

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AR\
 Data File : FD045435.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 09:23
 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 10 04:40:19 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	3063270	22.358 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
6) S 2-Fluorobiphenyl (SURR)	8.402	2005412	22.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.74%
11) S ortho-Terphenyl (SURR)	11.441	3824878	21.984 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	3520767	22.600 ug/ml
2) T Naphthalene (C11.7)	5.886	3626456	22.565 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3591301	22.434 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3219973	21.992 ug/ml
7) T Acenaphthene (C15.5)	8.501	3457520	22.291 ug/ml
8) T Fluorene (C16.55)	9.279	3322927	22.409 ug/ml
9) T Phenanthrene (C19.36)	10.669	3194699	22.054 ug/ml
10) T Anthracene (C19.43)	10.743	2764840	20.002 ug/ml
12) T Fluoranthene (C21.85)	12.474	3176777	22.081 ug/ml
13) T Pyrene (C20.8)	12.769	3075040	21.871 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2841581	22.158 ug/ml
15) T Chrysene (C27.41)	14.676	2989996	22.549 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2871671	22.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2961086	23.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	2734311	21.748 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2502061	21.140 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2704299	22.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2623018	20.999 ug/ml

(f)=RT Delta > 1/2 Window

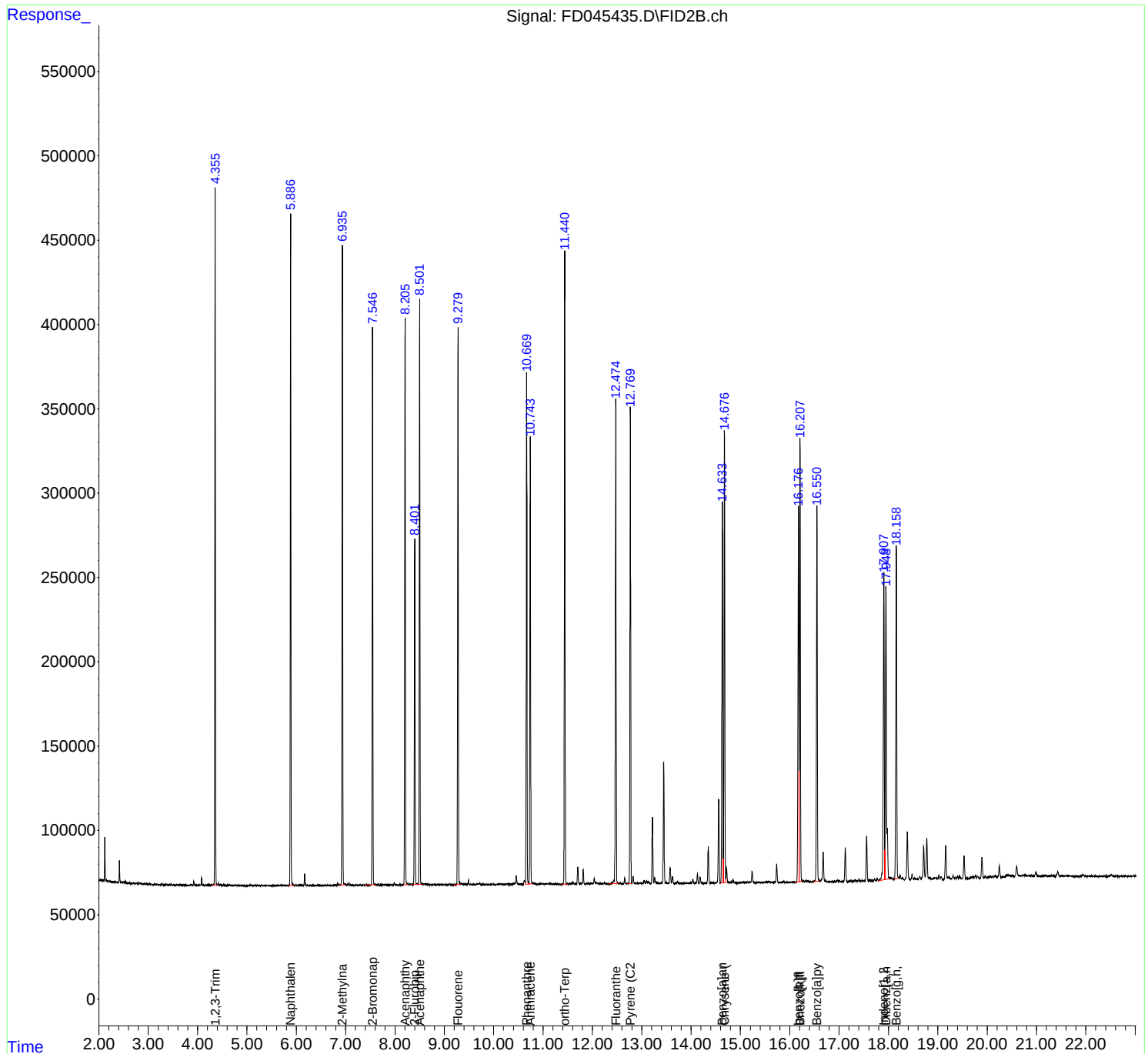
(m)=manual int.

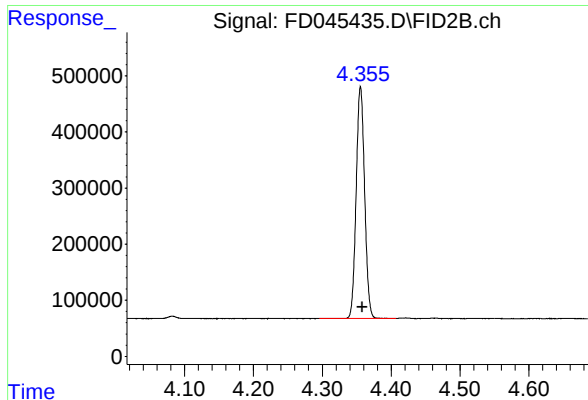
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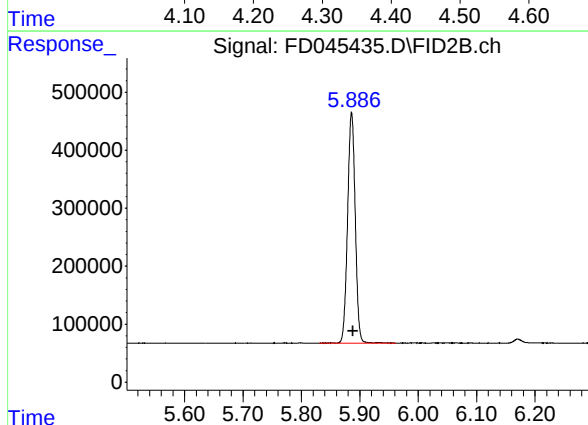




#1 1,2,3-Trimethylbenzene (C10.1)

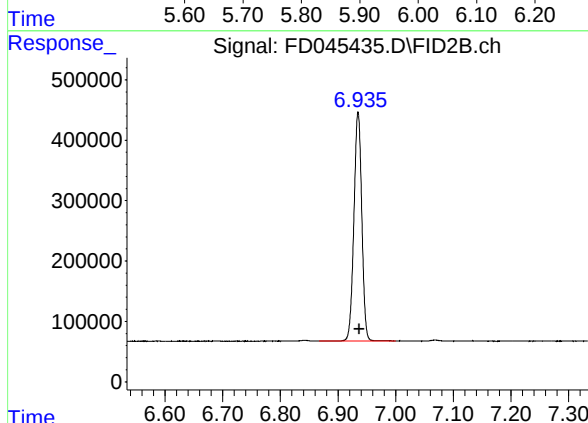
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3520767
Conc: 22.60 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



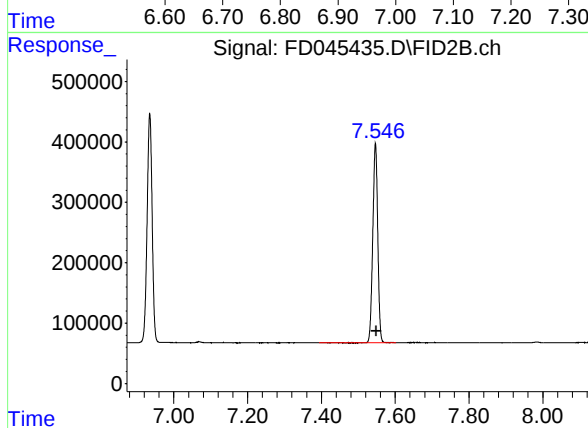
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 3626456
Conc: 22.57 ug/ml



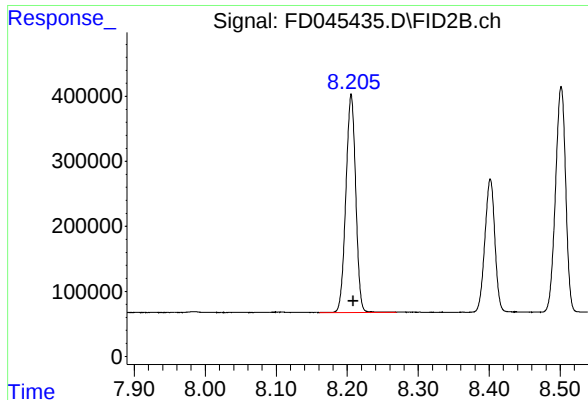
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 3591301
Conc: 22.43 ug/ml



#4 2-Bromonaphthalene (SURR)

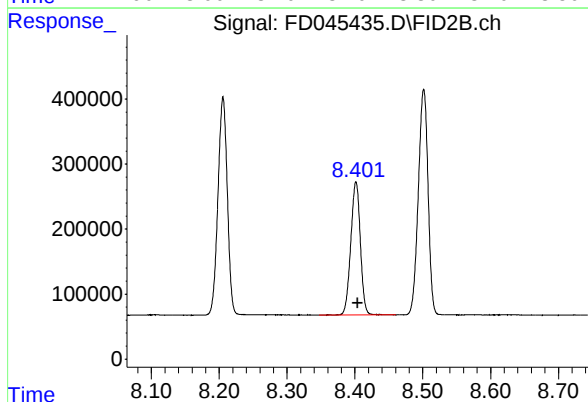
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 3063270
Conc: 22.36 ug/ml



#5 Acenaphthylene (C15.06)

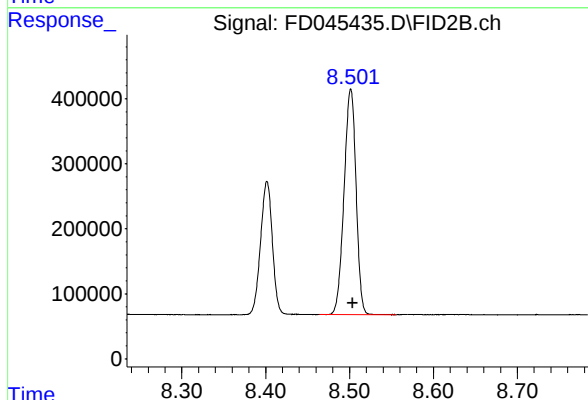
R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 3219973
Conc: 21.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



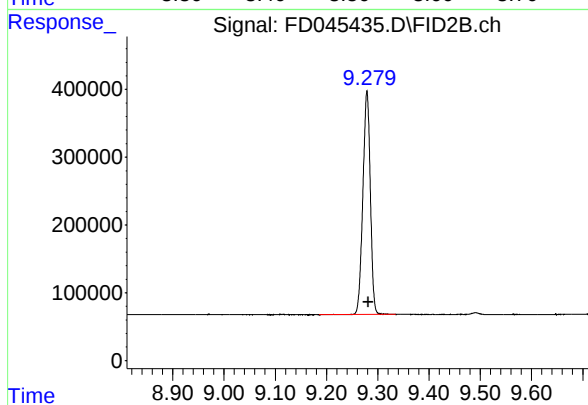
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.003 min
Response: 2005412
Conc: 22.37 ug/ml



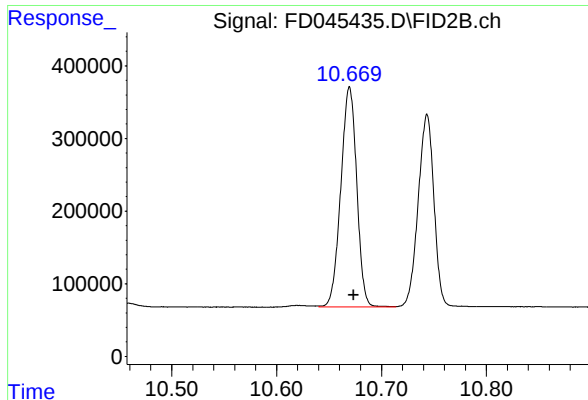
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 3457520
Conc: 22.29 ug/ml



#8 Flouorene (C16.55)

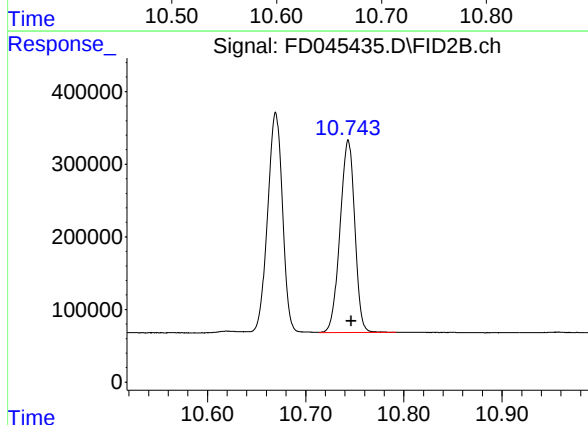
R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 3322927
Conc: 22.41 ug/ml



#9 Phenanthrene (C19.36)

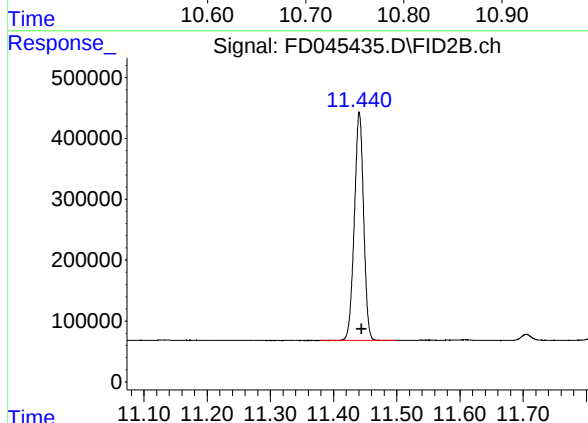
R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 3194699
Conc: 22.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



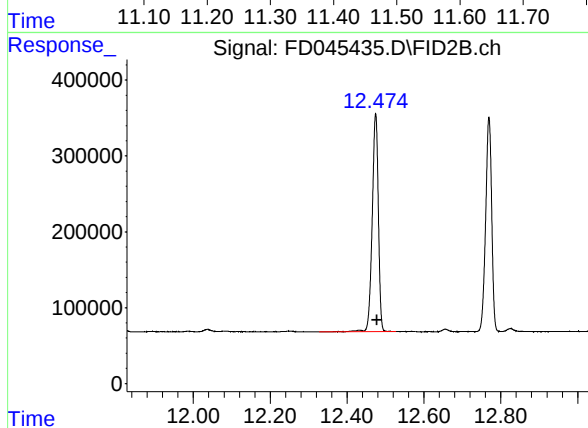
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.003 min
Response: 2764840
Conc: 20.00 ug/ml



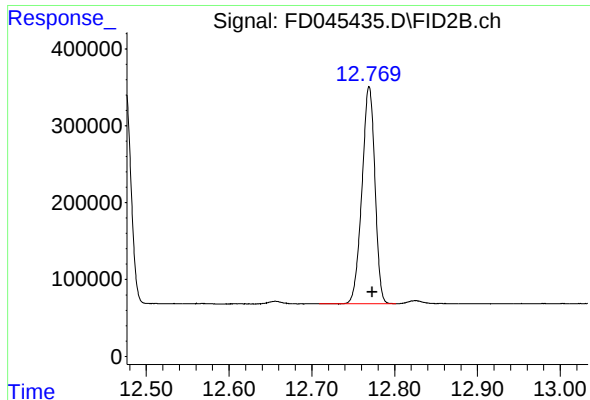
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.004 min
Response: 3824878
Conc: 21.98 ug/ml



#12 Fluoranthene (C21.85)

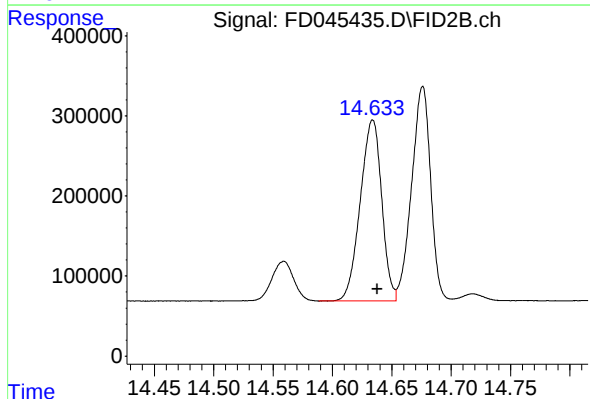
R.T.: 12.474 min
Delta R.T.: -0.004 min
Response: 3176777
Conc: 22.08 ug/ml



#13 Pyrene (C20.8)

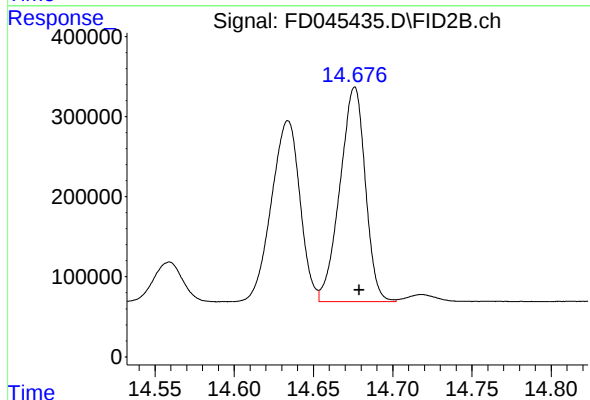
R.T.: 12.769 min
Delta R.T.: -0.004 min
Response: 3075040
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



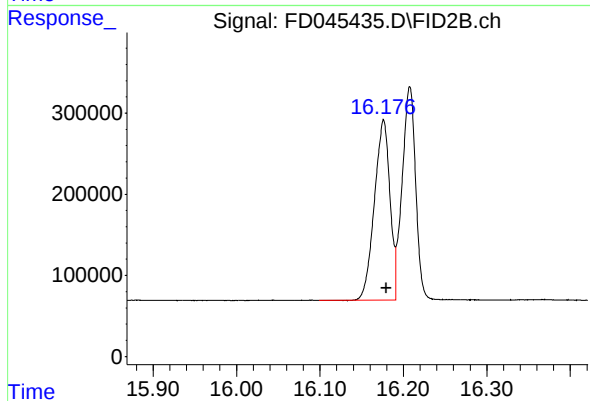
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 2841581
Conc: 22.16 ug/ml



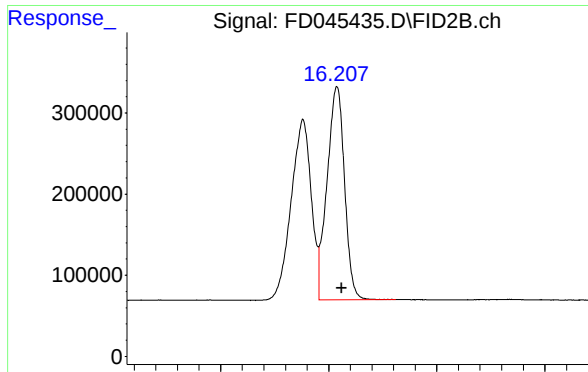
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.003 min
Response: 2989996
Conc: 22.55 ug/ml



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

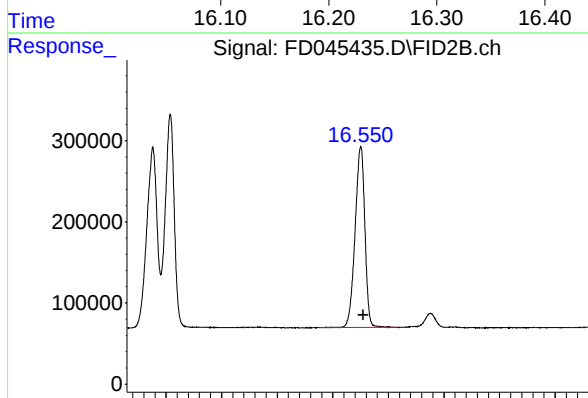
R.T.: 16.176 min
Delta R.T.: -0.004 min
Response: 2871671
Conc: 22.11 ug/ml



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

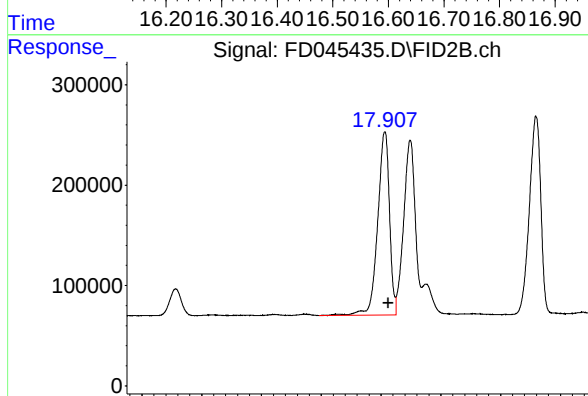
R.T.: 16.207 min
Delta R.T.: -0.004 min
Response: 2961086
Conc: 23.38 ug/ml

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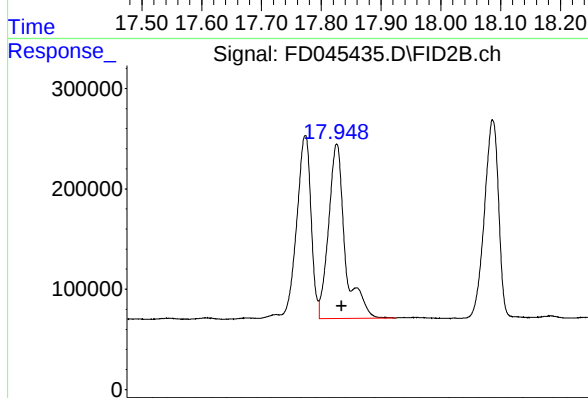
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: -0.005 min
Response: 2734311
Conc: 21.75 ug/ml



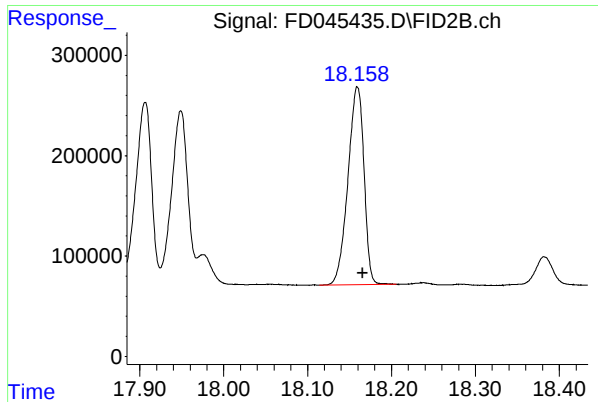
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.006 min
Response: 2502061
Conc: 21.14 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.007 min
Response: 2704299
Conc: 22.70 ug/ml



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

R.T.: 18.159 min

Delta R.T.: -0.006 min

Response: 2623018

Conc: 21.00 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD