

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016826.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2025 00:39
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 01 08:21:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.004	2714155	23.671 ug/ml
Spiked Amount 50.000		Recovery =	47.34%
6) S 2-Fluorobiphenyl (SURR)	8.879	1693603	23.893 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.79%
11) S ortho-Terphenyl (SURR)	11.944	3324029	22.589 ug/ml
Spiked Amount 50.000		Recovery =	45.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	3183004	23.166 ug/ml
2) T Naphthalene (C11.7)	6.274	3189375	23.450 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	3224242	23.823 ug/ml
5) T Acenaphthylene (C15.06)	8.678	3152355	23.046 ug/ml
7) T Acenaphthene (C15.5)	8.977	3269101	22.779 ug/ml
8) T Flouorene (C16.55)	9.767	3094265	23.310 ug/ml
9) T Phenanthrene (C19.36)	11.174	2992788	23.044 ug/ml
10) T Anthracene (C19.43)	11.250	2882084	22.650 ug/ml
12) T Fluoranthene (C21.85)	12.997	2992363	22.799 ug/ml
13) T Pyrene (C20.8)	13.296	2997762	22.762 ug/ml
14) T Benzo[a]anthracene (C...	15.182	2532100	23.523 ug/ml
15) T Chrysene (C27.41)	15.223	3066826	22.167 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2740937	23.206 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	2851383	22.124 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.126	2750777	22.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.503	2306881	23.330 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	3456065	21.884 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2864851	22.555 ug/ml

(f)=RT Delta > 1/2 Window

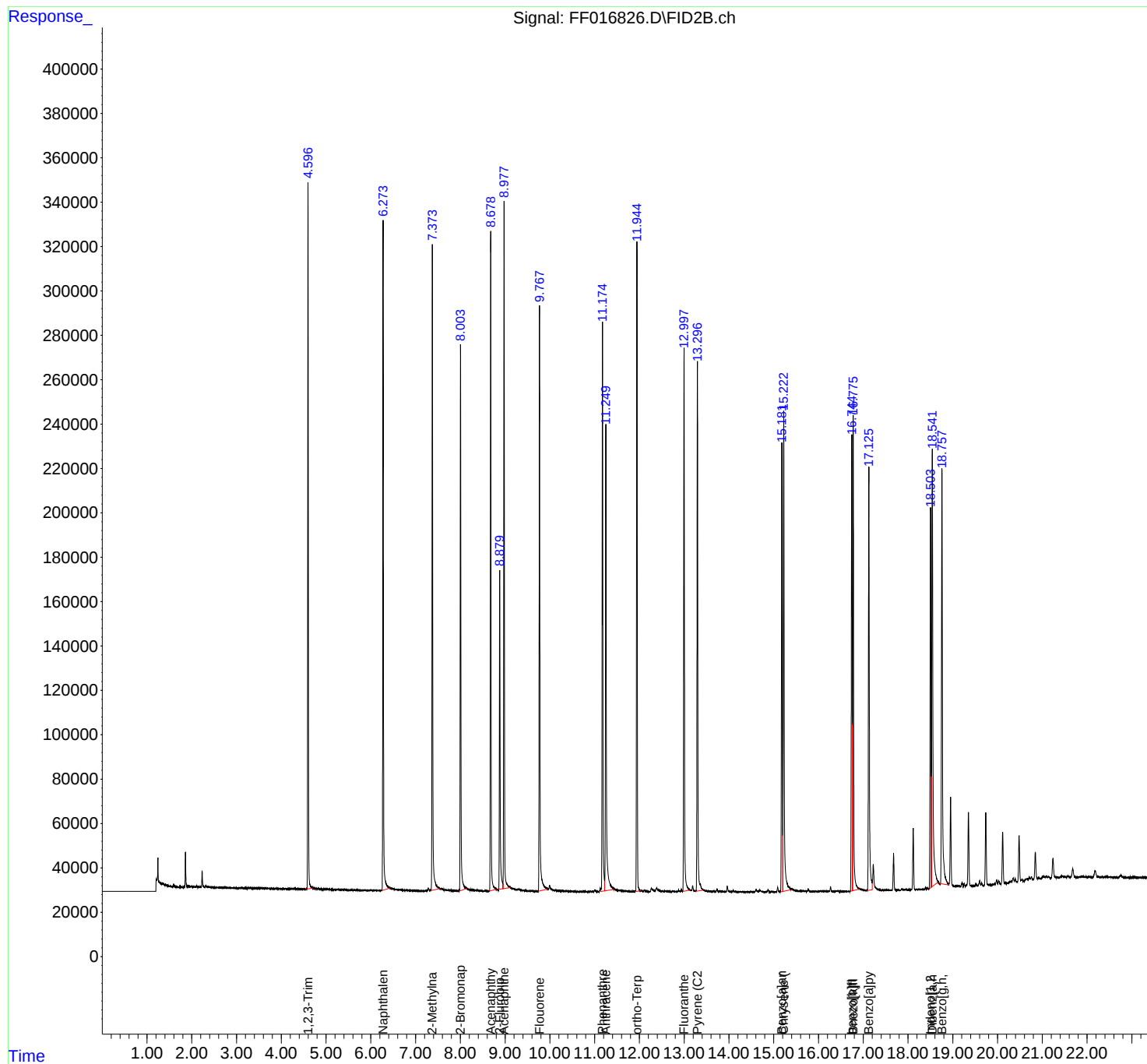
(m)=manual int.

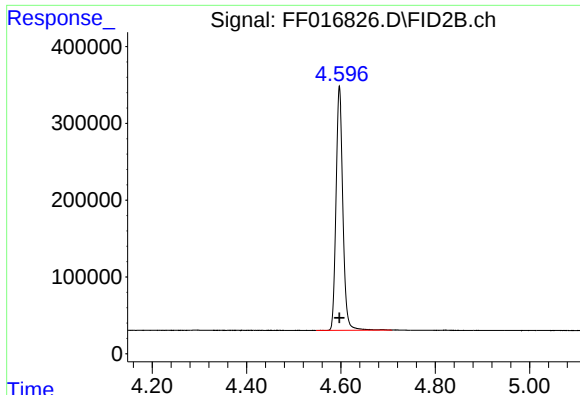
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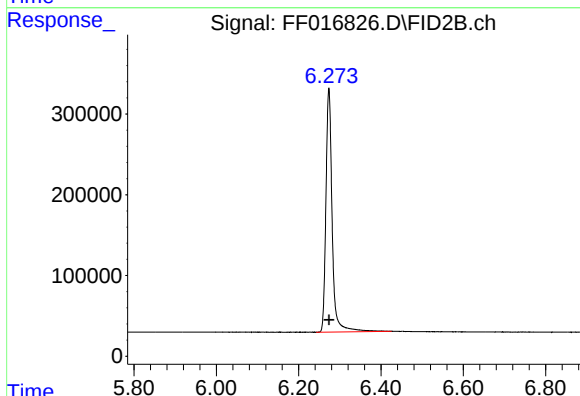




#1 1,2,3-Trimethylbenzene (C10.1)

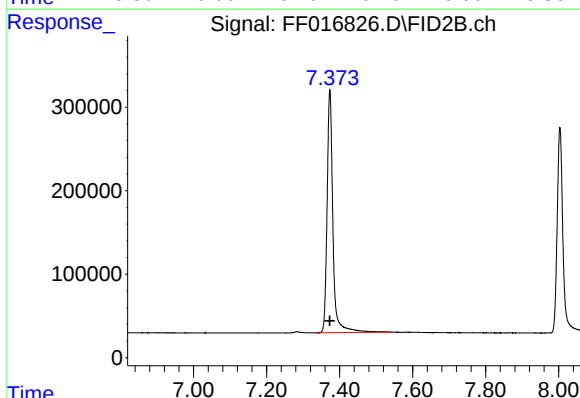
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 3183004
Conc: 23.17 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



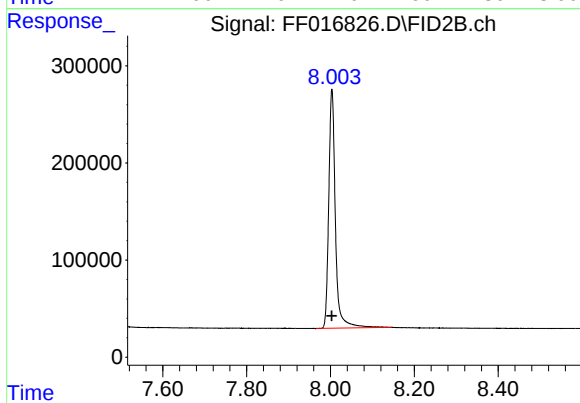
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 3189375
Conc: 23.45 ug/ml



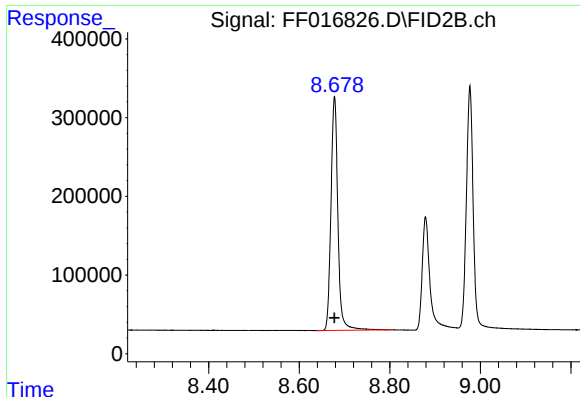
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 3224242
Conc: 23.82 ug/ml



#4 2-Bromonaphthalene (SURR)

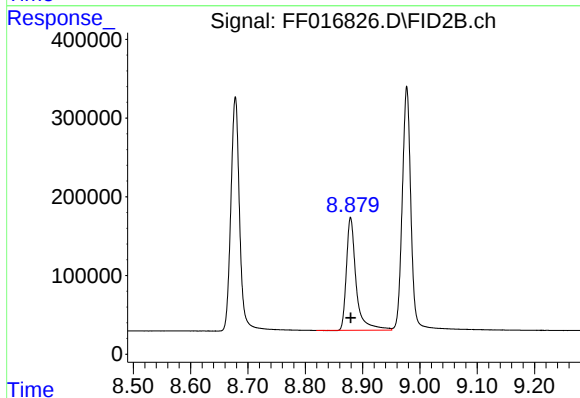
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 2714155
Conc: 23.67 ug/ml



#5 Acenaphthylene (C15.06)

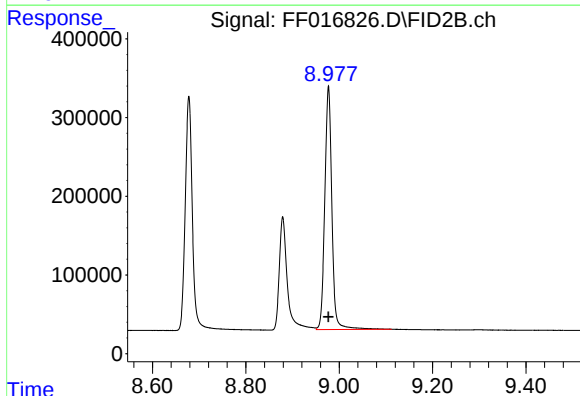
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 3152355
Conc: 23.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



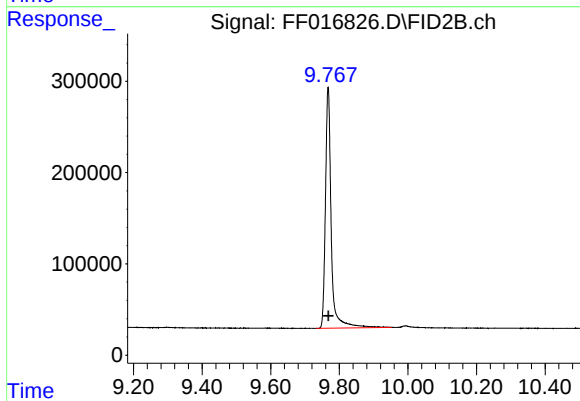
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 1693603
Conc: 23.89 ug/ml



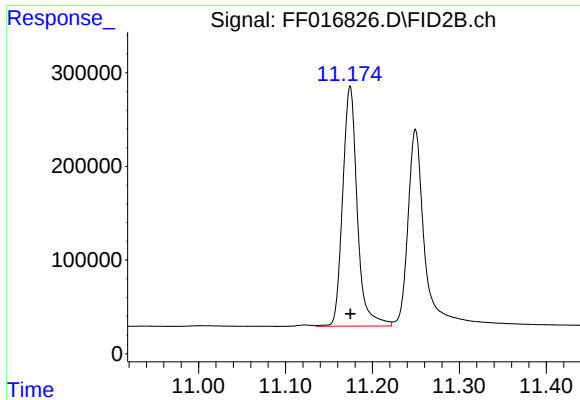
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 3269101
Conc: 22.78 ug/ml



#8 Flouorene (C16.55)

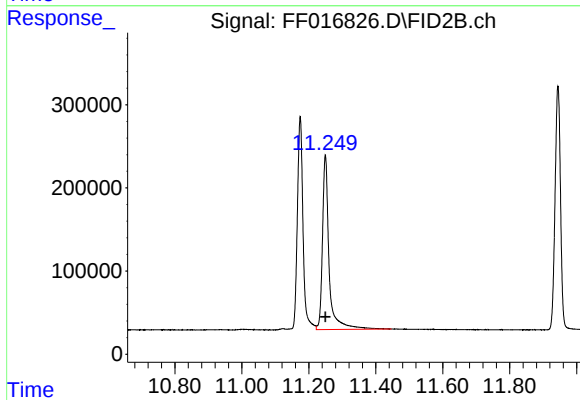
R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 3094265
Conc: 23.31 ug/ml



#9 Phenanthrene (C19.36)

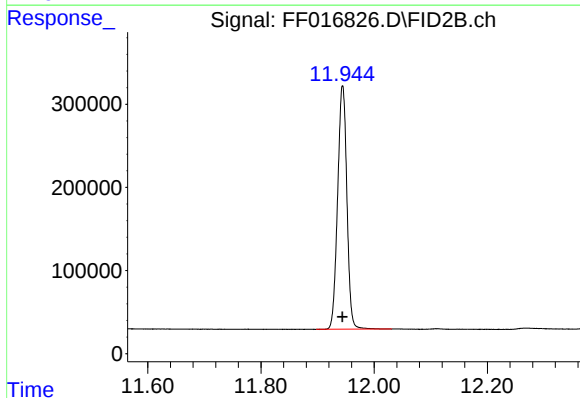
R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 2992788
Conc: 23.04 ug/ml

Instrument :
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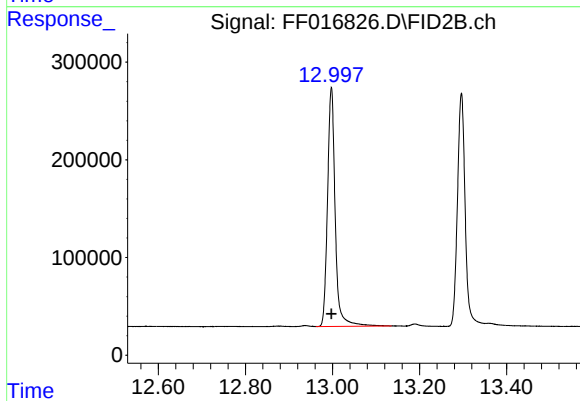
#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 2882084
Conc: 22.65 ug/ml



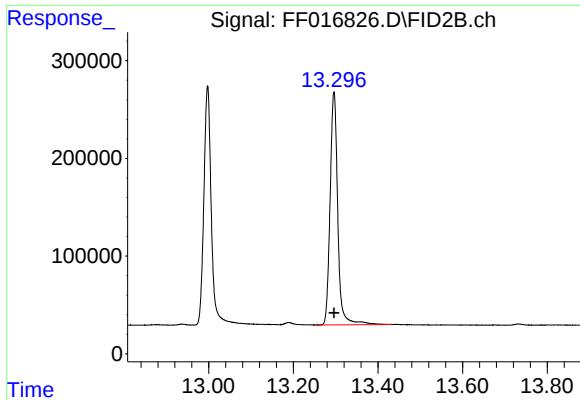
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 3324029
Conc: 22.59 ug/ml



#12 Fluoranthene (C21.85)

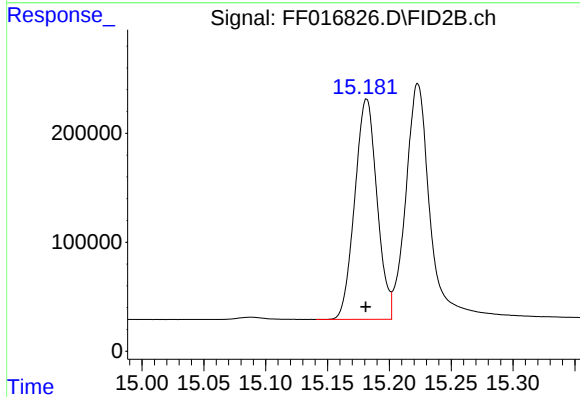
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 2992363
Conc: 22.80 ug/ml



#13 Pyrene (C20.8)

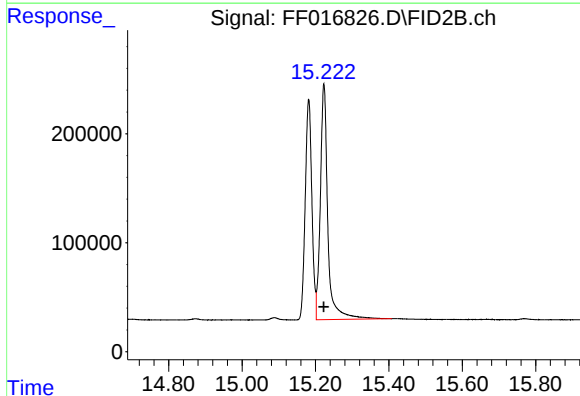
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 2997762
Conc: 22.76 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



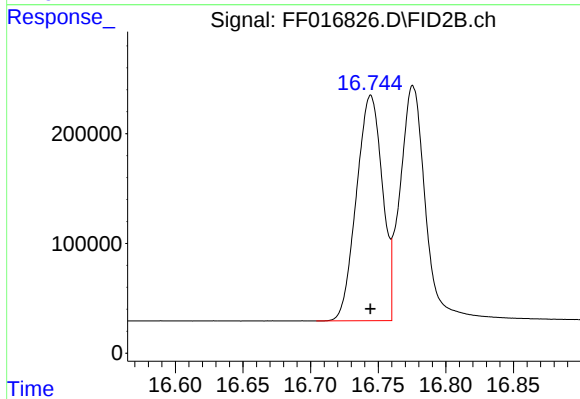
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: 0.000 min
Response: 2532100
Conc: 23.52 ug/ml



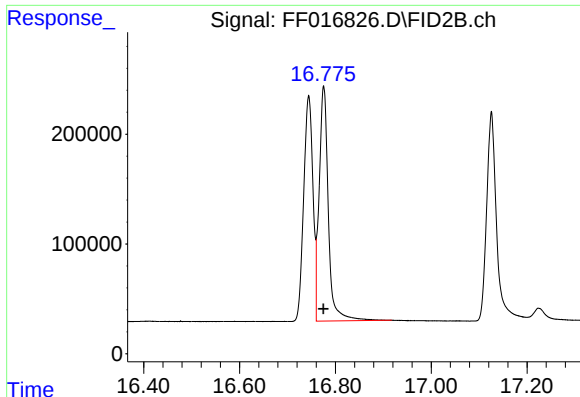
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 3066826
Conc: 22.17 ug/ml



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

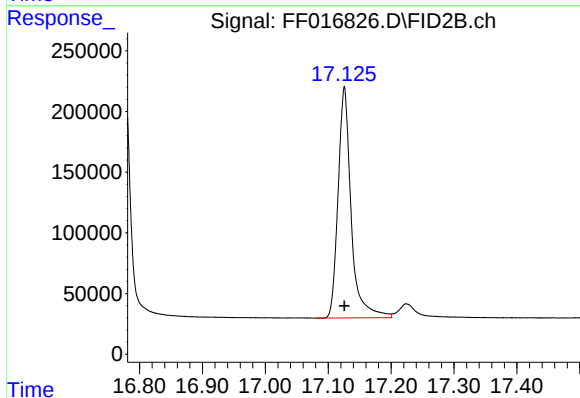
R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 2740937
Conc: 23.21 ug/ml



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

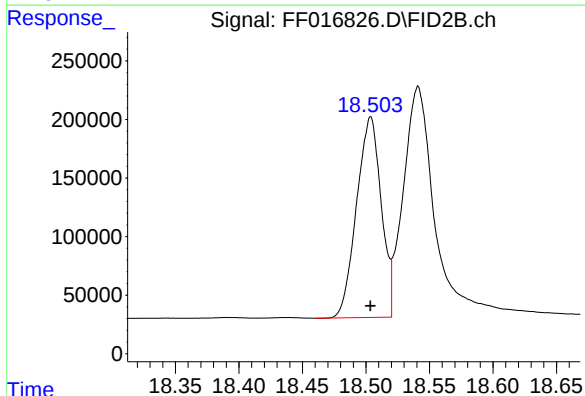
R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 2851383
Conc: 22.12 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



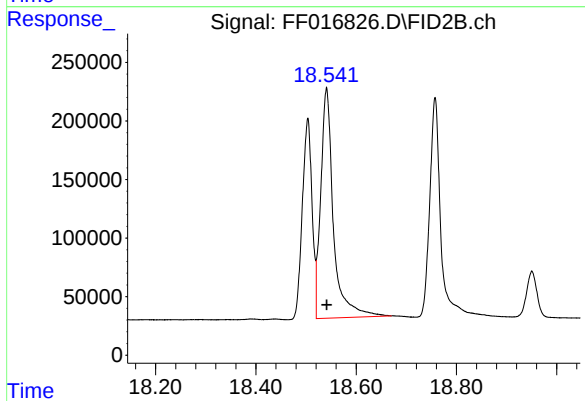
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.126 min
Delta R.T.: 0.000 min
Response: 2750777
Conc: 22.87 ug/ml



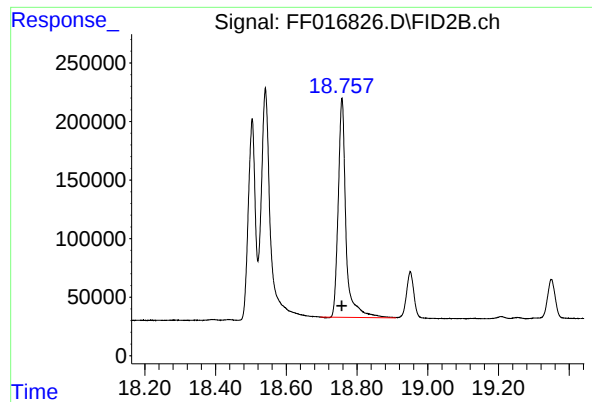
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 2306881
Conc: 23.33 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 3456065
Conc: 21.88 ug/ml



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

R.T.: 18.757 min
Delta R.T.: 0.000 min
Response: 2864851
Conc: 22.55 ug/ml

Instrument :

FID_F

ClientSampleId :

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