

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049216.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 19:00
 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: Apr 03 03:35:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 03:29:47 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...	7.746	603515	5.166 ug/mlm
Spiked Amount 50.000		Recovery =	10.33%
6) S 2-Fluorobiphenyl (SURR)	8.611	413563	5.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.18%
11) S ortho-Terphenyl (SURR)	11.652	788226	5.329 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	607849	5.421 ug/ml
2) T Naphthalene (C11.7)	6.084	673514	5.394 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	635095	5.119 ug/ml
5) T Acenaphthylene (C15.06)	8.415	768163	5.429 ug/ml
7) T Acenaphthene (C15.5)	8.710	708787	5.246 ug/ml
8) T Fluorene (C16.55)	9.490	655712	4.935 ug/ml
9) T Phenanthrene (C19.36)	10.888	696696	4.952 ug/ml
10) T Anthracene (C19.43)	10.961	540221	4.456 ug/ml
12) T Fluoranthene (C21.85)	12.699	737036	4.998 ug/ml
13) T Pyrene (C20.8)	12.997	741606	4.989 ug/ml
14) T Benzo[a]anthracene (C...	14.865	458078	4.126 ug/ml
15) T Chrysene (C27.41)	14.907	526393	4.469 ug/ml
16) T benzo[b]fluoranthene ...	16.414	581870	4.794 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	526148	4.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	494296	4.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	438213	4.496 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	286398	3.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	558015	4.957 ug/ml

(f)=RT Delta > 1/2 Window

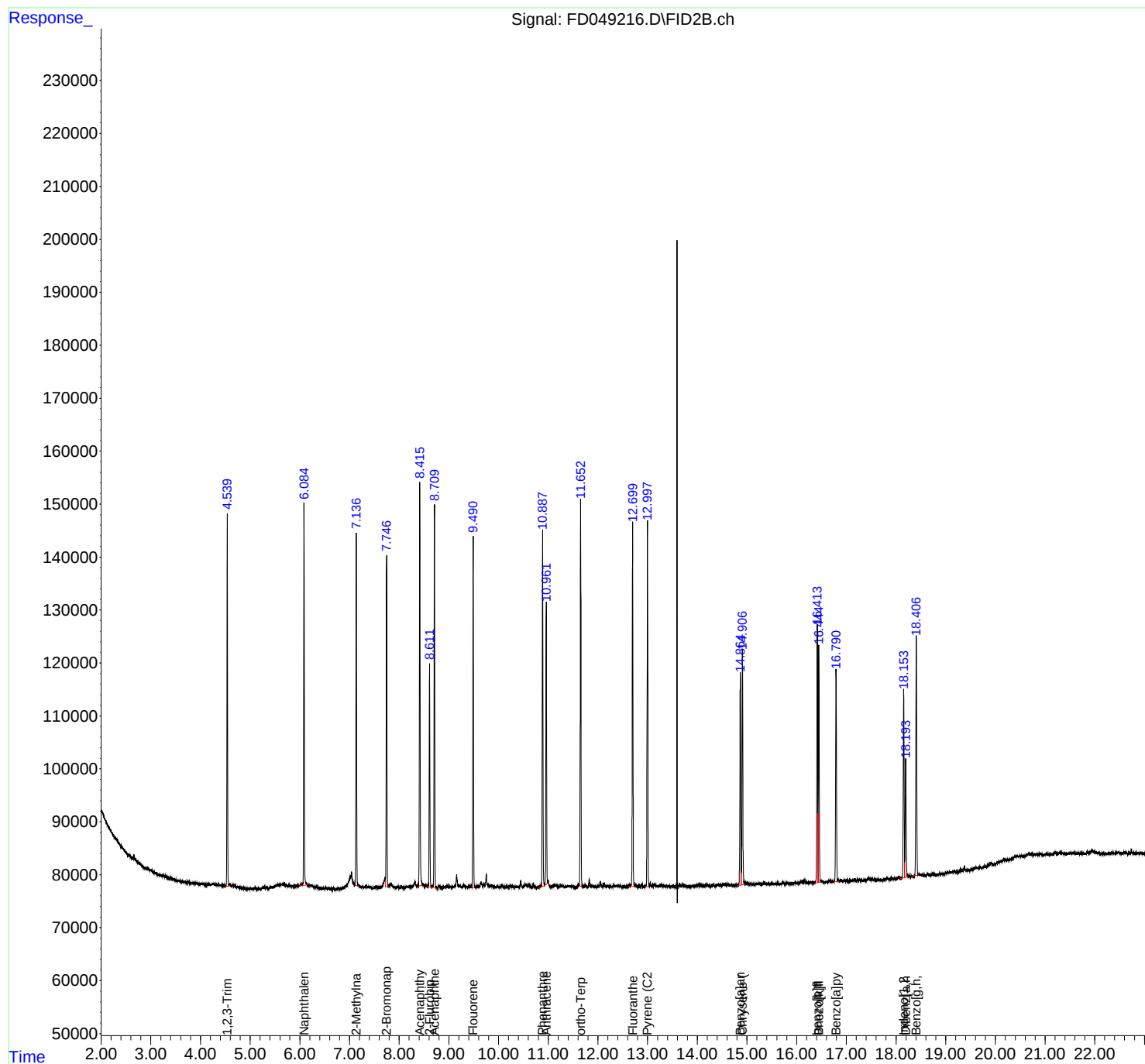
(m)=manual int.

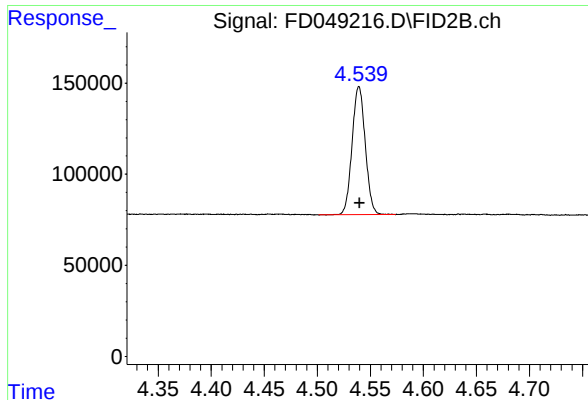
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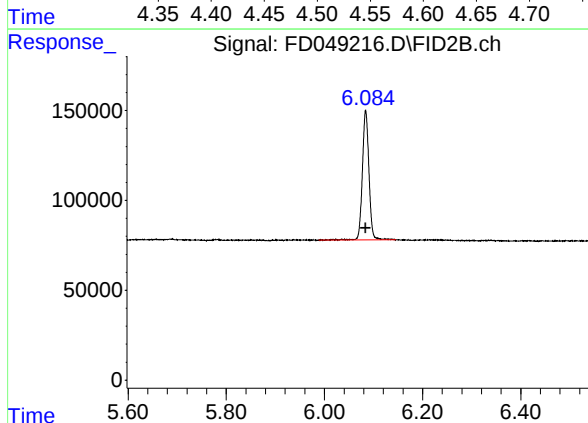




#1 1,2,3-Trimethylbenzene (C10.1)

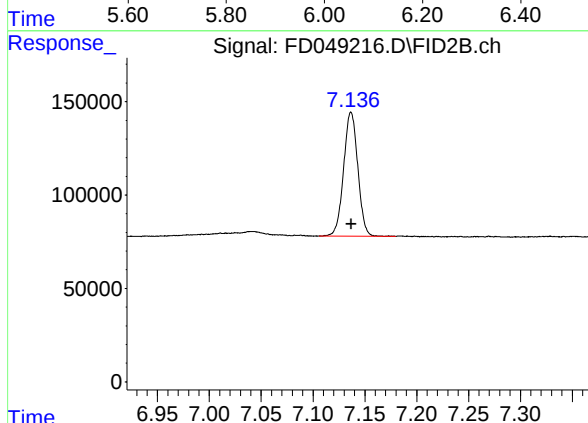
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 607849
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



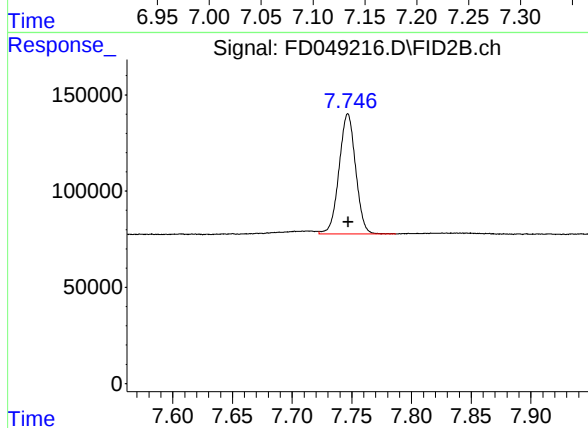
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 673514
Conc: 5.39 ug/ml



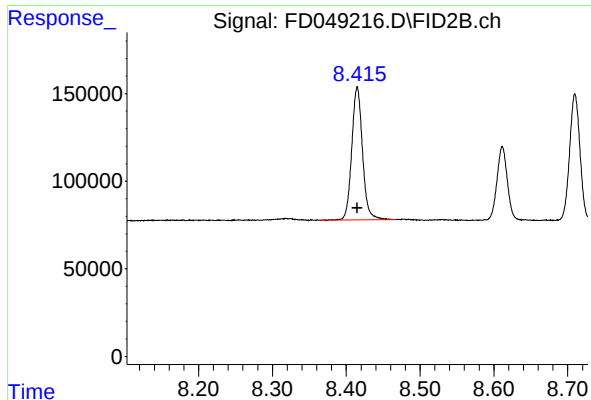
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 635095
Conc: 5.12 ug/ml



#4 2-Bromonaphthalene (SURR)

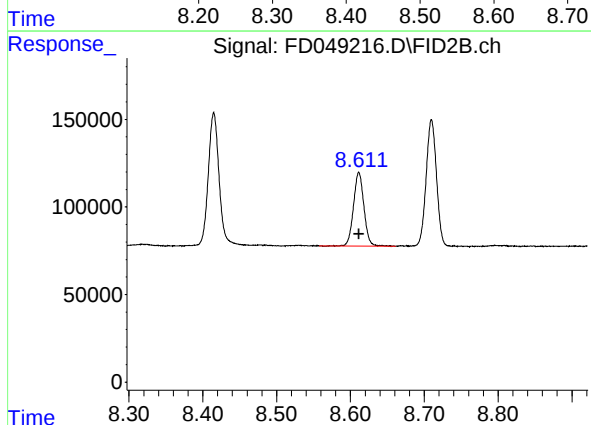
R.T.: 7.746 min
Delta R.T.: 0.000 min
Response: 603515
Conc: 5.17 ug/ml m



#5 Acenaphthylene (C15.06)

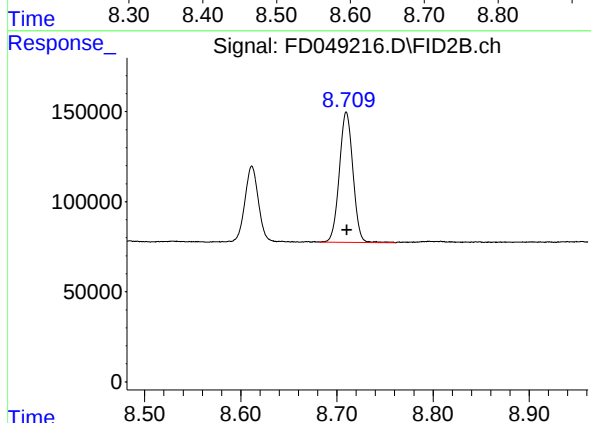
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 768163
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



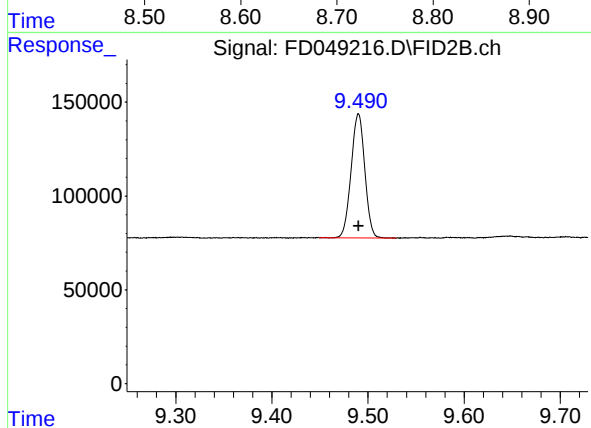
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 413563
Conc: 5.09 ug/ml



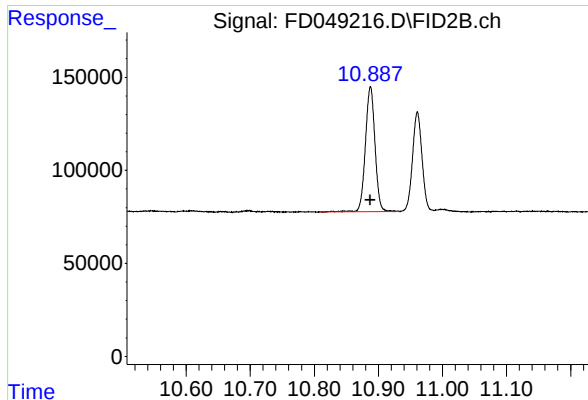
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 708787
Conc: 5.25 ug/ml



#8 Flouorene (C16.55)

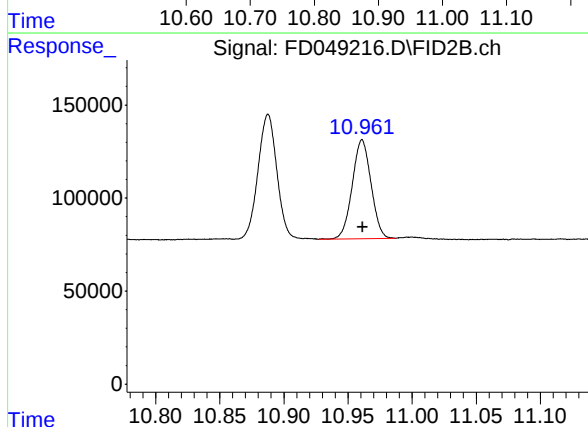
R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 655712
Conc: 4.93 ug/ml



#9 Phenanthrene (C19.36)

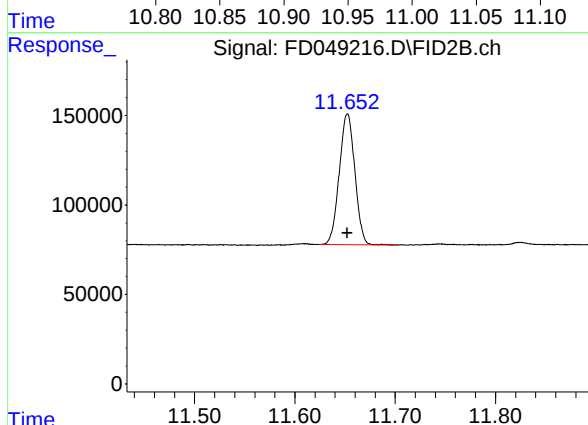
R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 696696
Conc: 4.95 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



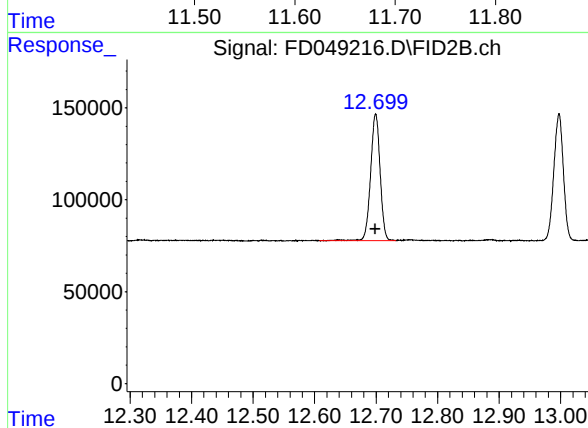
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.000 min
Response: 540221
Conc: 4.46 ug/ml



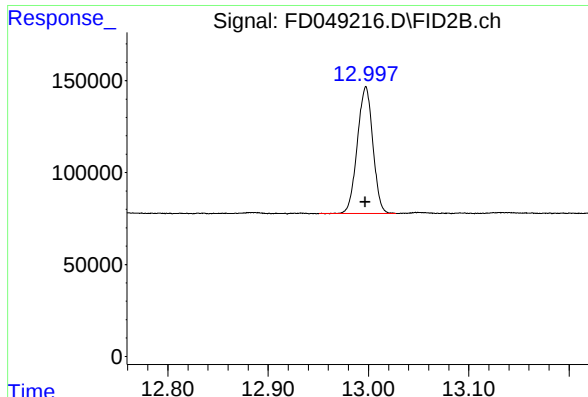
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 788226
Conc: 5.33 ug/ml



#12 Fluoranthene (C21.85)

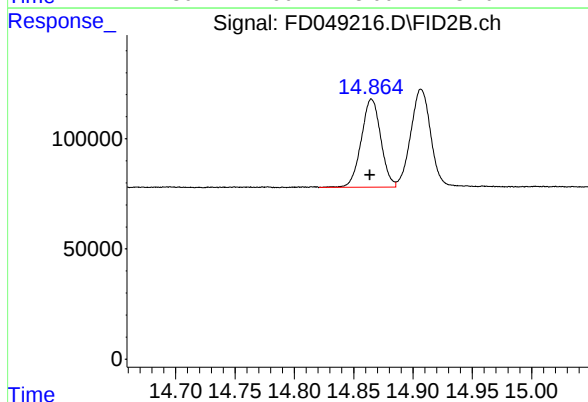
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 737036
Conc: 5.00 ug/ml



#13 Pyrene (C20.8)

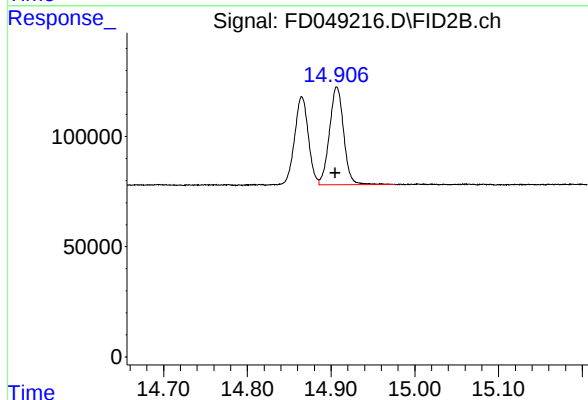
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 741606
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



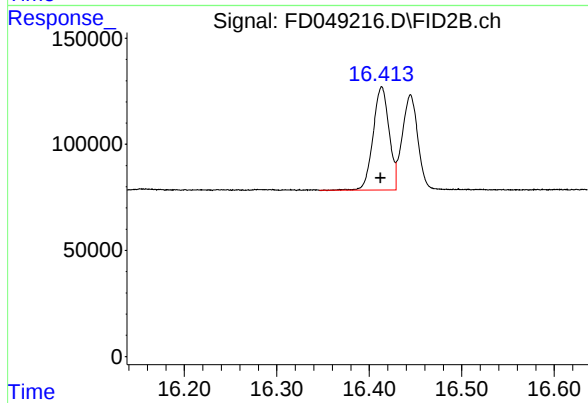
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.001 min
Response: 458078
Conc: 4.13 ug/ml



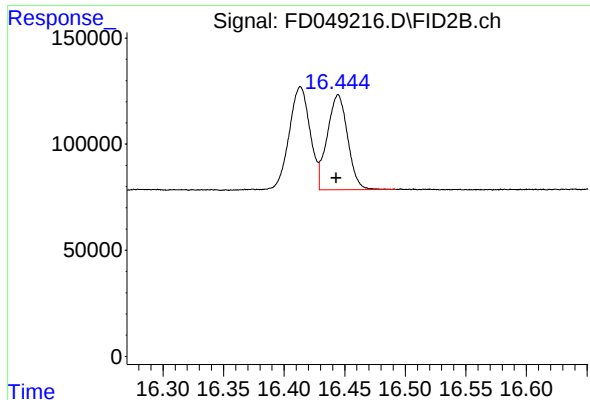
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.002 min
Response: 526393
Conc: 4.47 ug/ml



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

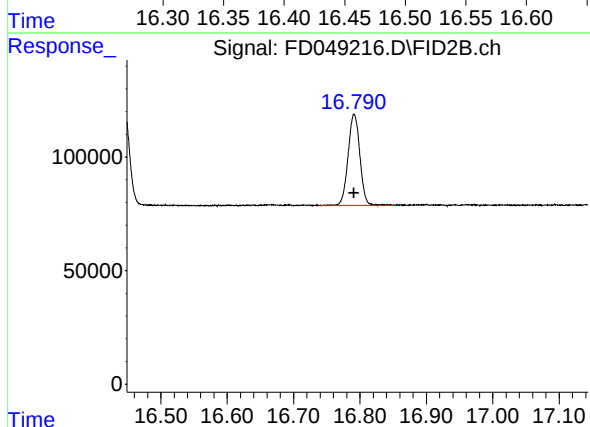
R.T.: 16.414 min
Delta R.T.: 0.001 min
Response: 581870
Conc: 4.79 ug/ml



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

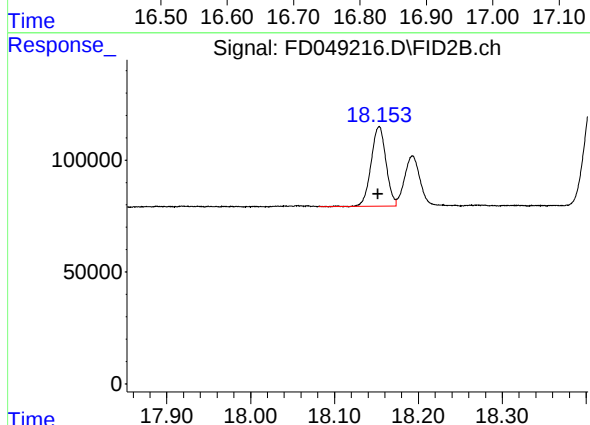
R.T.: 16.445 min
Delta R.T.: 0.002 min
Response: 526148
Conc: 4.58 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



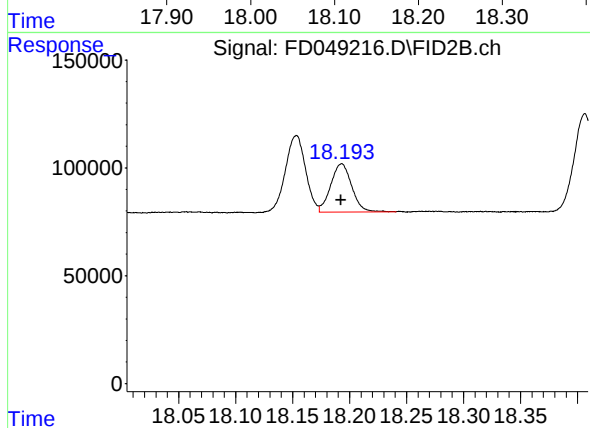
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: 0.000 min
Response: 494296
Conc: 4.59 ug/ml



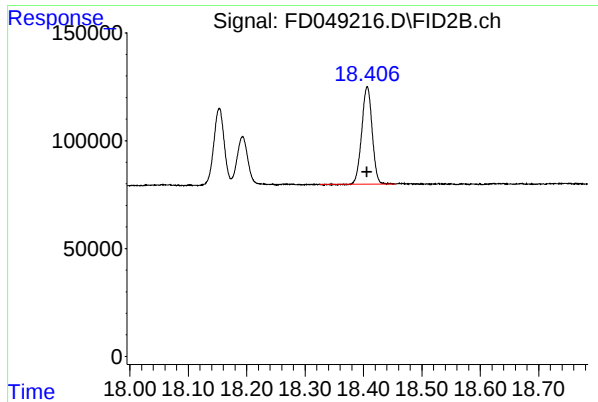
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: 0.002 min
Response: 438213
Conc: 4.50 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 286398
Conc: 3.61 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.000 min
Response: 558015
Conc: 4.96 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5