

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014441.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 14:55
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 20 15:55:15 2024
 Quant Title :
 QLast Update : Tue Aug 20 15:55:53 2024
 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...	7.882	479631	3.978 ug/ml
Spiked Amount 50.000		Recovery =	7.96%
6) S 2-Fluorobiphenyl (SURR)	8.761	233049	3.191 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.38%
11) S ortho-Terphenyl (SURR)	11.806	710832	4.603 ug/ml
Spiked Amount 50.000		Recovery =	9.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	635225	4.447 ug/ml
2) T Naphthalene (C11.7)	6.157	572683	3.997 ug/ml
3) T 2-Methylnaphthalene (...)	7.253	575430	4.000 ug/ml
5) T Acenaphthylene (C15.06)	8.548	620763	4.305 ug/ml
7) T Acenaphthene (C15.5)	8.844	697493	4.564 ug/ml
8) T Fluorene (C16.55)	9.640	575597	4.114 ug/ml
9) T Phenanthrene (C19.36)	11.041	539688	3.918 ug/ml
10) T Anthracene (C19.43)	11.120	633874	4.442 ug/ml
12) T Fluoranthene (C21.85)	12.860	628335	4.247 ug/ml
13) T Pyrene (C20.8)	13.153	666744	4.479 ug/ml
14) T Benzo[a]anthracene (C...	15.041	380667	3.129 ug/mlm
15) T Chrysene (C27.41)	15.081	862123	5.190 ug/ml
16) T benzo[b]fluoranthene ...	16.597	415978	3.245 ug/ml
17) T Bnezo[k]fluoranthene ...	16.629	804198	5.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.985	583435	4.282 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.371	282088	3.029 ug/mlm
20) T Dibenz[a,h]anthracene...	18.419	627216	4.248 ug/ml
21) T Benzo[g,h,i]perylene ...	18.602	576849	4.386 ug/ml

(f)=RT Delta > 1/2 Window

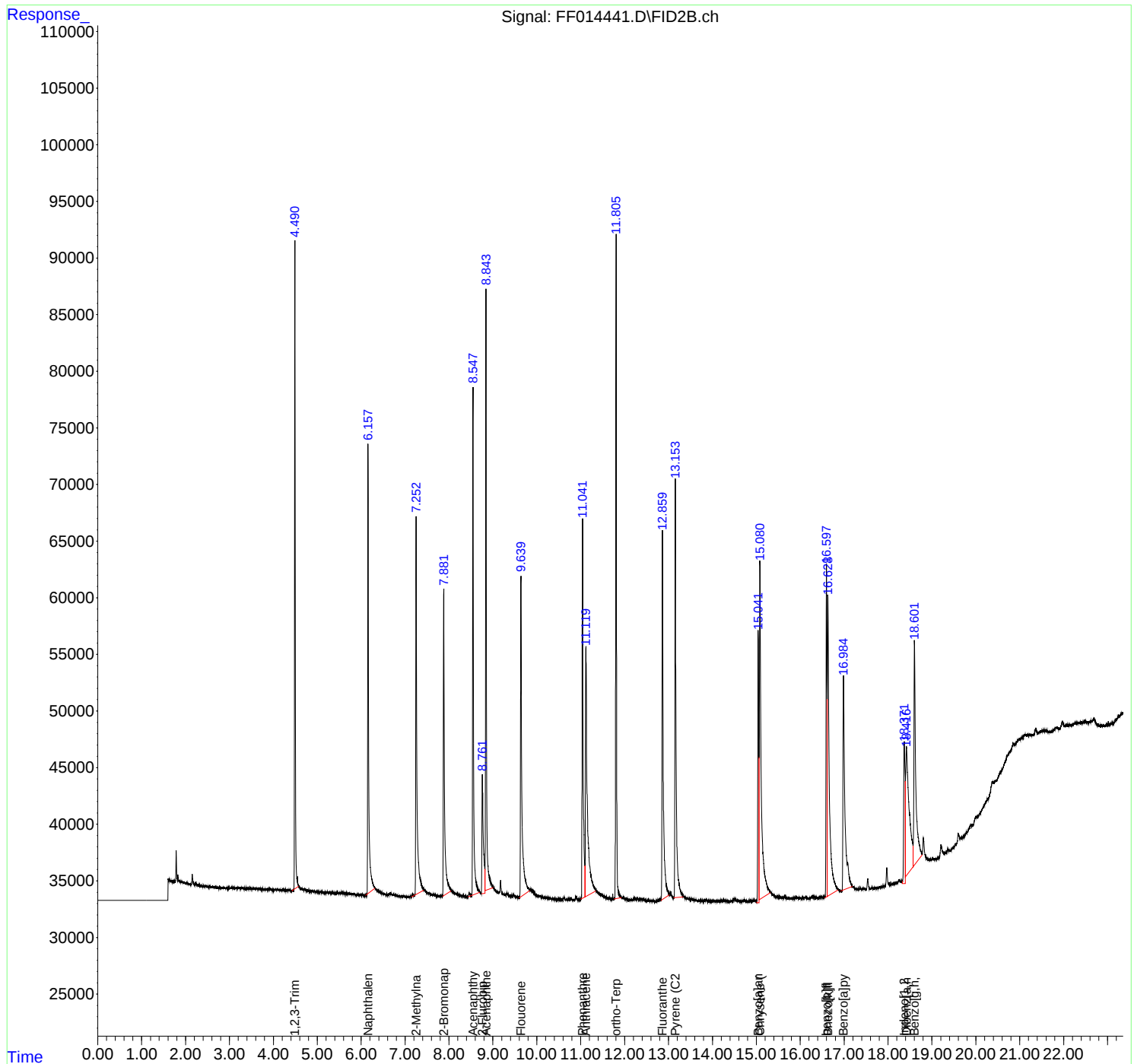
(m)=manual int.

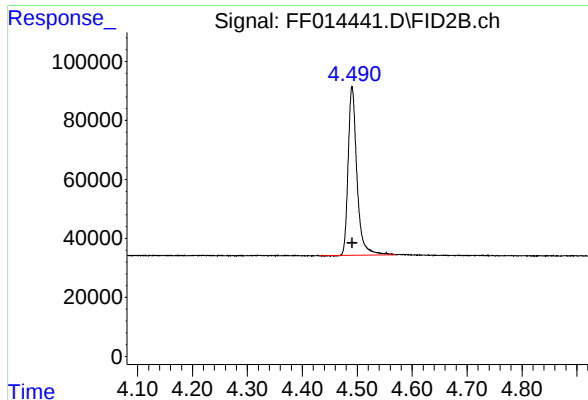
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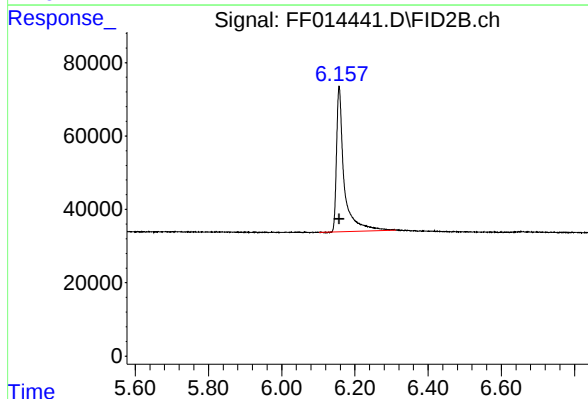




#1 1,2,3-Trimethylbenzene (C10.1)

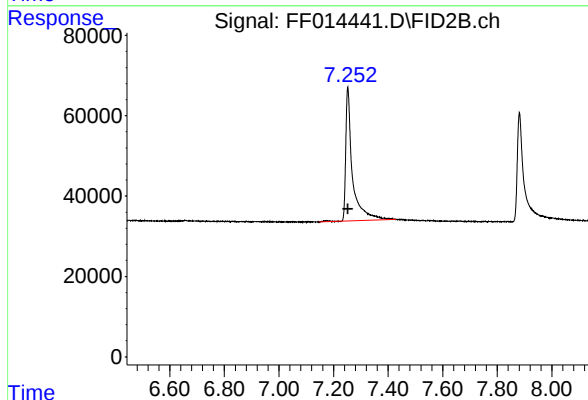
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 635225
Conc: 4.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



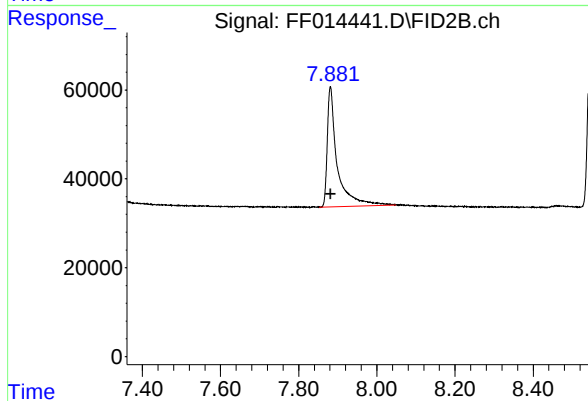
#2 Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 572683
Conc: 4.00 ug/ml



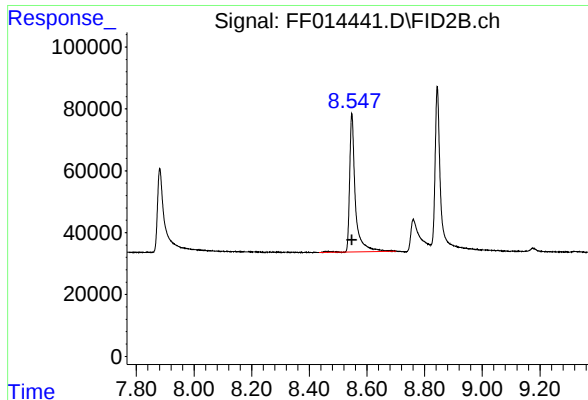
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 575430
Conc: 4.00 ug/ml



#4 2-Bromonaphthalene (SURR)

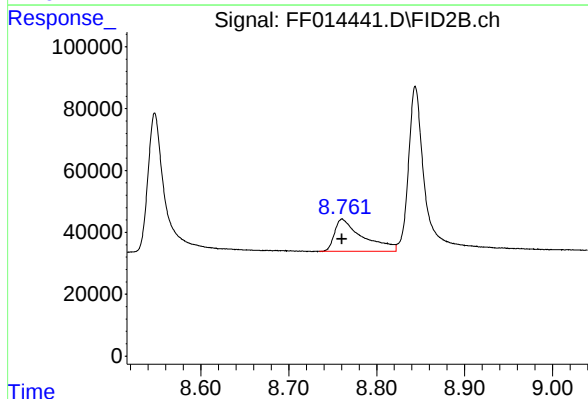
R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 479631
Conc: 3.98 ug/ml



#5 Acenaphthylene (C15.06)

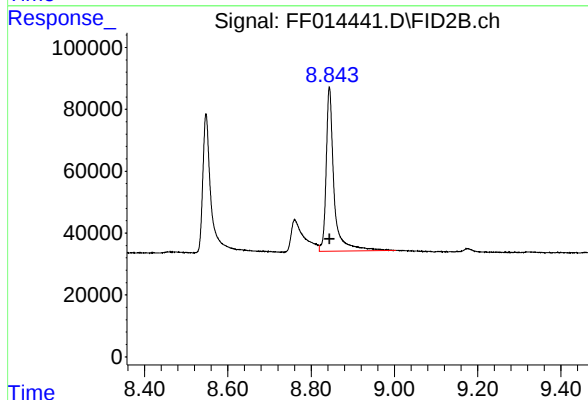
R.T.: 8.548 min
Delta R.T.: 0.000 min
Response: 620763
Conc: 4.30 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



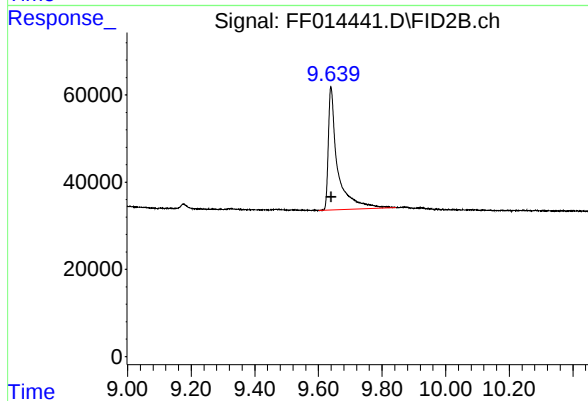
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 233049
Conc: 3.19 ug/ml m



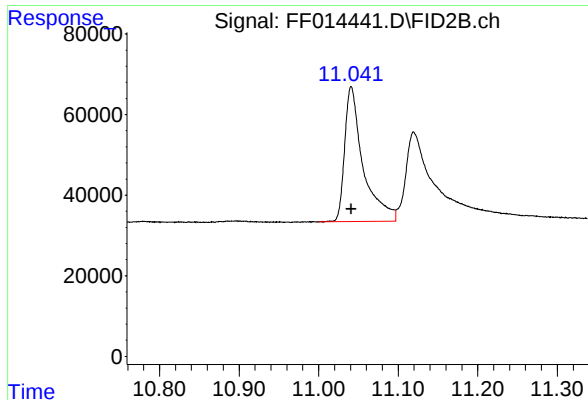
#7 Acenaphthene (C15.5)

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 697493
Conc: 4.56 ug/ml



#8 Fluorene (C16.55)

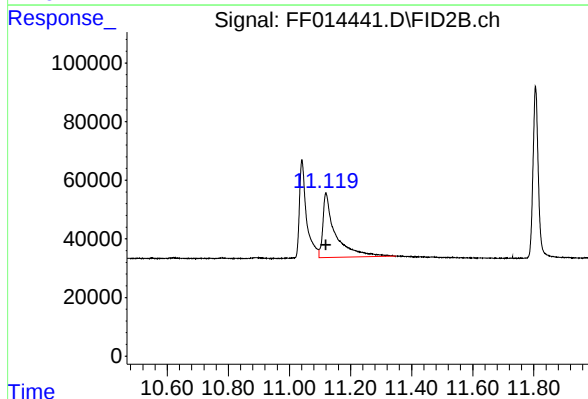
R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 575597
Conc: 4.11 ug/ml



#9 Phenanthrene (C19.36)

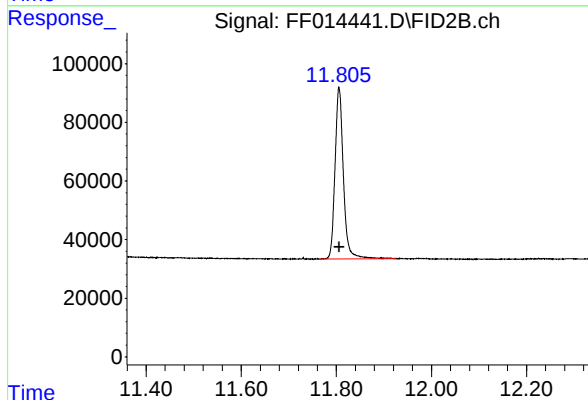
R.T.: 11.041 min
Delta R.T.: 0.000 min
Response: 539688
Conc: 3.92 ug/ml

Instrument :
FID_F
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5 PPM AROMATIC HC STD5



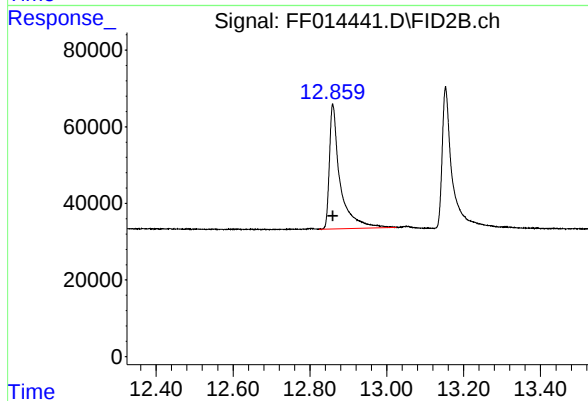
#10 Anthracene (C19.43)

R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 633874
Conc: 4.44 ug/ml



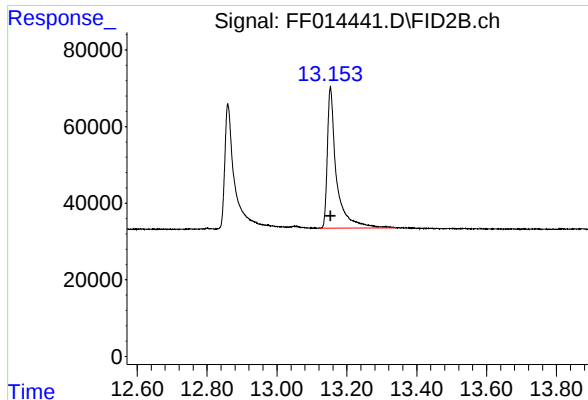
#11 ortho-Terphenyl (SURR)

R.T.: 11.806 min
Delta R.T.: 0.000 min
Response: 710832
Conc: 4.60 ug/ml



#12 Fluoranthene (C21.85)

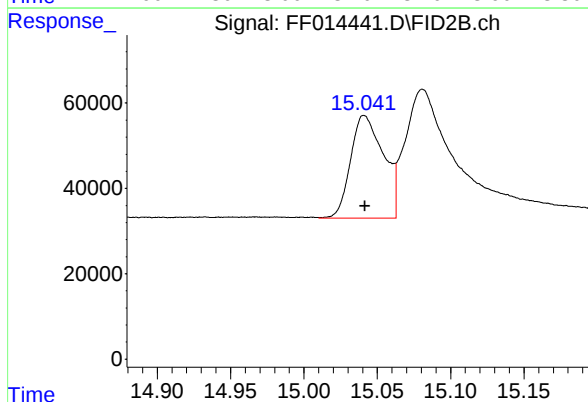
R.T.: 12.860 min
Delta R.T.: 0.000 min
Response: 628335
Conc: 4.25 ug/ml



#13 Pyrene (C20.8)

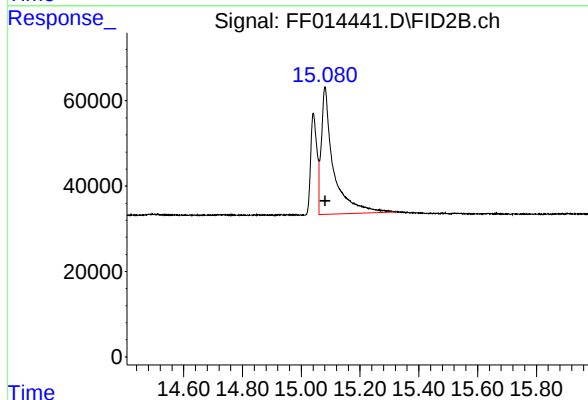
R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 666744
Conc: 4.48 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



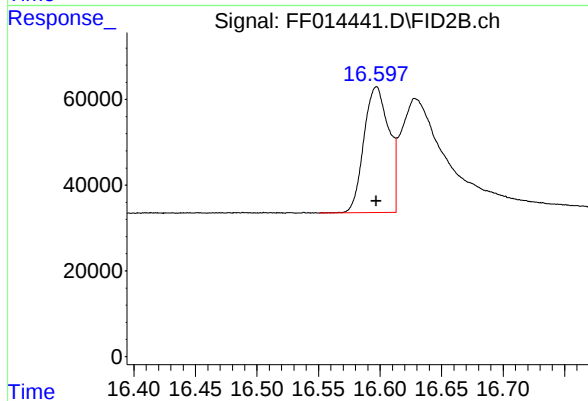
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.041 min
Delta R.T.: 0.000 min
Response: 380667
Conc: 3.13 ug/ml m



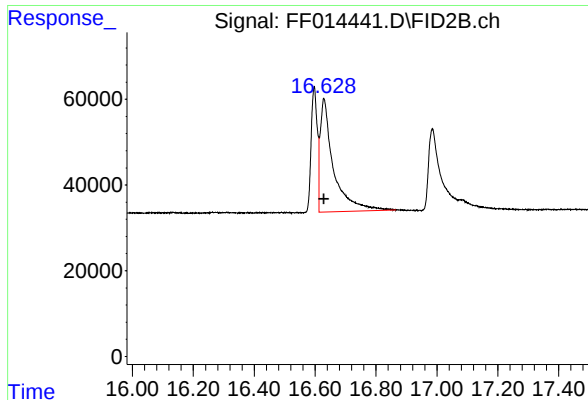
#15 Chrysene (C27.41)

R.T.: 15.081 min
Delta R.T.: 0.000 min
Response: 862123
Conc: 5.19 ug/ml



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

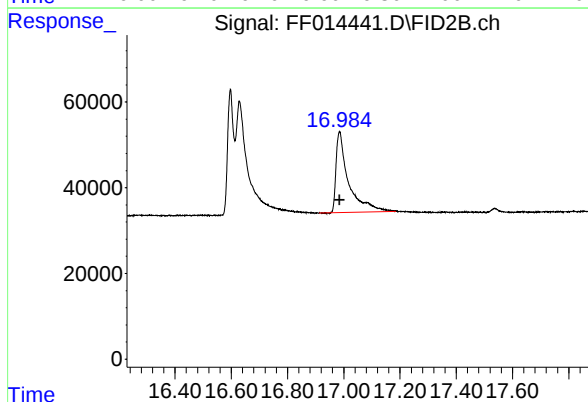
R.T.: 16.597 min
Delta R.T.: 0.000 min
Response: 415978
Conc: 3.24 ug/ml



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

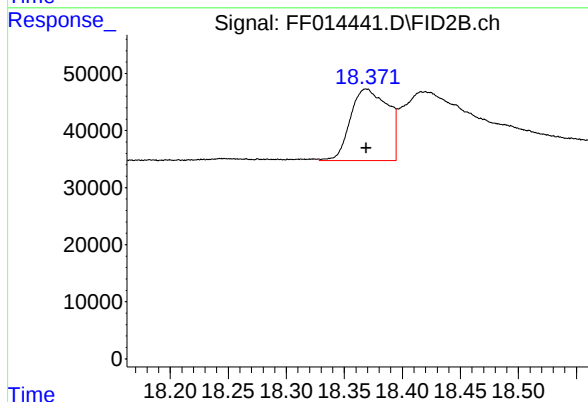
R.T.: 16.629 min
Delta R.T.: 0.000 min
Response: 804198
Conc: 5.21 ug/ml

Instrument :
FID_F
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5 PPM AROMATIC HC STD5



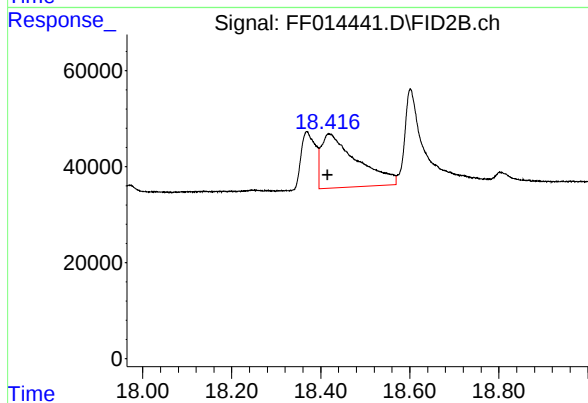
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.985 min
Delta R.T.: 0.000 min
Response: 583435
Conc: 4.28 ug/ml



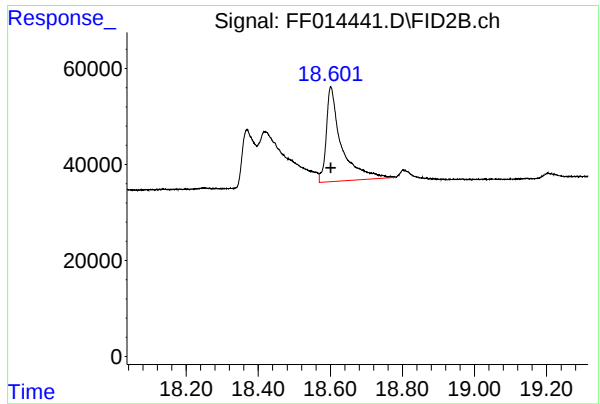
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.371 min
Delta R.T.: 0.002 min
Response: 282088
Conc: 3.03 ug/ml m



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

R.T.: 18.419 min
Delta R.T.: 0.003 min
Response: 627216
Conc: 4.25 ug/ml



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

R.T.: 18.602 min
Delta R.T.: 0.000 min
Response: 576849
Conc: 4.39 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5