

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046871.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2023 13:34
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 09 22:31:34 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...	7.479	3991346	21.885 ug/ml
Spiked Amount 50.000		Recovery =	43.77%
6) S 2-Fluorobiphenyl (SURR)	8.333	2579816	21.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.84%
11) S ortho-Terphenyl (SURR)	11.371	4729600	22.335 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	4181203	21.650 ug/ml
2) T Naphthalene (C11.7)	5.818	4343311	21.690 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	4379487	21.790 ug/ml
5) T Acenaphthylene (C15.06)	8.136	4001166	21.754 ug/ml
7) T Acenaphthene (C15.5)	8.432	4299250	21.948 ug/ml
8) T Flouorene (C16.55)	9.210	4116199	22.254 ug/ml
9) T Phenanthrene (C19.36)	10.599	3928322	22.081 ug/ml
10) T Anthracene (C19.43)	10.673	3244254	19.037 ug/ml
12) T Fluoranthene (C21.85)	12.402	3847010	22.274 ug/ml
13) T Pyrene (C20.8)	12.696	3713219	22.332 ug/ml
14) T Benzo[a]anthracene (C...	14.560	3063069	21.771 ug/ml
15) T Chrysene (C27.41)	14.601	3332043	21.365 ug/ml
16) T benzo[b]fluoranthene ...	16.101	3129799	21.868 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	3160588	21.588 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	3017866	21.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2870235	22.720 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	3090387	22.121 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	3008485	21.547 ug/ml

(f)=RT Delta > 1/2 Window

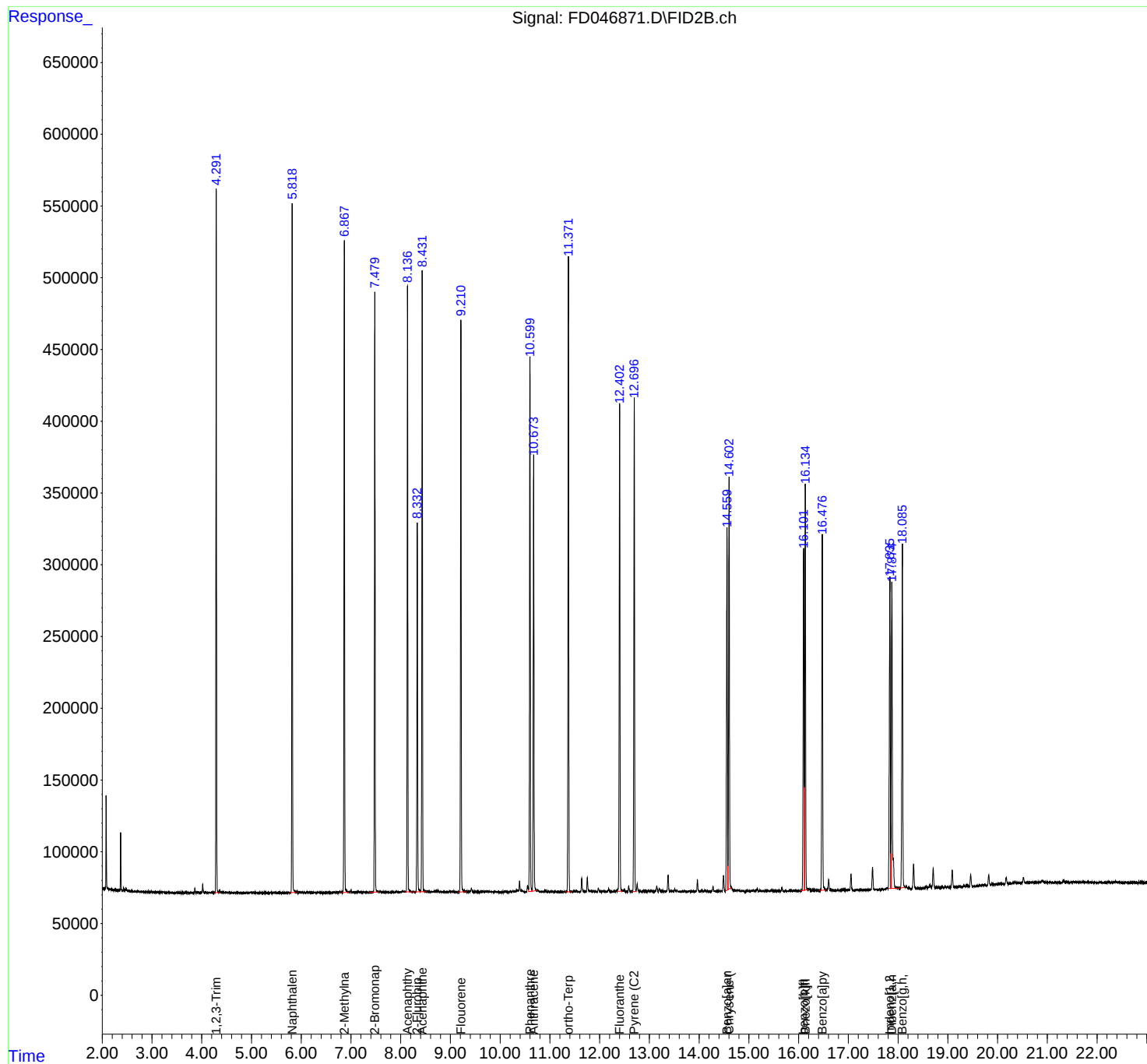
(m)=manual int.

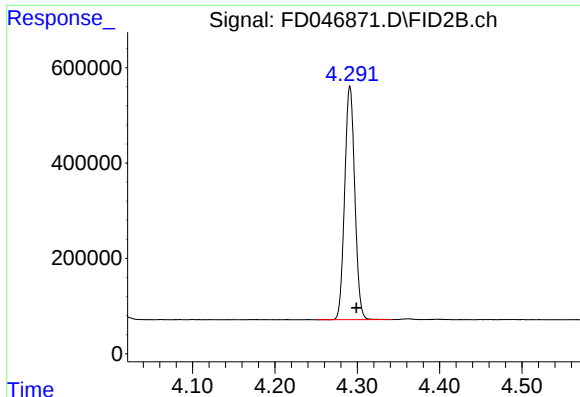
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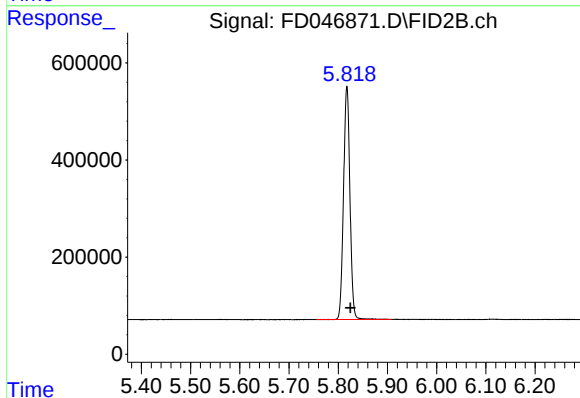




#1 1,2,3-Trimethylbenzene (C10.1)

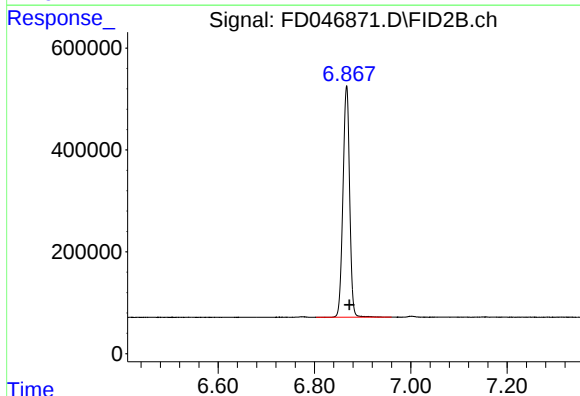
R.T.: 4.291 min
Delta R.T.: -0.008 min
Response: 4181203
Conc: 21.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



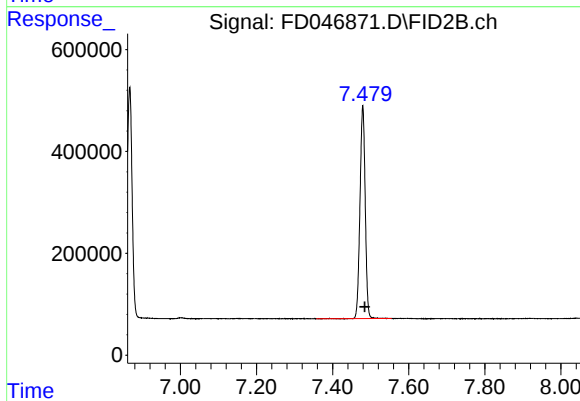
#2 Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 4343311
Conc: 21.69 ug/ml



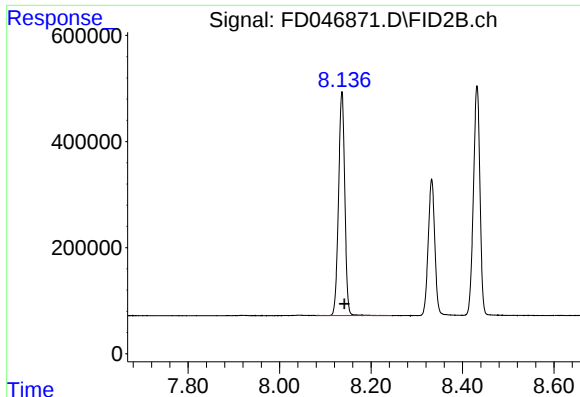
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: -0.006 min
Response: 4379487
Conc: 21.79 ug/ml



#4 2-Bromonaphthalene (SURR)

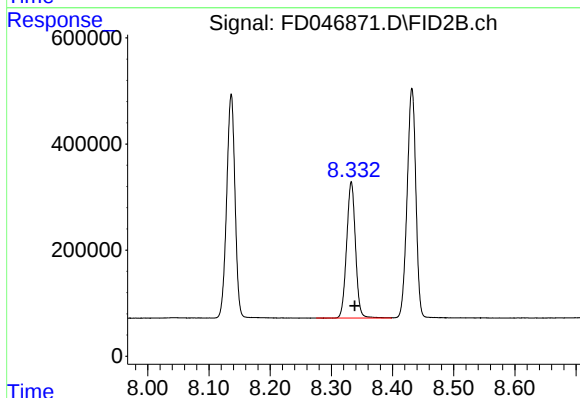
R.T.: 7.479 min
Delta R.T.: -0.005 min
Response: 3991346
Conc: 21.89 ug/ml



#5 Acenaphthylene (C15.06)

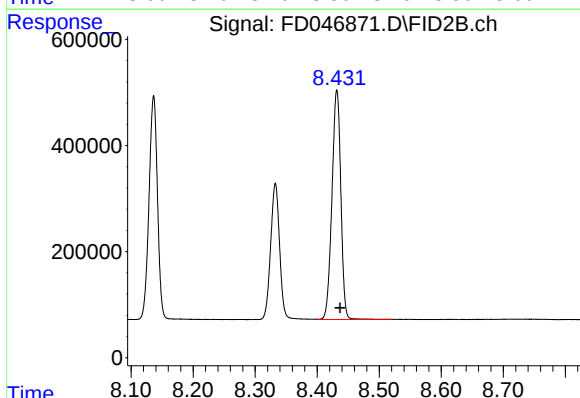
R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 4001166
Conc: 21.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



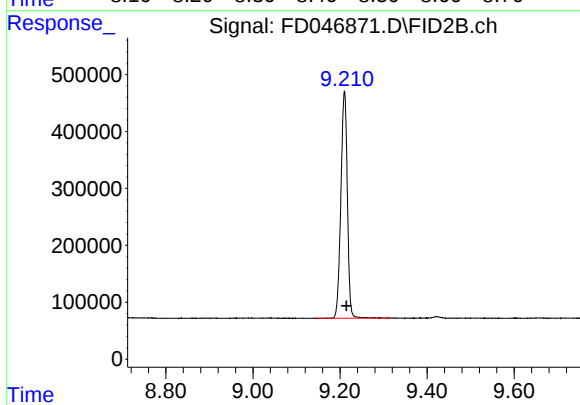
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.005 min
Response: 2579816
Conc: 21.92 ug/ml



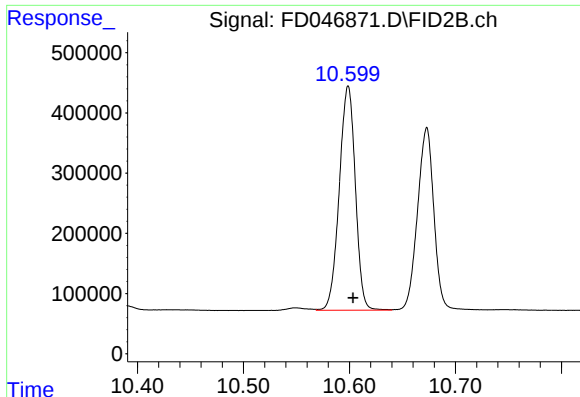
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 4299250
Conc: 21.95 ug/ml



#8 Fluorene (C16.55)

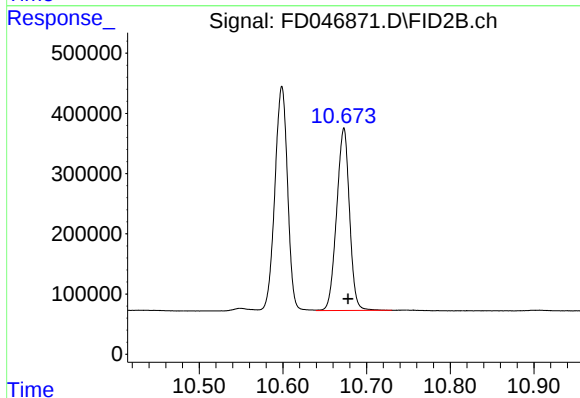
R.T.: 9.210 min
Delta R.T.: -0.005 min
Response: 4116199
Conc: 22.25 ug/ml



#9 Phenanthrene (C19.36)

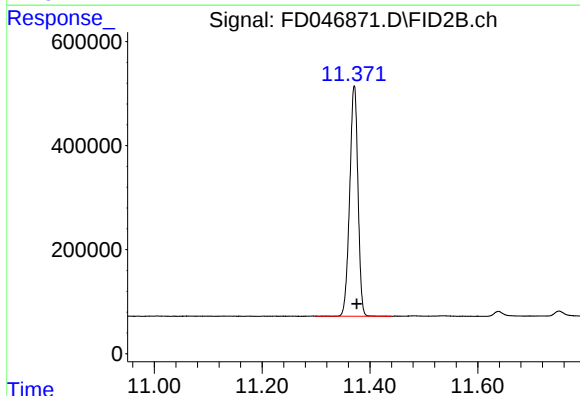
R.T.: 10.599 min
Delta R.T.: -0.005 min
Response: 3928322
Conc: 22.08 ug/ml

Instrument :
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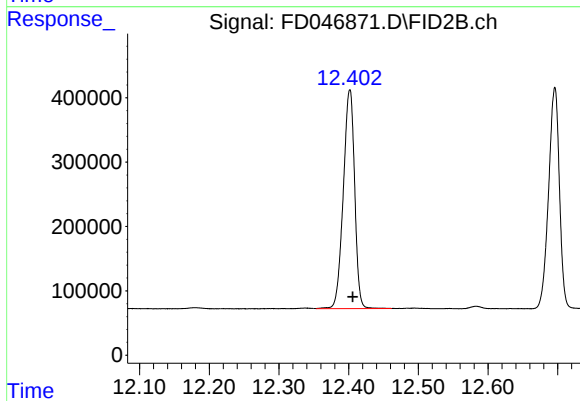
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.005 min
Response: 3244254
Conc: 19.04 ug/ml



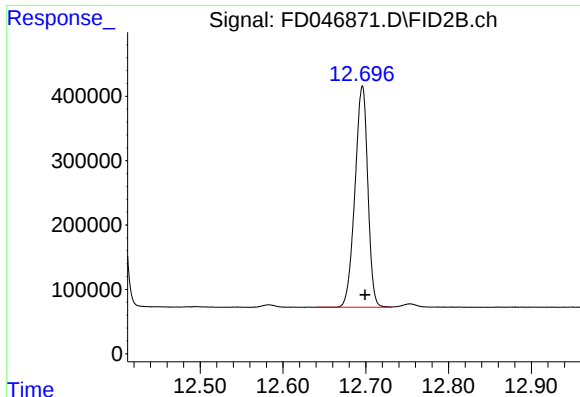
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 4729600
Conc: 22.34 ug/ml



#12 Fluoranthene (C21.85)

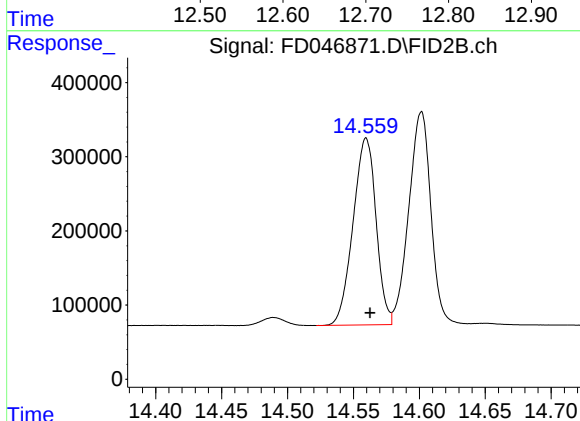
R.T.: 12.402 min
Delta R.T.: -0.004 min
Response: 3847010
Conc: 22.27 ug/ml



#13 Pyrene (C20.8)

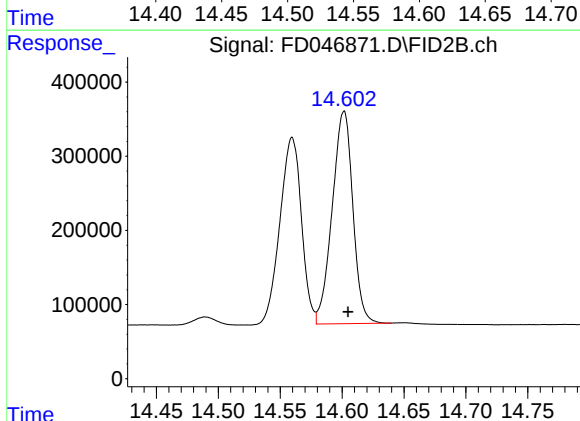
R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 3713219
Conc: 22.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



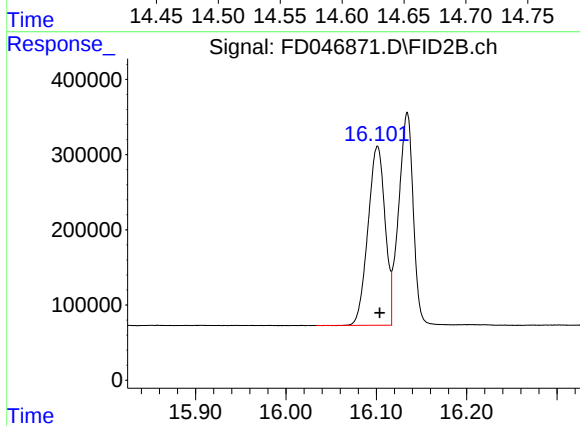
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 3063069
Conc: 21.77 ug/ml



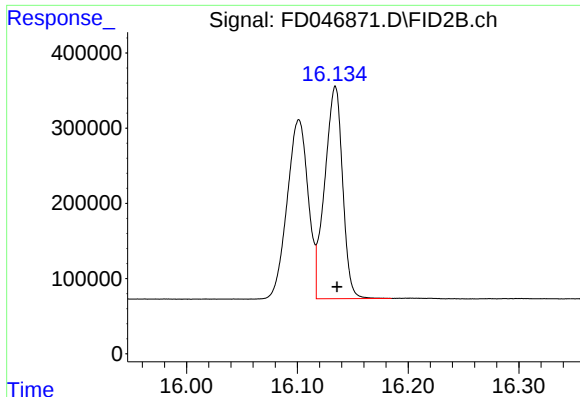
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: -0.004 min
Response: 3332043
Conc: 21.37 ug/ml



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

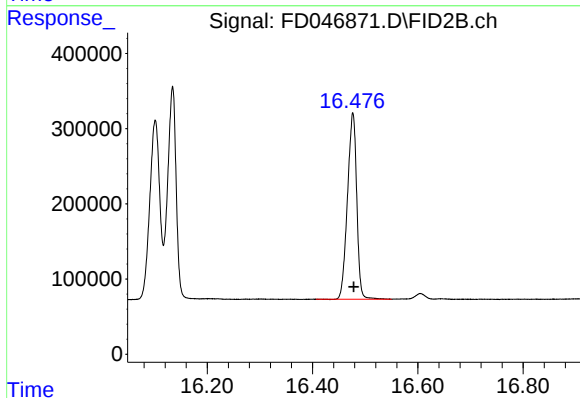
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 3129799
Conc: 21.87 ug/ml



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

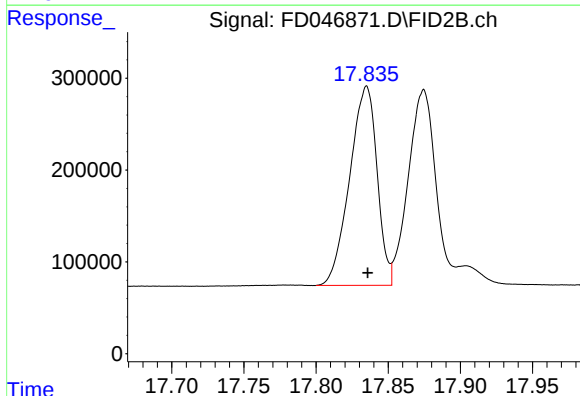
R.T.: 16.134 min
Delta R.T.: -0.002 min
Response: 3160588
Conc: 21.59 ug/ml

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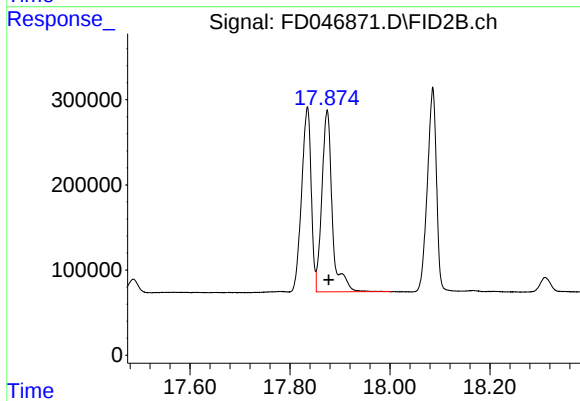
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: -0.002 min
Response: 3017866
Conc: 21.53 ug/ml



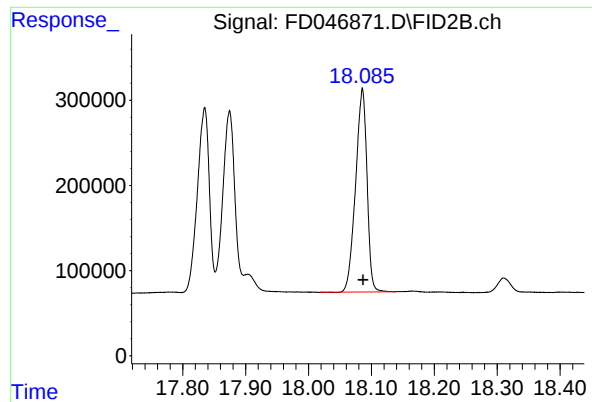
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.001 min
Response: 2870235
Conc: 22.72 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.003 min
Response: 3090387
Conc: 22.12 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 3008485
Conc: 21.55 ug/ml

Instrument :

FID_D

ClientSampleId :

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