

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047364.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2024 05:44
 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: Feb 28 06:00:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3747608	24.616 ug/ml
Spiked Amount 50.000		Recovery =	49.23%
6) S 2-Fluorobiphenyl (SURR)	8.316	2496300	24.696 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.39%
11) S ortho-Terphenyl (SURR)	11.353	4305473	24.412 ug/ml
Spiked Amount 50.000		Recovery =	48.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3849483	24.418 ug/ml
2) T Naphthalene (C11.7)	5.803	4078063	24.538 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	4115023	24.401 ug/ml
5) T Acenaphthylene (C15.06)	8.119	3677904	23.896 ug/ml
7) T Acenaphthene (C15.5)	8.414	3995699	24.241 ug/ml
8) T Flouorene (C16.55)	9.192	3912160	24.675 ug/ml
9) T Phenanthrene (C19.36)	10.580	3744833	24.105 ug/ml
10) T Anthracene (C19.43)	10.655	2776835	18.830 ug/ml
12) T Fluoranthene (C21.85)	12.384	3861314	24.939 ug/ml
13) T Pyrene (C20.8)	12.677	3616717	24.043 ug/ml
14) T Benzo[a]anthracene (C...	14.542	3186459	23.705 ug/ml
15) T Chrysene (C27.41)	14.585	3482195	23.780 ug/ml
16) T benzo[b]fluoranthene ...	16.085	3308837	24.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	3548531	25.574 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	3031094	22.390 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	3078052	24.381 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	3652093	27.410 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	3195719	24.101 ug/ml

(f)=RT Delta > 1/2 Window

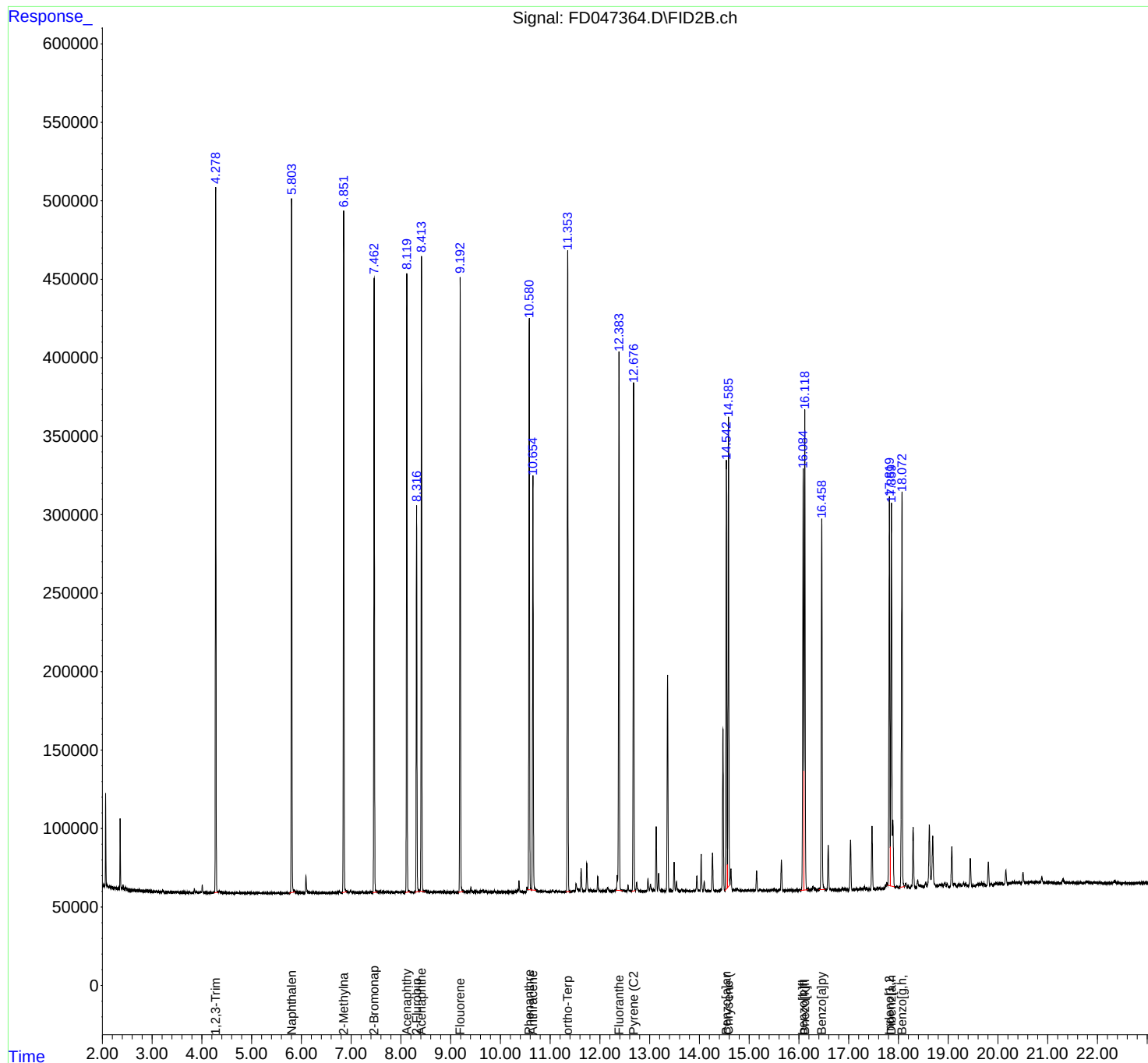
(m)=manual int.

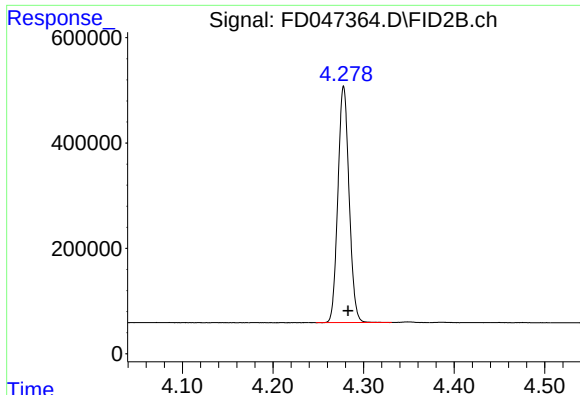
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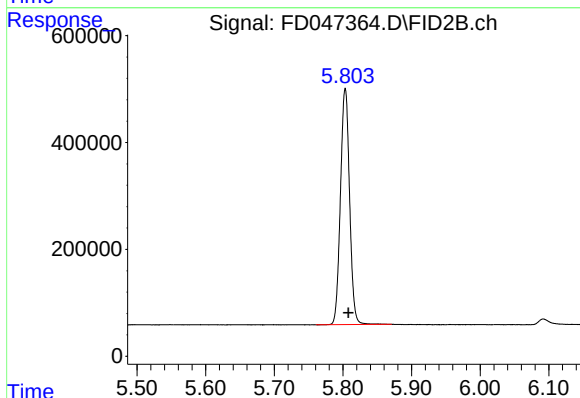




#1 1,2,3-Trimethylbenzene (C10.1)

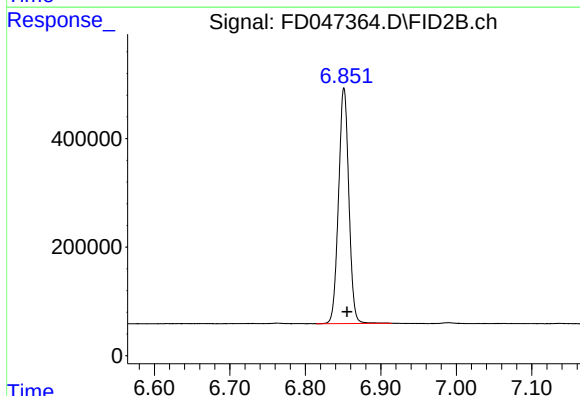
R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 3849483
Conc: 24.42 ug/ml

Instrument :
FID_D
ClientSampleId :



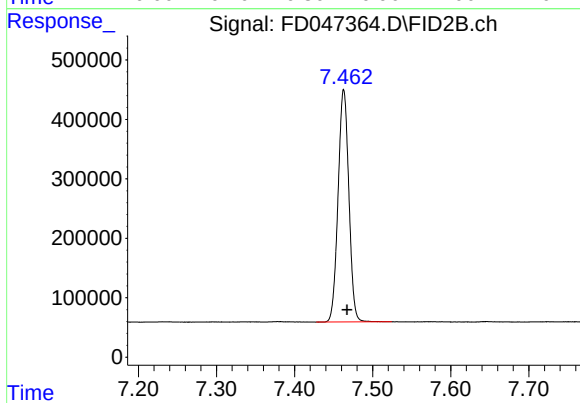
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 4078063
Conc: 24.54 ug/ml



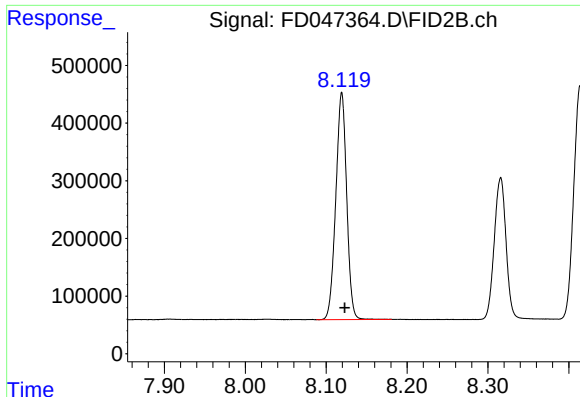
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 4115023
Conc: 24.40 ug/ml



#4 2-Bromonaphthalene (SURR)

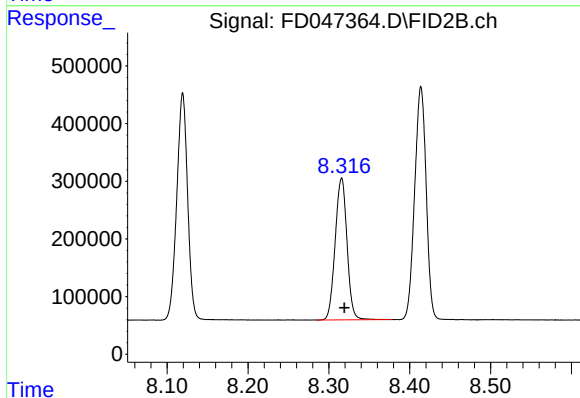
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3747608
Conc: 24.62 ug/ml



#5 Acenaphthylene (C15.06)

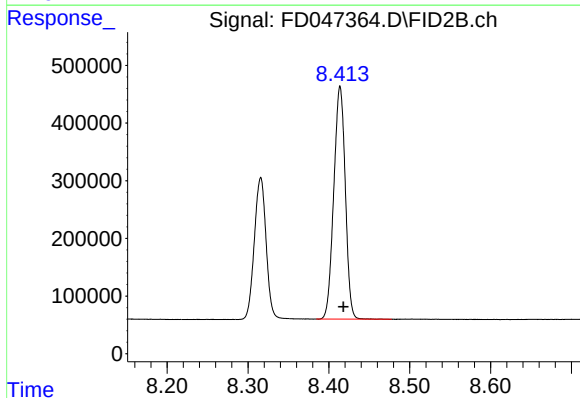
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 3677904
Conc: 23.90 ug/ml

Instrument :
FID_D
ClientSampleId :



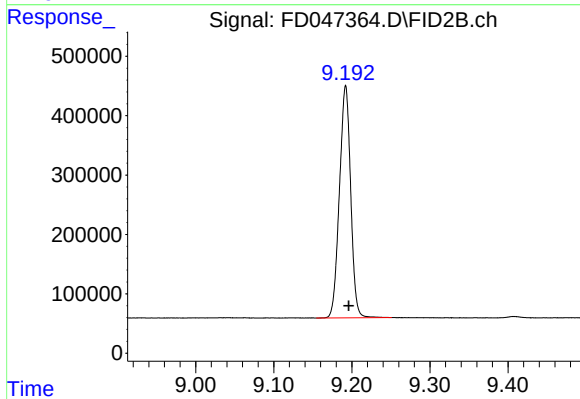
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.004 min
Response: 2496300
Conc: 24.70 ug/ml



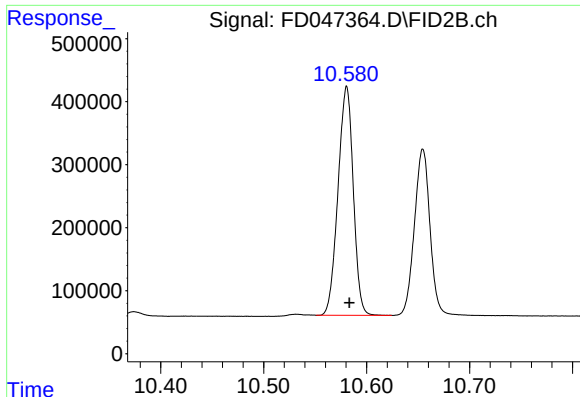
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 3995699
Conc: 24.24 ug/ml



#8 Flouorene (C16.55)

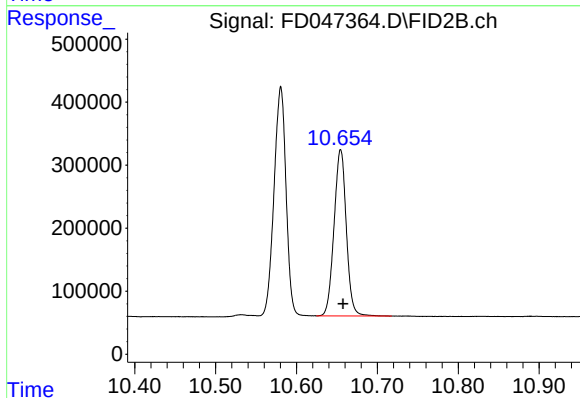
R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 3912160
Conc: 24.68 ug/ml



#9 Phenanthrene (C19.36)

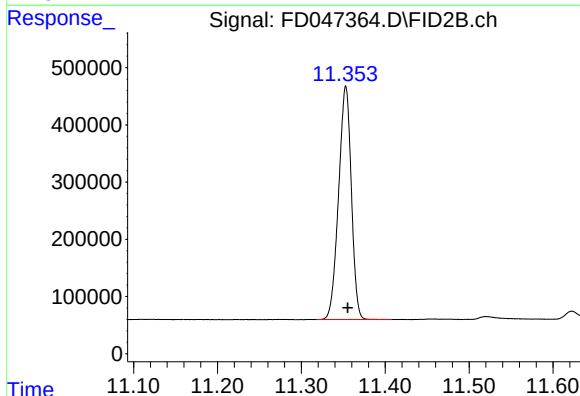
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 3744833
Conc: 24.10 ug/ml

Instrument :
FID_D
ClientSampleId :



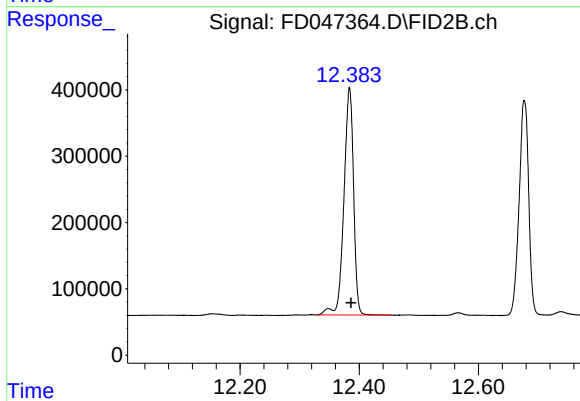
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: -0.003 min
Response: 2776835
Conc: 18.83 ug/ml



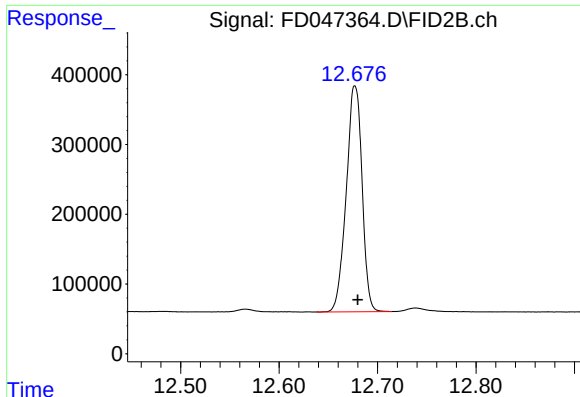
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 4305473
Conc: 24.41 ug/ml



#12 Fluoranthene (C21.85)

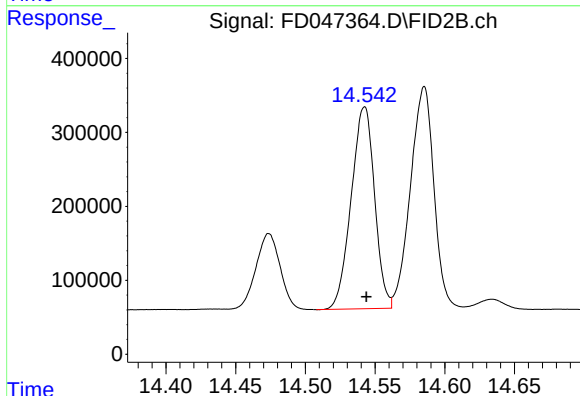
R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 3861314
Conc: 24.94 ug/ml



#13 Pyrene (C20.8)

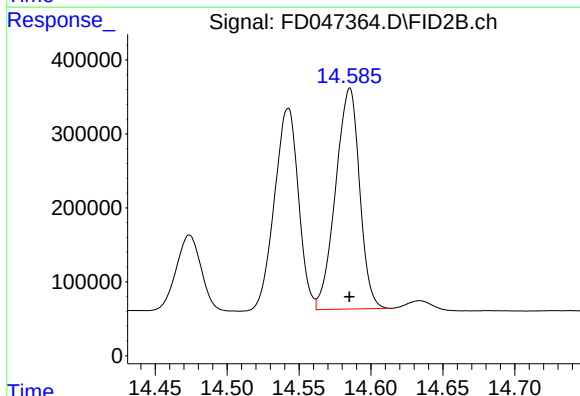
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 3616717
Conc: 24.04 ug/ml

Instrument :
FID_D
ClientSampleId :



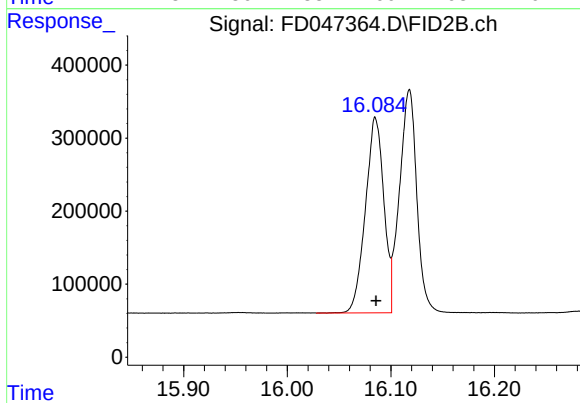
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: -0.002 min
Response: 3186459
Conc: 23.70 ug/ml



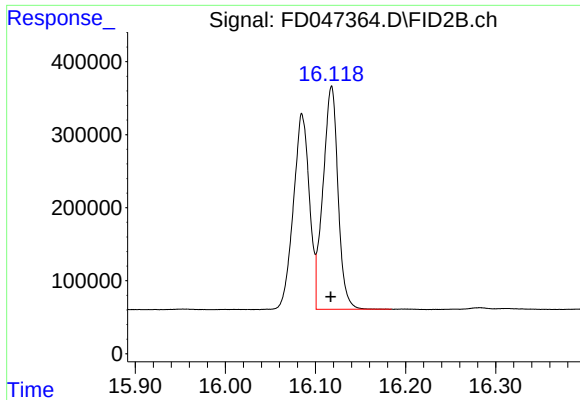
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 3482195
Conc: 23.78 ug/ml



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

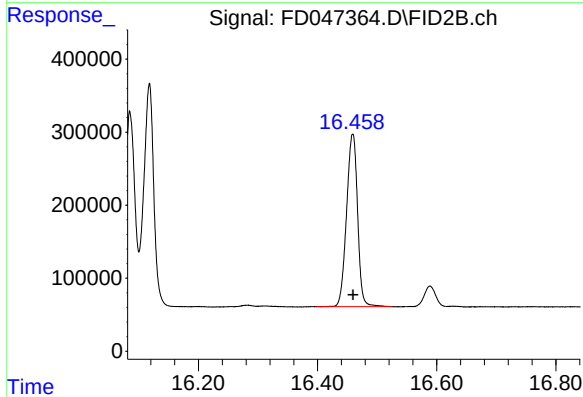
R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 3308837
Conc: 24.03 ug/ml



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

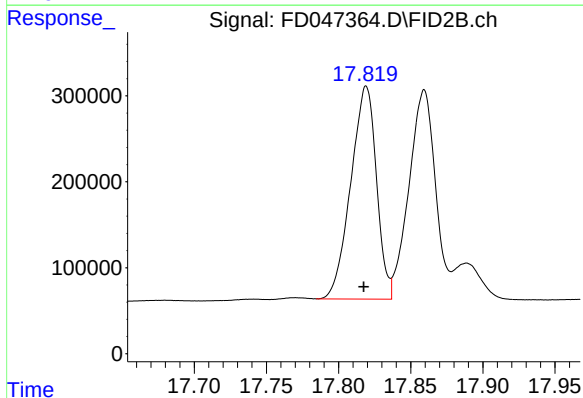
R.T.: 16.118 min
Delta R.T.: 0.000 min
Response: 3548531
Conc: 25.57 ug/ml

Instrument :
FID_D
ClientSampleId :



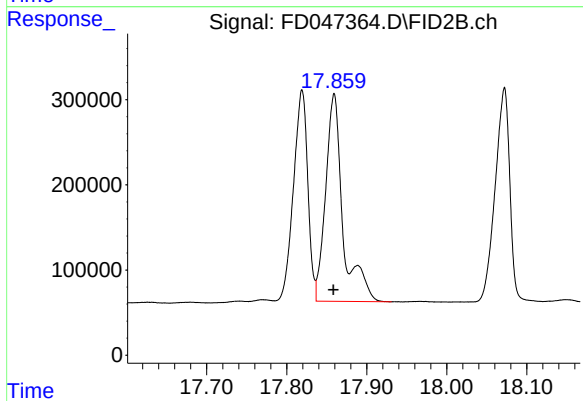
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 3031094
Conc: 22.39 ug/ml



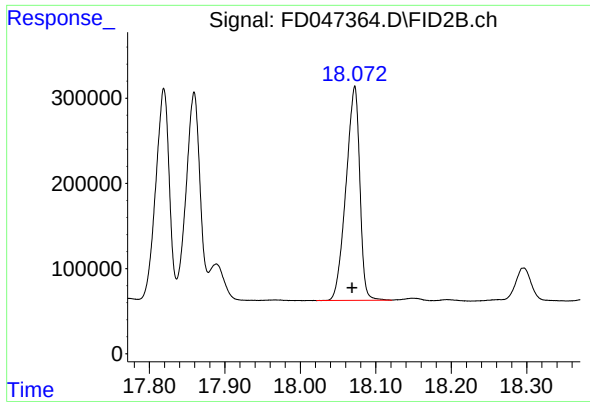
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.002 min
Response: 3078052
Conc: 24.38 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 3652093
Conc: 27.41 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.003 min
Response: 3195719
Conc: 24.10 ug/ml

Instrument :

FID_D

ClientSampleId :