

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082725AR\
 Data File : FD049684.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 08:47
 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: Aug 28 01:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2319987	22.637 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
6) S 2-Fluorobiphenyl (SURR)	8.578	1666719	22.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.63%
11) S ortho-Terphenyl (SURR)	11.624	2927147	22.552 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2214744	21.881 ug/ml
2) T Naphthalene (C11.7)	6.049	2585114	22.546 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2713837	22.749 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2809507	22.349 ug/ml
7) T Acenaphthene (C15.5)	8.678	2847707	22.648 ug/ml
8) T Flouorene (C16.55)	9.459	2873130	22.693 ug/ml
9) T Phenanthrene (C19.36)	10.858	2898703	22.440 ug/ml
10) T Anthracene (C19.43)	10.931	2322415	18.852 ug/ml
12) T Fluoranthene (C21.85)	12.671	2816375	22.000 ug/ml
13) T Pyrene (C20.8)	12.969	2770514	21.821 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2414126	20.920 ug/ml
15) T Chrysene (C27.41)	14.883	2520306	21.526 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2432278	21.386 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2267796	21.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2251004	20.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2160420	20.959 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2608663	23.933 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2298050	21.030 ug/ml

(f)=RT Delta > 1/2 Window

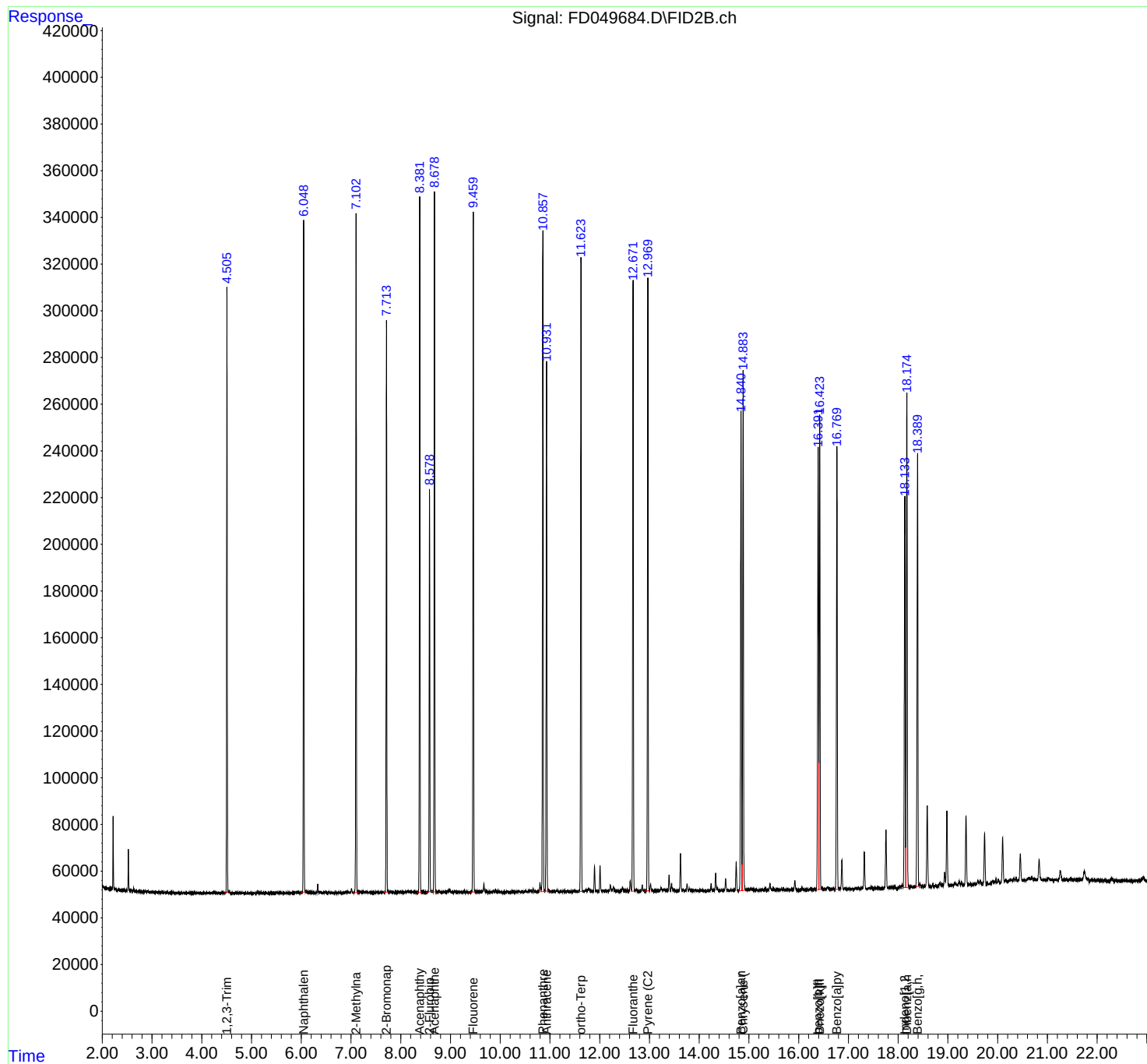
(m)=manual int.

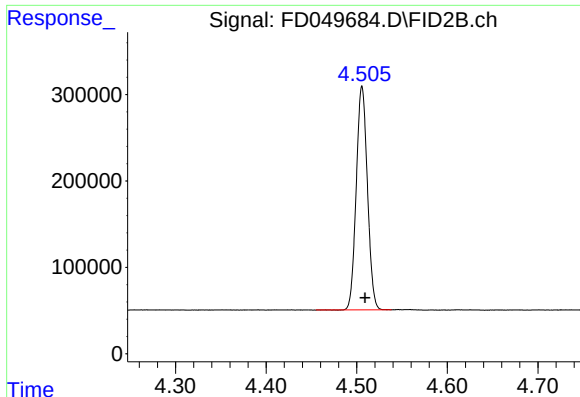
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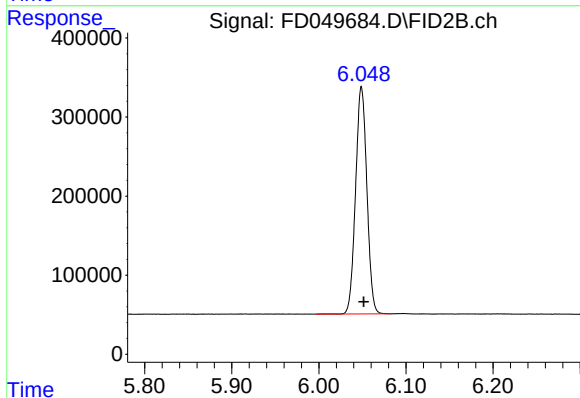




#1 1,2,3-Trimethylbenzene (C10.1)

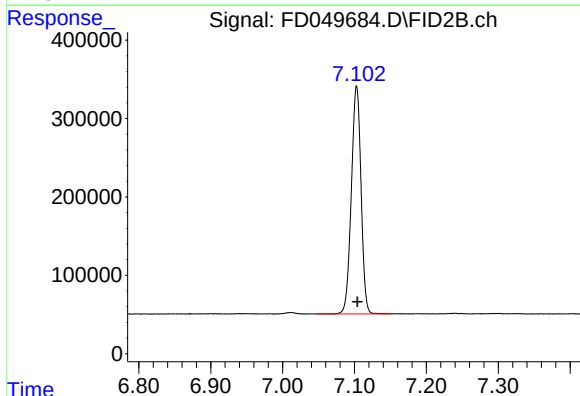
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 2214744
Conc: 21.88 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



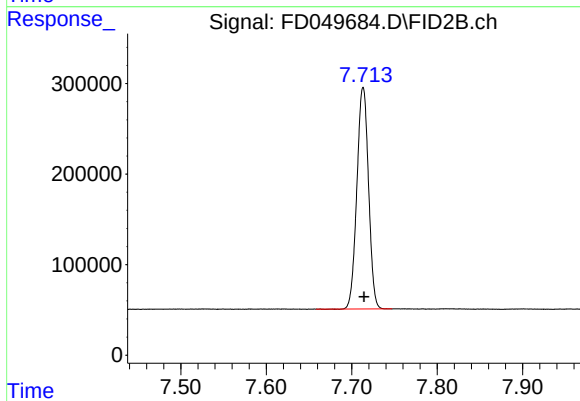
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2585114
Conc: 22.55 ug/ml



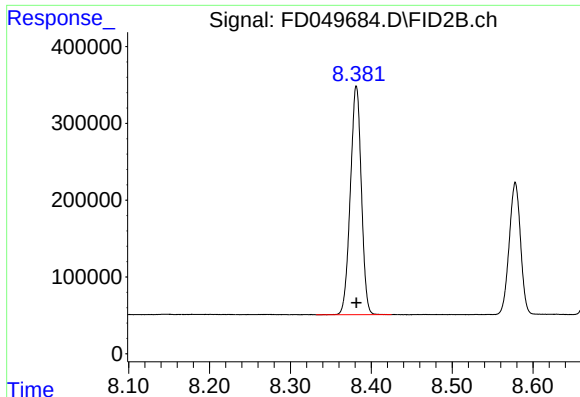
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2713837
Conc: 22.75 ug/ml



#4 2-Bromonaphthalene (SURR)

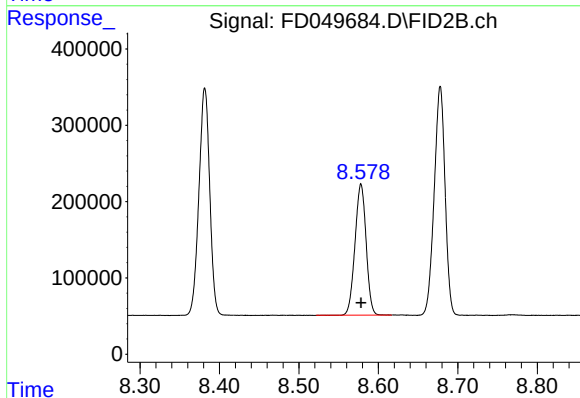
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2319987
Conc: 22.64 ug/ml



#5 Acenaphthylene (C15.06)

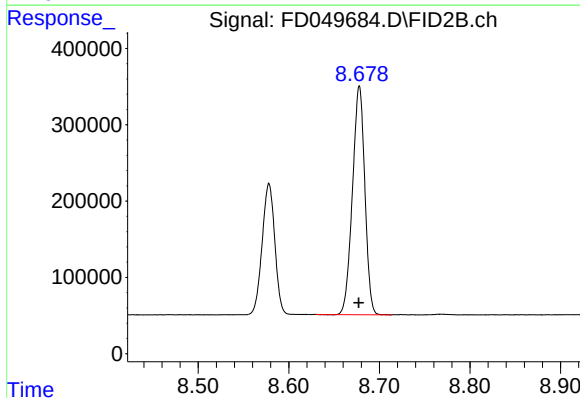
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2809507
Conc: 22.35 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



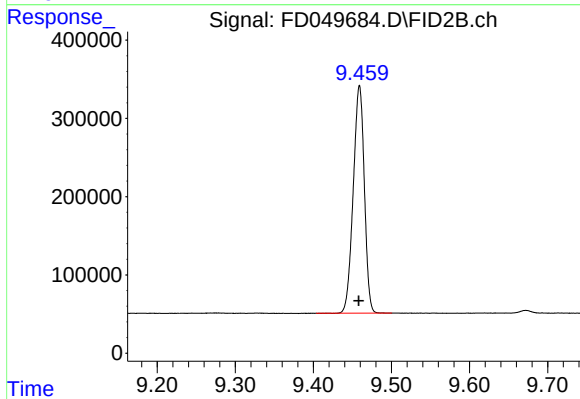
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1666719
Conc: 22.82 ug/ml



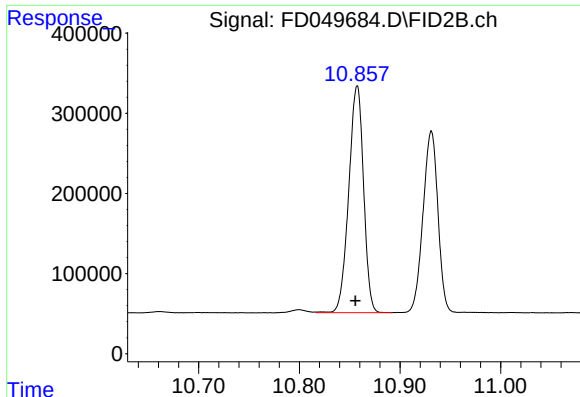
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2847707
Conc: 22.65 ug/ml



#8 Fluorene (C16.55)

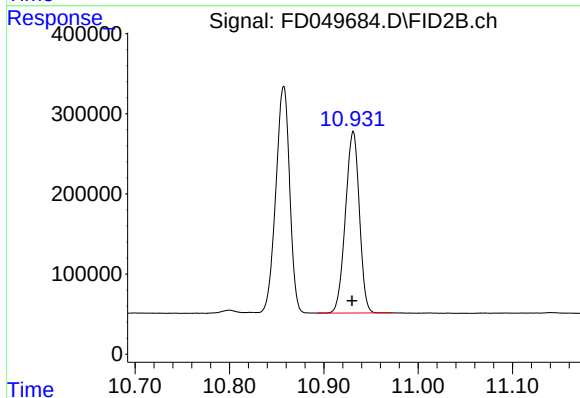
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 2873130
Conc: 22.69 ug/ml



#9 Phenanthrene (C19.36)

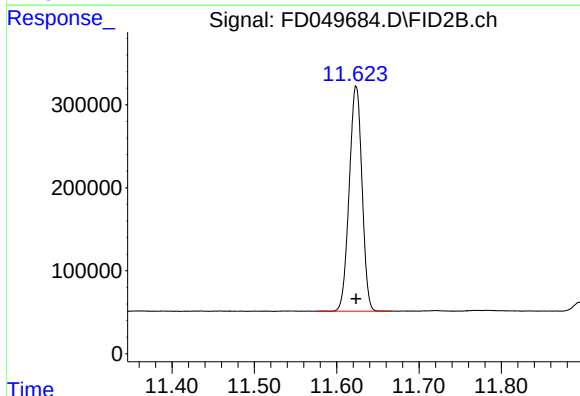
R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 2898703
Conc: 22.44 ug/ml

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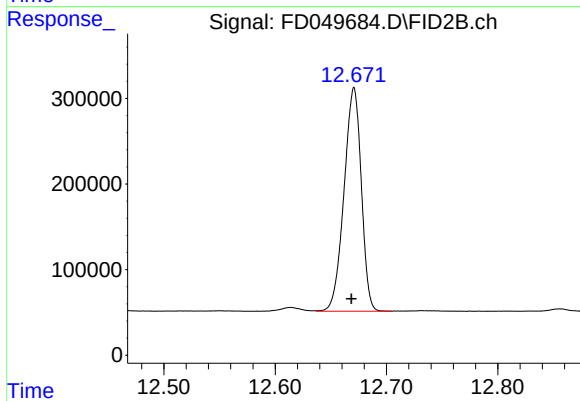
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2322415
Conc: 18.85 ug/ml



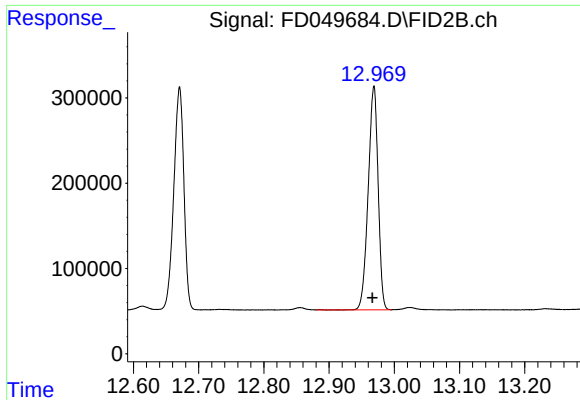
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2927147
Conc: 22.55 ug/ml



#12 Fluoranthene (C21.85)

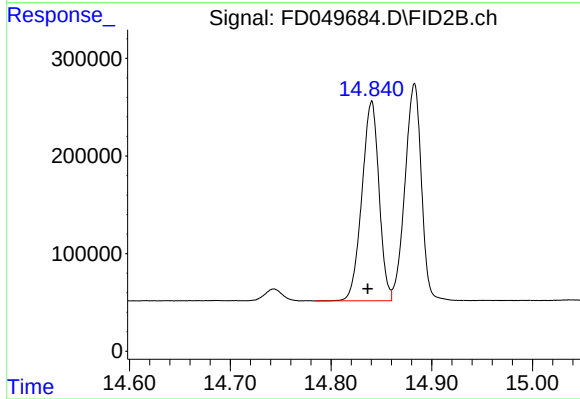
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2816375
Conc: 22.00 ug/ml



#13 Pyrene (C20.8)

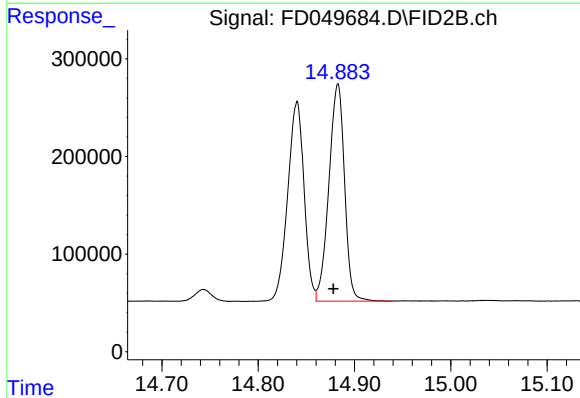
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2770514
Conc: 21.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



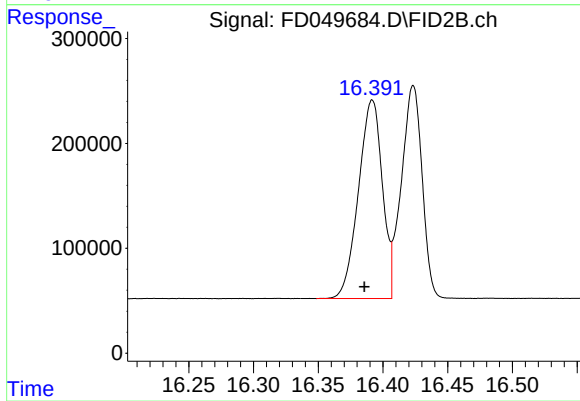
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2414126
Conc: 20.92 ug/ml



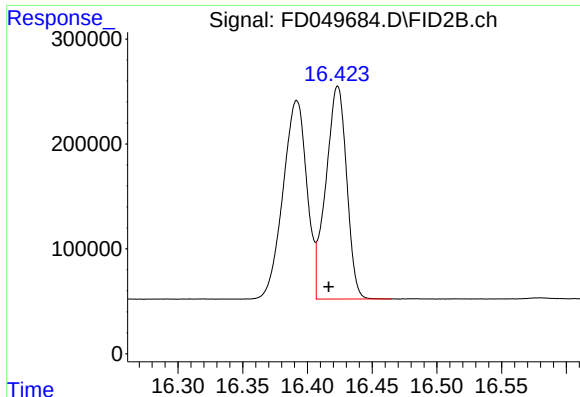
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2520306
Conc: 21.53 ug/ml



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

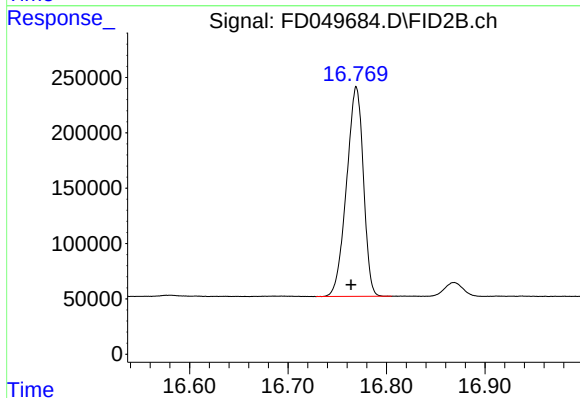
R.T.: 16.392 min
Delta R.T.: 0.006 min
Response: 2432278
Conc: 21.39 ug/ml



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

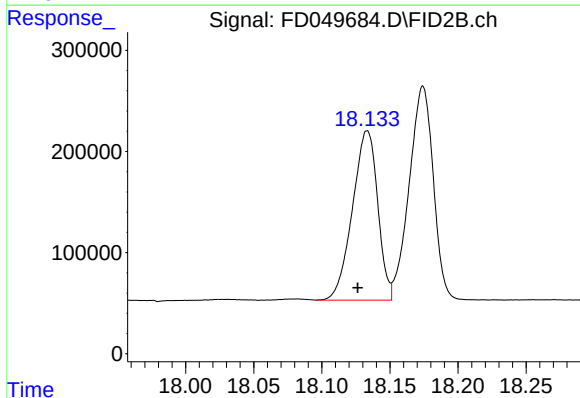
R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2267796
Conc: 21.18 ug/ml

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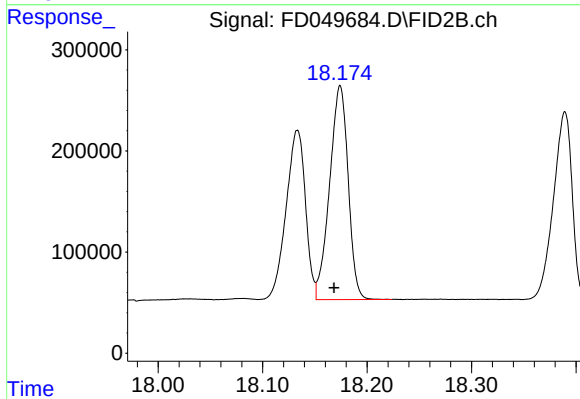
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.005 min
Response: 2251004
Conc: 20.29 ug/ml



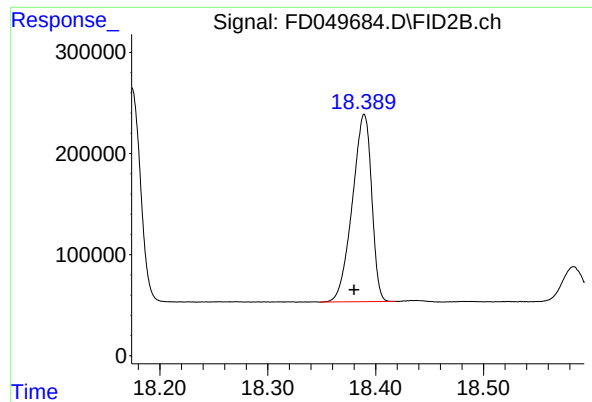
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2160420
Conc: 20.96 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 2608663
Conc: 23.93 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2298050
Conc: 21.03 ug/ml

Instrument :

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ClientSampleId :

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