

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047478.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 16:17
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 16:47:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:47:16 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...	7.459	745959	4.990 ug/ml
Spiked Amount 50.000		Recovery =	9.98%
6) S 2-Fluorobiphenyl (SURR)	8.313	470807	4.819 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.64%
11) S ortho-Terphenyl (SURR)	11.348	871457	5.084 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	799289	5.058 ug/ml
2) T Naphthalene (C11.7)	5.801	812810	4.967 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	809727	4.923 ug/ml
5) T Acenaphthylene (C15.06)	8.116	756135	5.010 ug/ml
7) T Acenaphthene (C15.5)	8.409	803272	5.015 ug/ml
8) T Fluorene (C16.55)	9.189	764075	4.939 ug/ml
9) T Phenanthrene (C19.36)	10.577	727201	4.888 ug/ml
10) T Anthracene (C19.43)	10.652	658950	4.845 ug/ml
12) T Fluoranthene (C21.85)	12.380	737201	4.987 ug/ml
13) T Pyrene (C20.8)	12.674	722641	5.007 ug/ml
14) T Benzo[a]anthracene (C...	14.539	639181	4.860 ug/ml
15) T Chrysene (C27.41)	14.579	716705	5.083 ug/ml
16) T benzo[b]fluoranthene ...	16.081	693739	4.973 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	704584	5.066 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	685278	4.991 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	641998	4.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	679062	5.053 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	695955	5.014 ug/ml

(f)=RT Delta > 1/2 Window

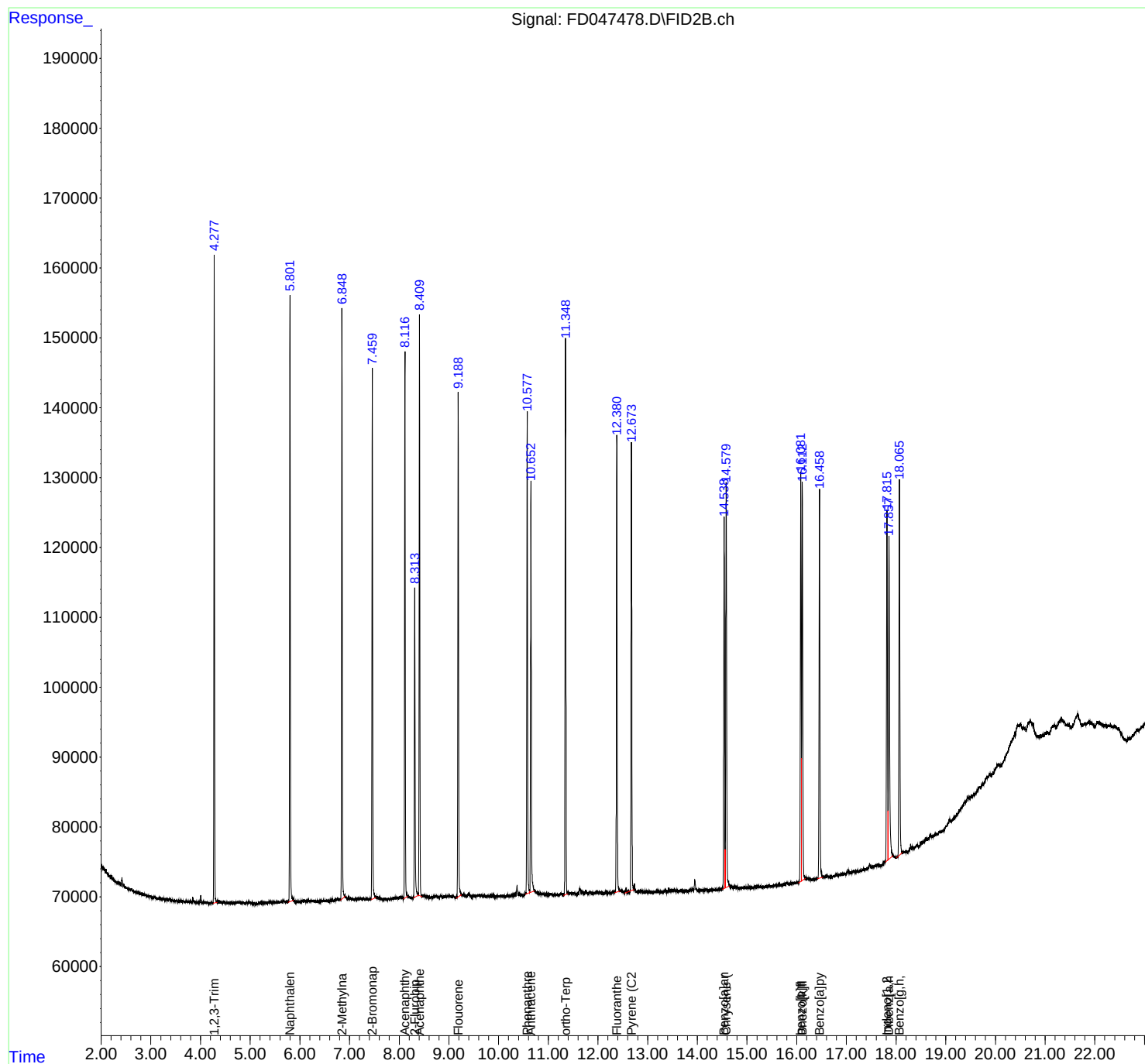
(m)=manual int.

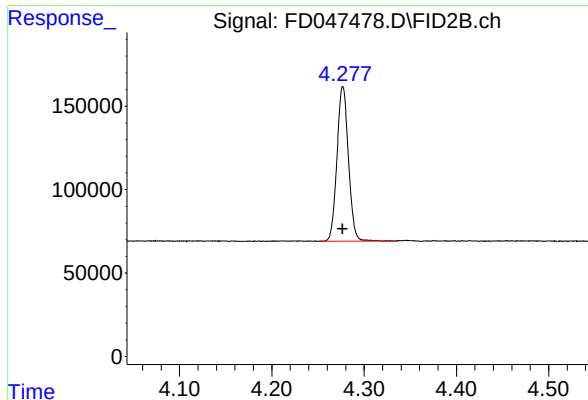
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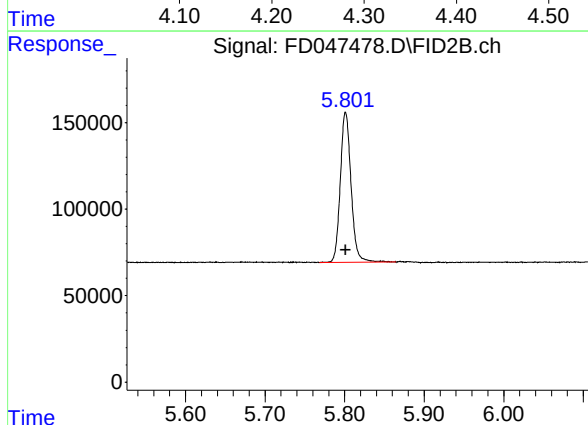




#1 1,2,3-Trimethylbenzene (C10.1)

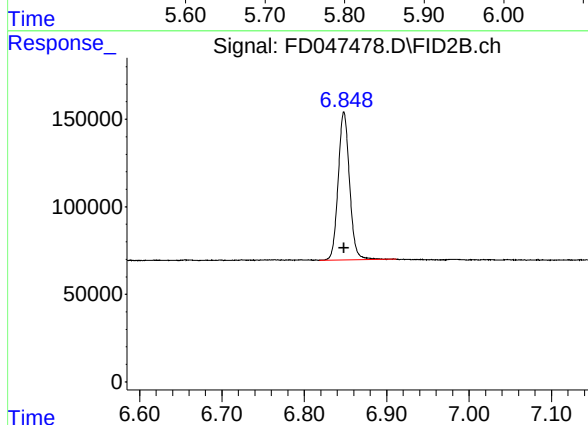
R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 799289
Conc: 5.06 ug/ml

Instrument :
FID_D
ClientSampleId :



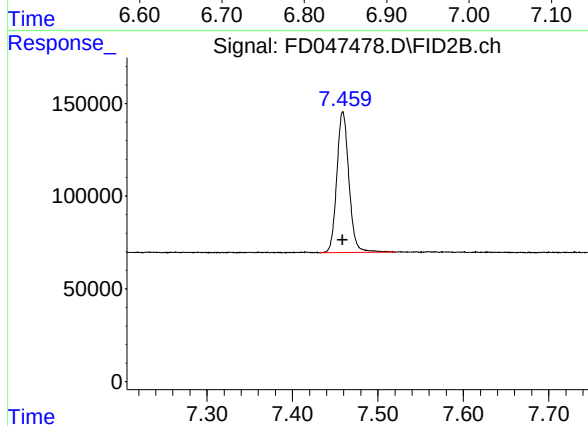
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 812810
Conc: 4.97 ug/ml



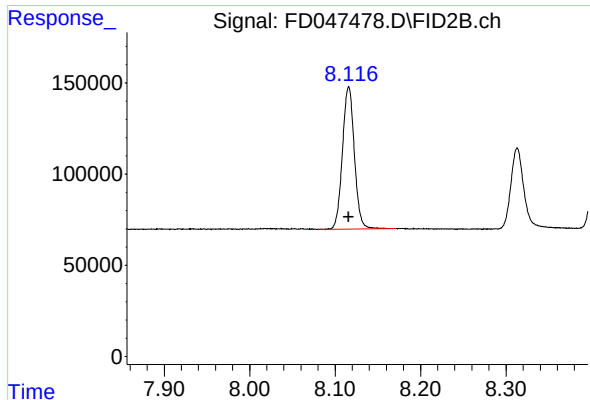
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 809727
Conc: 4.92 ug/ml



#4 2-Bromonaphthalene (SURR)

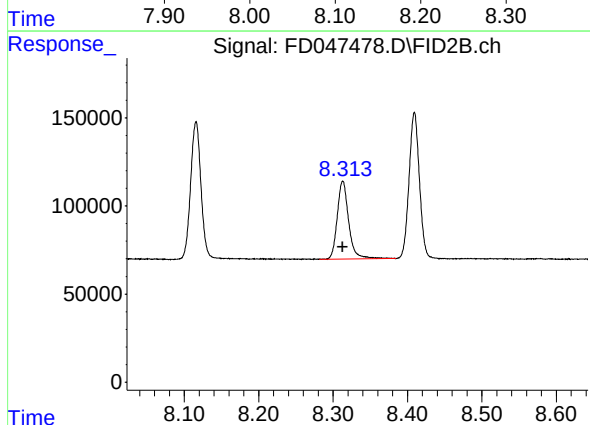
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 745959
Conc: 4.99 ug/ml



#5 Acenaphthylene (C15.06)

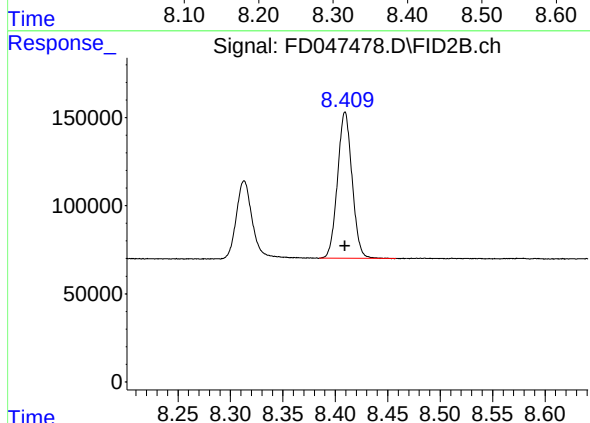
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 756135
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



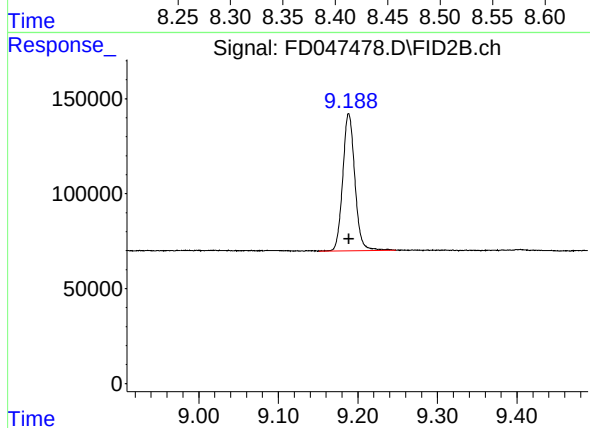
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 470807
Conc: 4.82 ug/ml



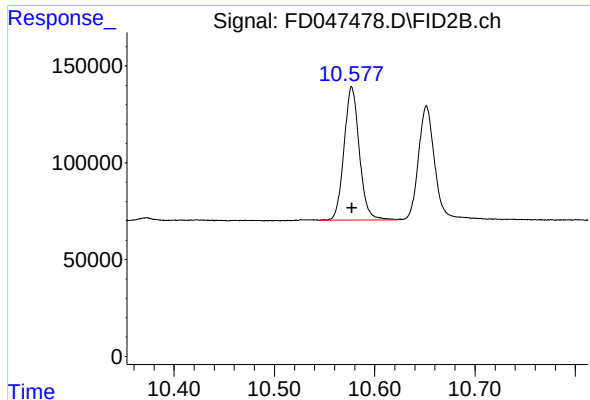
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 803272
Conc: 5.02 ug/ml



#8 Flouorene (C16.55)

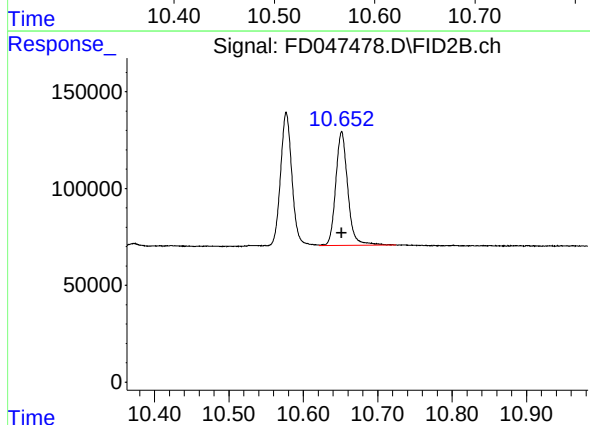
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 764075
Conc: 4.94 ug/ml



#9 Phenanthrene (C19.36)

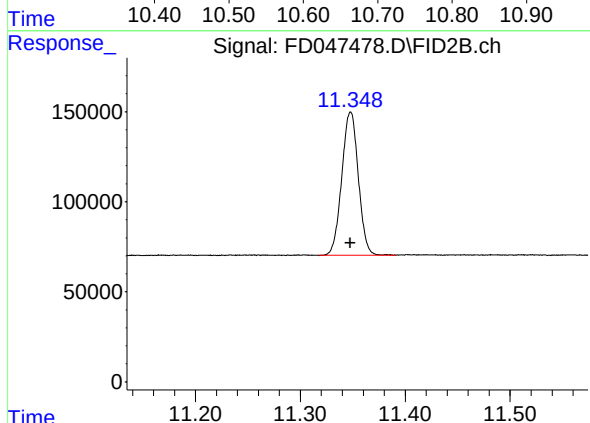
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 727201
Conc: 4.89 ug/ml

Instrument :
FID_D
ClientSampleId :



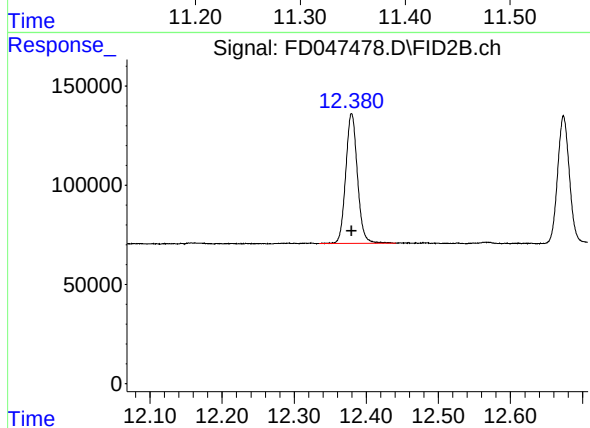
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 658950
Conc: 4.84 ug/ml



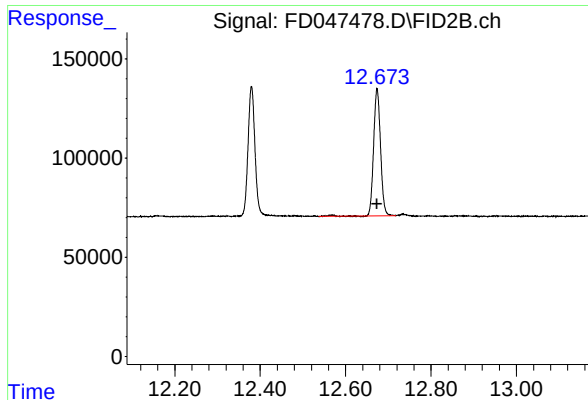
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 871457
Conc: 5.08 ug/ml



#12 Fluoranthene (C21.85)

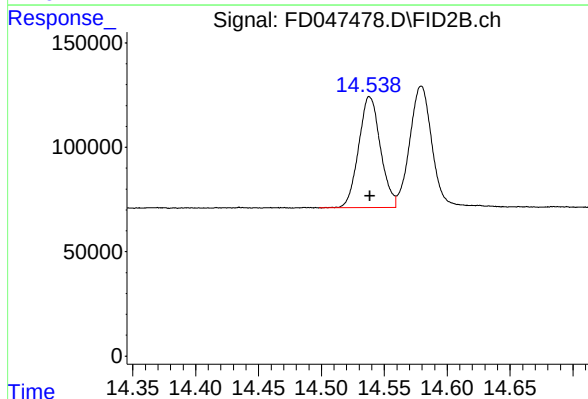
R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 737201
Conc: 4.99 ug/ml



#13 Pyrene (C20.8)

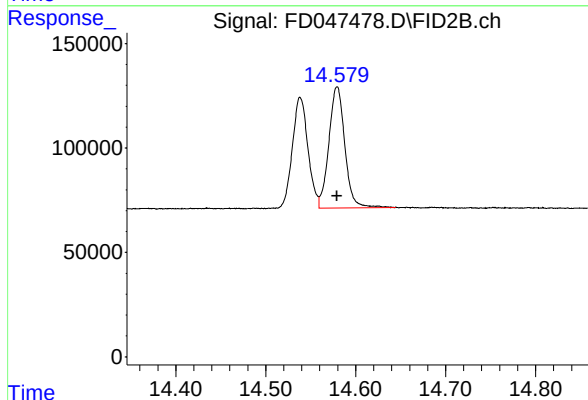
R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 722641
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



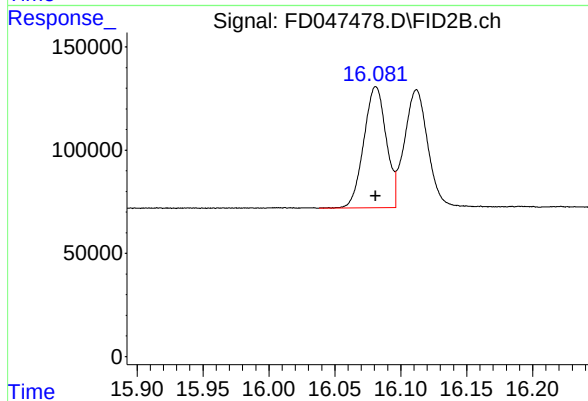
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: 0.000 min
Response: 639181
Conc: 4.86 ug/ml



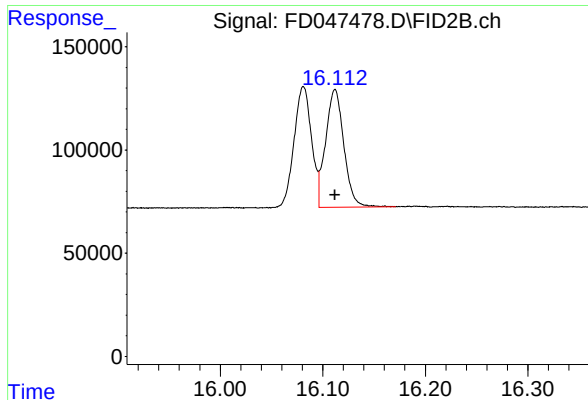
#15 Chrysene (C27.41)

R.T.: 14.579 min
Delta R.T.: 0.000 min
Response: 716705
Conc: 5.08 ug/ml



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

R.T.: 16.081 min
Delta R.T.: 0.000 min
Response: 693739
Conc: 4.97 ug/ml



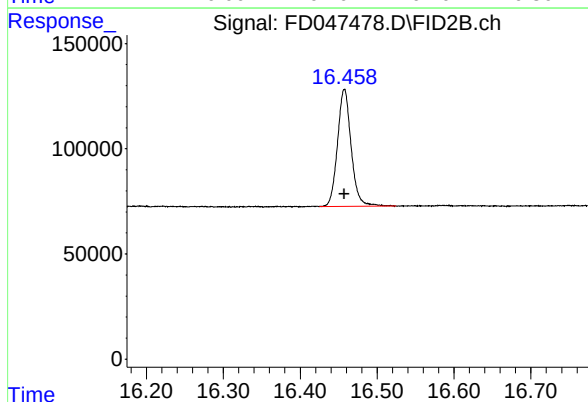
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: 0.000 min
Response: 704584
Conc: 5.07 ug/ml

Instrument :

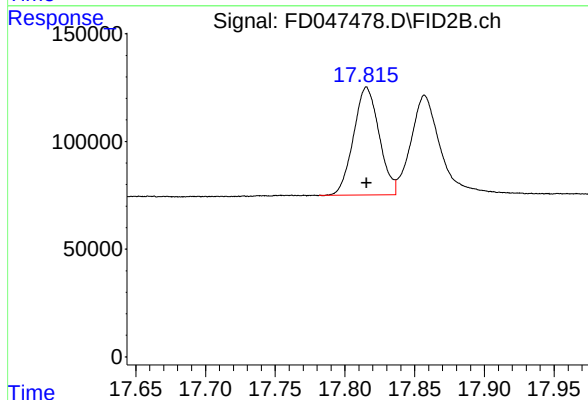
FID_D

ClientSampleId :



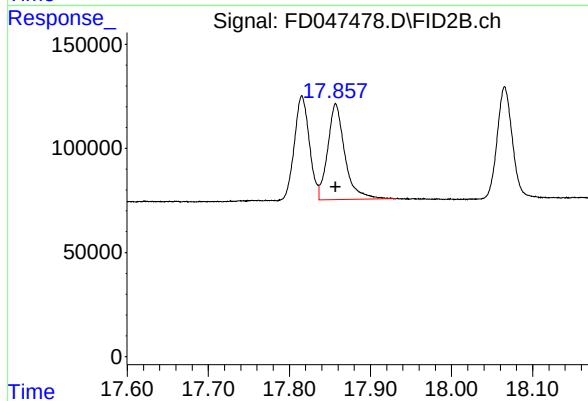
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.000 min
Response: 685278
Conc: 4.99 ug/ml



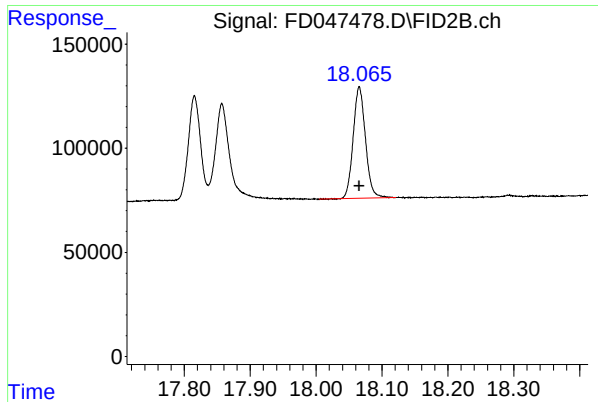
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 641998
Conc: 4.76 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.000 min
Response: 679062
Conc: 5.05 ug/ml



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

R.T.: 18.066 min

Delta R.T.: 0.000 min

Response: 695955

Conc: 5.01 ug/ml

Instrument :

FID_D

ClientSampleId :