

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047721.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 13:54
 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: May 13 02:06:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.461	3407889	21.730 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.314	2265694	21.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.32%
11) S ortho-Terphenyl (SURR)	11.355	3963277	21.134 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3551351	21.965 ug/ml
2) T Naphthalene (C11.7)	5.798	3691710	21.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3752321	22.028 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3423438	20.992 ug/ml
7) T Acenaphthene (C15.5)	8.412	3660172	21.774 ug/ml
8) T Fluorene (C16.55)	9.192	3571746	21.472 ug/ml
9) T Phenanthrene (C19.36)	10.582	3489641	21.315 ug/ml
10) T Anthracene (C19.43)	10.657	2851341	19.036 ug/ml
12) T Fluoranthene (C21.85)	12.389	3458704	20.844 ug/ml
13) T Pyrene (C20.8)	12.683	3329116	20.460 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2938601	20.131 ug/ml
15) T Chrysene (C27.41)	14.596	3172915	20.135 ug/ml
16) T benzo[b]fluoranthene ...	16.102	3026446	20.263 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	3058878	20.318 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	2960145	20.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2858303	21.060 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	3037097	21.212 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2930265	21.342 ug/ml

(f)=RT Delta > 1/2 Window

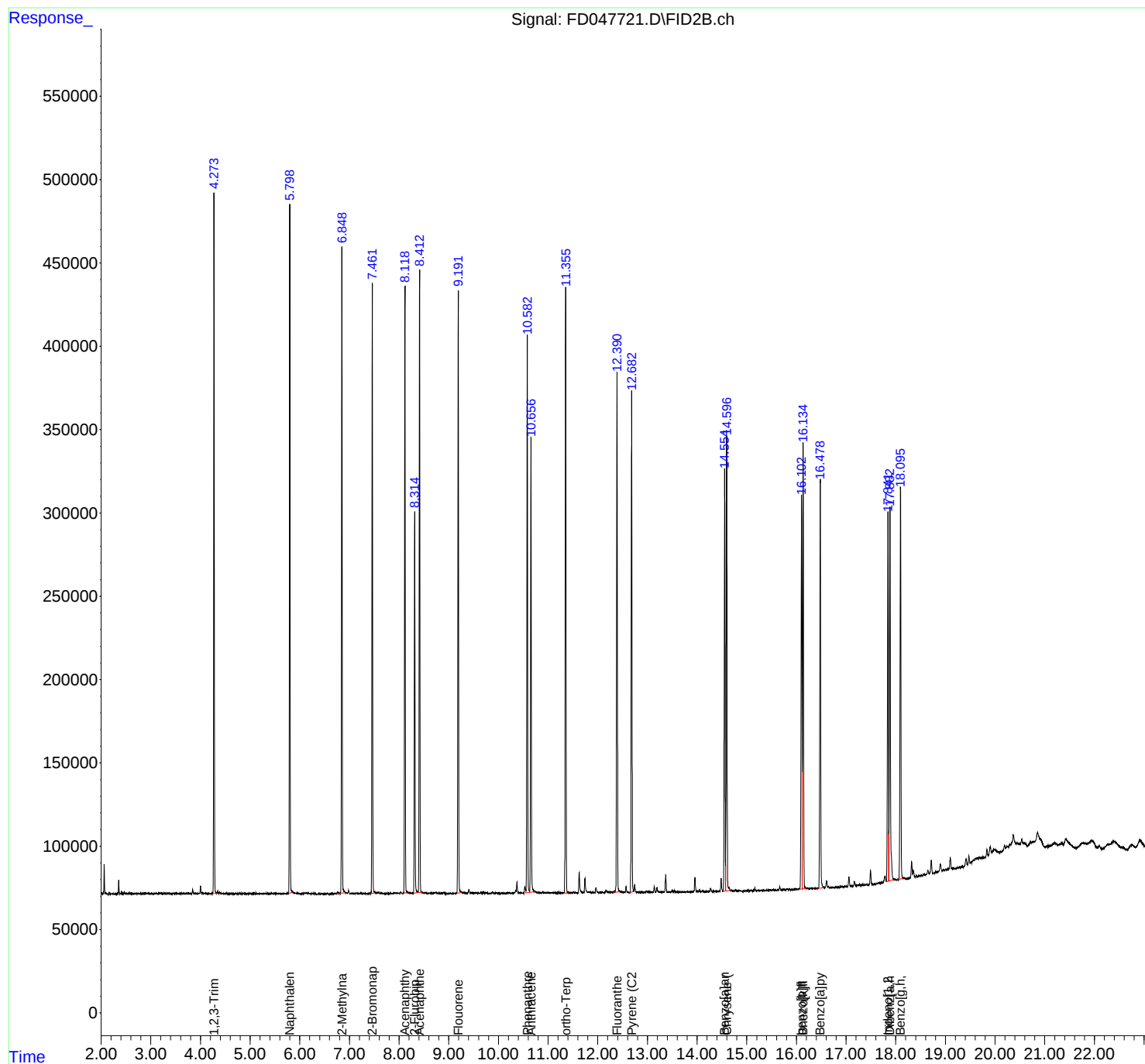
(m)=manual int.

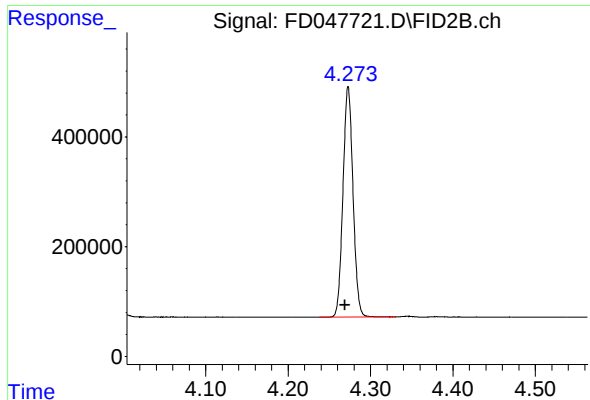
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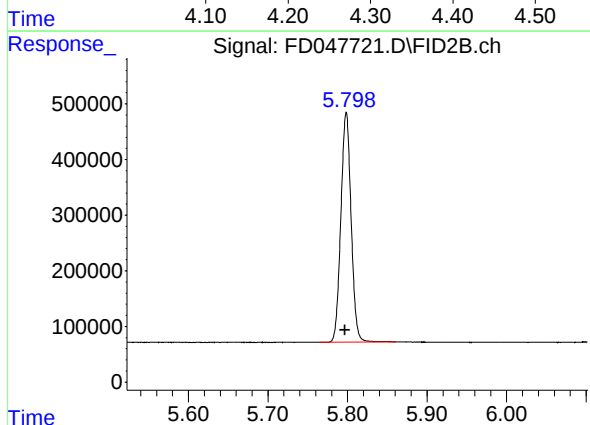




#1 1,2,3-Trimethylbenzene (C10.1)

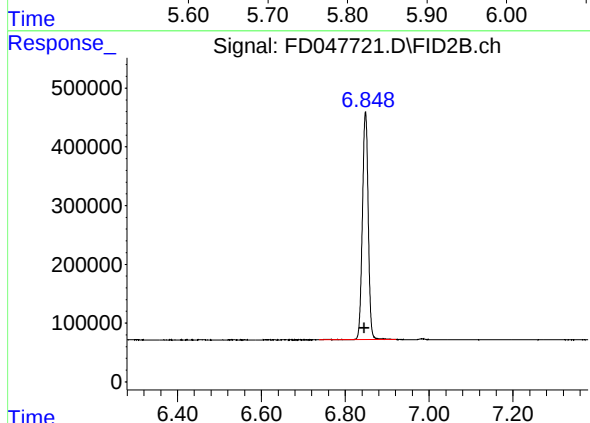
R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 3551351
Conc: 21.97 ug/ml

Instrument :
FID_D
ClientSampleId :



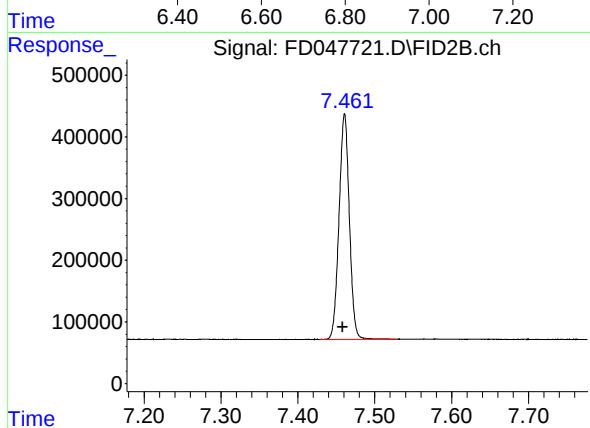
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 3691710
Conc: 21.82 ug/ml



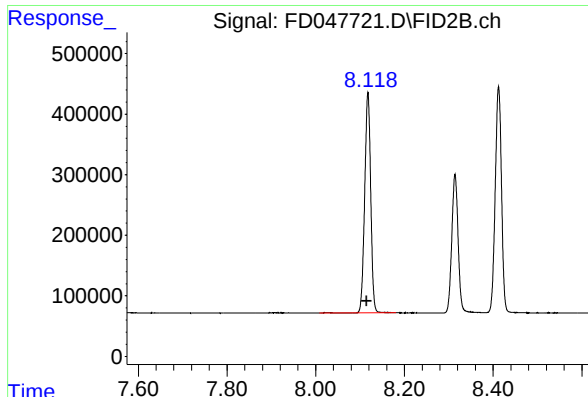
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 3752321
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

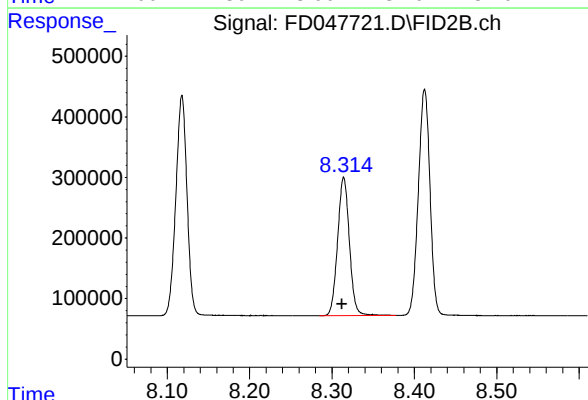
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3407889
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

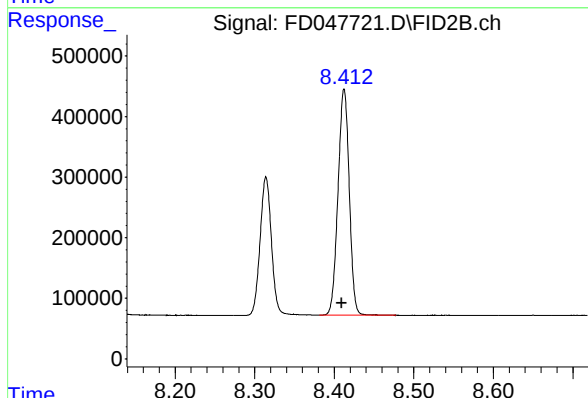
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3423438
Conc: 20.99 ug/ml

Instrument :
FID_D
ClientSampleId :



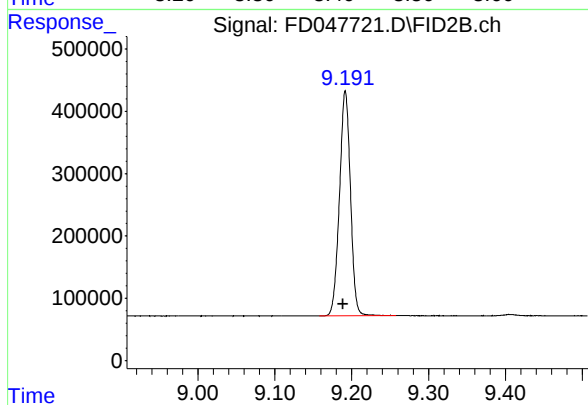
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 2265694
Conc: 21.66 ug/ml



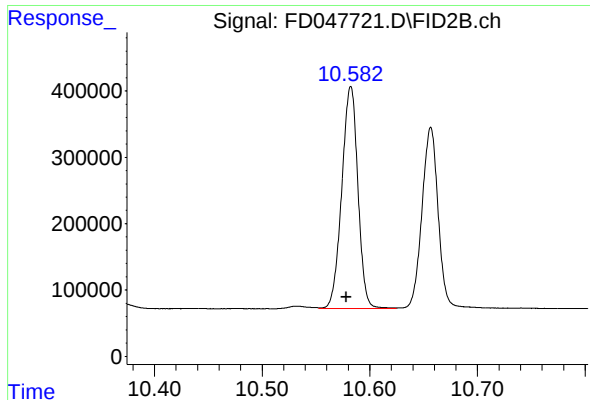
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3660172
Conc: 21.77 ug/ml



#8 Flouorene (C16.55)

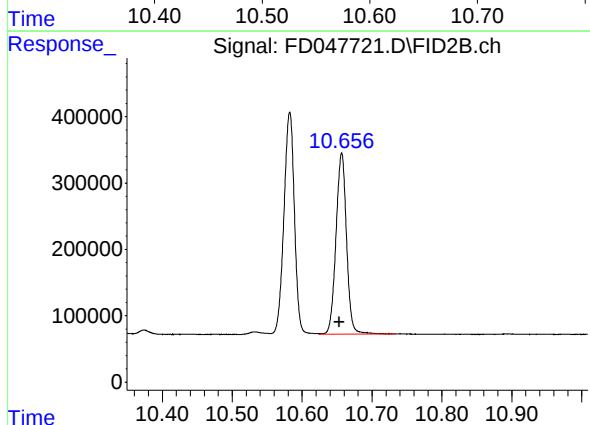
R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 3571746
Conc: 21.47 ug/ml



#9 Phenanthrene (C19.36)

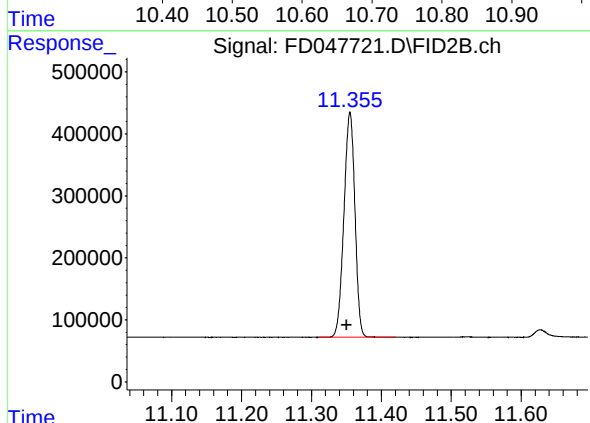
R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 3489641
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :



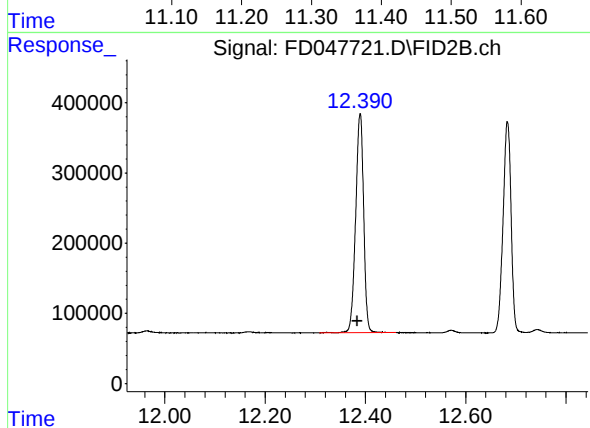
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 2851341
Conc: 19.04 ug/ml



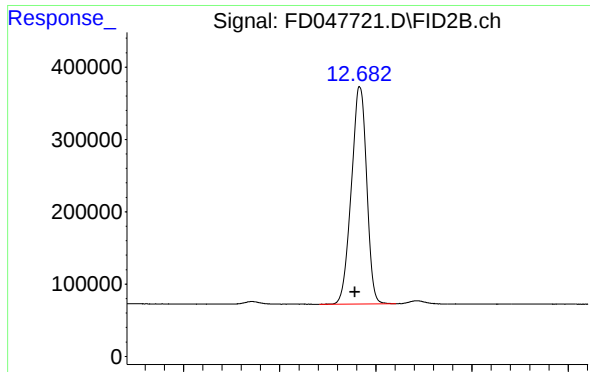
#11 ortho-Terphenyl (SURRE)

R.T.: 11.355 min
Delta R.T.: 0.005 min
Response: 3963277
Conc: 21.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.006 min
Response: 3458704
Conc: 20.84 ug/ml



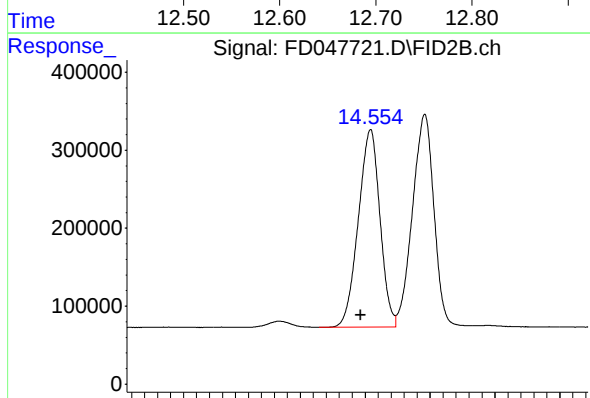
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 3329116
Conc: 20.46 ug/ml

Instrument :

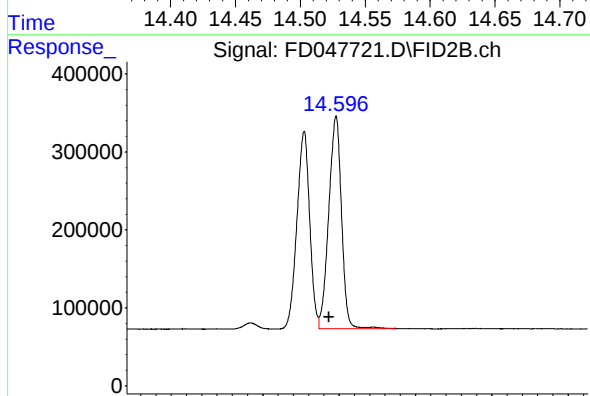
FID_D

ClientSampleId :



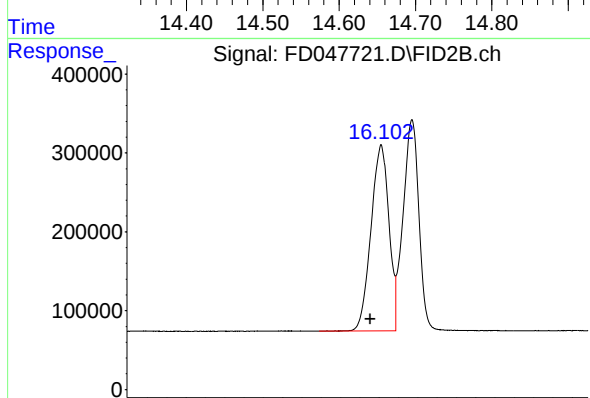
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.007 min
Response: 2938601
Conc: 20.13 ug/ml



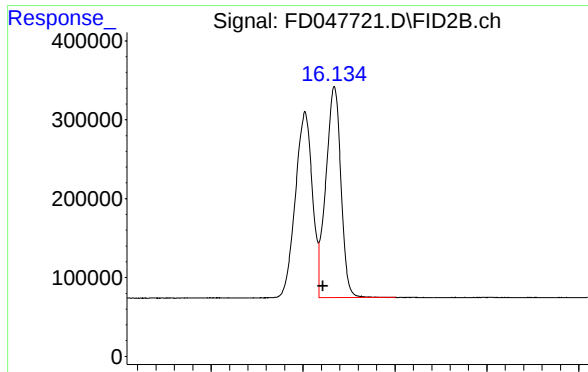
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.009 min
Response: 3172915
Conc: 20.13 ug/ml



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

R.T.: 16.102 min
Delta R.T.: 0.011 min
Response: 3026446
Conc: 20.26 ug/ml



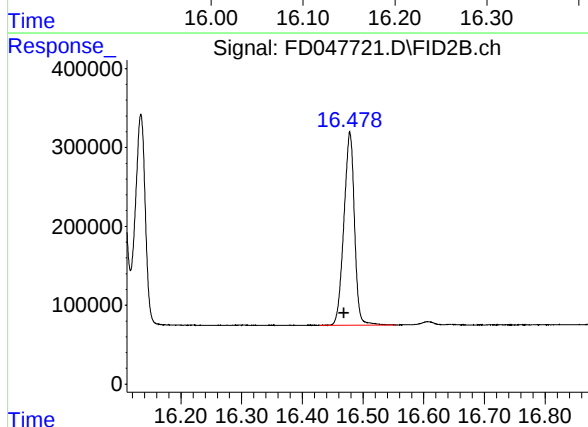
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: 0.012 min
Response: 3058878
Conc: 20.32 ug/ml

Instrument :

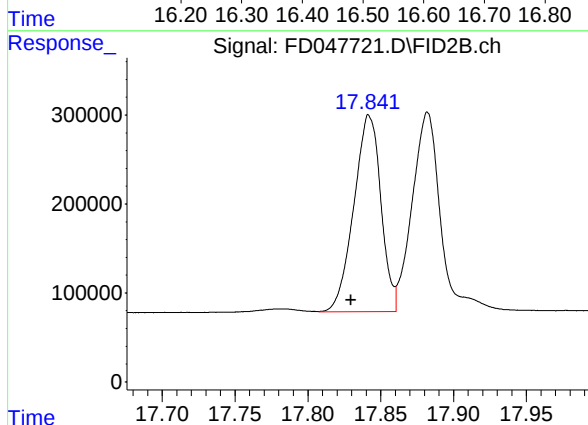
FID_D

ClientSampleId :



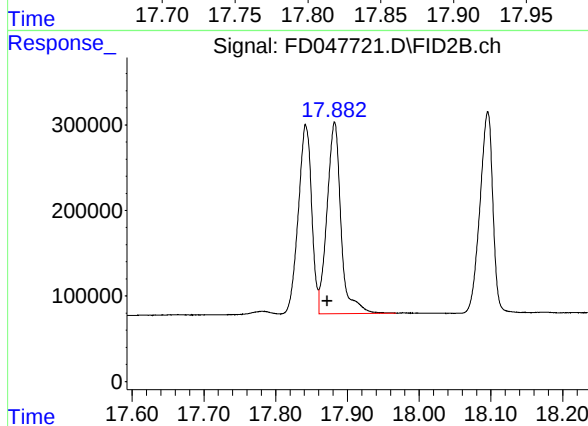
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 2960145
Conc: 20.51 ug/ml



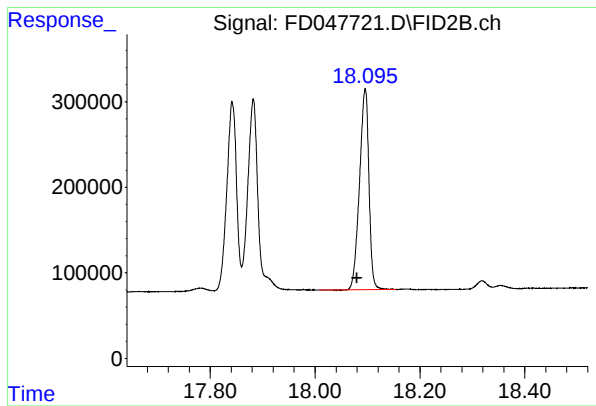
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.012 min
Response: 2858303
Conc: 21.06 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.010 min
Response: 3037097
Conc: 21.21 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.015 min
Response: 2930265
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :