

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090825AR\
 Data File : FD049728.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 11:39
 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 09 05:59:06 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...	7.696	2418578	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.560	1671275	20.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.606	2921137	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2383815	22.123 ug/ml
2) T Naphthalene (C11.7)	6.032	2725395	21.916 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2819970	21.637 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2939917	21.205 ug/ml
7) T Acenaphthene (C15.5)	8.660	2939292	21.203 ug/ml
8) T Flouorene (C16.55)	9.441	2864031	20.647 ug/ml
9) T Phenanthrene (C19.36)	10.839	2804032	20.129 ug/ml
10) T Anthracene (C19.43)	10.913	2587467	19.596 ug/ml
12) T Fluoranthene (C21.85)	12.651	2664319	19.784 ug/ml
13) T Pyrene (C20.8)	12.949	2637161	19.825 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2325618	19.447 ug/ml
15) T Chrysene (C27.41)	14.863	2382651	19.586 ug/ml
16) T benzo[b]fluoranthene ...	16.372	2395374	19.983 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2244875	19.923 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2343342	19.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2128083	19.561 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2200786	19.314 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2321054	19.948 ug/ml

(f)=RT Delta > 1/2 Window

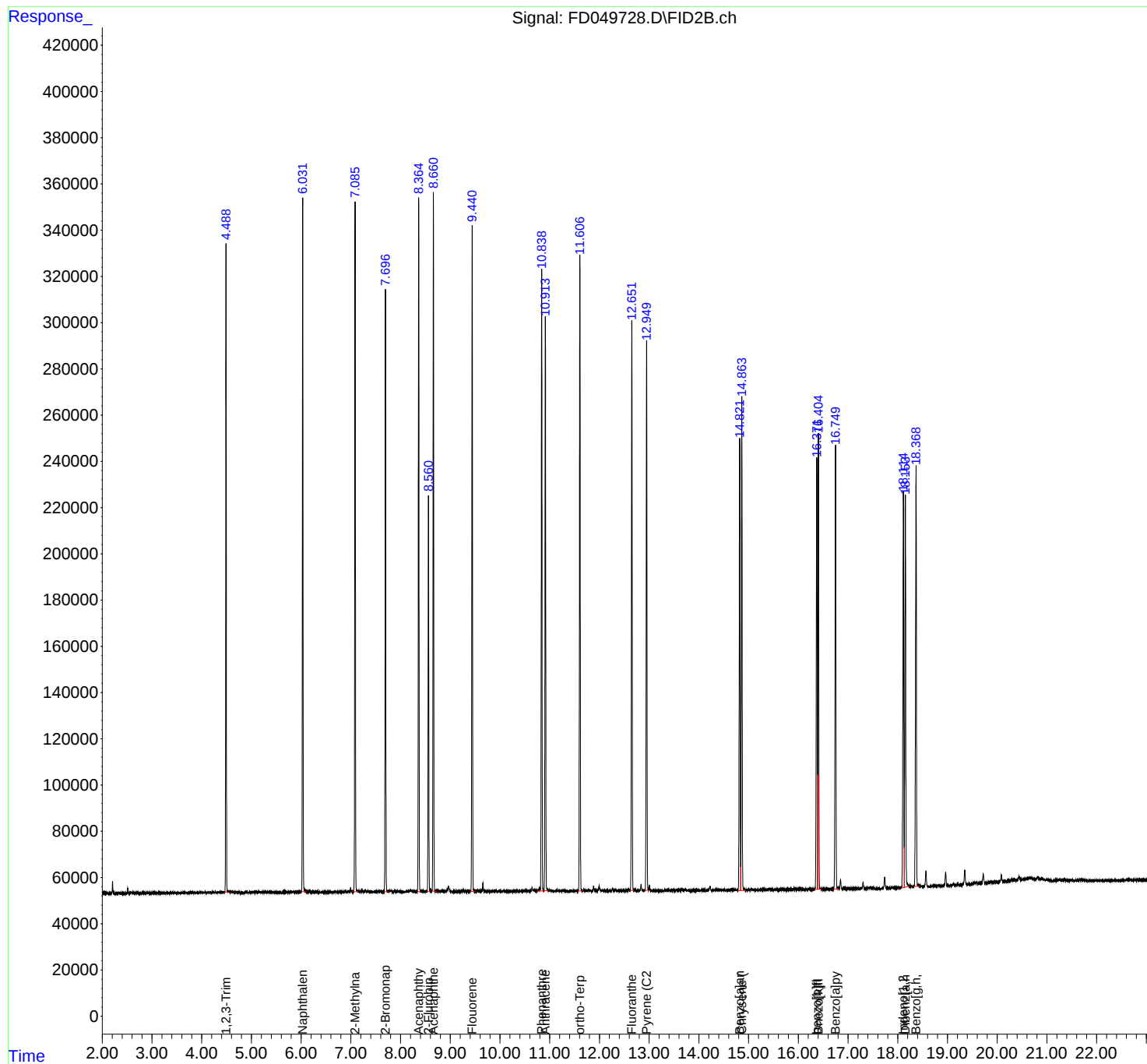
(m)=manual int.

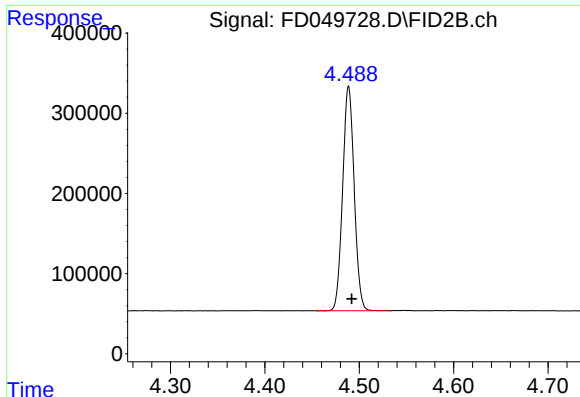
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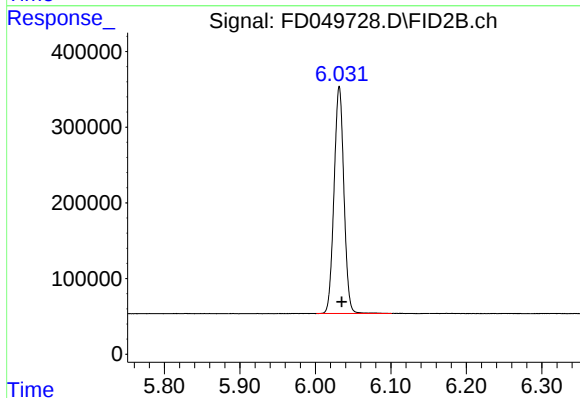




#1 1,2,3-Trimethylbenzene (C10.1)

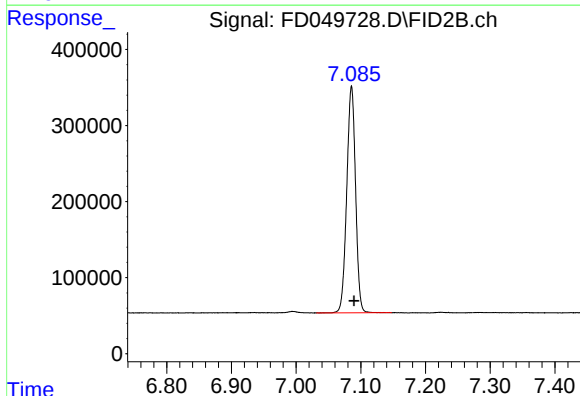
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 2383815
Conc: 22.12 ug/ml

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20 PPM AROMATIC HC STD



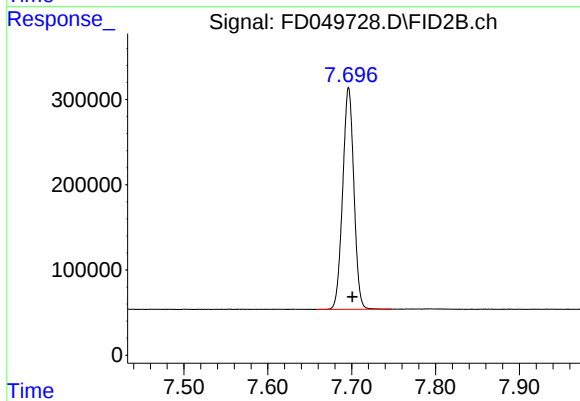
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 2725395
Conc: 21.92 ug/ml



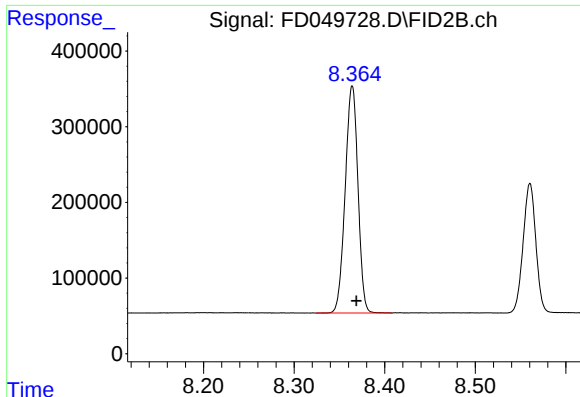
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2819970
Conc: 21.64 ug/ml



#4 2-Bromonaphthalene (SURR)

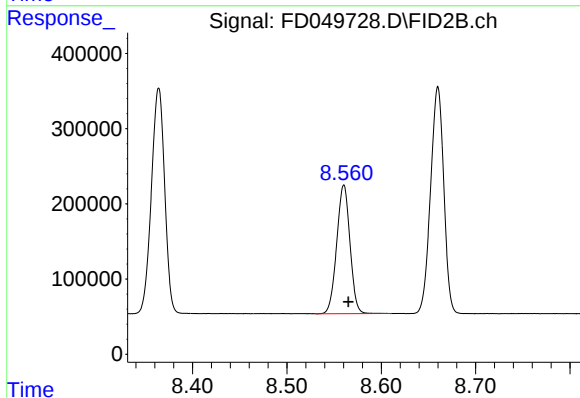
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 2418578
Conc: 21.51 ug/ml



#5 Acenaphthylene (C15.06)

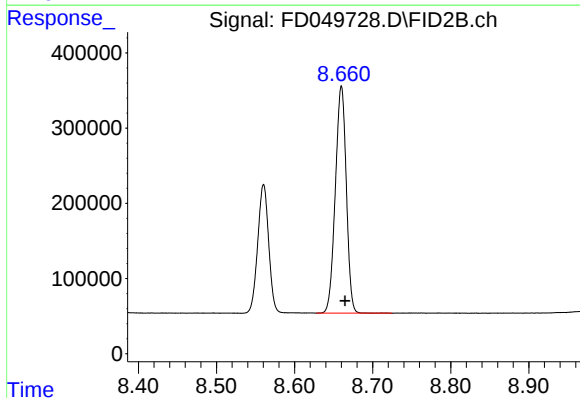
R.T.: 8.364 min
Delta R.T.: -0.004 min
Response: 2939917
Conc: 21.21 ug/ml

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20 PPM AROMATIC HC STD



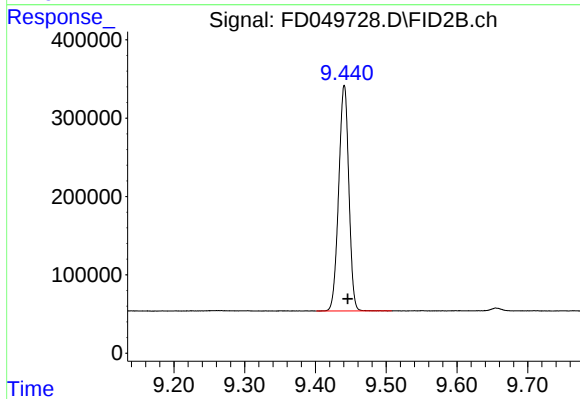
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1671275
Conc: 20.82 ug/ml



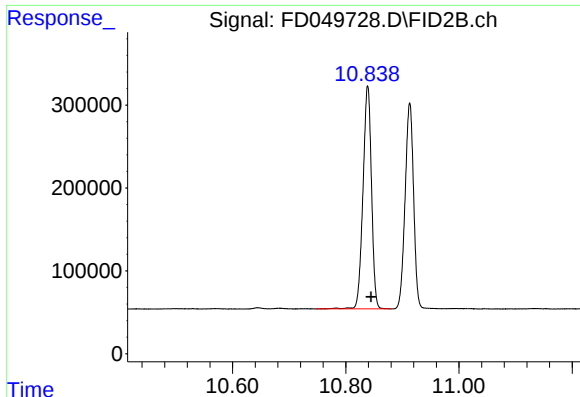
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 2939292
Conc: 21.20 ug/ml



#8 Fluorene (C16.55)

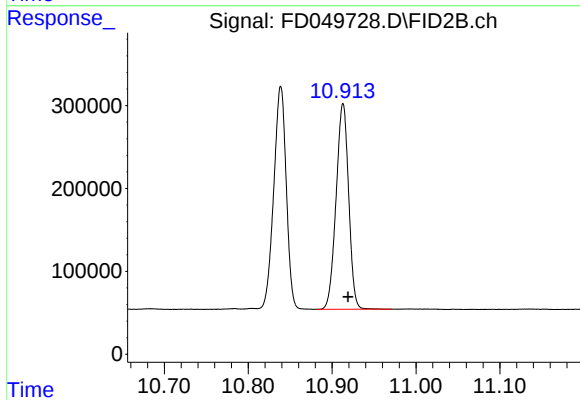
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 2864031
Conc: 20.65 ug/ml



#9 Phenanthrene (C19.36)

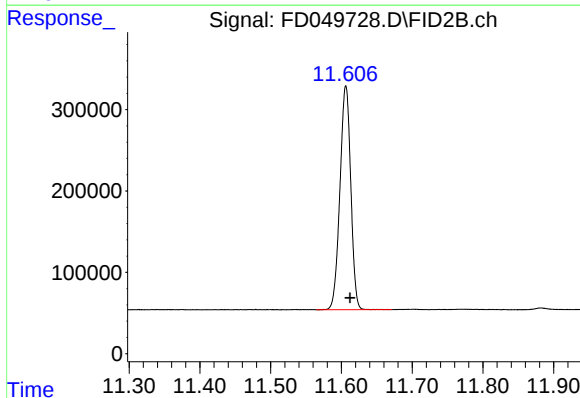
R.T.: 10.839 min
Delta R.T.: -0.006 min
Response: 2804032
Conc: 20.13 ug/ml

Instrument :
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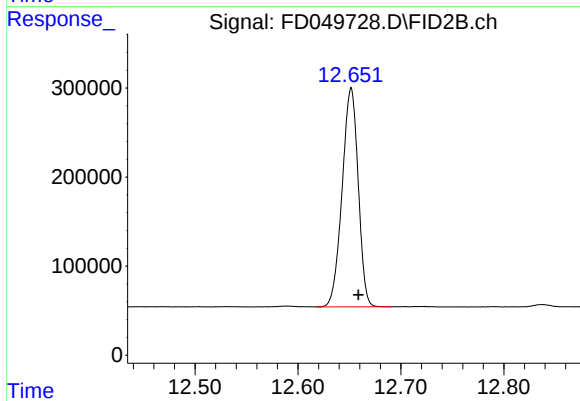
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2587467
Conc: 19.60 ug/ml



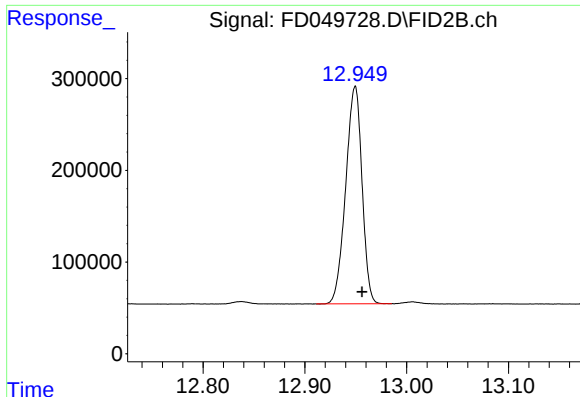
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 2921137
Conc: 20.65 ug/ml



#12 Fluoranthene (C21.85)

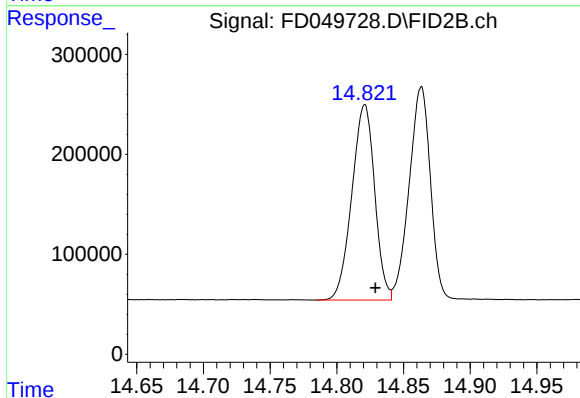
R.T.: 12.651 min
Delta R.T.: -0.007 min
Response: 2664319
Conc: 19.78 ug/ml



#13 Pyrene (C20.8)

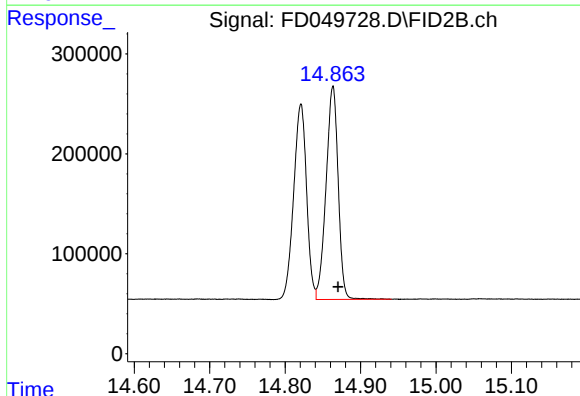
R.T.: 12.949 min
Delta R.T.: -0.007 min
Response: 2637161
Conc: 19.82 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



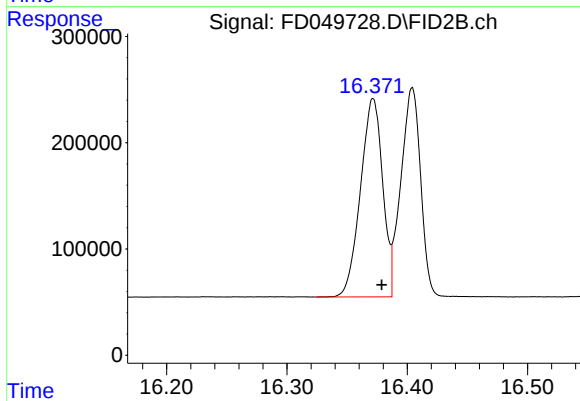
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 2325618
Conc: 19.45 ug/ml



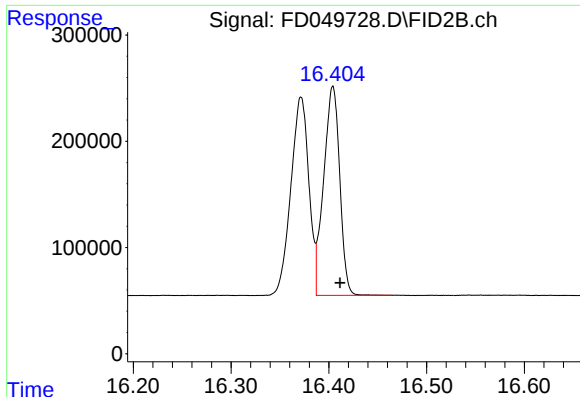
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: -0.007 min
Response: 2382651
Conc: 19.59 ug/ml



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

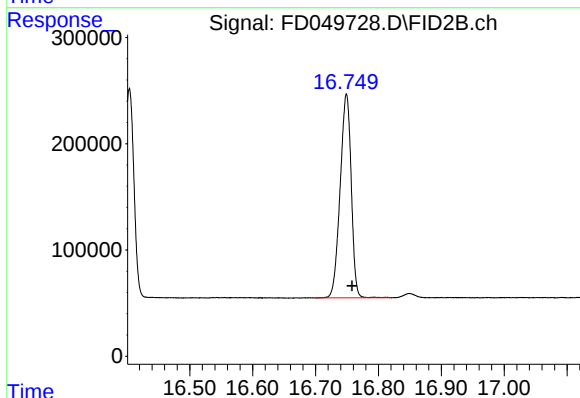
R.T.: 16.372 min
Delta R.T.: -0.007 min
Response: 2395374
Conc: 19.98 ug/ml



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

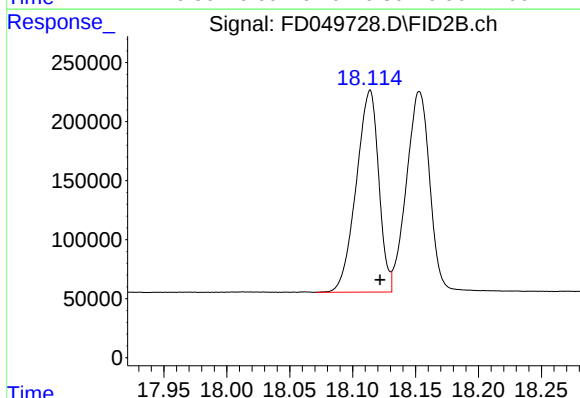
R.T.: 16.404 min
Delta R.T.: -0.007 min
Response: 2244875
Conc: 19.92 ug/ml

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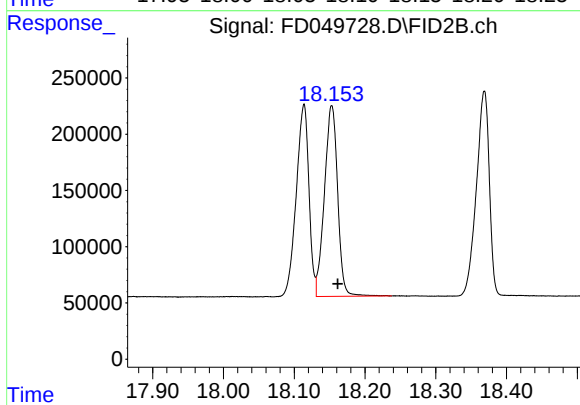
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.009 min
Response: 2343342
Conc: 19.97 ug/ml



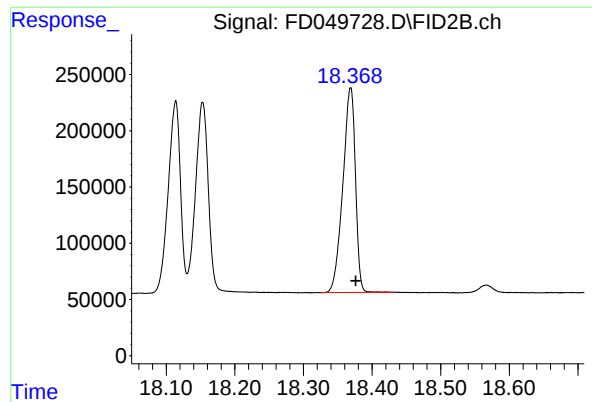
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.008 min
Response: 2128083
Conc: 19.56 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.009 min
Response: 2200786
Conc: 19.31 ug/ml



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

R.T.: 18.368 min
Delta R.T.: -0.008 min
Response: 2321054
Conc: 19.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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