

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049609.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 13:35
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 11 14:11:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:17 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...	7.714	489176	4.773 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
6) S 2-Fluorobiphenyl (SURR)	8.578	347680	4.760 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.52%
11) S ortho-Terphenyl (SURR)	11.623	633269	4.879 ug/ml
Spiked Amount 50.000		Recovery =	9.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.509	496869	4.909 ug/ml
2) T Naphthalene (C11.7)	6.052	556463	4.853 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	572023	4.795 ug/ml
5) T Acenaphthylene (C15.06)	8.381	608871	4.843 ug/ml
7) T Acenaphthene (C15.5)	8.677	608171	4.837 ug/ml
8) T Fluorene (C16.55)	9.458	606295	4.789 ug/ml
9) T Phenanthrene (C19.36)	10.856	610414	4.725 ug/ml
10) T Anthracene (C19.43)	10.930	577291	4.686 ug/ml
12) T Fluoranthene (C21.85)	12.669	606942	4.741 ug/ml
13) T Pyrene (C20.8)	12.966	601676	4.739 ug/ml
14) T Benzo[a]anthracene (C...	14.836	548941	4.757 ug/ml
15) T Chrysene (C27.41)	14.878	559500	4.779 ug/ml
16) T benzo[b]fluoranthene ...	16.386	558498	4.911 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	528624	4.938 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	545214	4.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	505114	4.900 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	584886	5.366 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	544133	4.979 ug/ml

(f)=RT Delta > 1/2 Window

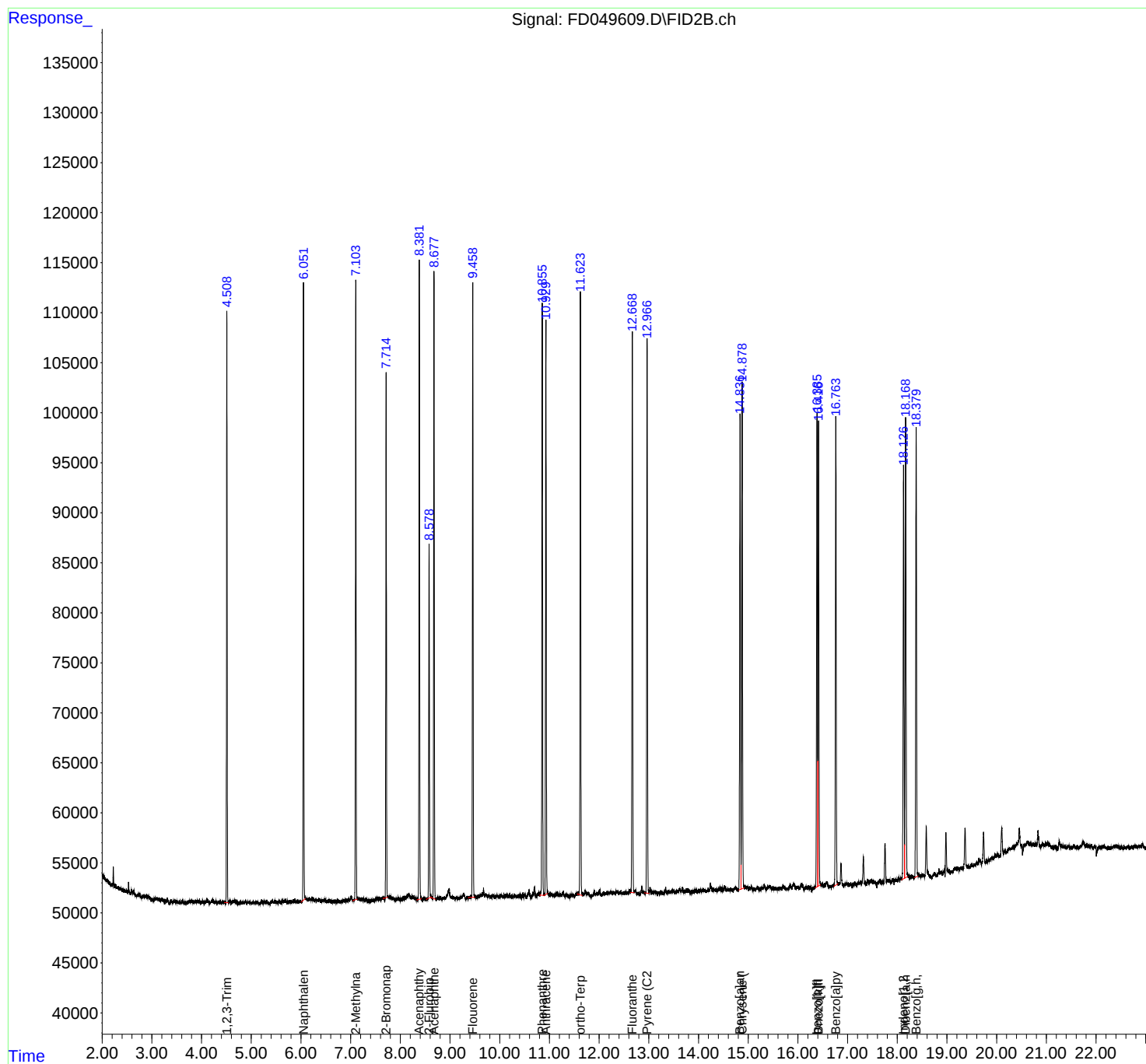
(m)=manual int.

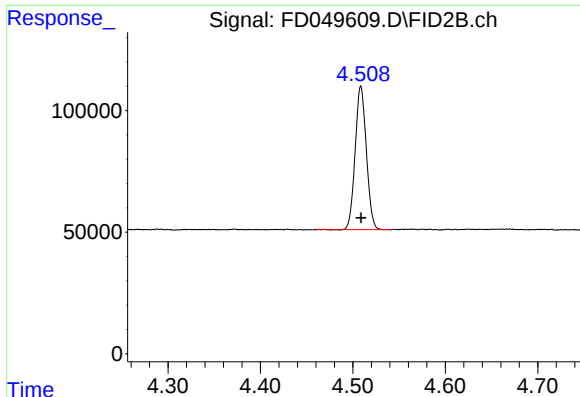
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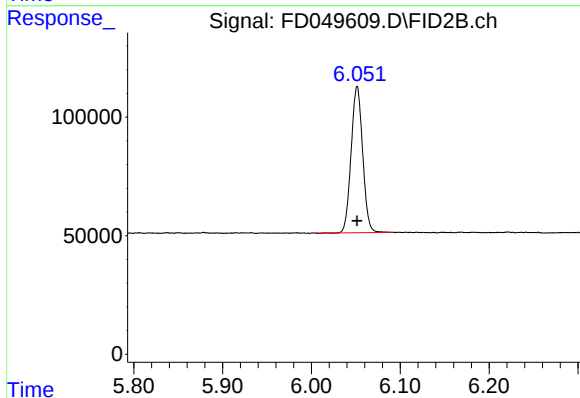




#1 1,2,3-Trimethylbenzene (C10.1)

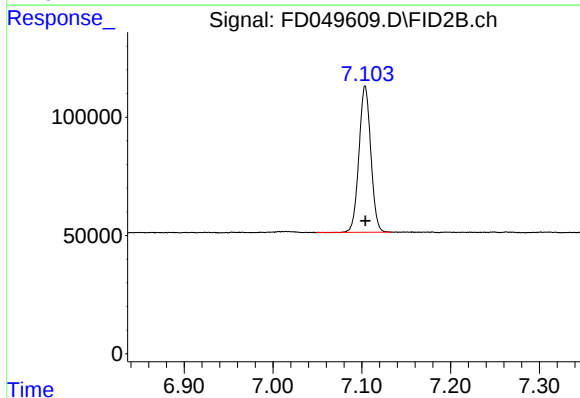
R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 496869
Conc: 4.91 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



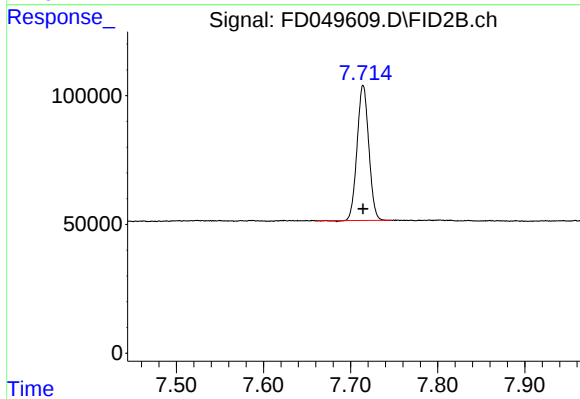
#2 Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 556463
Conc: 4.85 ug/ml



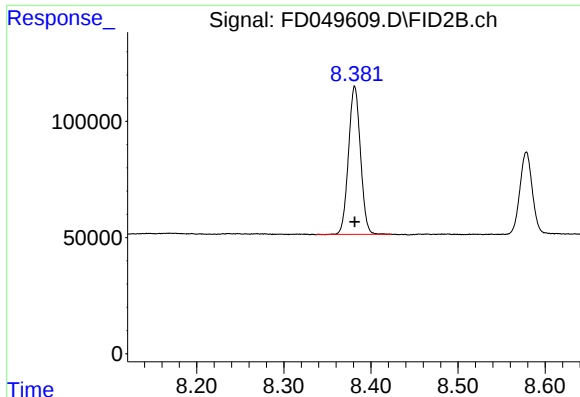
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 572023
Conc: 4.80 ug/ml



#4 2-Bromonaphthalene (SURR)

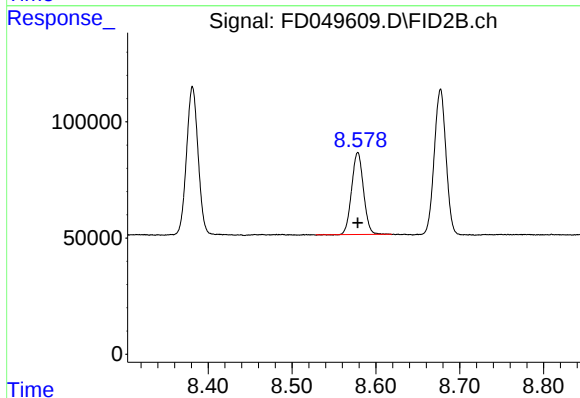
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 489176
Conc: 4.77 ug/ml



#5 Acenaphthylene (C15.06)

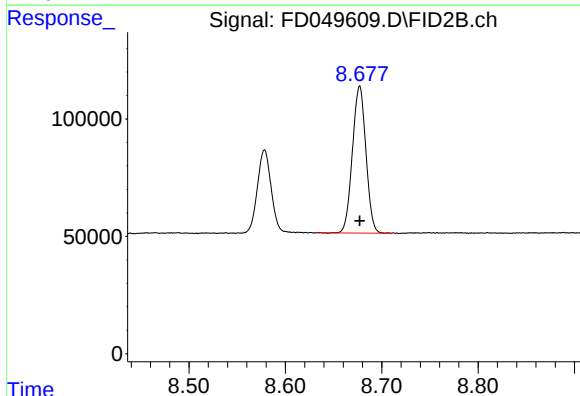
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 608871
Conc: 4.84 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



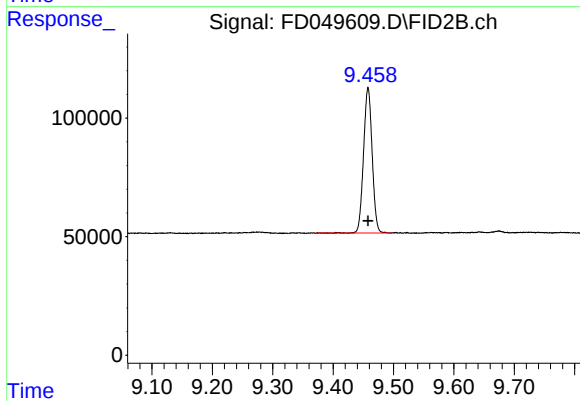
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 347680
Conc: 4.76 ug/ml



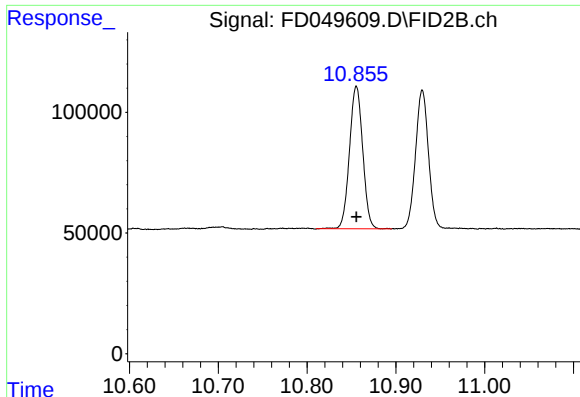
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 608171
Conc: 4.84 ug/ml



#8 Fluorene (C16.55)

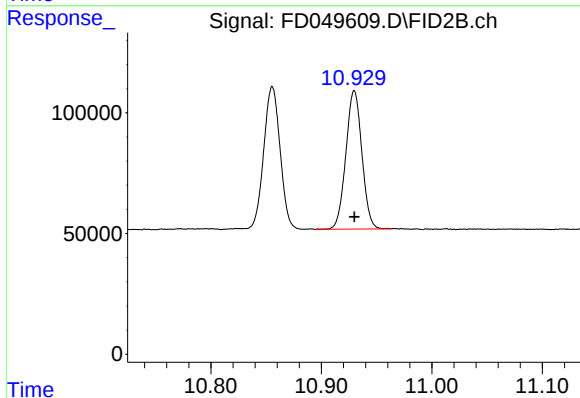
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 606295
Conc: 4.79 ug/ml



#9 Phenanthrene (C19.36)

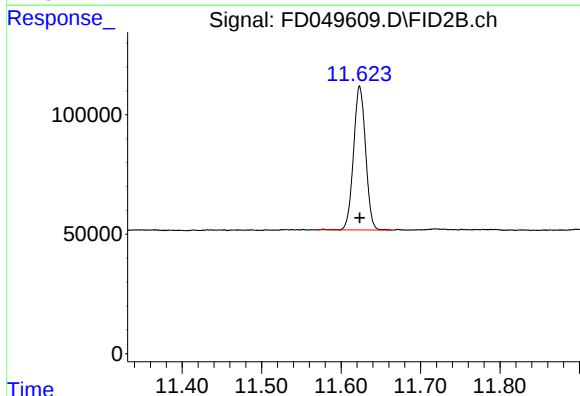
R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 610414
Conc: 4.73 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



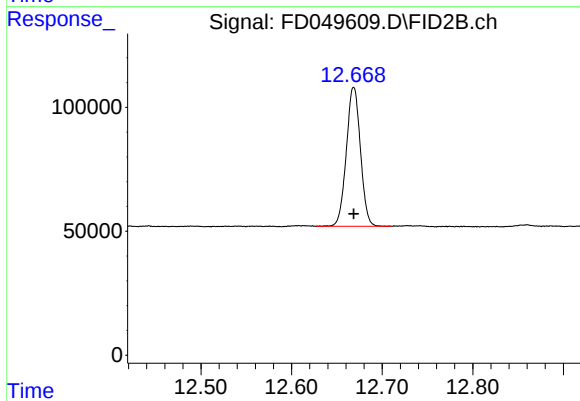
#10 Anthracene (C19.43)

R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 577291
Conc: 4.69 ug/ml



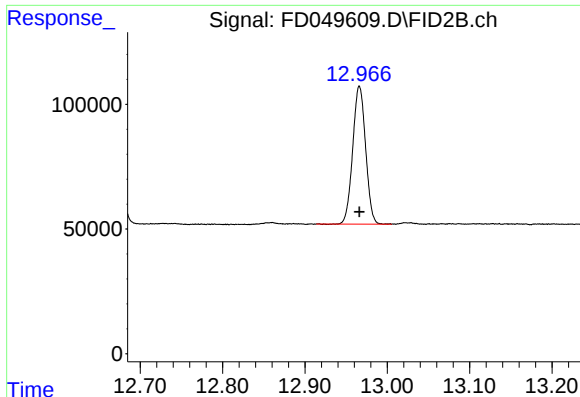
#11 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 633269
Conc: 4.88 ug/ml



#12 Fluoranthene (C21.85)

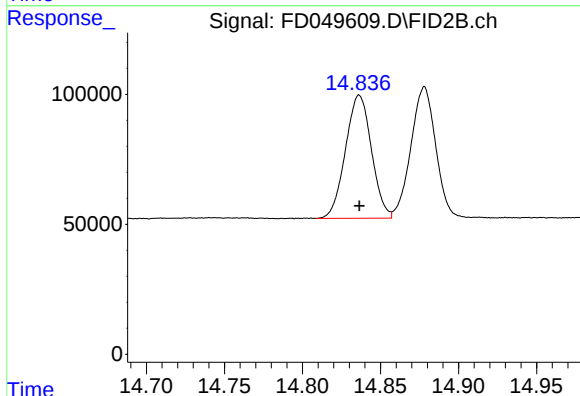
R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 606942
Conc: 4.74 ug/ml



#13 Pyrene (C20.8)

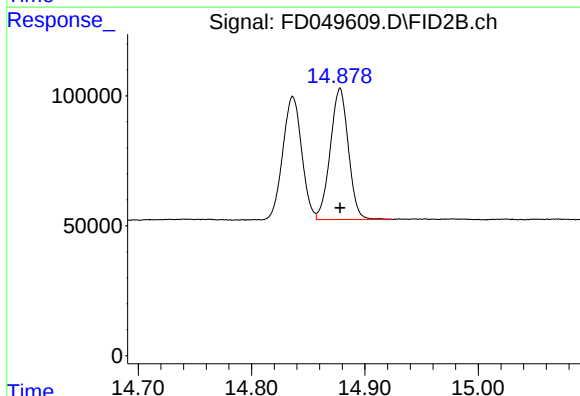
R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 601676
Conc: 4.74 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



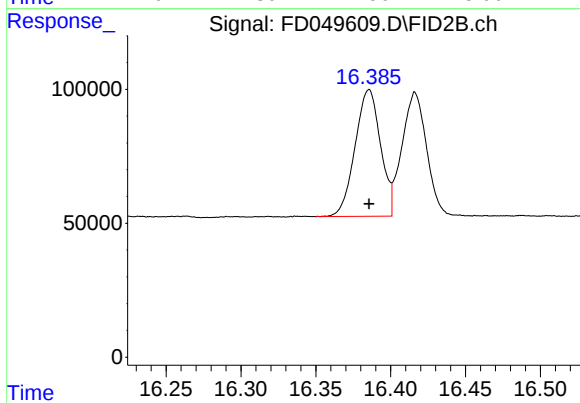
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 548941
Conc: 4.76 ug/ml



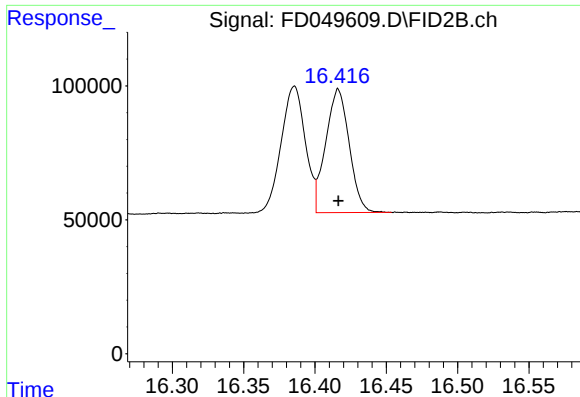
#15 Chrysene (C27.41)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 559500
Conc: 4.78 ug/ml



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

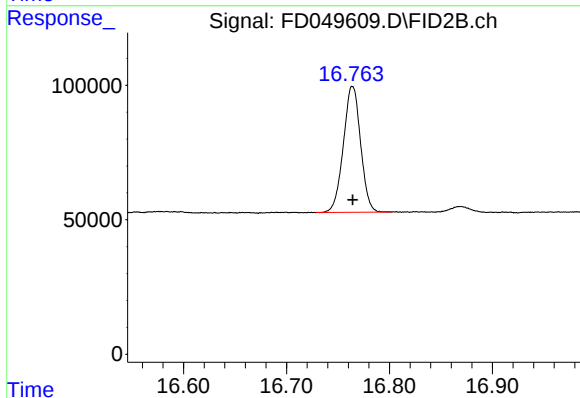
R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 558498
Conc: 4.91 ug/ml



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

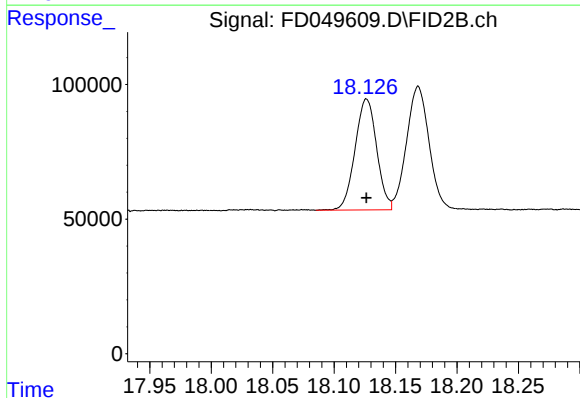
R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 528624
Conc: 4.94 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



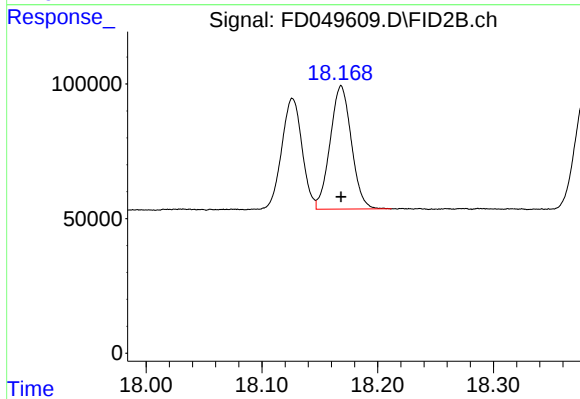
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 545214
Conc: 4.91 ug/ml



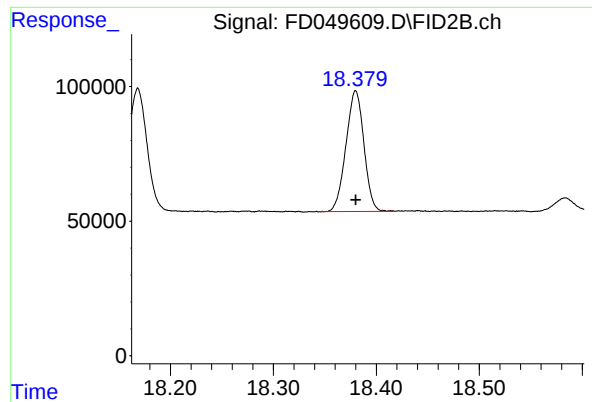
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.000 min
Response: 505114
Conc: 4.90 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 584886
Conc: 5.37 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 544133
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5