

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016731.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 22:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 18 00:39:23 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...	8.008	2282110	20.138 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
6) S 2-Fluorobiphenyl (SURR)	8.885	1467385	20.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.15%
11) S ortho-Terphenyl (SURR)	11.951	2837331	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	2710395	20.590 ug/ml
2) T Naphthalene (C11.7)	6.279	2703431	20.435 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	2714531	20.420 ug/ml
5) T Acenaphthylene (C15.06)	8.683	2697472	19.966 ug/ml
7) T Acenaphthene (C15.5)	8.982	2784996	20.260 ug/ml
8) T Flouorene (C16.55)	9.773	2640352	20.281 ug/ml
9) T Phenanthrene (C19.36)	11.181	2588931	19.579 ug/ml
10) T Anthracene (C19.43)	11.256	2557610	18.874 ug/ml
12) T Fluoranthene (C21.85)	13.005	2573604	18.753 ug/ml
13) T Pyrene (C20.8)	13.304	2471659	18.035 ug/ml
14) T Benzo[a]anthracene (C...	15.191	2230738	19.587 ug/ml
15) T Chrysene (C27.41)	15.232	2602351	18.441 ug/ml
16) T benzo[b]fluoranthene ...	16.754	2361355	21.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.786	2421357	19.824 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.136	2388462	21.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	2219874	25.797 ug/ml
20) T Dibenz[a,h]anthracene...	18.552	2782763	21.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	2627984	24.799 ug/ml

(f)=RT Delta > 1/2 Window

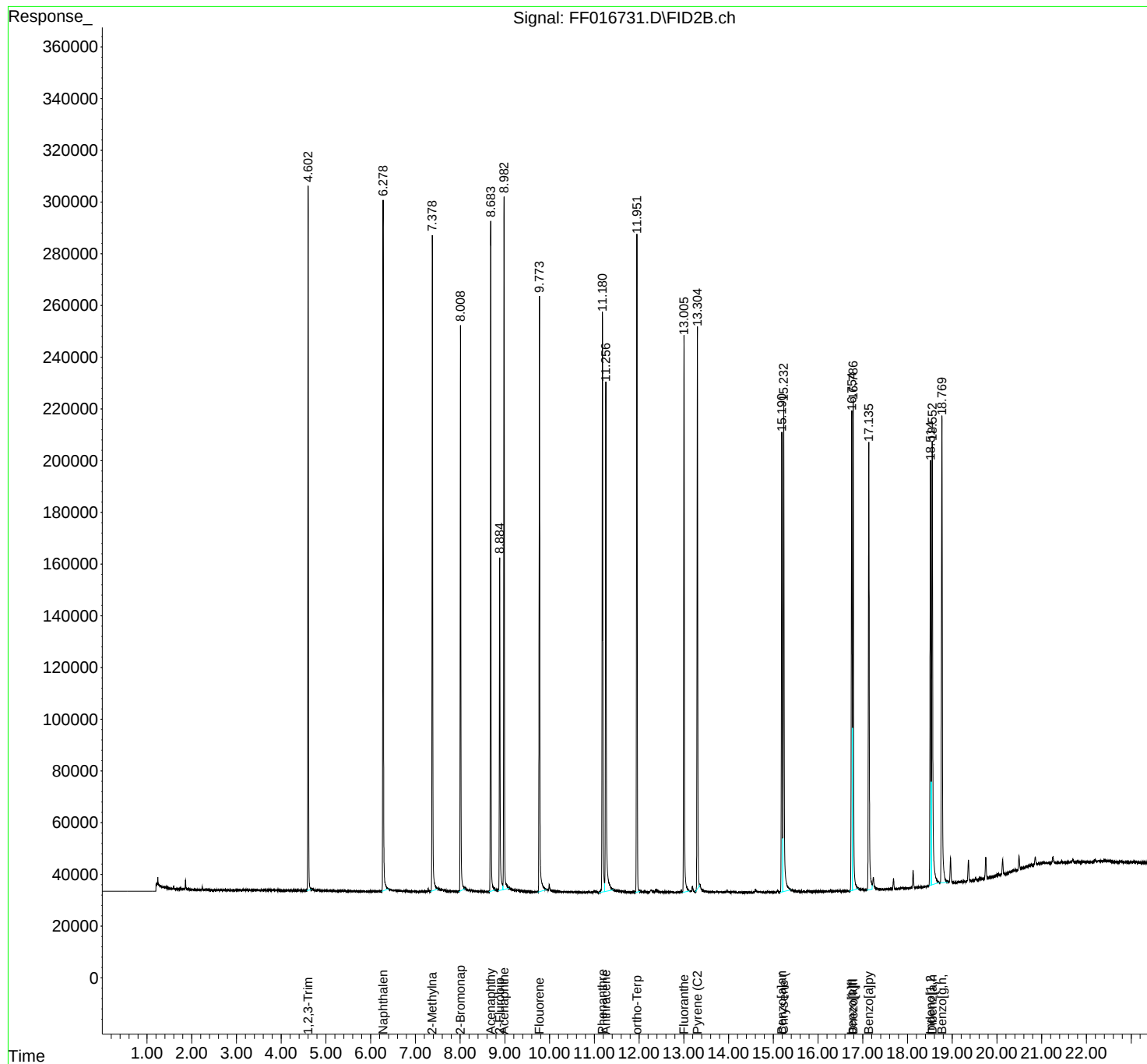
(m)=manual int.

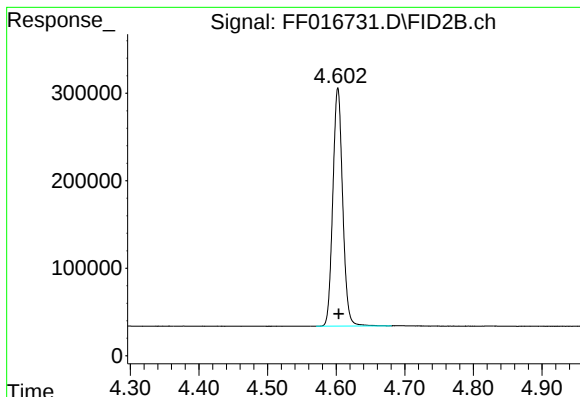
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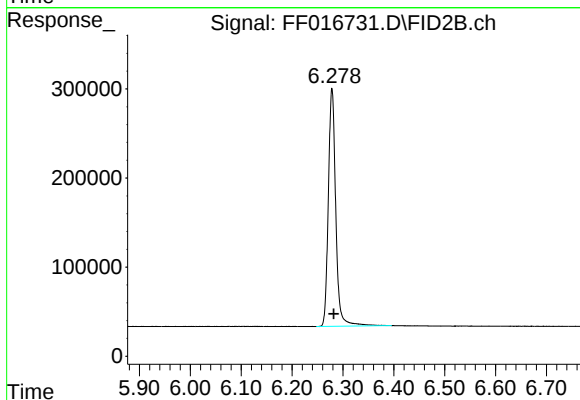




#1 1,2,3-Trimethylbenzene (C10.1)

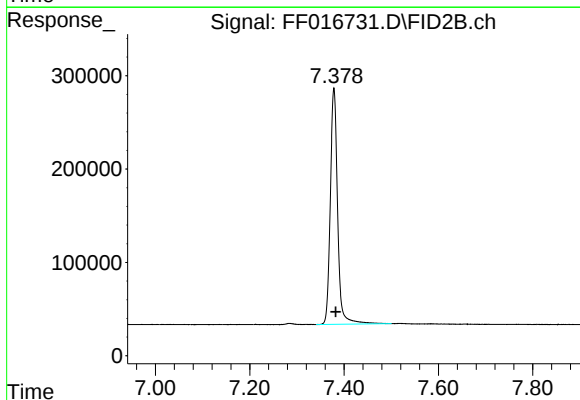
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 2710395
Conc: 20.59 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



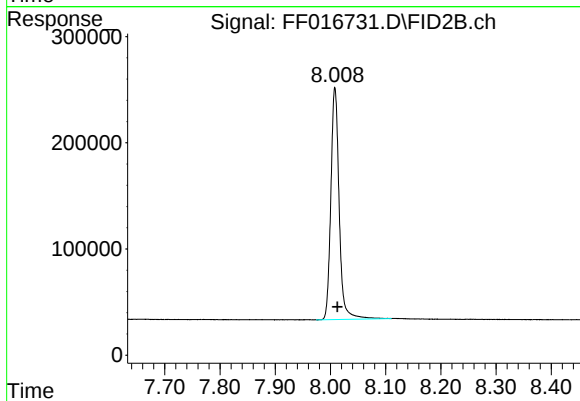
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.004 min
Response: 2703431
Conc: 20.44 ug/ml



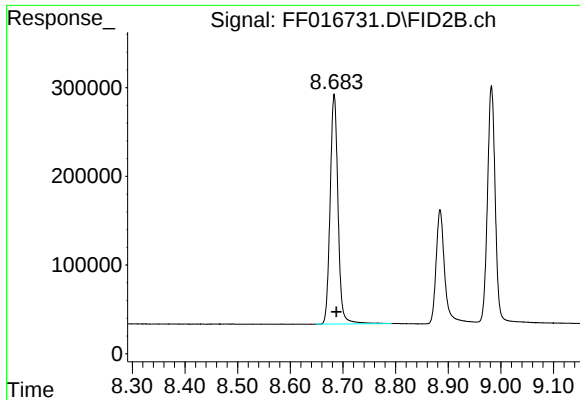
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.004 min
Response: 2714531
Conc: 20.42 ug/ml



#4 2-Bromonaphthalene (SURR)

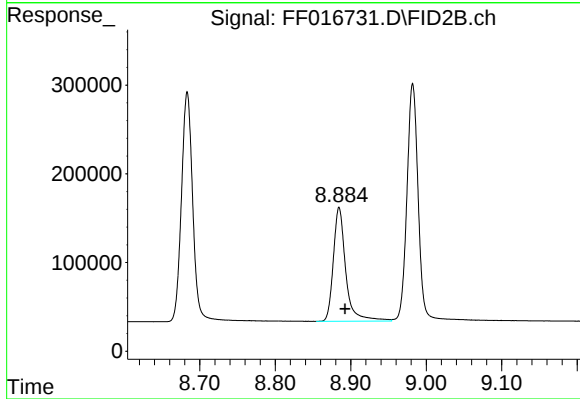
R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 2282110
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

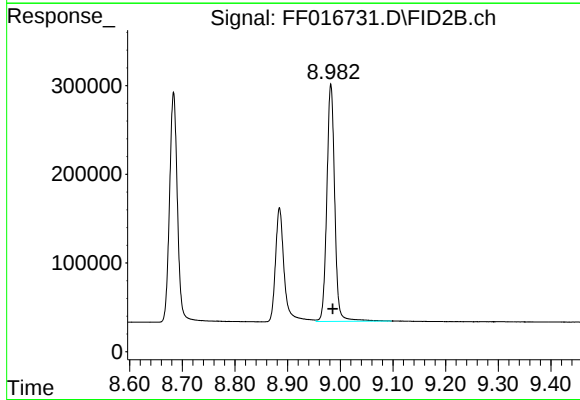
R.T.: 8.683 min
Delta R.T.: -0.004 min
Response: 2697472
Conc: 19.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



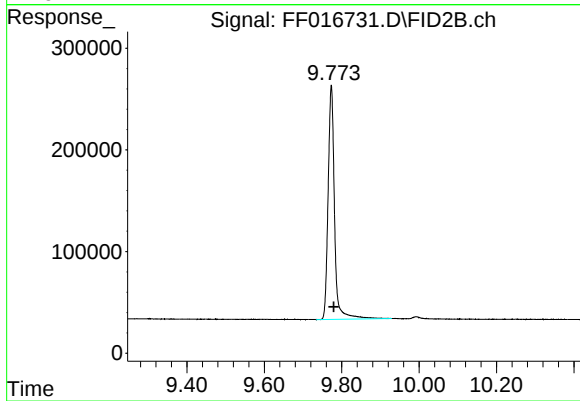
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.885 min
Delta R.T.: -0.008 min
Response: 1467385
Conc: 20.57 ug/ml



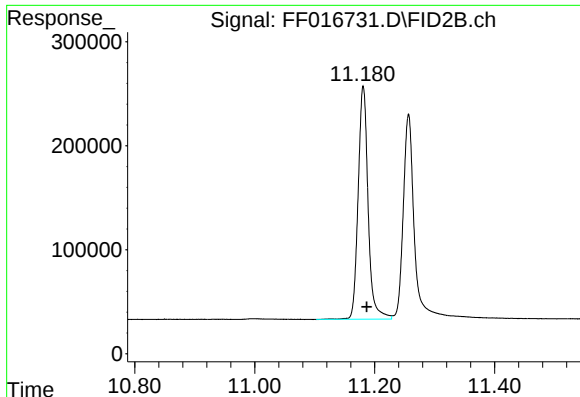
#7 Acenaphthene (C15.5)

R.T.: 8.982 min
Delta R.T.: -0.004 min
Response: 2784996
Conc: 20.26 ug/ml



#8 Fluorene (C16.55)

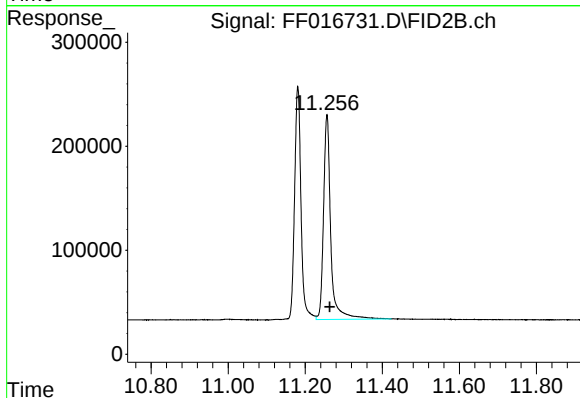
R.T.: 9.773 min
Delta R.T.: -0.006 min
Response: 2640352
Conc: 20.28 ug/ml



#9 Phenanthrene (C19.36)

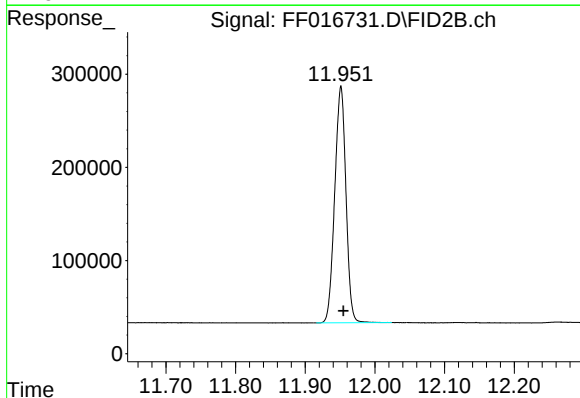
R.T.: 11.181 min
Delta R.T.: -0.006 min
Response: 2588931
Conc: 19.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



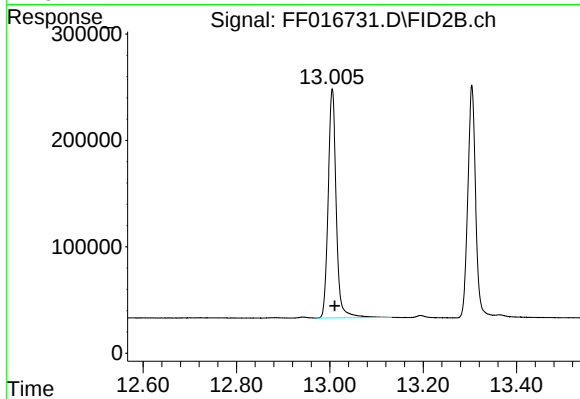
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: -0.007 min
Response: 2557610
Conc: 18.87 ug/ml



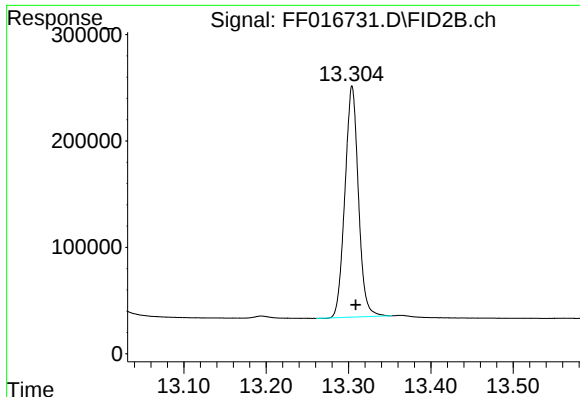
#11 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.004 min
Response: 2837331
Conc: 19.32 ug/ml



#12 Fluoranthene (C21.85)

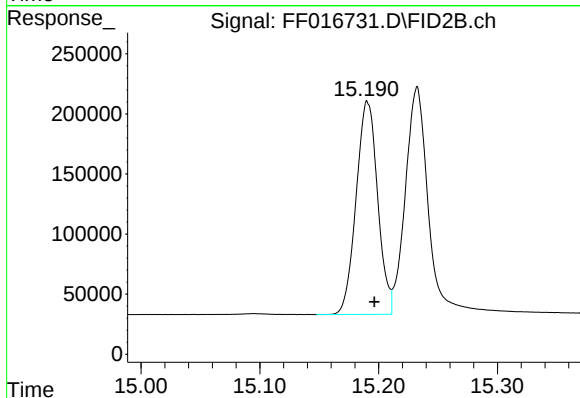
R.T.: 13.005 min
Delta R.T.: -0.005 min
Response: 2573604
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

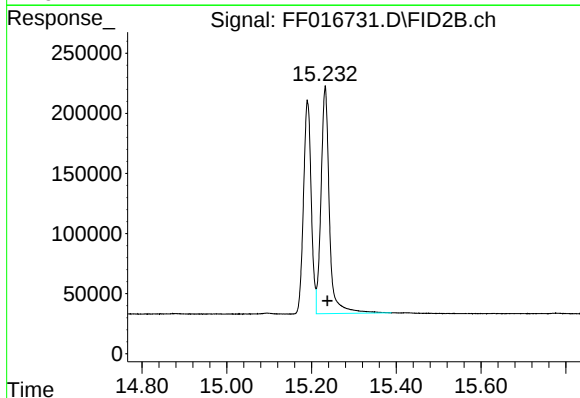
R.T.: 13.304 min
Delta R.T.: -0.004 min
Response: 2471659
Conc: 18.04 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



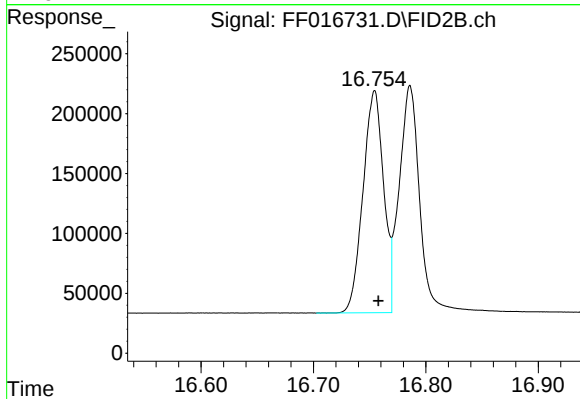
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.191 min
Delta R.T.: -0.006 min
Response: 2230738
Conc: 19.59 ug/ml



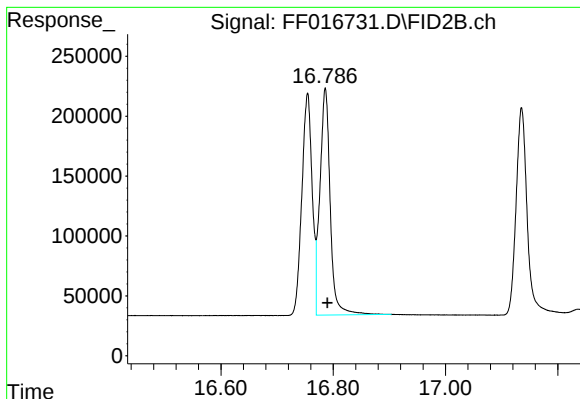
#15 Chrysene (C27.41)

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 2602351
Conc: 18.44 ug/ml



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

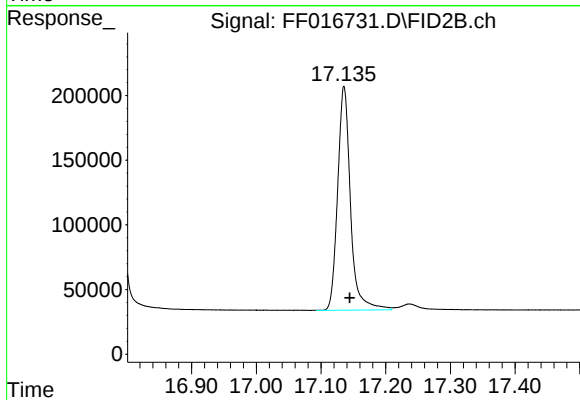
R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2361355
Conc: 21.25 ug/ml



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

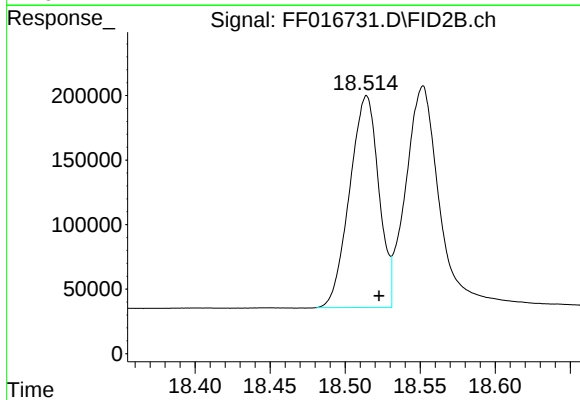
R.T.: 16.786 min
Delta R.T.: -0.004 min
Response: 2421357
Conc: 19.82 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



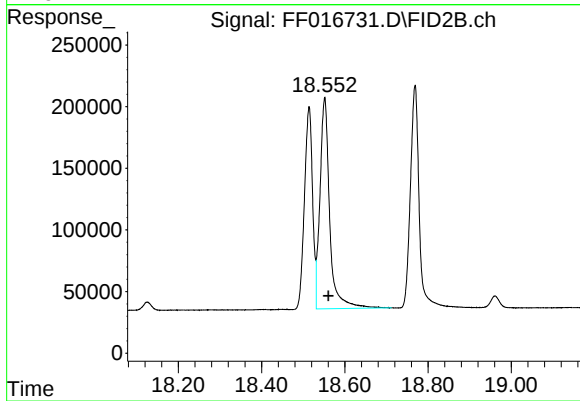
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 2388462
Conc: 21.76 ug/ml



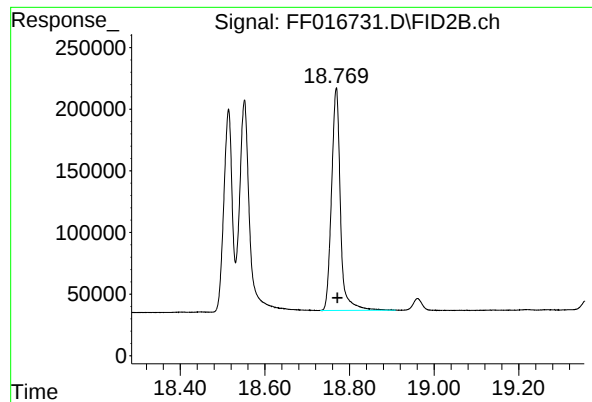
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: -0.009 min
Response: 2219874
Conc: 25.80 ug/ml



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

R.T.: 18.552 min
Delta R.T.: -0.009 min
Response: 2782763
Conc: 21.13 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.002 min
Response: 2627984
Conc: 24.80 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD