

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016617.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 19:06
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 03:35:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.015	1989340	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
6) S 2-Fluorobiphenyl (SURR)	8.891	1263649	17.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.44%
11) S ortho-Terphenyl (SURR)	11.956	2549143	17.359 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2304294	17.505 ug/ml
2) T Naphthalene (C11.7)	6.285	2322510	17.556 ug/ml
3) T 2-Methylnaphthalene (...)	7.385	2342738	17.623 ug/ml
5) T Acenaphthylene (C15.06)	8.690	2371103	17.550 ug/ml
7) T Acenaphthene (C15.5)	8.989	2440948	17.757 ug/ml
8) T Flouorene (C16.55)	9.780	2289982	17.590 ug/ml
9) T Phenanthrene (C19.36)	11.187	2314662	17.505 ug/ml
10) T Anthracene (C19.43)	11.262	2415928	17.829 ug/ml
12) T Fluoranthene (C21.85)	13.010	2381378	17.352 ug/ml
13) T Pyrene (C20.8)	13.309	2403313	17.537 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2012681	17.672 ug/ml
15) T Chrysene (C27.41)	15.236	2491463	17.655 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1954751	17.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2141375	17.531 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.139	1866797	17.010 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1463400	17.006 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2179893	16.553 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1840657	17.369 ug/ml

(f)=RT Delta > 1/2 Window

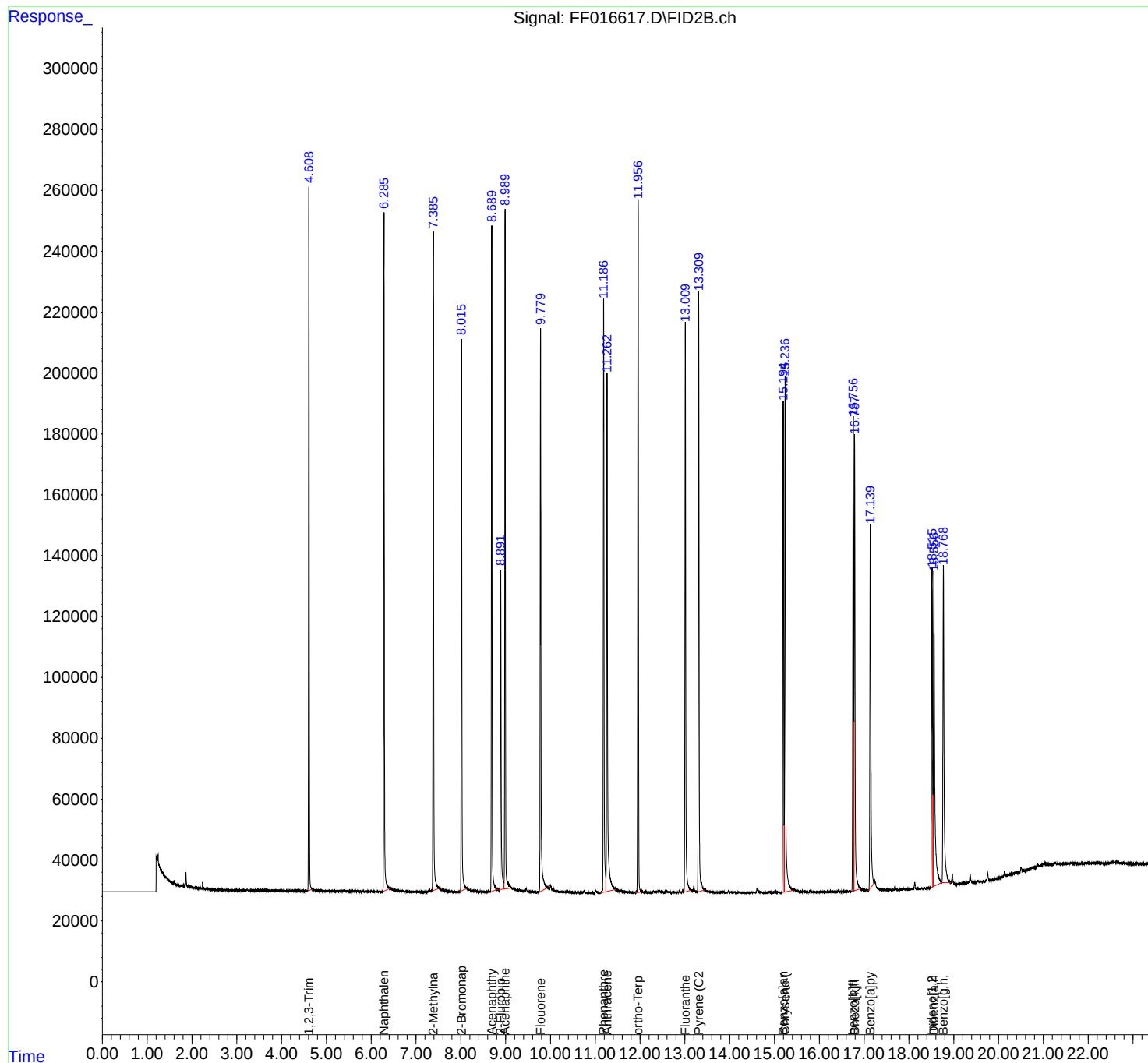
(m)=manual int.

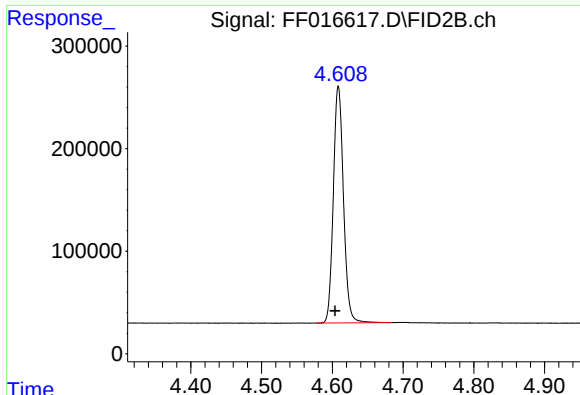
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#1 1,2,3-Trimethylbenzene (C10.1)

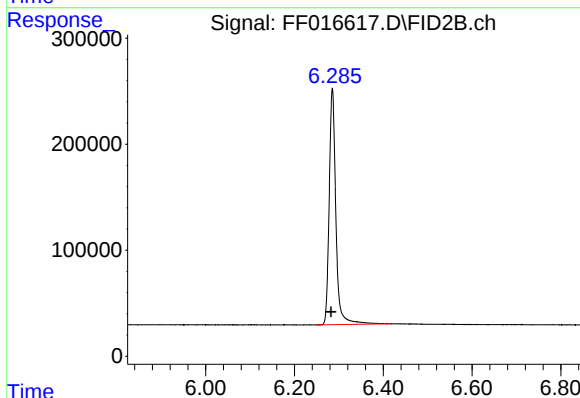
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 2304294
Conc: 17.51 ug/ml

Instrument :

FID_F

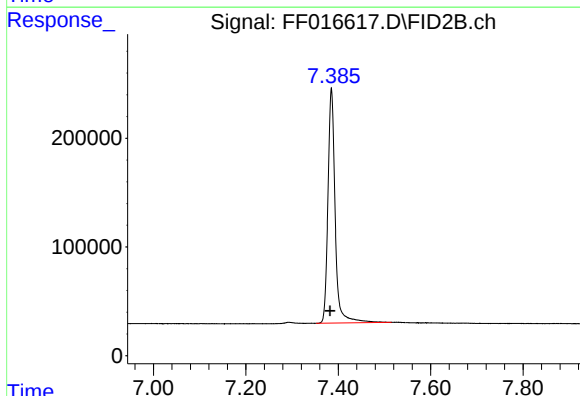
ClientSampleId :

20 PPM AROMATIC HC STD ICV



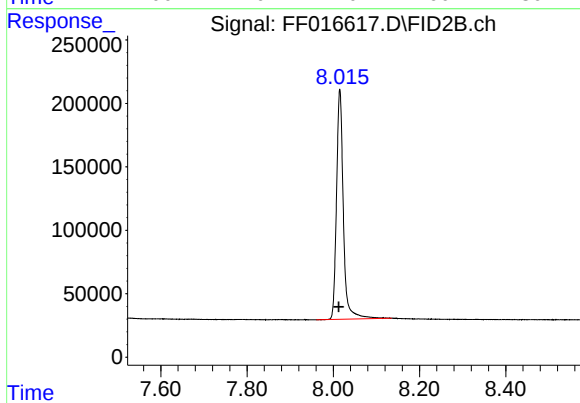
#2 Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 2322510
Conc: 17.56 ug/ml



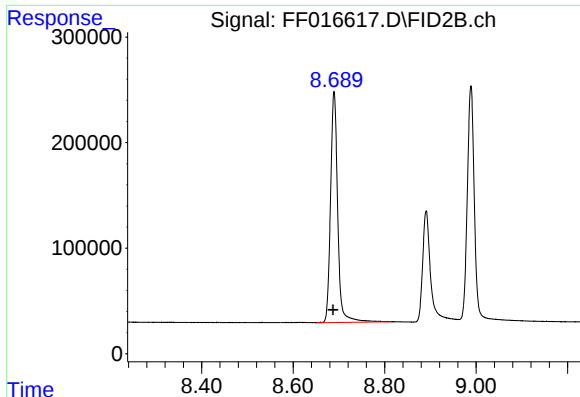
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.003 min
Response: 2342738
Conc: 17.62 ug/ml



#4 2-Bromonaphthalene (SURR)

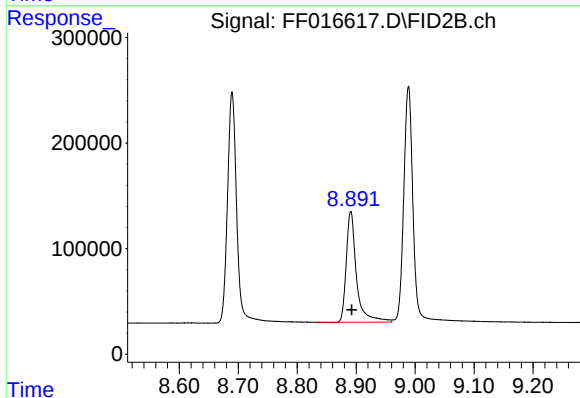
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 1989340
Conc: 17.55 ug/ml



#5 Acenaphthylene (C15.06)

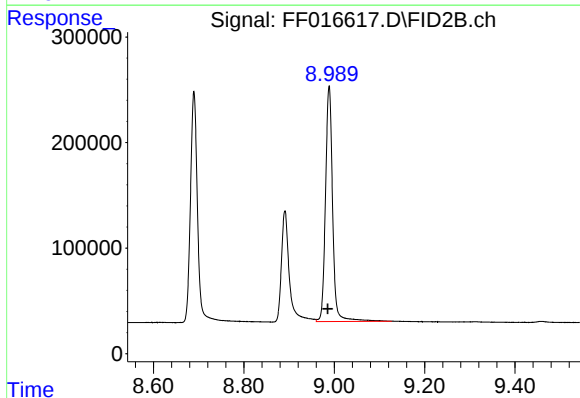
R.T.: 8.690 min
Delta R.T.: 0.002 min
Response: 2371103
Conc: 17.55 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



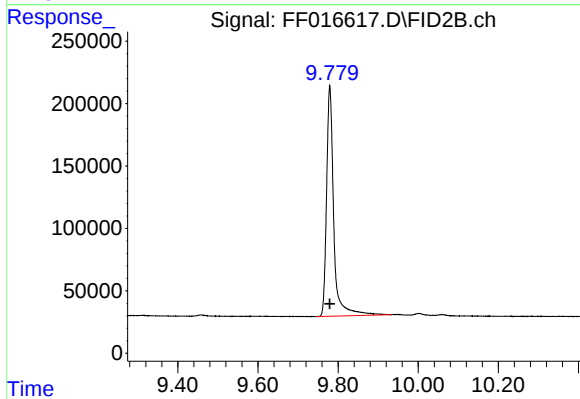
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.891 min
Delta R.T.: -0.001 min
Response: 1263649
Conc: 17.72 ug/ml



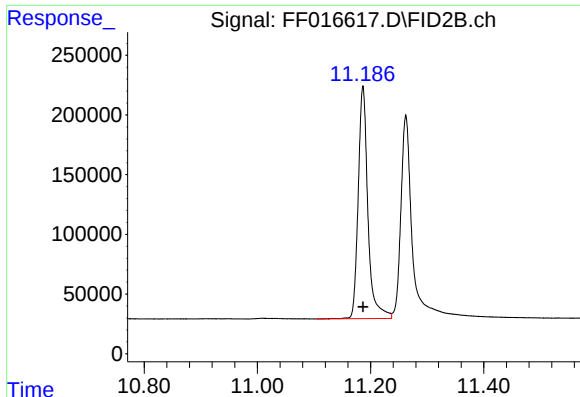
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 2440948
Conc: 17.76 ug/ml



#8 Fluorene (C16.55)

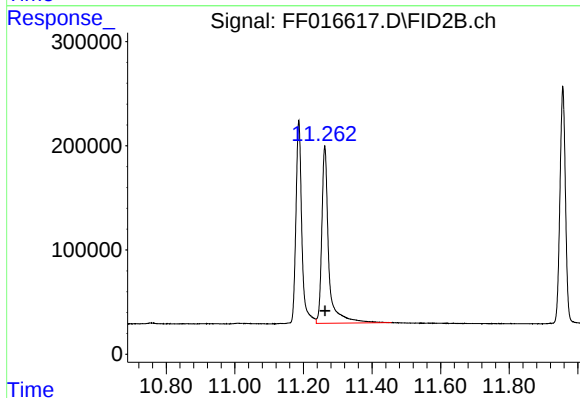
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2289982
Conc: 17.59 ug/ml



#9 Phenanthrene (C19.36)

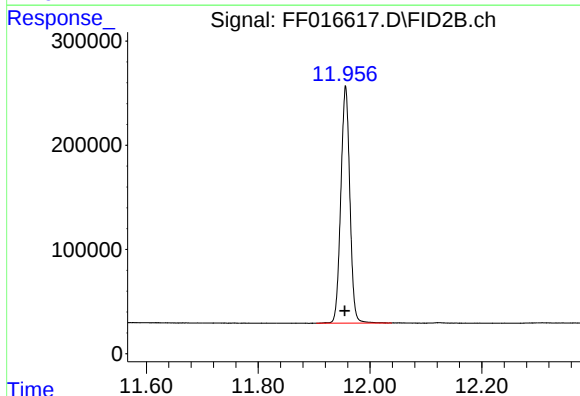
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2314662
Conc: 17.50 ug/ml

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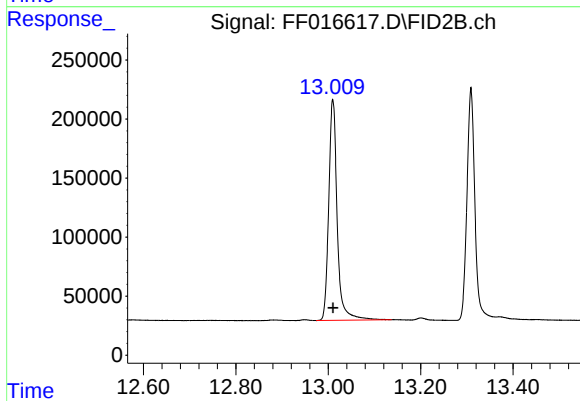
#10 Anthracene (C19.43)

R.T.: 11.262 min
Delta R.T.: -0.001 min
Response: 2415928
Conc: 17.83 ug/ml



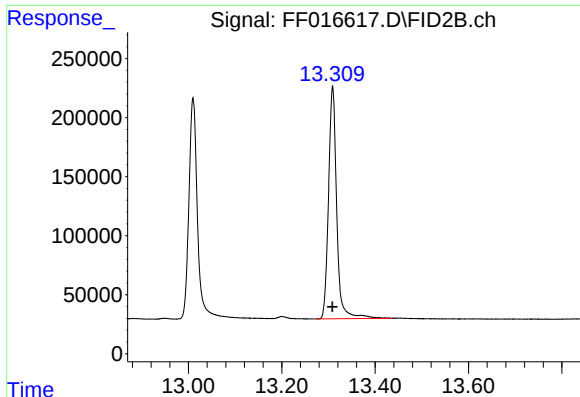
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.002 min
Response: 2549143
Conc: 17.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2381378
Conc: 17.35 ug/ml



#13 Pyrene (C20.8)

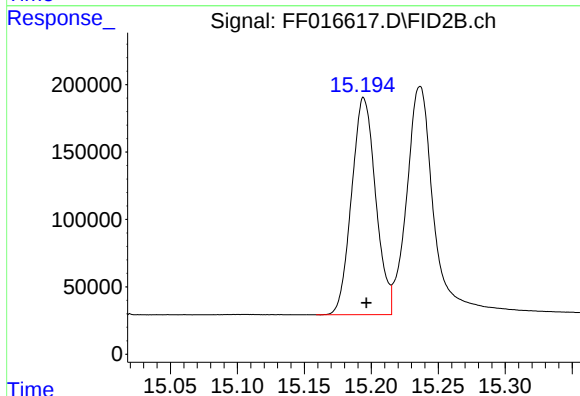
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2403313
Conc: 17.54 ug/ml

Instrument :

FID_F

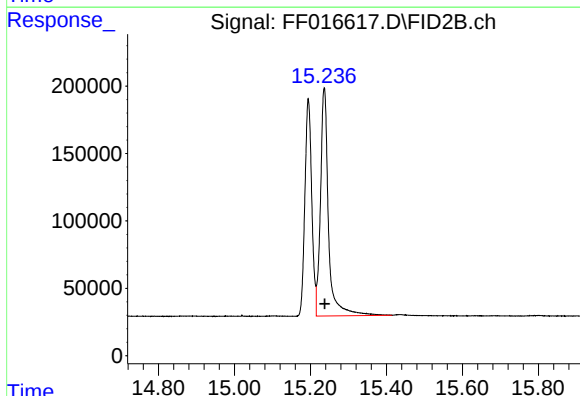
ClientSampleId :

20 PPM AROMATIC HC STD ICV



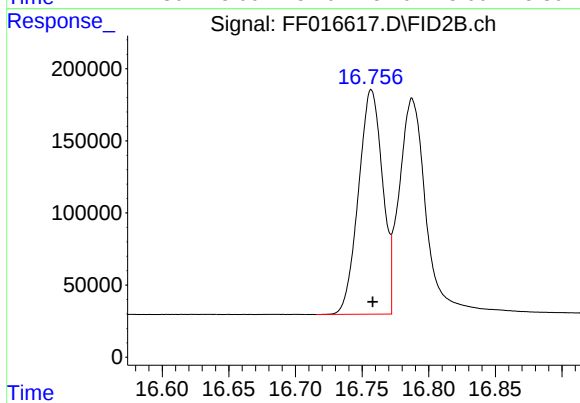
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: -0.002 min
Response: 2012681
Conc: 17.67 ug/ml



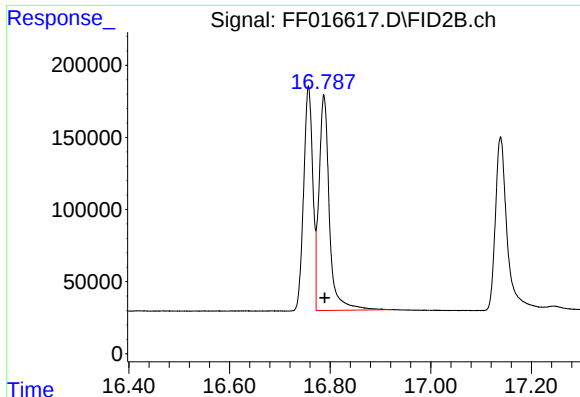
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: -0.001 min
Response: 2491463
Conc: 17.66 ug/ml



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

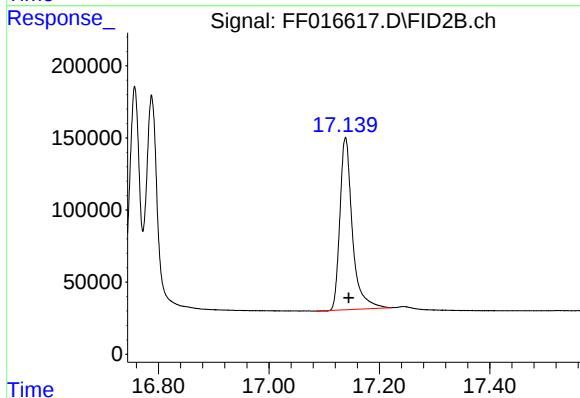
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1954751
Conc: 17.59 ug/ml



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

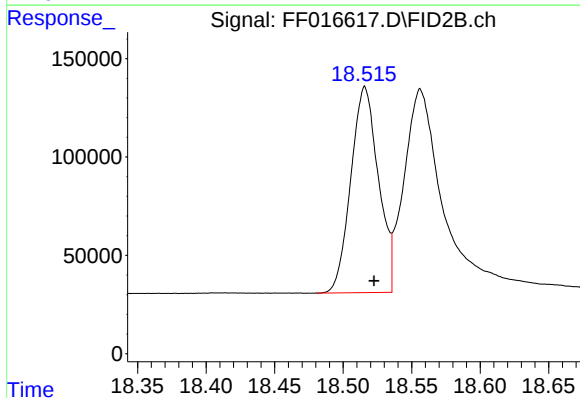
R.T.: 16.788 min
Delta R.T.: -0.002 min
Response: 2141375
Conc: 17.53 ug/ml

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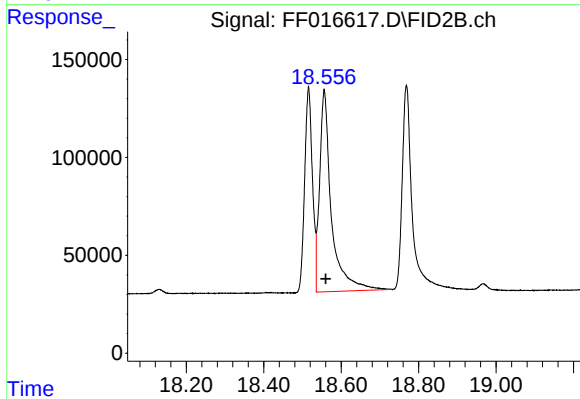
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 1866797
Conc: 17.01 ug/ml



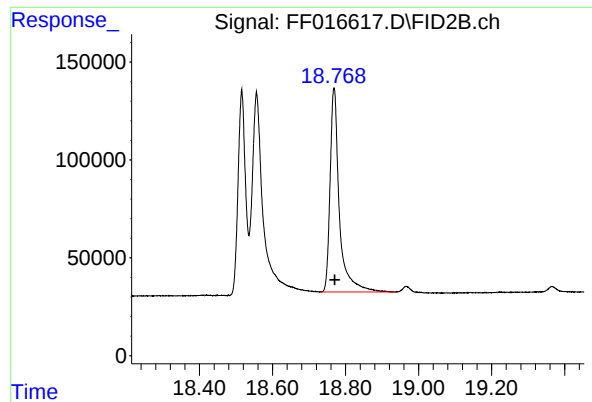
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 1463400
Conc: 17.01 ug/ml



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

R.T.: 18.556 min
Delta R.T.: -0.004 min
Response: 2179893
Conc: 16.55 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.002 min
Response: 1840657
Conc: 17.37 ug/ml

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