

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061325AR\
 Data File : FD049489.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 13:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 21:21:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.731	3131407	18.837 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
6) S 2-Fluorobiphenyl (SURR)	8.597	2156627	18.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.70%
11) S ortho-Terphenyl (SURR)	11.641	3565530	17.764 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.523	3204234	20.139 ug/ml
2) T Naphthalene (C11.7)	6.068	3462844	19.722 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	3432692	19.215 ug/ml
5) T Acenaphthylene (C15.06)	8.400	3626398	18.721 ug/ml
7) T Acenaphthene (C15.5)	8.696	3544491	18.634 ug/ml
8) T Flouorene (C16.55)	9.477	3607525	18.451 ug/ml
9) T Phenanthrene (C19.36)	10.876	3500915	18.412 ug/ml
10) T Anthracene (C19.43)	10.950	3086776	17.657 ug/ml
12) T Fluoranthene (C21.85)	12.689	3448276	19.117 ug/ml
13) T Pyrene (C20.8)	12.987	3439242	19.269 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3097138	20.378 ug/ml
15) T Chrysene (C27.41)	14.902	3123376	20.568 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3104218	21.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	3059984	21.324 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2925570	21.525 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2805123	21.961 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	3084606	22.913 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2991615	22.195 ug/ml

(f)=RT Delta > 1/2 Window

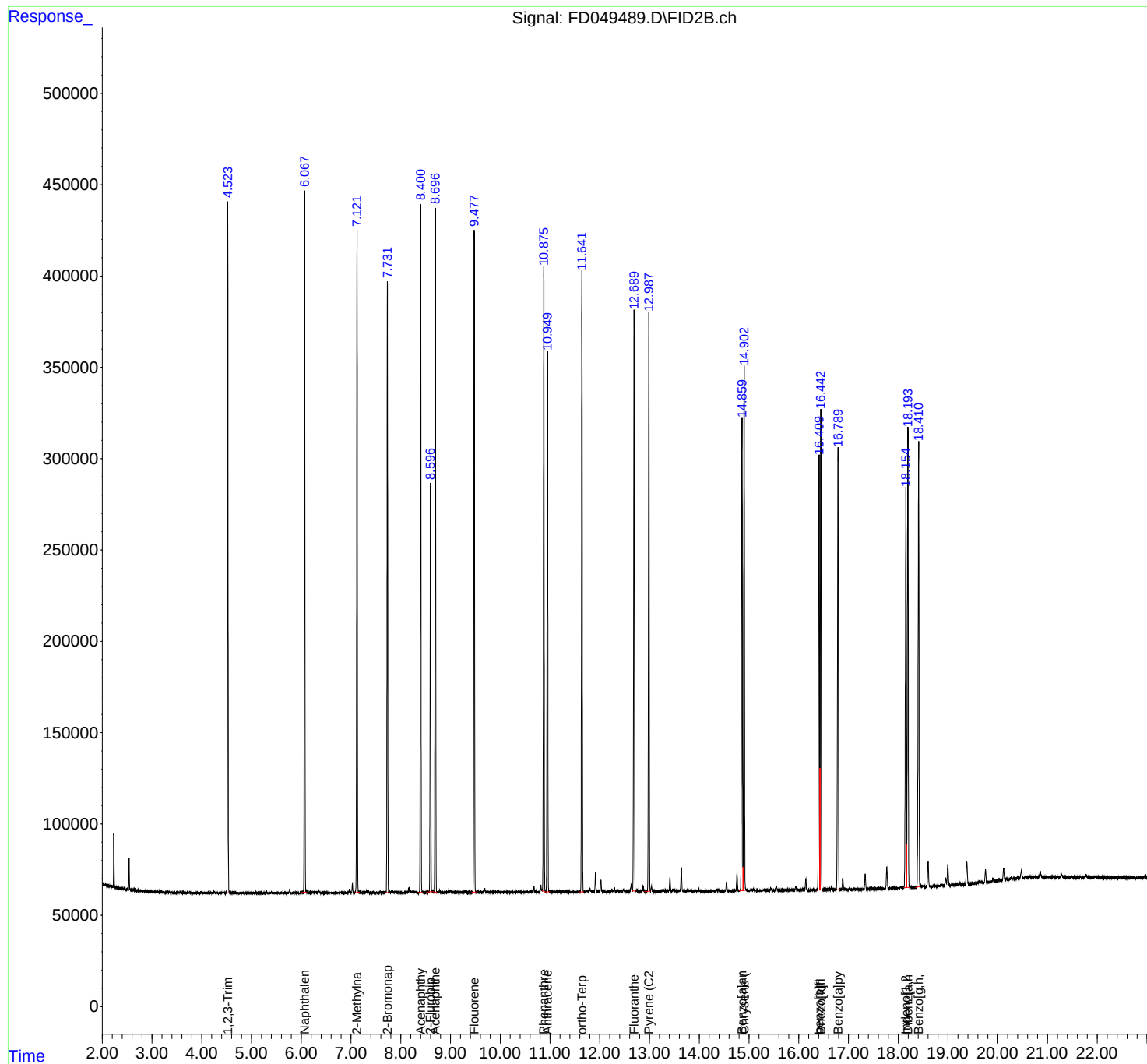
(m)=manual int.

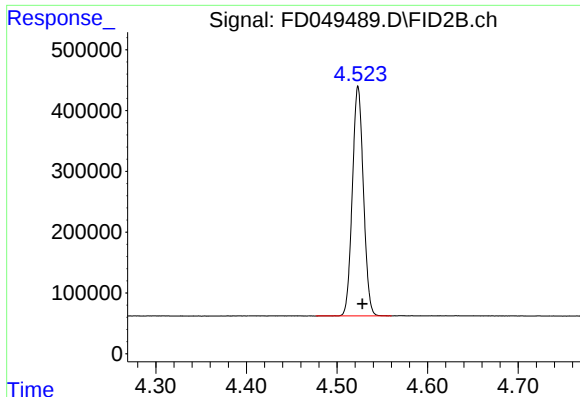
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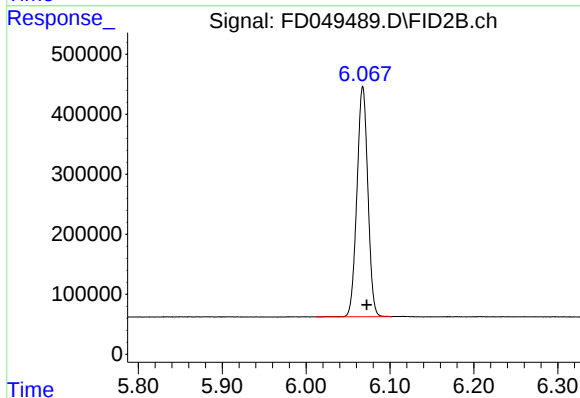




#1 1,2,3-Trimethylbenzene (C10.1)

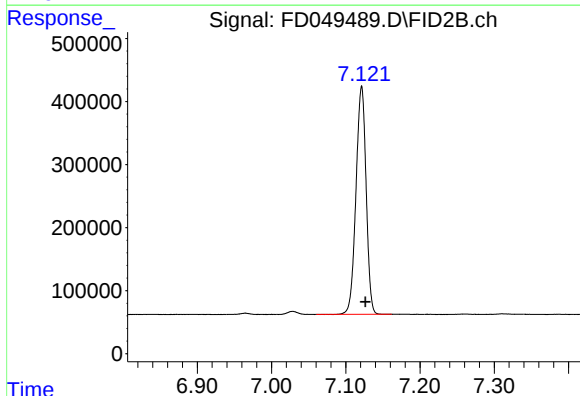
R.T.: 4.523 min
Delta R.T.: -0.005 min
Response: 3204234
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



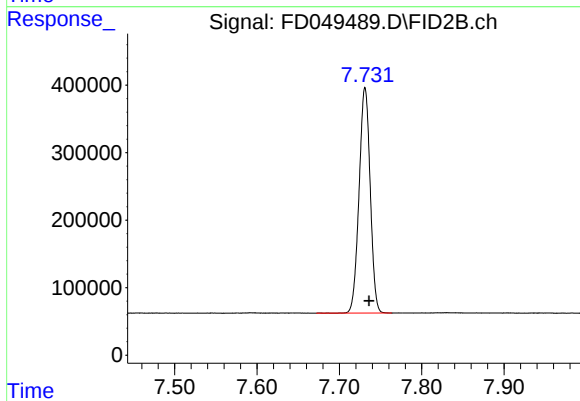
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3462844
Conc: 19.72 ug/ml



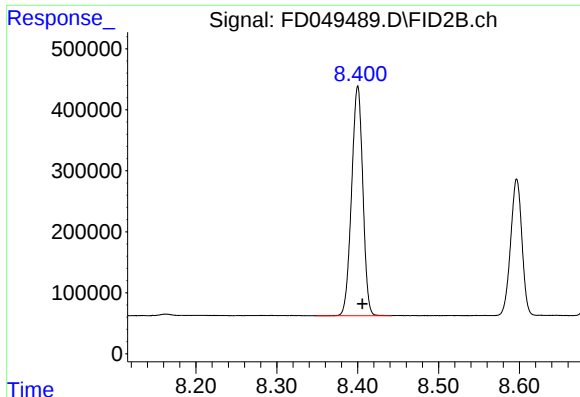
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 3432692
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

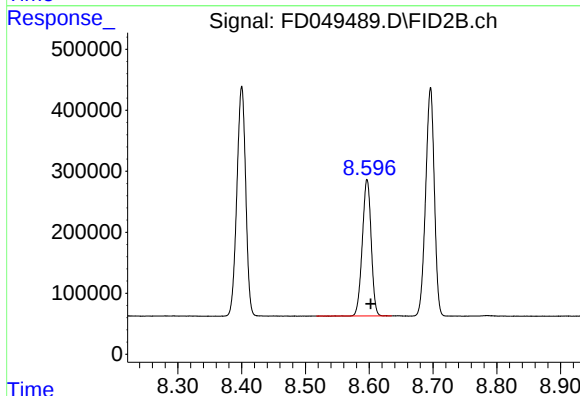
R.T.: 7.731 min
Delta R.T.: -0.005 min
Response: 3131407
Conc: 18.84 ug/ml



#5 Acenaphthylene (C15.06)

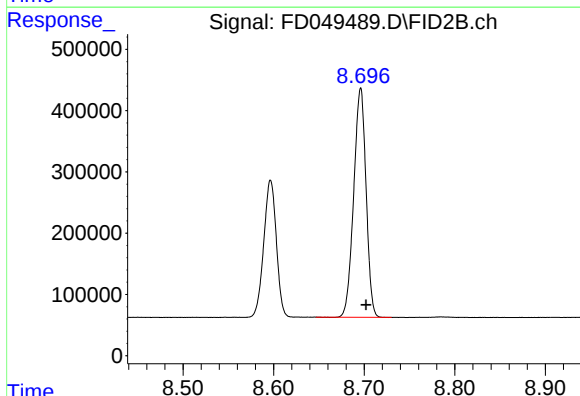
R.T.: 8.400 min
Delta R.T.: -0.006 min
Response: 3626398
Conc: 18.72 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



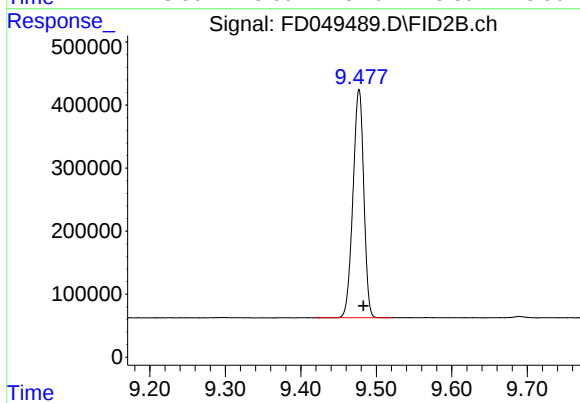
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.006 min
Response: 2156627
Conc: 18.85 ug/ml



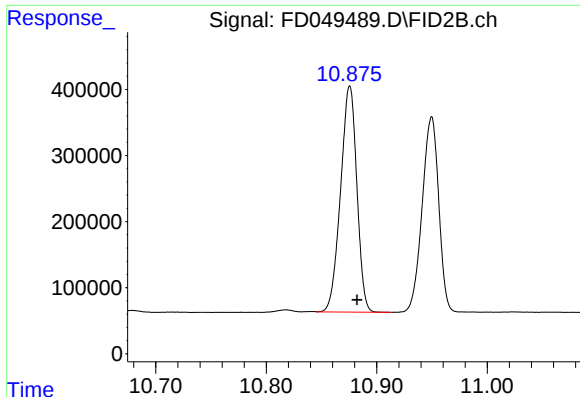
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 3544491
Conc: 18.63 ug/ml



#8 Fluorene (C16.55)

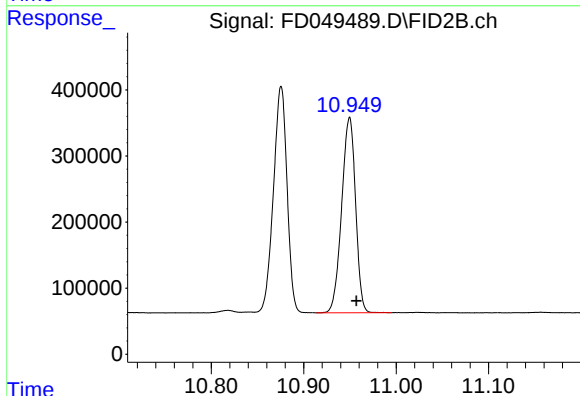
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3607525
Conc: 18.45 ug/ml



#9 Phenanthrene (C19.36)

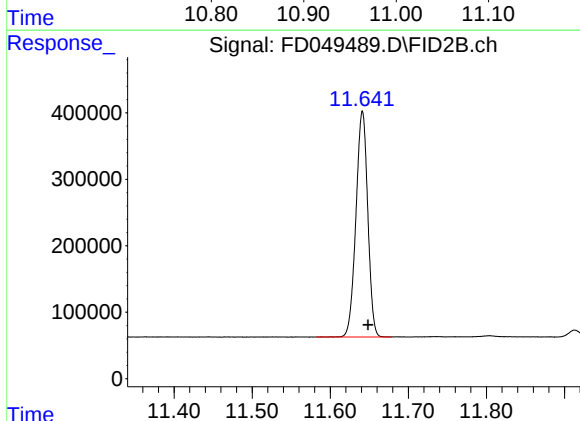
R.T.: 10.876 min
Delta R.T.: -0.007 min
Response: 3500915
Conc: 18.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



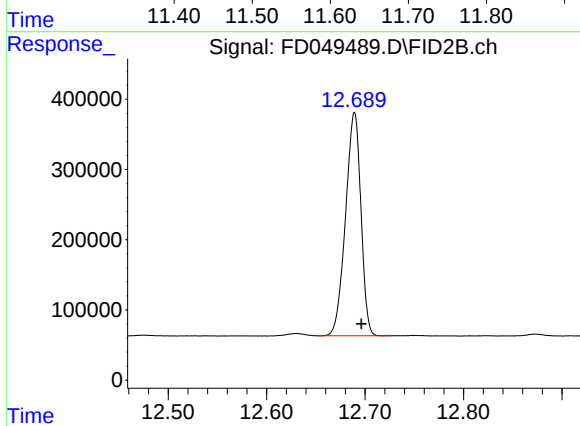
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3086776
Conc: 17.66 ug/ml



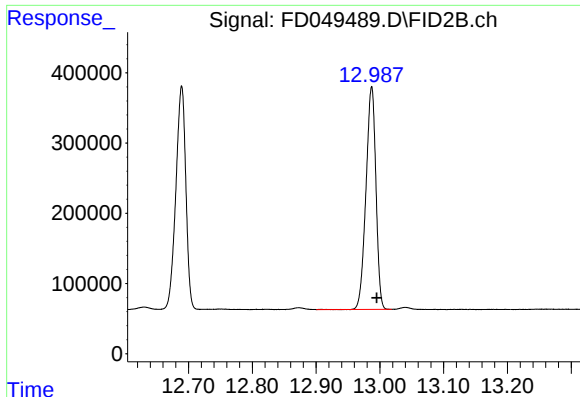
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.007 min
Response: 3565530
Conc: 17.76 ug/ml



#12 Fluoranthene (C21.85)

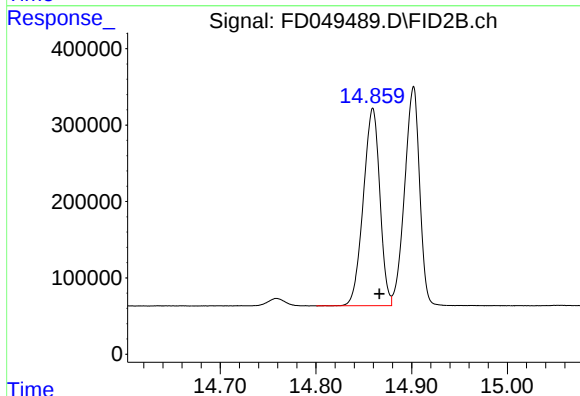
R.T.: 12.689 min
Delta R.T.: -0.007 min
Response: 3448276
Conc: 19.12 ug/ml



#13 Pyrene (C20.8)

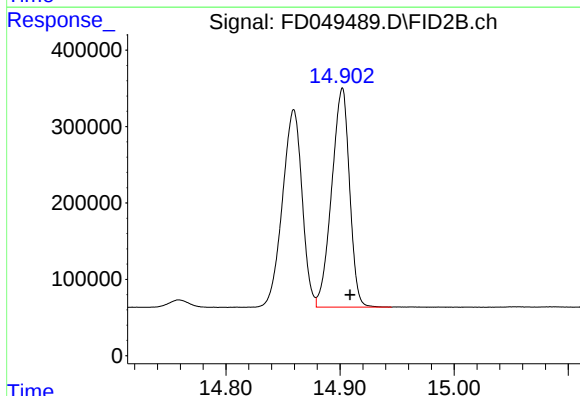
R.T.: 12.987 min
Delta R.T.: -0.008 min
Response: 3439242
Conc: 19.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



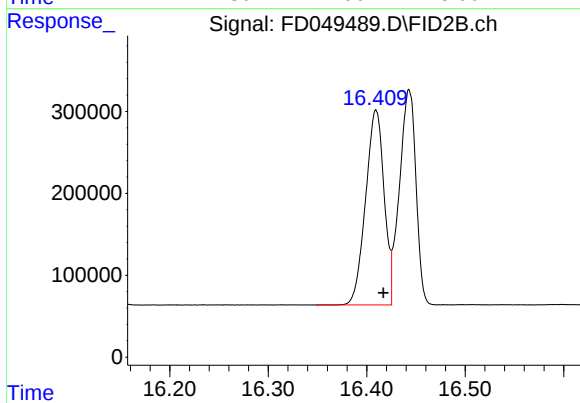
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3097138
Conc: 20.38 ug/ml



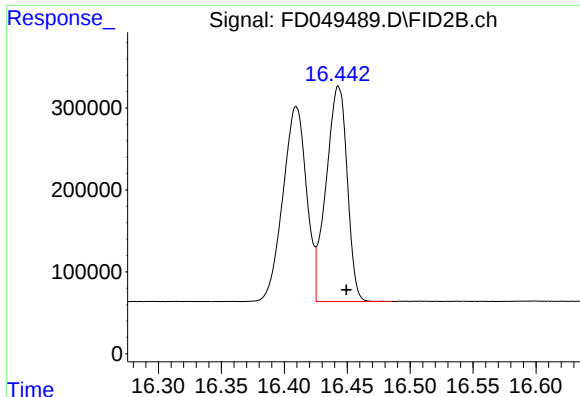
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.007 min
Response: 3123376
Conc: 20.57 ug/ml



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

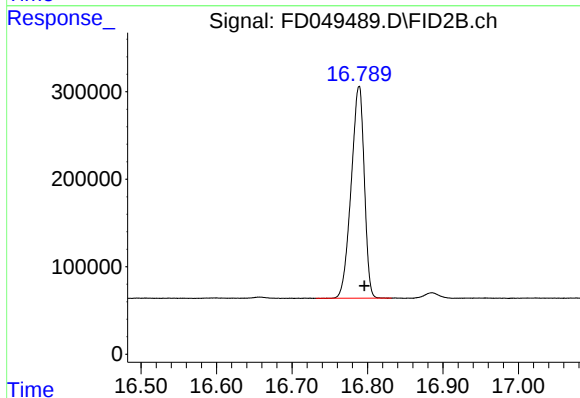
R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 3104218
Conc: 21.45 ug/ml



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

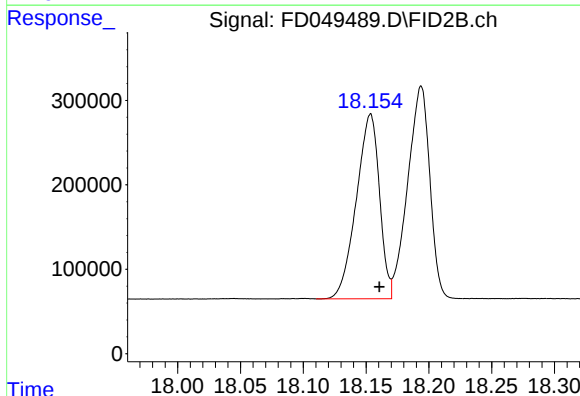
R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 3059984
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



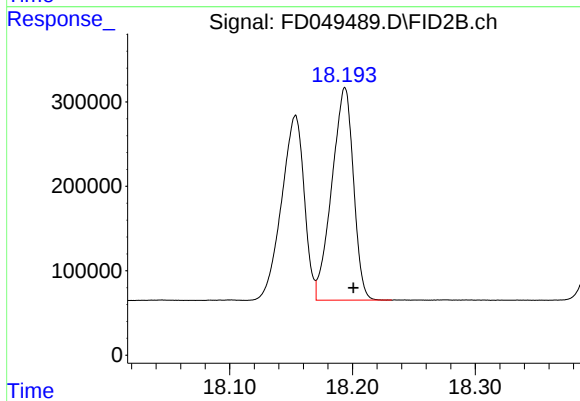
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2925570
Conc: 21.53 ug/ml



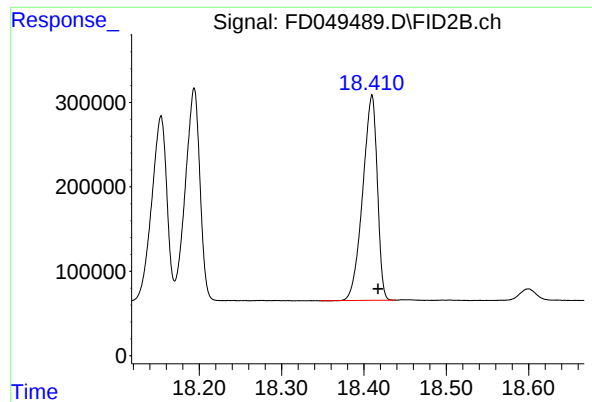
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: -0.007 min
Response: 2805123
Conc: 21.96 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 3084606
Conc: 22.91 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.008 min
Response: 2991615
Conc: 22.20 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD