

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045432.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 07:16
 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: Apr 07 07:47:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	3001770	21.909 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
6) S 2-Fluorobiphenyl (SURR)	8.401	1953784	21.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.59%
11) S ortho-Terphenyl (SURR)	11.442	3719282	21.377 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3420686	21.958 ug/ml
2) T Naphthalene (C11.7)	5.886	3530597	21.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3501884	21.876 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3136125	21.419 ug/ml
7) T Acenaphthene (C15.5)	8.502	3362256	21.677 ug/ml
8) T Flouorene (C16.55)	9.279	3228378	21.771 ug/ml
9) T Phenanthrene (C19.36)	10.669	3100837	21.406 ug/ml
10) T Anthracene (C19.43)	10.743	2693281	19.485 ug/ml
12) T Fluoranthene (C21.85)	12.474	3050008	21.200 ug/ml
13) T Pyrene (C20.8)	12.769	2981138	21.203 ug/ml
14) T Benzo[a]anthracene (C...	14.633	2759379	21.517 ug/ml
15) T Chrysene (C27.41)	14.675	2892477	21.813 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2797129	21.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	2864402	22.616 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	2661715	21.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2432986	20.556 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2636577	22.131 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	2547377	20.394 ug/ml

(f)=RT Delta > 1/2 Window

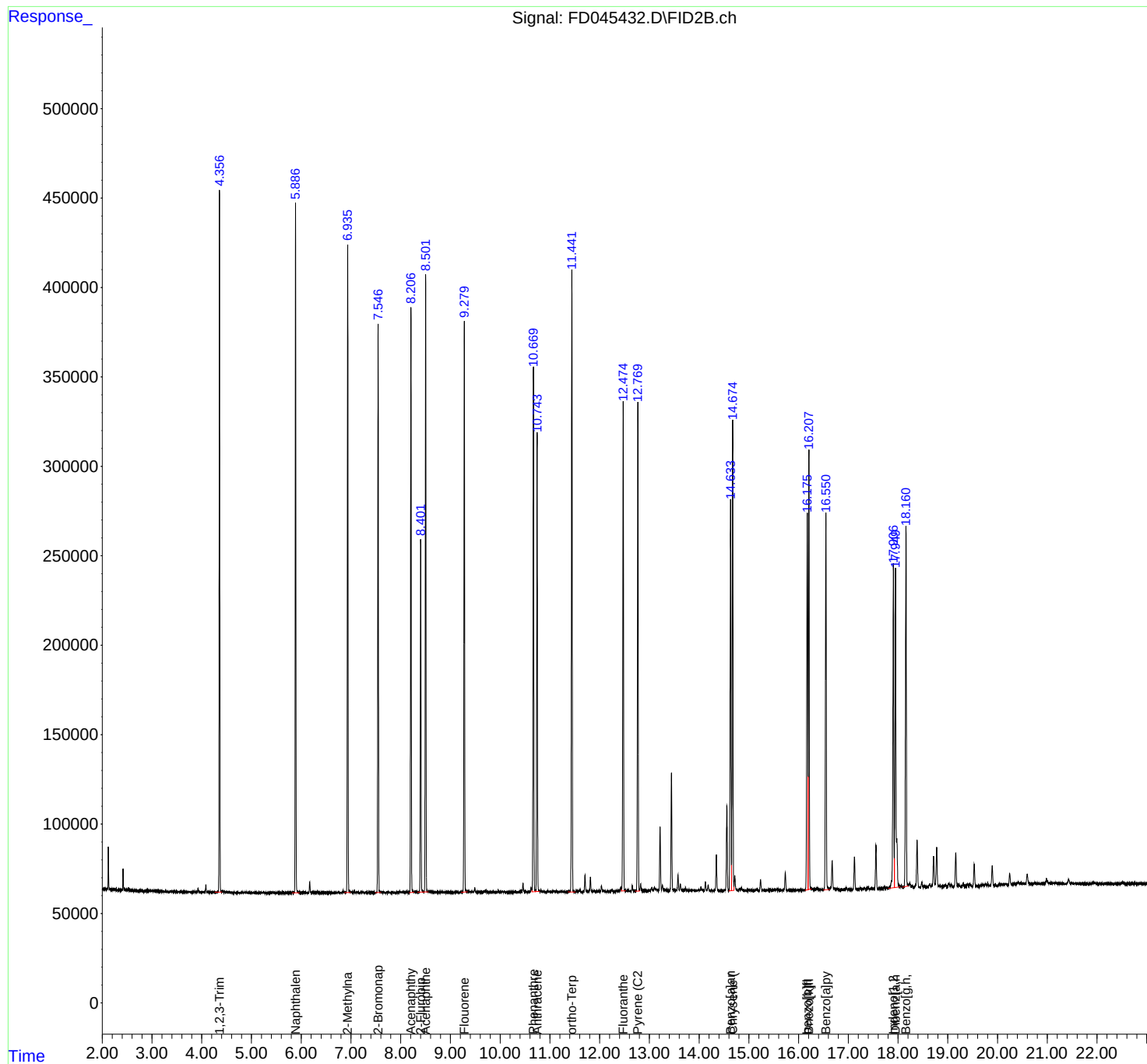
(m)=manual int.

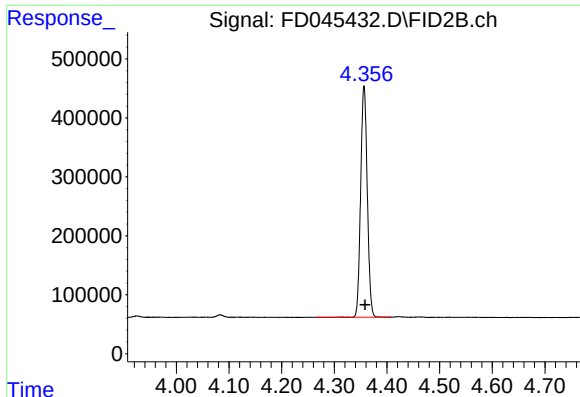
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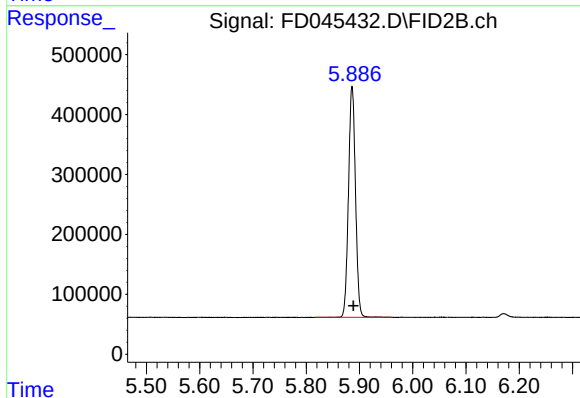




#1 1,2,3-Trimethylbenzene (C10.1)

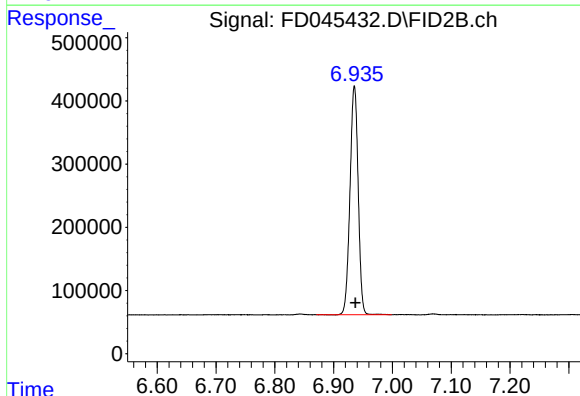
R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 3420686
Conc: 21.96 ug/ml

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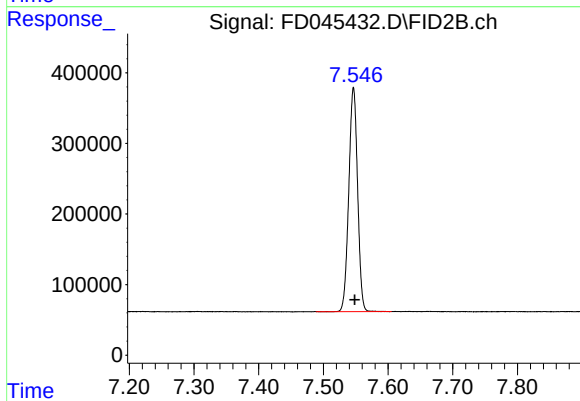
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 3530597
Conc: 21.97 ug/ml



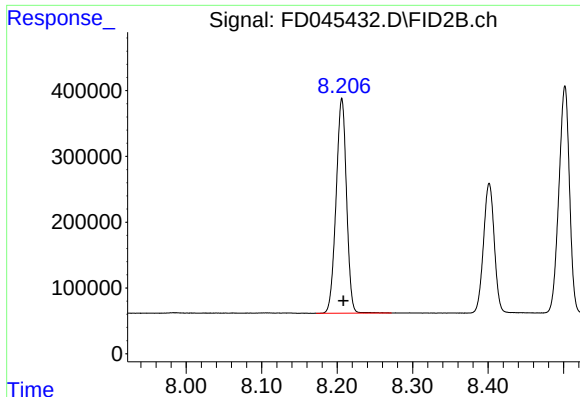
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 3501884
Conc: 21.88 ug/ml



#4 2-Bromonaphthalene (SURR)

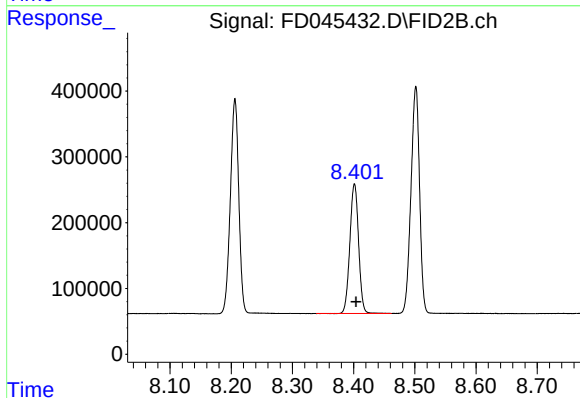
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 3001770
Conc: 21.91 ug/ml



#5 Acenaphthylene (C15.06)

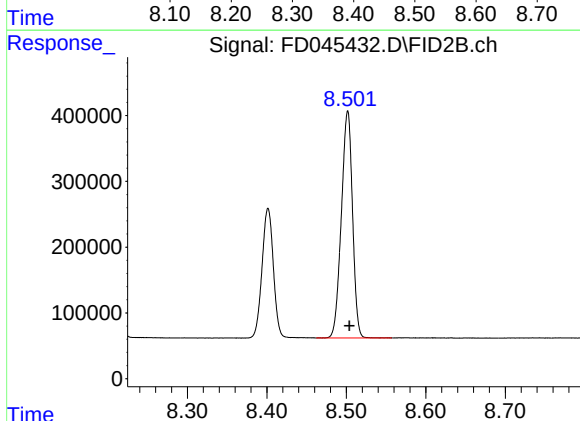
R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 3136125
Conc: 21.42 ug/ml

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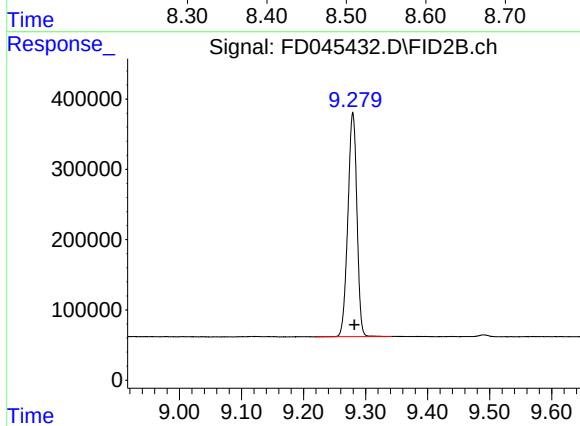
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 1953784
Conc: 21.79 ug/ml



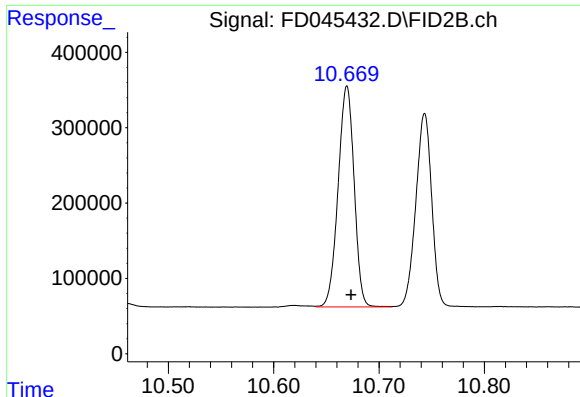
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 3362256
Conc: 21.68 ug/ml



#8 Fluorene (C16.55)

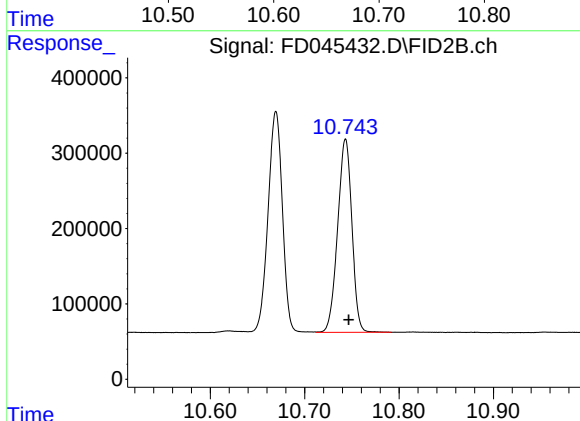
R.T.: 9.279 min
Delta R.T.: -0.002 min
Response: 3228378
Conc: 21.77 ug/ml



#9 Phenanthrene (C19.36)

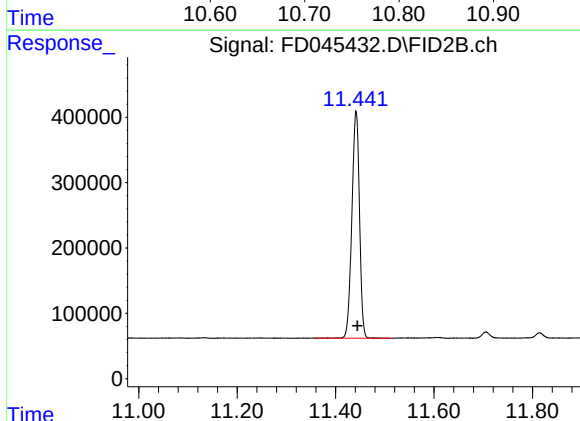
R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 3100837
Conc: 21.41 ug/ml

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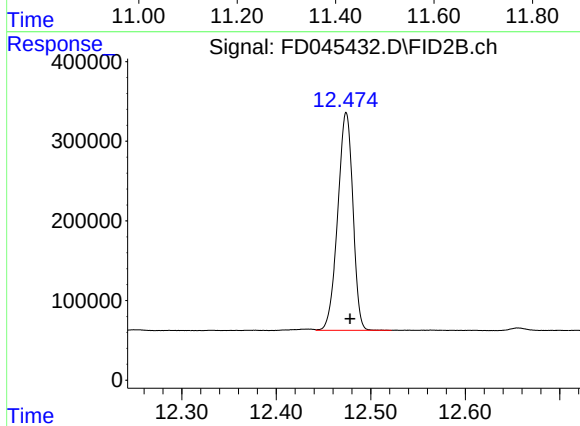
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.003 min
Response: 2693281
Conc: 19.48 ug/ml



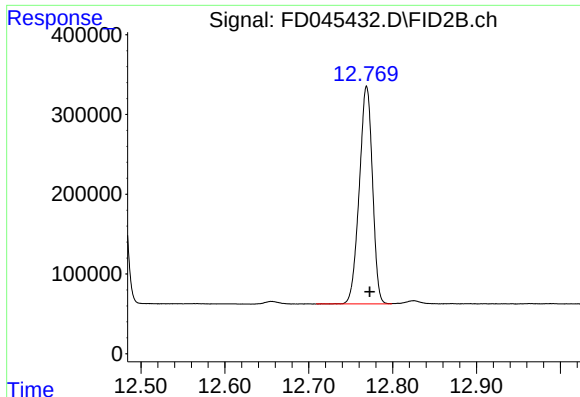
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.003 min
Response: 3719282
Conc: 21.38 ug/ml



#12 Fluoranthene (C21.85)

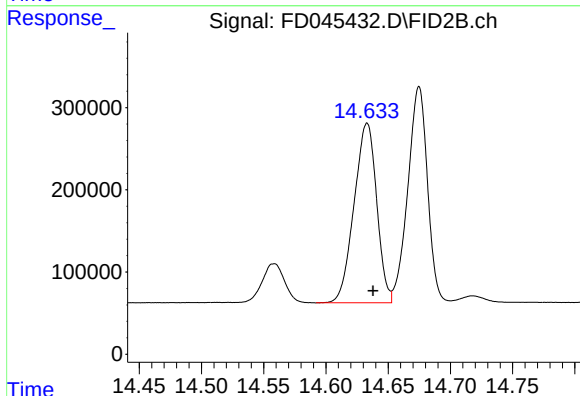
R.T.: 12.474 min
Delta R.T.: -0.004 min
Response: 3050008
Conc: 21.20 ug/ml



#13 Pyrene (C20.8)

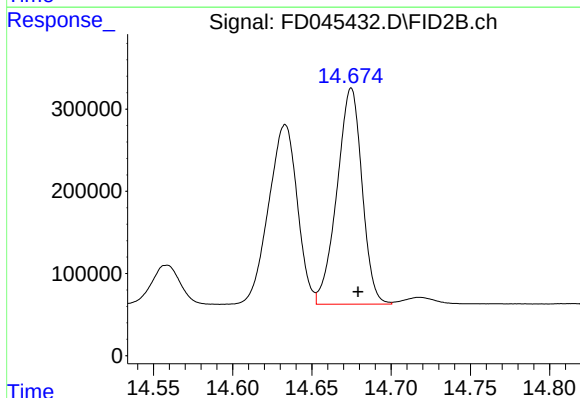
R.T.: 12.769 min
Delta R.T.: -0.004 min
Response: 2981138
Conc: 21.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



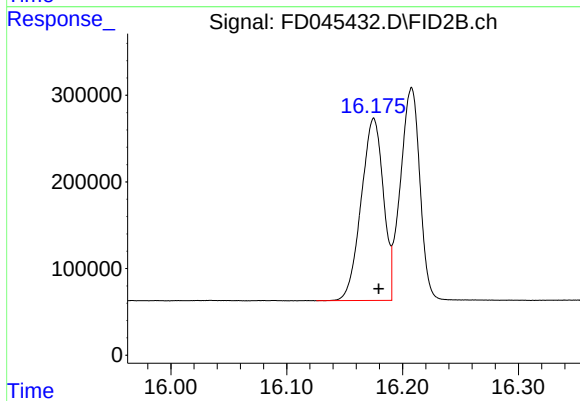
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: -0.005 min
Response: 2759379
Conc: 21.52 ug/ml



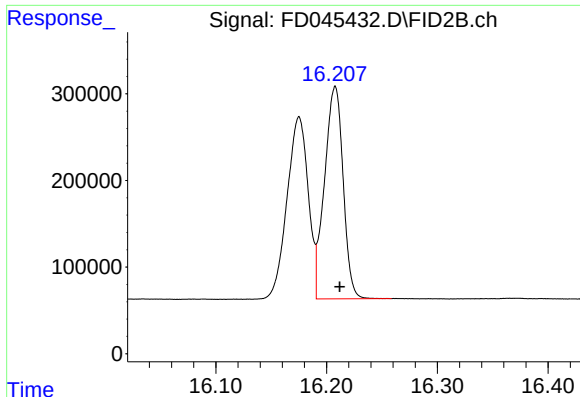
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: -0.004 min
Response: 2892477
Conc: 21.81 ug/ml



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

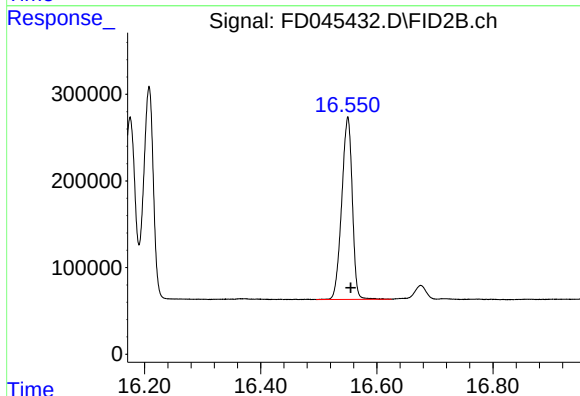
R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 2797129
Conc: 21.53 ug/ml



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

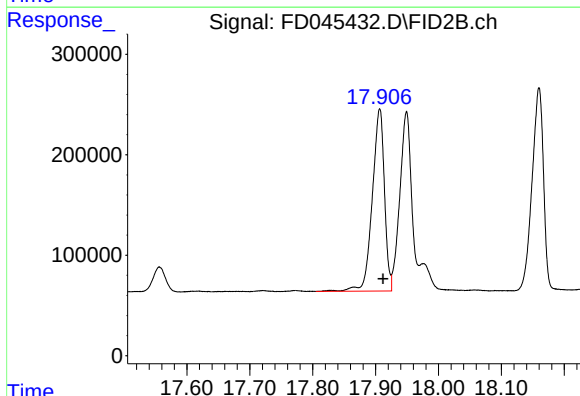
R.T.: 16.208 min
Delta R.T.: -0.004 min
Response: 2864402
Conc: 22.62 ug/ml

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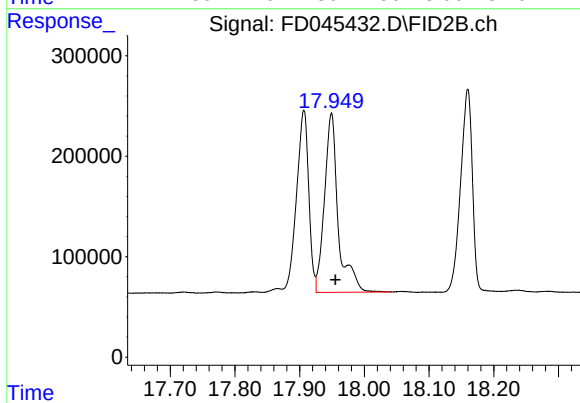
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: -0.005 min
Response: 2661715
Conc: 21.17 ug/ml



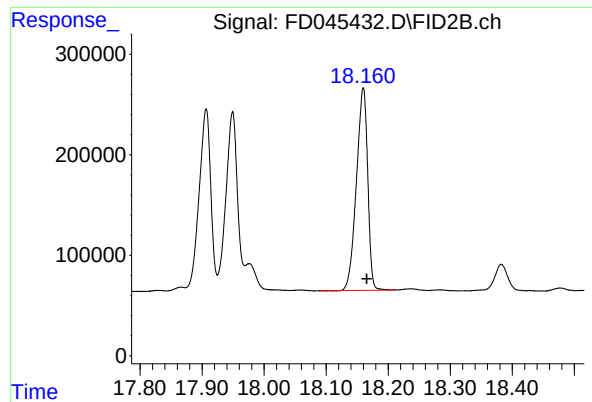
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.006 min
Response: 2432986
Conc: 20.56 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.006 min
Response: 2636577
Conc: 22.13 ug/ml



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

R.T.: 18.160 min
Delta R.T.: -0.006 min
Response: 2547377
Conc: 20.39 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD