

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049798.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 14:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 02 17:52:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 2025
 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...	7.695	2222630	18.707 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
6) S 2-Fluorobiphenyl (SURR)	8.560	1586180	18.683 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.37%
11) S ortho-Terphenyl (SURR)	11.605	2778012	18.609 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2133901	18.777 ug/ml
2) T Naphthalene (C11.7)	6.031	2485788	18.841 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2604897	18.827 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2739059	18.747 ug/ml
7) T Acenaphthene (C15.5)	8.659	2728245	18.737 ug/ml
8) T Flouorene (C16.55)	9.440	2733181	18.716 ug/ml
9) T Phenanthrene (C19.36)	10.838	2721101	18.615 ug/ml
10) T Anthracene (C19.43)	10.912	2604787	19.168 ug/ml
12) T Fluoranthene (C21.85)	12.652	2633722	18.487 ug/ml
13) T Pyrene (C20.8)	12.949	2600691	18.500 ug/ml
14) T Benzo[a]anthracene (C...	14.820	2306492	18.339 ug/ml
15) T Chrysene (C27.41)	14.863	2350643	18.297 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2270908	18.230 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2154494	18.342 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2226245	18.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2010843	17.884 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2116515	17.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2186583	18.282 ug/ml

(f)=RT Delta > 1/2 Window

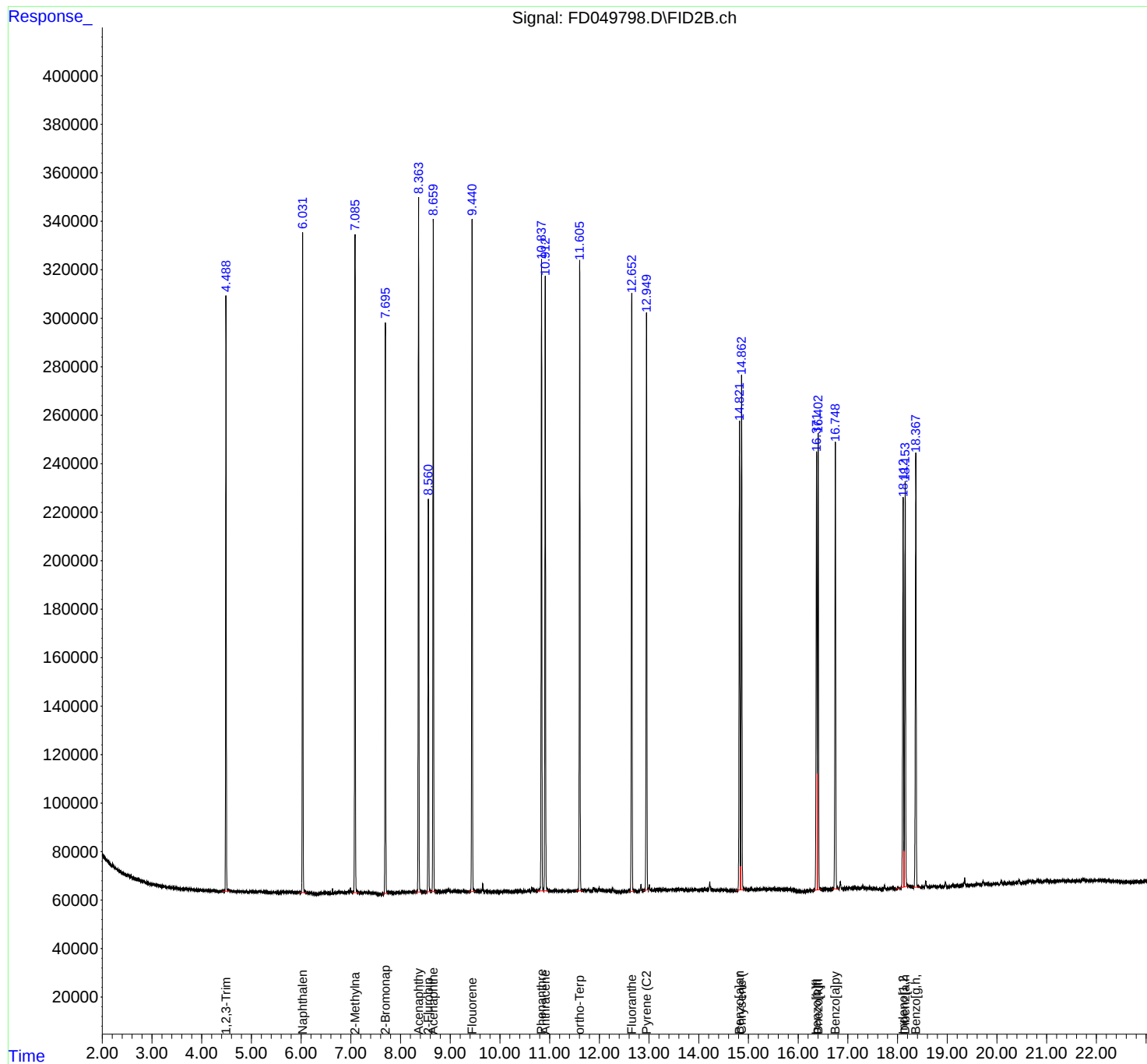
(m)=manual int.

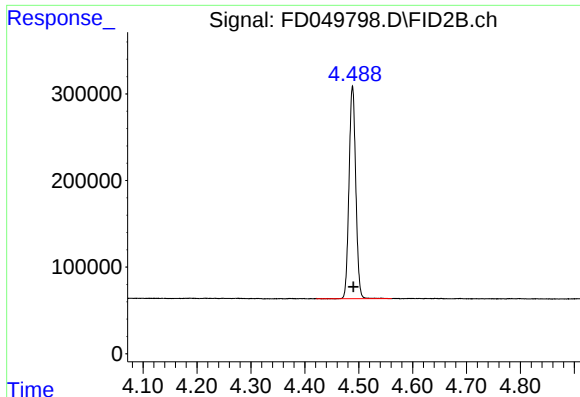
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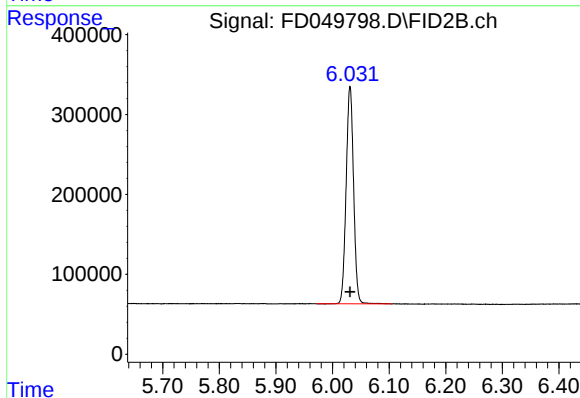




#1 1,2,3-Trimethylbenzene (C10.1)

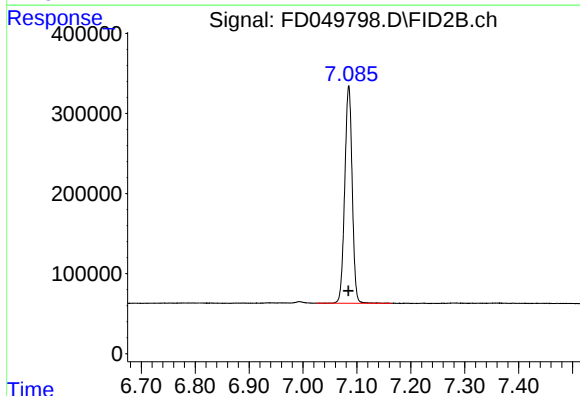
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 2133901
Conc: 18.78 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



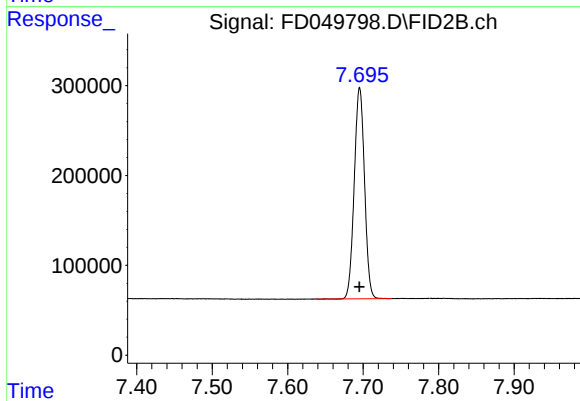
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2485788
Conc: 18.84 ug/ml



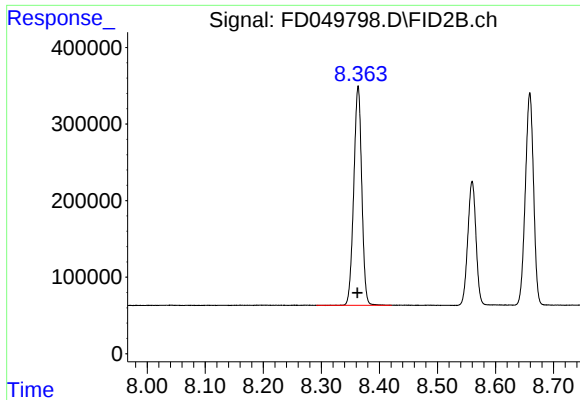
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 2604897
Conc: 18.83 ug/ml



#4 2-Bromonaphthalene (SURR)

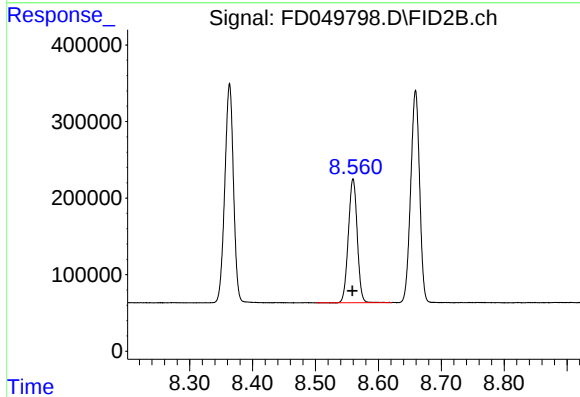
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 2222630
Conc: 18.71 ug/ml



#5 Acenaphthylene (C15.06)

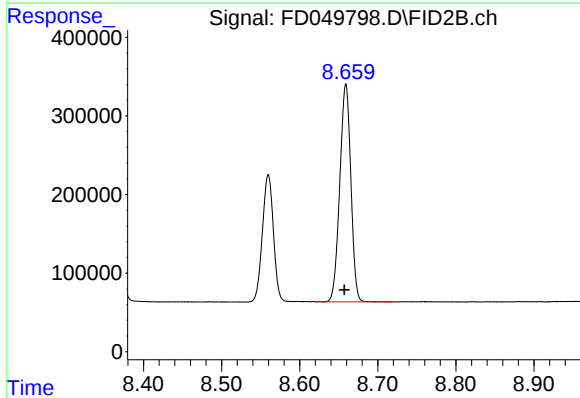
R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 2739059
Conc: 18.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



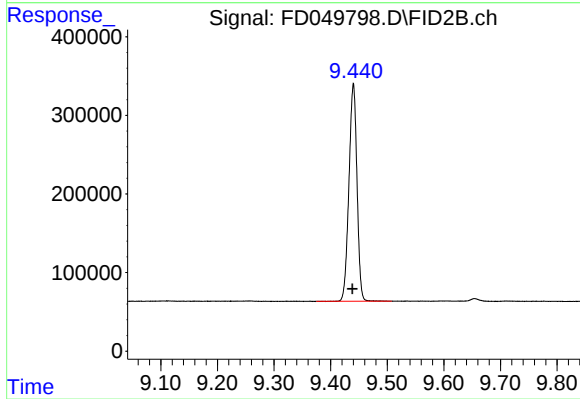
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.001 min
Response: 1586180
Conc: 18.68 ug/ml



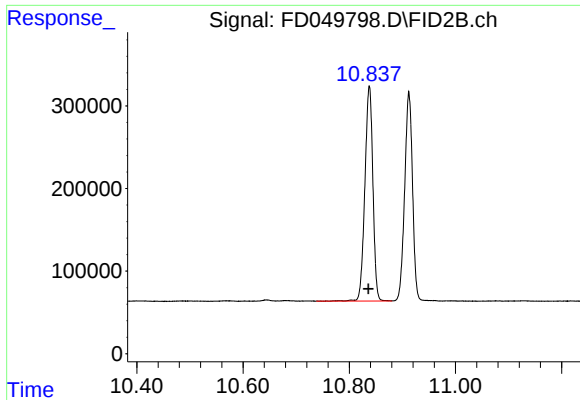
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 2728245
Conc: 18.74 ug/ml



#8 Flouorene (C16.55)

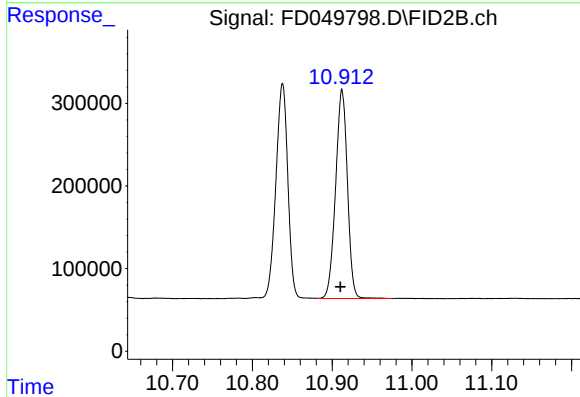
R.T.: 9.440 min
Delta R.T.: 0.002 min
Response: 2733181
Conc: 18.72 ug/ml



#9 Phenanthrene (C19.36)

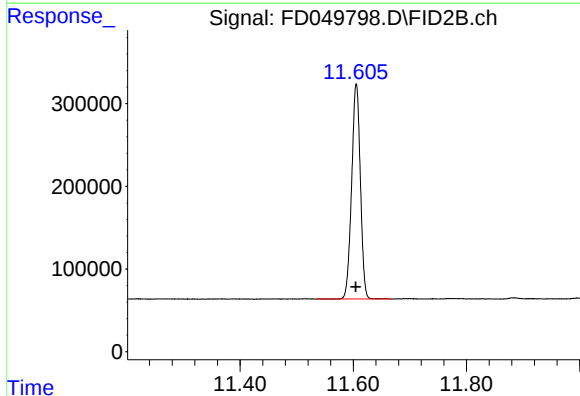
R.T.: 10.838 min
Delta R.T.: 0.002 min
Response: 2721101
Conc: 18.61 ug/ml

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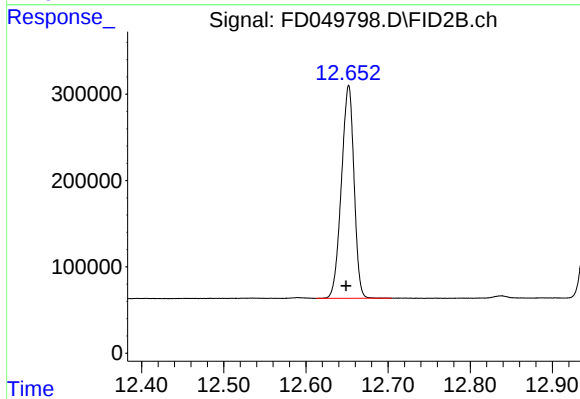
#10 Anthracene (C19.43)

R.T.: 10.912 min
Delta R.T.: 0.002 min
Response: 2604787
Conc: 19.17 ug/ml



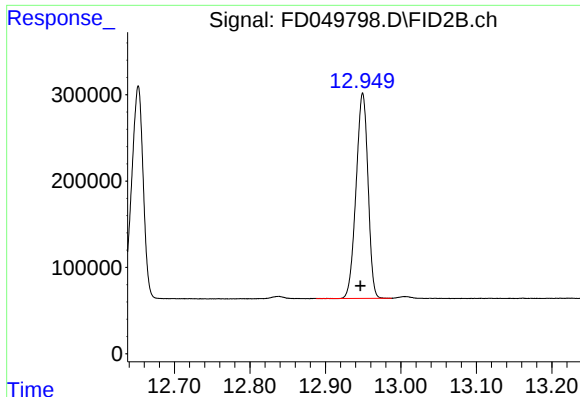
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2778012
Conc: 18.61 ug/ml



#12 Fluoranthene (C21.85)

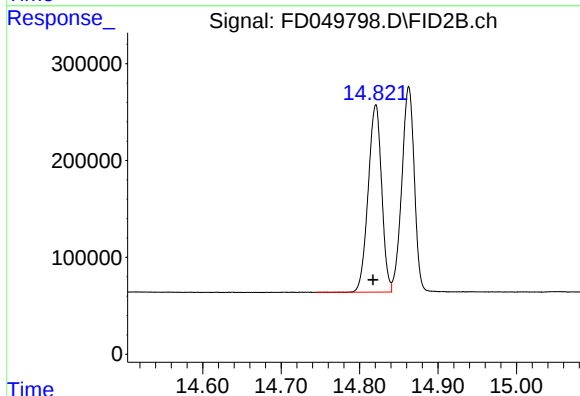
R.T.: 12.652 min
Delta R.T.: 0.003 min
Response: 2633722
Conc: 18.49 ug/ml



#13 Pyrene (C20.8)

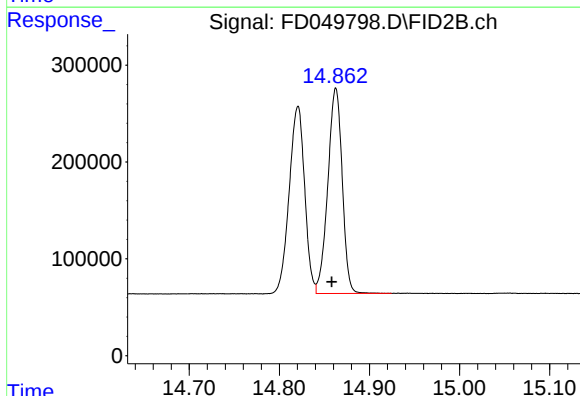
R.T.: 12.949 min
Delta R.T.: 0.003 min
Response: 2600691
Conc: 18.50 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



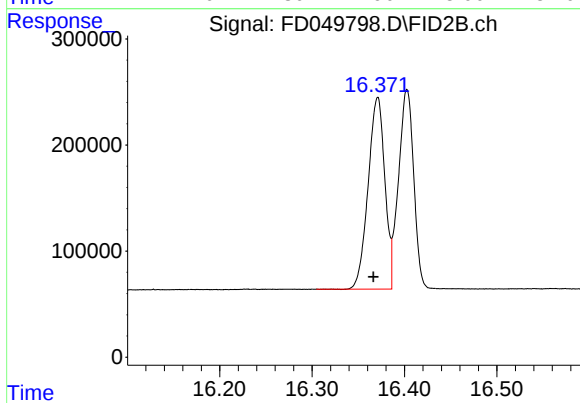
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.820 min
Delta R.T.: 0.003 min
Response: 2306492
Conc: 18.34 ug/ml



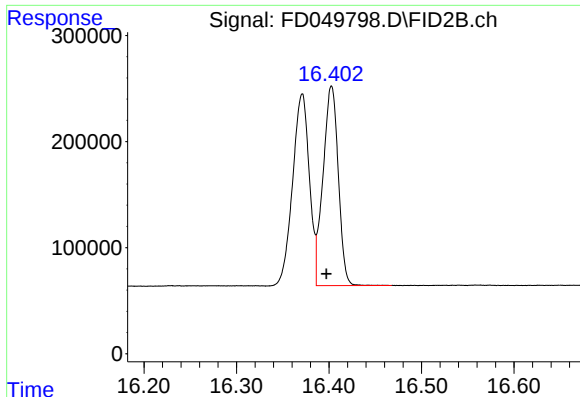
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.004 min
Response: 2350643
Conc: 18.30 ug/ml



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

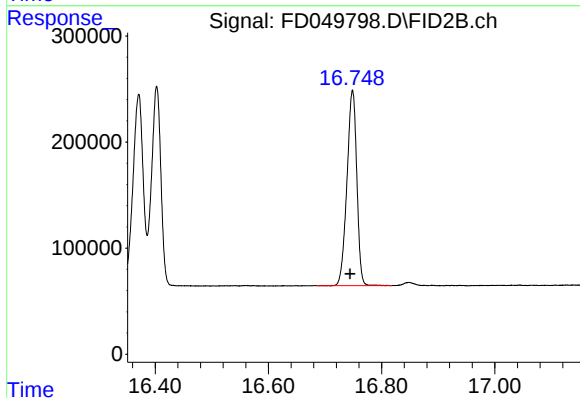
R.T.: 16.371 min
Delta R.T.: 0.004 min
Response: 2270908
Conc: 18.23 ug/ml



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

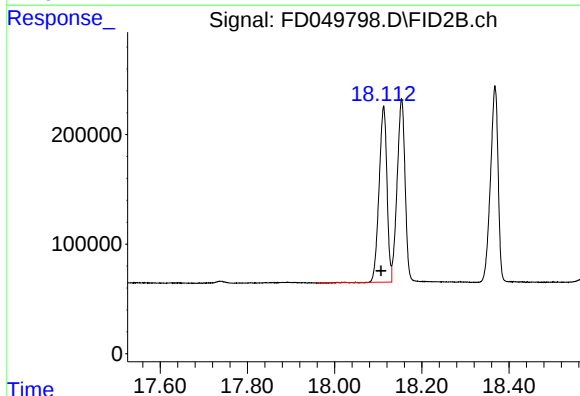
R.T.: 16.403 min
Delta R.T.: 0.005 min
Response: 2154494
Conc: 18.34 ug/ml

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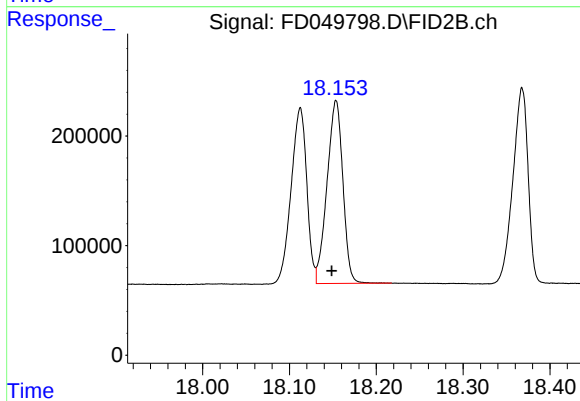
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.004 min
Response: 2226245
Conc: 18.34 ug/ml



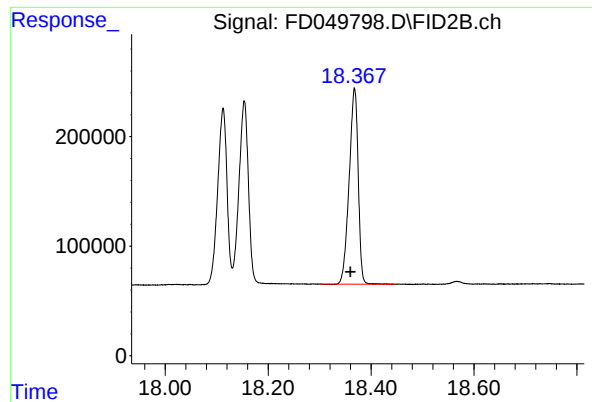
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.005 min
Response: 2010843
Conc: 17.88 ug/ml



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

R.T.: 18.154 min
Delta R.T.: 0.005 min
Response: 2116515
Conc: 17.31 ug/ml



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

R.T.: 18.368 min
Delta R.T.: 0.008 min
Response: 2186583
Conc: 18.28 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD