

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052224AR\
 Data File : FD047810.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 07:38
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 04:25:23 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	2972240	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
6) S 2-Fluorobiphenyl (SURR)	8.311	1973562	21.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.62%
11) S ortho-Terphenyl (SURR)	11.351	3369701	21.076 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3339169	21.142 ug/ml
2) T Naphthalene (C11.7)	5.795	3460358	21.200 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3491871	21.191 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3435527	21.019 ug/ml
7) T Acenaphthene (C15.5)	8.409	3455950	21.166 ug/ml
8) T Flouorene (C16.55)	9.188	3309539	21.038 ug/ml
9) T Phenanthrene (C19.36)	10.579	3269244	21.200 ug/ml
10) T Anthracene (C19.43)	10.654	3188073	21.207 ug/ml
12) T Fluoranthene (C21.85)	12.385	3186377	20.997 ug/ml
13) T Pyrene (C20.8)	12.679	3174556	21.058 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2881116	21.017 ug/ml
15) T Chrysene (C27.41)	14.590	3042990	20.656 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2961410	21.041 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	2840255	20.857 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	2883196	20.830 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2339075	20.290 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	2612921	19.595 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2770455	20.832 ug/ml

(f)=RT Delta > 1/2 Window

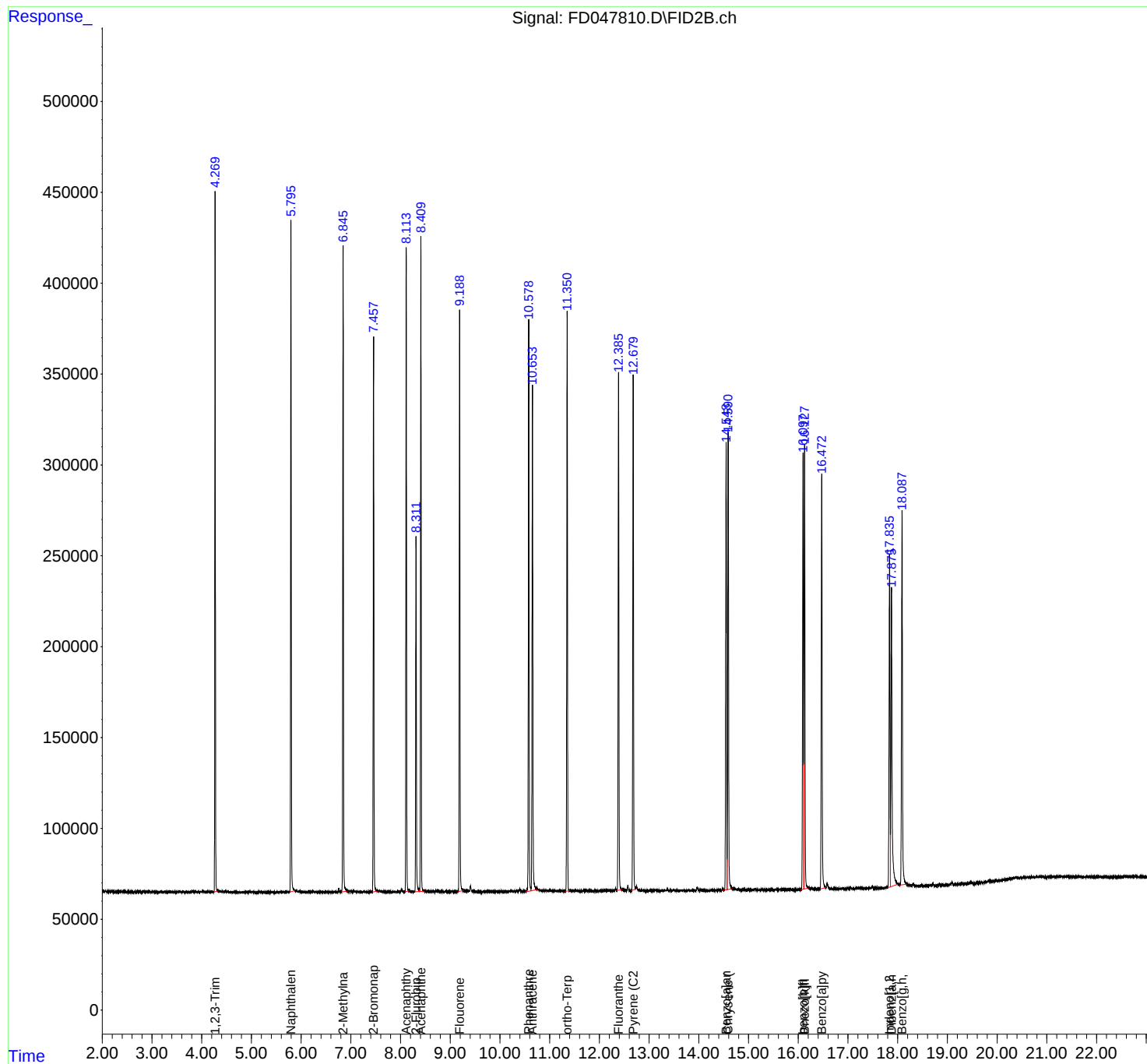
(m)=manual int.

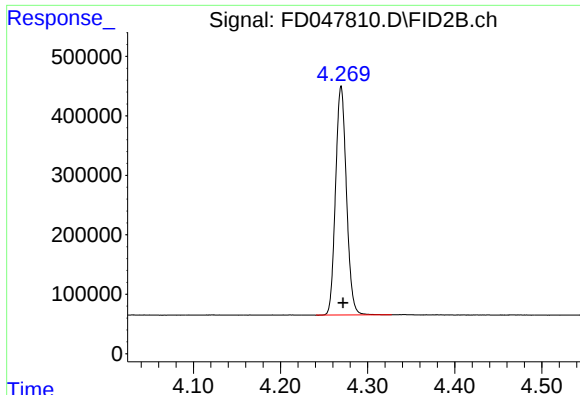
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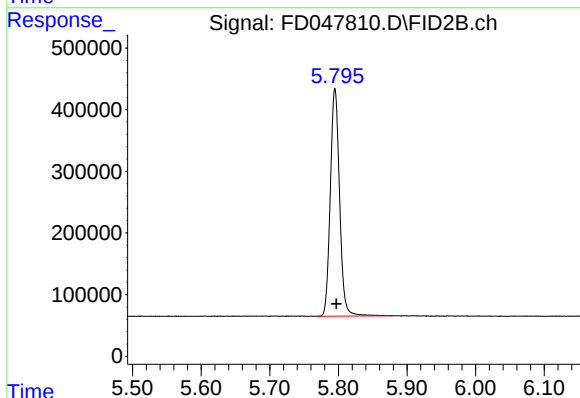




#1 1,2,3-Trimethylbenzene (C10.1)

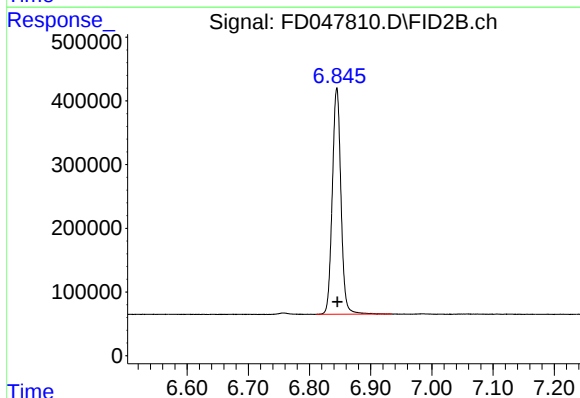
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 3339169
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



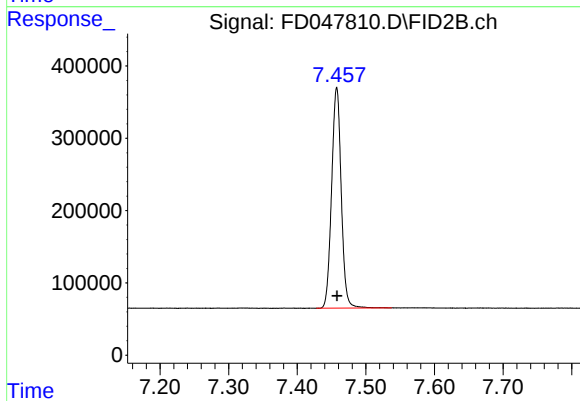
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3460358
Conc: 21.20 ug/ml



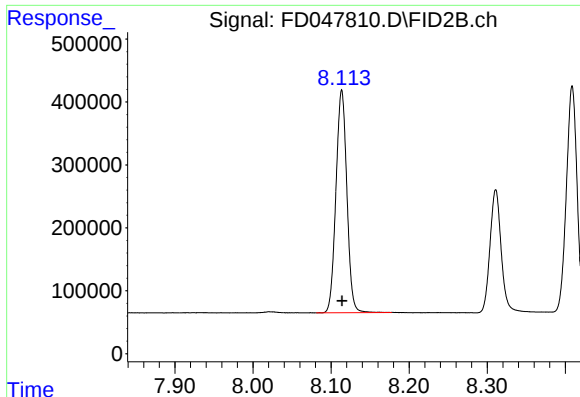
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 3491871
Conc: 21.19 ug/ml



#4 2-Bromonaphthalene (SURR)

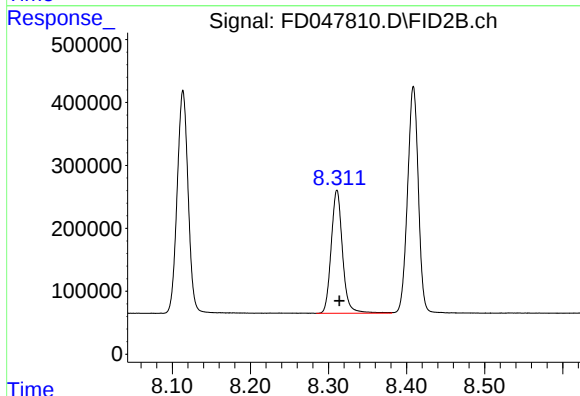
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 2972240
Conc: 21.17 ug/ml



#5 Acenaphthylene (C15.06)

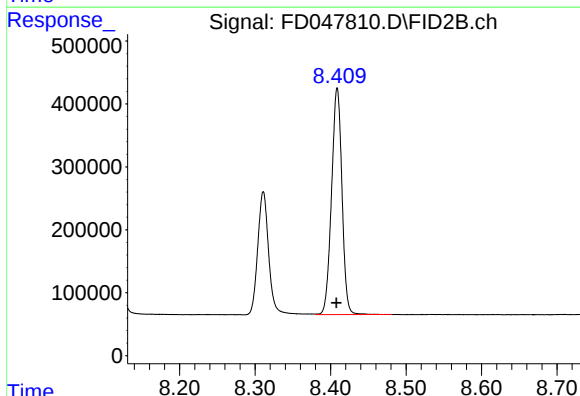
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3435527
Conc: 21.02 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



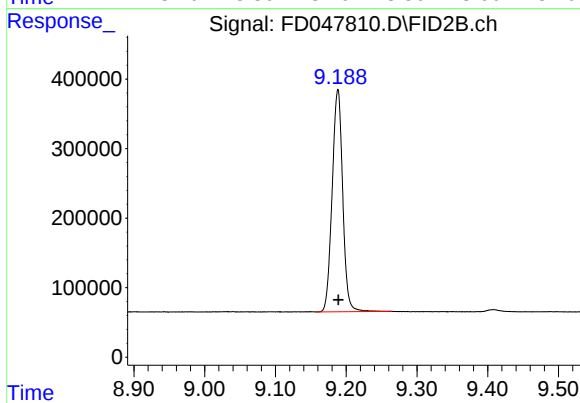
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 1973562
Conc: 21.31 ug/ml



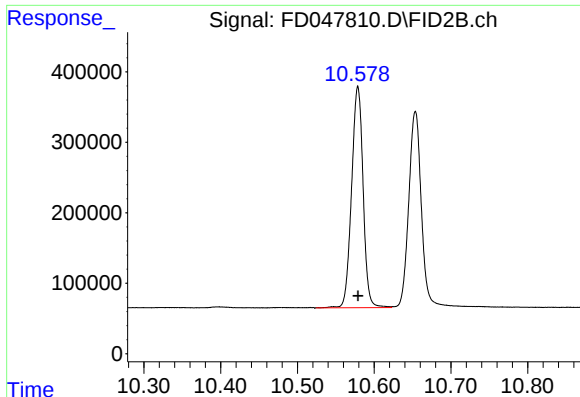
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.001 min
Response: 3455950
Conc: 21.17 ug/ml



#8 Fluorene (C16.55)

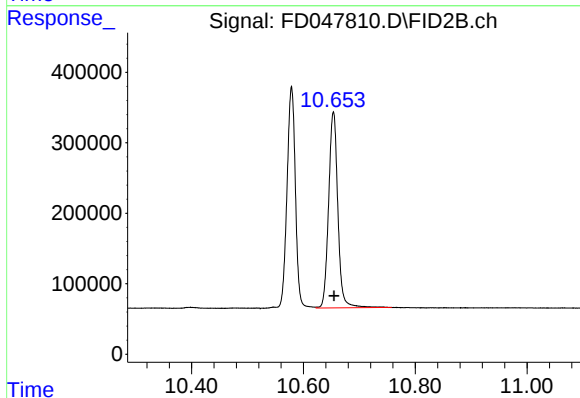
R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 3309539
Conc: 21.04 ug/ml



#9 Phenanthrene (C19.36)

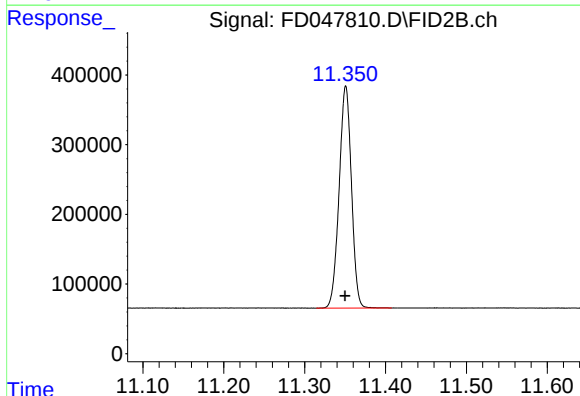
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 3269244
Conc: 21.20 ug/ml

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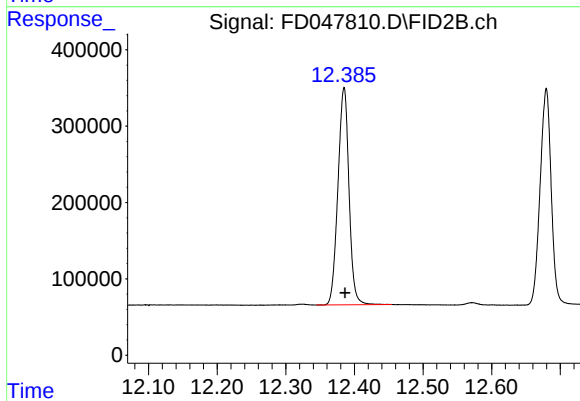
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.001 min
Response: 3188073
Conc: 21.21 ug/ml



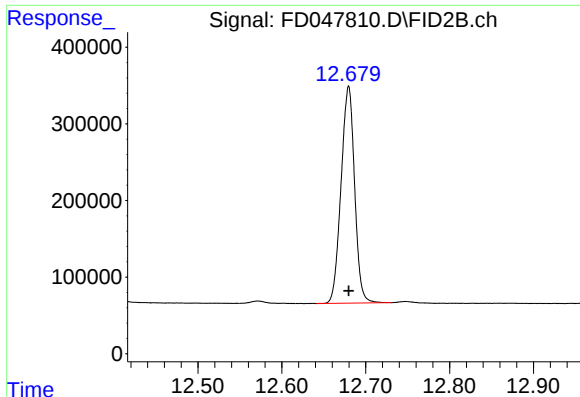
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 3369701
Conc: 21.08 ug/ml



#12 Fluoranthene (C21.85)

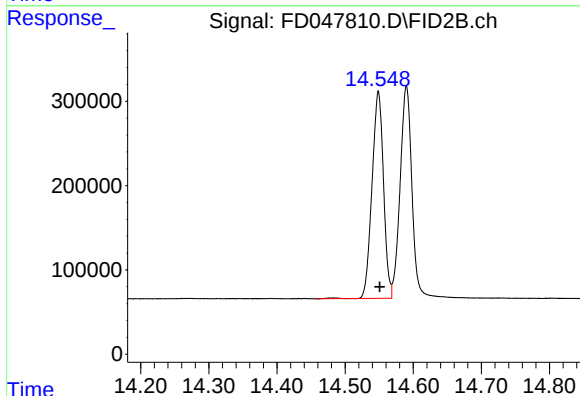
R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 3186377
Conc: 21.00 ug/ml



#13 Pyrene (C20.8)

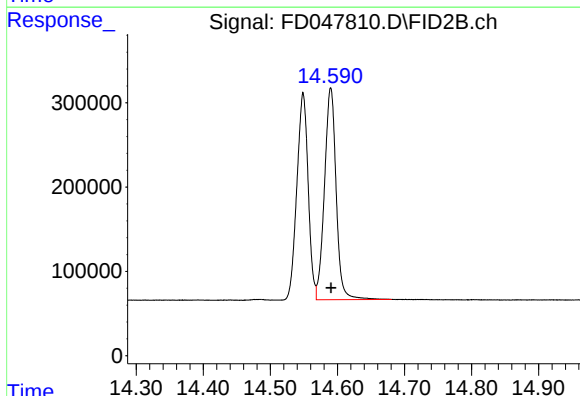
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3174556
Conc: 21.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



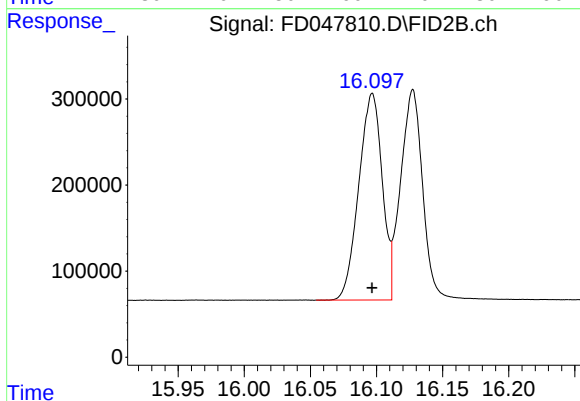
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: -0.002 min
Response: 2881116
Conc: 21.02 ug/ml



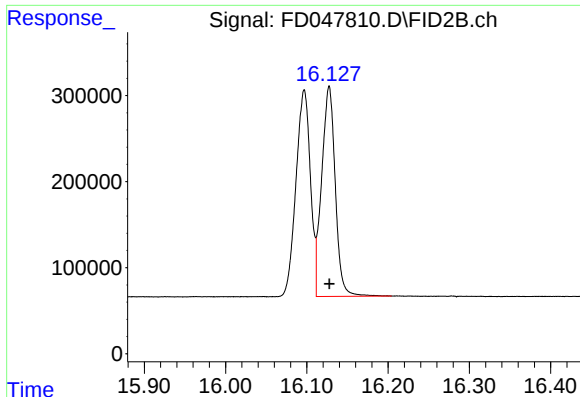
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.000 min
Response: 3042990
Conc: 20.66 ug/ml



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

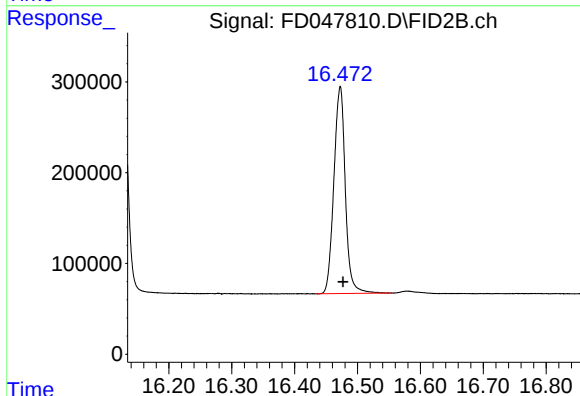
R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 2961410
Conc: 21.04 ug/ml



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

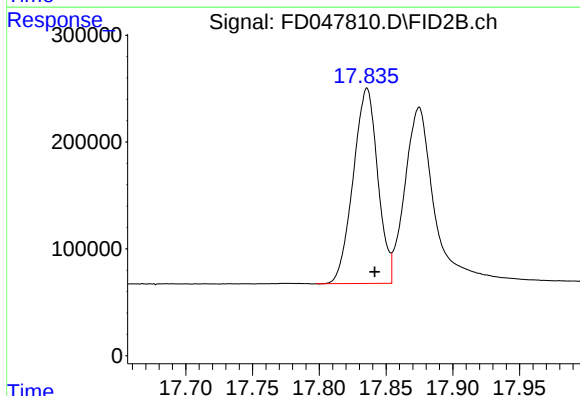
R.T.: 16.127 min
Delta R.T.: 0.000 min
Response: 2840255
Conc: 20.86 ug/ml

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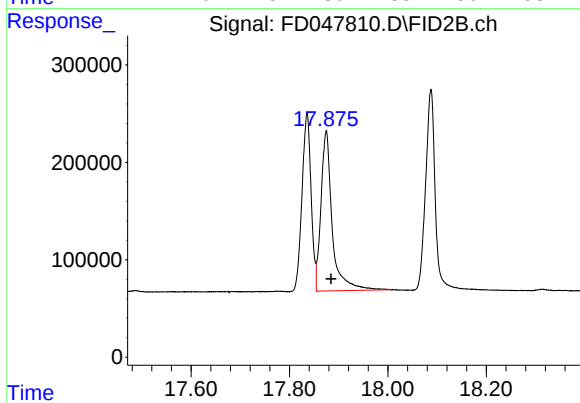
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: -0.005 min
Response: 2883196
Conc: 20.83 ug/ml



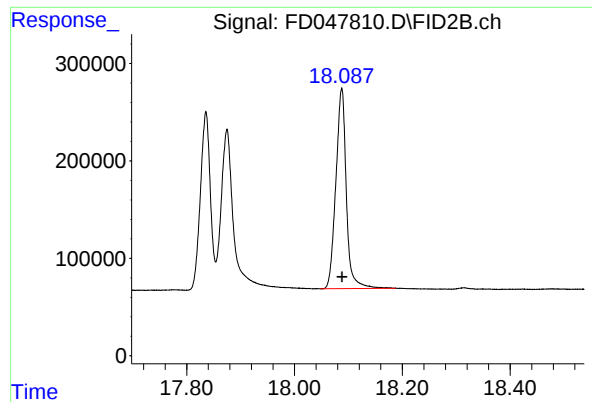
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.006 min
Response: 2339075
Conc: 20.29 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.010 min
Response: 2612921
Conc: 19.60 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 2770455
Conc: 20.83 ug/ml

Instrument :

FID_D

ClientSampleId :

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