

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048084.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 02:19
 Operator : YP/AJ
 Sample : P3396-14
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CF05-01MS

Integration File: autoint1.e
 Quant Time: Jul 31 04:56:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.407	7008729	47.157 ug/ml
Spiked Amount 50.000		Recovery =	94.31%
6) S 2-Fluorobiphenyl (SURR)	8.258	4452059	47.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.08%
11) S ortho-Terphenyl (SURR)	11.297	6606400	39.484 ug/ml
Spiked Amount 50.000		Recovery =	78.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	4264188	25.465 ug/ml
2) T Naphthalene (C11.7)	5.745	4815476	27.865 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	5030643	29.000 ug/ml
5) T Acenaphthylene (C15.06)	8.060	5157160	30.094 ug/ml
7) T Acenaphthene (C15.5)	8.356	5123451	29.534 ug/ml
8) T Fluorene (C16.55)	9.134	5256804	32.365 ug/ml
9) T Phenanthrene (C19.36)	10.523	5317417	33.482 ug/ml
10) T Anthracene (C19.43)	10.598	5304995	33.597 ug/ml
12) T Fluoranthene (C21.85)	12.327	6233027	39.367 ug/ml
13) T Pyrene (C20.8)	12.621	5564952	35.193 ug/ml
14) T Benzo[a]anthracene (C...	14.491	5154126	37.751 ug/ml
15) T Chrysene (C27.41)	14.533	5227964	32.431 ug/ml
16) T benzo[b]fluoranthene ...	16.038	5081334	35.303 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	5082928	34.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	4832930	34.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779	5235426	46.419 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	4938632	33.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.030	4682402	31.773 ug/ml

(f)=RT Delta > 1/2 Window

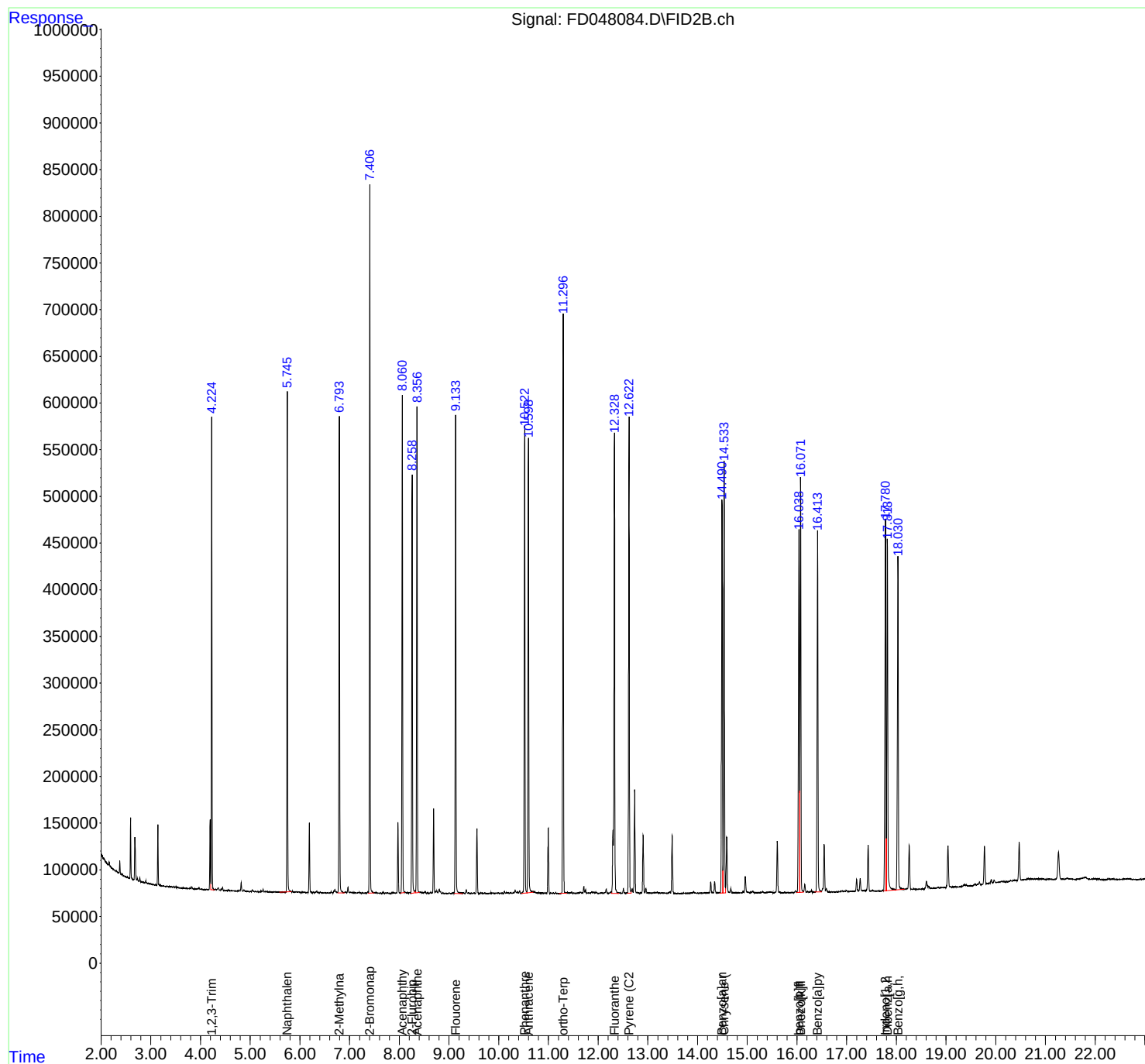
(m)=manual int.

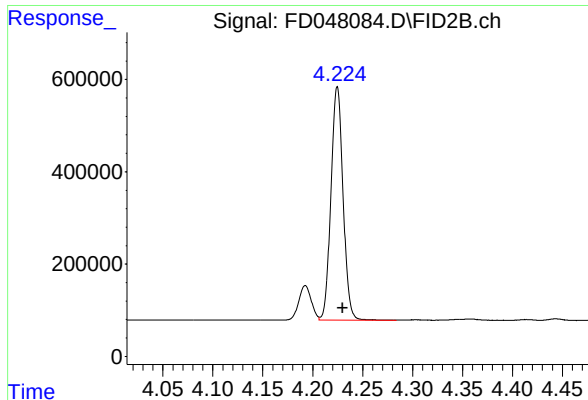
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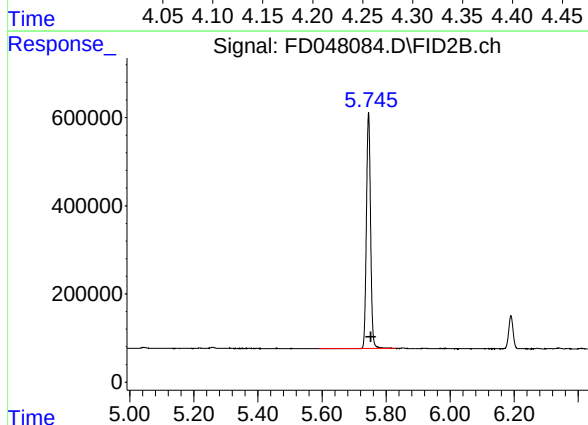




#1 1,2,3-Trimethylbenzene (C10.1)

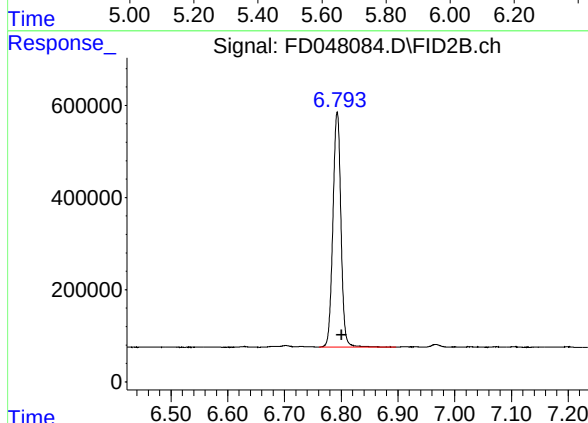
R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 4264188
Conc: 25.46 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



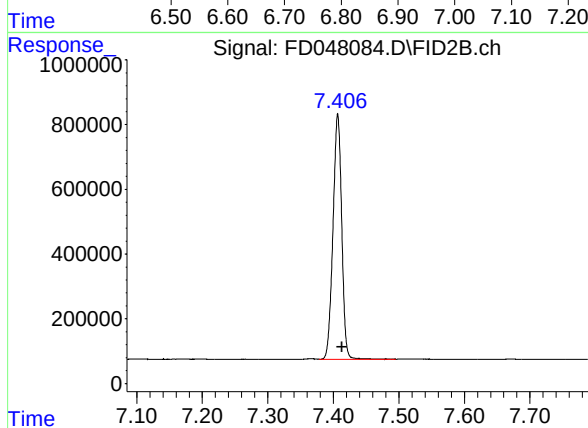
#2 Naphthalene (C11.7)

R.T.: 5.745 min
Delta R.T.: -0.008 min
Response: 4815476
Conc: 27.87 ug/ml



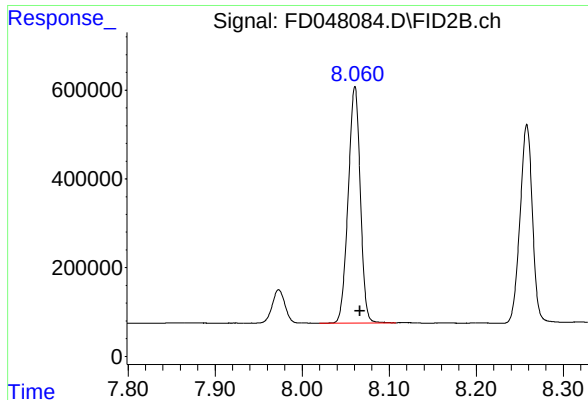
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 5030643
Conc: 29.00 ug/ml



#4 2-Bromonaphthalene (SURR)

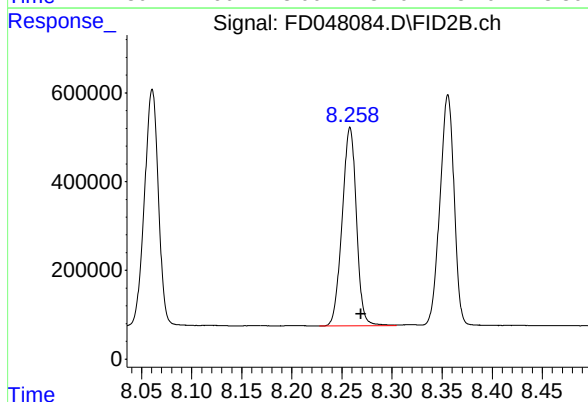
R.T.: 7.407 min
Delta R.T.: -0.007 min
Response: 7008729
Conc: 47.16 ug/ml



#5 Acenaphthylene (C15.06)

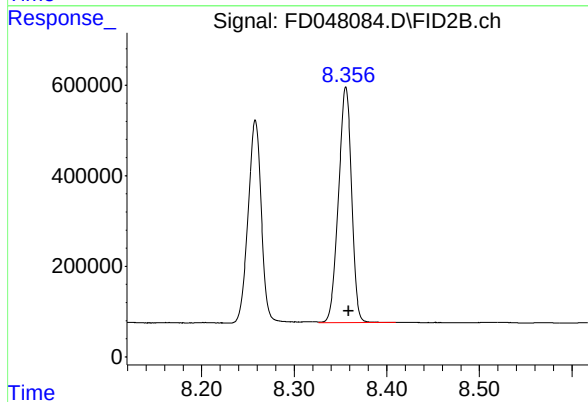
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 5157160
Conc: 30.09 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



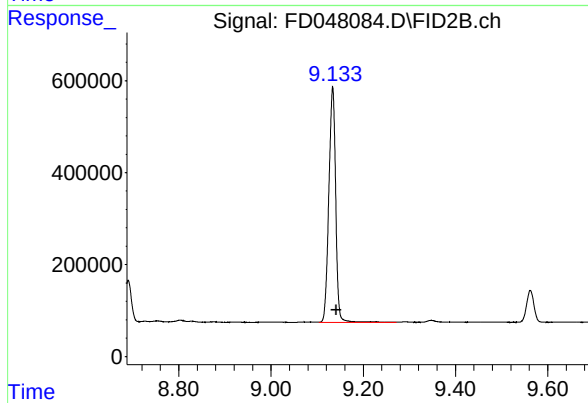
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 4452059
Conc: 47.04 ug/ml



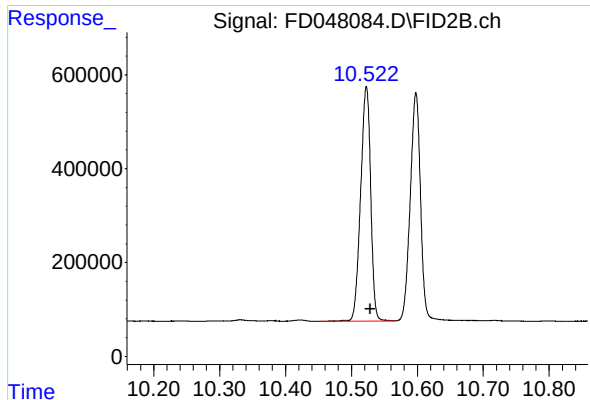
#7 Acenaphthene (C15.5)

R.T.: 8.356 min
Delta R.T.: -0.003 min
Response: 5123451
Conc: 29.53 ug/ml



#8 Flouorene (C16.55)

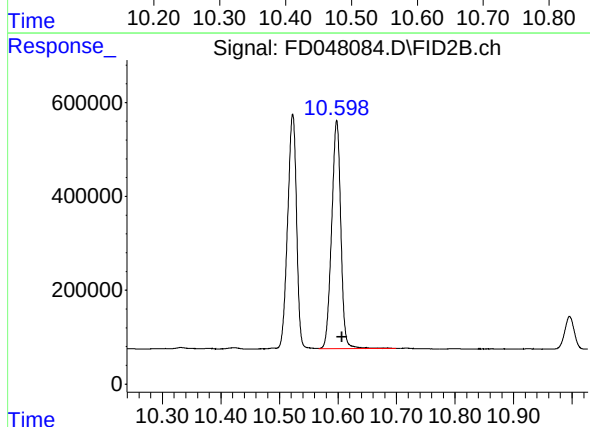
R.T.: 9.134 min
Delta R.T.: -0.008 min
Response: 5256804
Conc: 32.37 ug/ml



#9 Phenanthrene (C19.36)

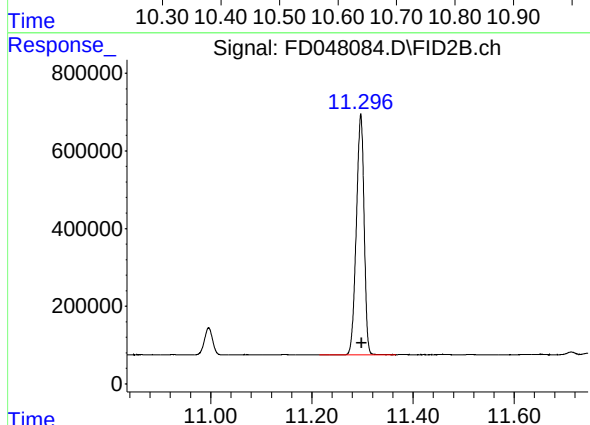
R.T.: 10.523 min
Delta R.T.: -0.006 min
Response: 5317417
Conc: 33.48 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



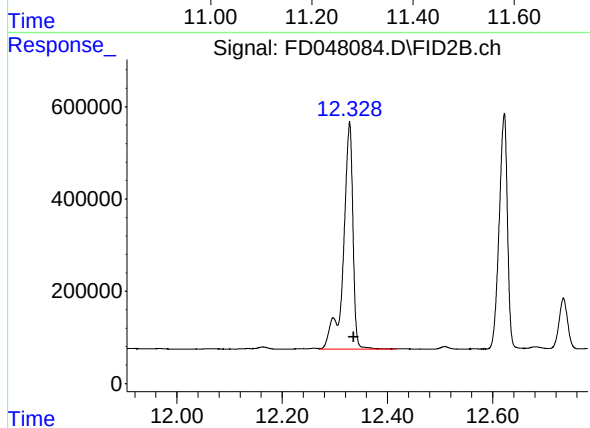
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: -0.009 min
Response: 5304995
Conc: 33.60 ug/ml



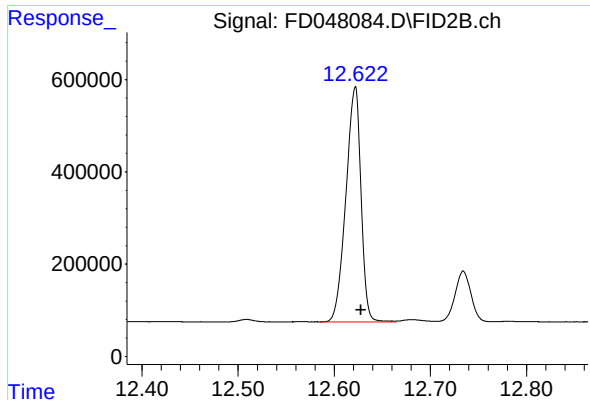
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.002 min
Response: 6606400
Conc: 39.48 ug/ml



#12 Fluoranthene (C21.85)

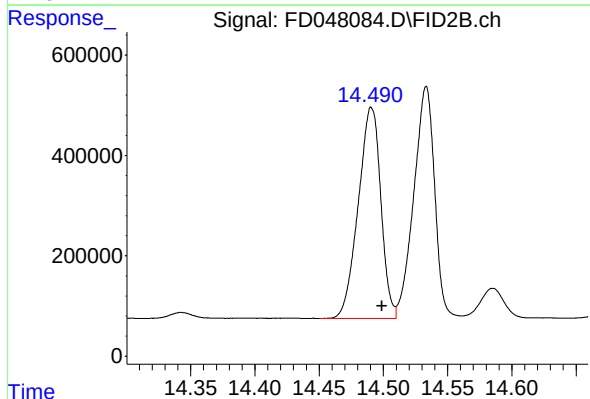
R.T.: 12.327 min
Delta R.T.: -0.008 min
Response: 6233027
Conc: 39.37 ug/ml



#13 Pyrene (C20.8)

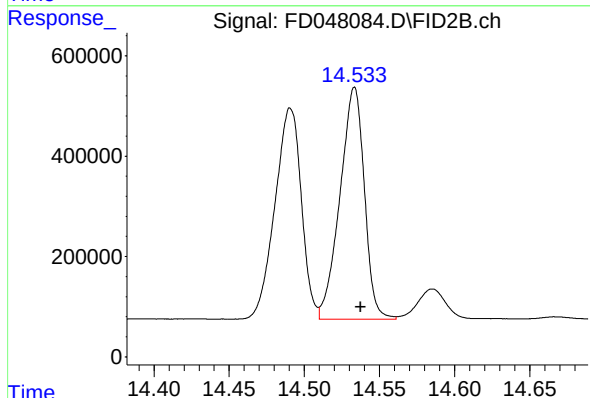
R.T.: 12.621 min
Delta R.T.: -0.007 min
Response: 5564952
Conc: 35.19 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



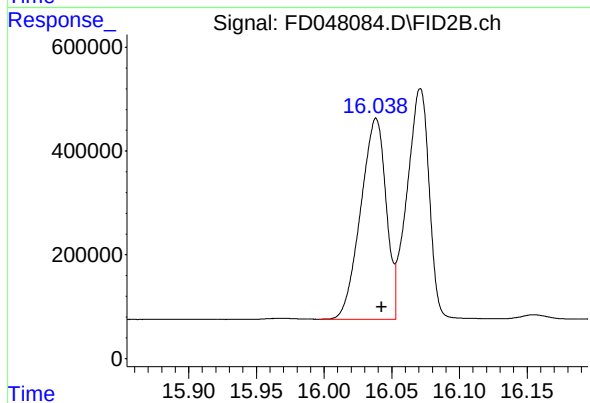
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.008 min
Response: 5154126
Conc: 37.75 ug/ml



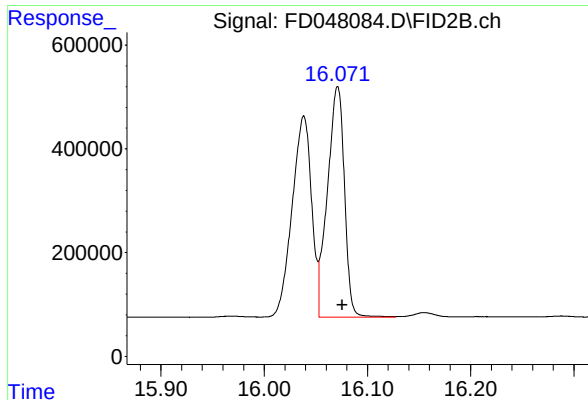
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.004 min
Response: 5227964
Conc: 32.43 ug/ml



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

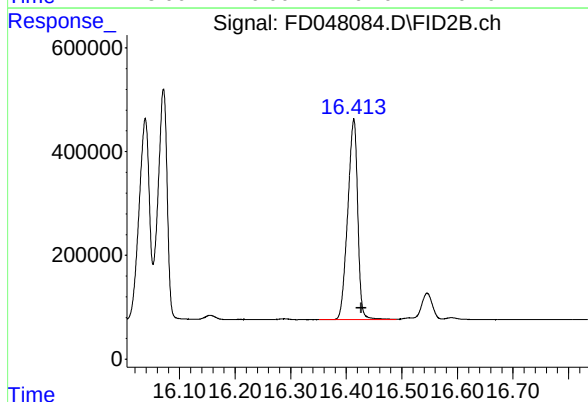
R.T.: 16.038 min
Delta R.T.: -0.005 min
Response: 5081334
Conc: 35.30 ug/ml



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

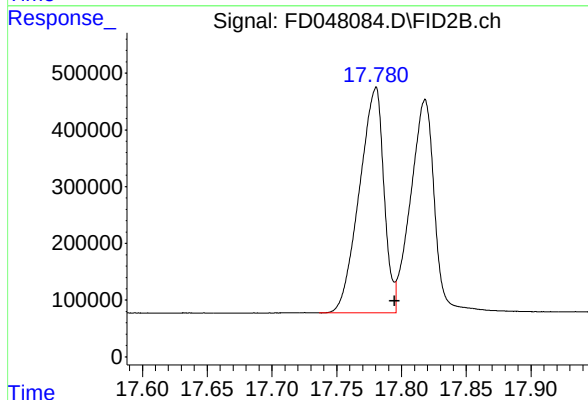
R.T.: 16.071 min
Delta R.T.: -0.005 min
Response: 5082928
Conc: 34.03 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



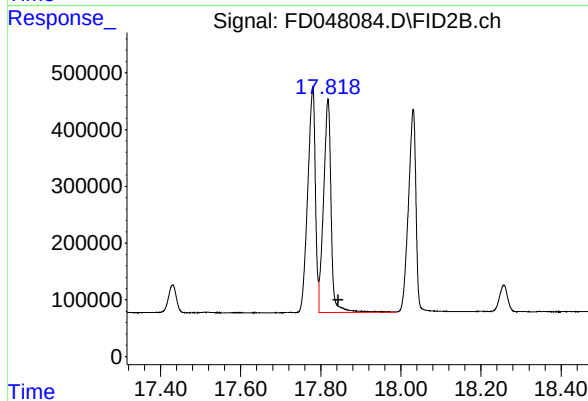
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.413 min
Delta R.T.: -0.014 min
Response: 4832930
Conc: 34.12 ug/ml



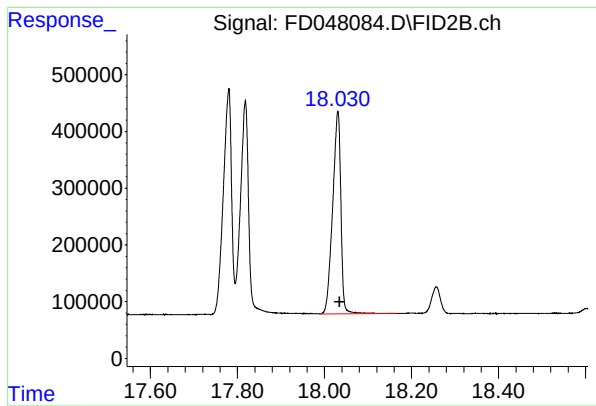
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.779 min
Delta R.T.: -0.015 min
Response: 5235426
Conc: 46.42 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.026 min
Response: 4938632
Conc: 33.98 ug/ml



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

R.T.: 18.030 min
Delta R.T.: -0.004 min
Response: 4682402
Conc: 31.77 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS