

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049543.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 12:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 13:17:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.733	2782715	21.269 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
6) S 2-Fluorobiphenyl (SURR)	8.598	1966976	21.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.45%
11) S ortho-Terphenyl (SURR)	11.642	3466684	21.143 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.527	2738664	21.199 ug/ml
2) T Naphthalene (C11.7)	6.071	3118656	21.308 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	3230552	21.273 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3372659	21.247 ug/ml
7) T Acenaphthene (C15.5)	8.698	3363808	21.246 ug/ml
8) T Flouorene (C16.55)	9.478	3388760	21.214 ug/ml
9) T Phenanthrene (C19.36)	10.876	3471797	21.195 ug/ml
10) T Anthracene (C19.43)	10.951	3361485	21.103 ug/ml
12) T Fluoranthene (C21.85)	12.690	3446070	21.201 ug/ml
13) T Pyrene (C20.8)	12.988	3439374	21.193 ug/ml
14) T Benzo[a]anthracene (C...	14.858	3117998	21.290 ug/ml
15) T Chrysene (C27.41)	14.900	3158262	21.221 ug/ml
16) T benzo[b]fluoranthene ...	16.408	3016295	21.288 ug/ml
17) T Bnezo[k]fluoranthene ...	16.441	2837900	21.228 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	2923398	21.233 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	2637416	21.058 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	2788714	21.168 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	2814550	21.267 ug/ml

(f)=RT Delta > 1/2 Window

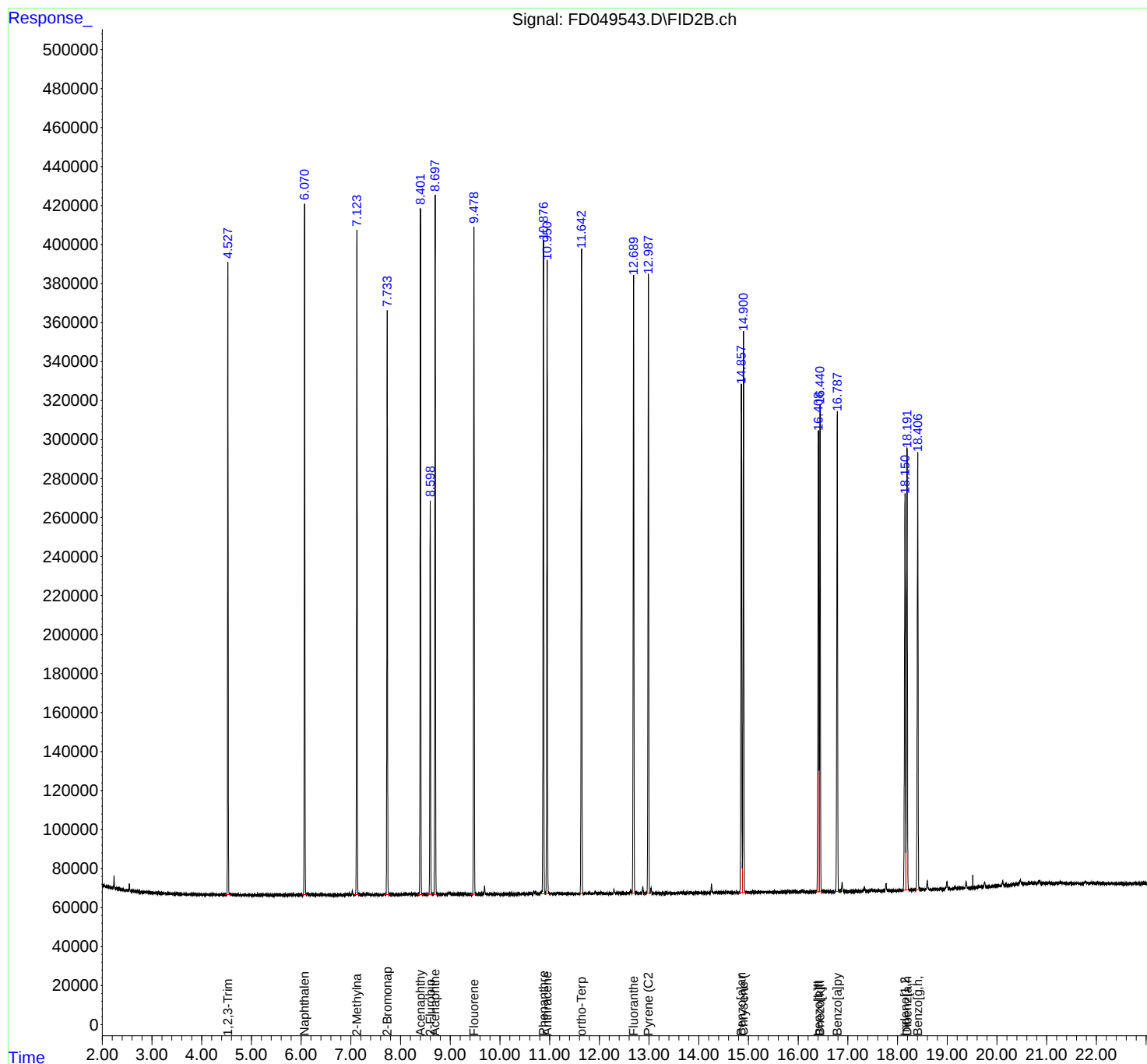
(m)=manual int.

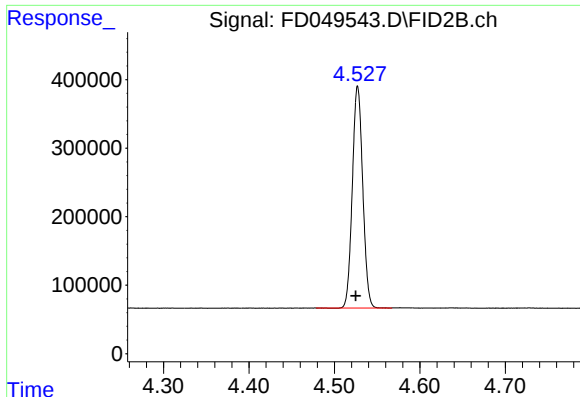
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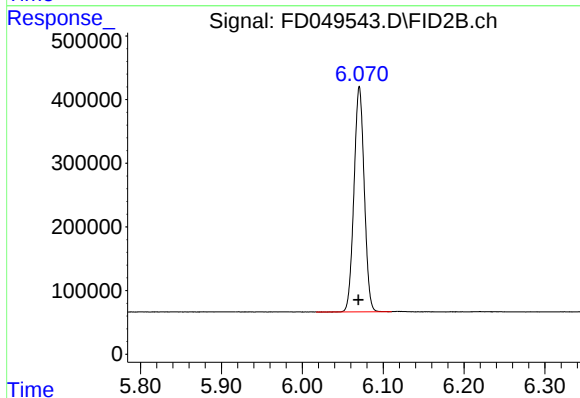




#1 1,2,3-Trimethylbenzene (C10.1)

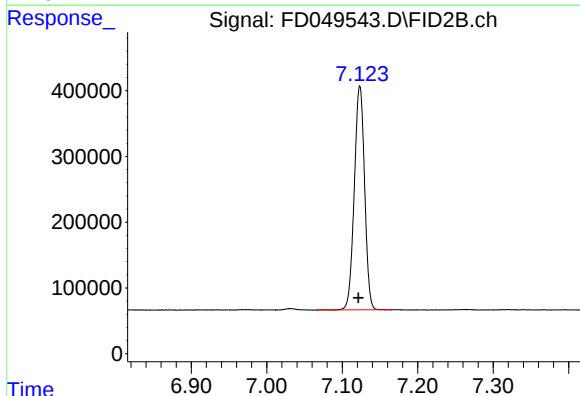
R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 2738664
Conc: 21.20 ug/ml

Instrument :
FID_D
ClientSampleId :



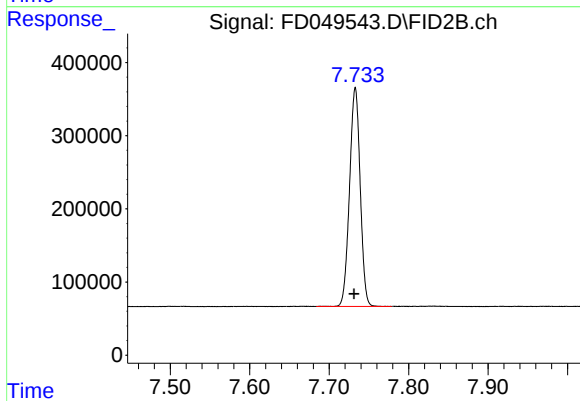
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 3118656
Conc: 21.31 ug/ml



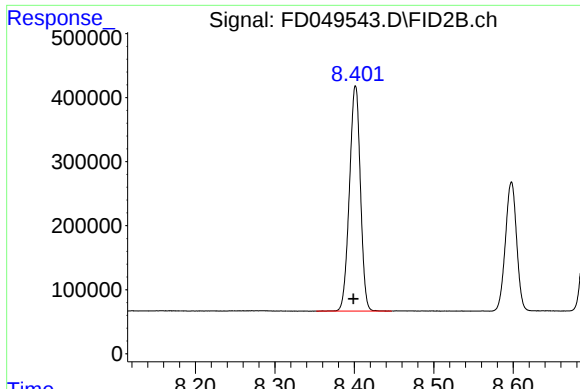
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.002 min
Response: 3230552
Conc: 21.27 ug/ml



#4 2-Bromonaphthalene (SURR)

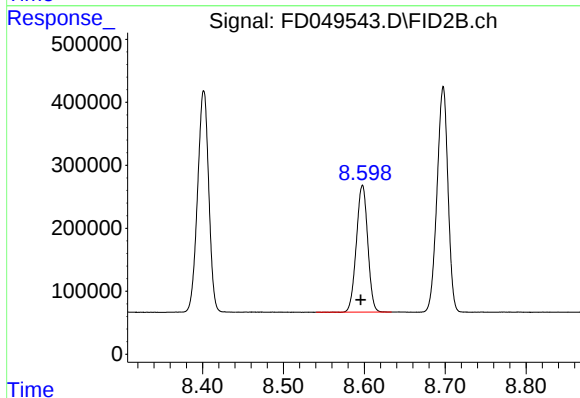
R.T.: 7.733 min
Delta R.T.: 0.002 min
Response: 2782715
Conc: 21.27 ug/ml



#5 Acenaphthylene (C15.06)

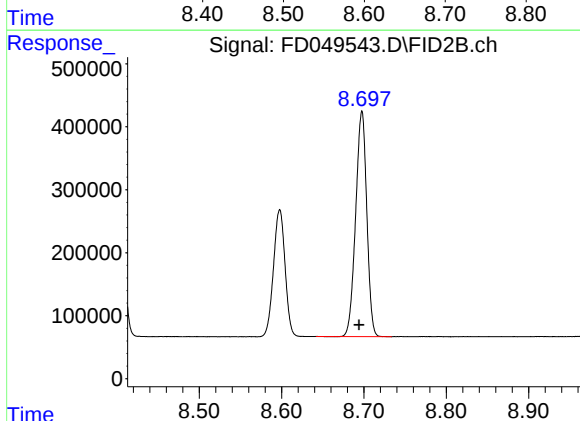
R.T.: 8.402 min
Delta R.T.: 0.003 min
Response: 3372659
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



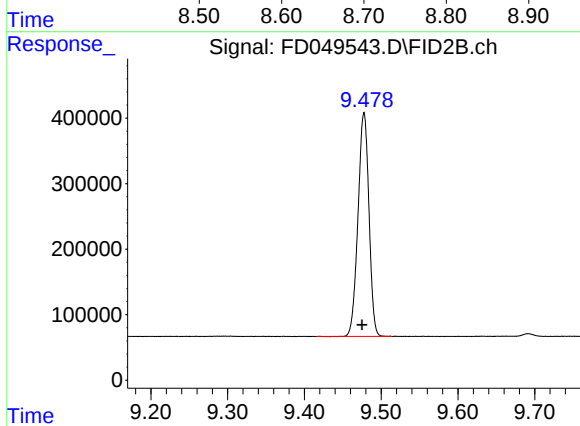
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 1966976
Conc: 21.23 ug/ml



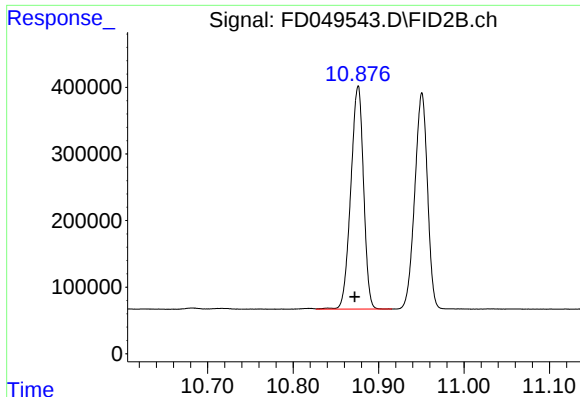
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.003 min
Response: 3363808
Conc: 21.25 ug/ml



#8 Flouorene (C16.55)

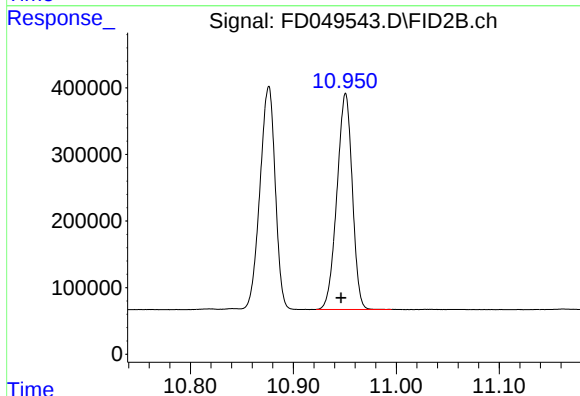
R.T.: 9.478 min
Delta R.T.: 0.003 min
Response: 3388760
Conc: 21.21 ug/ml



#9 Phenanthrene (C19.36)

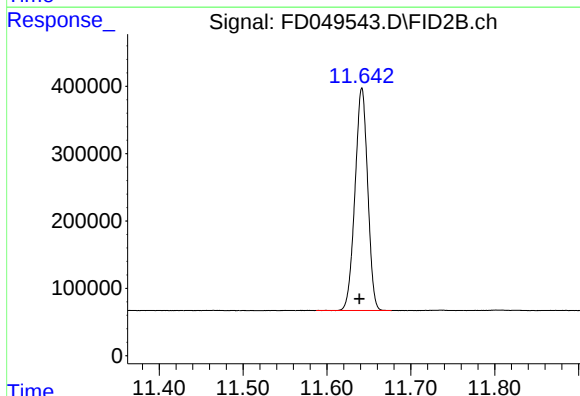
R.T.: 10.876 min
Delta R.T.: 0.004 min
Response: 3471797
Conc: 21.19 ug/ml

Instrument :
FID_D
ClientSampleId :



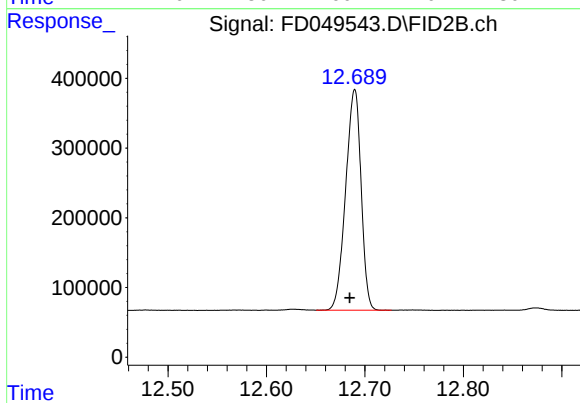
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.004 min
Response: 3361485
Conc: 21.10 ug/ml



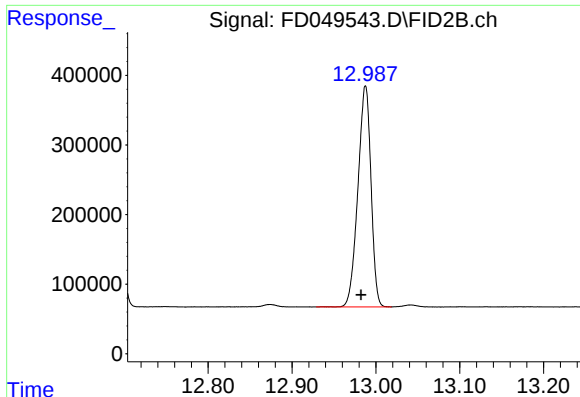
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: 0.003 min
Response: 3466684
Conc: 21.14 ug/ml



#12 Fluoranthene (C21.85)

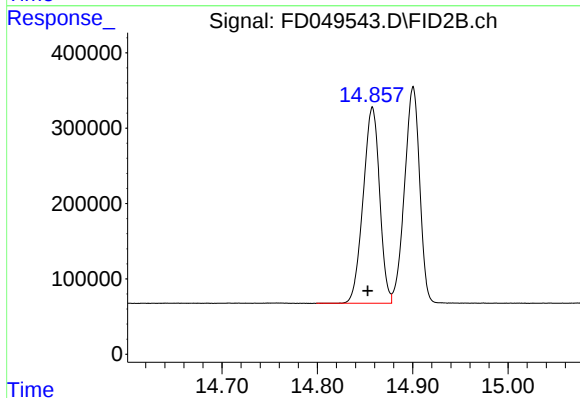
R.T.: 12.690 min
Delta R.T.: 0.005 min
Response: 3446070
Conc: 21.20 ug/ml



#13 Pyrene (C20.8)

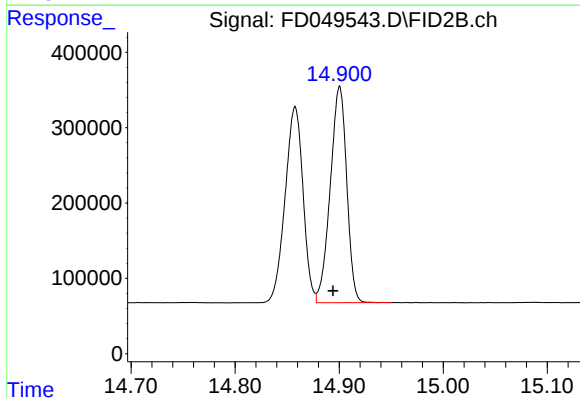
R.T.: 12.988 min
Delta R.T.: 0.005 min
Response: 3439374
Conc: 21.19 ug/ml

Instrument :
FID_D
ClientSampleId :



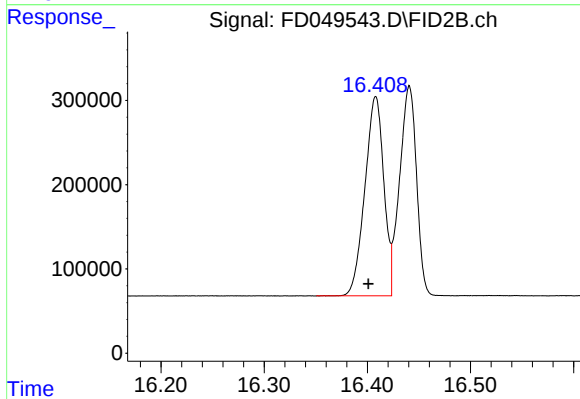
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.005 min
Response: 3117998
Conc: 21.29 ug/ml



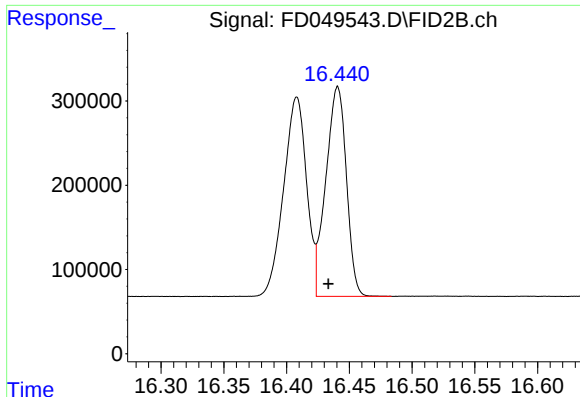
#15 Chrysene (C27.41)

R.T.: 14.900 min
Delta R.T.: 0.006 min
Response: 3158262
Conc: 21.22 ug/ml



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

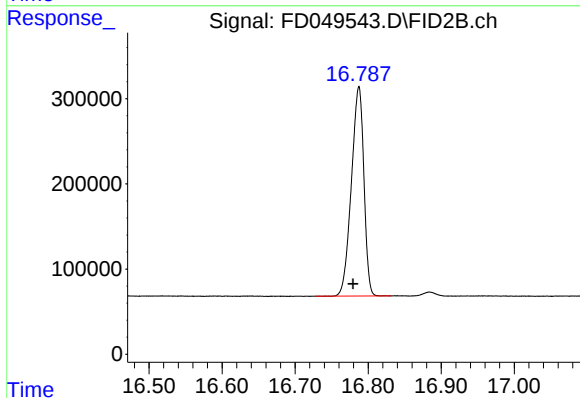
R.T.: 16.408 min
Delta R.T.: 0.007 min
Response: 3016295
Conc: 21.29 ug/ml



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

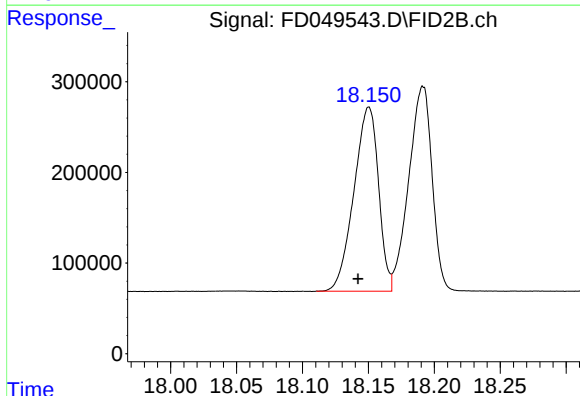
R.T.: 16.441 min
Delta R.T.: 0.008 min
Response: 2837900
Conc: 21.23 ug/ml

Instrument :
FID_D
ClientSampleId :



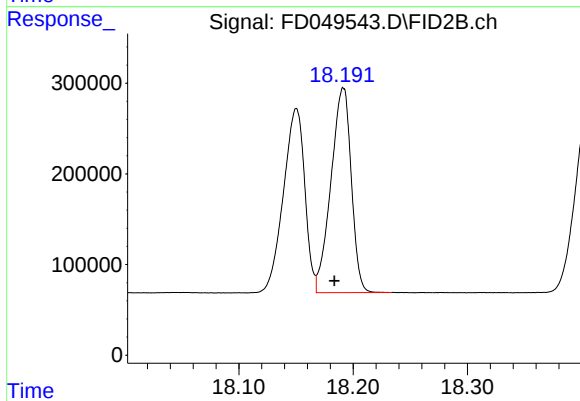
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: 0.008 min
Response: 2923398
Conc: 21.23 ug/ml



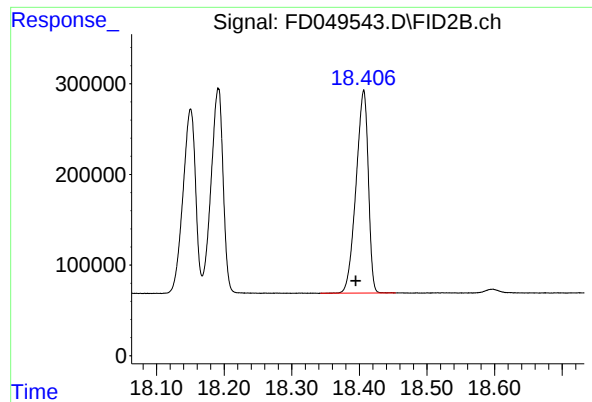
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.008 min
Response: 2637416
Conc: 21.06 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.008 min
Response: 2788714
Conc: 21.17 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.012 min
Response: 2814550
Conc: 21.27 ug/ml

Instrument :

FID_D

ClientSampleId :