

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047276.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 17:47
 Operator : YP/AJ
 Sample : P1464-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 03:44:01 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...	7.468	10423519	68.467 ug/ml
Spiked Amount 50.000		Recovery =	136.93%
6) S 2-Fluorobiphenyl (SURR)	8.322	7183262	71.066 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	142.13%#
11) S ortho-Terphenyl (SURR)	11.359	9680054	54.885 ug/ml
Spiked Amount 50.000		Recovery =	109.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	27395	0.174 ug/ml
2) T Naphthalene (C11.7)	5.804	752287	4.526 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	2564890	15.209 ug/ml
5) T Acenaphthylene (C15.06)	8.101	4487178	29.154 ug/ml
7) T Acenaphthene (C15.5)	8.415	610845	3.706 ug/ml
8) T Flouorene (C16.55)	9.194	613051	3.867 ug/ml
9) T Phenanthrene (C19.36)	10.582	1279542	8.236 ug/ml
10) T Anthracene (C19.43)	10.659	528421	3.583 ug/ml
12) T Fluoranthene (C21.85)	12.384	1721265	11.117 ug/ml
13) T Pyrene (C20.8)	12.677	1420661	9.444 ug/ml
14) T Benzo[a]anthracene (C...	14.541	787218	5.856 ug/ml
15) T Chrysene (C27.41)	14.581	837266	5.718 ug/ml
16) T benzo[b]fluoranthene ...	16.084	1029001	7.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	316988	2.284 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	569525	4.511 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	303381	2.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	497970	3.756 ug/ml

(f)=RT Delta > 1/2 Window

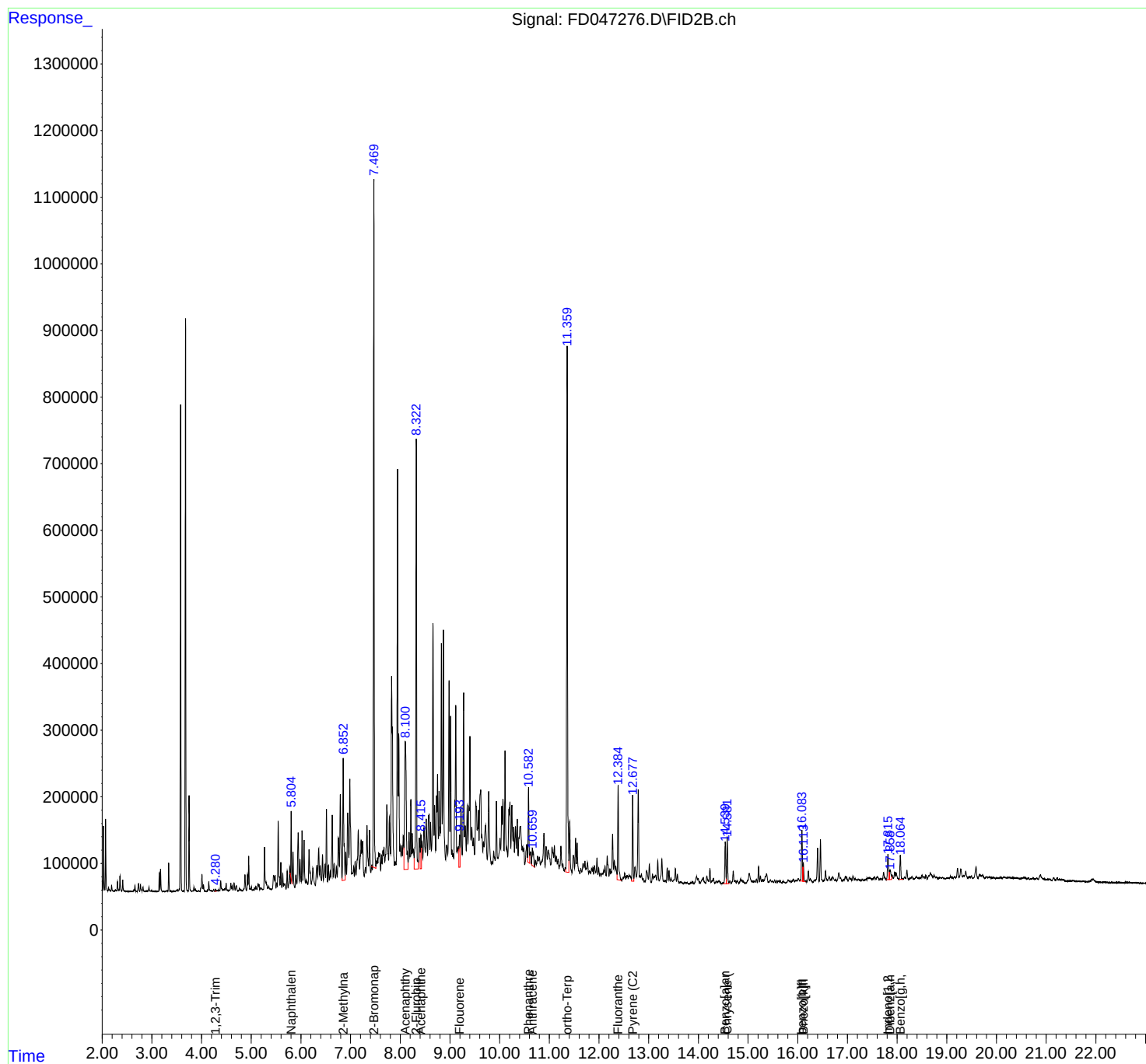
(m)=manual int.

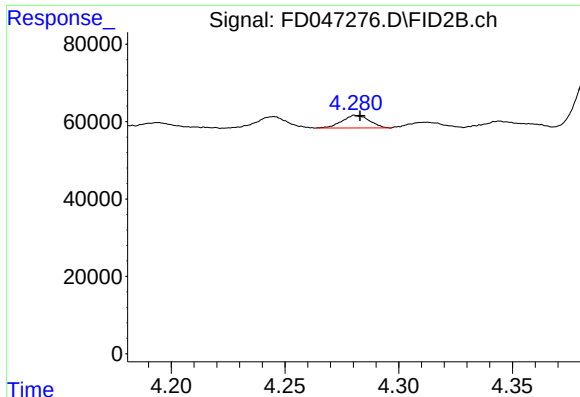
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02224AR\
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Acq On : 22 Feb 2024 17:47
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Sample : P1464-01
Misc :
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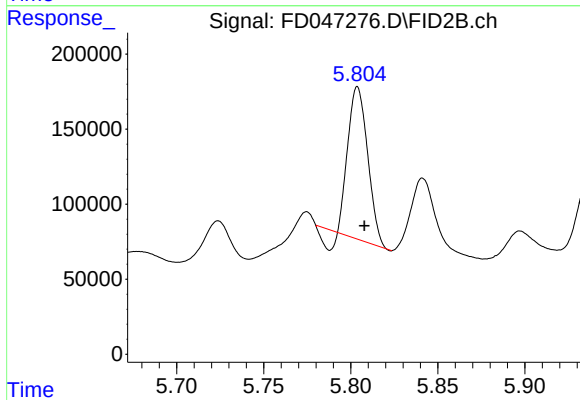




#1 1,2,3-Trimethylbenzene (C10.1)

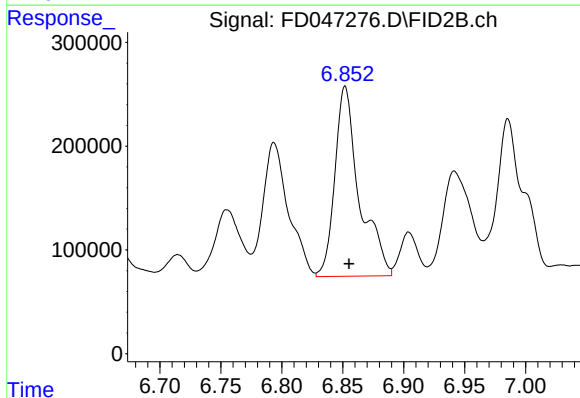
R.T.: 4.282 min
Delta R.T.: -0.001 min
Response: 27395
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



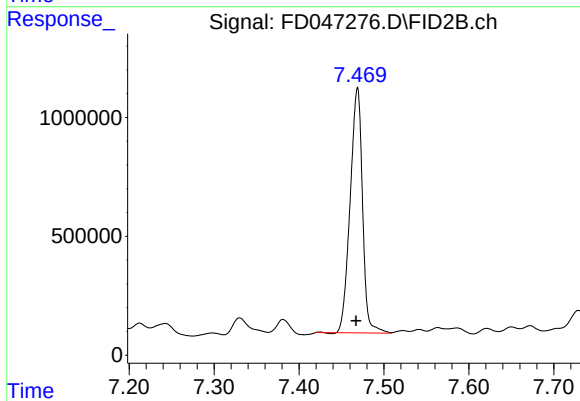
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 752287
Conc: 4.53 ug/ml



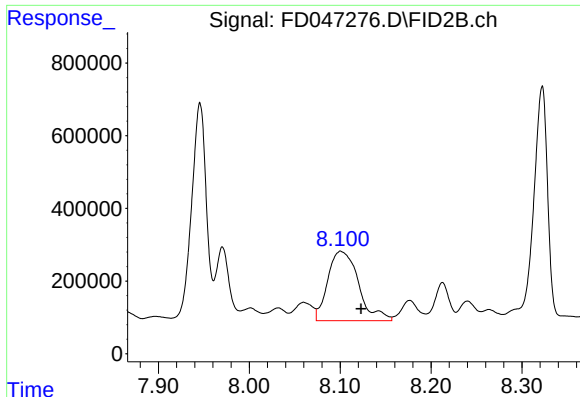
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 2564890
Conc: 15.21 ug/ml



#4 2-Bromonaphthalene (SURR)

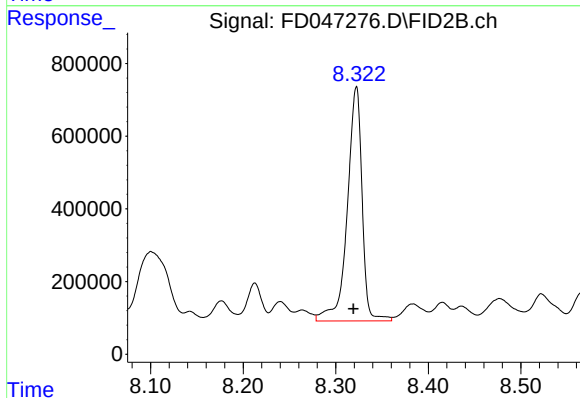
R.T.: 7.468 min
Delta R.T.: 0.001 min
Response: 10423519
Conc: 68.47 ug/ml



#5 Acenaphthylene (C15.06)

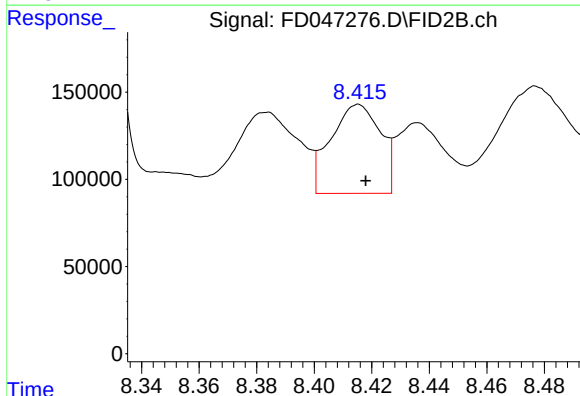
R.T.: 8.101 min
Delta R.T.: -0.022 min
Response: 4487178
Conc: 29.15 ug/ml

Instrument :
FID_D
ClientSampleId :



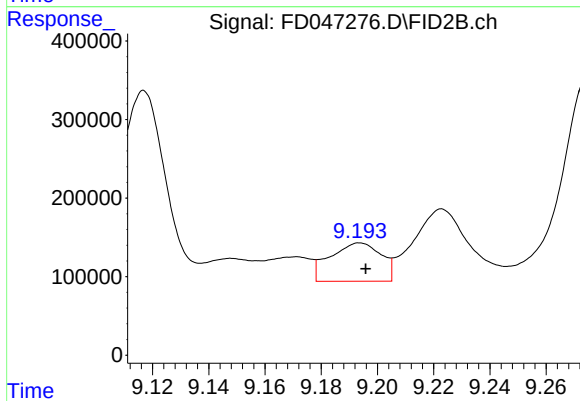
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.003 min
Response: 7183262
Conc: 71.07 ug/ml



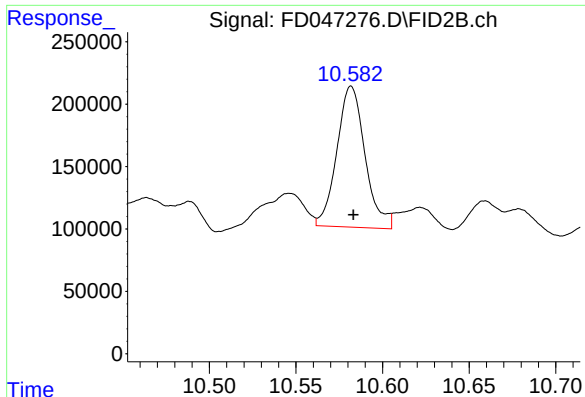
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 610845
Conc: 3.71 ug/ml



#8 Flouorene (C16.55)

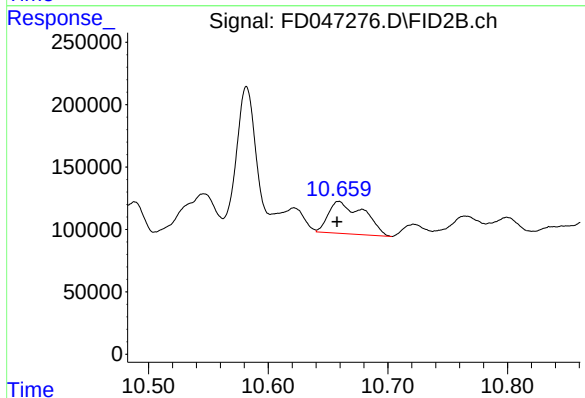
R.T.: 9.194 min
Delta R.T.: -0.002 min
Response: 613051
Conc: 3.87 ug/ml



#9 Phenanthrene (C19.36)

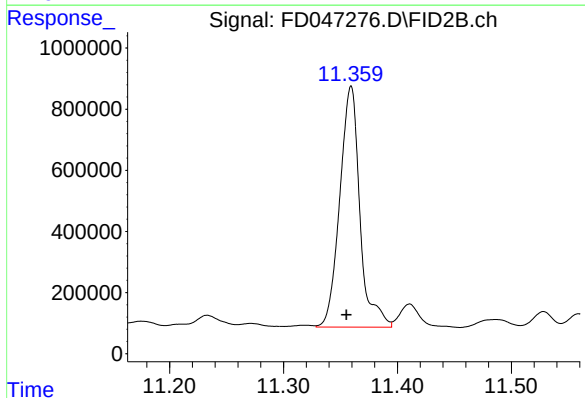
R.T.: 10.582 min
Delta R.T.: -0.001 min
Response: 1279542
Conc: 8.24 ug/ml

Instrument :
FID_D
ClientSampleId :



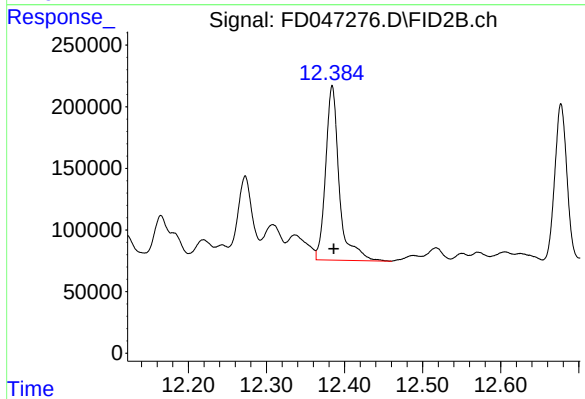
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.001 min
Response: 528421
Conc: 3.58 ug/ml



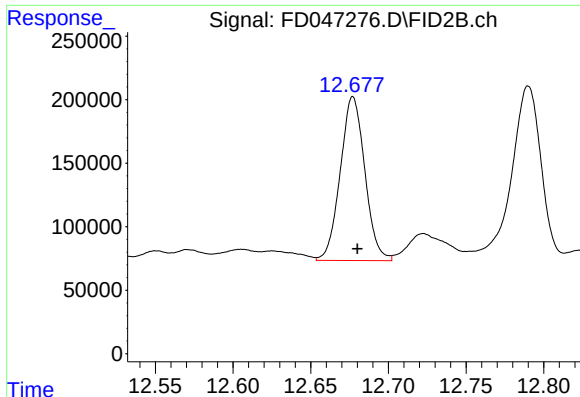
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 9680054
Conc: 54.89 ug/ml



#12 Fluoranthene (C21.85)

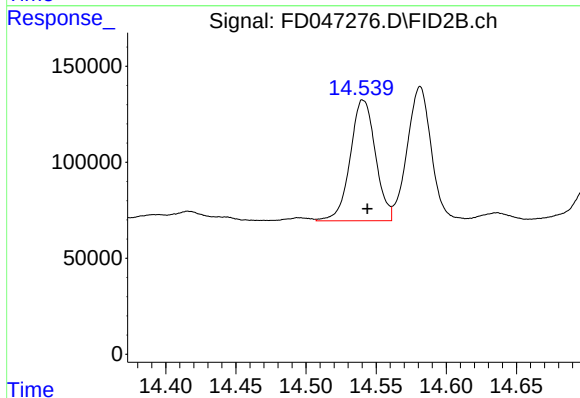
R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 1721265
Conc: 11.12 ug/ml



#13 Pyrene (C20.8)

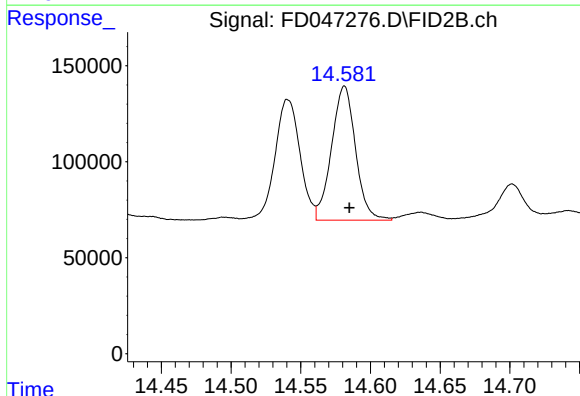
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 1420661
Conc: 9.44 ug/ml

Instrument :
FID_D
ClientSampleId :



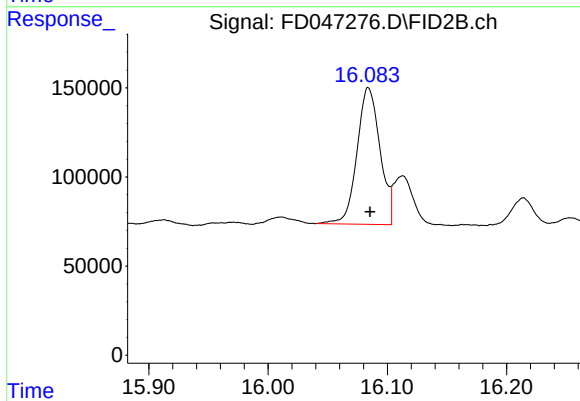
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 787218
Conc: 5.86 ug/ml



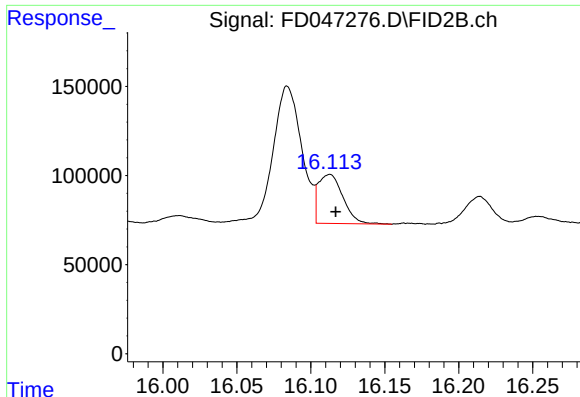
#15 Chrysene (C27.41)

R.T.: 14.581 min
Delta R.T.: -0.004 min
Response: 837266
Conc: 5.72 ug/ml



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

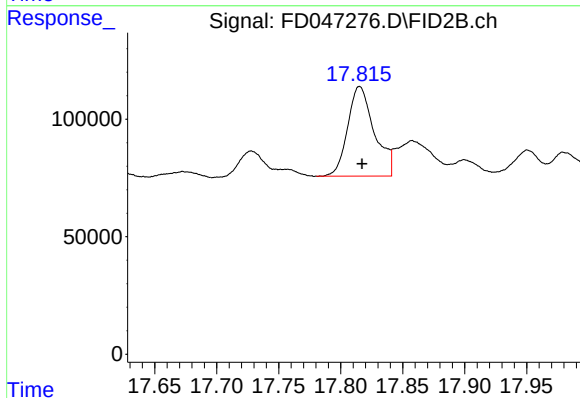
R.T.: 16.084 min
Delta R.T.: -0.001 min
Response: 1029001
Conc: 7.47 ug/ml



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

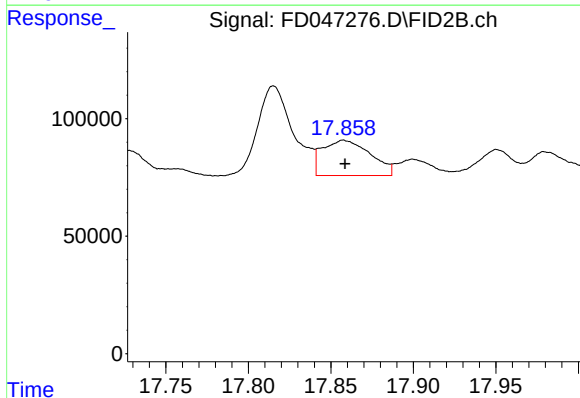
R.T.: 16.112 min
Delta R.T.: -0.005 min
Response: 316988
Conc: 2.28 ug/ml

Instrument :
FID_D
ClientSampleId :



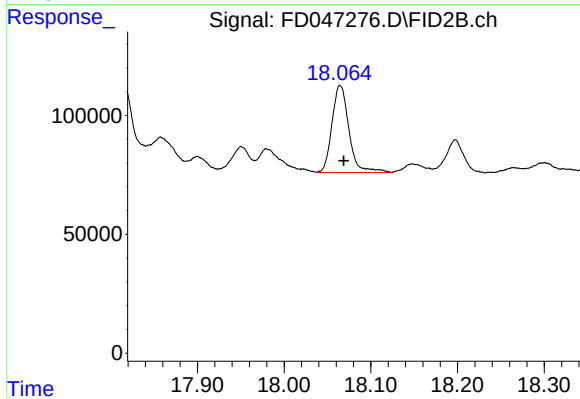
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.002 min
Response: 569525
Conc: 4.51 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 303381
Conc: 2.28 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 497970
Conc: 3.76 ug/ml