

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092525AR\
 Data File : FD049756.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 14:36
 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: Sep 26 08:19:39 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...	7.697	2239436	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
6) S 2-Fluorobiphenyl (SURR)	8.561	1611745	20.079 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.16%
11) S ortho-Terphenyl (SURR)	11.609	2870340	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2084058	19.341 ug/ml
2) T Naphthalene (C11.7)	6.031	2458368	19.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2591111	19.881 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2746559	19.811 ug/ml
7) T Acenaphthene (C15.5)	8.661	2750301	19.840 ug/ml
8) T Flouorene (C16.55)	9.443	2782142	20.057 ug/ml
9) T Phenanthrene (C19.36)	10.841	2816820	20.221 ug/ml
10) T Anthracene (C19.43)	10.915	2606672	19.741 ug/ml
12) T Fluoranthene (C21.85)	12.655	2766936	20.546 ug/ml
13) T Pyrene (C20.8)	12.953	2737721	20.581 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2440454	20.408 ug/ml
15) T Chrysene (C27.41)	14.869	2484144	20.420 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2419723	20.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.410	2282875	20.261 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2341816	19.956 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.121	2129278	19.572 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2289311	20.091 ug/ml
21) T Benzo[g,h,i]perylene ...	18.376	2272279	19.528 ug/ml

(f)=RT Delta > 1/2 Window

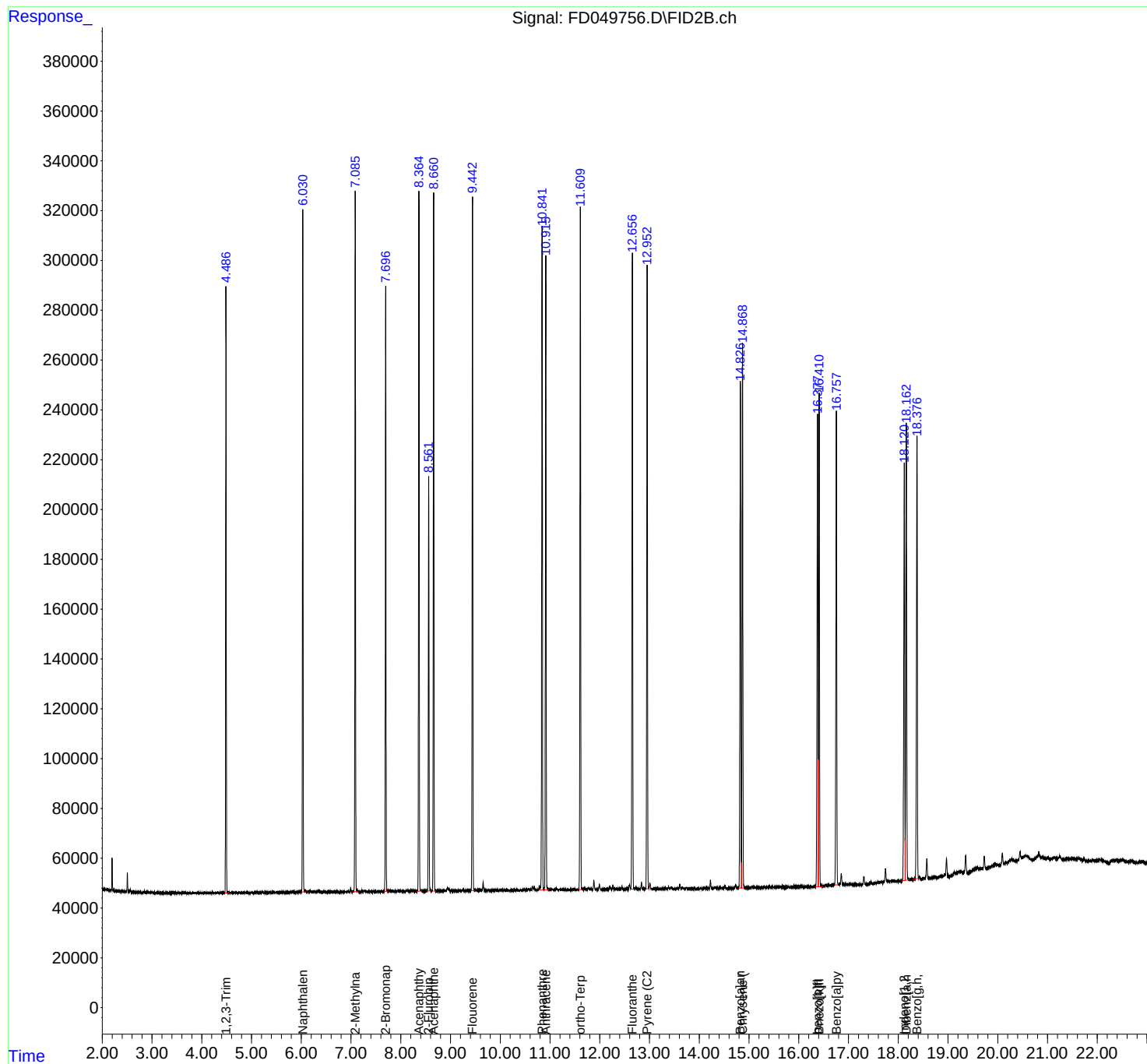
(m)=manual int.

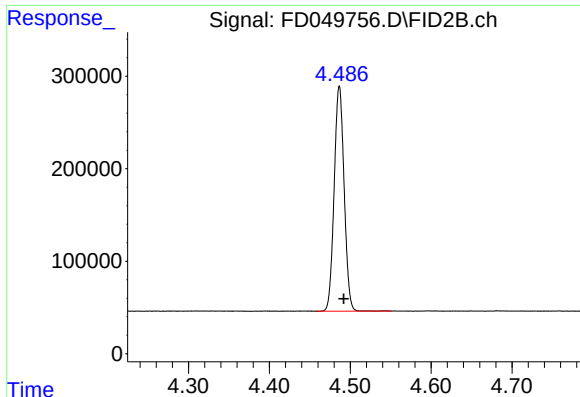
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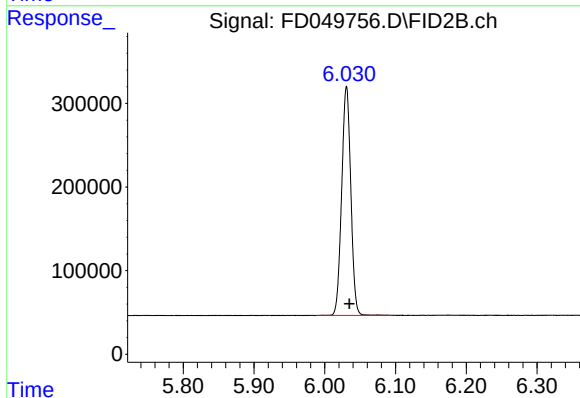




#1 1,2,3-Trimethylbenzene (C10.1)

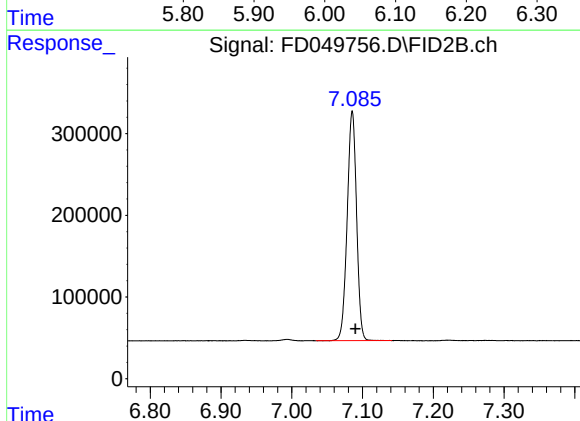
R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 2084058
Conc: 19.34 ug/ml

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20 PPM AROMATIC HC STD



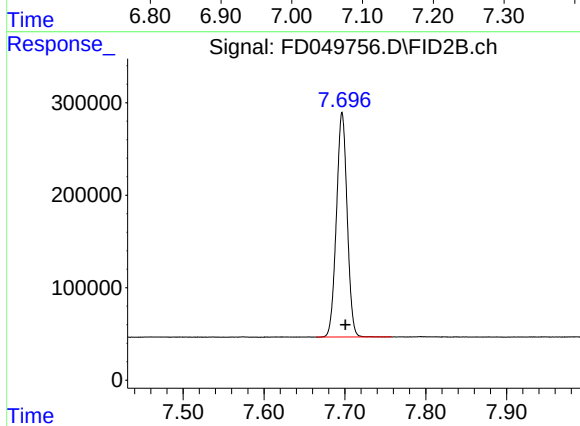
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2458368
Conc: 19.77 ug/ml



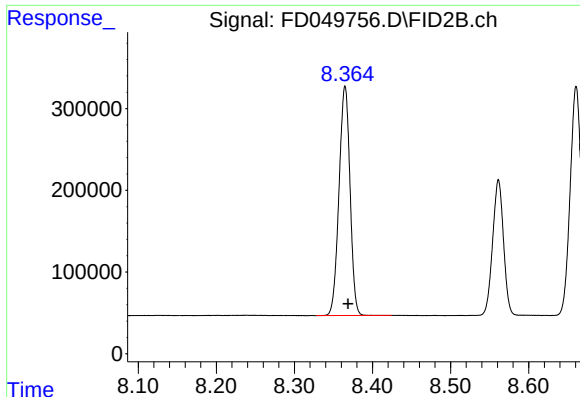
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 2591111
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

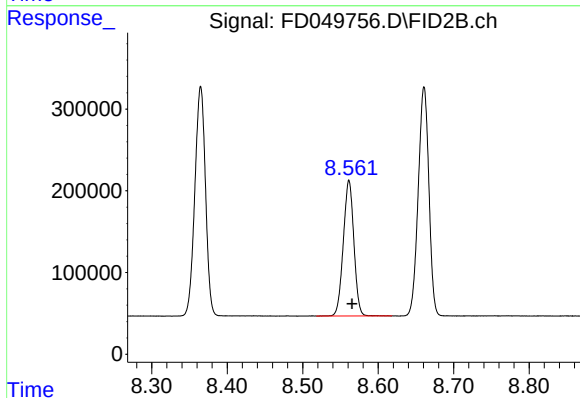
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 2239436
Conc: 19.91 ug/ml



#5 Acenaphthylene (C15.06)

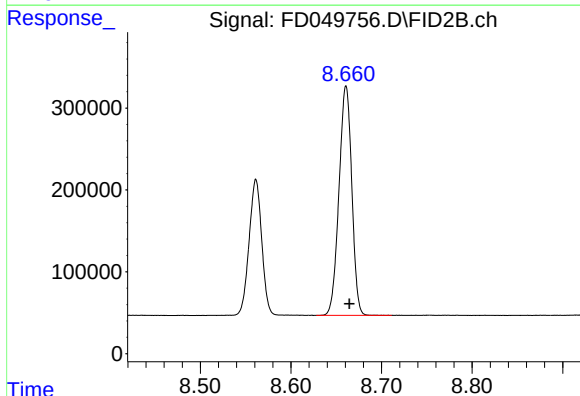
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 2746559
Conc: 19.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



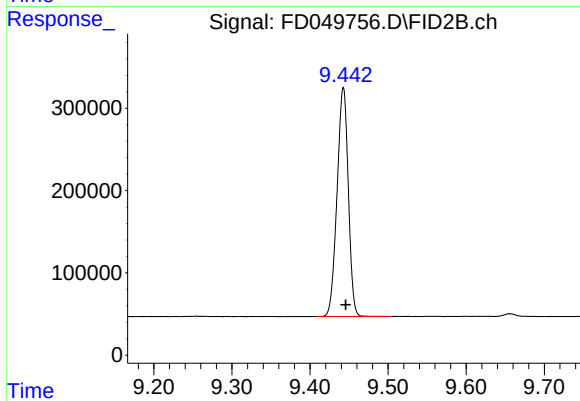
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 1611745
Conc: 20.08 ug/ml



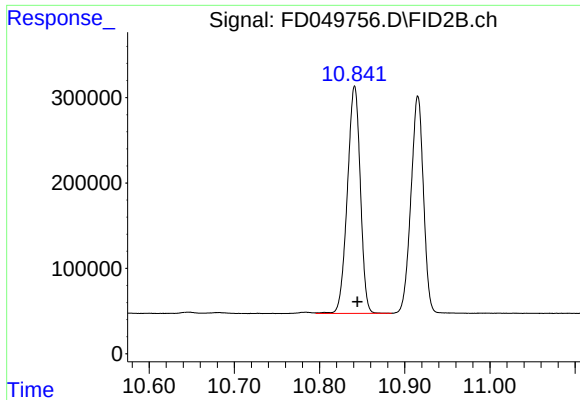
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.004 min
Response: 2750301
Conc: 19.84 ug/ml



#8 Flouorene (C16.55)

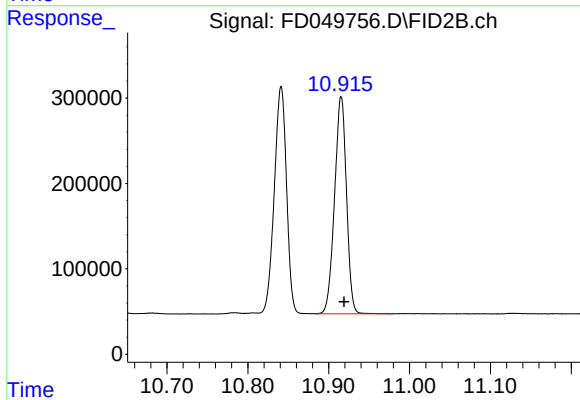
R.T.: 9.443 min
Delta R.T.: -0.003 min
Response: 2782142
Conc: 20.06 ug/ml



#9 Phenanthrene (C19.36)

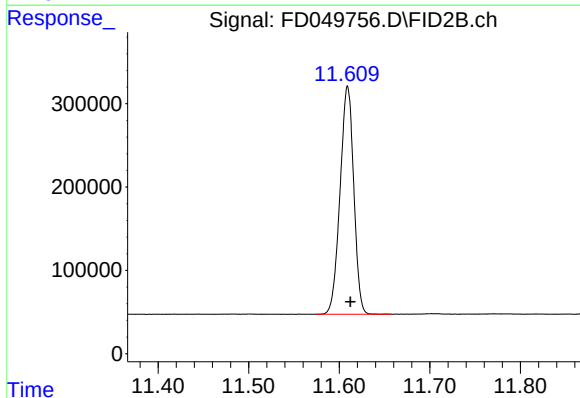
R.T.: 10.841 min
Delta R.T.: -0.003 min
Response: 2816820
Conc: 20.22 ug/ml

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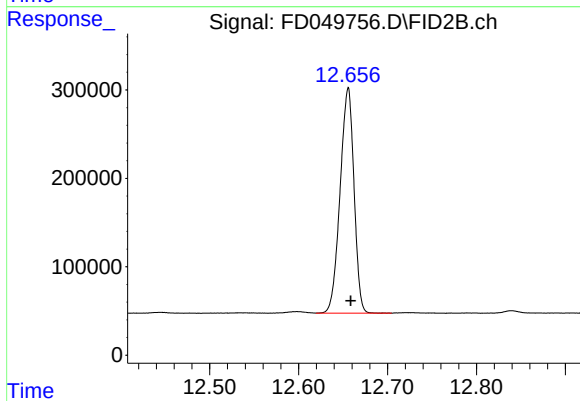
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: -0.004 min
Response: 2606672
Conc: 19.74 ug/ml



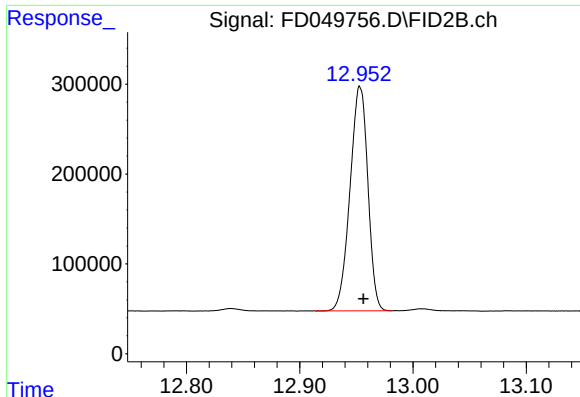
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.003 min
Response: 2870340
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

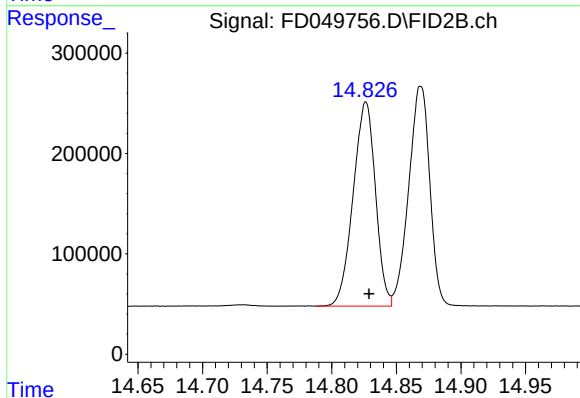
R.T.: 12.655 min
Delta R.T.: -0.003 min
Response: 2766936
Conc: 20.55 ug/ml



#13 Pyrene (C20.8)

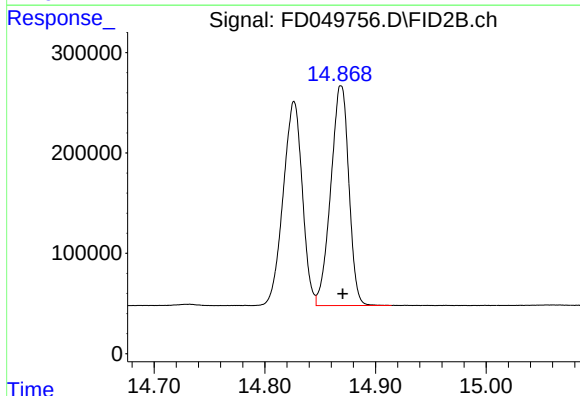
R.T.: 12.953 min
Delta R.T.: -0.003 min
Response: 2737721
Conc: 20.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



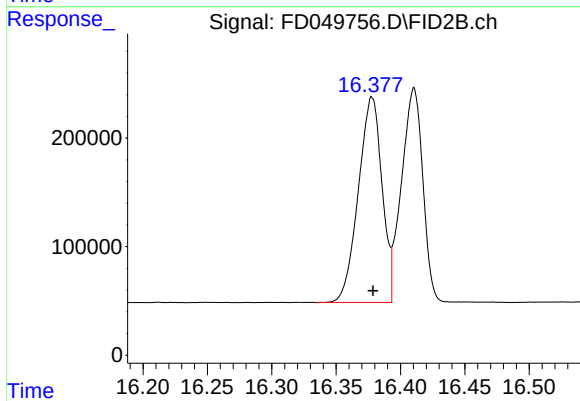
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: -0.003 min
Response: 2440454
Conc: 20.41 ug/ml



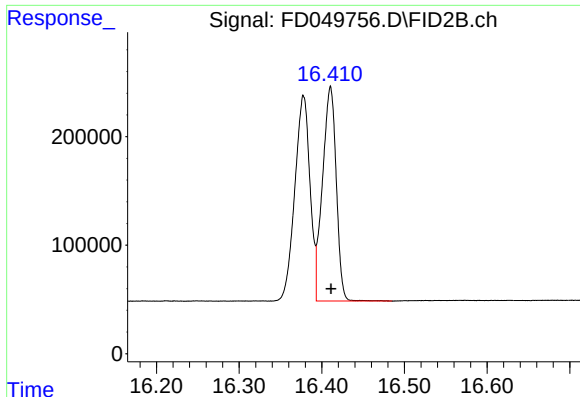
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: -0.002 min
Response: 2484144
Conc: 20.42 ug/ml



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

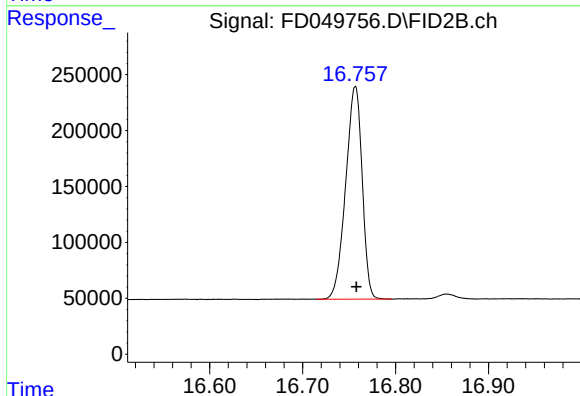
R.T.: 16.378 min
Delta R.T.: -0.001 min
Response: 2419723
Conc: 20.19 ug/ml



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

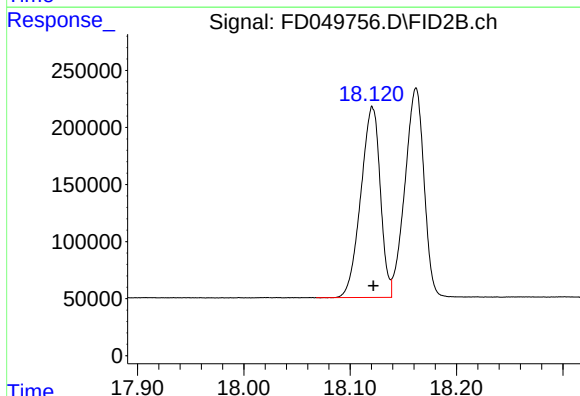
R.T.: 16.410 min
Delta R.T.: -0.001 min
Response: 2282875
Conc: 20.26 ug/ml

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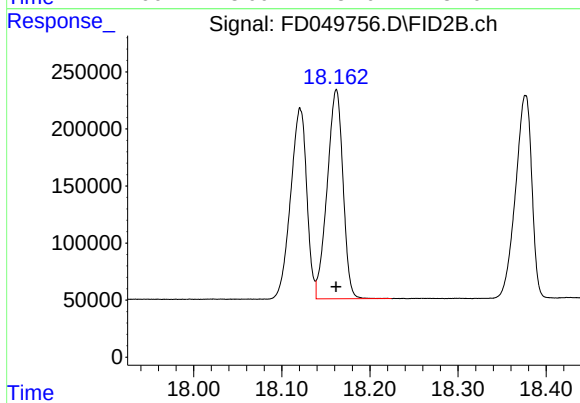
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: -0.001 min
Response: 2341816
Conc: 19.96 ug/ml



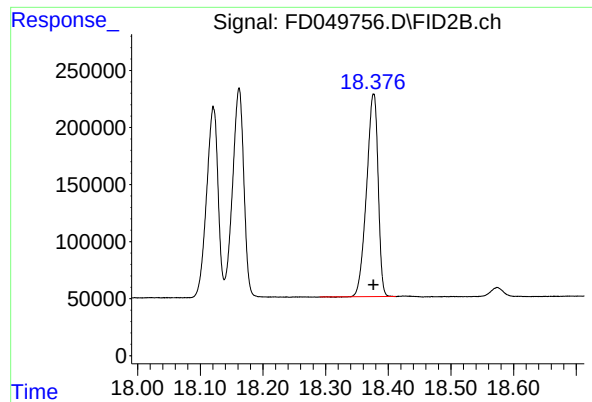
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.121 min
Delta R.T.: -0.001 min
Response: 2129278
Conc: 19.57 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.000 min
Response: 2289311
Conc: 20.09 ug/ml



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

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 2272279
Conc: 19.53 ug/ml

Instrument :

FID_D

ClientSampleId :

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