

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093025AR\
 Data File : FD049780.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2025 11:12
 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: Oct 01 02:51:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 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...	7.694	2395273	21.298 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
6) S 2-Fluorobiphenyl (SURR)	8.558	1707426	21.271 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.54%
11) S ortho-Terphenyl (SURR)	11.605	2988385	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	2281900	21.177 ug/ml
2) T Naphthalene (C11.7)	6.029	2659291	21.384 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	2787924	21.391 ug/ml
5) T Acenaphthylene (C15.06)	8.362	2945429	21.245 ug/ml
7) T Acenaphthene (C15.5)	8.658	2923233	21.088 ug/ml
8) T Flouorene (C16.55)	9.439	2917448	21.032 ug/ml
9) T Phenanthrene (C19.36)	10.837	2918482	20.951 ug/ml
10) T Anthracene (C19.43)	10.912	2609494	19.763 ug/ml
12) T Fluoranthene (C21.85)	12.651	2845468	21.129 ug/ml
13) T Pyrene (C20.8)	12.949	2814885	21.161 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2481055	20.747 ug/ml
15) T Chrysene (C27.41)	14.864	2538494	20.867 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2472493	20.627 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2330527	20.684 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2381082	20.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	2173014	19.974 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	2397171	21.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2348898	20.187 ug/ml

(f)=RT Delta > 1/2 Window

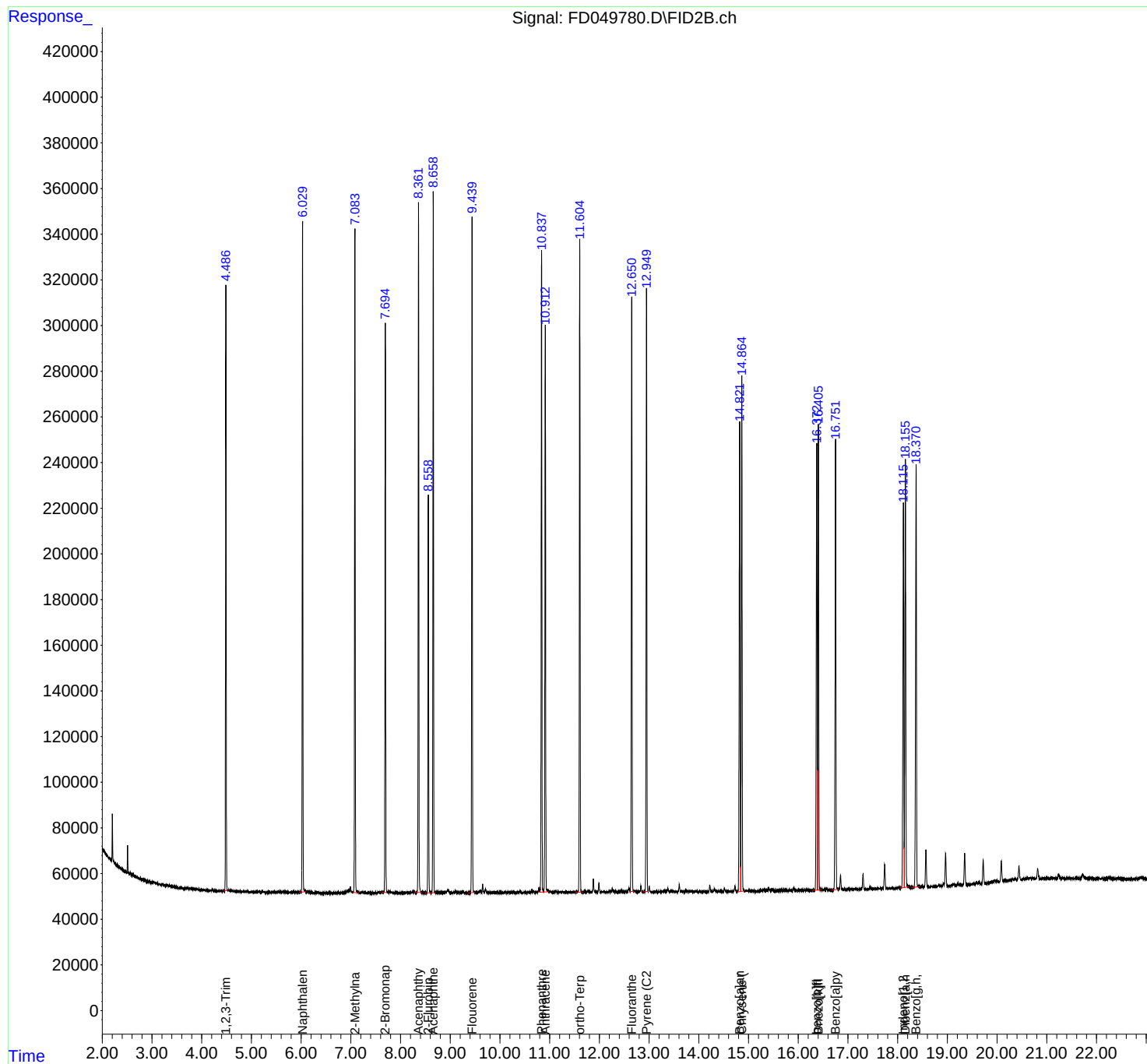
(m)=manual int.

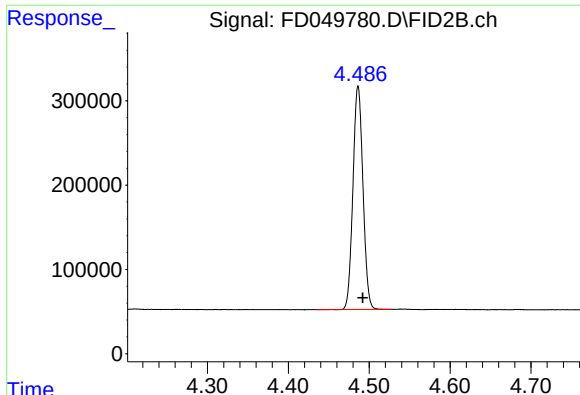
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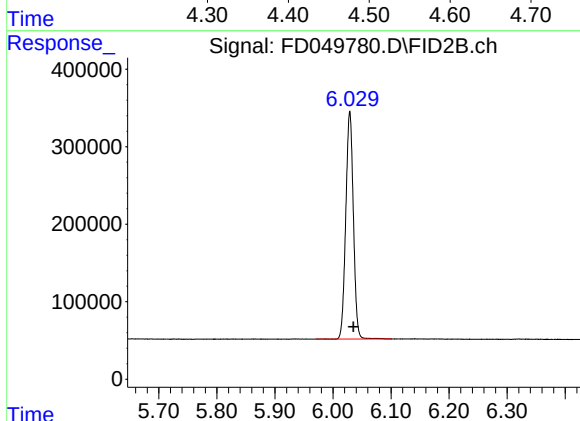




#1 1,2,3-Trimethylbenzene (C10.1)

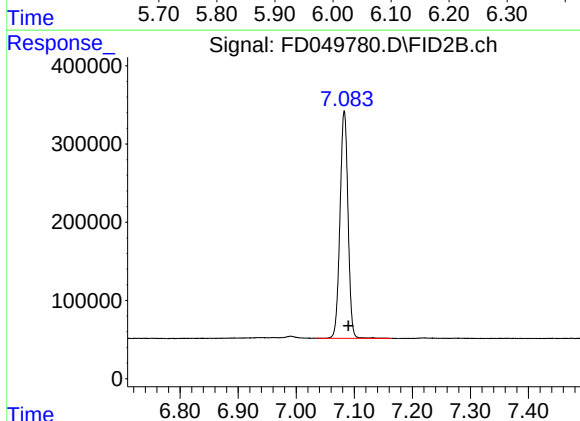
R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 2281900
Conc: 21.18 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



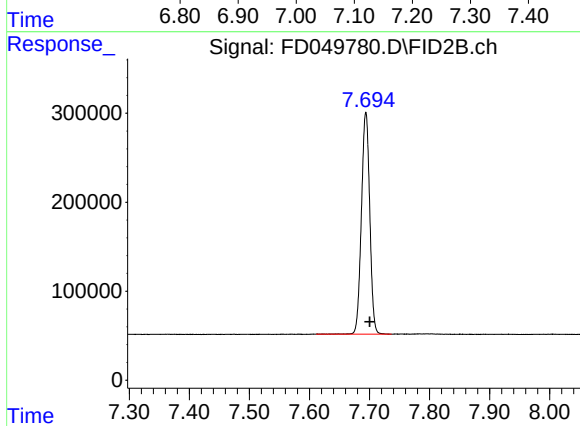
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.006 min
Response: 2659291
Conc: 21.38 ug/ml



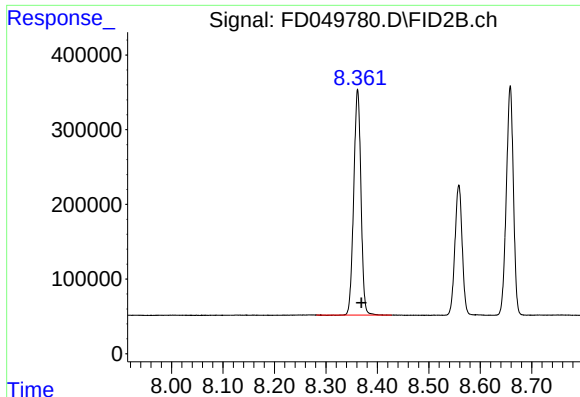
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 2787924
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

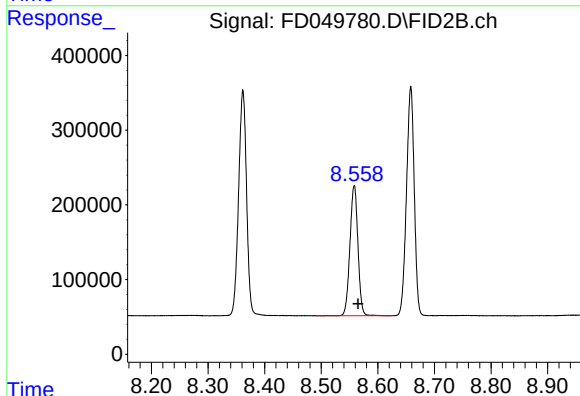
R.T.: 7.694 min
Delta R.T.: -0.007 min
Response: 2395273
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

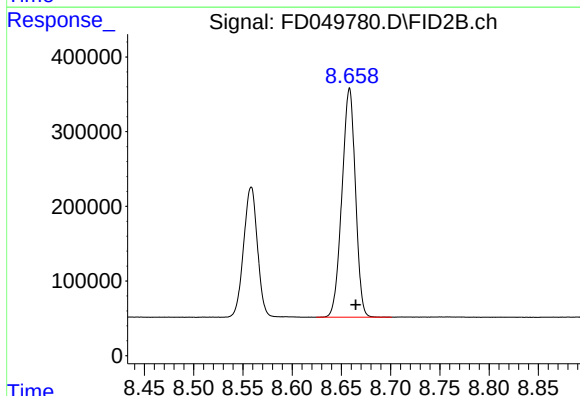
R.T.: 8.362 min
Delta R.T.: -0.007 min
Response: 2945429
Conc: 21.25 ug/ml

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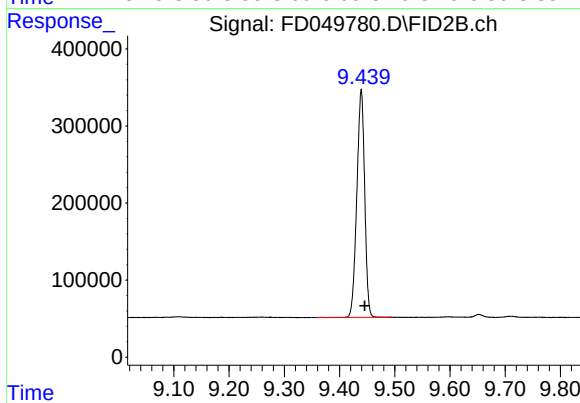
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 1707426
Conc: 21.27 ug/ml



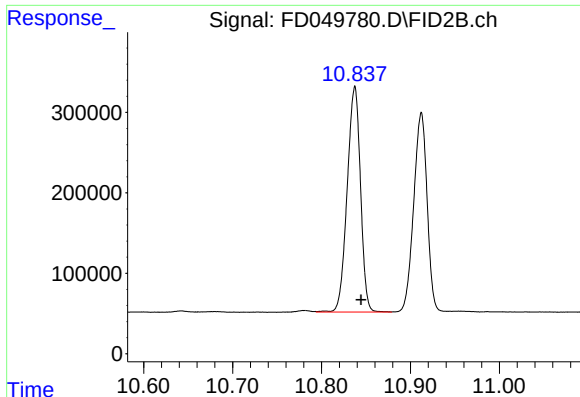
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: -0.007 min
Response: 2923233
Conc: 21.09 ug/ml



#8 Fluorene (C16.55)

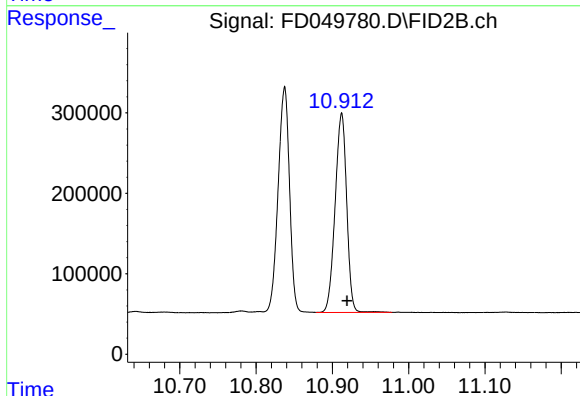
R.T.: 9.439 min
Delta R.T.: -0.007 min
Response: 2917448
Conc: 21.03 ug/ml



#9 Phenanthrene (C19.36)

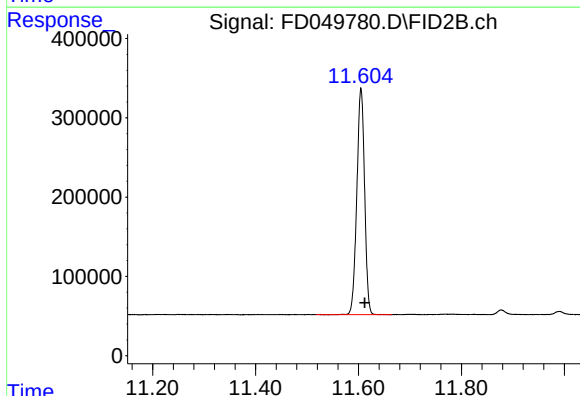
R.T.: 10.837 min
Delta R.T.: -0.007 min
Response: 2918482
Conc: 20.95 ug/ml

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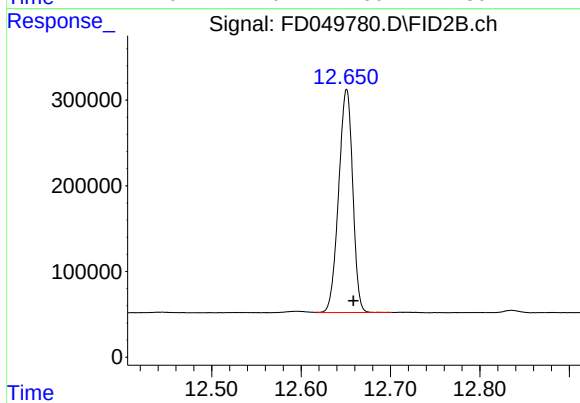
#10 Anthracene (C19.43)

R.T.: 10.912 min
Delta R.T.: -0.007 min
Response: 2609494
Conc: 19.76 ug/ml



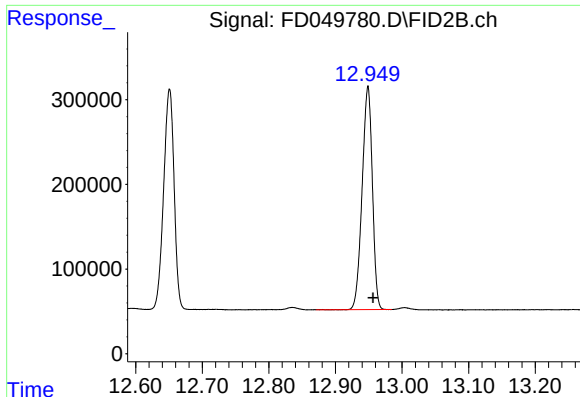
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: -0.007 min
Response: 2988385
Conc: 21.12 ug/ml



#12 Fluoranthene (C21.85)

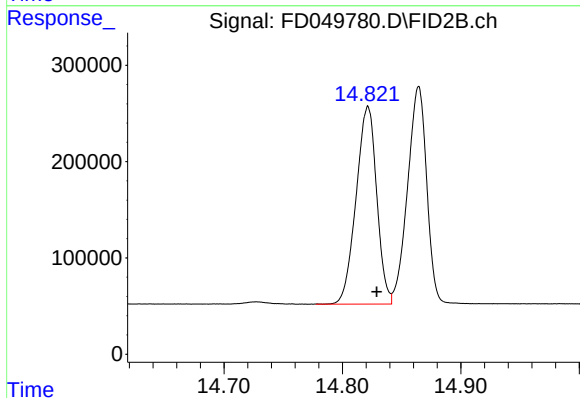
R.T.: 12.651 min
Delta R.T.: -0.008 min
Response: 2845468
Conc: 21.13 ug/ml



#13 Pyrene (C20.8)

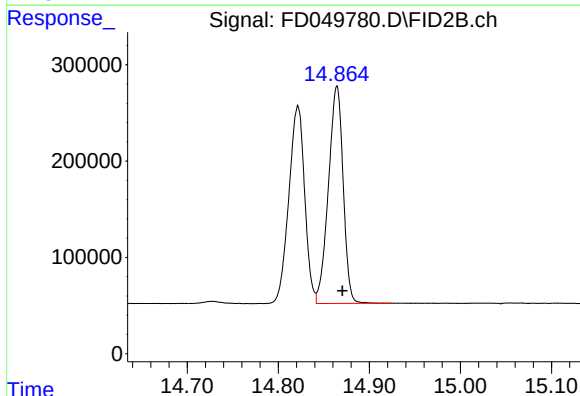
R.T.: 12.949 min
Delta R.T.: -0.008 min
Response: 2814885
Conc: 21.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



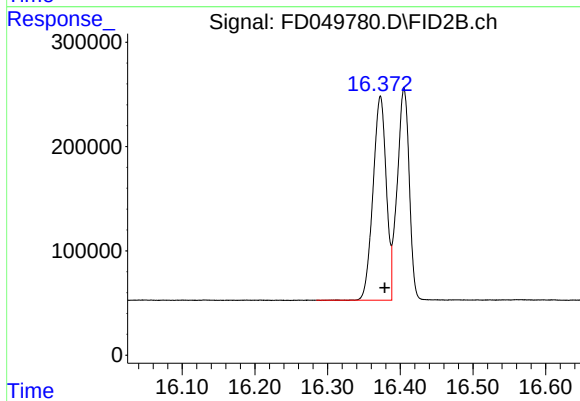
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 2481055
Conc: 20.75 ug/ml



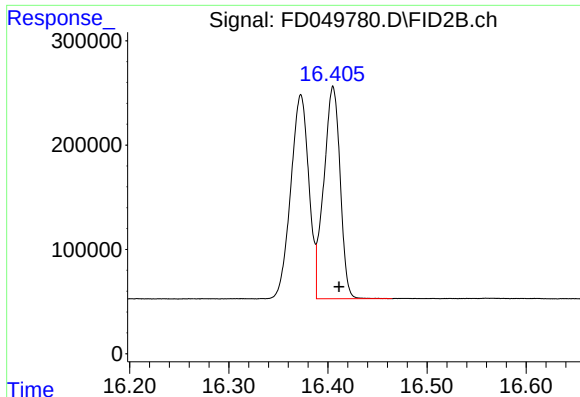
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.006 min
Response: 2538494
Conc: 20.87 ug/ml



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

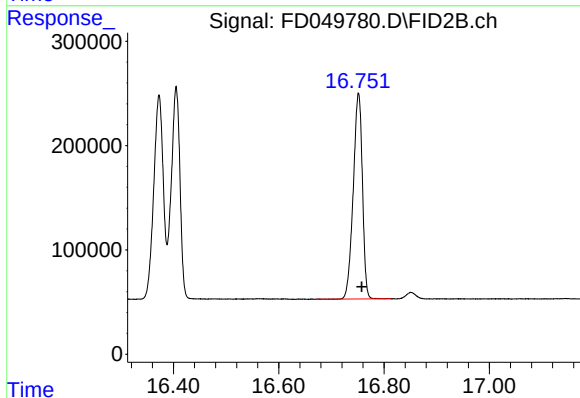
R.T.: 16.373 min
Delta R.T.: -0.006 min
Response: 2472493
Conc: 20.63 ug/ml



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

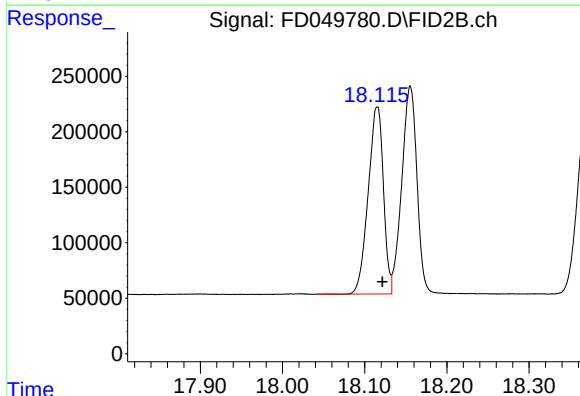
R.T.: 16.405 min
Delta R.T.: -0.006 min
Response: 2330527
Conc: 20.68 ug/ml

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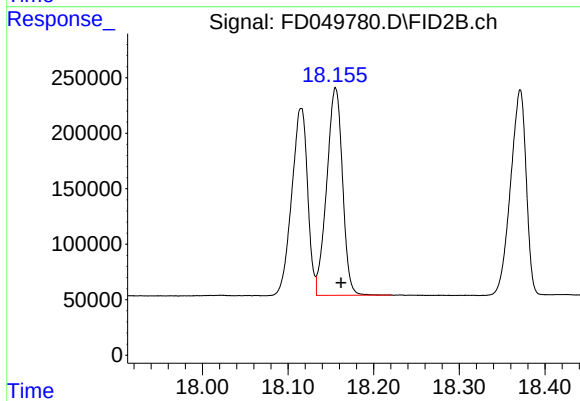
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.007 min
Response: 2381082
Conc: 20.29 ug/ml



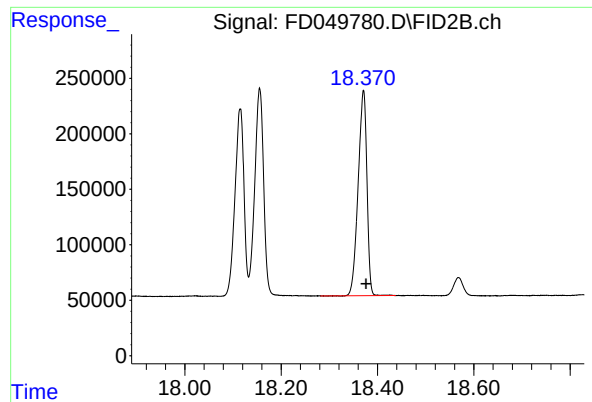
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 2173014
Conc: 19.97 ug/ml



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

R.T.: 18.155 min
Delta R.T.: -0.006 min
Response: 2397171
Conc: 21.04 ug/ml



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

R.T.: 18.371 min
Delta R.T.: -0.006 min
Response: 2348898
Conc: 20.19 ug/ml

Instrument :

FID_D

ClientSampleId :

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