

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047447.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 09:25
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 29 15:40:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.458	3400130	20.587 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
6) S 2-Fluorobiphenyl (SURR)	8.310	2242362	21.074 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.15%
11) S ortho-Terphenyl (SURR)	11.346	3949979	21.165 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3527987	19.851 ug/ml
2) T Naphthalene (C11.7)	5.799	3690051	20.234 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	3740962	20.512 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3410338	20.456 ug/ml
7) T Acenaphthene (C15.5)	8.408	3658364	20.765 ug/ml
8) T Flouorene (C16.55)	9.186	3532714	20.972 ug/ml
9) T Phenanthrene (C19.36)	10.573	3427608	21.164 ug/ml
10) T Anthracene (C19.43)	10.648	2763932	18.781 ug/ml
12) T Fluoranthene (C21.85)	12.376	3444083	21.603 ug/ml
13) T Pyrene (C20.8)	12.670	3329580	21.521 ug/ml
14) T Benzo[a]anthracene (C...	14.535	2967111	21.888 ug/ml
15) T Chrysene (C27.41)	14.576	3244720	21.858 ug/ml
16) T benzo[b]fluoranthene ...	16.078	3138471	22.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	3181989	22.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	3035599	21.975 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2929089	23.436 ug/ml
20) T Dibenz[a,h]anthracene...	17.852	3213038	24.364 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	3113716	23.174 ug/ml

(f)=RT Delta > 1/2 Window

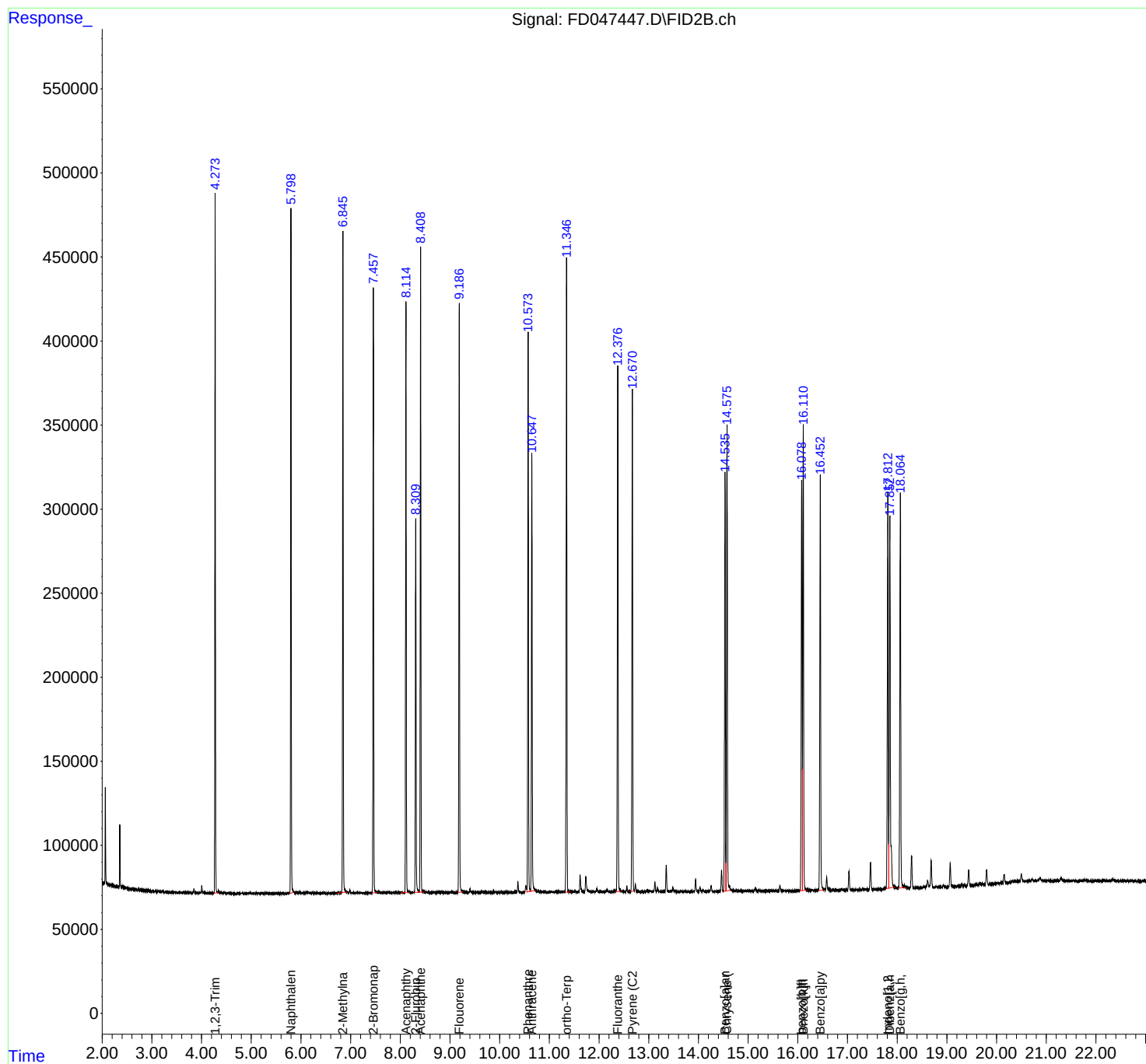
(m)=manual int.

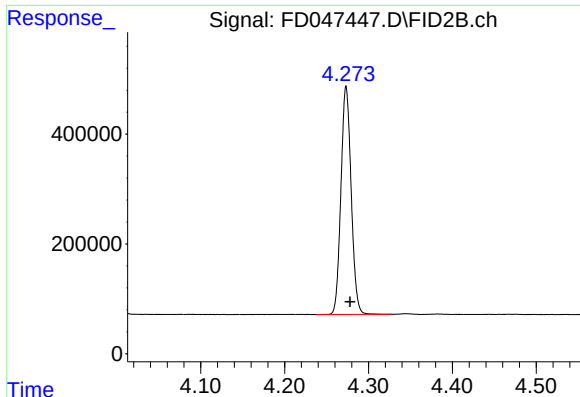
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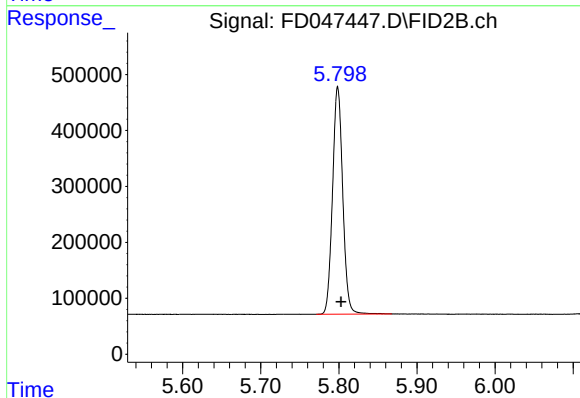




#1 1,2,3-Trimethylbenzene (C10.1)

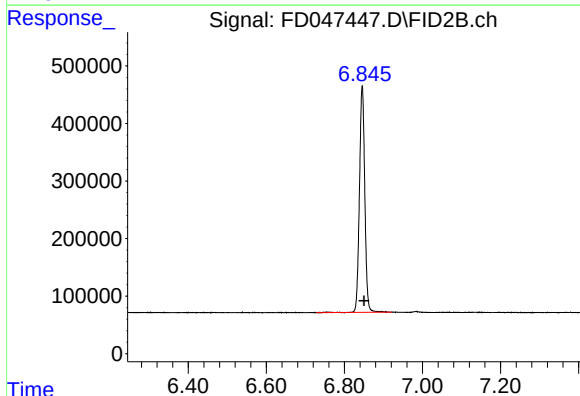
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 3527987
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



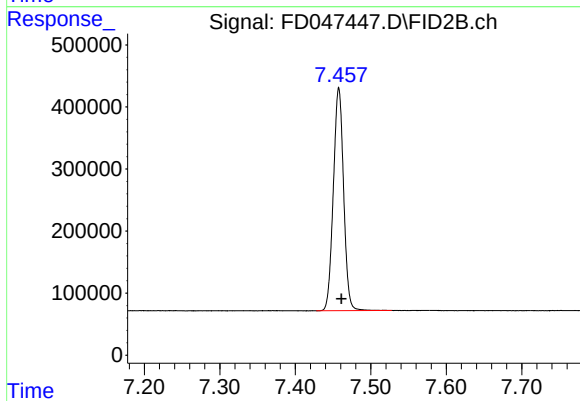
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.004 min
Response: 3690051
Conc: 20.23 ug/ml



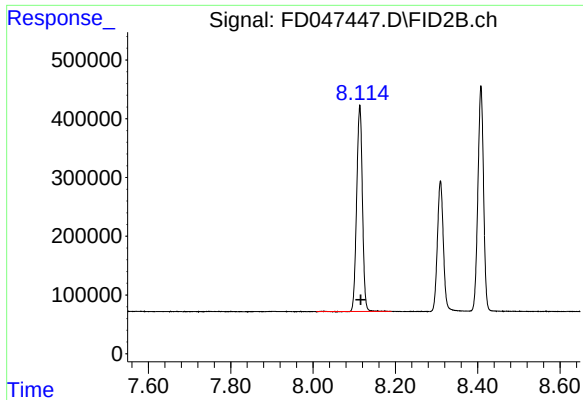
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.005 min
Response: 3740962
Conc: 20.51 ug/ml



#4 2-Bromonaphthalene (SURR)

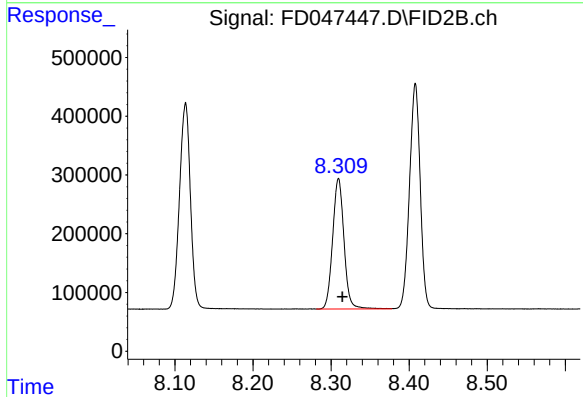
R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 3400130
Conc: 20.59 ug/ml



#5 Acenaphthylene (C15.06)

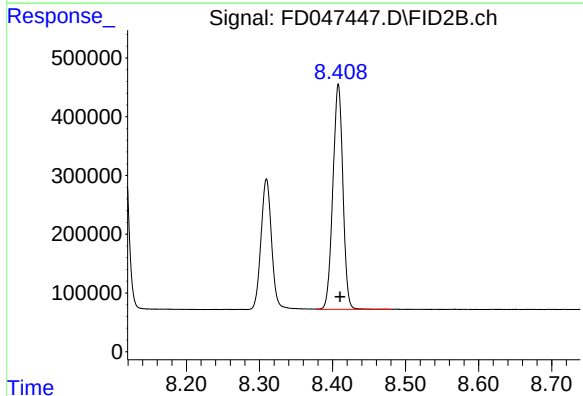
R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 3410338
Conc: 20.46 ug/ml

Instrument :
FID_D
ClientSampleId :



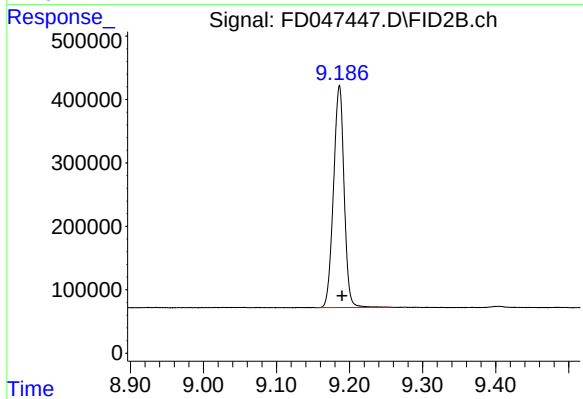
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 2242362
Conc: 21.07 ug/ml



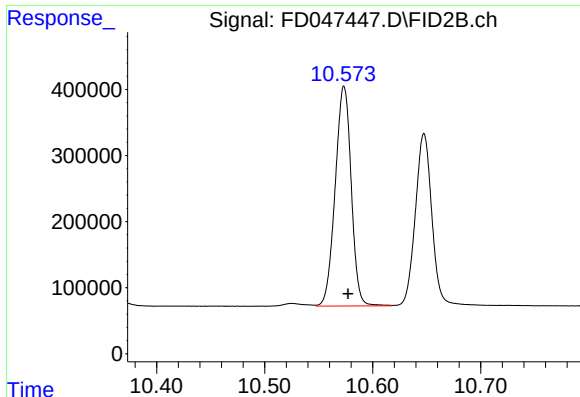
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 3658364
Conc: 20.76 ug/ml



#8 Fluorene (C16.55)

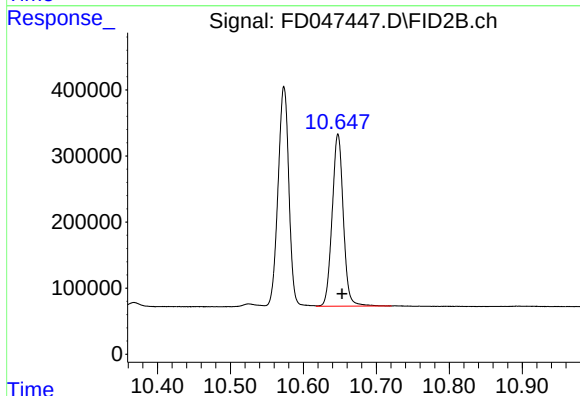
R.T.: 9.186 min
Delta R.T.: -0.004 min
Response: 3532714
Conc: 20.97 ug/ml



#9 Phenanthrene (C19.36)

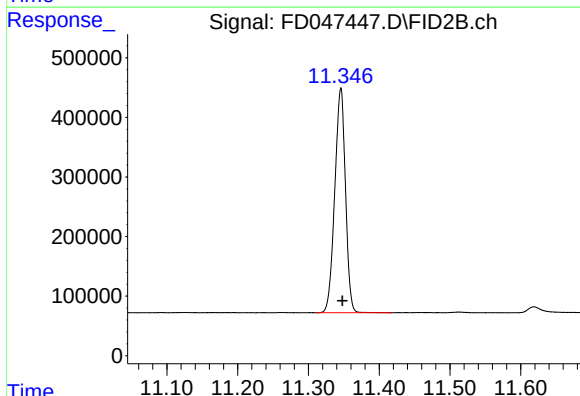
R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 3427608
Conc: 21.16 ug/ml

Instrument :
FID_D
ClientSampleId :



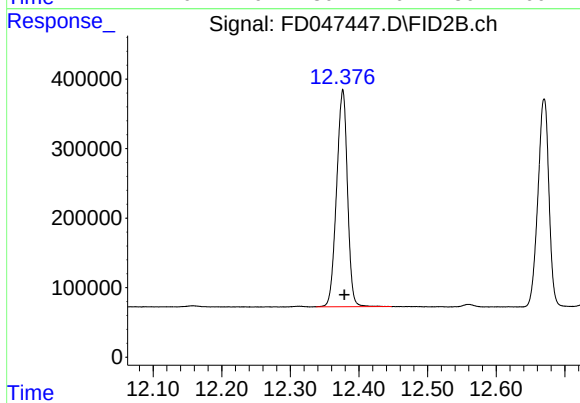
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: -0.005 min
Response: 2763932
Conc: 18.78 ug/ml



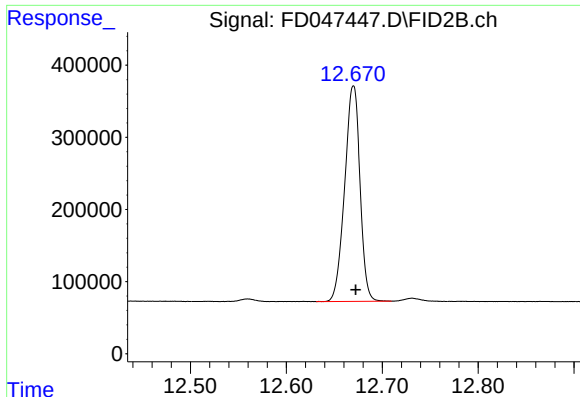
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 3949979
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

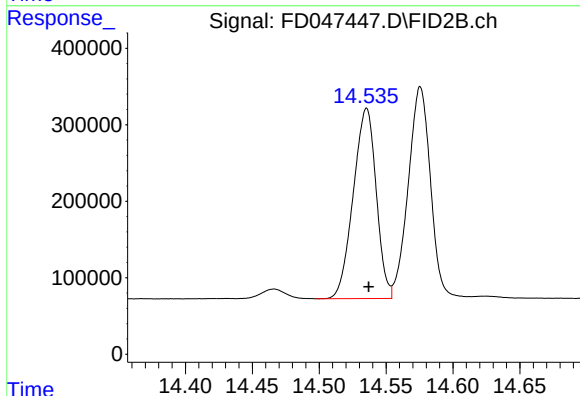
R.T.: 12.376 min
Delta R.T.: -0.002 min
Response: 3444083
Conc: 21.60 ug/ml



#13 Pyrene (C20.8)

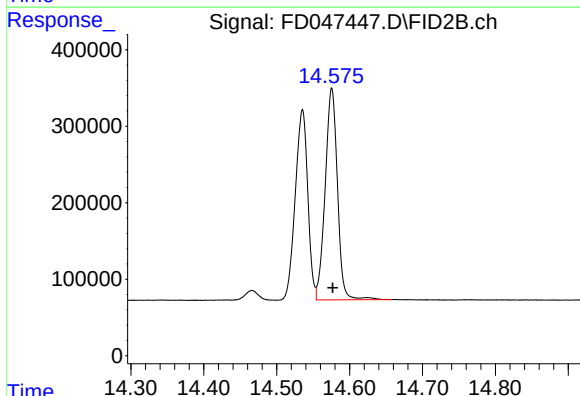
R.T.: 12.670 min
Delta R.T.: -0.002 min
Response: 3329580
Conc: 21.52 ug/ml

Instrument :
FID_D
ClientSampleId :



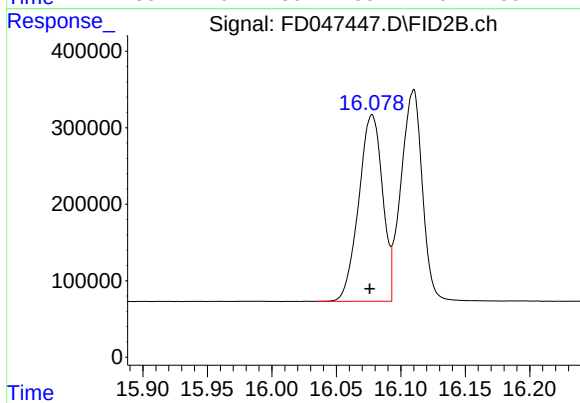
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.002 min
Response: 2967111
Conc: 21.89 ug/ml



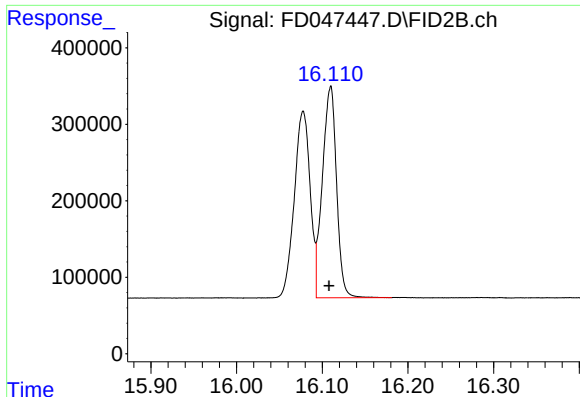
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.001 min
Response: 3244720
Conc: 21.86 ug/ml



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

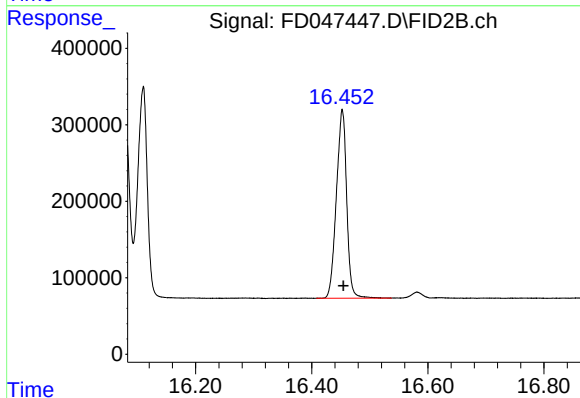
R.T.: 16.078 min
Delta R.T.: 0.002 min
Response: 3138471
Conc: 22.36 ug/ml



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

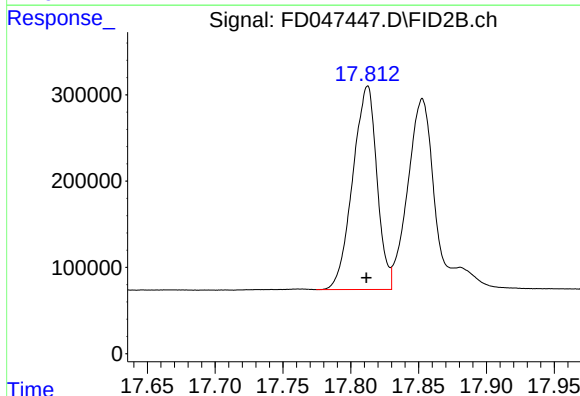
R.T.: 16.109 min
Delta R.T.: 0.002 min
Response: 3181989
Conc: 22.47 ug/ml

Instrument :
FID_D
ClientSampleId :



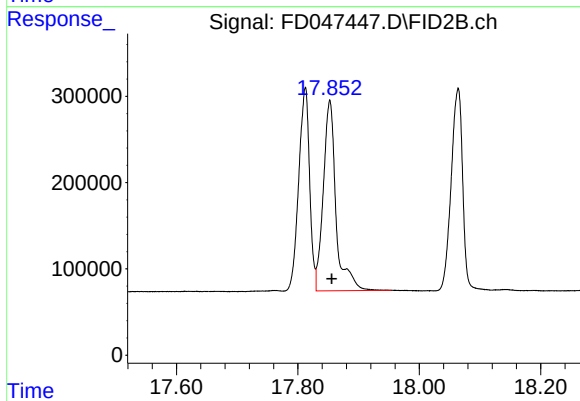
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: -0.002 min
Response: 3035599
Conc: 21.98 ug/ml



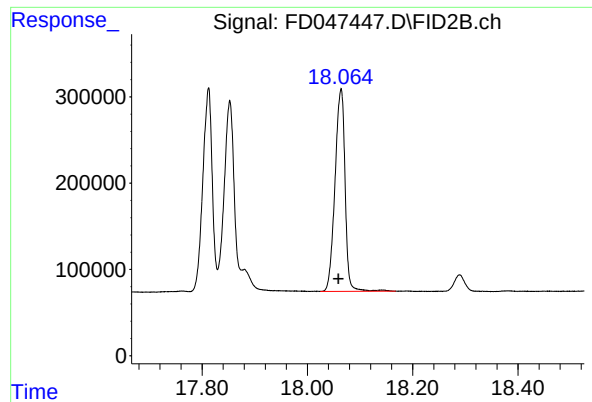
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 2929089
Conc: 23.44 ug/ml



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

R.T.: 17.852 min
Delta R.T.: -0.003 min
Response: 3213038
Conc: 24.36 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.005 min
Response: 3113716
Conc: 23.17 ug/ml

Instrument :

FID_D

ClientSampleId :