

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049478.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 04:39
 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 05:16:06 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	3046519	18.327 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
6) S 2-Fluorobiphenyl (SURR)	8.597	2096285	18.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.65%
11) S ortho-Terphenyl (SURR)	11.642	3405349	16.966 ug/ml
Spiked Amount 50.000		Recovery =	33.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3151004	19.805 ug/ml
2) T Naphthalene (C11.7)	6.068	3391842	19.317 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3350512	18.755 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3525313	18.199 ug/ml
7) T Acenaphthene (C15.5)	8.697	3441148	18.091 ug/ml
8) T Flouorene (C16.55)	9.478	3496887	17.885 ug/ml
9) T Phenanthrene (C19.36)	10.876	3399664	17.880 ug/ml
10) T Anthracene (C19.43)	10.950	2992488	17.118 ug/ml
12) T Fluoranthene (C21.85)	12.690	3336208	18.496 ug/ml
13) T Pyrene (C20.8)	12.988	3332095	18.669 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3022064	19.884 ug/ml
15) T Chrysene (C27.41)	14.901	3045882	20.058 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3029933	20.933 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2989375	20.832 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2861387	21.053 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2730098	21.374 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	3001280	22.294 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2910552	21.594 ug/ml

(f)=RT Delta > 1/2 Window

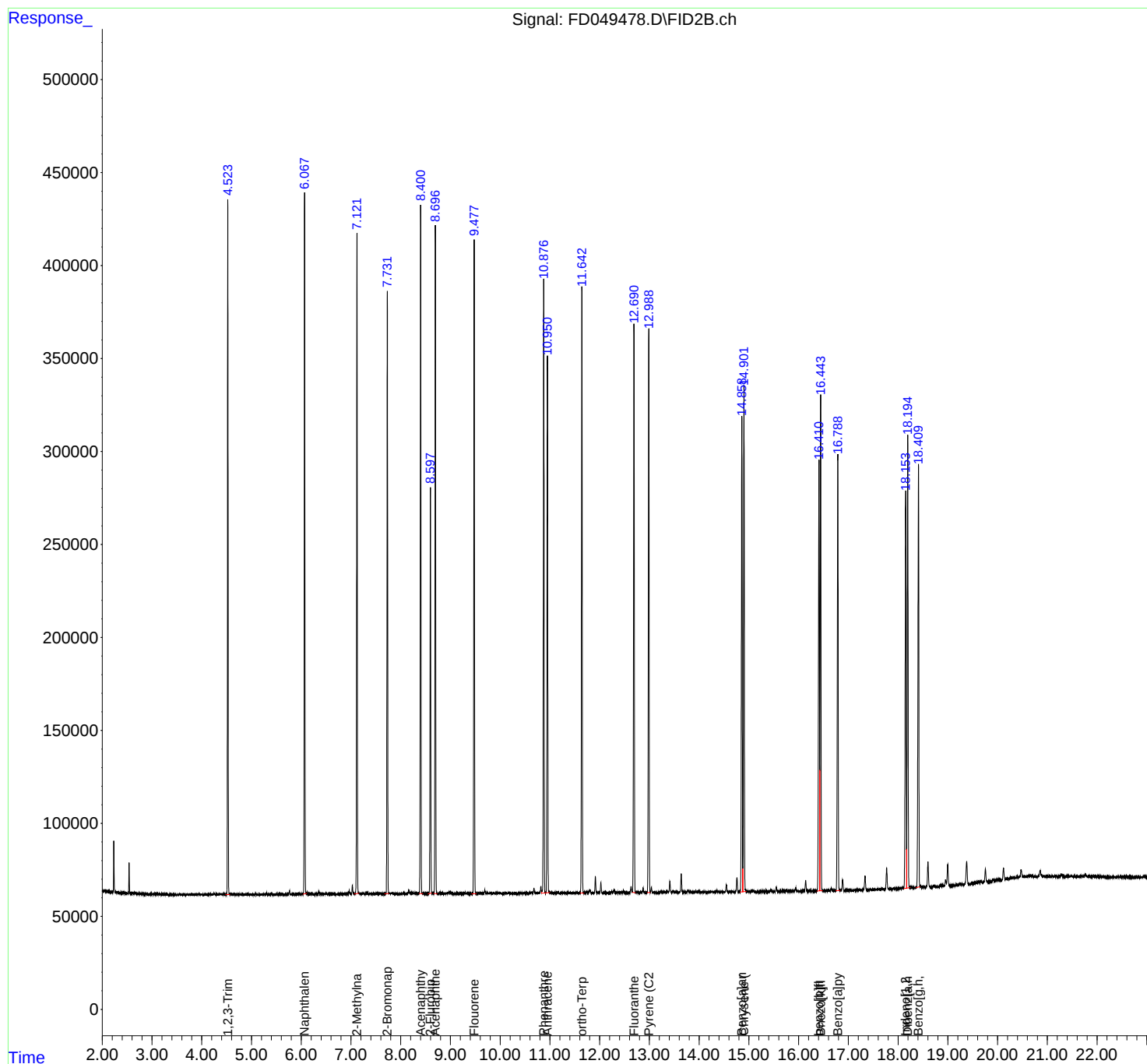
(m)=manual int.

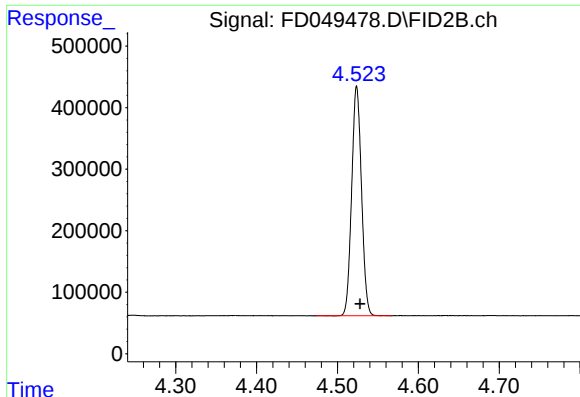
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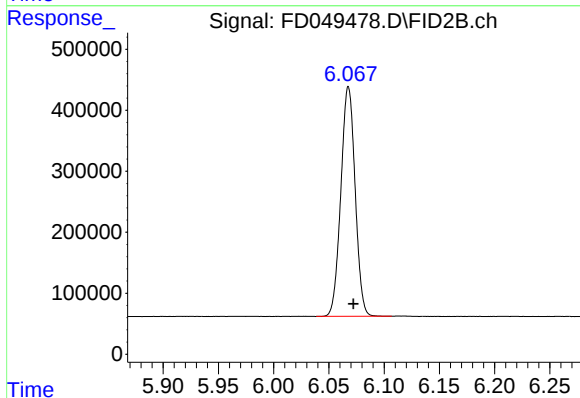




#1 1,2,3-Trimethylbenzene (C10.1)

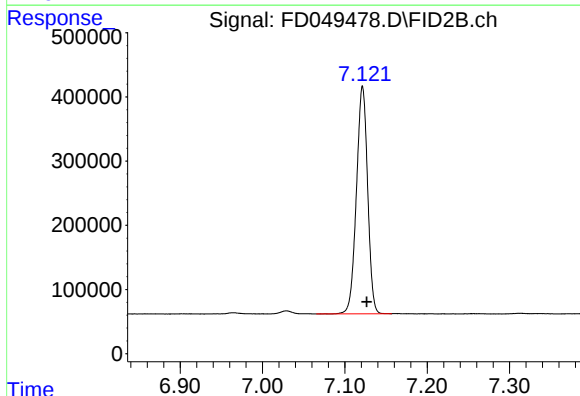
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3151004
Conc: 19.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



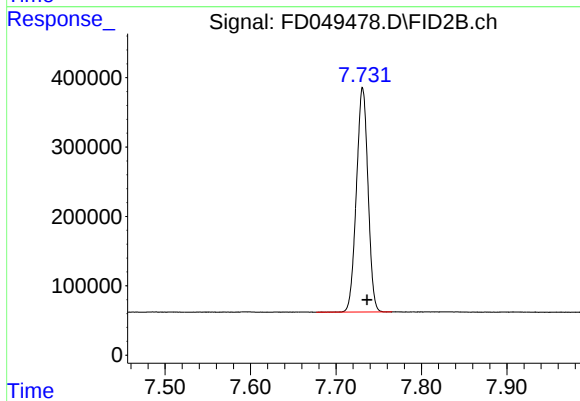
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3391842
Conc: 19.32 ug/ml



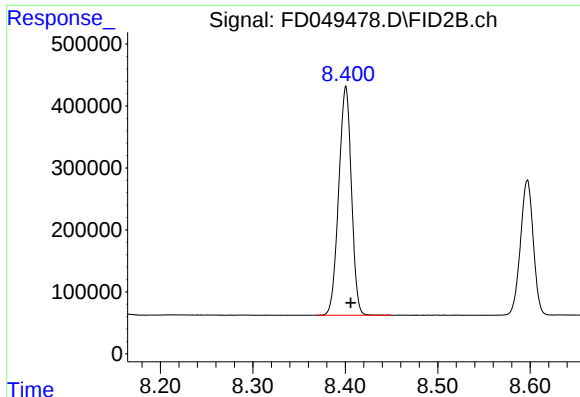
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3350512
Conc: 18.75 ug/ml



#4 2-Bromonaphthalene (SURR)

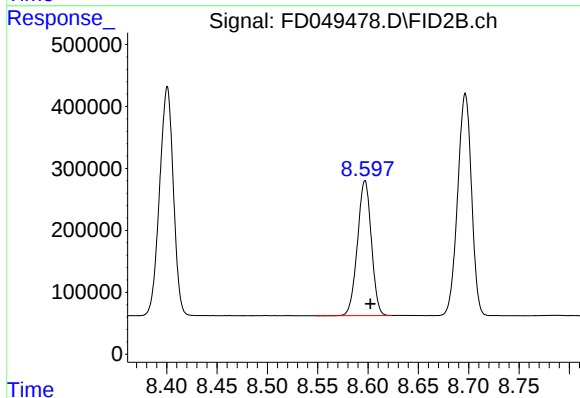
R.T.: 7.731 min
Delta R.T.: -0.005 min
Response: 3046519
Conc: 18.33 ug/ml



#5 Acenaphthylene (C15.06)

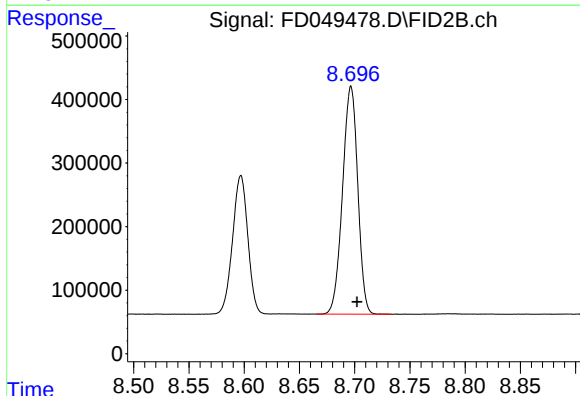
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3525313
Conc: 18.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



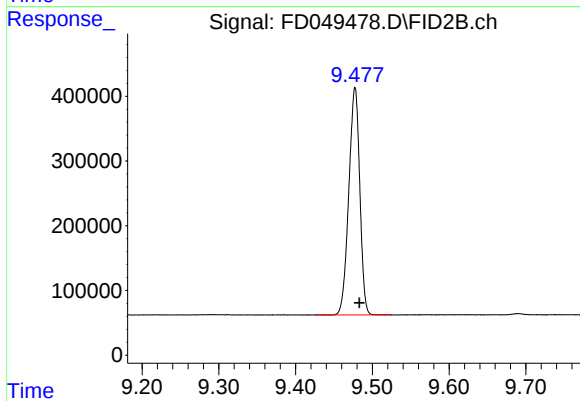
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2096285
Conc: 18.32 ug/ml



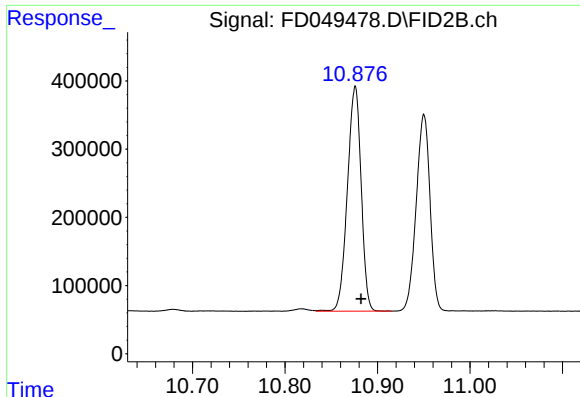
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 3441148
Conc: 18.09 ug/ml



#8 Flouorene (C16.55)

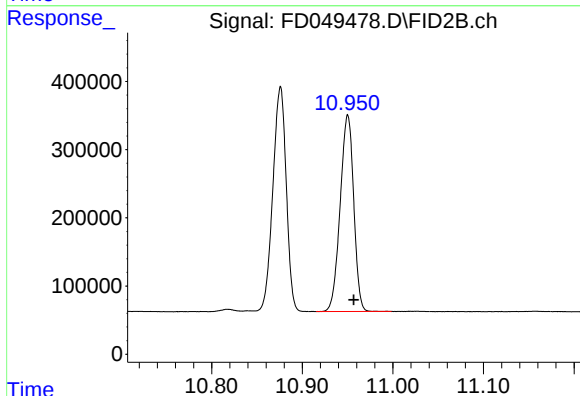
R.T.: 9.478 min
Delta R.T.: -0.006 min
Response: 3496887
Conc: 17.88 ug/ml



#9 Phenanthrene (C19.36)

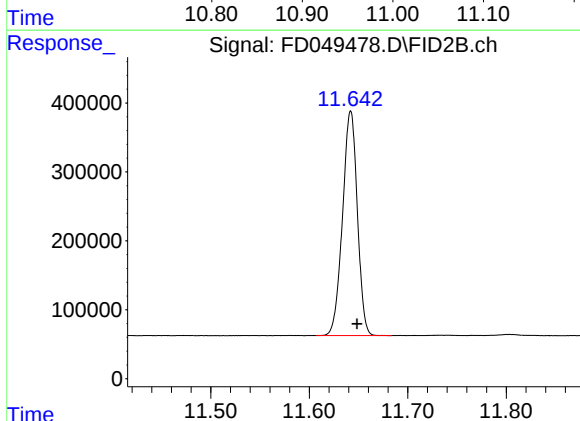
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3399664
Conc: 17.88 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



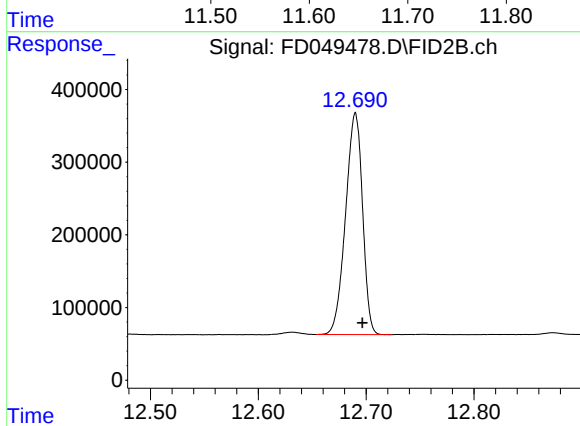
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 2992488
Conc: 17.12 ug/ml



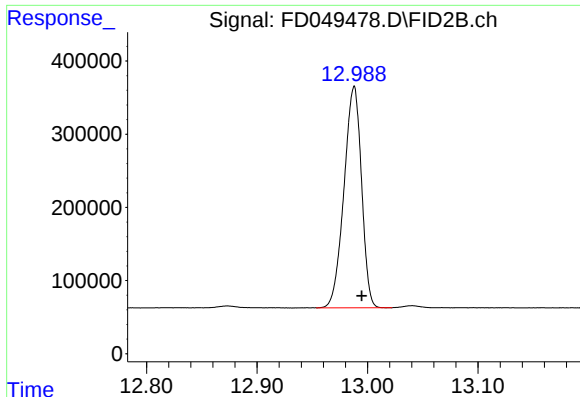
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.006 min
Response: 3405349
Conc: 16.97 ug/ml



#12 Fluoranthene (C21.85)

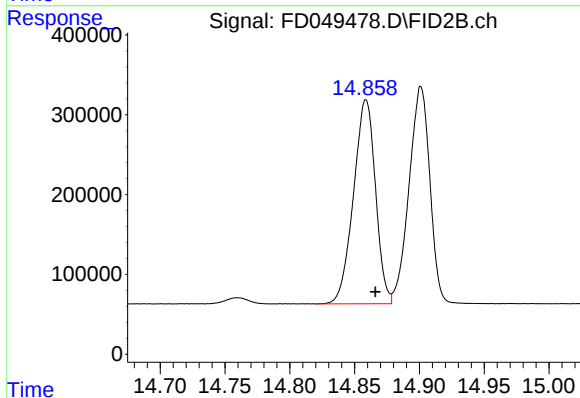
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3336208
Conc: 18.50 ug/ml



#13 Pyrene (C20.8)

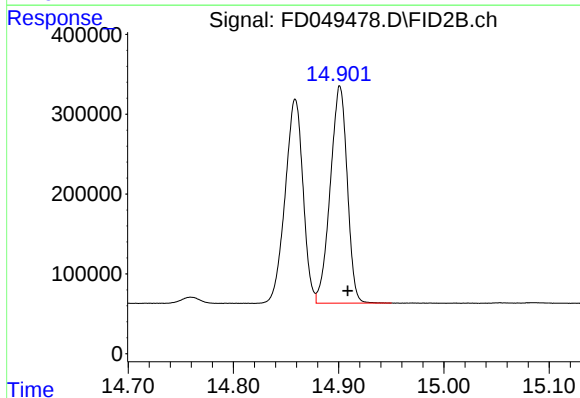
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3332095
Conc: 18.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



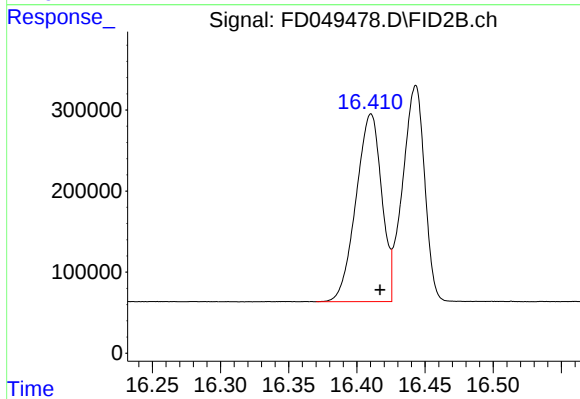
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3022064
Conc: 19.88 ug/ml



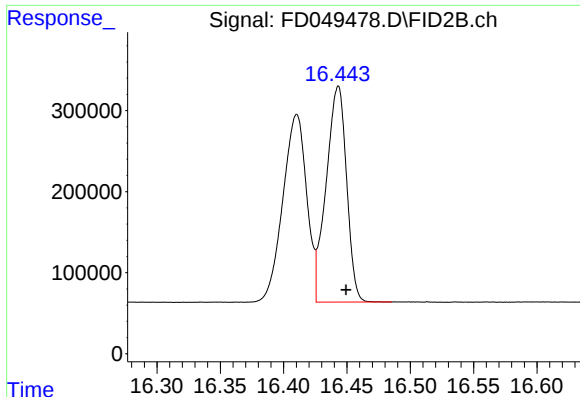
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: -0.008 min
Response: 3045882
Conc: 20.06 ug/ml



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

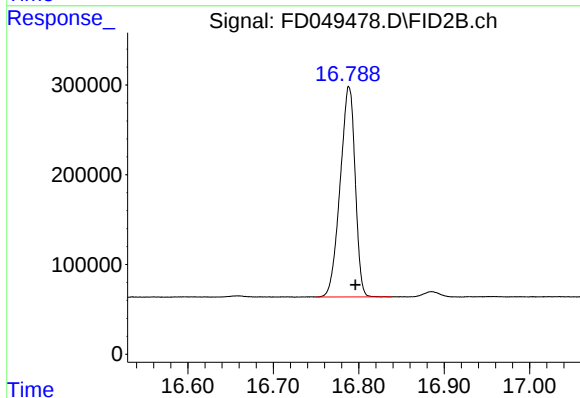
R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 3029933
Conc: 20.93 ug/ml



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

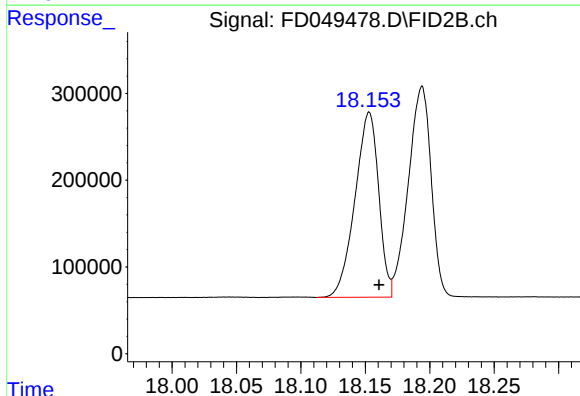
R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 2989375
Conc: 20.83 ug/ml

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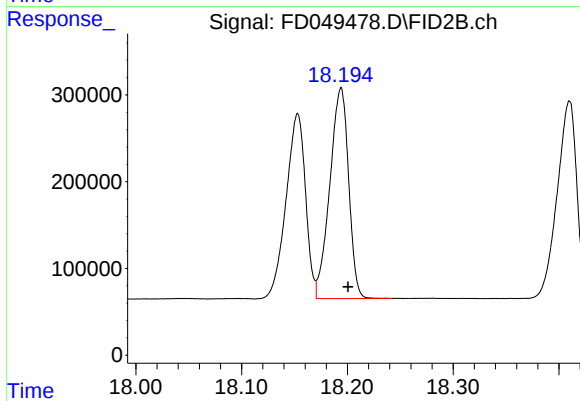
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2861387
Conc: 21.05 ug/ml



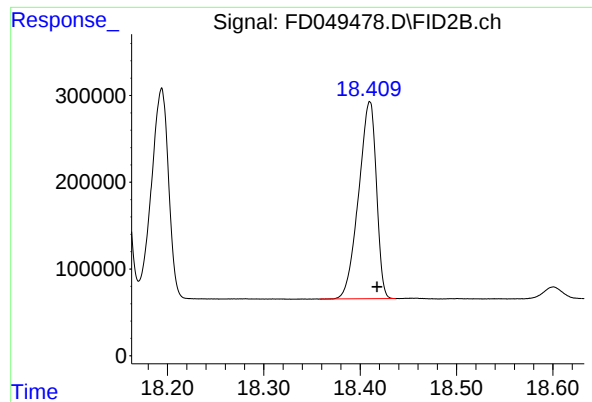
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.008 min
Response: 2730098
Conc: 21.37 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 3001280
Conc: 22.29 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.007 min
Response: 2910552
Conc: 21.59 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD