

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046858.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 05:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 06:32:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.482	3742263	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.336	2421844	20.579 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.16%
11) S ortho-Terphenyl (SURR)	11.373	4366082	20.618 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	3902621	20.208 ug/ml
2) T Naphthalene (C11.7)	5.822	4065504	20.303 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	4103050	20.415 ug/ml
5) T Acenaphthylene (C15.06)	8.139	3735141	20.308 ug/ml
7) T Acenaphthene (C15.5)	8.435	4012685	20.485 ug/ml
8) T Fluorene (C16.55)	9.213	3863758	20.889 ug/ml
9) T Phenanthrene (C19.36)	10.601	3666940	20.612 ug/ml
10) T Anthracene (C19.43)	10.675	3156447	18.522 ug/ml
12) T Fluoranthene (C21.85)	12.403	3578612	20.720 ug/ml
13) T Pyrene (C20.8)	12.697	3456478	20.787 ug/ml
14) T Benzo[a]anthracene (C...	14.561	2869103	20.393 ug/ml
15) T Chrysene (C27.41)	14.603	3079457	19.746 ug/ml
16) T benzo[b]fluoranthene ...	16.102	2920055	20.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	2957045	20.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	2842464	20.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2731469	21.622 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	2913461	20.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2839217	20.335 ug/ml

(f)=RT Delta > 1/2 Window

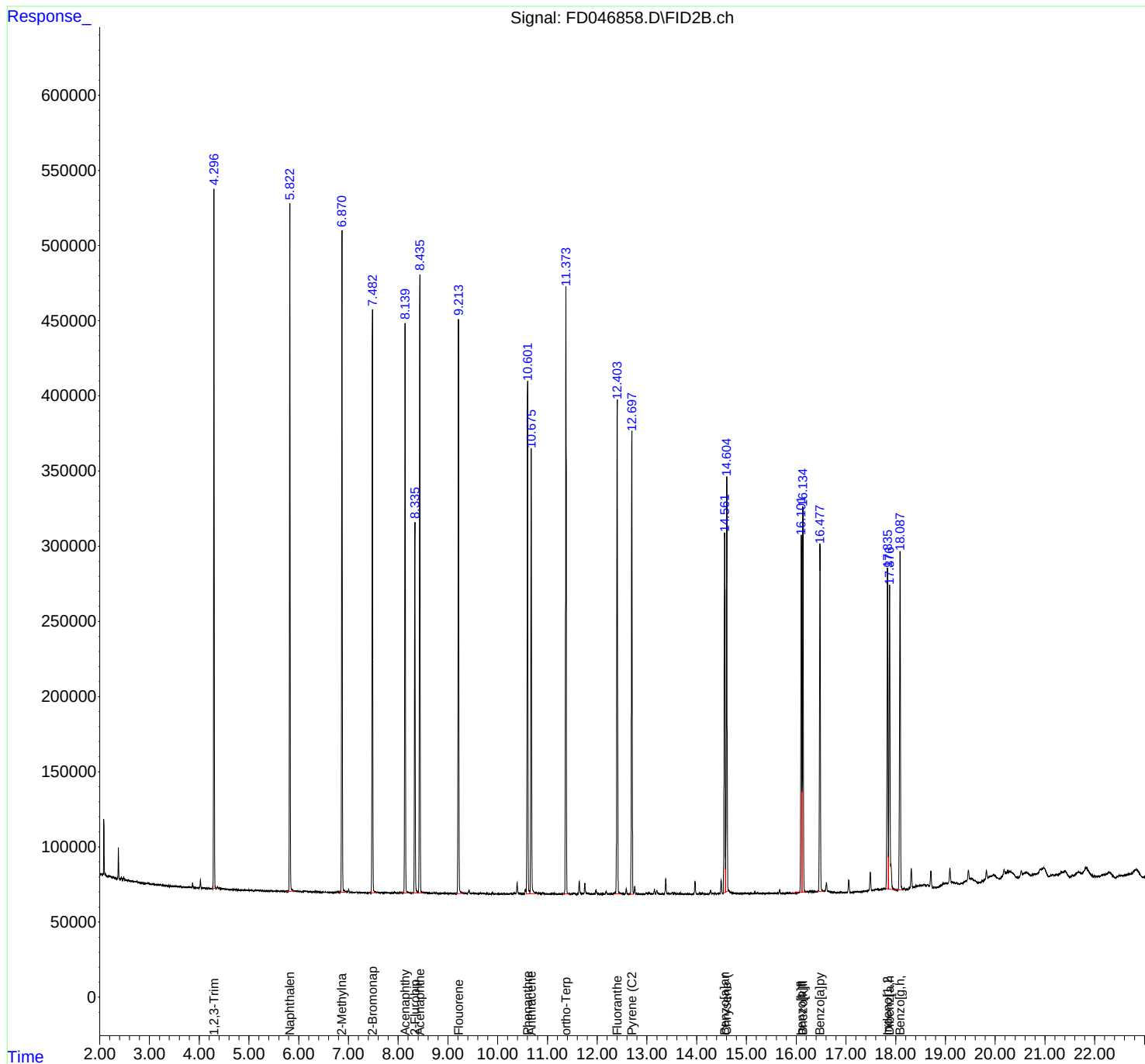
(m)=manual int.

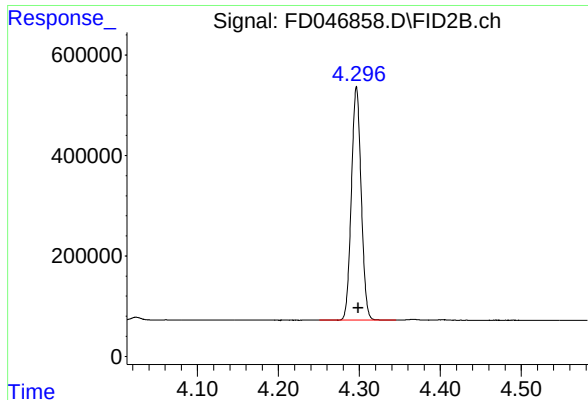
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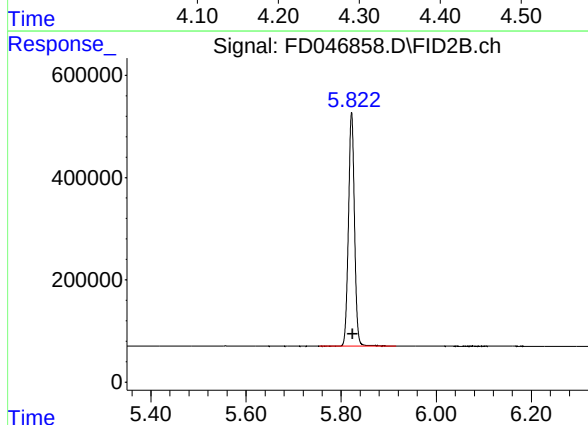




#1 1,2,3-Trimethylbenzene (C10.1)

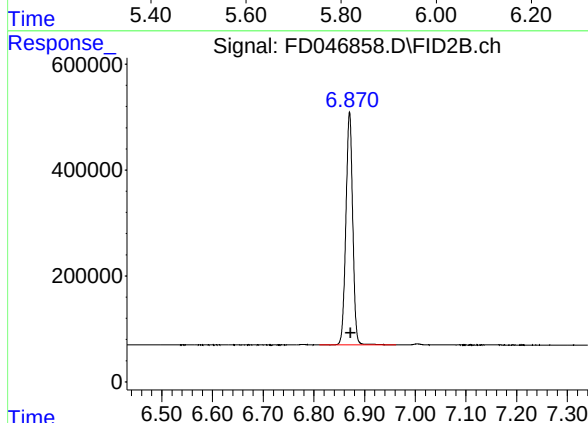
R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 3902621
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :



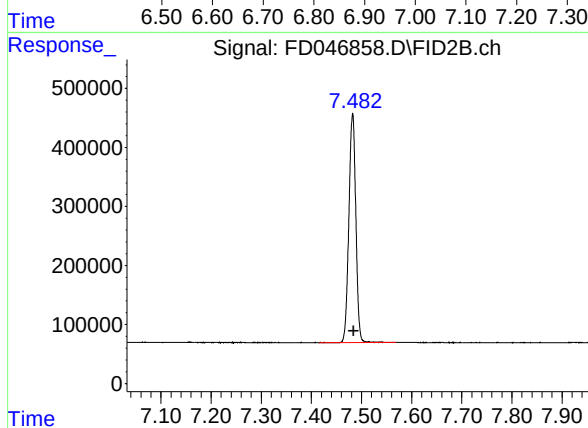
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.003 min
Response: 4065504
Conc: 20.30 ug/ml



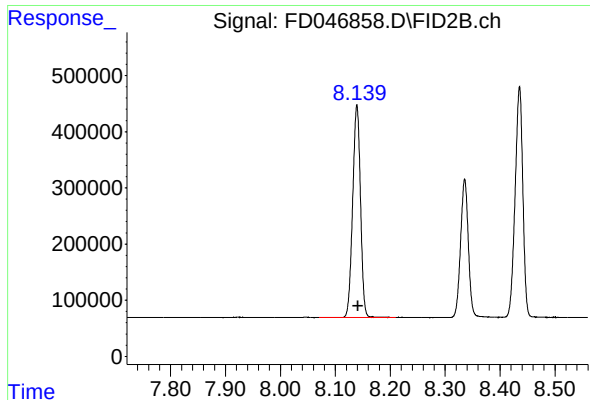
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.002 min
Response: 4103050
Conc: 20.41 ug/ml



#4 2-Bromonaphthalene (SURR)

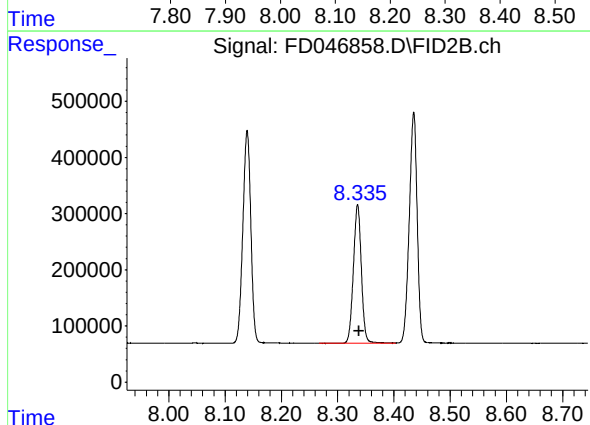
R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 3742263
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

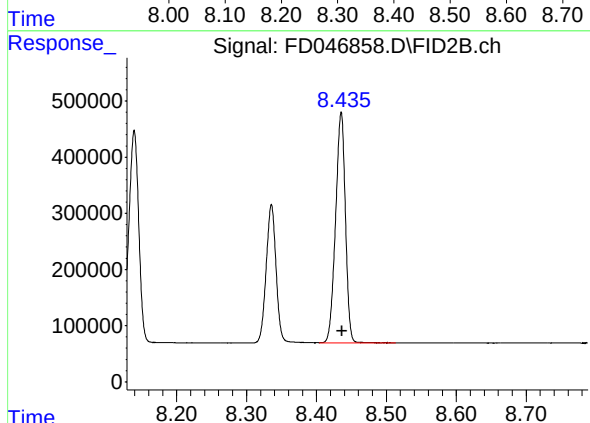
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 3735141
Conc: 20.31 ug/ml

Instrument :
FID_D
ClientSampleId :



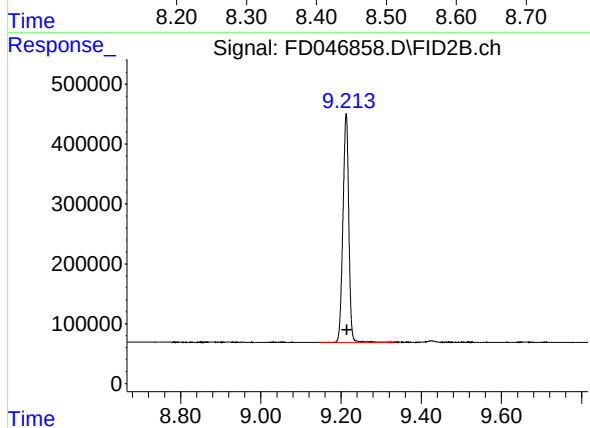
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 2421844
Conc: 20.58 ug/ml



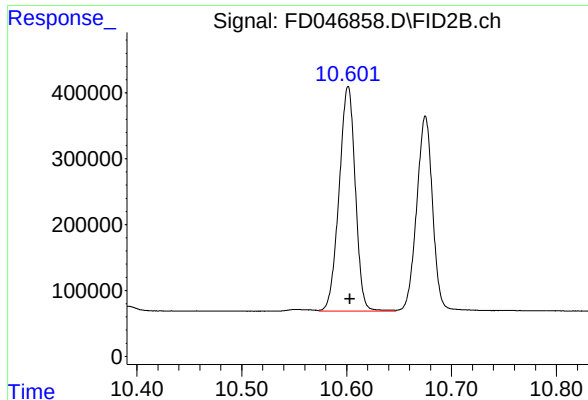
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 4012685
Conc: 20.48 ug/ml



#8 Flouorene (C16.55)

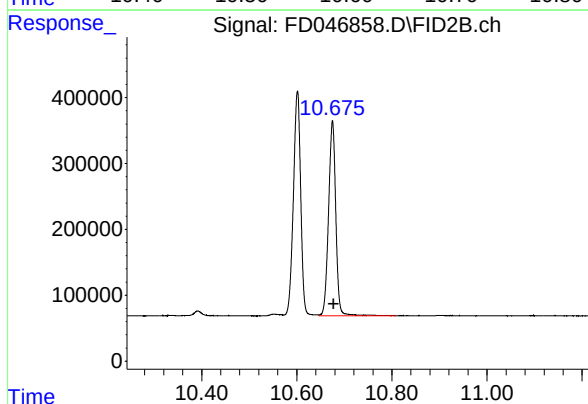
R.T.: 9.213 min
Delta R.T.: -0.002 min
Response: 3863758
Conc: 20.89 ug/ml



#9 Phenanthrene (C19.36)

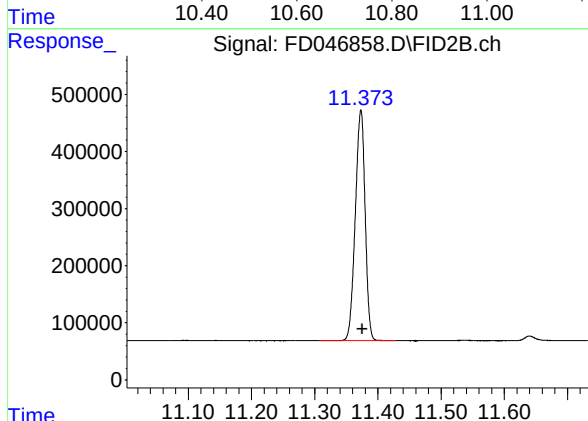
R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 3666940
Conc: 20.61 ug/ml

Instrument :
FID_D
ClientSampleId :



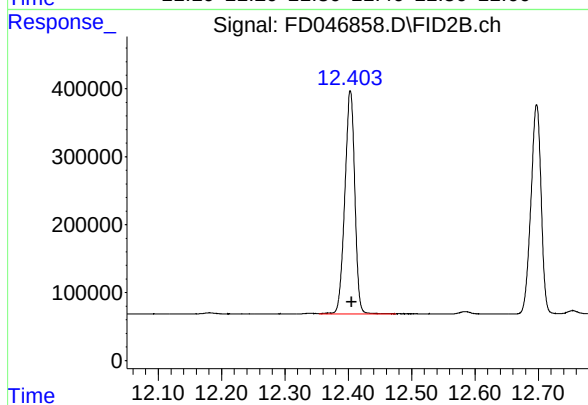
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 3156447
Conc: 18.52 ug/ml



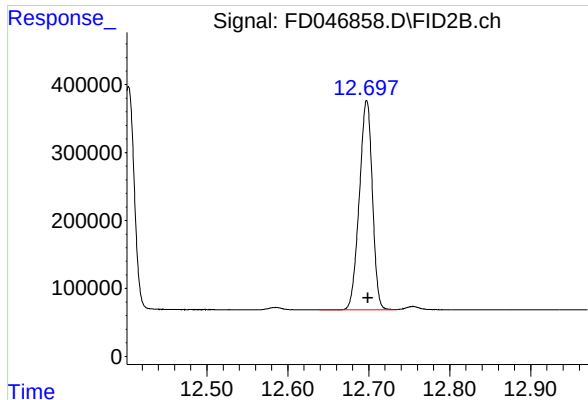
#11 ortho-Terphenyl (SURRE)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 4366082
Conc: 20.62 ug/ml



#12 Fluoranthene (C21.85)

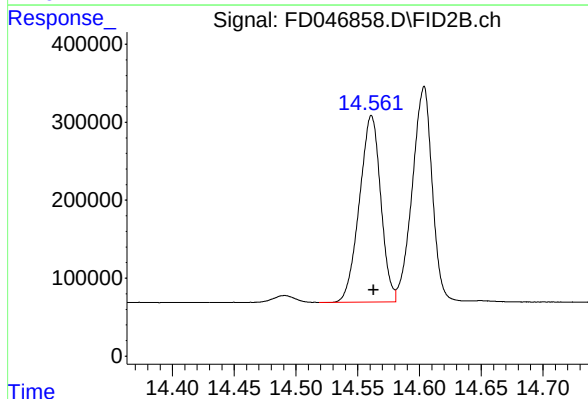
R.T.: 12.403 min
Delta R.T.: -0.002 min
Response: 3578612
Conc: 20.72 ug/ml



#13 Pyrene (C20.8)

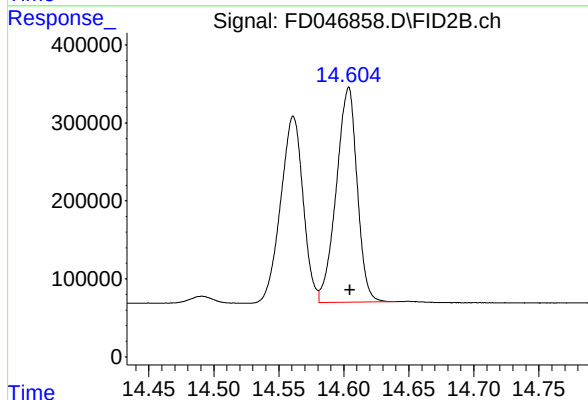
R.T.: 12.697 min
Delta R.T.: -0.002 min
Response: 3456478
Conc: 20.79 ug/ml

Instrument :
FID_D
ClientSampleId :



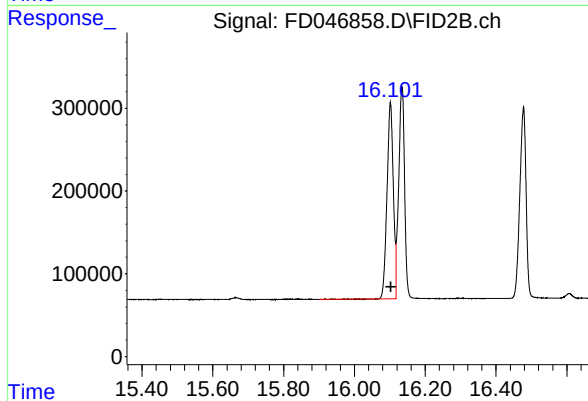
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.002 min
Response: 2869103
Conc: 20.39 ug/ml



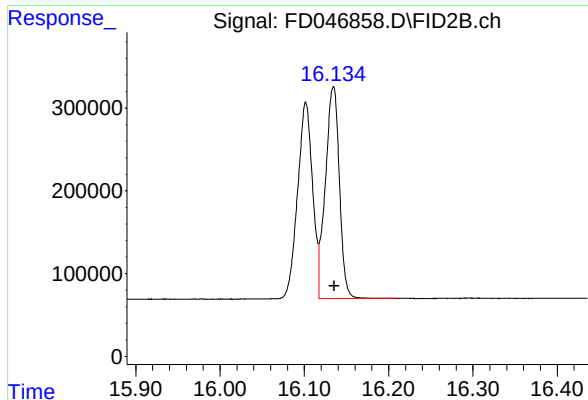
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.002 min
Response: 3079457
Conc: 19.75 ug/ml



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

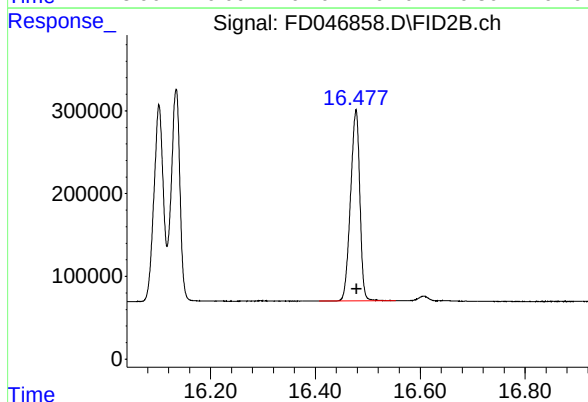
R.T.: 16.102 min
Delta R.T.: -0.002 min
Response: 2920055
Conc: 20.40 ug/ml



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

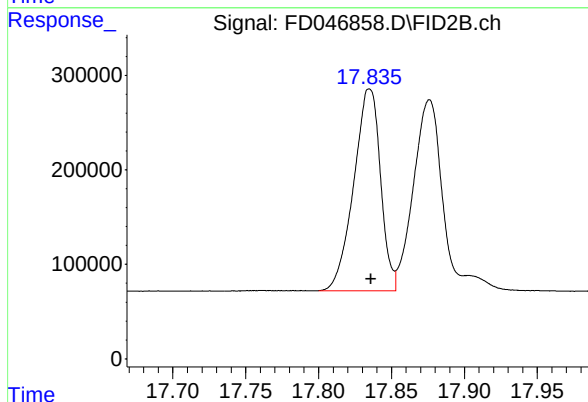
R.T.: 16.134 min
Delta R.T.: -0.002 min
Response: 2957045
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :



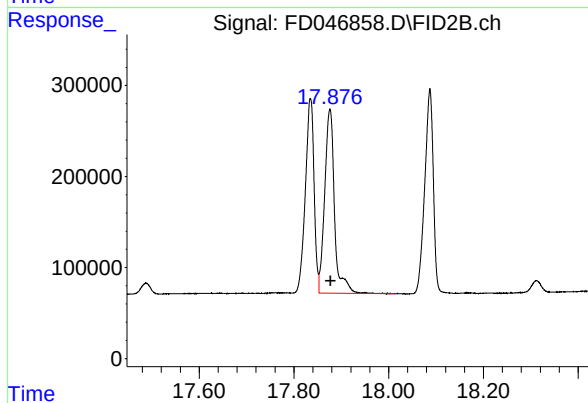
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: -0.001 min
Response: 2842464
Conc: 20.28 ug/ml



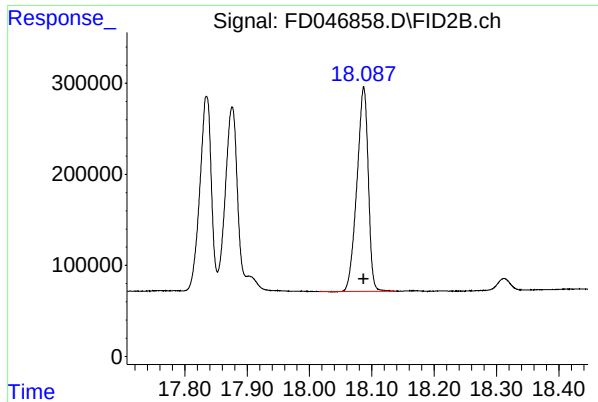
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.001 min
Response: 2731469
Conc: 21.62 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.001 min
Response: 2913461
Conc: 20.85 ug/ml



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

R.T.: 18.087 min

Delta R.T.: 0.000 min

Response: 2839217

Conc: 20.33 ug/ml

Instrument :

FID_D

ClientSampleId :