

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061025AR\
 Data File : FD049427.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 13:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 01:07:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.732	2975394	17.899 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
6) S 2-Fluorobiphenyl (SURR)	8.597	2016757	17.629 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.26%
11) S ortho-Terphenyl (SURR)	11.642	3553158	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3102459	19.499 ug/ml
2) T Naphthalene (C11.7)	6.069	3382802	19.266 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3459496	19.365 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3594297	18.555 ug/ml
7) T Acenaphthene (C15.5)	8.696	3576814	18.804 ug/ml
8) T Fluorene (C16.55)	9.477	3517249	17.989 ug/ml
9) T Phenanthrene (C19.36)	10.876	3505344	18.436 ug/ml
10) T Anthracene (C19.43)	10.950	2913761	16.667 ug/ml
12) T Fluoranthene (C21.85)	12.691	3471021	19.243 ug/ml
13) T Pyrene (C20.8)	12.989	3464857	19.413 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3041139	20.009 ug/ml
15) T Chrysene (C27.41)	14.903	3134284	20.640 ug/ml
16) T benzo[b]fluoranthene ...	16.411	3177149	21.950 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2961342	20.637 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	3065305	22.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2767417	21.666 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	2790134	20.725 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	3045865	22.598 ug/ml

(f)=RT Delta > 1/2 Window

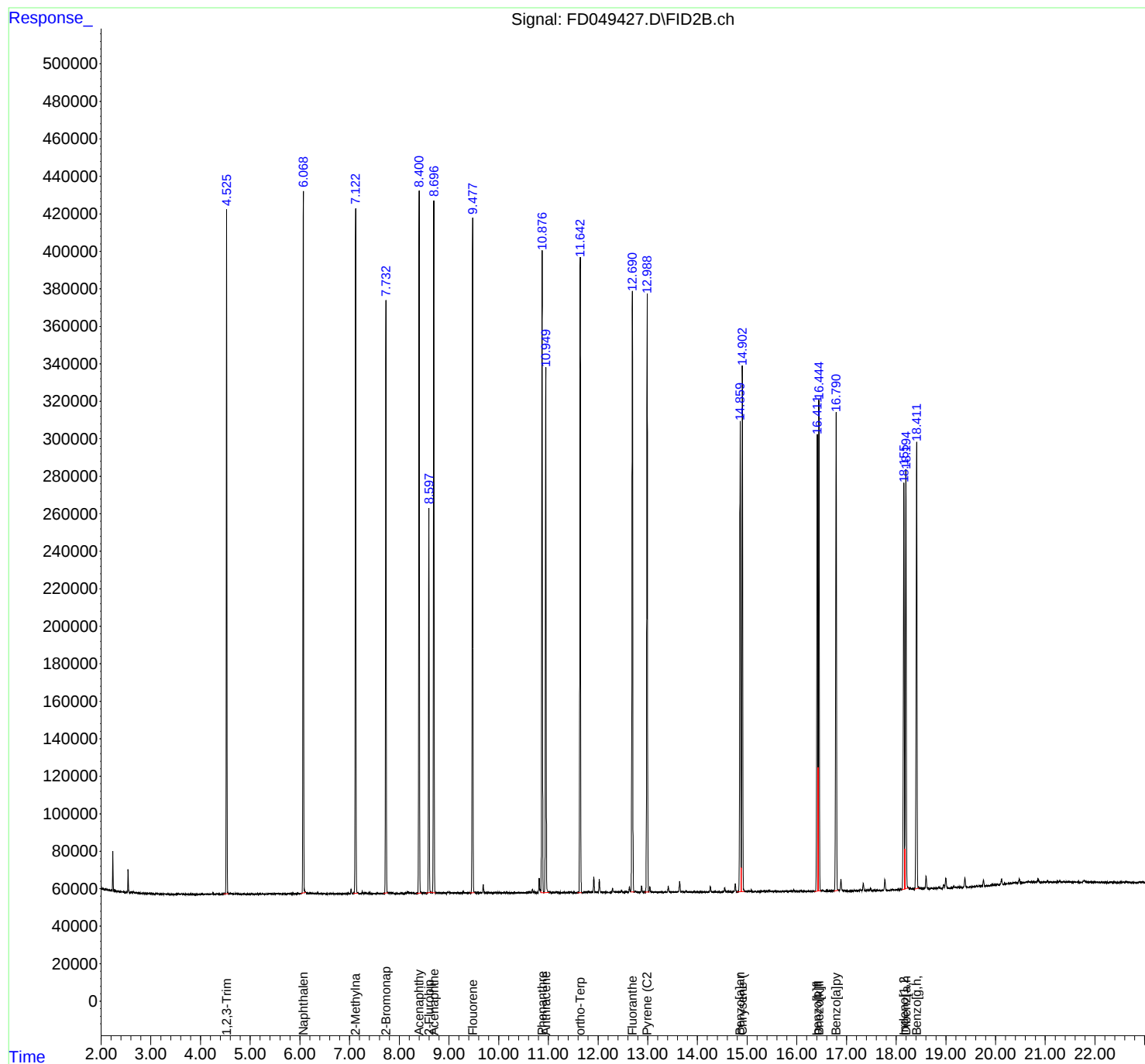
(m)=manual int.

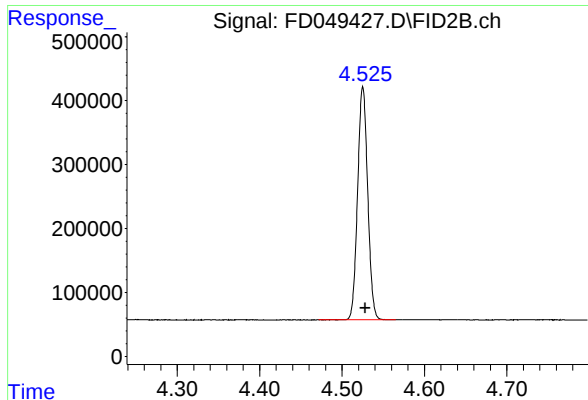
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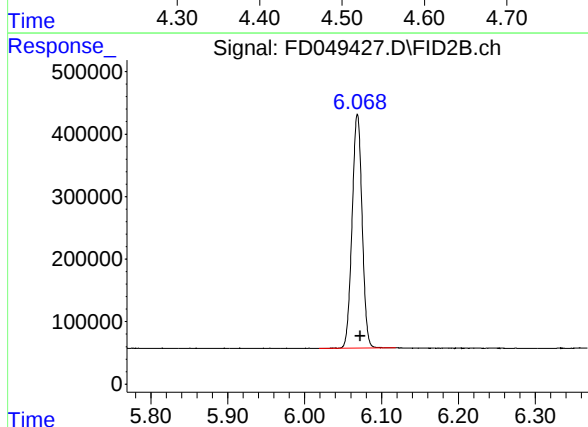




#1 1,2,3-Trimethylbenzene (C10.1)

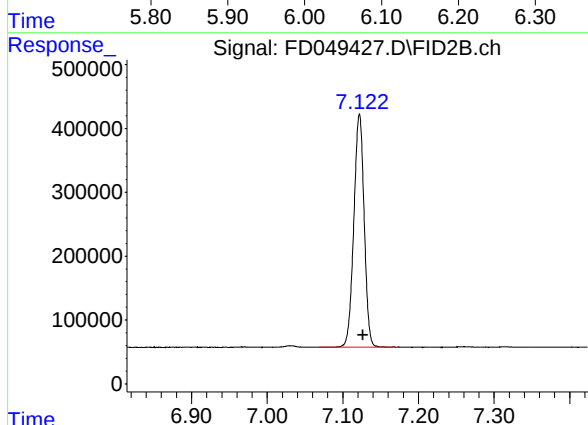
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3102459
Conc: 19.50 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



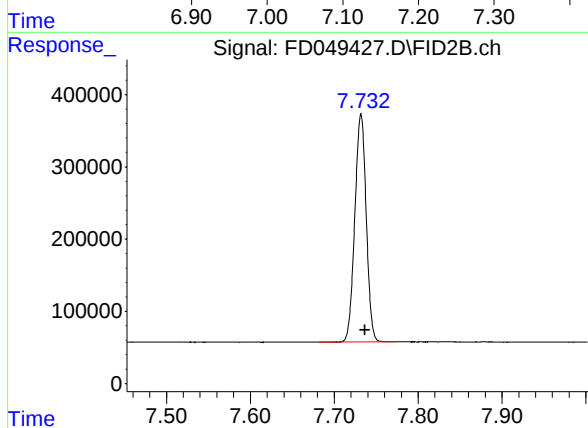
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3382802
Conc: 19.27 ug/ml



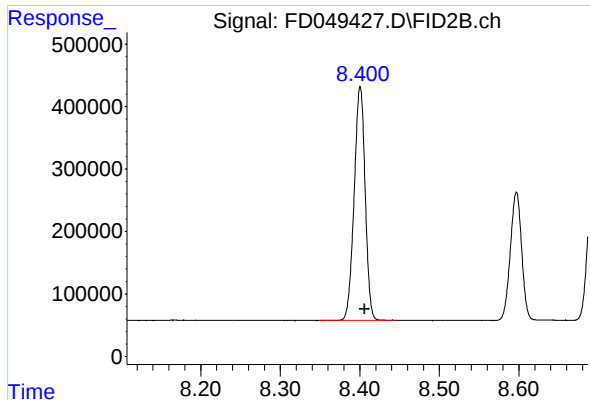
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3459496
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

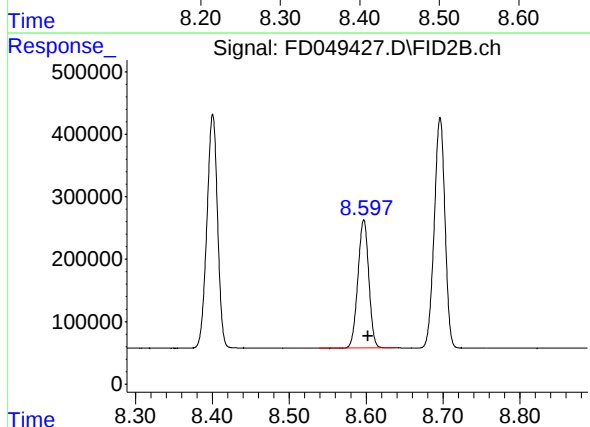
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 2975394
Conc: 17.90 ug/ml



#5 Acenaphthylene (C15.06)

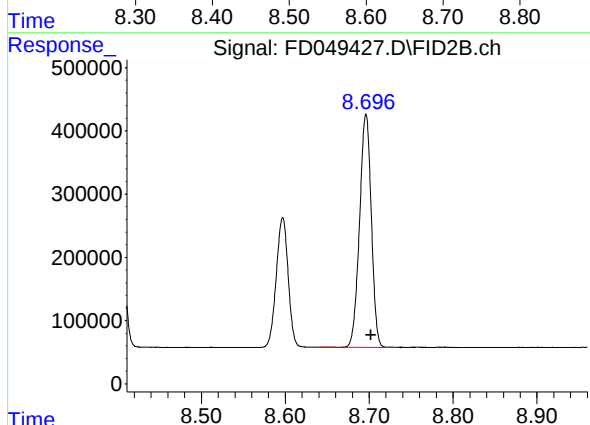
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3594297
Conc: 18.55 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



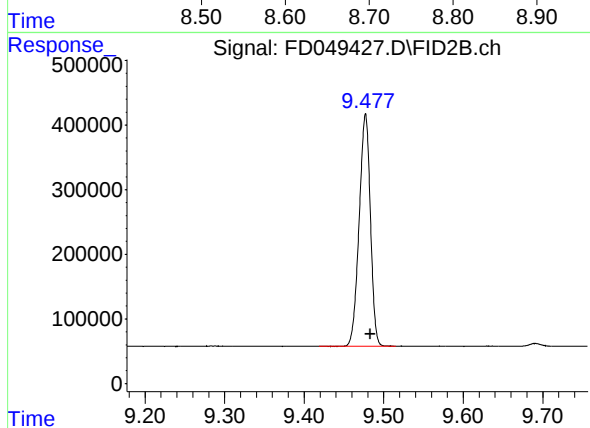
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2016757
Conc: 17.63 ug/ml



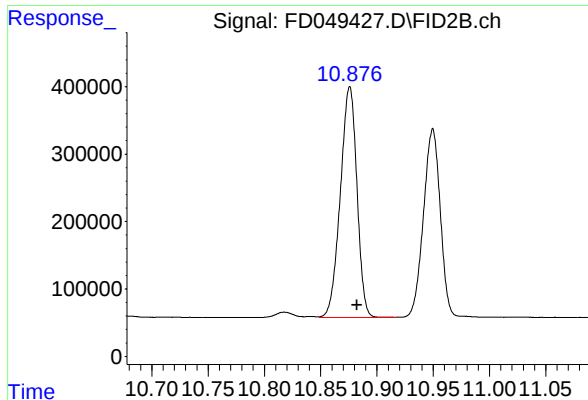
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 3576814
Conc: 18.80 ug/ml



#8 Fluorene (C16.55)

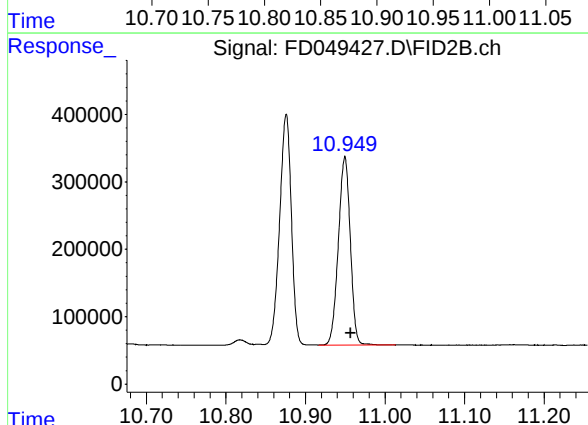
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3517249
Conc: 17.99 ug/ml



#9 Phenanthrene (C19.36)

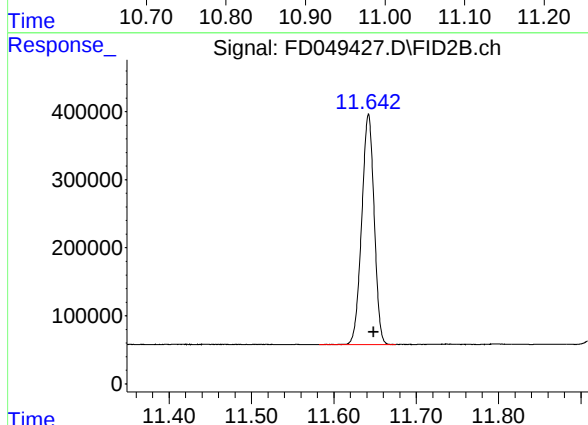
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3505344
Conc: 18.44 ug/ml

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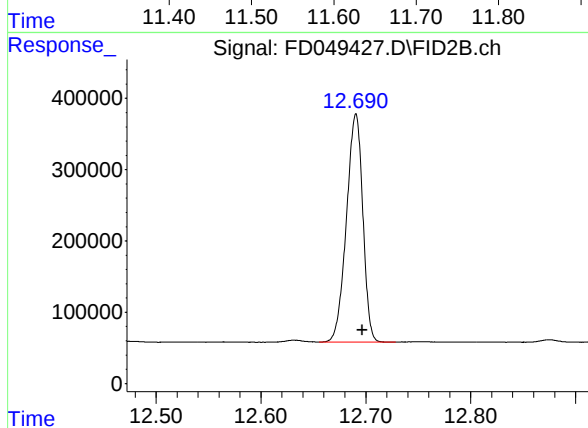
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 2913761
Conc: 16.67 ug/ml



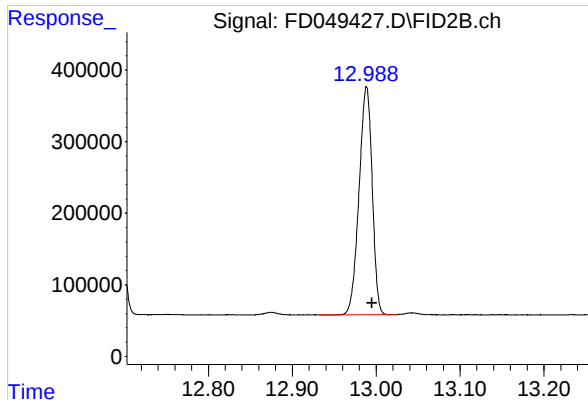
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.006 min
Response: 3553158
Conc: 17.70 ug/ml



#12 Fluoranthene (C21.85)

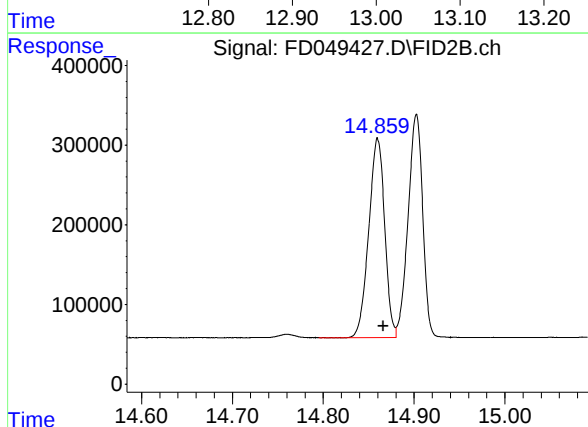
R.T.: 12.691 min
Delta R.T.: -0.006 min
Response: 3471021
Conc: 19.24 ug/ml



#13 Pyrene (C20.8)

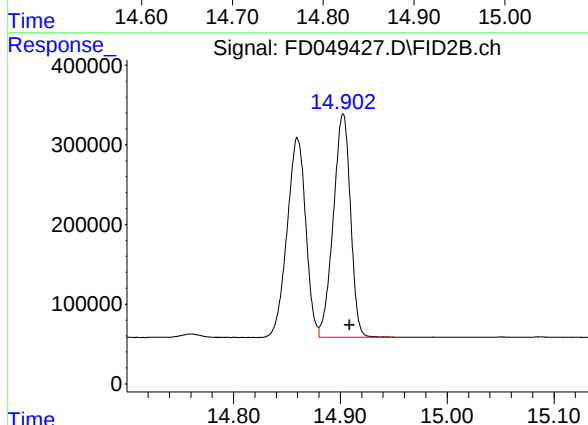
R.T.: 12.989 min
Delta R.T.: -0.006 min
Response: 3464857
Conc: 19.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



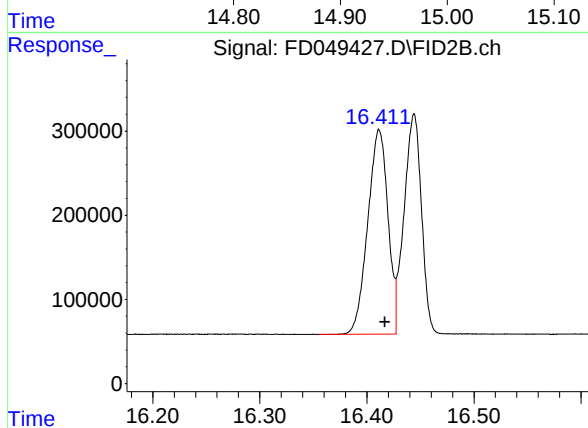
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.006 min
Response: 3041139
Conc: 20.01 ug/ml



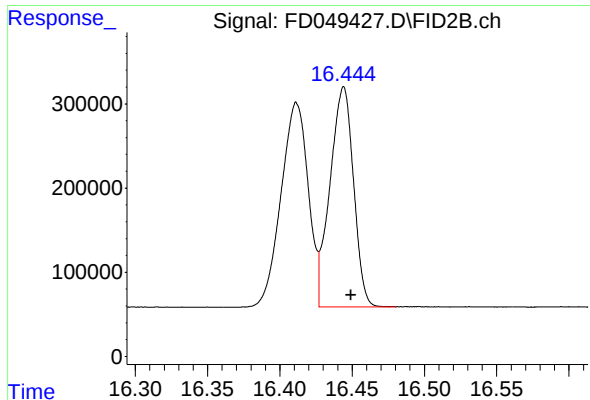
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: -0.006 min
Response: 3134284
Conc: 20.64 ug/ml



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

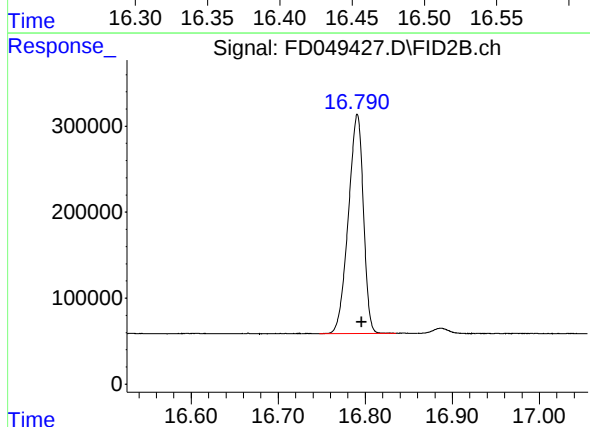
R.T.: 16.411 min
Delta R.T.: -0.005 min
Response: 3177149
Conc: 21.95 ug/ml



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

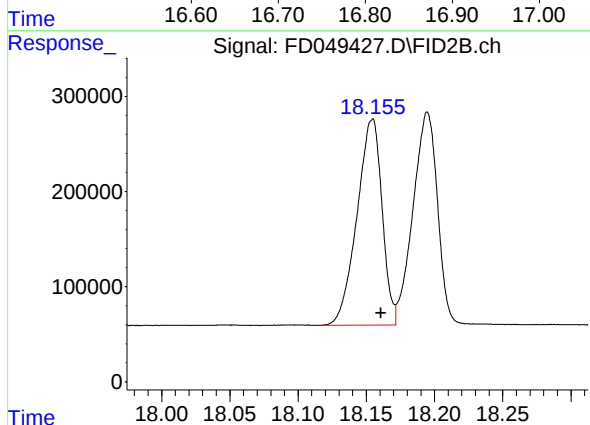
R.T.: 16.444 min
Delta R.T.: -0.005 min
Response: 2961342
Conc: 20.64 ug/ml

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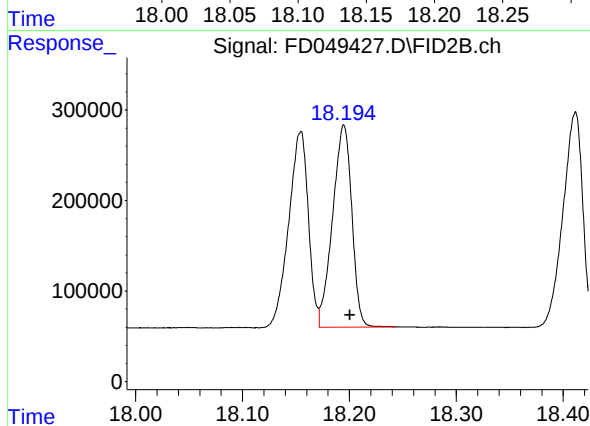
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: -0.005 min
Response: 3065305
Conc: 22.55 ug/ml



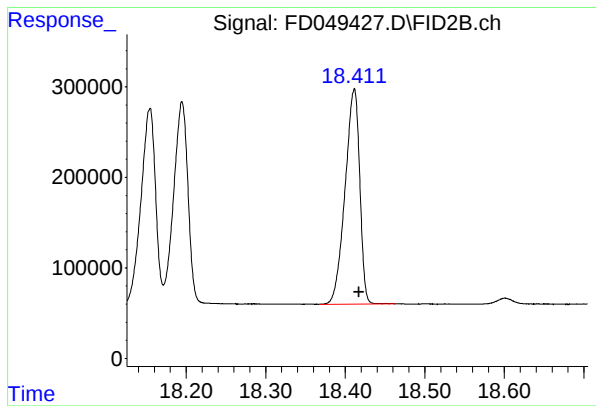
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: -0.006 min
Response: 2767417
Conc: 21.67 ug/ml



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

R.T.: 18.195 min
Delta R.T.: -0.006 min
Response: 2790134
Conc: 20.73 ug/ml



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

R.T.: 18.411 min
Delta R.T.: -0.006 min
Response: 3045865
Conc: 22.60 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD