

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047848.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 07:43
 Operator : YP/AJ
 Sample : P2560-10MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 08:54:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.451	10260945	73.088 ug/ml
Spiked Amount 50.000		Recovery =	146.18%
6) S 2-Fluorobiphenyl (SURR)	8.308	11596097	125.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	250.42%#
11) S ortho-Terphenyl (SURR)	11.381	95754172	598.889 ug/ml
Spiked Amount 50.000		Recovery =	1197.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.261	4976895	31.512 ug/ml
2) T Naphthalene (C11.7)	5.787	6131932	37.567 ug/ml
3) T 2-Methylnaphthalene (...)	6.838	8106771	49.197 ug/ml
5) T Acenaphthylene (C15.06)	8.110	12377991	75.732 ug/ml
7) T Acenaphthene (C15.5)	8.407	12748640	78.078 ug/ml
8) T Flouorene (C16.55)	9.193	29076171	184.828 ug/ml
9) T Phenanthrene (C19.36)	10.607	82658543	536.025 ug/ml
10) T Anthracene (C19.43)	10.643	22431215	149.210 ug/ml
12) T Fluoranthene (C21.85)	12.384	28358116	186.868 ug/ml
13) T Pyrene (C20.8)	12.666	27214632	180.522 ug/ml
14) T Benzo[a]anthracene (C...	14.566	16736292	122.088 ug/ml
15) T Chrysene (C27.41)	14.610	13719506	93.128 ug/ml
16) T benzo[b]fluoranthene ...	16.110	11995075	85.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	8209230	60.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	9903252	71.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	9141417	79.296 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	7004837	52.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	7821578	58.814 ug/ml

(f)=RT Delta > 1/2 Window

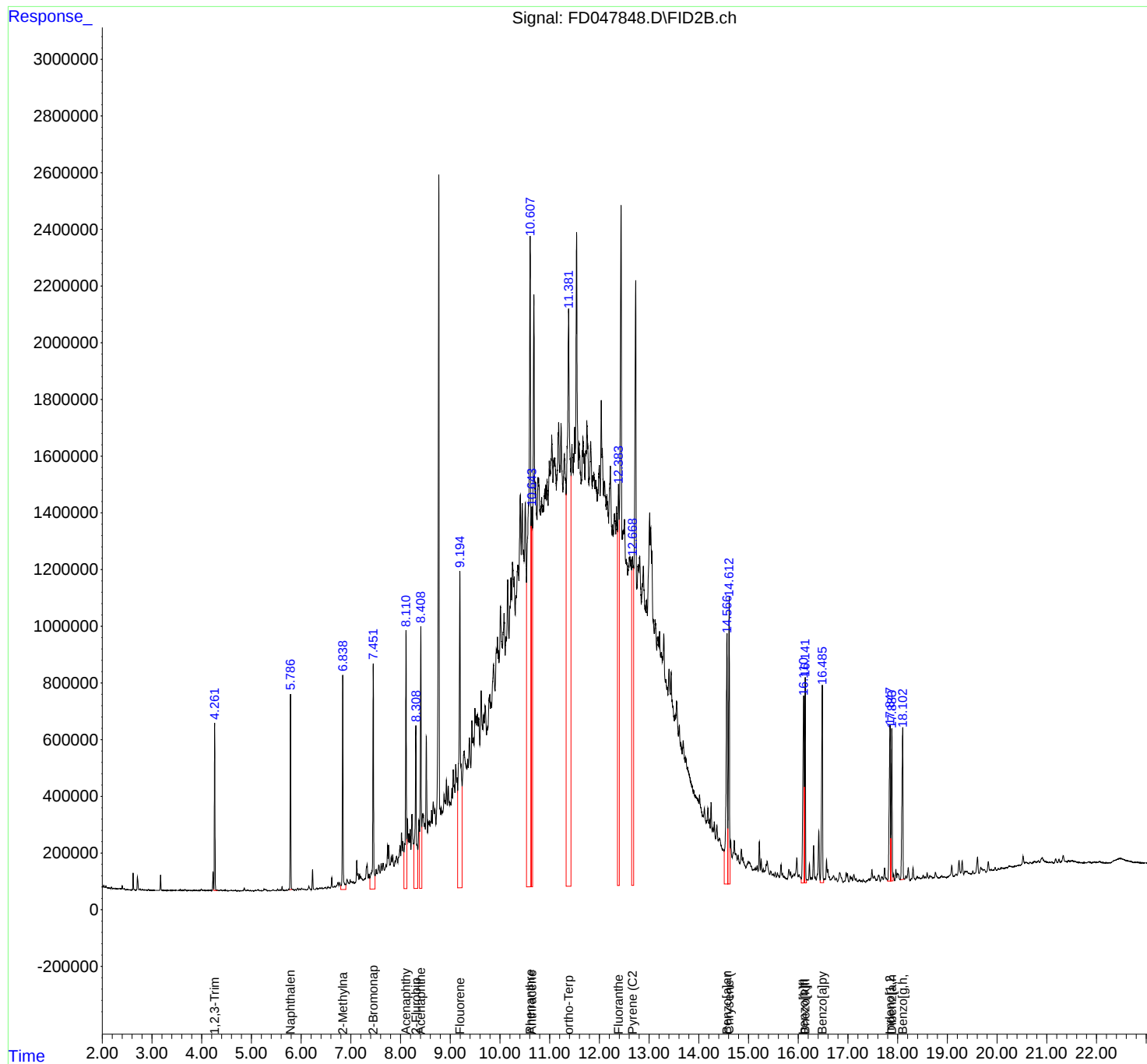
(m)=manual int.

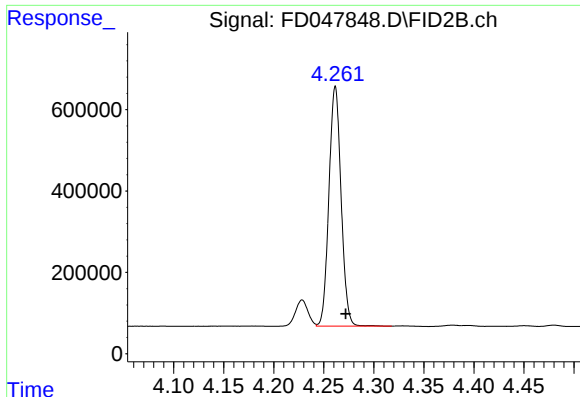
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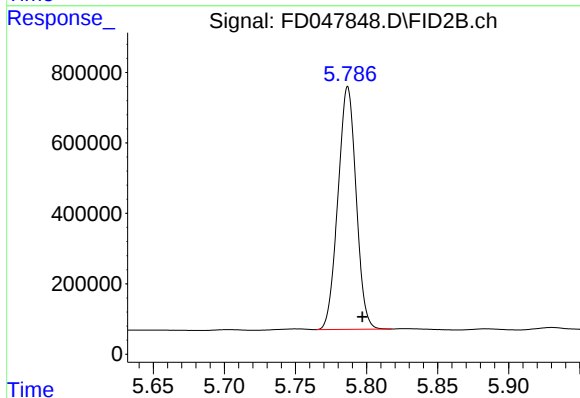




#1 1,2,3-Trimethylbenzene (C10.1)

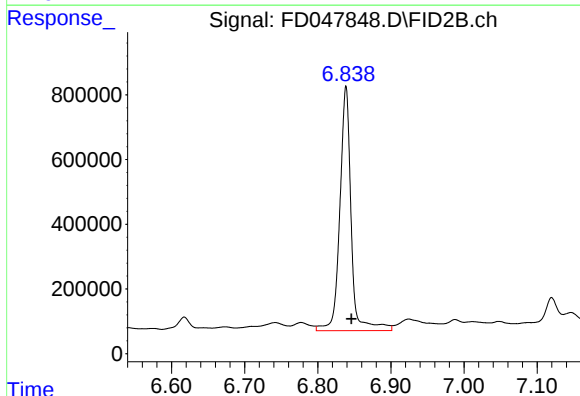
R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 4976895
Conc: 31.51 ug/ml

Instrument :
FID_D
ClientSampleId :



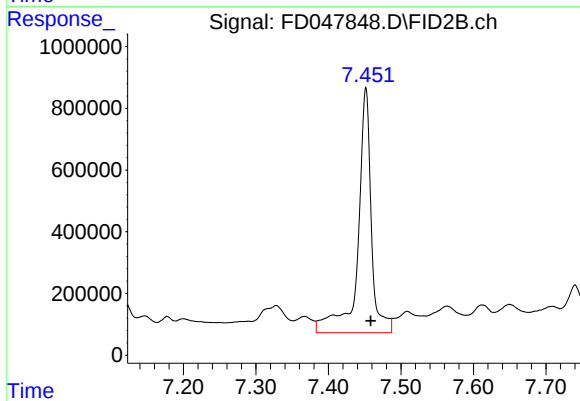
#2 Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: -0.010 min
Response: 6131932
Conc: 37.57 ug/ml



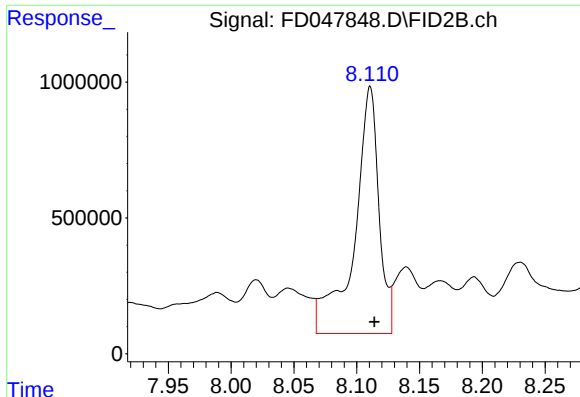
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: -0.008 min
Response: 8106771
Conc: 49.20 ug/ml



#4 2-Bromonaphthalene (SURR)

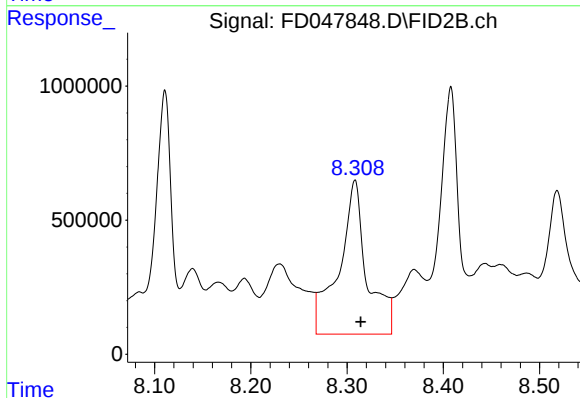
R.T.: 7.451 min
Delta R.T.: -0.007 min
Response: 10260945
Conc: 73.09 ug/ml



#5 Acenaphthylene (C15.06)

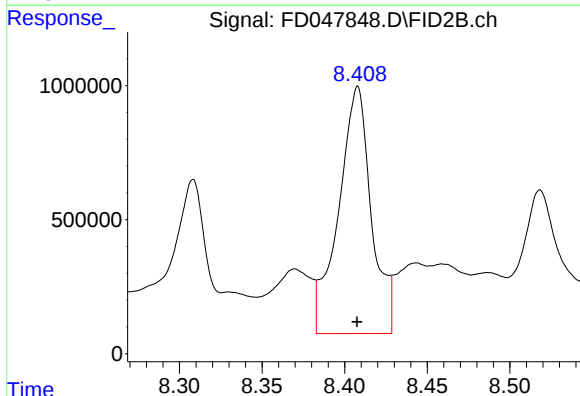
R.T.: 8.110 min
Delta R.T.: -0.004 min
Response: 12377991
Conc: 75.73 ug/ml

Instrument :
FID_D
ClientSampleId :



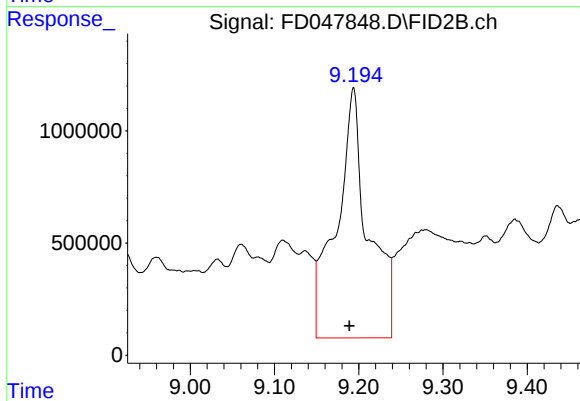
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 11596097
Conc: 125.21 ug/ml



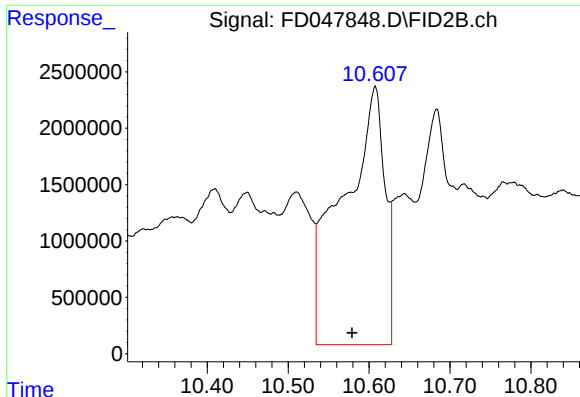
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 12748640
Conc: 78.08 ug/ml



#8 Flouorene (C16.55)

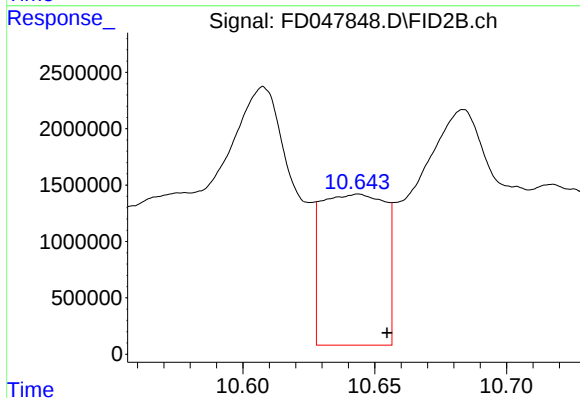
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 29076171
Conc: 184.83 ug/ml



#9 Phenanthrene (C19.36)

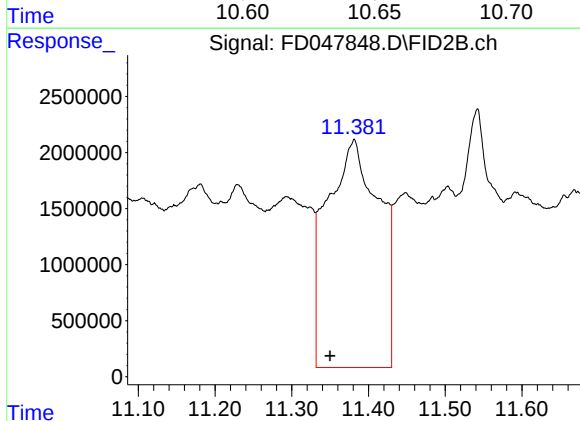
R.T.: 10.607 min
Delta R.T.: 0.028 min
Response: 82658543
Conc: 536.03 ug/ml

Instrument :
FID_D
ClientSampleId :



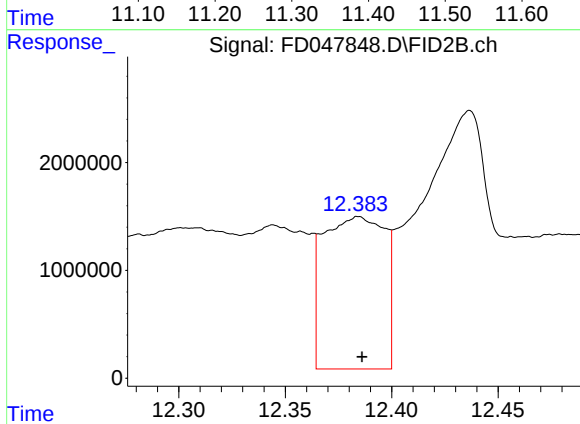
#10 Anthracene (C19.43)

R.T.: 10.643 min
Delta R.T.: -0.011 min
Response: 22431215
Conc: 149.21 ug/ml



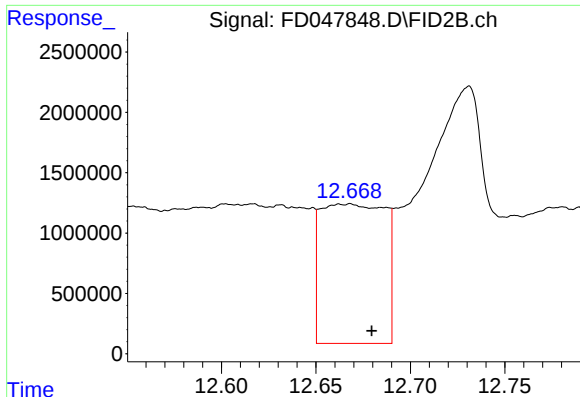
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.031 min
Response: 95754172
Conc: 598.89 ug/ml



#12 Fluoranthene (C21.85)

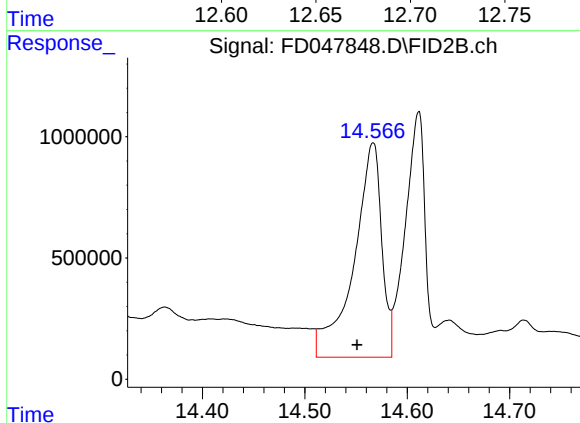
R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 28358116
Conc: 186.87 ug/ml



#13 Pyrene (C20.8)

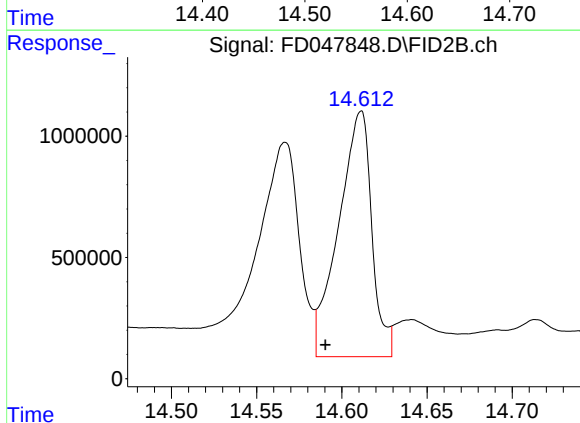
R.T.: 12.666 min
Delta R.T.: -0.013 min
Response: 27214632
Conc: 180.52 ug/ml

Instrument :
FID_D
ClientSampleId :



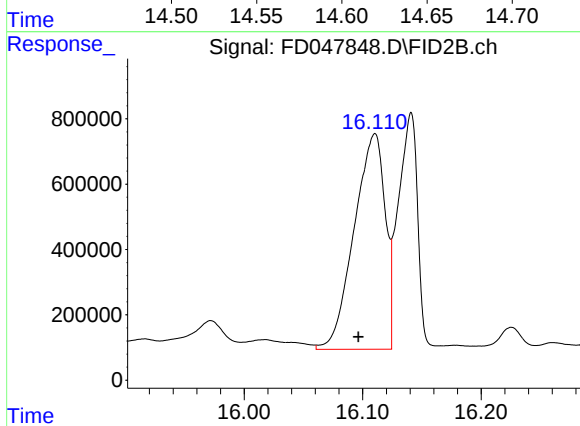
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: 0.015 min
Response: 16736292
Conc: 122.09 ug/ml



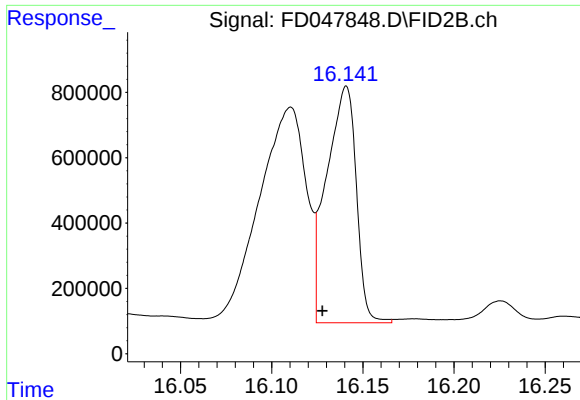
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.020 min
Response: 13719506
Conc: 93.13 ug/ml



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

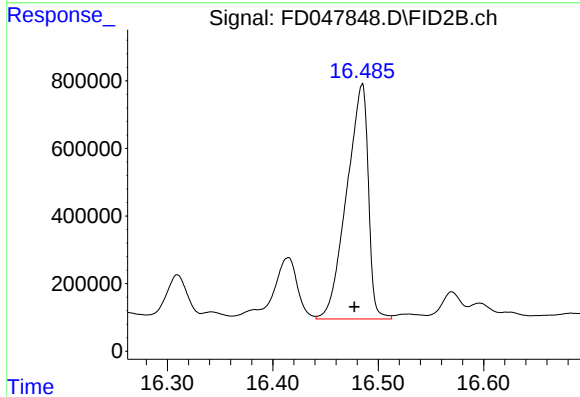
R.T.: 16.110 min
Delta R.T.: 0.013 min
Response: 11995075
Conc: 85.23 ug/ml



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

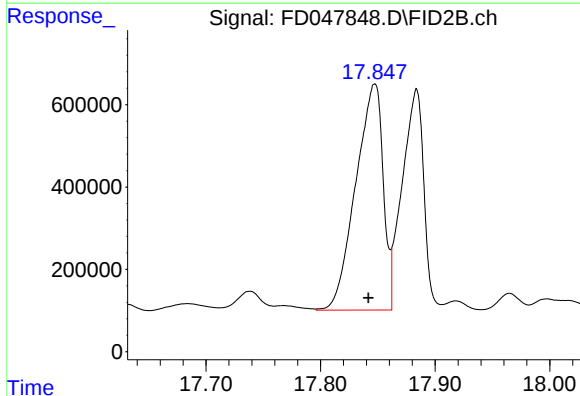
R.T.: 16.140 min
Delta R.T.: 0.012 min
Response: 8209230
Conc: 60.28 ug/ml

Instrument :
FID_D
ClientSampleId :



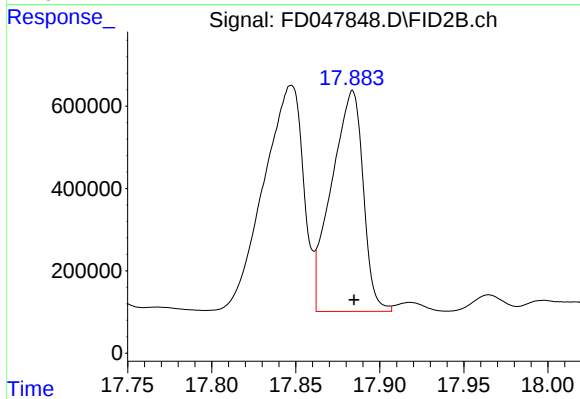
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.006 min
Response: 9903252
Conc: 71.55 ug/ml



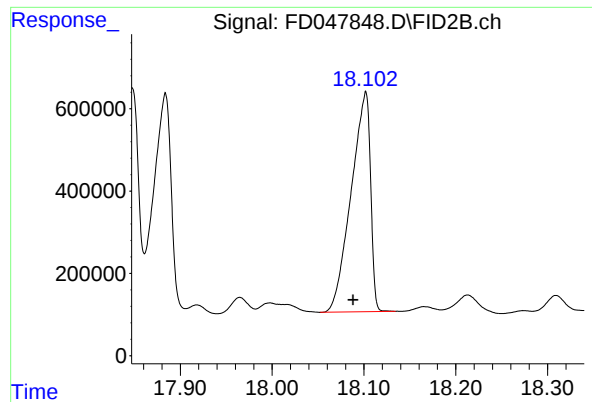
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.005 min
Response: 9141417
Conc: 79.30 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.002 min
Response: 7004837
Conc: 52.53 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.012 min
Response: 7821578
Conc: 58.81 ug/ml

Instrument :

FID_D

ClientSampleId :