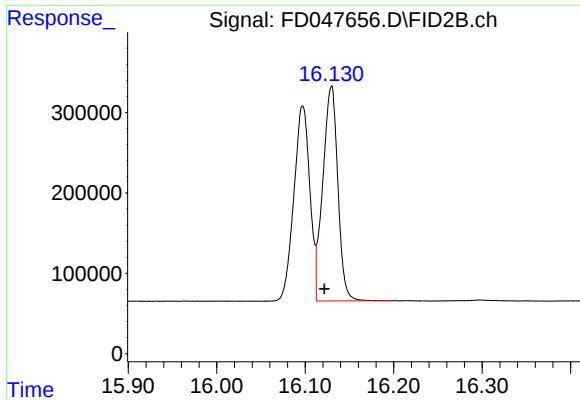
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.006 min
Response: 3143373
Conc: 19.95 ug/ml



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

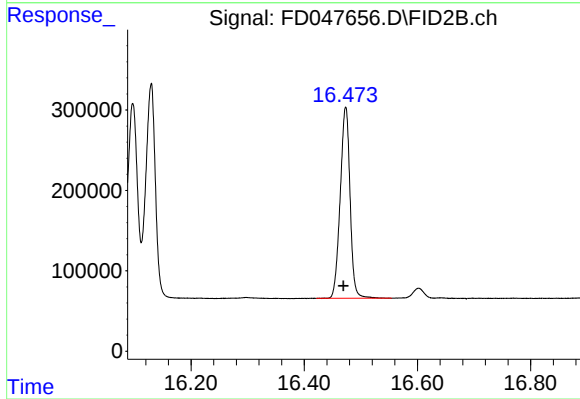
R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 3042822
Conc: 20.37 ug/ml



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

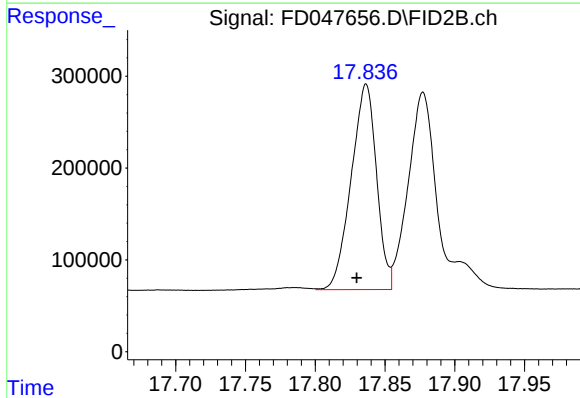
R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 3152482
Conc: 20.94 ug/ml

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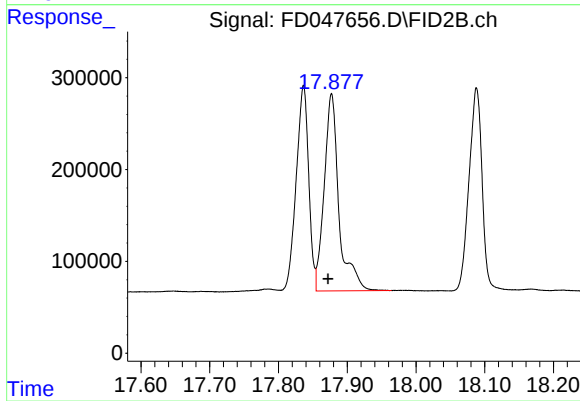
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.004 min
Response: 2865021
Conc: 19.86 ug/ml



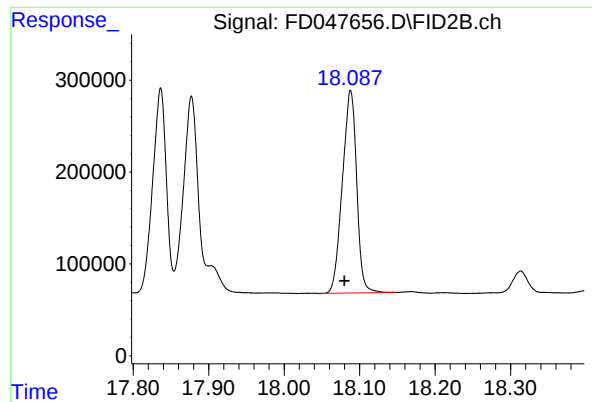
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.007 min
Response: 2824531
Conc: 20.81 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.005 min
Response: 3200267
Conc: 22.35 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.008 min
Response: 2905354
Conc: 21.16 ug/ml

Instrument :
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ClientSampleId :
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