

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071725AR\
 Data File : FD049576.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 14:55
 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 18 00:17:18 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...	7.733	2905780	22.210 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
6) S 2-Fluorobiphenyl (SURR)	8.598	2076402	22.408 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.82%
11) S ortho-Terphenyl (SURR)	11.643	3479678	21.222 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	2783491	21.546 ug/ml
2) T Naphthalene (C11.7)	6.069	3129087	21.380 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	3161479	20.818 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3432223	21.623 ug/ml
7) T Acenaphthene (C15.5)	8.697	3360327	21.224 ug/ml
8) T Flouorene (C16.55)	9.479	3494369	21.875 ug/ml
9) T Phenanthrene (C19.36)	10.877	3489150	21.301 ug/ml
10) T Anthracene (C19.43)	10.951	3182151	19.977 ug/ml
12) T Fluoranthene (C21.85)	12.690	3420350	21.043 ug/ml
13) T Pyrene (C20.8)	12.988	3408535	21.003 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3082427	21.048 ug/ml
15) T Chrysene (C27.41)	14.903	3082199	20.710 ug/ml
16) T benzo[b]fluoranthene ...	16.410	2924748	20.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2908526	21.757 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2741161	19.910 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2552858	20.383 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2732898	20.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2693030	20.349 ug/ml

(f)=RT Delta > 1/2 Window

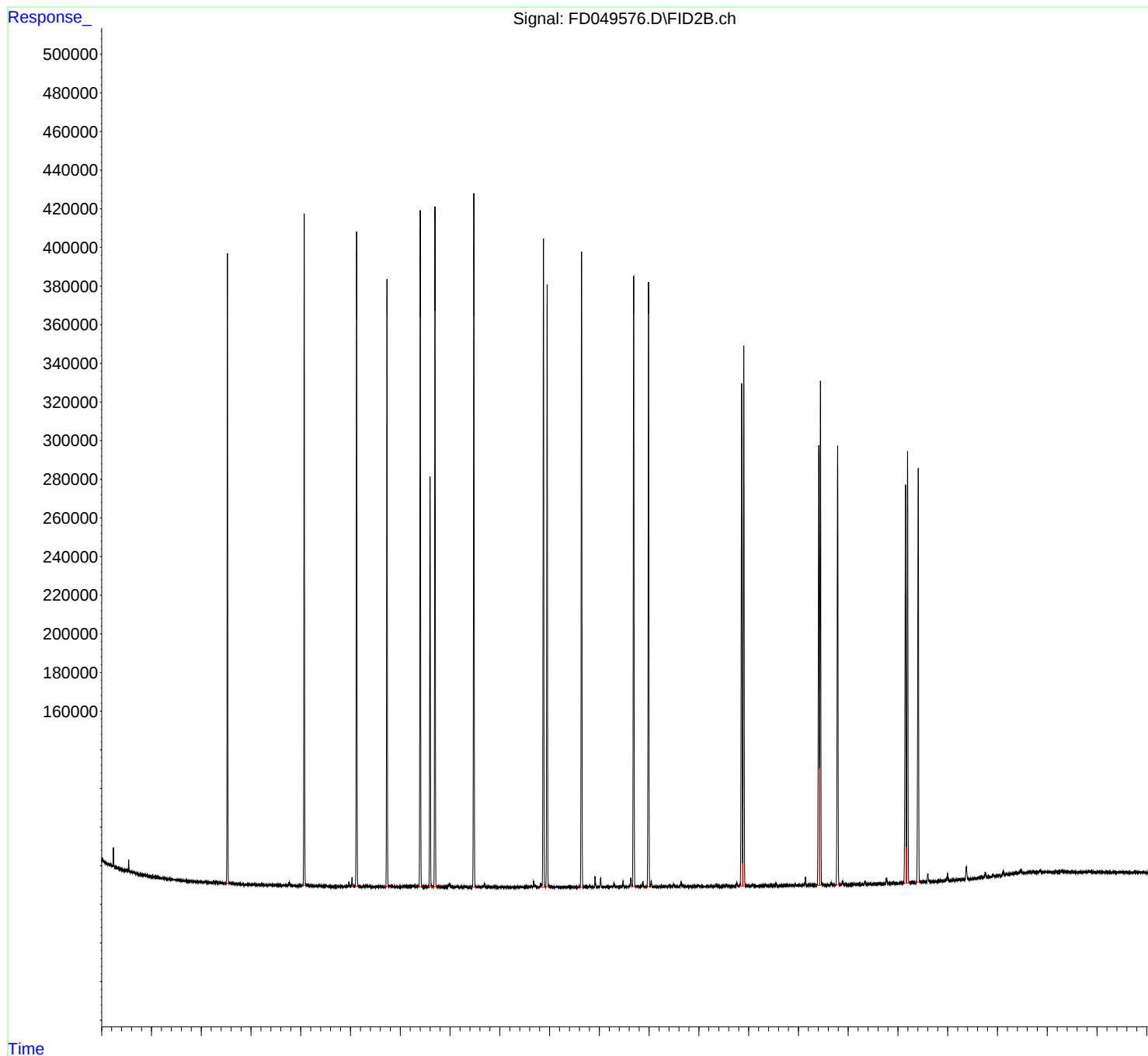
(m)=manual int.

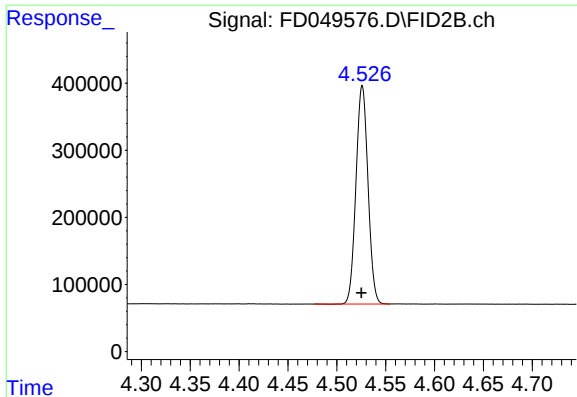
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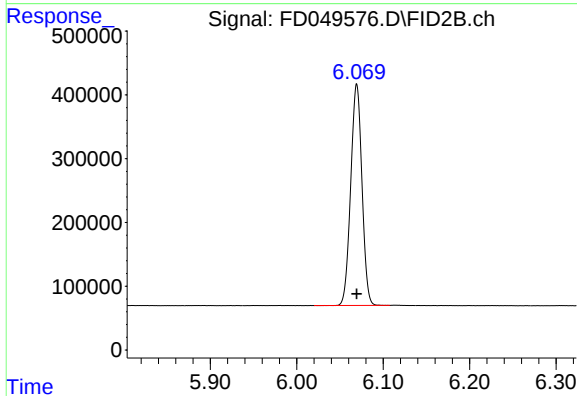




#1 1,2,3-Trimethylbenzene (C10.1)

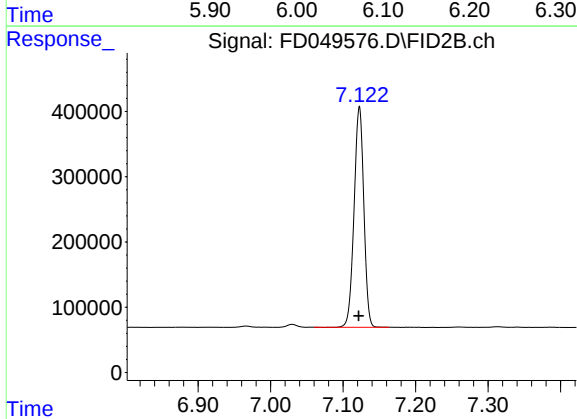
R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 2783491
Conc: 21.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



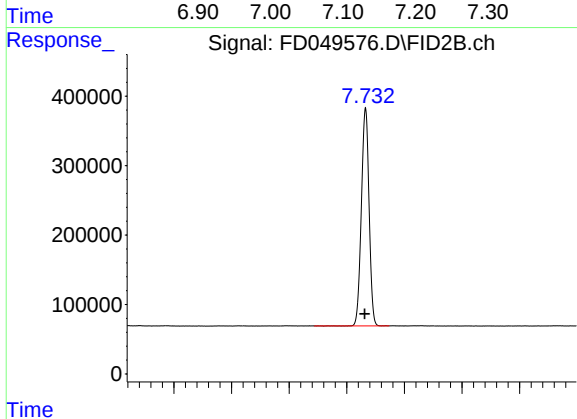
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3129087
Conc: 21.38 ug/ml



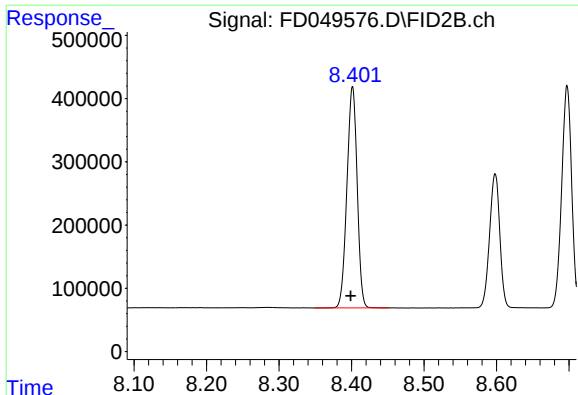
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.001 min
Response: 3161479
Conc: 20.82 ug/ml



#4 2-Bromonaphthalene (SURR)

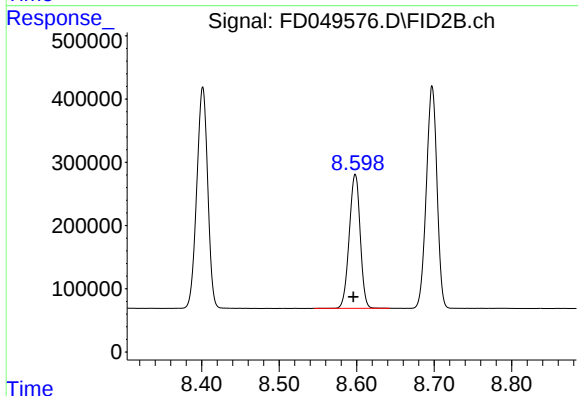
R.T.: 7.733 min
Delta R.T.: 0.001 min
Response: 2905780
Conc: 22.21 ug/ml



#5 Acenaphthylene (C15.06)

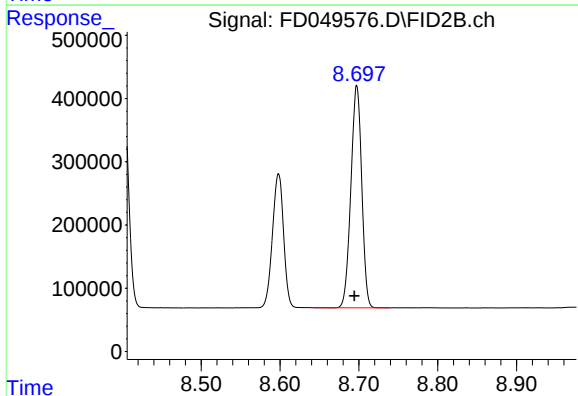
R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 3432223
Conc: 21.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



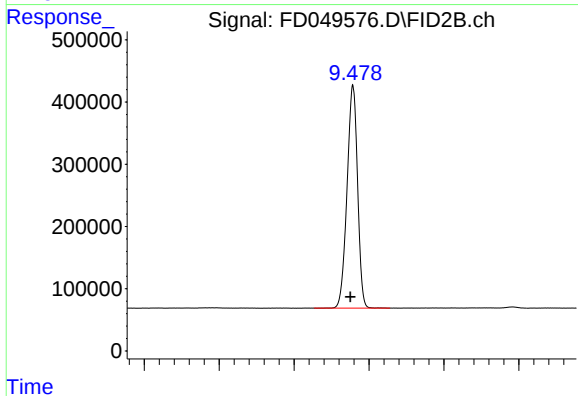
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.003 min
Response: 2076402
Conc: 22.41 ug/ml



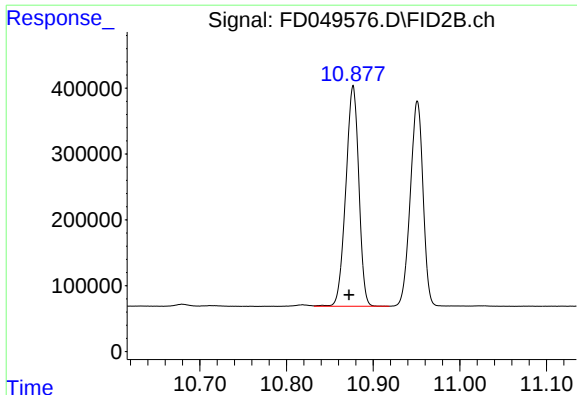
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 3360327
Conc: 21.22 ug/ml



#8 Flouorene (C16.55)

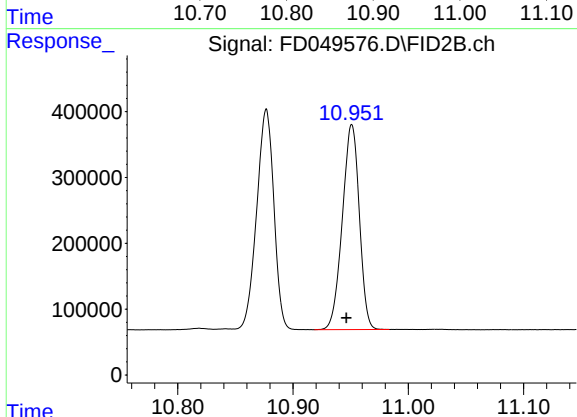
R.T.: 9.479 min
Delta R.T.: 0.003 min
Response: 3494369
Conc: 21.87 ug/ml



#9 Phenanthrene (C19.36)

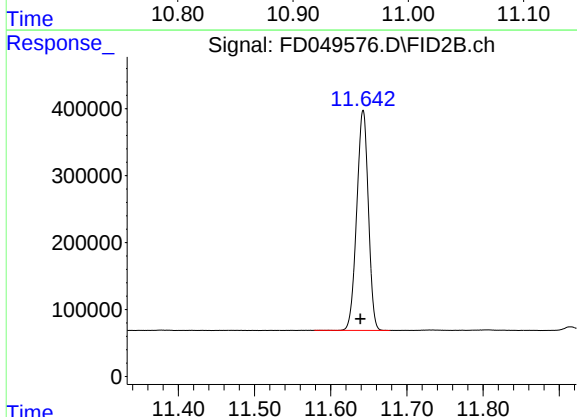
R.T.: 10.877 min
Delta R.T.: 0.005 min
Response: 3489150
Conc: 21.30 ug/ml

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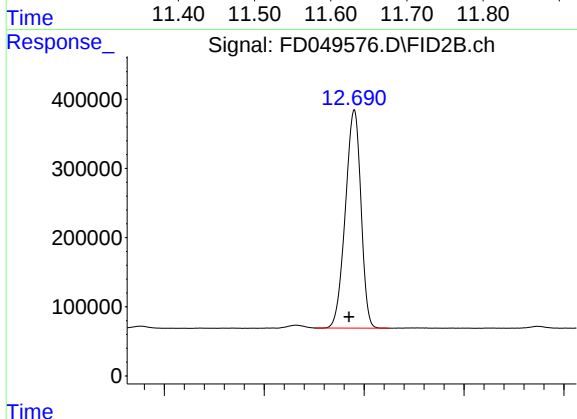
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.005 min
Response: 3182151
Conc: 19.98 ug/ml



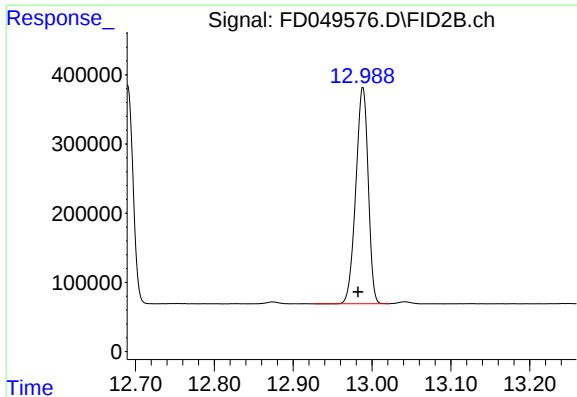
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.004 min
Response: 3479678
Conc: 21.22 ug/ml



#12 Fluoranthene (C21.85)

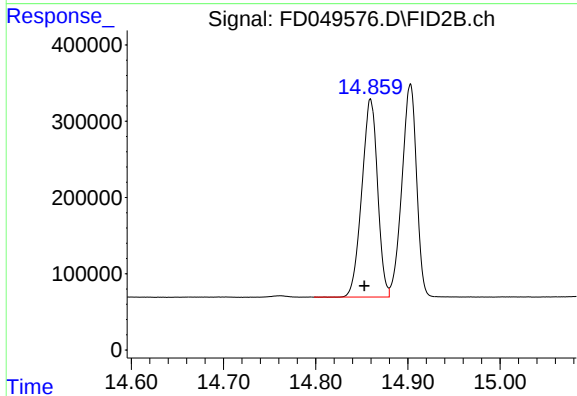
R.T.: 12.690 min
Delta R.T.: 0.005 min
Response: 3420350
Conc: 21.04 ug/ml



#13 Pyrene (C20.8)

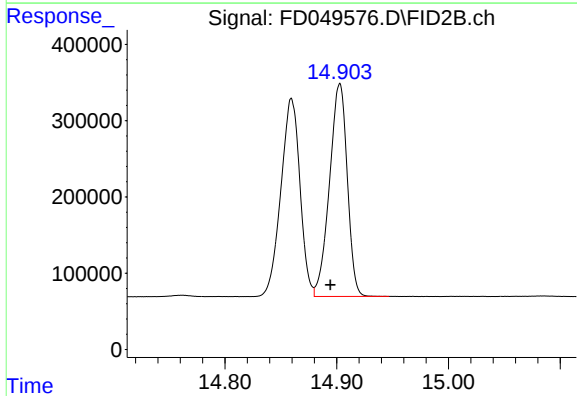
R.T.: 12.988 min
Delta R.T.: 0.006 min
Response: 3408535
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



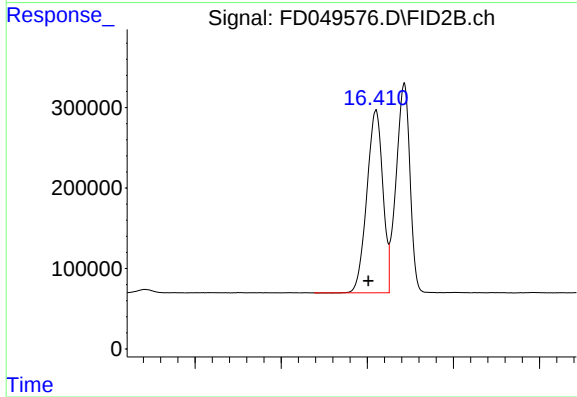
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: 0.007 min
Response: 3082427
Conc: 21.05 ug/ml



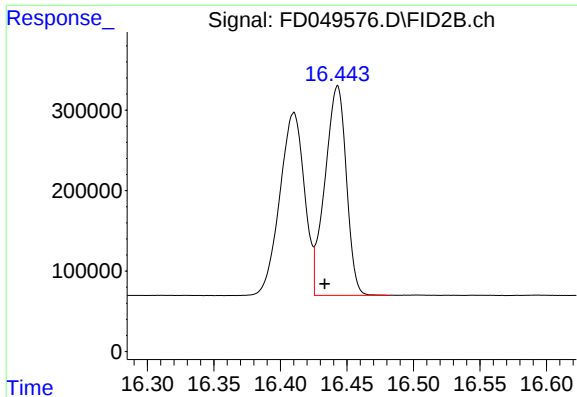
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.009 min
Response: 3082199
Conc: 20.71 ug/ml



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

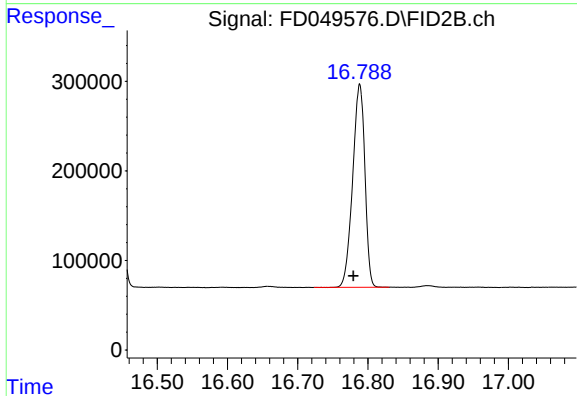
R.T.: 16.410 min
Delta R.T.: 0.009 min
Response: 2924748
Conc: 20.64 ug/ml



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

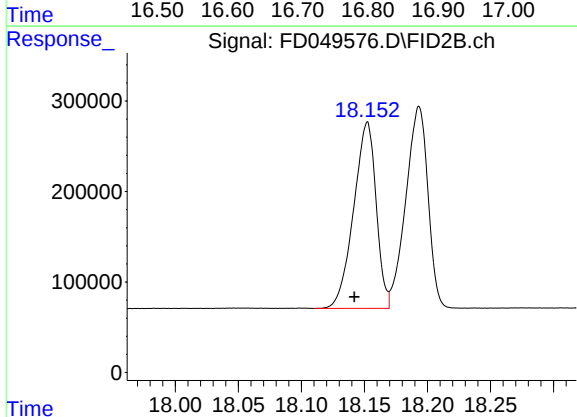
R.T.: 16.443 min
Delta R.T.: 0.010 min
Response: 2908526
Conc: 21.76 ug/ml

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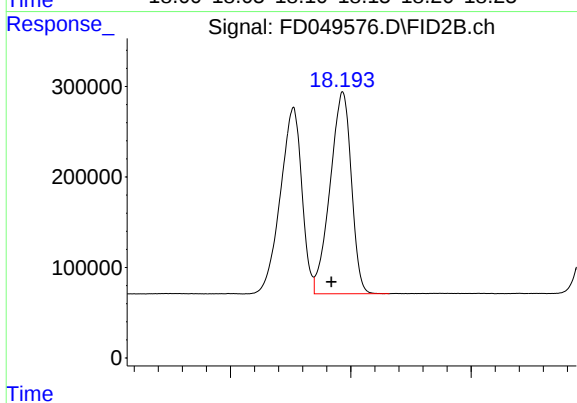
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: 0.009 min
Response: 2741161
Conc: 19.91 ug/ml



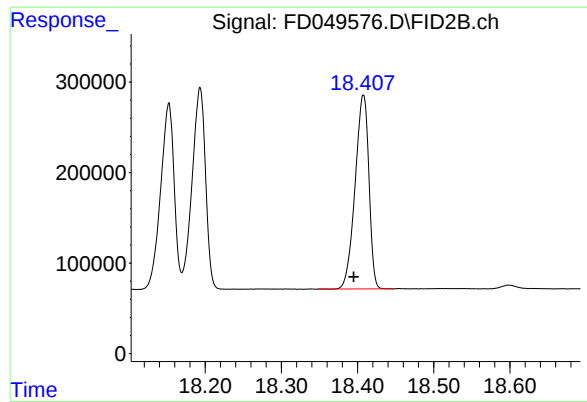
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.010 min
Response: 2552858
Conc: 20.38 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.010 min
Response: 2732898
Conc: 20.74 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.013 min
Response: 2693030
Conc: 20.35 ug/ml

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