

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047539.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 22:41
 Operator : YP/AJ
 Sample : P2124-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 04:35:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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	7641427	51.113 ug/ml
Spiked Amount 50.000		Recovery =	102.23%
6) S 2-Fluorobiphenyl (SURR)	8.321	5154667	52.756 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.51%
11) S ortho-Terphenyl (SURR)	11.366	7176564	41.864 ug/ml
Spiked Amount 50.000		Recovery =	83.73%
Target Compounds			
2) T Naphthalene (C11.7)	5.803	192592	1.177 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	6431632	39.102 ug/ml
5) T Acenaphthylene (C15.06)	8.110	14083214	93.303 ug/ml
7) T Acenaphthene (C15.5)	8.384	1074318	6.708 ug/ml
8) T Fluorene (C16.55)	9.220	46826345	302.689 ug/ml
9) T Phenanthrene (C19.36)	10.630	86438884	580.980 ug/ml
10) T Anthracene (C19.43)	10.630	86438884	635.548 ug/ml
12) T Fluoranthene (C21.85)	12.356	1229927	8.320 ug/ml
13) T Pyrene (C20.8)	12.705	22727409	157.479 ug/ml
14) T Benzo[a]anthracene (C...	14.550	4852390	36.897 ug/ml
15) T Chrysene (C27.41)	14.591	4654411	33.008 ug/ml
16) T benzo[b]fluoranthene ...	16.093	3235650	23.192 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	3235650	23.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	1965352	14.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	873190	6.473 ug/ml
20) T Dibenzo[a,h]anthracene...	17.867	528043	3.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	770336	5.550 ug/ml

(f)=RT Delta > 1/2 Window

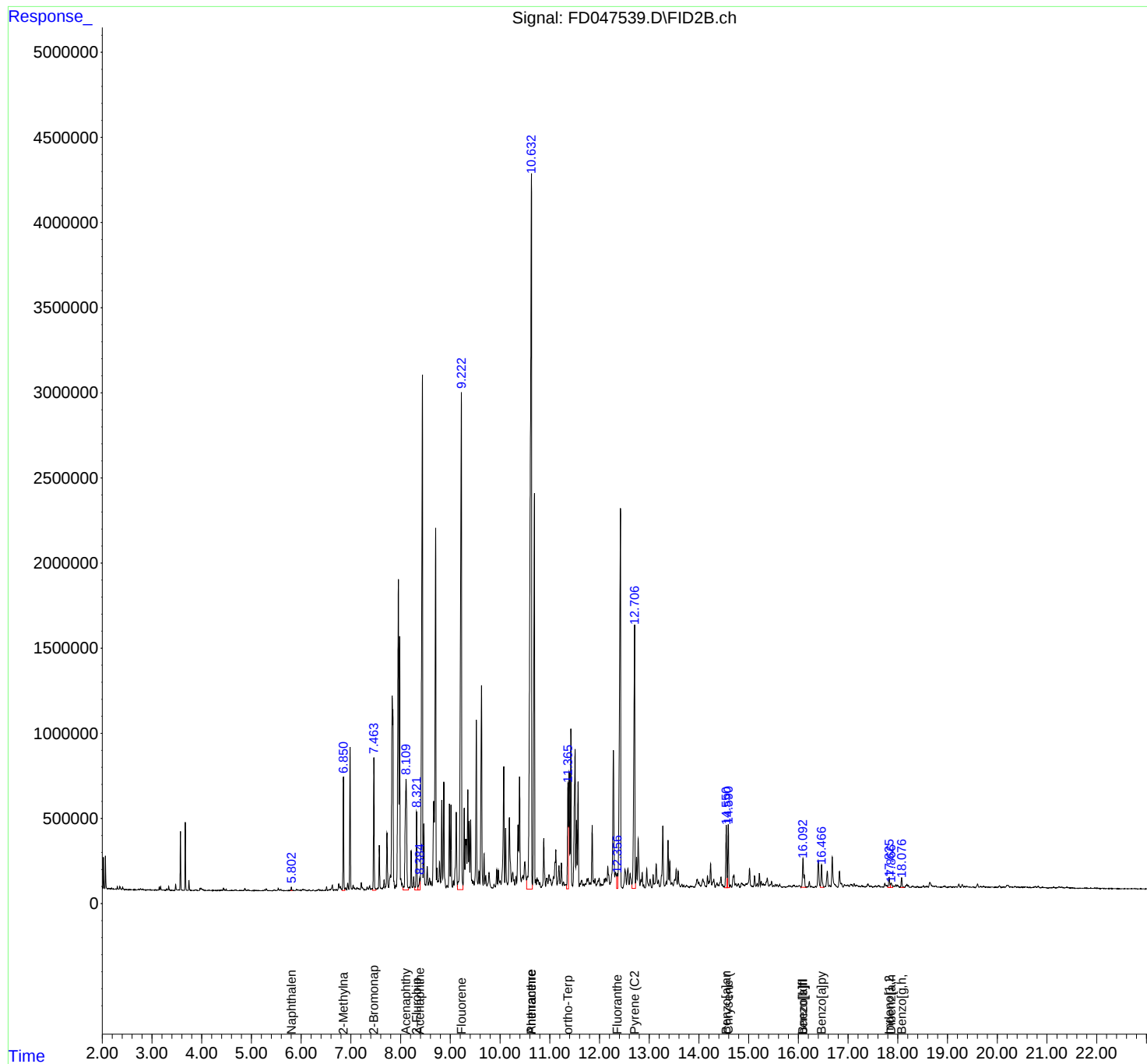
(m)=manual int.

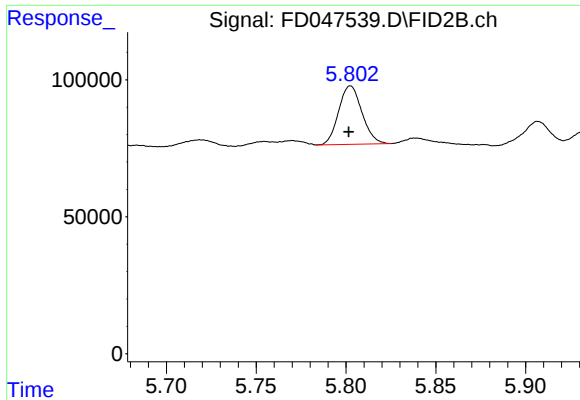
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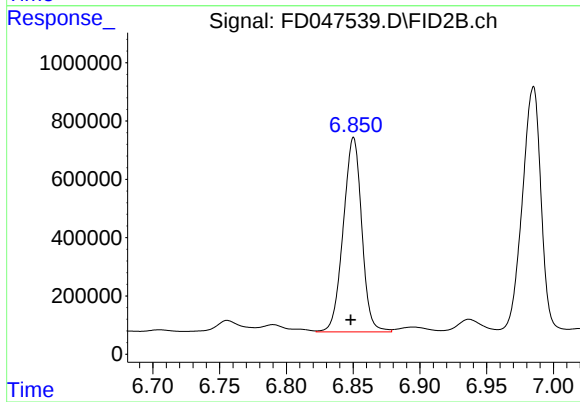




#2 Naphthalene (C11.7)

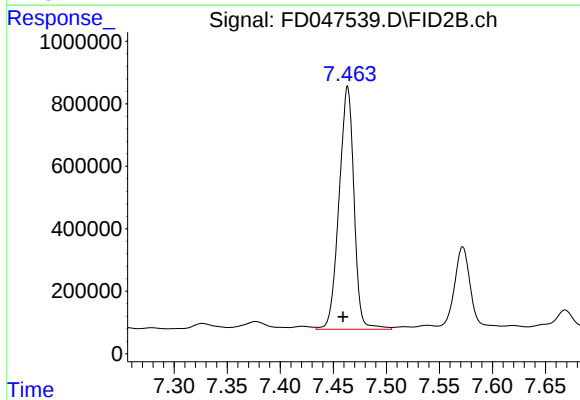
R.T.: 5.803 min
Delta R.T.: 0.001 min
Response: 192592
Conc: 1.18 ug/ml

Instrument :
FID_D
ClientSampleId :



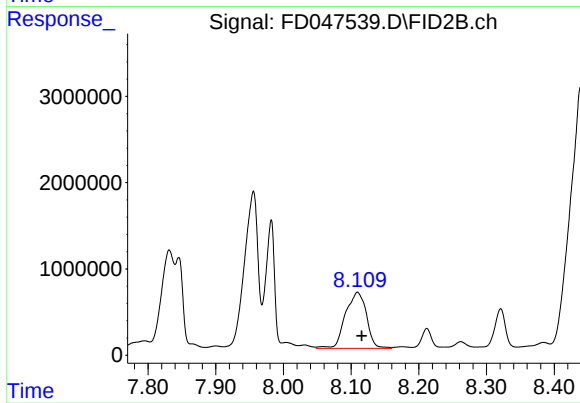
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 6431632
Conc: 39.10 ug/ml



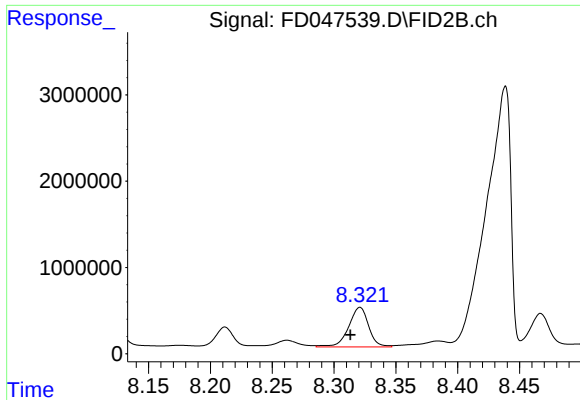
#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 7641427
Conc: 51.11 ug/ml



#5 Acenaphthylene (C15.06)

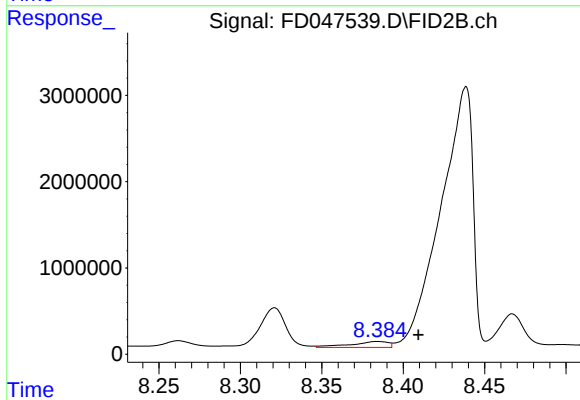
R.T.: 8.110 min
Delta R.T.: -0.006 min
Response: 14083214
Conc: 93.30 ug/ml



#6 2-Fluorobiphenyl (SURR)

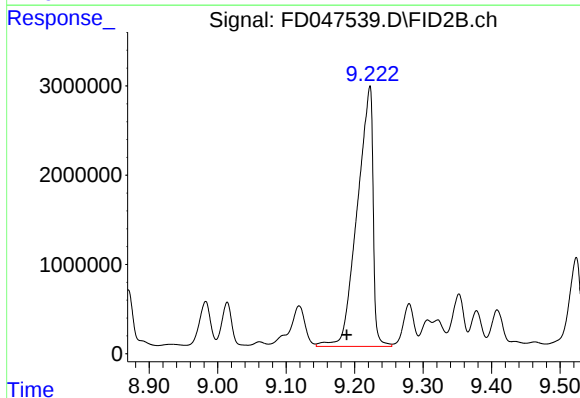
R.T.: 8.321 min
Delta R.T.: 0.008 min
Response: 5154667
Conc: 52.76 ug/ml

Instrument :
FID_D
ClientSampleId :



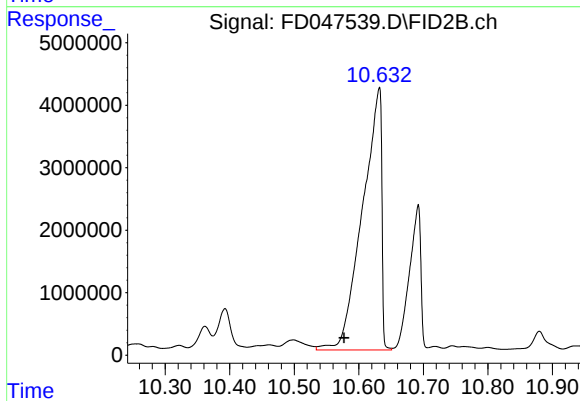
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: -0.025 min
Response: 1074318
Conc: 6.71 ug/ml



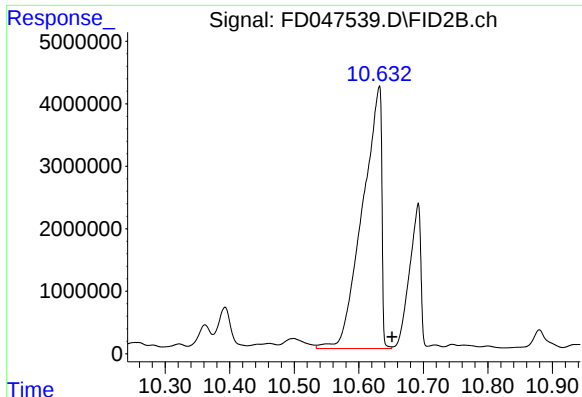
#8 Flouorene (C16.55)

R.T.: 9.220 min
Delta R.T.: 0.032 min
Response: 46826345
Conc: 302.69 ug/ml



#9 Phenanthrene (C19.36)

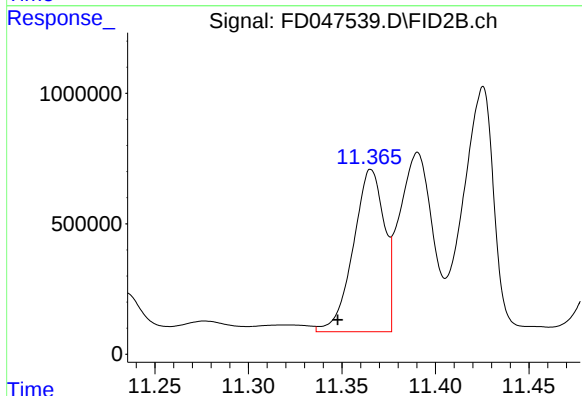
R.T.: 10.630 min
Delta R.T.: 0.052 min
Response: 86438884
Conc: 580.98 ug/ml



#10 Anthracene (C19.43)

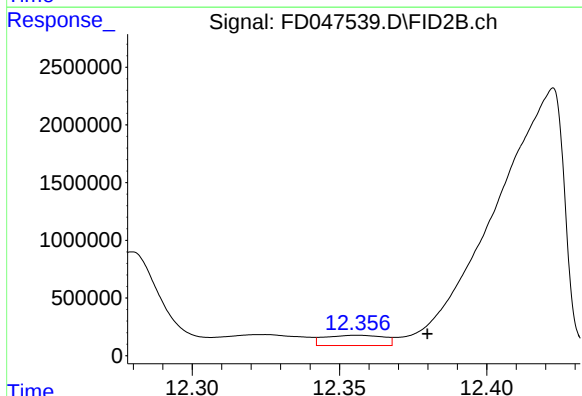
R.T.: 10.630 min
Delta R.T.: -0.022 min
Response: 86438884
Conc: 635.55 ug/ml

Instrument :
FID_D
ClientSampleId :



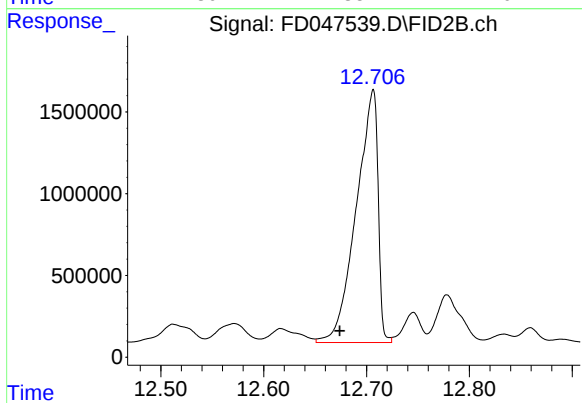
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: 0.018 min
Response: 7176564
Conc: 41.86 ug/ml



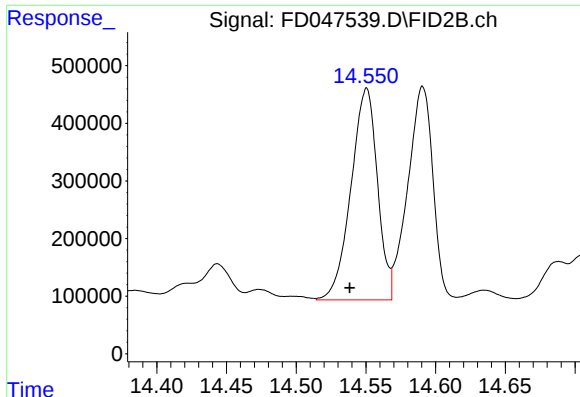
#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: -0.024 min
Response: 1229927
Conc: 8.32 ug/ml



#13 Pyrene (C20.8)

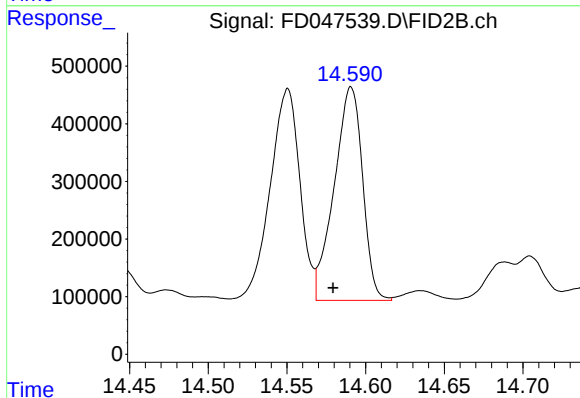
R.T.: 12.705 min
Delta R.T.: 0.031 min
Response: 22727409
Conc: 157.48 ug/ml



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

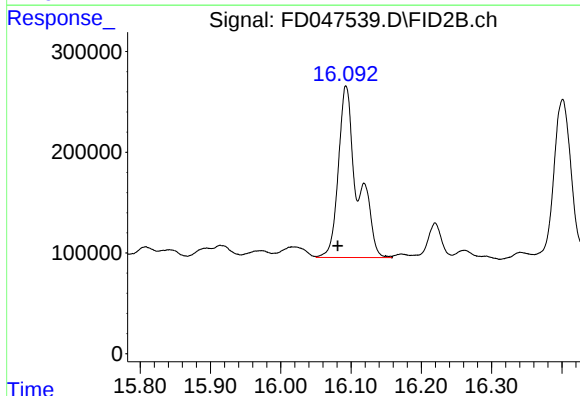
R.T.: 14.550 min
Delta R.T.: 0.012 min
Response: 4852390
Conc: 36.90 ug/ml

Instrument :
FID_D
ClientSampleId :



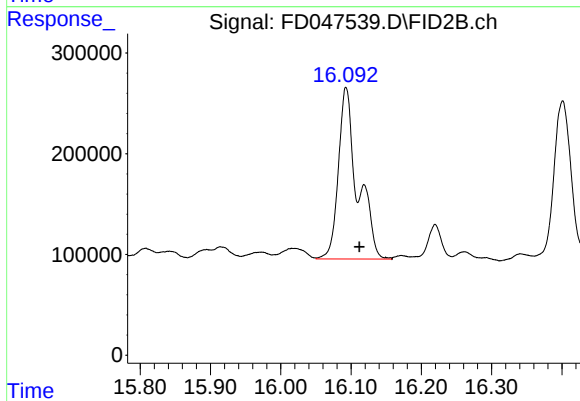
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.011 min
Response: 4654411
Conc: 33.01 ug/ml



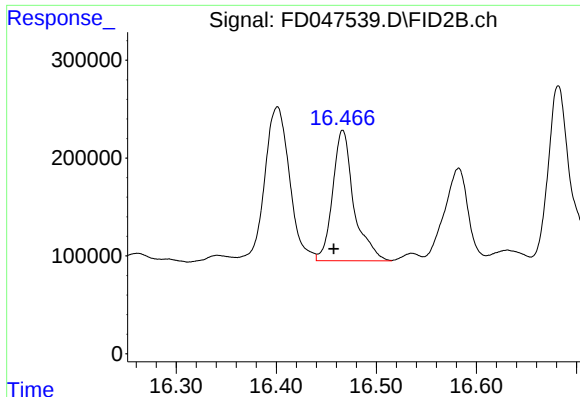
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: 0.012 min
Response: 3235650
Conc: 23.19 ug/ml



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

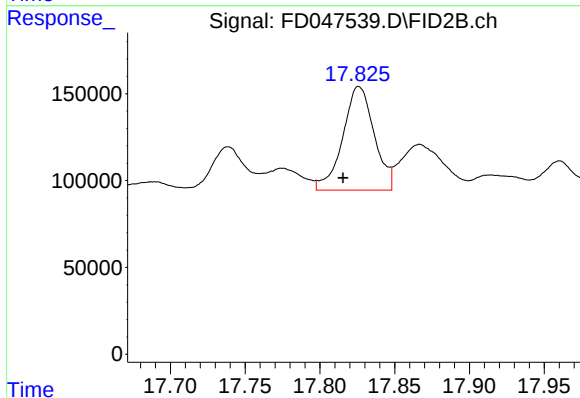
R.T.: 16.093 min
Delta R.T.: -0.019 min
Response: 3235650
Conc: 23.26 ug/ml



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

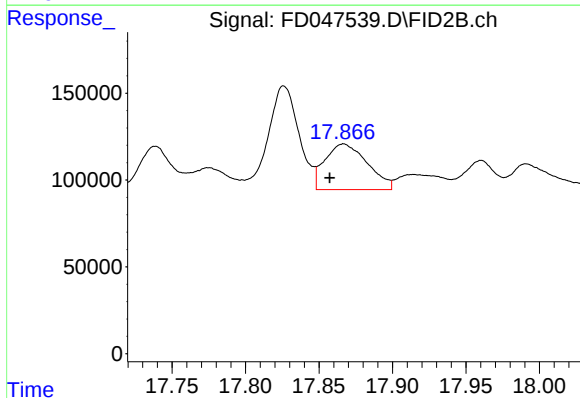
R.T.: 16.466 min
Delta R.T.: 0.009 min
Response: 1965352
Conc: 14.31 ug/ml

Instrument :
FID_D
ClientSampleId :



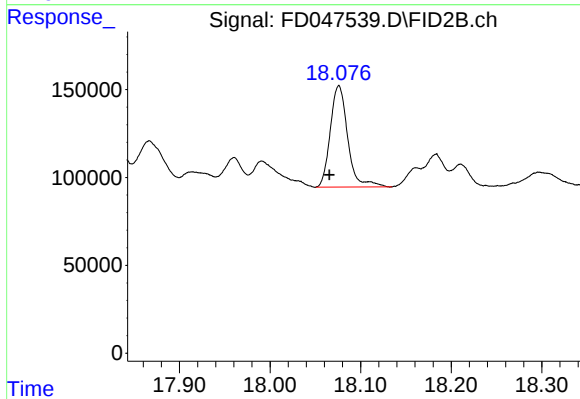
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: 0.011 min
Response: 873190
Conc: 6.47 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.010 min
Response: 528043
Conc: 3.93 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 770336
Conc: 5.55 ug/ml