

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049548.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 13:47
 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: sample.E
 Quant Time: Jul 17 07:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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	2730906	20.873 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
6) S 2-Fluorobiphenyl (SURR)	8.598	1927007	20.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.59%
11) S ortho-Terphenyl (SURR)	11.641	3430080	20.919 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2695758	20.867 ug/ml
2) T Naphthalene (C11.7)	6.069	3061871	20.920 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3171126	20.882 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3284442	20.692 ug/ml
7) T Acenaphthene (C15.5)	8.697	3294551	20.808 ug/ml
8) T Flouorene (C16.55)	9.477	3323898	20.807 ug/ml
9) T Phenanthrene (C19.36)	10.876	3427070	20.922 ug/ml
10) T Anthracene (C19.43)	10.949	2784723	17.482 ug/ml
12) T Fluoranthene (C21.85)	12.688	3409490	20.976 ug/ml
13) T Pyrene (C20.8)	12.986	3411301	21.020 ug/ml
14) T Benzo[a]anthracene (C...	14.857	3035596	20.728 ug/ml
15) T Chrysene (C27.41)	14.900	3134759	21.063 ug/ml
16) T benzo[b]fluoranthene ...	16.408	2989883	21.102 ug/ml
17) T Bnezo[k]fluoranthene ...	16.440	2810632	21.024 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.786	2838973	20.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	2600311	20.761 ug/ml
20) T Dibenz[a,h]anthracene...	18.190	2825707	21.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	2753587	20.806 ug/ml

(f)=RT Delta > 1/2 Window

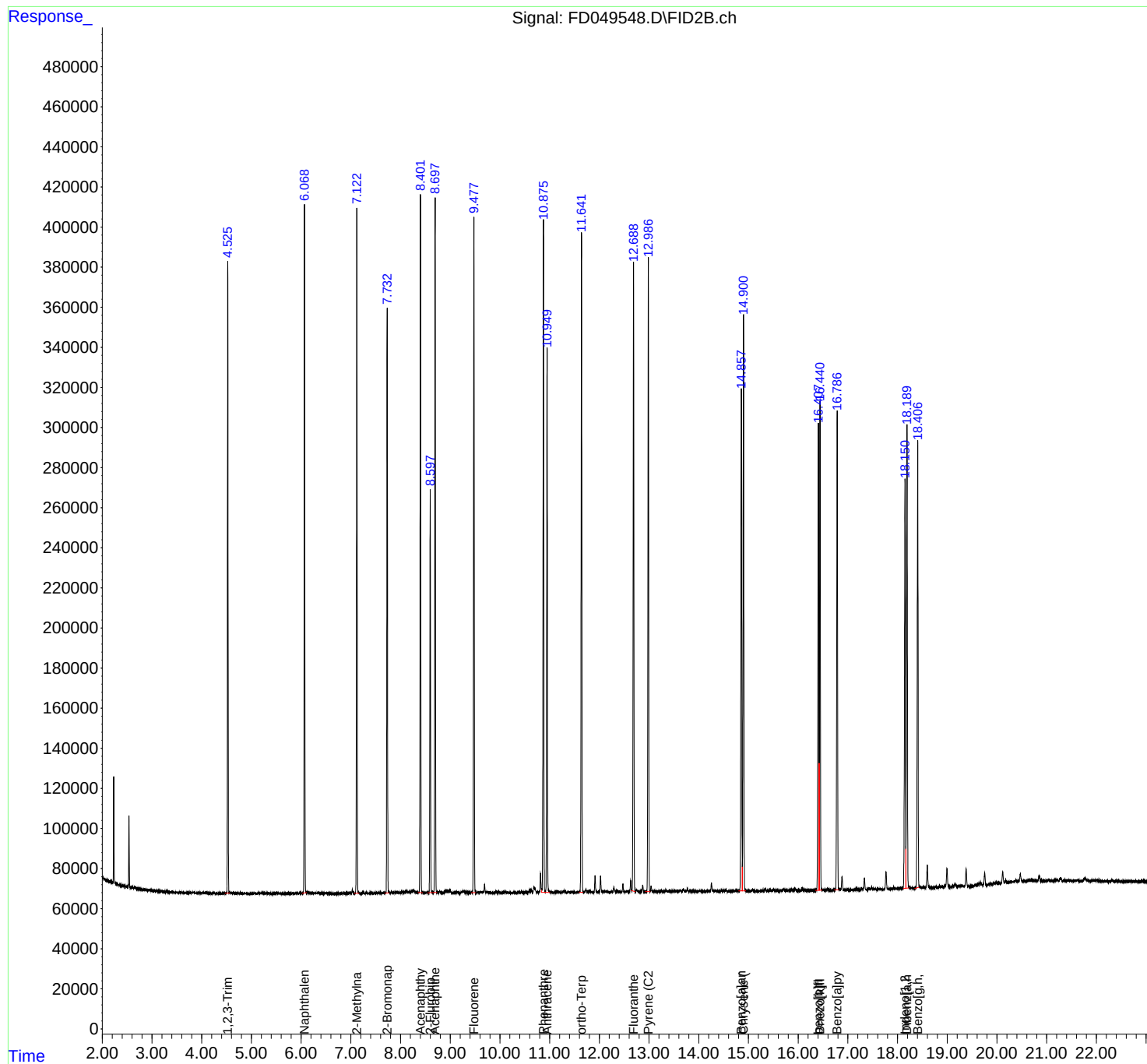
(m)=manual int.

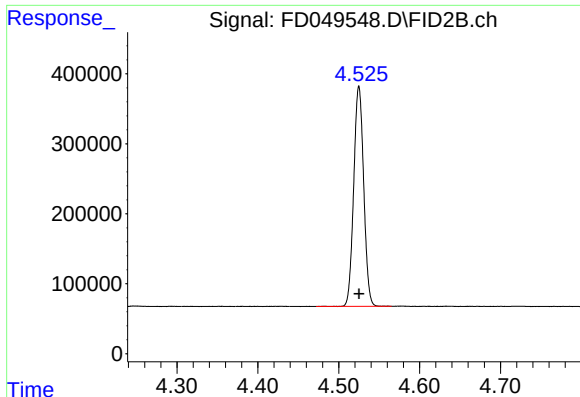
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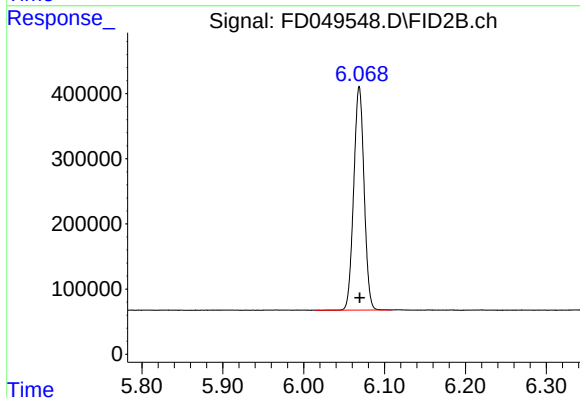




#1 1,2,3-Trimethylbenzene (C10.1)

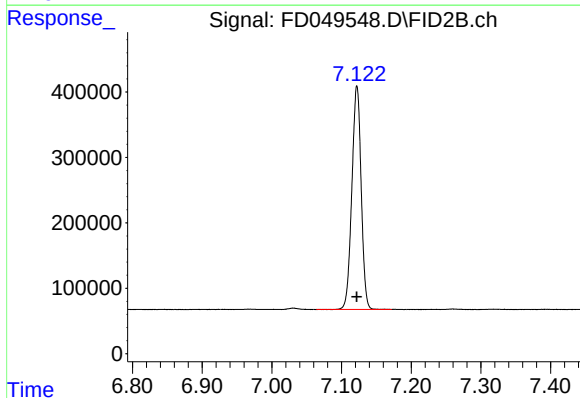
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2695758
Conc: 20.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



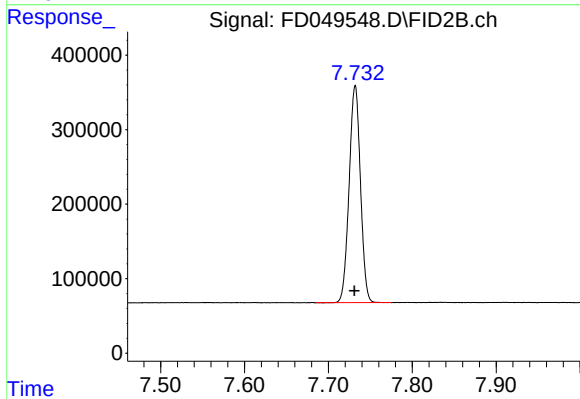
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3061871
Conc: 20.92 ug/ml



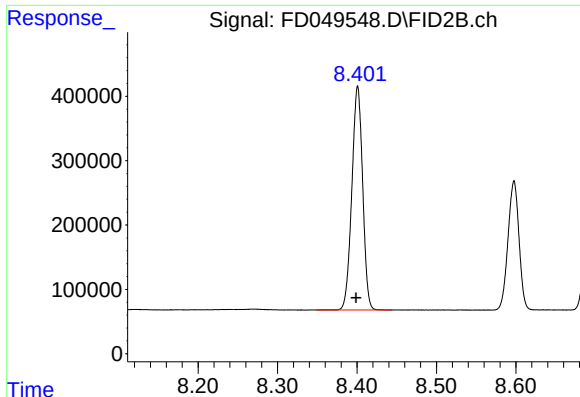
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 3171126
Conc: 20.88 ug/ml



#4 2-Bromonaphthalene (SURR)

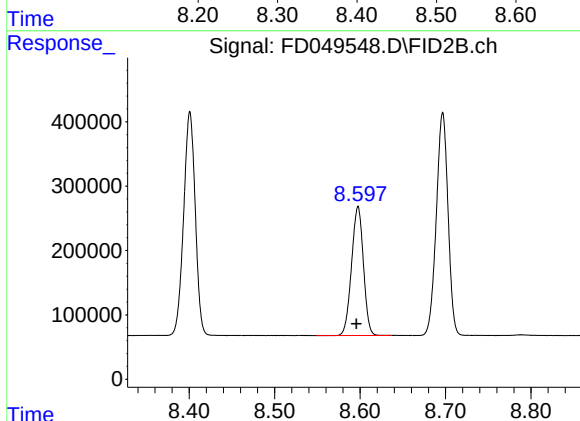
R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 2730906
Conc: 20.87 ug/ml



#5 Acenaphthylene (C15.06)

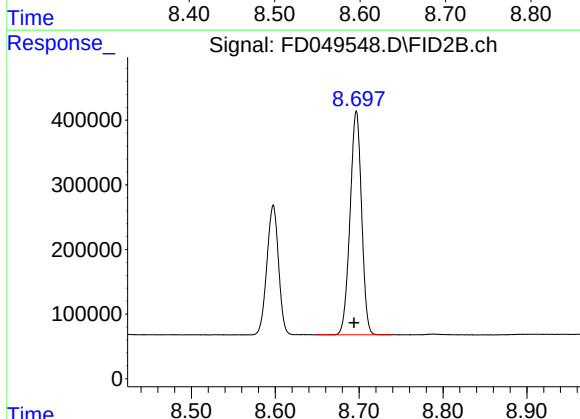
R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 3284442
Conc: 20.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



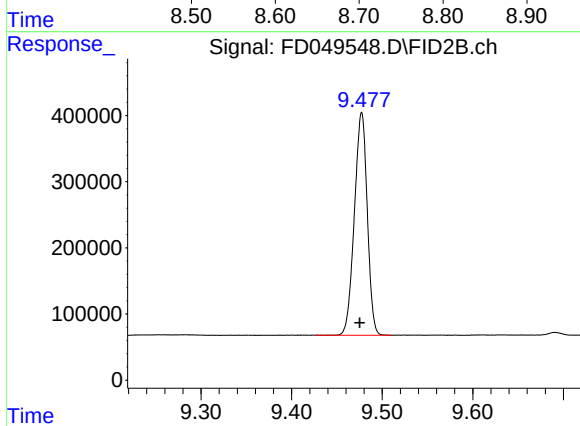
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 1927007
Conc: 20.80 ug/ml



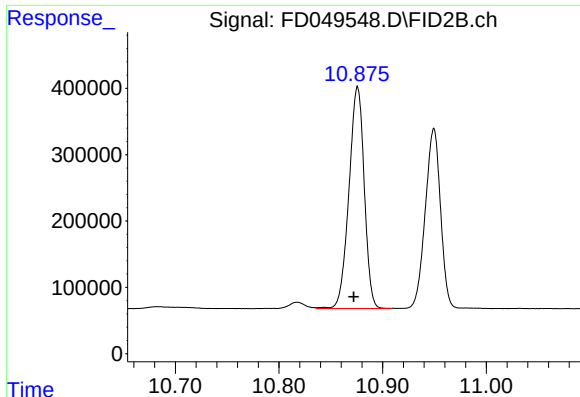
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 3294551
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

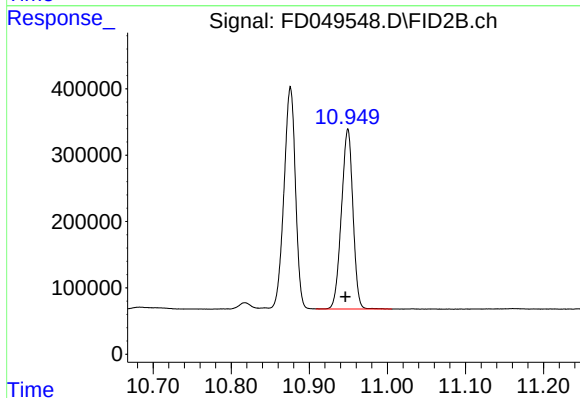
R.T.: 9.477 min
Delta R.T.: 0.002 min
Response: 3323898
Conc: 20.81 ug/ml



#9 Phenanthrene (C19.36)

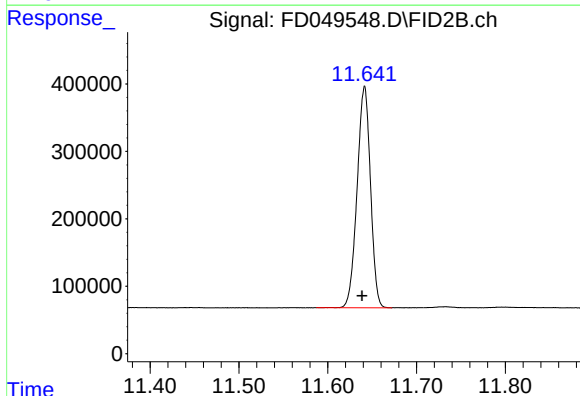
R.T.: 10.876 min
Delta R.T.: 0.004 min
Response: 3427070
Conc: 20.92 ug/ml

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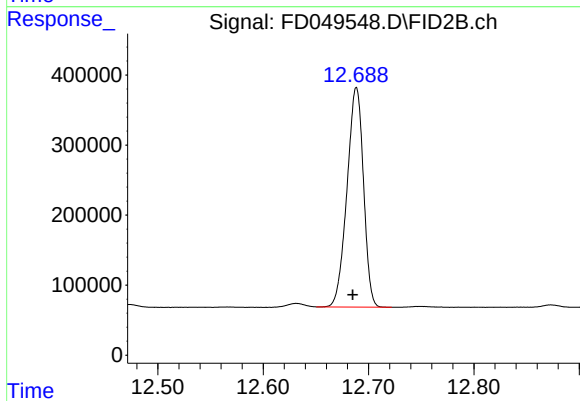
#10 Anthracene (C19.43)

R.T.: 10.949 min
Delta R.T.: 0.003 min
Response: 2784723
Conc: 17.48 ug/ml



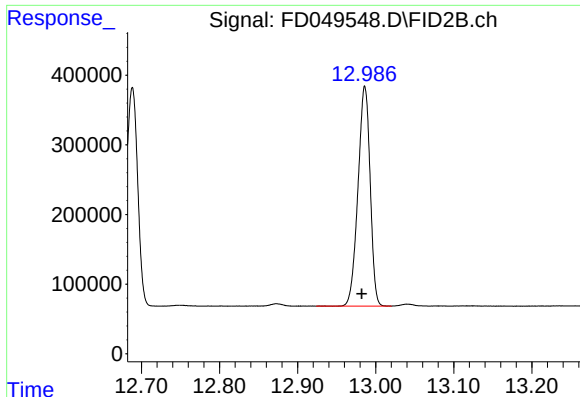
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: 0.003 min
Response: 3430080
Conc: 20.92 ug/ml



#12 Fluoranthene (C21.85)

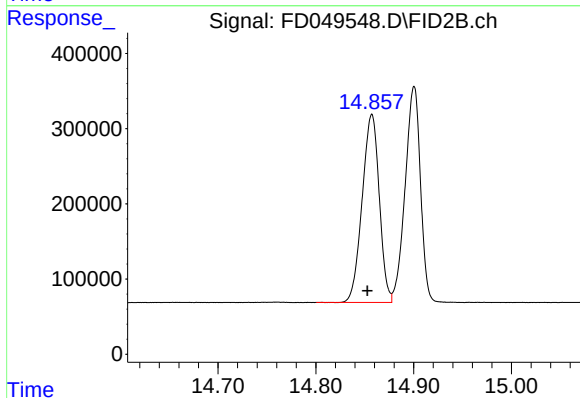
R.T.: 12.688 min
Delta R.T.: 0.004 min
Response: 3409490
Conc: 20.98 ug/ml



#13 Pyrene (C20.8)

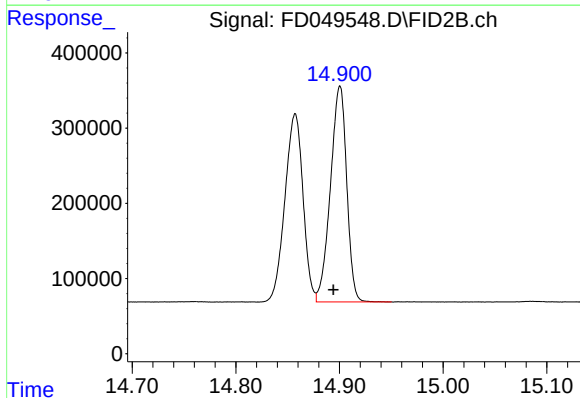
R.T.: 12.986 min
Delta R.T.: 0.004 min
Response: 3411301
Conc: 21.02 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



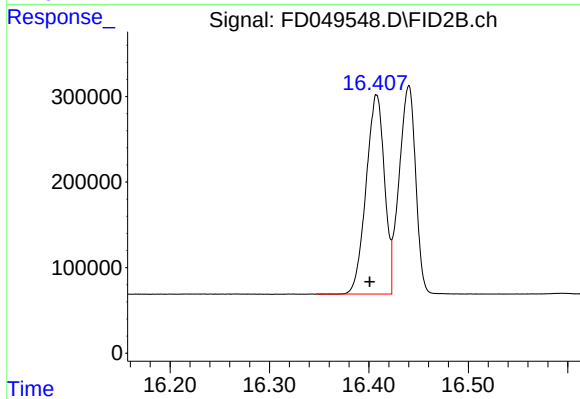
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.857 min
Delta R.T.: 0.004 min
Response: 3035596
Conc: 20.73 ug/ml



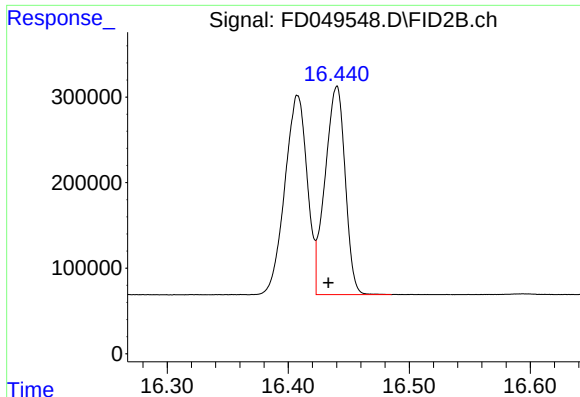
#15 Chrysene (C27.41)

R.T.: 14.900 min
Delta R.T.: 0.006 min
Response: 3134759
Conc: 21.06 ug/ml



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

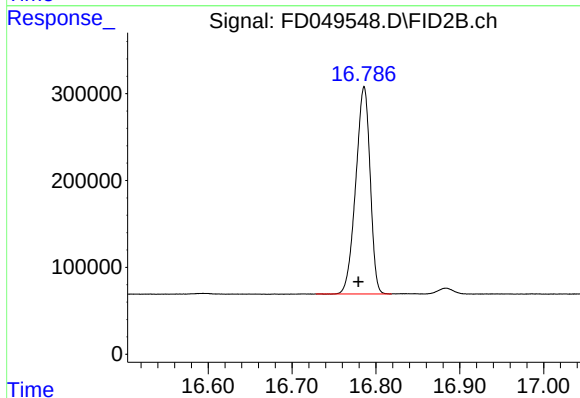
R.T.: 16.408 min
Delta R.T.: 0.007 min
Response: 2989883
Conc: 21.10 ug/ml



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

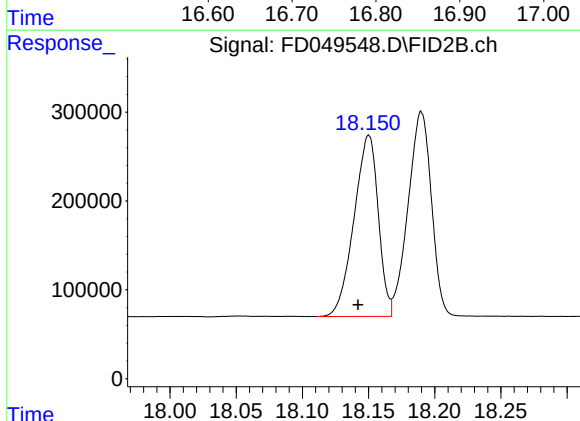
R.T.: 16.440 min
Delta R.T.: 0.007 min
Response: 2810632
Conc: 21.02 ug/ml

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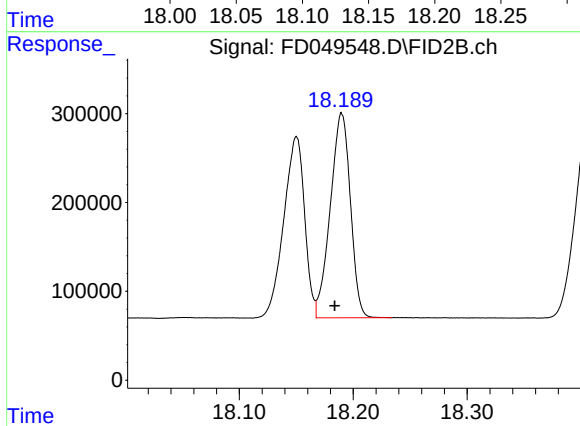
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.786 min
Delta R.T.: 0.007 min
Response: 2838973
Conc: 20.62 ug/ml



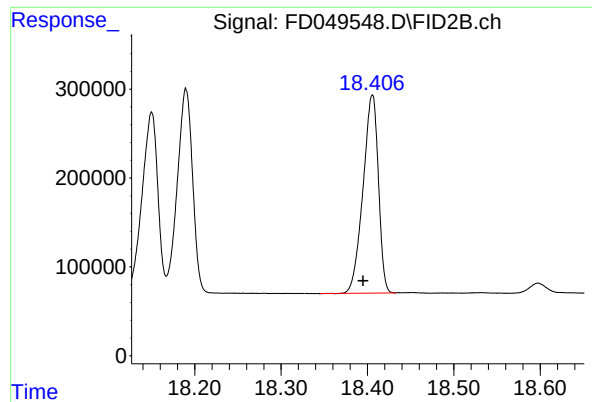
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.008 min
Response: 2600311
Conc: 20.76 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.006 min
Response: 2825707
Conc: 21.45 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.011 min
Response: 2753587
Conc: 20.81 ug/ml

Instrument :

FID_D

ClientSampleId :

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