

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121625AR\
 Data File : FF016899.D
 Signal(s) : FID2B.ch
 Acq On : 16 Dec 2025 20:59
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 17 03:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 03:28:27 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...	7.997	1073837	9.589 ug/ml
Spiked Amount 50.000		Recovery =	19.18%
6) S 2-Fluorobiphenyl (SURR)	8.875	600867	8.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.65%
11) S ortho-Terphenyl (SURR)	11.936	1457015	10.277 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.591	1308057	10.159 ug/ml
2) T Naphthalene (C11.7)	6.267	1264859	9.765 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	1244093	9.541 ug/ml
5) T Acenaphthylene (C15.06)	8.670	1326295	9.986 ug/ml
7) T Acenaphthene (C15.5)	8.969	1338549	9.900 ug/ml
8) T Flouorene (C16.55)	9.761	1214197	9.597 ug/ml
9) T Phenanthrene (C19.36)	11.168	1244928	9.714 ug/ml
10) T Anthracene (C19.43)	11.244	1337589	10.037 ug/ml
12) T Fluoranthene (C21.85)	12.992	1323202	9.966 ug/ml
13) T Pyrene (C20.8)	13.289	1349658	10.587 ug/ml
14) T Benzo[a]anthracene (C...	15.176	1022707	9.124 ug/ml
15) T Chrysene (C27.41)	15.217	1429568	10.515 ug/ml
16) T benzo[b]fluoranthene ...	16.737	1047270	9.436 ug/ml
17) T Bnezo[k]fluoranthene ...	16.769	1264792	10.593 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.123	1030918	9.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.499	753741	9.079 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	1187797	10.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	1046776	10.083 ug/ml

(f)=RT Delta > 1/2 Window

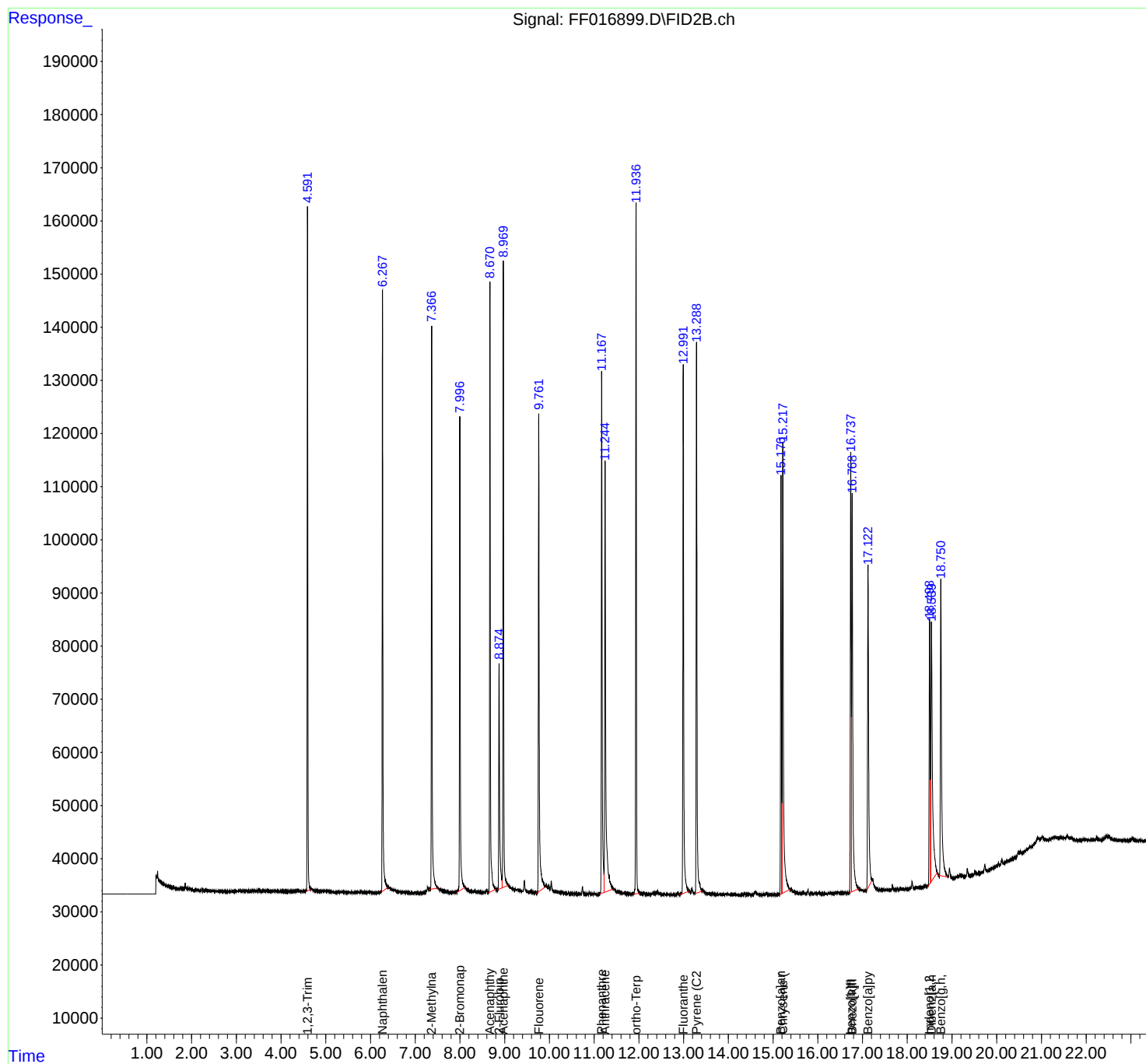
(m)=manual int.

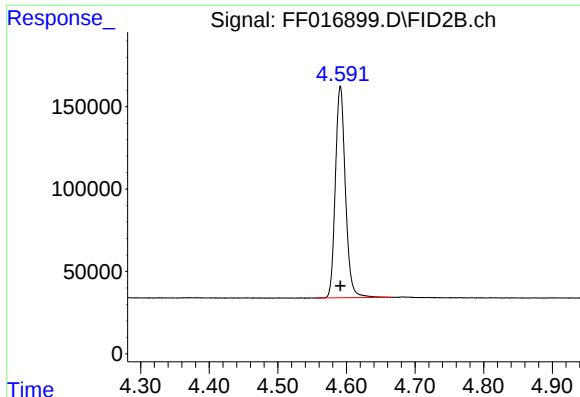
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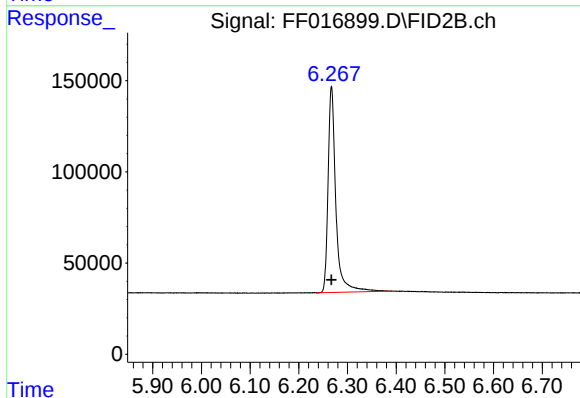




#1 1,2,3-Trimethylbenzene (C10.1)

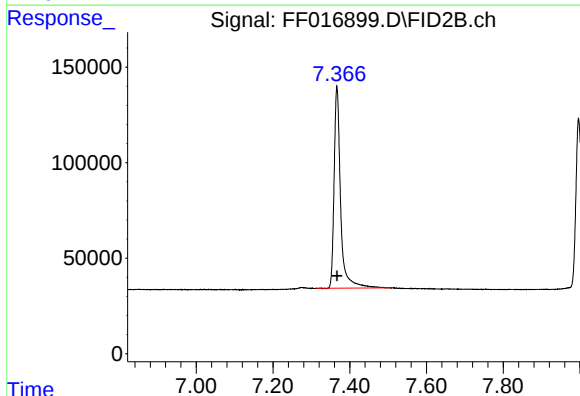
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 1308057
Conc: 10.16 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



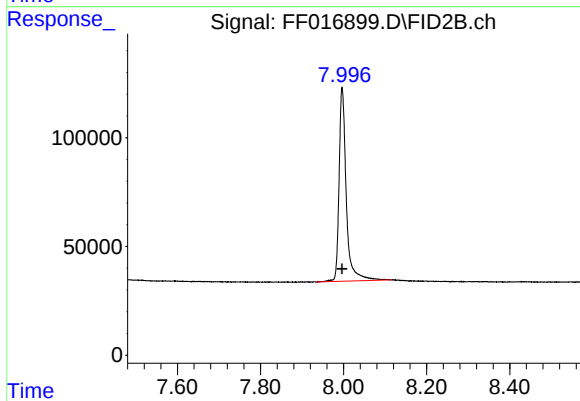
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 1264859
Conc: 9.77 ug/ml



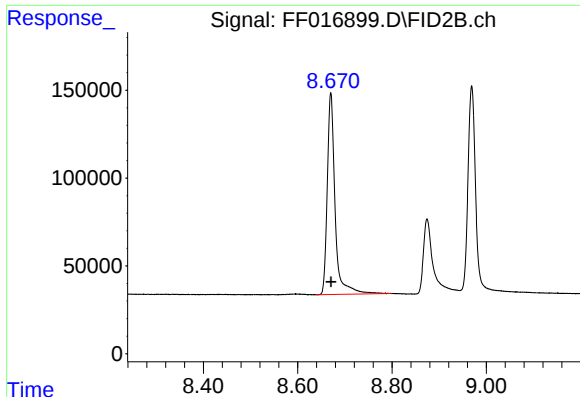
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 1244093
Conc: 9.54 ug/ml



#4 2-Bromonaphthalene (SURR)

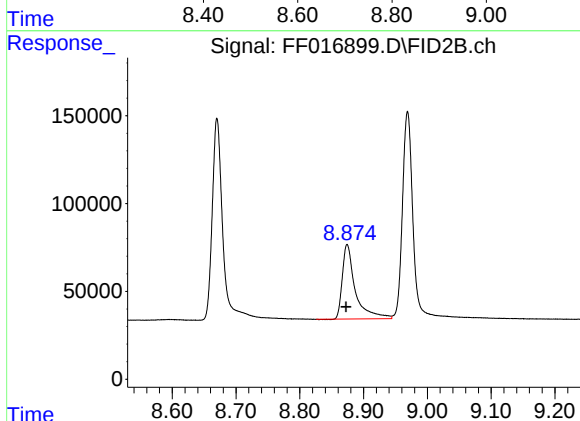
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 1073837
Conc: 9.59 ug/ml



#5 Acenaphthylene (C15.06)

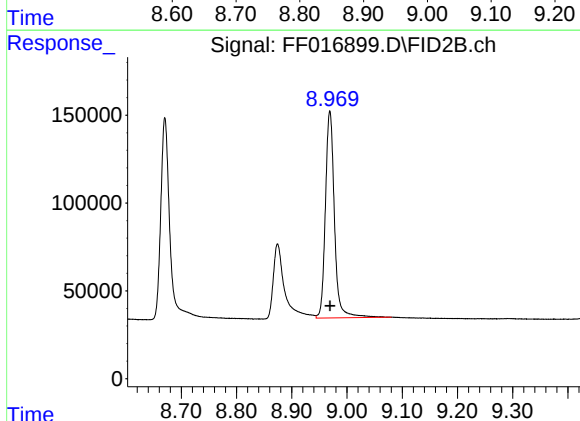
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 1326295
Conc: 9.99 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



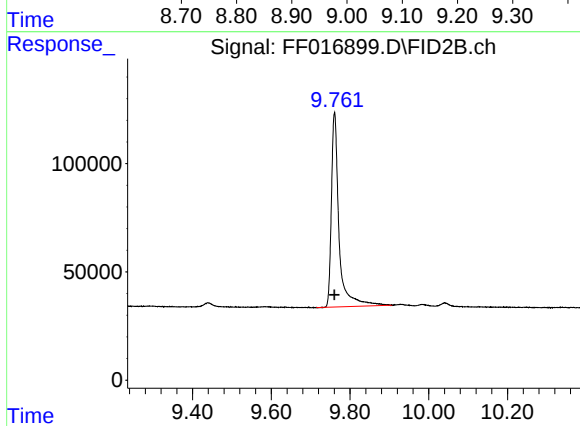
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: 0.002 min
Response: 600867
Conc: 8.82 ug/ml



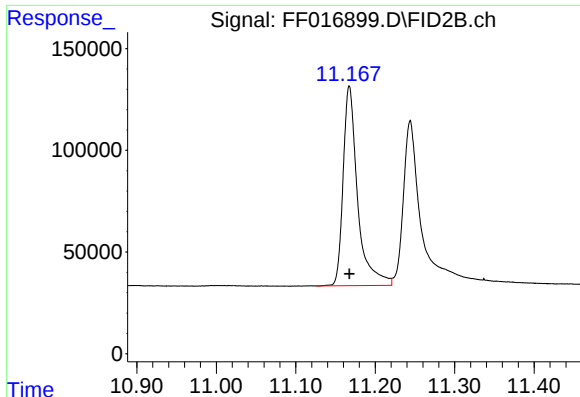
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.000 min
Response: 1338549
Conc: 9.90 ug/ml



#8 Fluorene (C16.55)

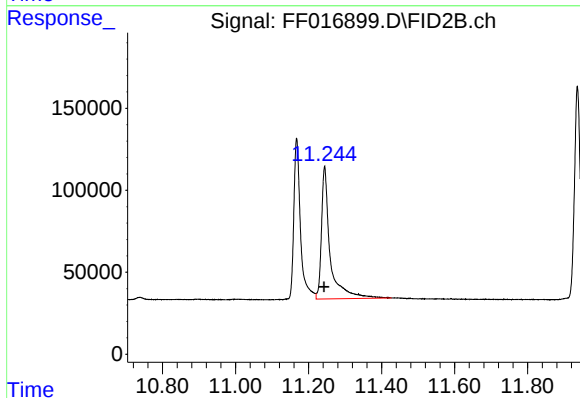
R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 1214197
Conc: 9.60 ug/ml



#9 Phenanthrene (C19.36)

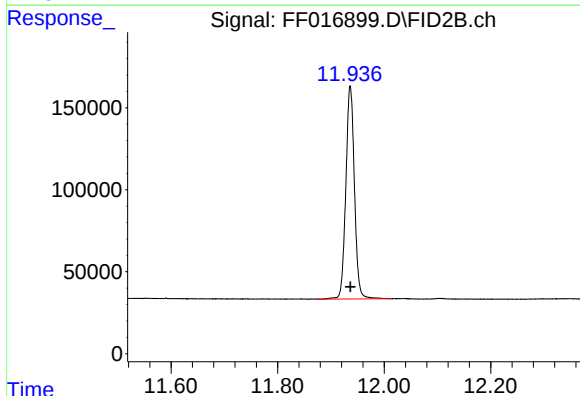
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 1244928
Conc: 9.71 ug/ml

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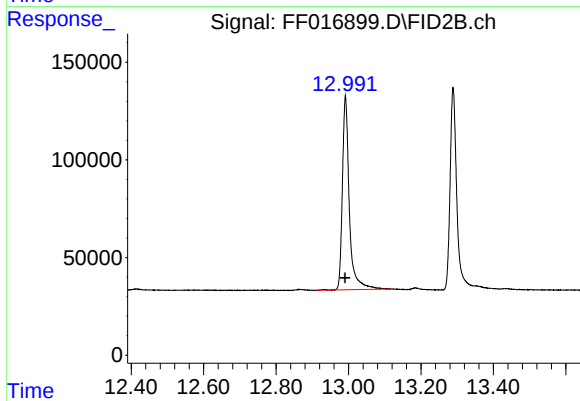
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.001 min
Response: 1337589
Conc: 10.04 ug/ml



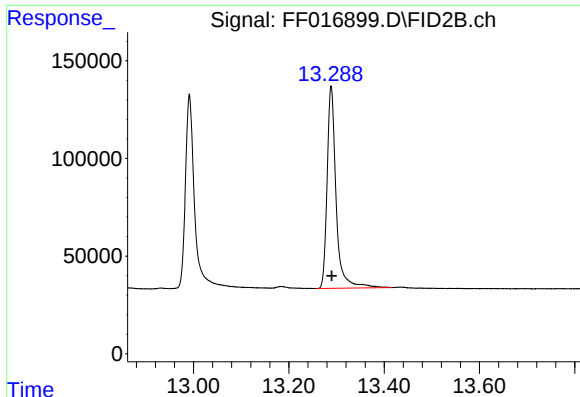
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 1457015
Conc: 10.28 ug/ml



#12 Fluoranthene (C21.85)

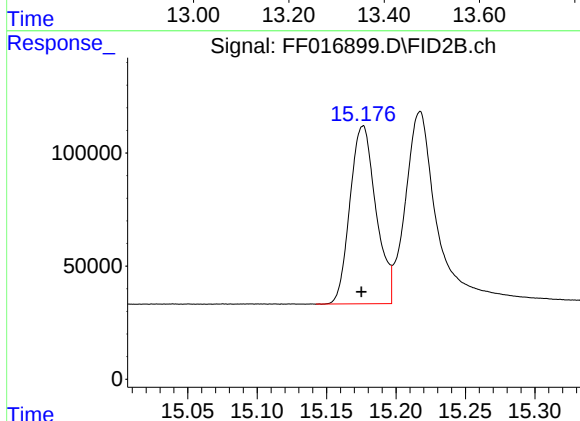
R.T.: 12.992 min
Delta R.T.: 0.001 min
Response: 1323202
Conc: 9.97 ug/ml



#13 Pyrene (C20.8)

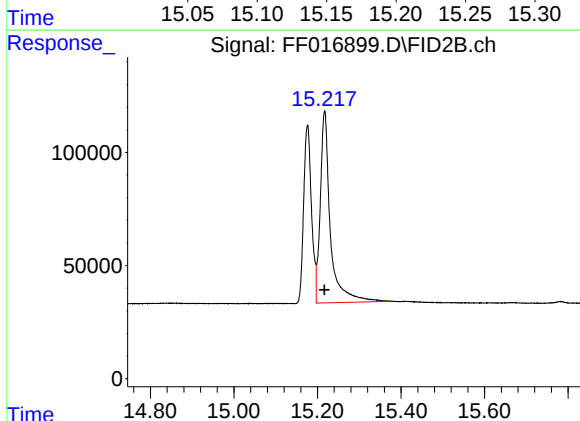
R.T.: 13.289 min
Delta R.T.: -0.001 min
Response: 1349658
Conc: 10.59 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



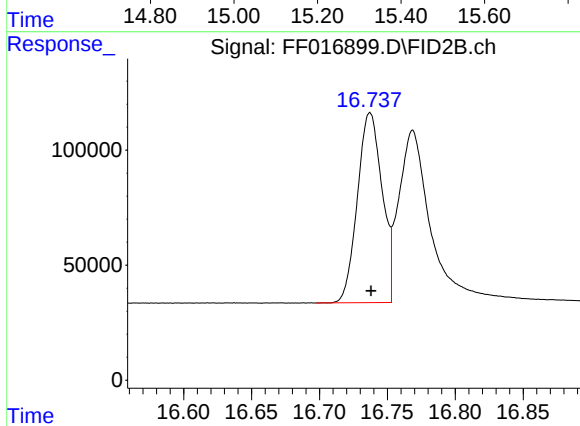
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.176 min
Delta R.T.: 0.001 min
Response: 1022707
Conc: 9.12 ug/ml



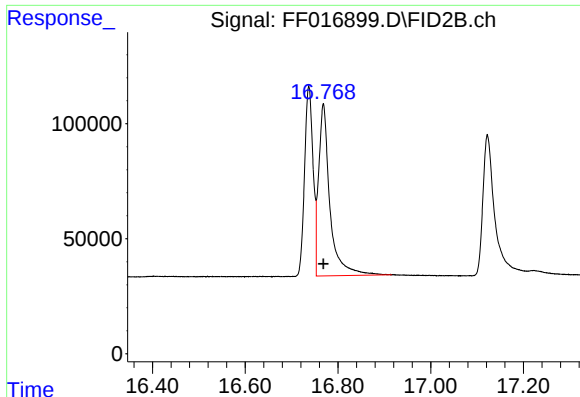
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 1429568
Conc: 10.51 ug/ml



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

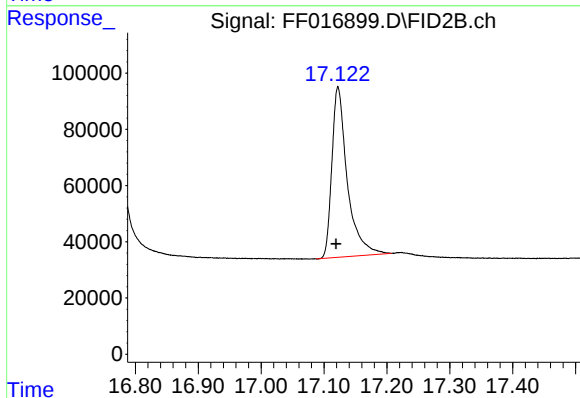
R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 1047270
Conc: 9.44 ug/ml



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

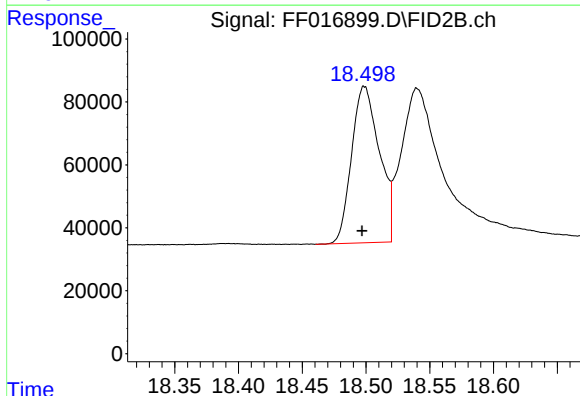
R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 1264792
Conc: 10.59 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



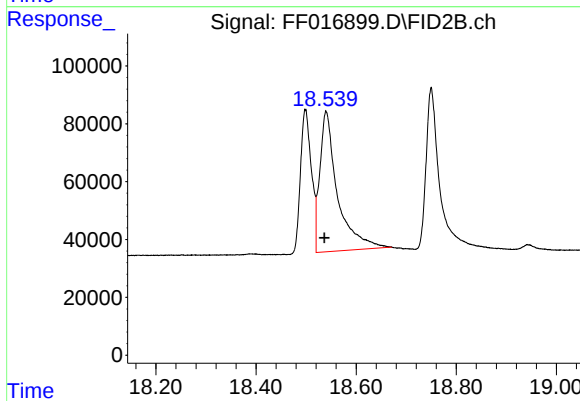
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.123 min
Delta R.T.: 0.003 min
Response: 1030918
Conc: 9.62 ug/ml



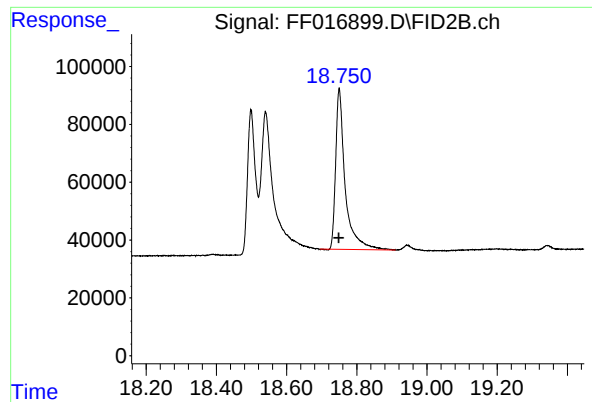
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.499 min
Delta R.T.: 0.002 min
Response: 753741
Conc: 9.08 ug/ml



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

R.T.: 18.540 min
Delta R.T.: 0.004 min
Response: 1187797
Conc: 10.23 ug/ml



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

R.T.: 18.750 min
Delta R.T.: 0.001 min
Response: 1046776
Conc: 10.08 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4