

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047820.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 11:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 24 04:10:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.457	3000304	21.371 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
6) S 2-Fluorobiphenyl (SURR)	8.311	1986161	21.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.89%
11) S ortho-Terphenyl (SURR)	11.351	3414215	21.354 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3373066	21.357 ug/ml
2) T Naphthalene (C11.7)	5.795	3502600	21.458 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3514009	21.325 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3468145	21.219 ug/ml
7) T Acenaphthene (C15.5)	8.408	3481552	21.323 ug/ml
8) T Fluorene (C16.55)	9.188	3341884	21.243 ug/ml
9) T Phenanthrene (C19.36)	10.578	3290742	21.340 ug/ml
10) T Anthracene (C19.43)	10.653	3165698	21.058 ug/ml
12) T Fluoranthene (C21.85)	12.385	3230655	21.289 ug/ml
13) T Pyrene (C20.8)	12.679	3195796	21.199 ug/ml
14) T Benzo[a]anthracene (C...	14.551	2890950	21.089 ug/ml
15) T Chrysene (C27.41)	14.591	3075599	20.877 ug/ml
16) T benzo[b]fluoranthene ...	16.098	2990723	21.250 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2859817	21.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	2892241	20.895 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2320294	20.127 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2606280	19.545 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	2789798	20.978 ug/ml

(f)=RT Delta > 1/2 Window

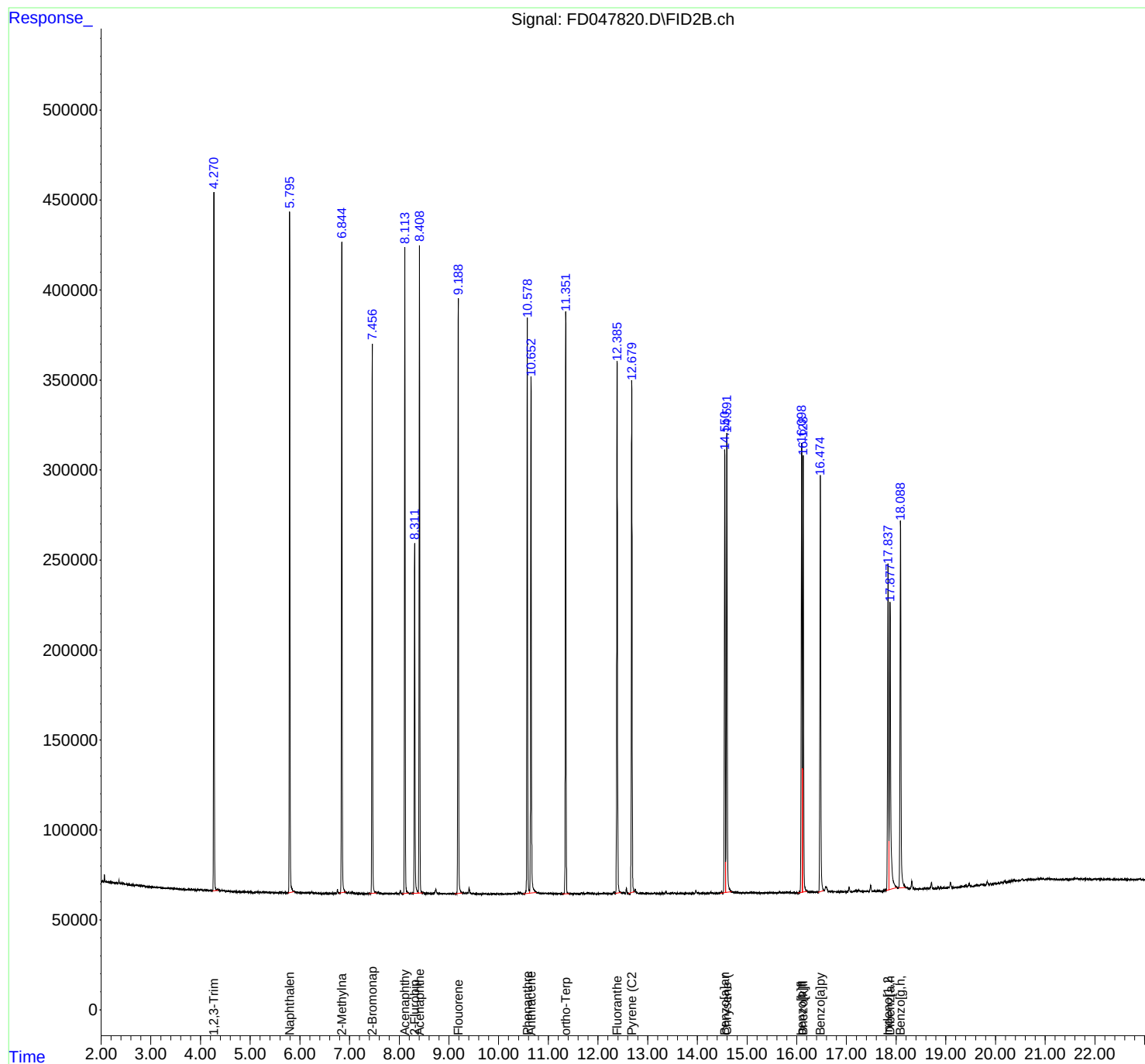
(m)=manual int.

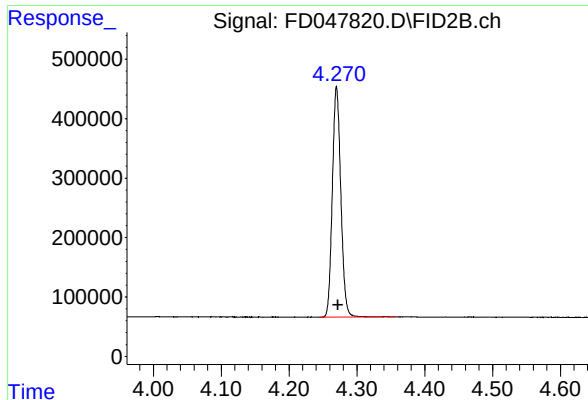
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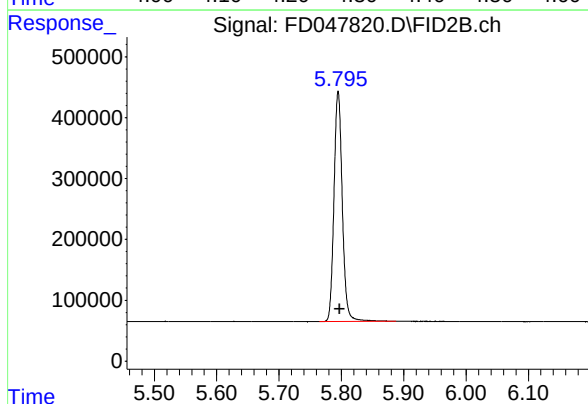




#1 1,2,3-Trimethylbenzene (C10.1)

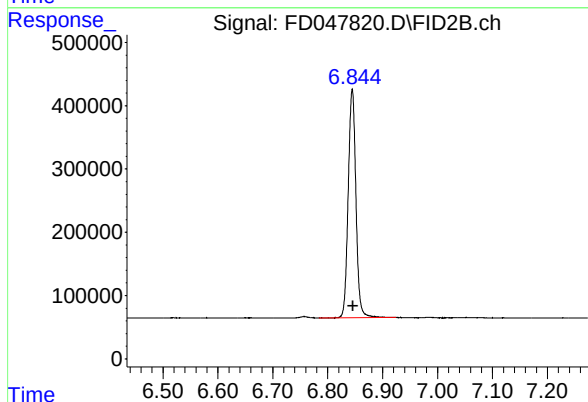
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 3373066
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



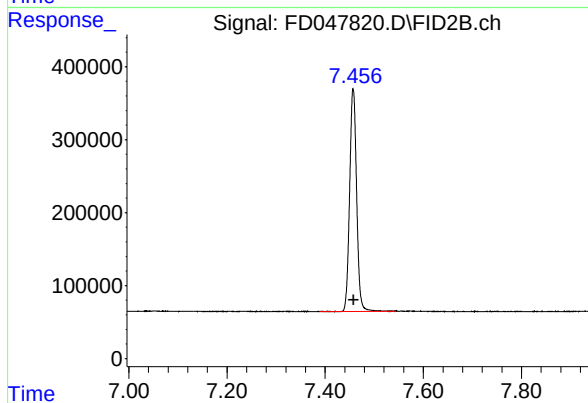
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3502600
Conc: 21.46 ug/ml



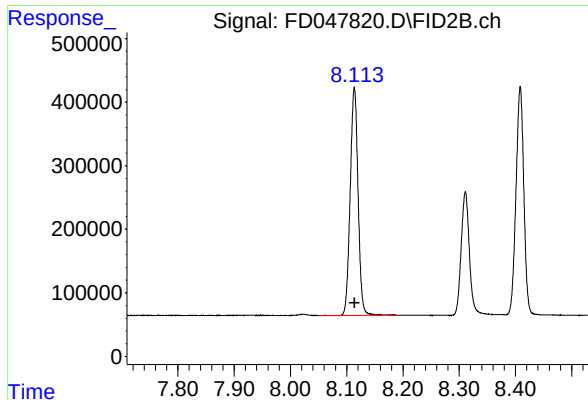
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 3514009
Conc: 21.33 ug/ml



#4 2-Bromonaphthalene (SURR)

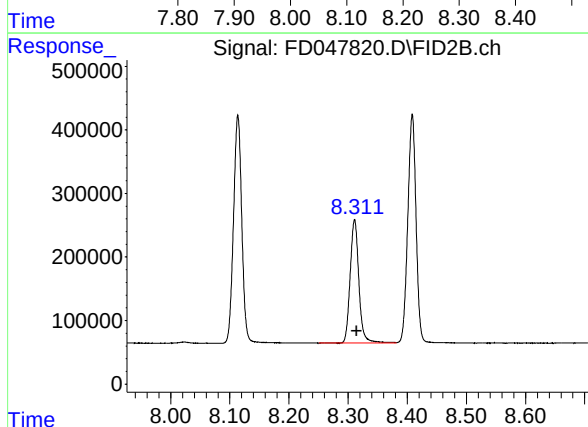
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 3000304
Conc: 21.37 ug/ml



#5 Acenaphthylene (C15.06)

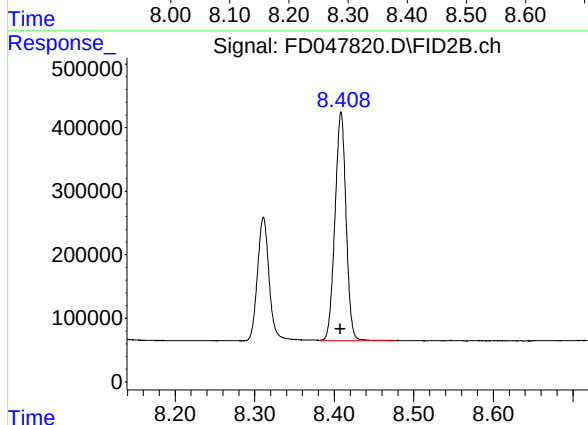
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3468145
Conc: 21.22 ug/ml

Instrument :
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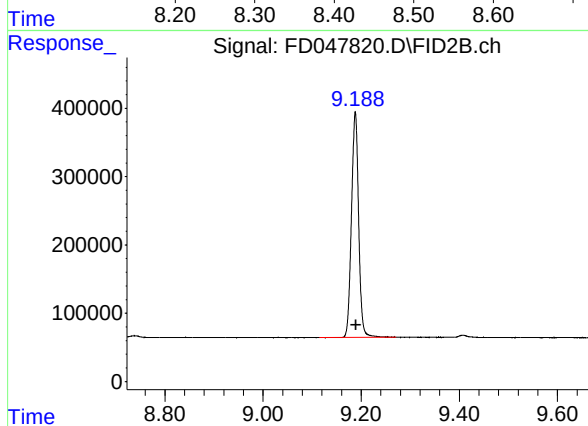
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 1986161
Conc: 21.45 ug/ml



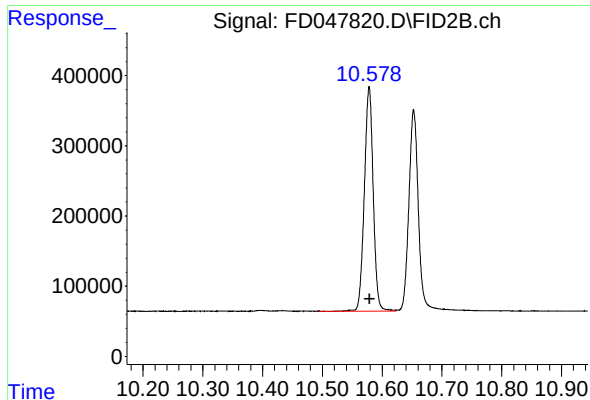
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3481552
Conc: 21.32 ug/ml



#8 Fluorene (C16.55)

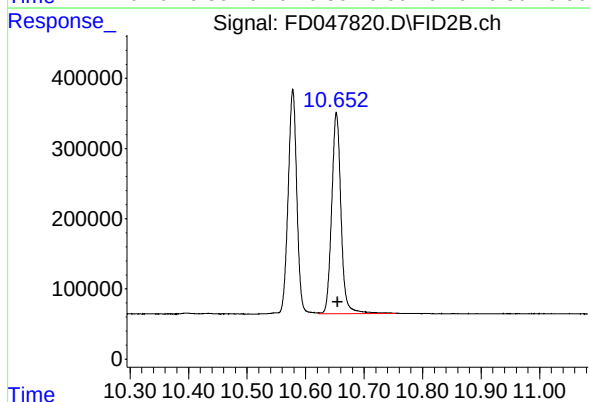
R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 3341884
Conc: 21.24 ug/ml



#9 Phenanthrene (C19.36)

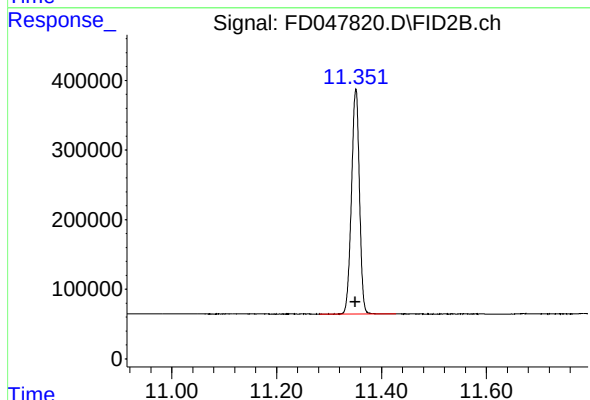
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3290742
Conc: 21.34 ug/ml

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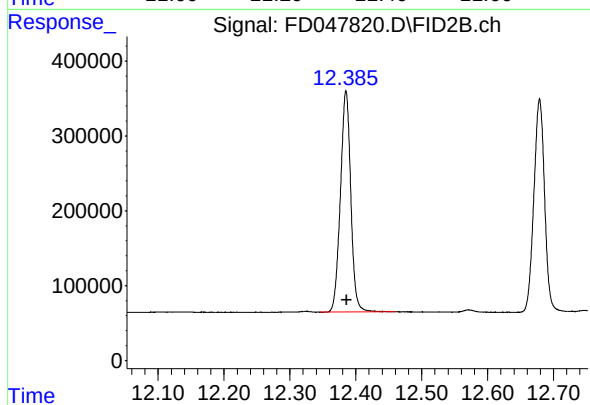
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.002 min
Response: 3165698
Conc: 21.06 ug/ml



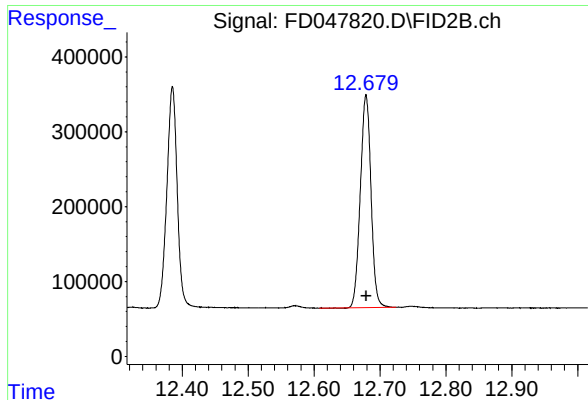
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 3414215
Conc: 21.35 ug/ml



#12 Fluoranthene (C21.85)

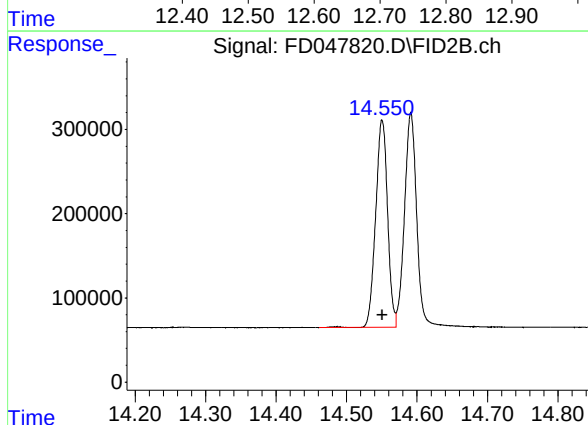
R.T.: 12.385 min
Delta R.T.: 0.000 min
Response: 3230655
Conc: 21.29 ug/ml



#13 Pyrene (C20.8)

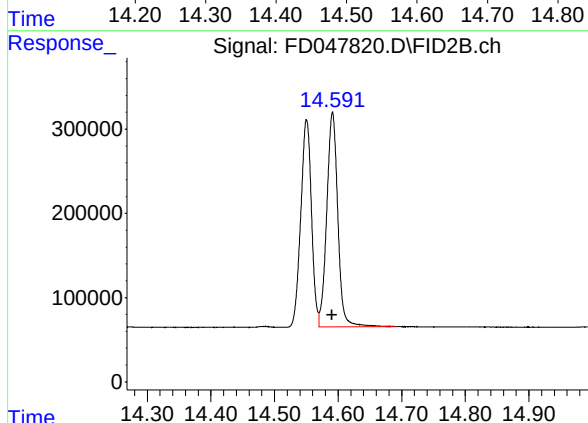
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3195796
Conc: 21.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



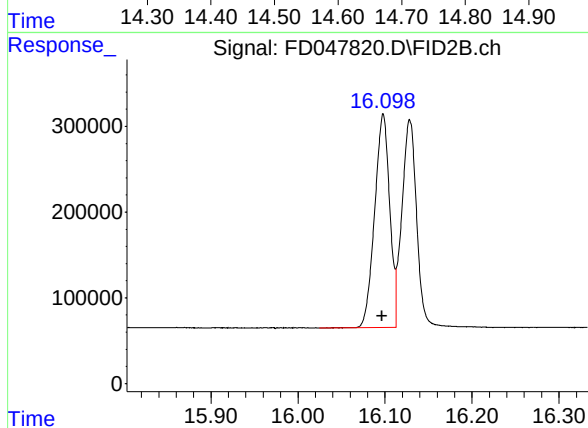
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.000 min
Response: 2890950
Conc: 21.09 ug/ml



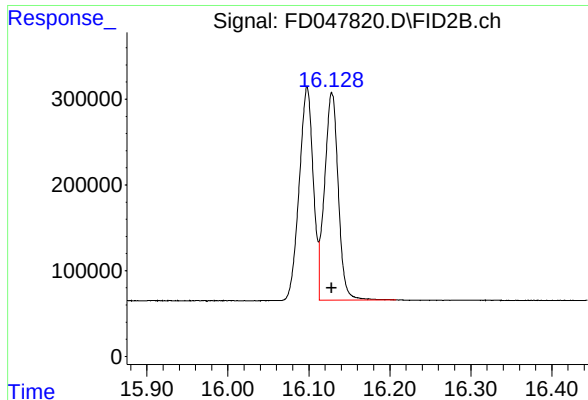
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.000 min
Response: 3075599
Conc: 20.88 ug/ml



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

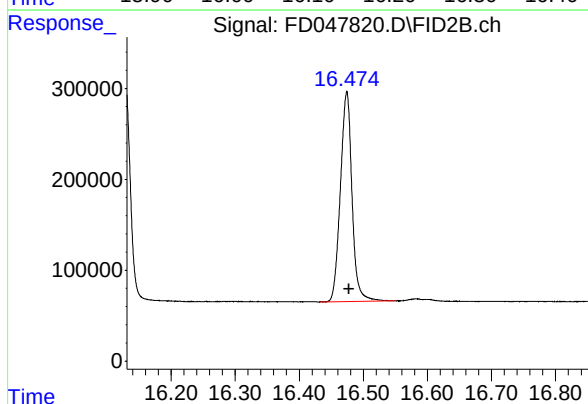
R.T.: 16.098 min
Delta R.T.: 0.001 min
Response: 2990723
Conc: 21.25 ug/ml



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

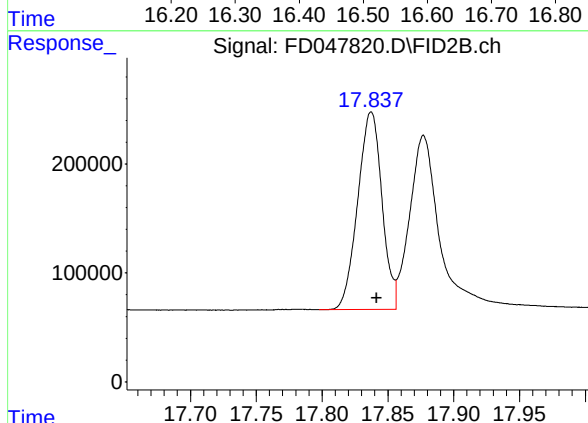
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2859817
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



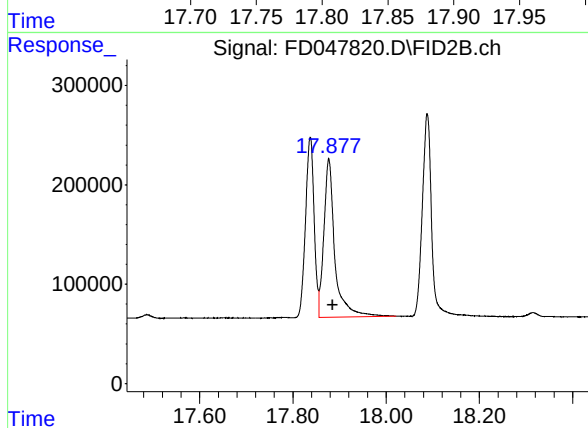
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: -0.003 min
Response: 2892241
Conc: 20.90 ug/ml



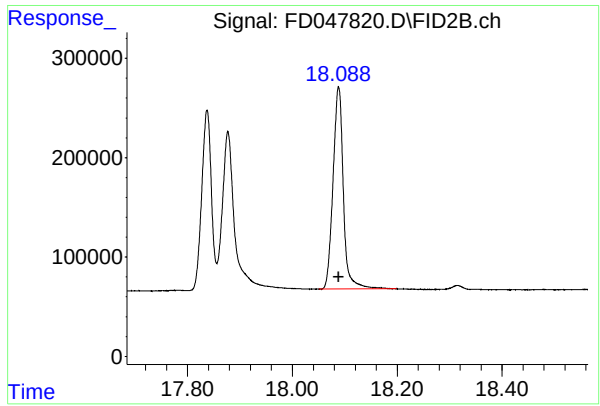
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: -0.004 min
Response: 2320294
Conc: 20.13 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.008 min
Response: 2606280
Conc: 19.55 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 2789798
Conc: 20.98 ug/ml

Instrument :

FID_D

ClientSampleId :

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