

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049476.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 03:21
 Operator : YP/AJ
 Sample : Q2177-02MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-187-SB01MSD

Integration File: autoint1.e
 Quant Time: Jun 13 04:23:38 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...	7.734	6148289	36.986 ug/ml
Spiked Amount 50.000		Recovery =	73.97%
6) S 2-Fluorobiphenyl (SURR)	8.599	4148619	36.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.53%
11) S ortho-Terphenyl (SURR)	11.644	6258589	31.181 ug/ml
Spiked Amount 50.000		Recovery =	62.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	1989778	12.506 ug/ml
2) T Naphthalene (C11.7)	6.068	2459559	14.008 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	2522929	14.122 ug/ml
5) T Acenaphthylene (C15.06)	8.401	2968110	15.322 ug/ml
7) T Acenaphthene (C15.5)	8.697	3060228	16.088 ug/ml
8) T Fluorene (C16.55)	9.477	3219283	16.465 ug/ml
9) T Phenanthrene (C19.36)	10.877	3527625	18.553 ug/ml
10) T Anthracene (C19.43)	10.951	3183800	18.212 ug/ml
12) T Fluoranthene (C21.85)	12.690	3583491	19.867 ug/ml
13) T Pyrene (C20.8)	12.989	3500442	19.612 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3070233	20.201 ug/ml
15) T Chrysene (C27.41)	14.902	3346577	22.038 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2987590	20.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2879035	20.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2842961	20.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2920456	22.864 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2734213	20.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2702192	20.048 ug/ml

(f)=RT Delta > 1/2 Window

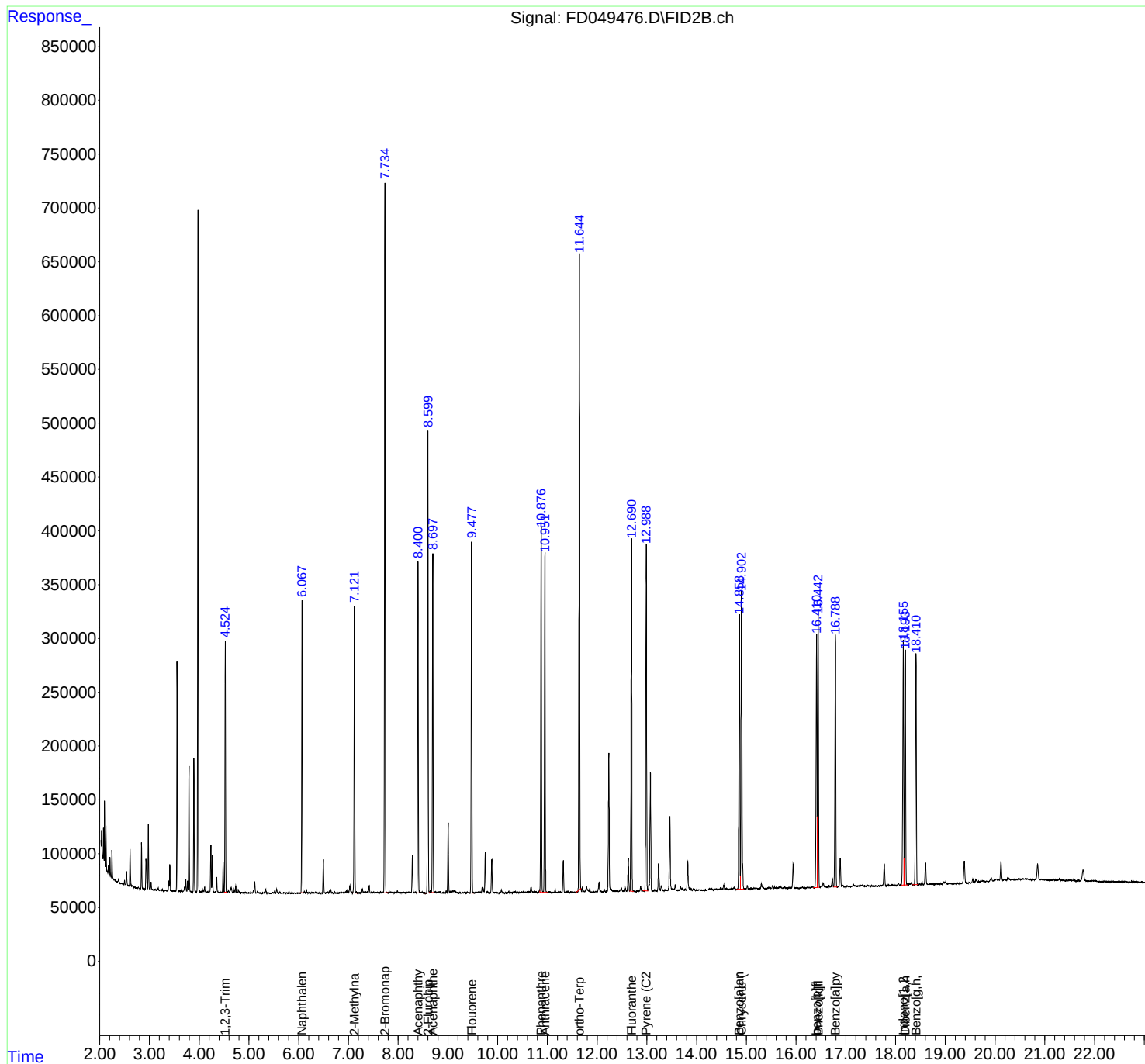
(m)=manual int.

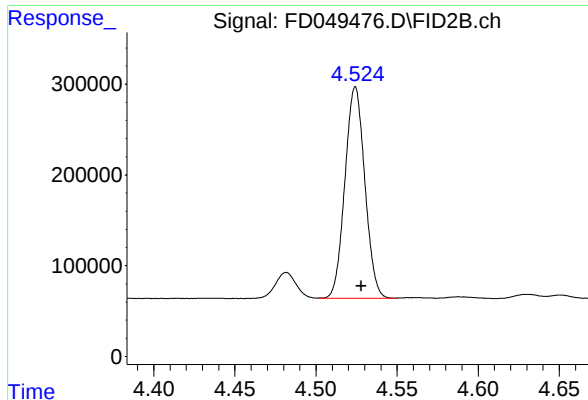
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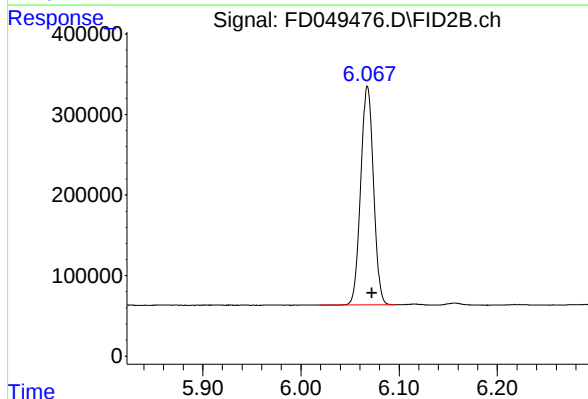




#1 1,2,3-Trimethylbenzene (C10.1)

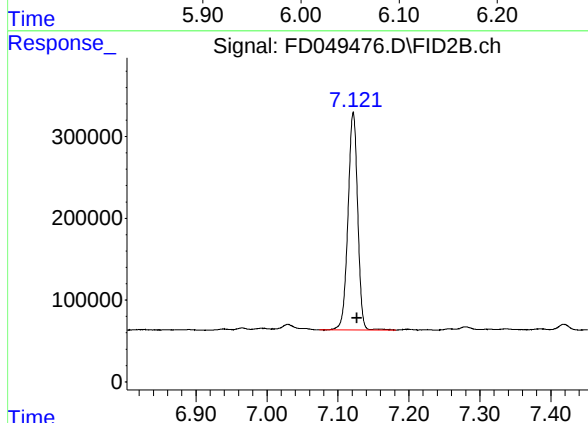
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 1989778
Conc: 12.51 ug/ml

Instrument :
FID_D
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B-187-SB01MSD



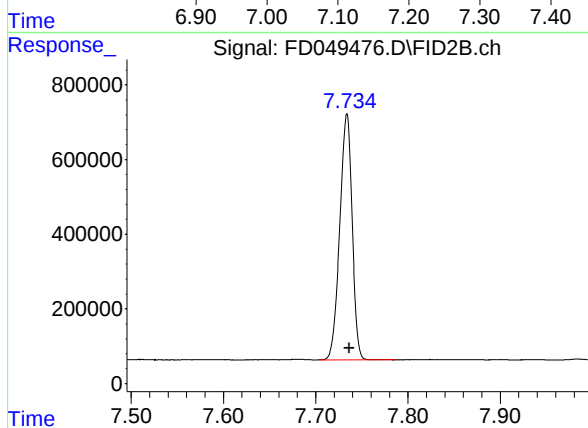
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 2459559
Conc: 14.01 ug/ml



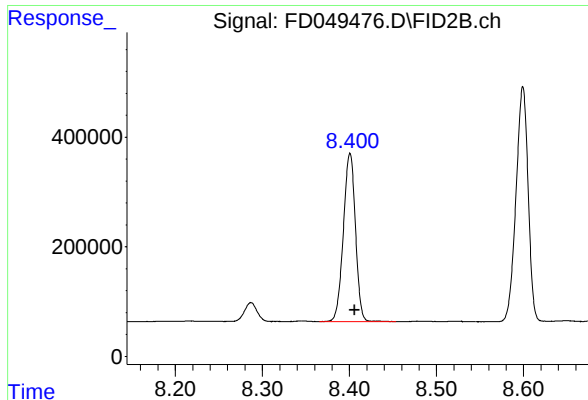
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 2522929
Conc: 14.12 ug/ml



#4 2-Bromonaphthalene (SURR)

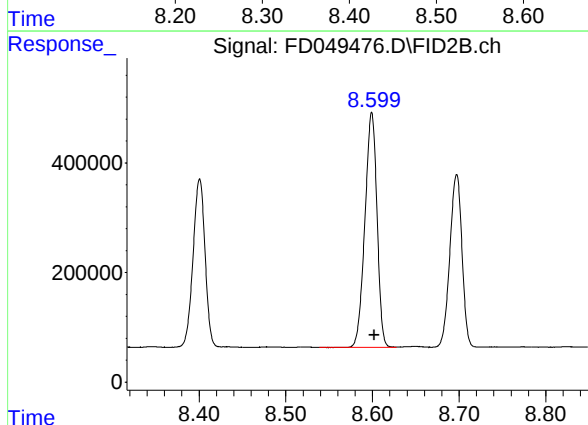
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 6148289
Conc: 36.99 ug/ml



#5 Acenaphthylene (C15.06)

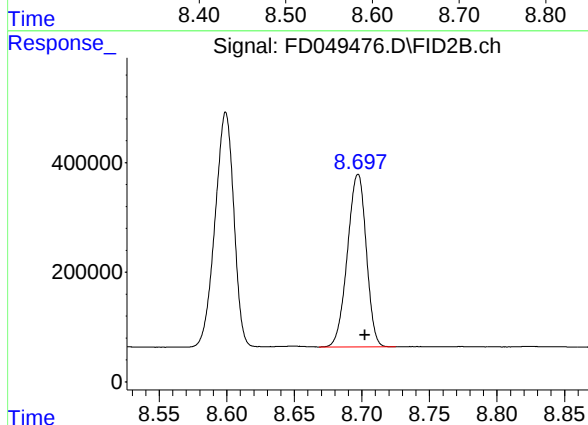
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 2968110
Conc: 15.32 ug/ml

Instrument :
FID_D
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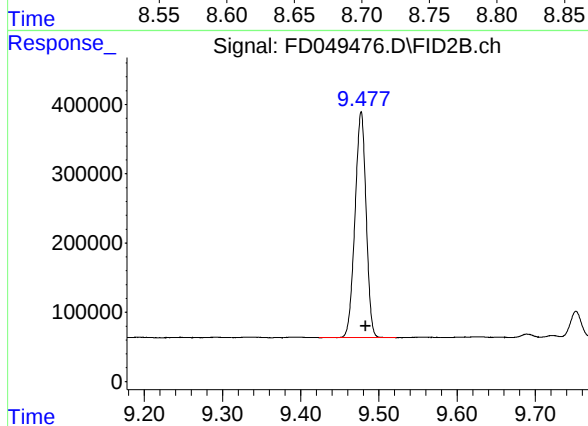
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4148619
Conc: 36.27 ug/ml



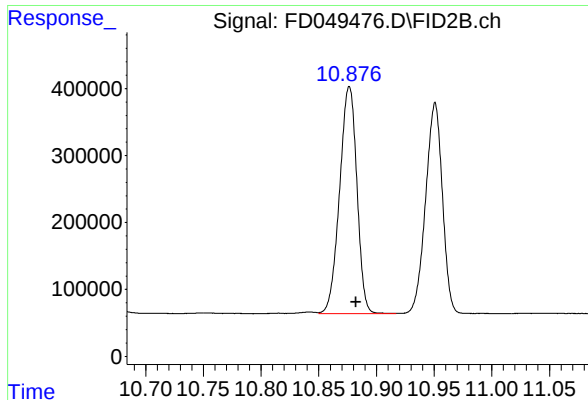
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 3060228
Conc: 16.09 ug/ml



#8 Flouorene (C16.55)

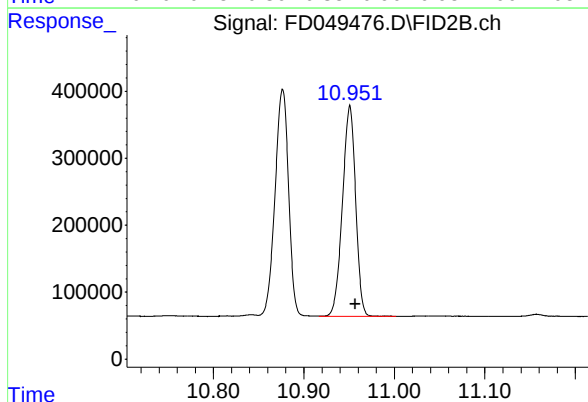
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3219283
Conc: 16.47 ug/ml



#9 Phenanthrene (C19.36)

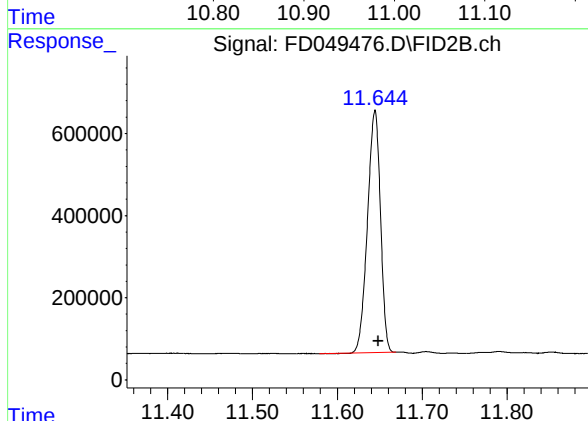
R.T.: 10.877 min
Delta R.T.: -0.006 min
Response: 3527625
Conc: 18.55 ug/ml

Instrument :
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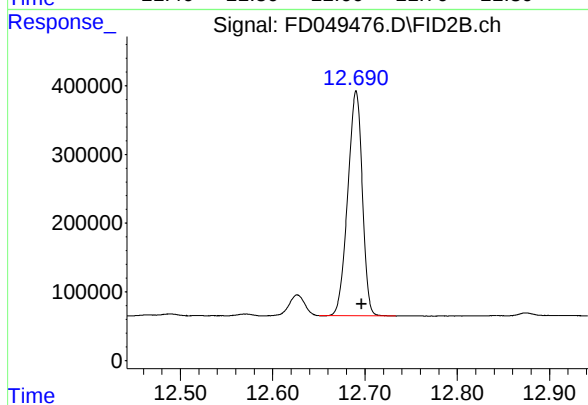
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: -0.006 min
Response: 3183800
Conc: 18.21 ug/ml



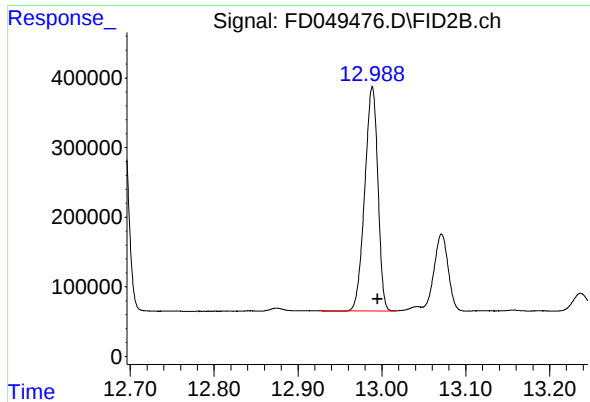
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 6258589
Conc: 31.18 ug/ml



#12 Fluoranthene (C21.85)

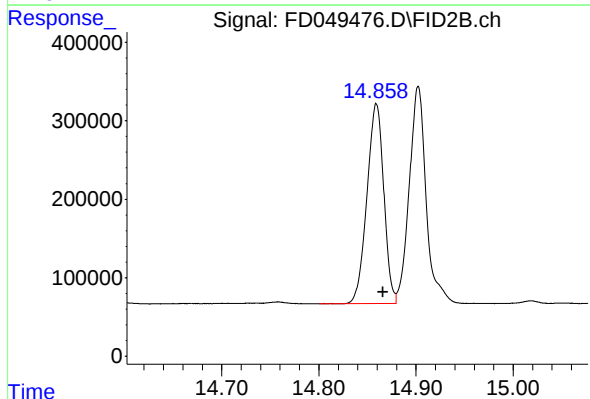
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3583491
Conc: 19.87 ug/ml



#13 Pyrene (C20.8)

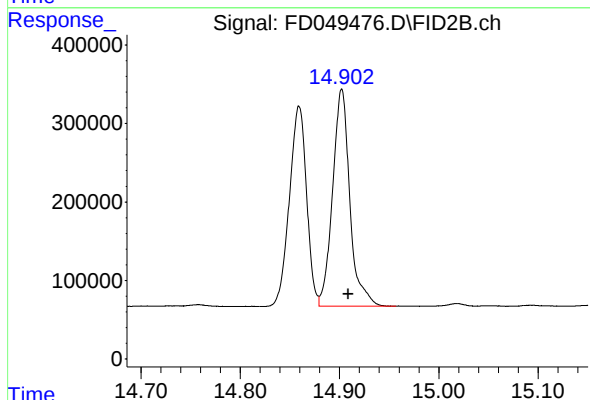
R.T.: 12.989 min
Delta R.T.: -0.006 min
Response: 3500442
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :
B-187-SB01MSD



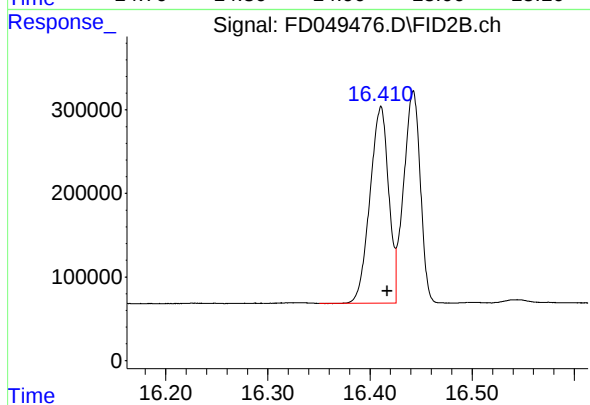
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3070233
Conc: 20.20 ug/ml



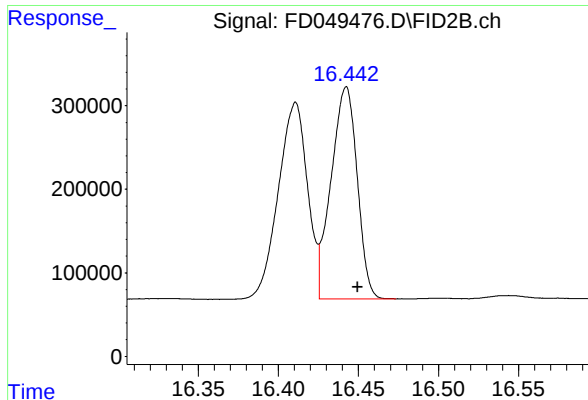
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 3346577
Conc: 22.04 ug/ml



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

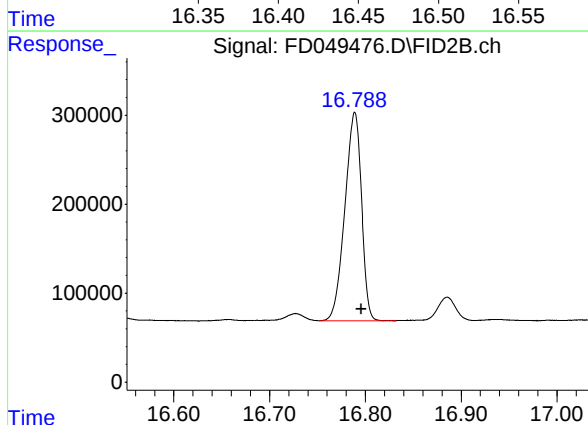
R.T.: 16.411 min
Delta R.T.: -0.006 min
Response: 2987590
Conc: 20.64 ug/ml



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

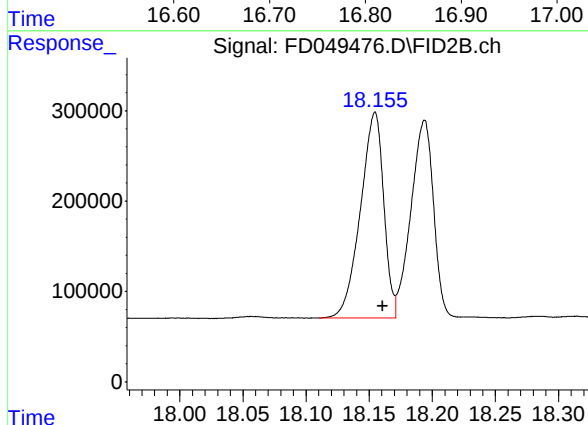
R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 2879035
Conc: 20.06 ug/ml

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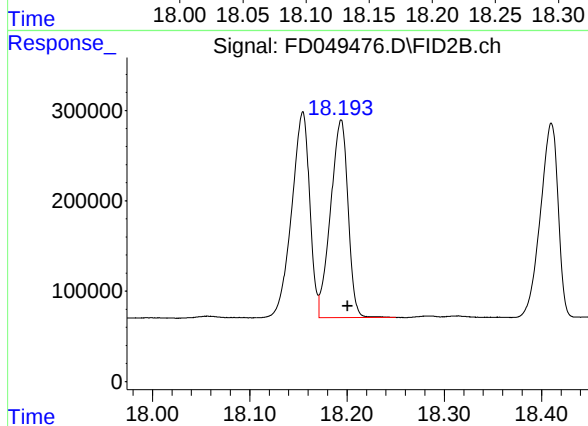
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2842961
Conc: 20.92 ug/ml



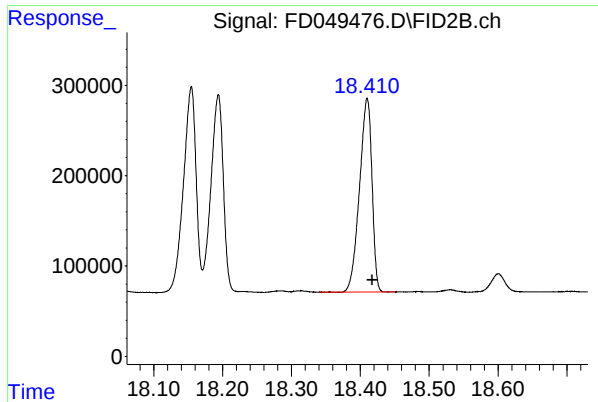
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: -0.006 min
Response: 2920456
Conc: 22.86 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 2734213
Conc: 20.31 ug/ml



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

R.T.: 18.410 min

Delta R.T.: -0.007 min

Response: 2702192

Conc: 20.05 ug/ml

Instrument :

FID_D

ClientSampleId :

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