

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047008.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 12:55
 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: Dec 07 23:26:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.474	3782669	21.865 ug/ml
Spiked Amount 50.000		Recovery =	43.73%
6) S 2-Fluorobiphenyl (SURR)	8.326	2482425	22.829 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.66%
11) S ortho-Terphenyl (SURR)	11.365	4574068	22.986 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3865829	20.777 ug/ml
2) T Naphthalene (C11.7)	5.814	4080234	21.426 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	4148314	21.542 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3834668	22.029 ug/ml
7) T Acenaphthene (C15.5)	8.425	4096429	22.089 ug/ml
8) T Fluorene (C16.55)	9.203	3949129	22.879 ug/ml
9) T Phenanthrene (C19.36)	10.592	3777011	23.004 ug/ml
10) T Anthracene (C19.43)	10.666	3444941	22.277 ug/ml
12) T Fluoranthene (C21.85)	12.396	3749862	23.659 ug/ml
13) T Pyrene (C20.8)	12.689	3670706	23.991 ug/ml
14) T Benzo[a]anthracene (C...	14.554	3024968	23.330 ug/ml
15) T Chrysene (C27.41)	14.596	3281714	22.896 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3123228	23.383 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3238626	23.705 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2958563	22.583 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2497318	20.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2858587	22.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	2759817	21.093 ug/ml

(f)=RT Delta > 1/2 Window

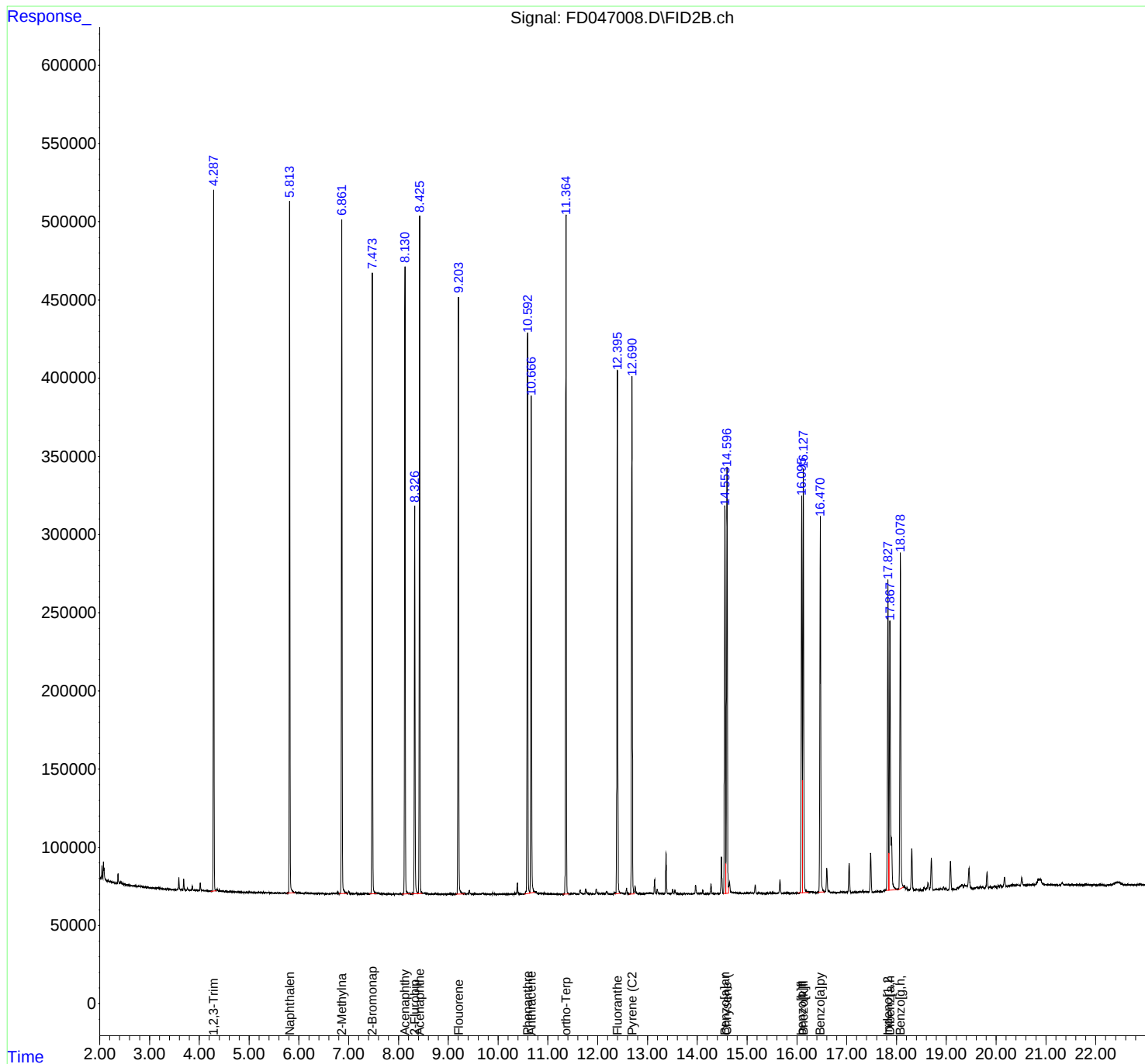
(m)=manual int.

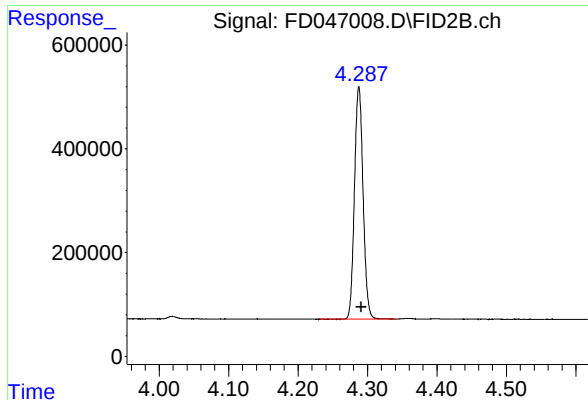
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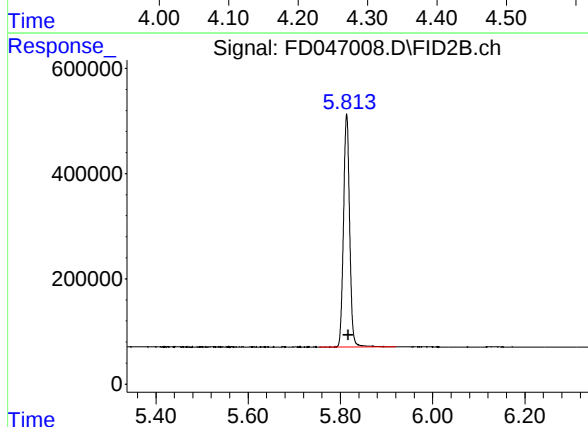




#1 1,2,3-Trimethylbenzene (C10.1)

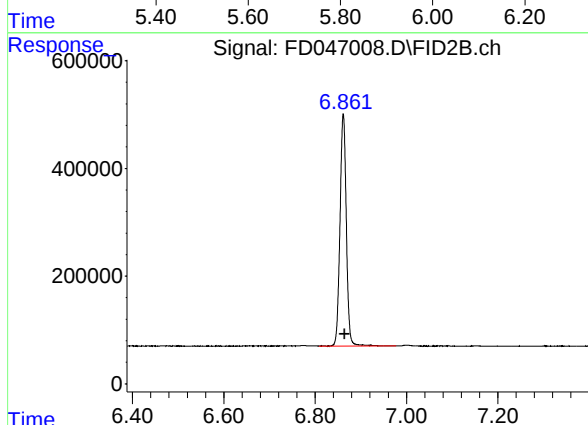
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 3865829
Conc: 20.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



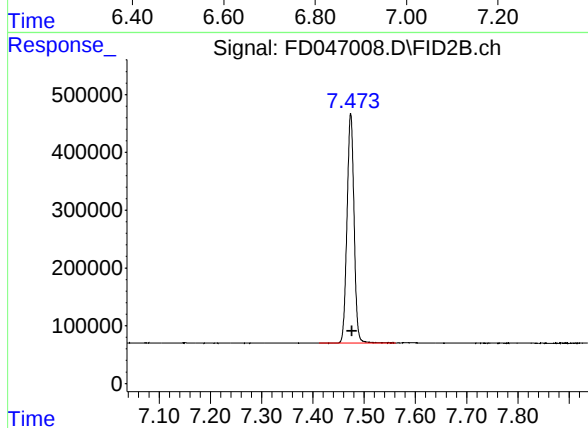
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 4080234
Conc: 21.43 ug/ml



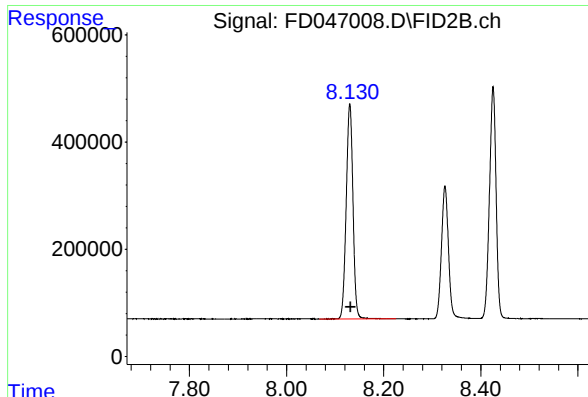
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 4148314
Conc: 21.54 ug/ml



#4 2-Bromonaphthalene (SURR)

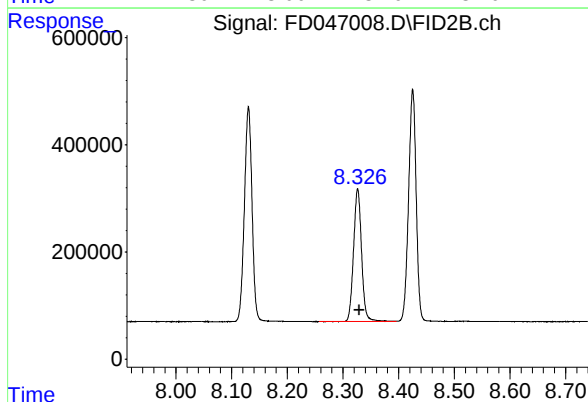
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 3782669
Conc: 21.86 ug/ml



#5 Acenaphthylene (C15.06)

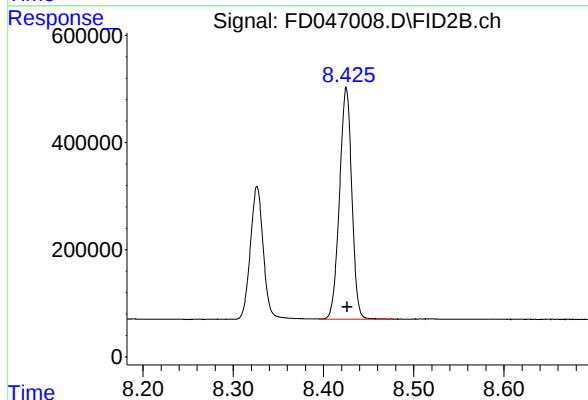
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 3834668
Conc: 22.03 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



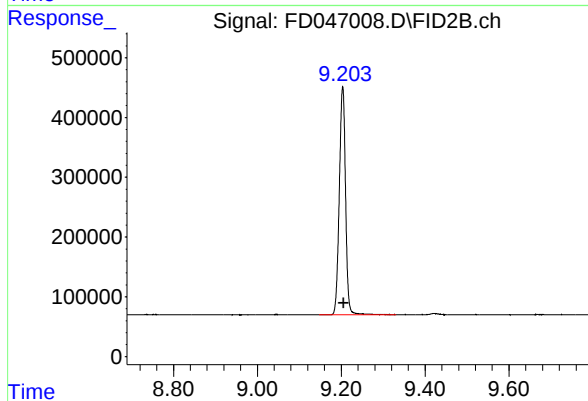
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.003 min
Response: 2482425
Conc: 22.83 ug/ml



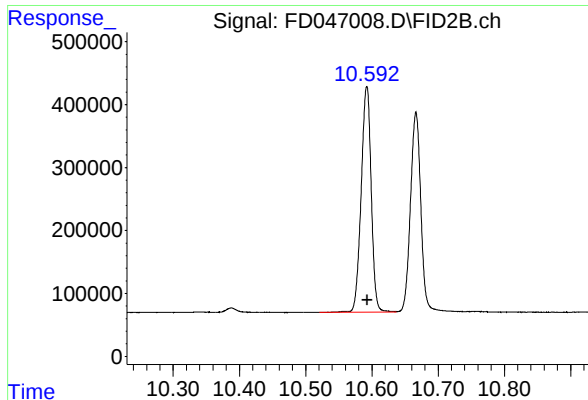
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.001 min
Response: 4096429
Conc: 22.09 ug/ml



#8 Fluorene (C16.55)

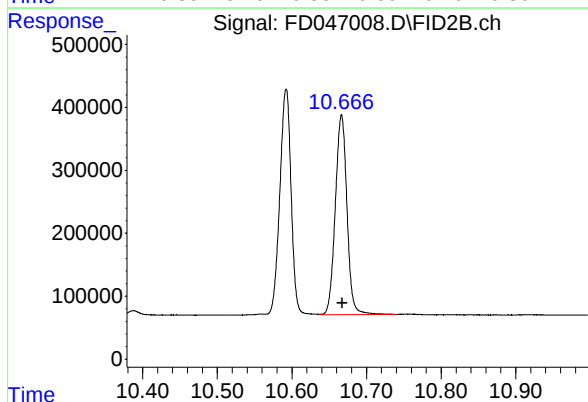
R.T.: 9.203 min
Delta R.T.: -0.003 min
Response: 3949129
Conc: 22.88 ug/ml



#9 Phenanthrene (C19.36)

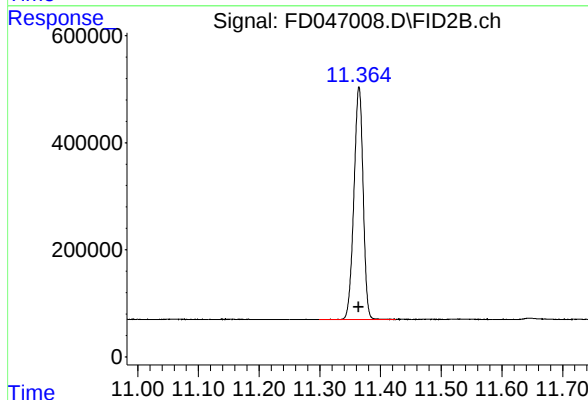
R.T.: 10.592 min
Delta R.T.: -0.001 min
Response: 3777011
Conc: 23.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



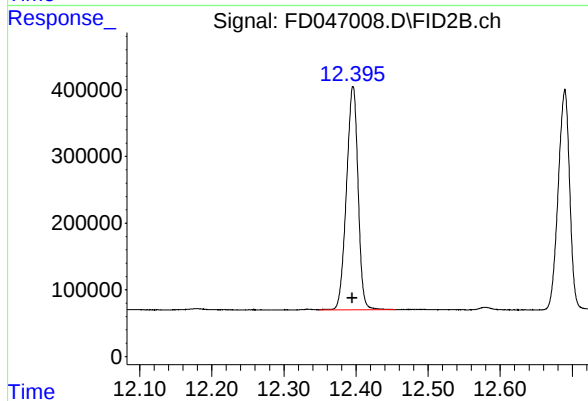
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: -0.001 min
Response: 3444941
Conc: 22.28 ug/ml



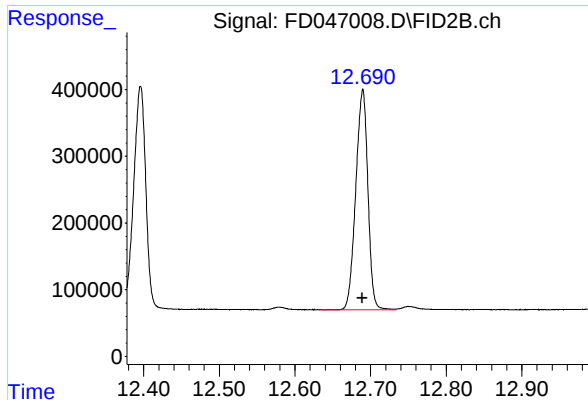
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 4574068
Conc: 22.99 ug/ml



#12 Fluoranthene (C21.85)

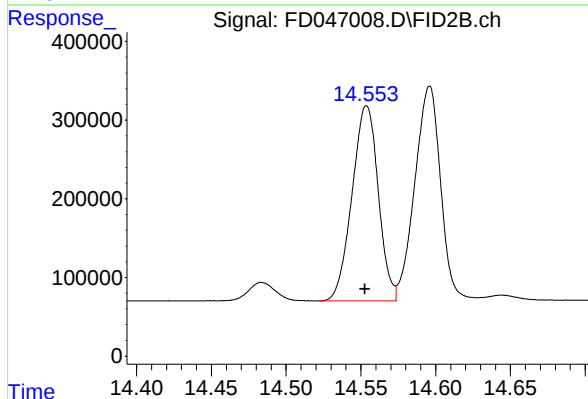
R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 3749862
Conc: 23.66 ug/ml



#13 Pyrene (C20.8)

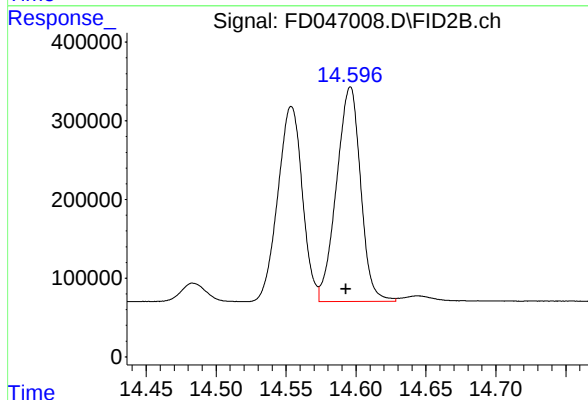
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3670706
Conc: 23.99 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



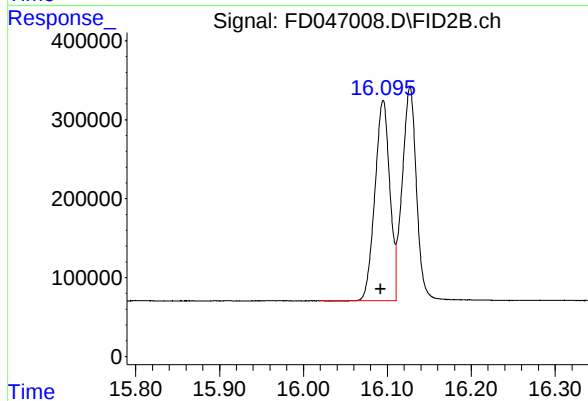
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.001 min
Response: 3024968
Conc: 23.33 ug/ml



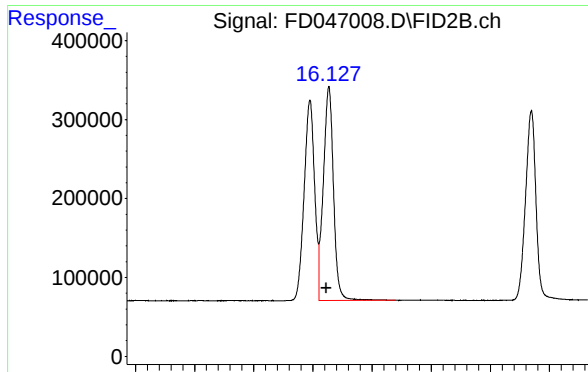
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.003 min
Response: 3281714
Conc: 22.90 ug/ml



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

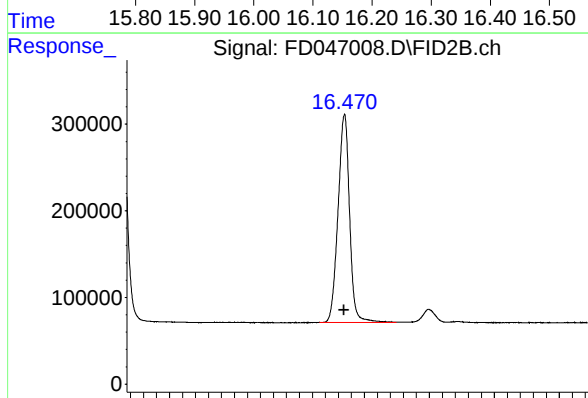
R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 3123228
Conc: 23.38 ug/ml



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

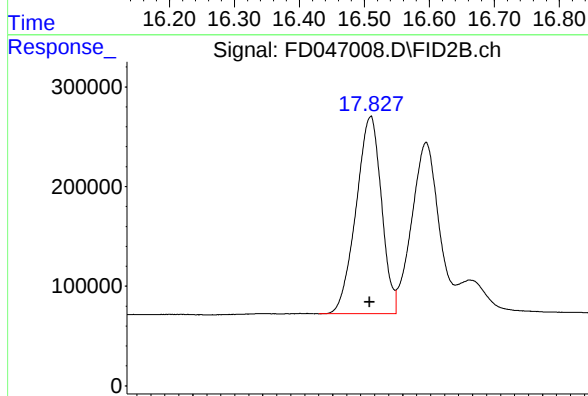
R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 3238626
Conc: 23.70 ug/ml

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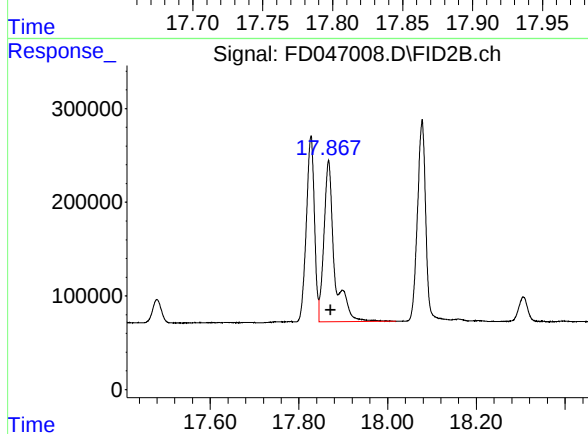
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2958563
Conc: 22.58 ug/ml



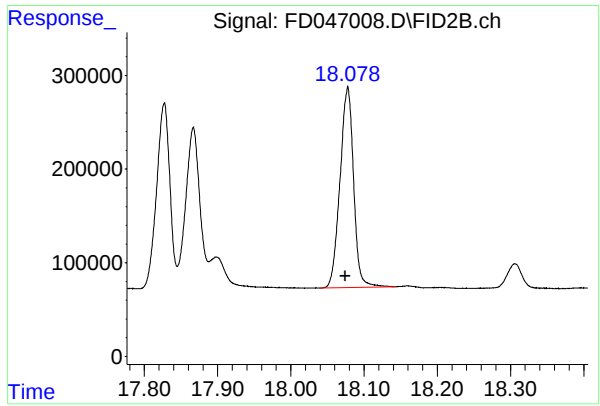
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 2497318
Conc: 20.93 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 2858587
Conc: 22.00 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 2759817
Conc: 21.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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