

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081525AR\
 Data File : FD049632.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2025 15:10
 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 18 02:23:28 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	2183156	21.302 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
6) S 2-Fluorobiphenyl (SURR)	8.578	1561521	21.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.75%
11) S ortho-Terphenyl (SURR)	11.624	2742734	21.131 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2147875	21.220 ug/ml
2) T Naphthalene (C11.7)	6.049	2440337	21.283 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2542757	21.315 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2651013	21.088 ug/ml
7) T Acenaphthene (C15.5)	8.678	2654862	21.115 ug/ml
8) T Flouorene (C16.55)	9.459	2687069	21.223 ug/ml
9) T Phenanthrene (C19.36)	10.857	2757846	21.349 ug/ml
10) T Anthracene (C19.43)	10.931	2535252	20.579 ug/ml
12) T Fluoranthene (C21.85)	12.670	2733646	21.354 ug/ml
13) T Pyrene (C20.8)	12.969	2714369	21.379 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2427814	21.039 ug/ml
15) T Chrysene (C27.41)	14.882	2492324	21.287 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2371520	20.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2228107	20.814 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2278623	20.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2081183	20.190 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2305437	21.151 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2231156	20.418 ug/ml

(f)=RT Delta > 1/2 Window

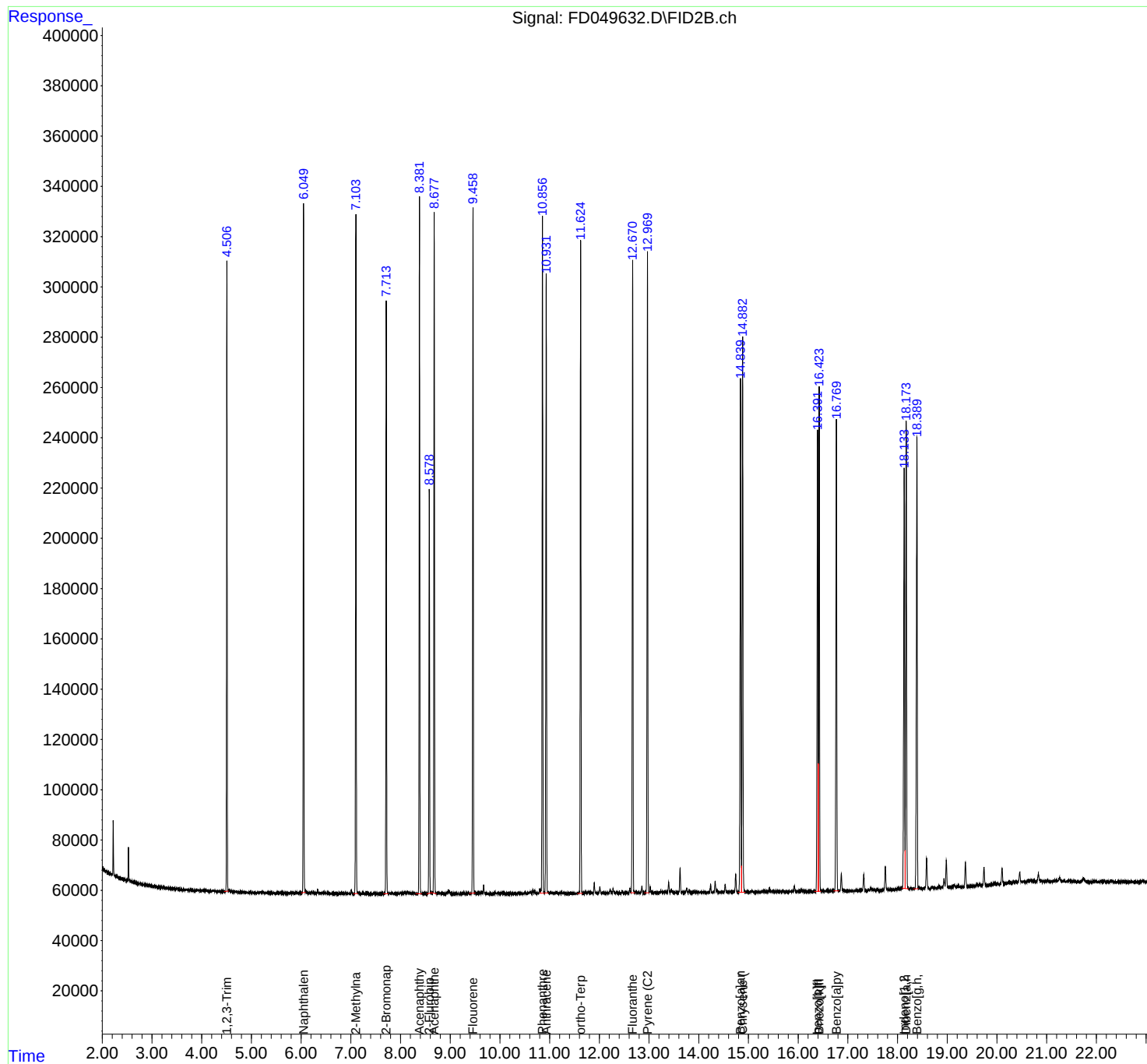
(m)=manual int.

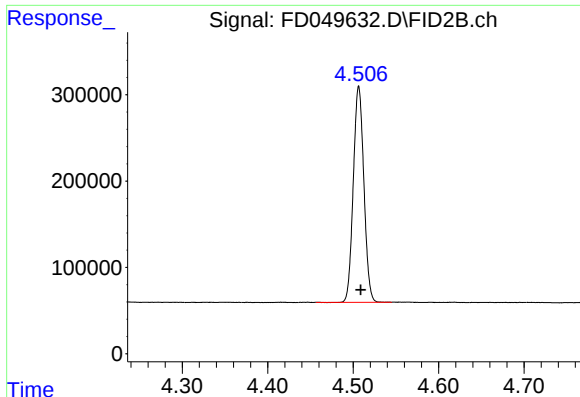
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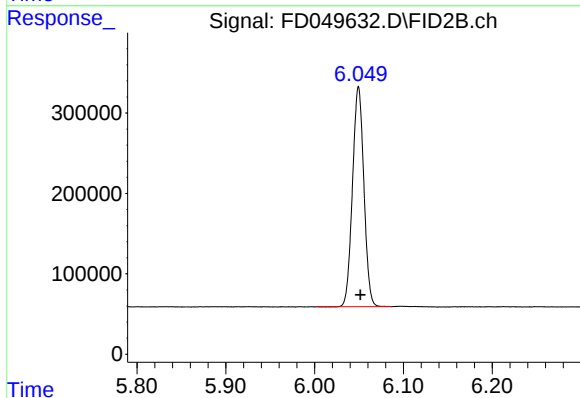




#1 1,2,3-Trimethylbenzene (C10.1)

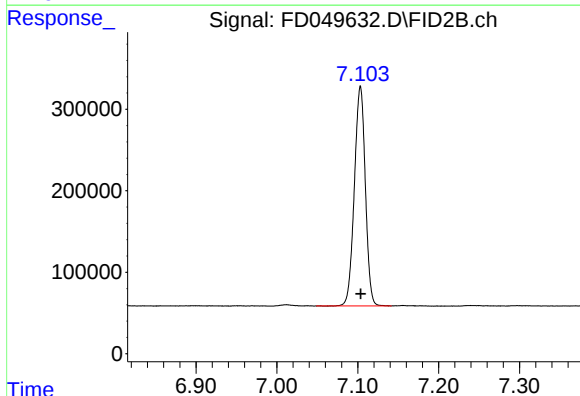
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2147875
Conc: 21.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



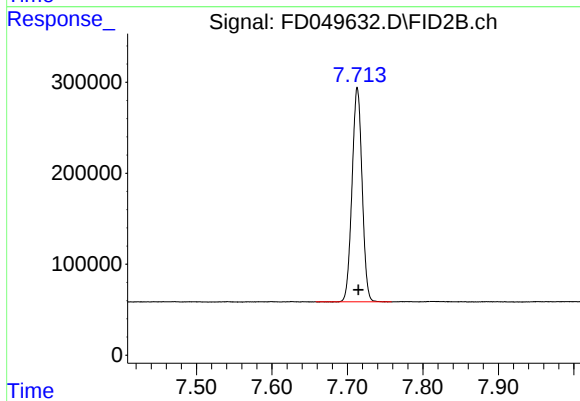
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 2440337
Conc: 21.28 ug/ml



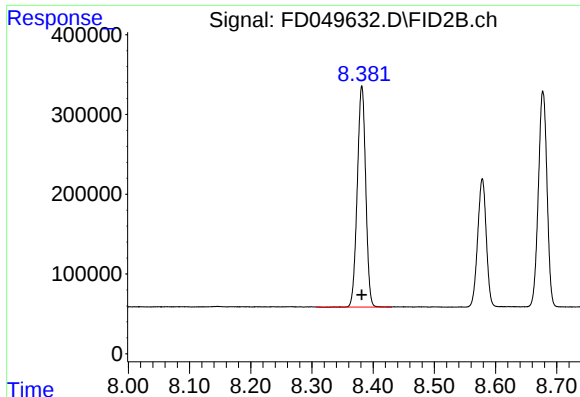
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2542757
Conc: 21.32 ug/ml



#4 2-Bromonaphthalene (SURR)

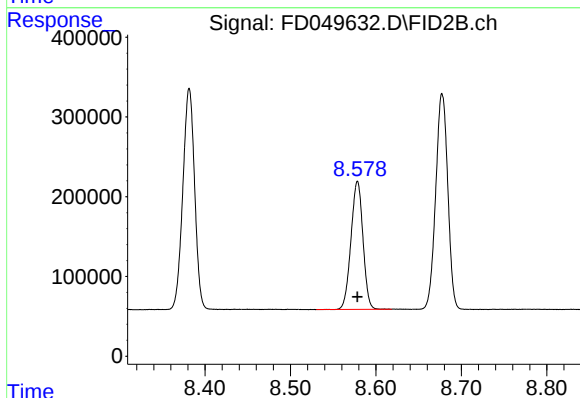
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2183156
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

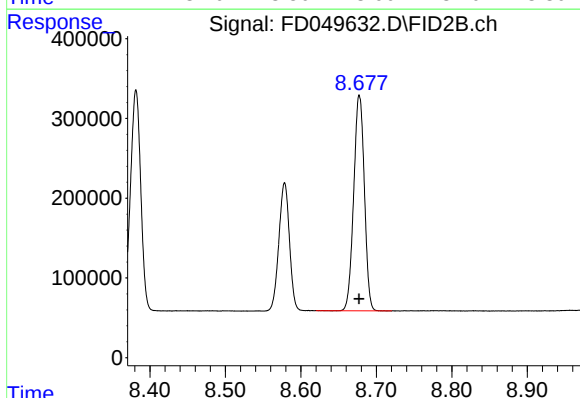
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2651013
Conc: 21.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



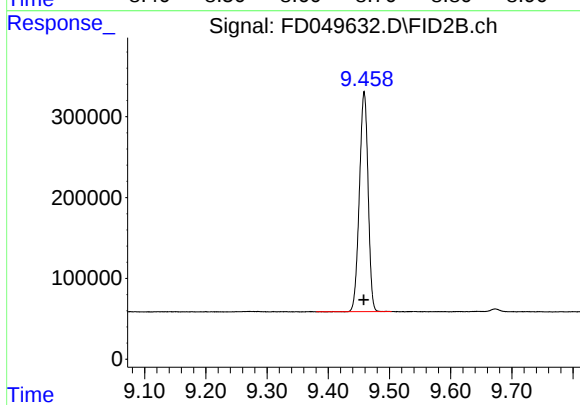
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1561521
Conc: 21.38 ug/ml



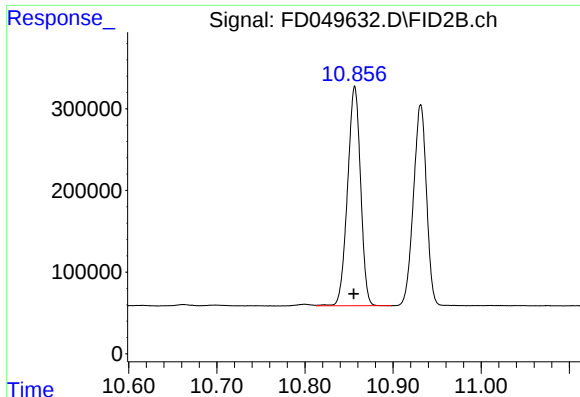
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2654862
Conc: 21.11 ug/ml



#8 Fluorene (C16.55)

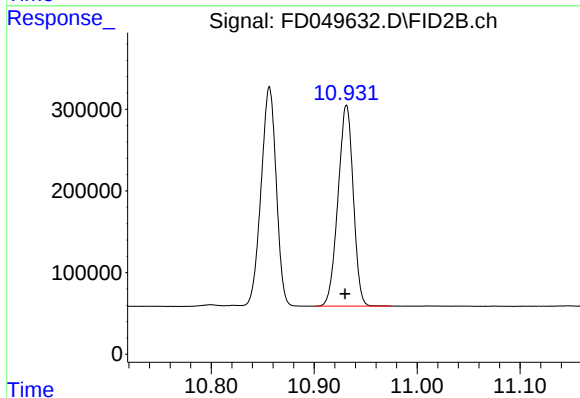
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2687069
Conc: 21.22 ug/ml



#9 Phenanthrene (C19.36)

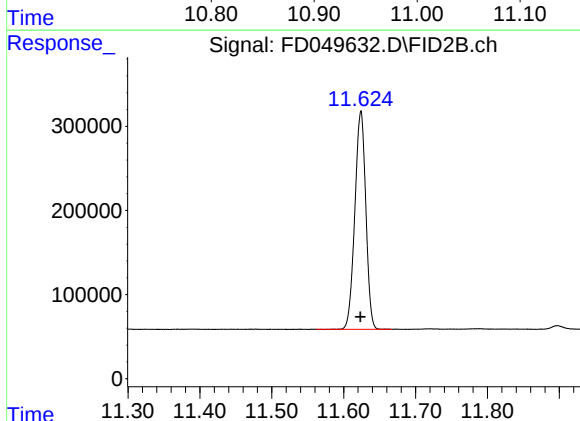
R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 2757846
Conc: 21.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



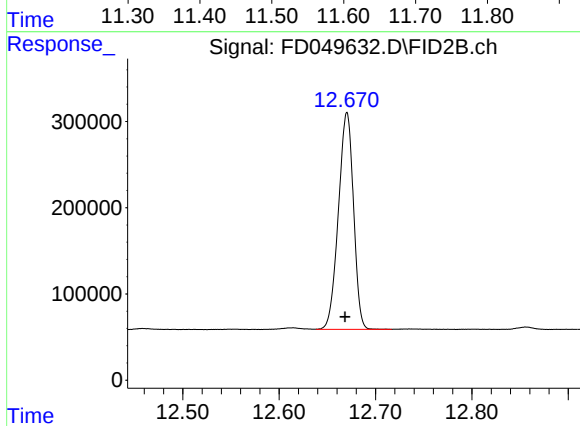
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.002 min
Response: 2535252
Conc: 20.58 ug/ml



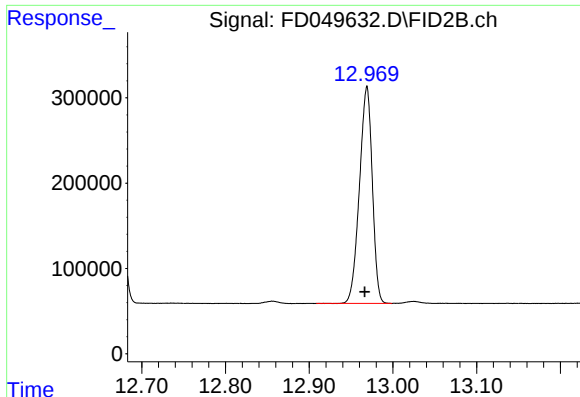
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2742734
Conc: 21.13 ug/ml



#12 Fluoranthene (C21.85)

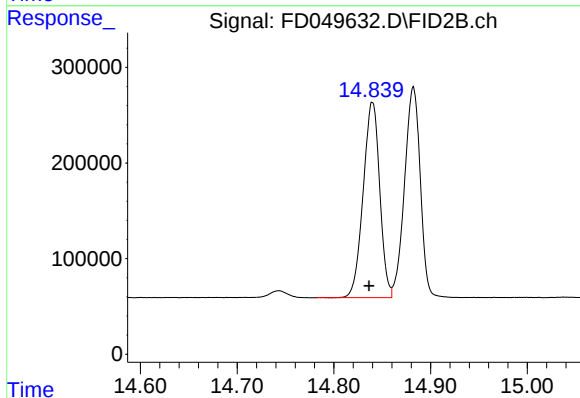
R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 2733646
Conc: 21.35 ug/ml



#13 Pyrene (C20.8)

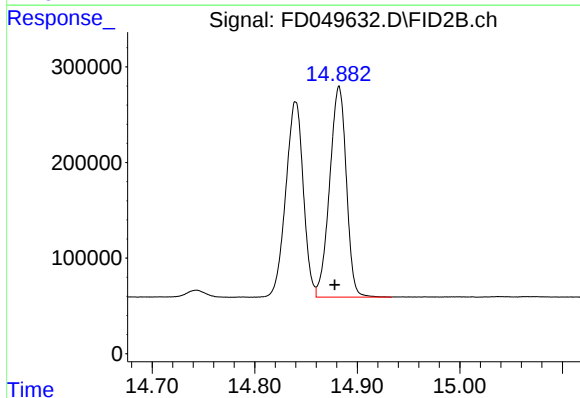
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2714369
Conc: 21.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



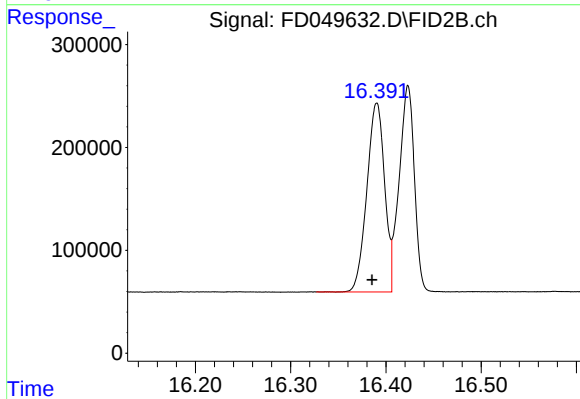
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2427814
Conc: 21.04 ug/ml



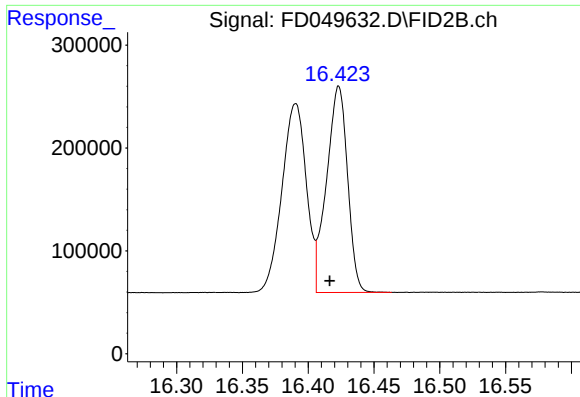
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2492324
Conc: 21.29 ug/ml



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

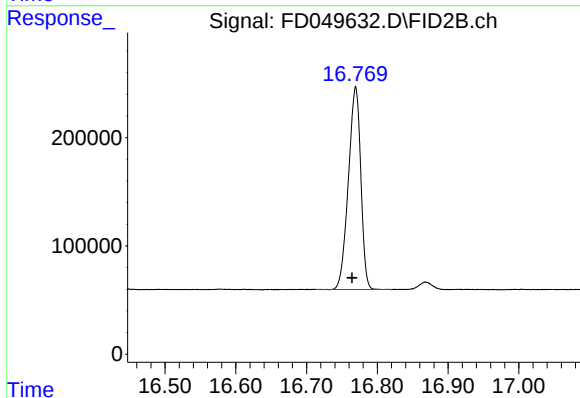
R.T.: 16.390 min
Delta R.T.: 0.005 min
Response: 2371520
Conc: 20.85 ug/ml



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

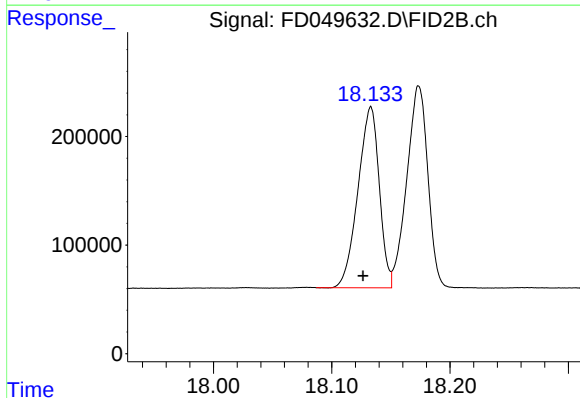
R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2228107
Conc: 20.81 ug/ml

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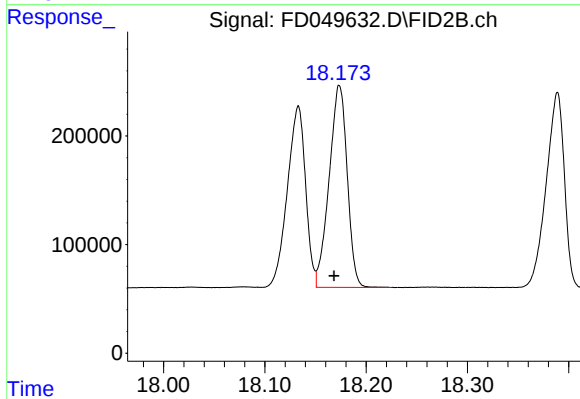
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.005 min
Response: 2278623
Conc: 20.54 ug/ml



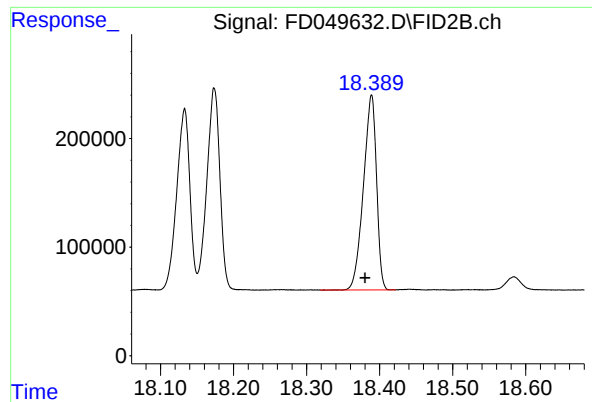
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2081183
Conc: 20.19 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.005 min
Response: 2305437
Conc: 21.15 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2231156
Conc: 20.42 ug/ml

Instrument :
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ClientSampleId :
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