

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071725AR\
 Data File : FD049569.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 08:56
 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: Jul 17 11:54:29 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...	7.734	2761028	21.103 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
6) S 2-Fluorobiphenyl (SURR)	8.600	1968926	21.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.50%
11) S ortho-Terphenyl (SURR)	11.643	3314732	20.216 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2718777	21.045 ug/ml
2) T Naphthalene (C11.7)	6.072	3021618	20.645 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	3027569	19.936 ug/ml
5) T Acenaphthylene (C15.06)	8.403	3265547	20.573 ug/ml
7) T Acenaphthene (C15.5)	8.699	3190142	20.149 ug/ml
8) T Flouorene (C16.55)	9.480	3305270	20.691 ug/ml
9) T Phenanthrene (C19.36)	10.878	3328135	20.318 ug/ml
10) T Anthracene (C19.43)	10.952	3056549	19.188 ug/ml
12) T Fluoranthene (C21.85)	12.691	3300601	20.306 ug/ml
13) T Pyrene (C20.8)	12.990	3294747	20.301 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2971371	20.289 ug/ml
15) T Chrysene (C27.41)	14.903	2968354	19.945 ug/ml
16) T benzo[b]fluoranthene ...	16.410	2812464	19.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2804134	20.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2650034	19.248 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2491036	19.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2664171	20.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2638398	19.936 ug/ml

(f)=RT Delta > 1/2 Window

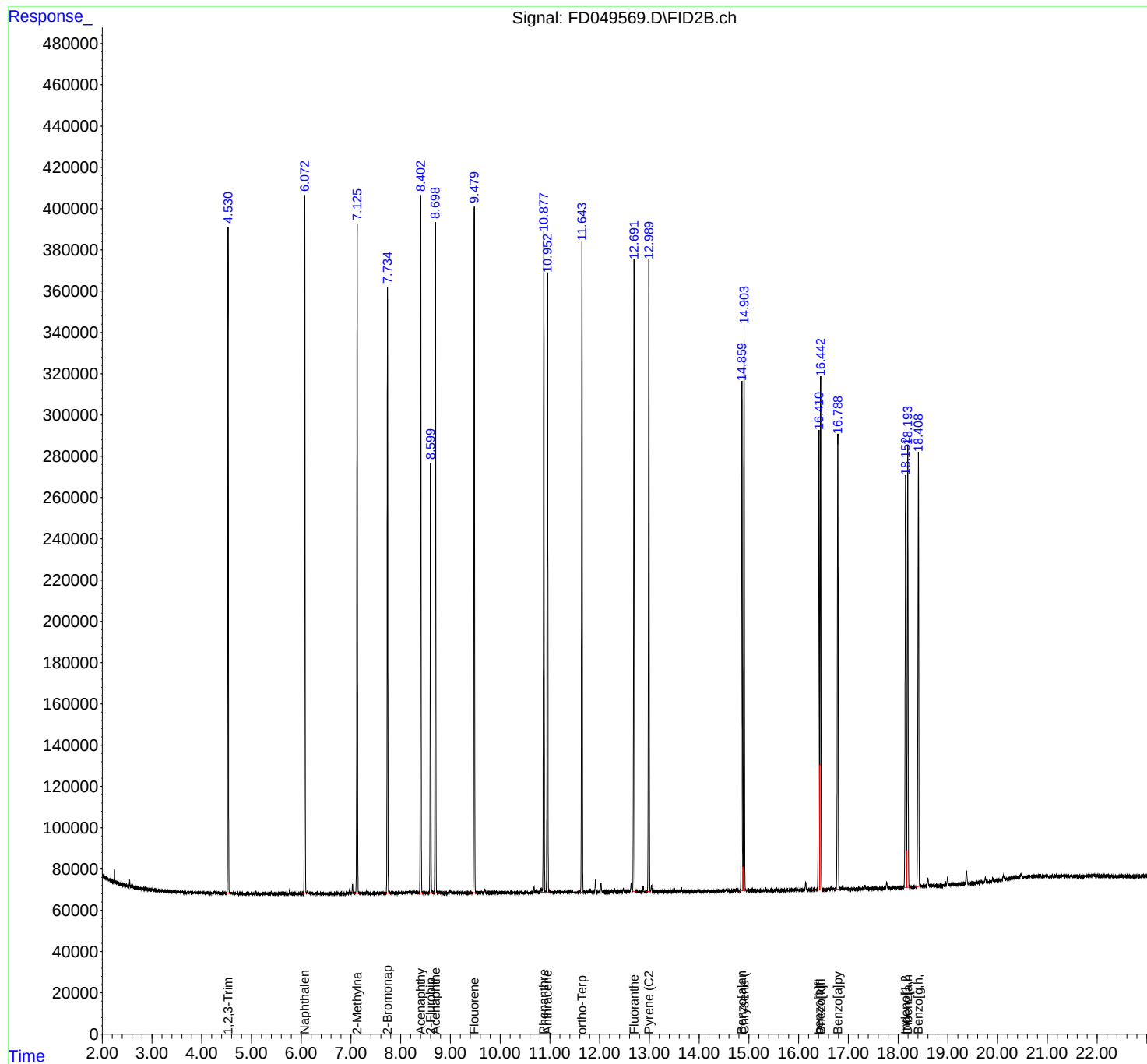
(m)=manual int.

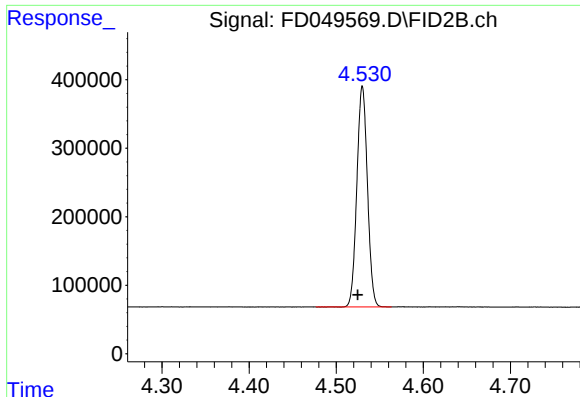
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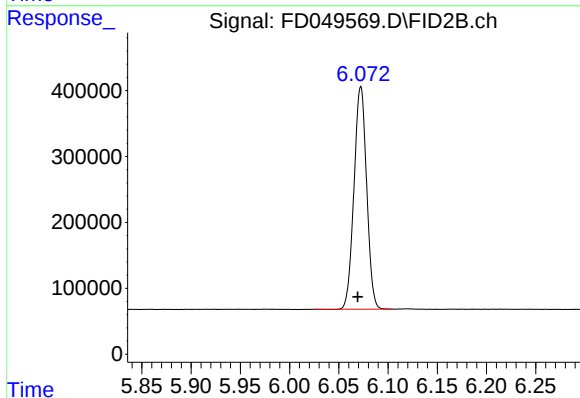




#1 1,2,3-Trimethylbenzene (C10.1)

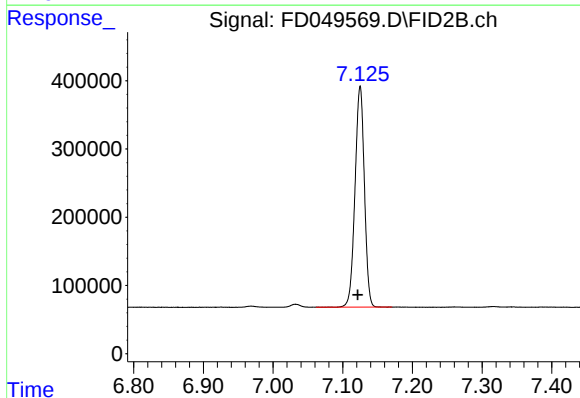
R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 2718777
Conc: 21.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



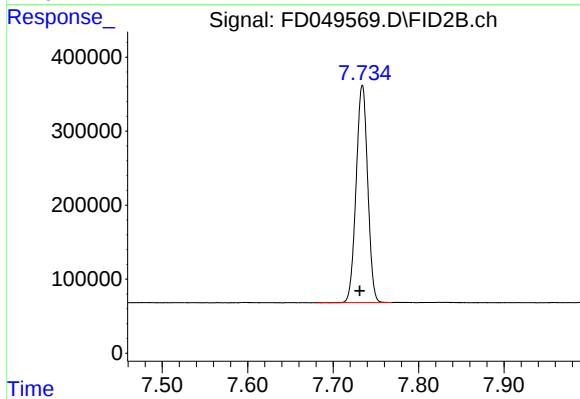
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 3021618
Conc: 20.65 ug/ml



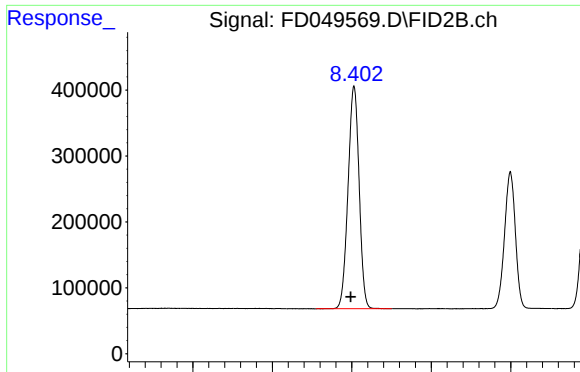
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.003 min
Response: 3027569
Conc: 19.94 ug/ml



#4 2-Bromonaphthalene (SURR)

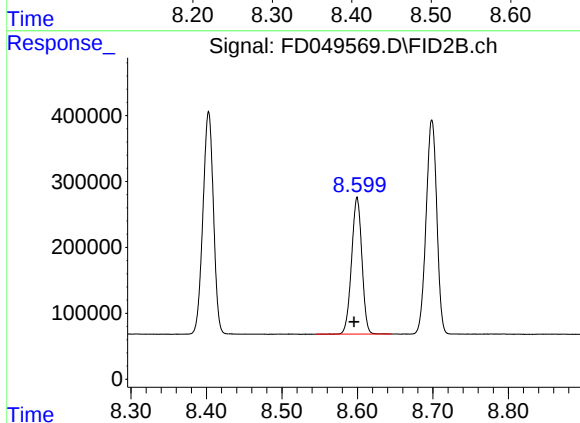
R.T.: 7.734 min
Delta R.T.: 0.003 min
Response: 2761028
Conc: 21.10 ug/ml



#5 Acenaphthylene (C15.06)

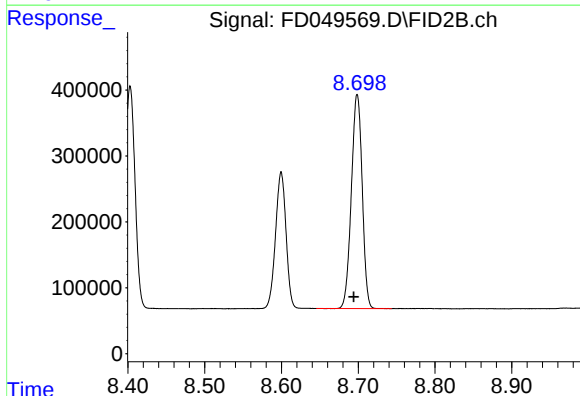
R.T.: 8.403 min
Delta R.T.: 0.004 min
Response: 3265547
Conc: 20.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



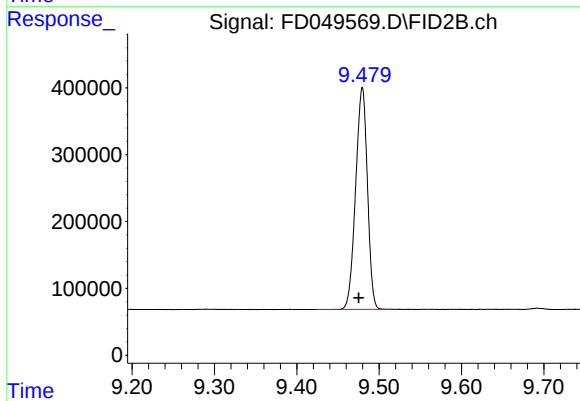
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: 0.004 min
Response: 1968926
Conc: 21.25 ug/ml



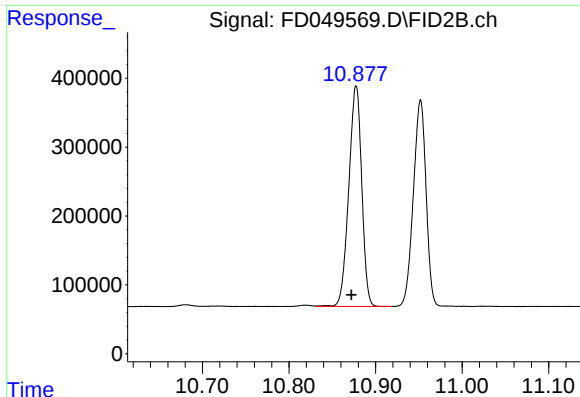
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 3190142
Conc: 20.15 ug/ml



#8 Flouorene (C16.55)

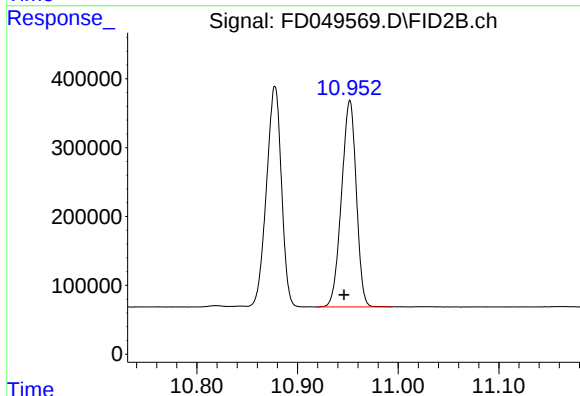
R.T.: 9.480 min
Delta R.T.: 0.004 min
Response: 3305270
Conc: 20.69 ug/ml



#9 Phenanthrene (C19.36)

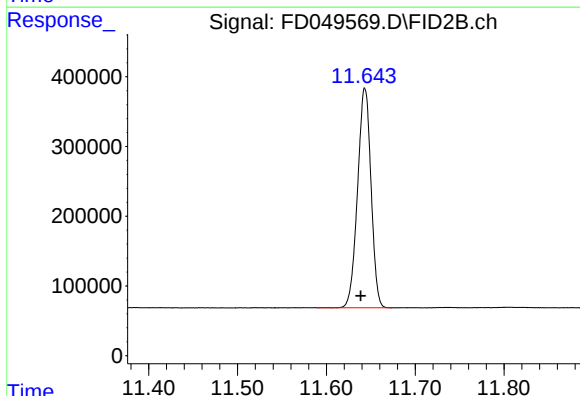
R.T.: 10.878 min
Delta R.T.: 0.006 min
Response: 3328135
Conc: 20.32 ug/ml

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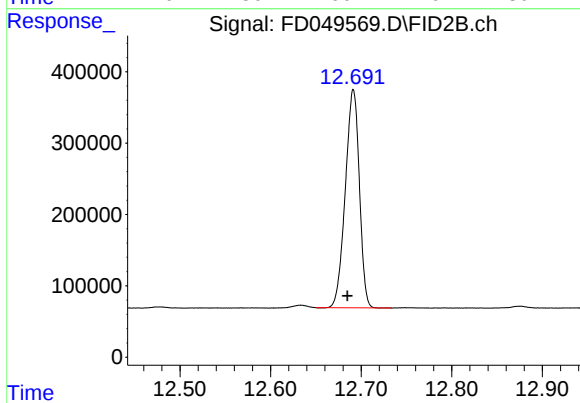
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: 0.006 min
Response: 3056549
Conc: 19.19 ug/ml



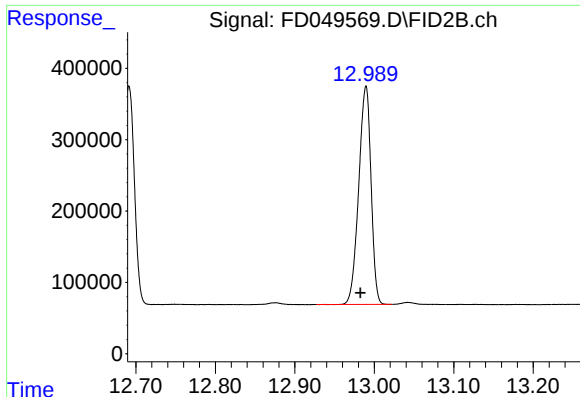
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.005 min
Response: 3314732
Conc: 20.22 ug/ml



#12 Fluoranthene (C21.85)

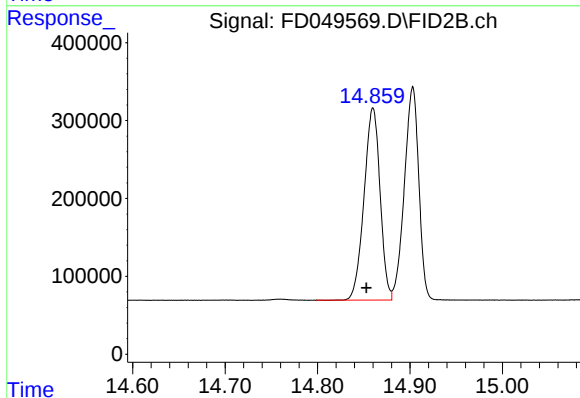
R.T.: 12.691 min
Delta R.T.: 0.007 min
Response: 3300601
Conc: 20.31 ug/ml



#13 Pyrene (C20.8)

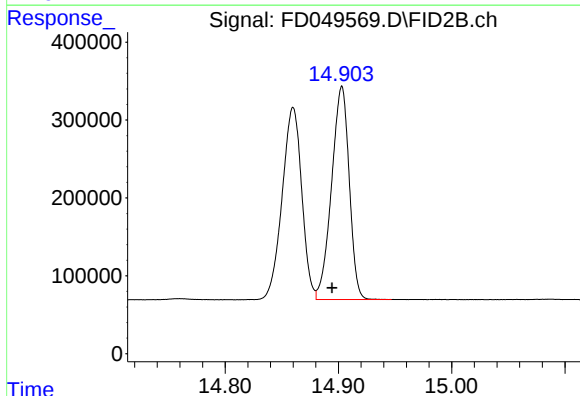
R.T.: 12.990 min
Delta R.T.: 0.007 min
Response: 3294747
Conc: 20.30 ug/ml

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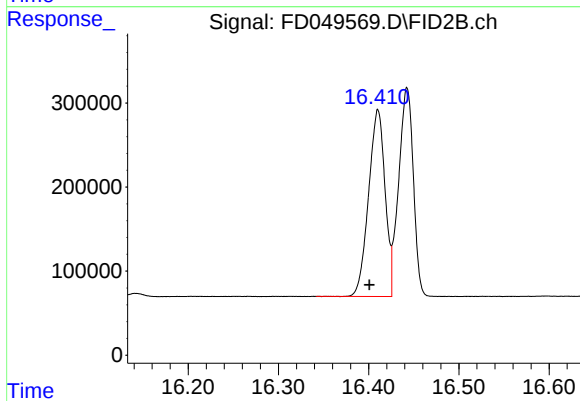
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: 0.007 min
Response: 2971371
Conc: 20.29 ug/ml



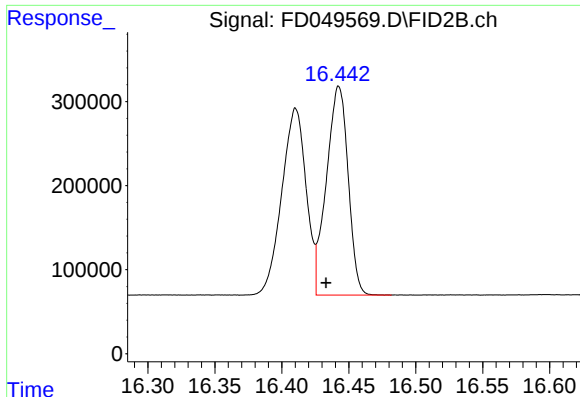
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.009 min
Response: 2968354
Conc: 19.95 ug/ml



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

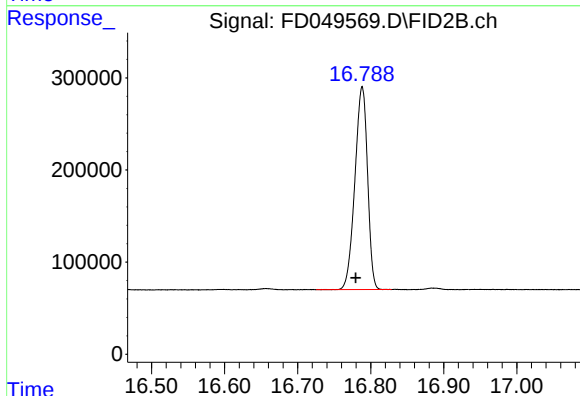
R.T.: 16.410 min
Delta R.T.: 0.009 min
Response: 2812464
Conc: 19.85 ug/ml



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

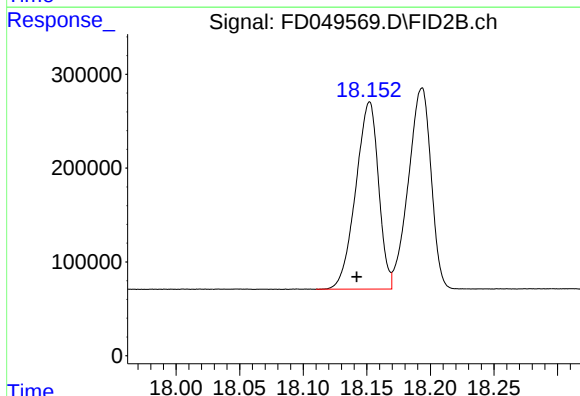
R.T.: 16.443 min
Delta R.T.: 0.009 min
Response: 2804134
Conc: 20.98 ug/ml

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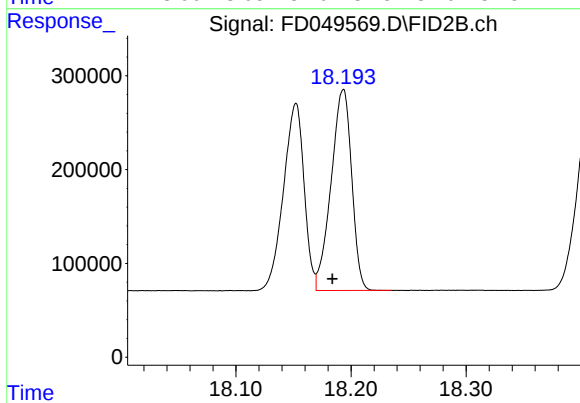
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: 0.009 min
Response: 2650034
Conc: 19.25 ug/ml



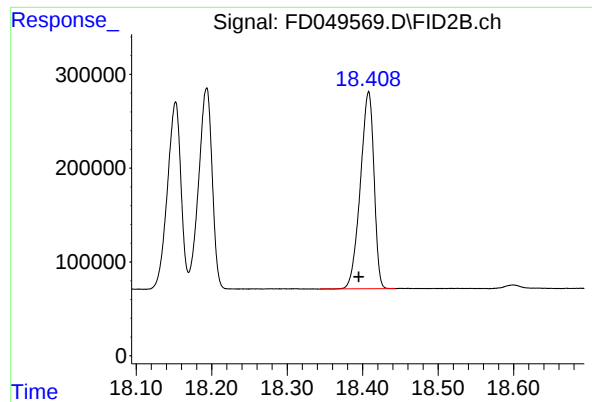
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.010 min
Response: 2491036
Conc: 19.89 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.010 min
Response: 2664171
Conc: 20.22 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.013 min
Response: 2638398
Conc: 19.94 ug/ml

Instrument :

FID_D

ClientSampleId :

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