

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049796.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 13:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 02 17:50:43 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...	7.696	2142320	18.031 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
6) S 2-Fluorobiphenyl (SURR)	8.560	1535927	18.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.18%
11) S ortho-Terphenyl (SURR)	11.605	2694154	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2048815	18.029 ug/ml
2) T Naphthalene (C11.7)	6.031	2385418	18.080 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2492740	18.016 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2633294	18.024 ug/ml
7) T Acenaphthene (C15.5)	8.659	2631149	18.070 ug/ml
8) T Flouorene (C16.55)	9.440	2645074	18.112 ug/ml
9) T Phenanthrene (C19.36)	10.838	2634207	18.020 ug/ml
10) T Anthracene (C19.43)	10.913	2531114	18.626 ug/ml
12) T Fluoranthene (C21.85)	12.651	2549562	17.896 ug/ml
13) T Pyrene (C20.8)	12.949	2513219	17.878 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2229772	17.729 ug/ml
15) T Chrysene (C27.41)	14.863	2267078	17.647 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2192575	17.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2077138	17.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2143280	17.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	1963429	17.462 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2059645	16.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2106918	17.616 ug/ml

(f)=RT Delta > 1/2 Window

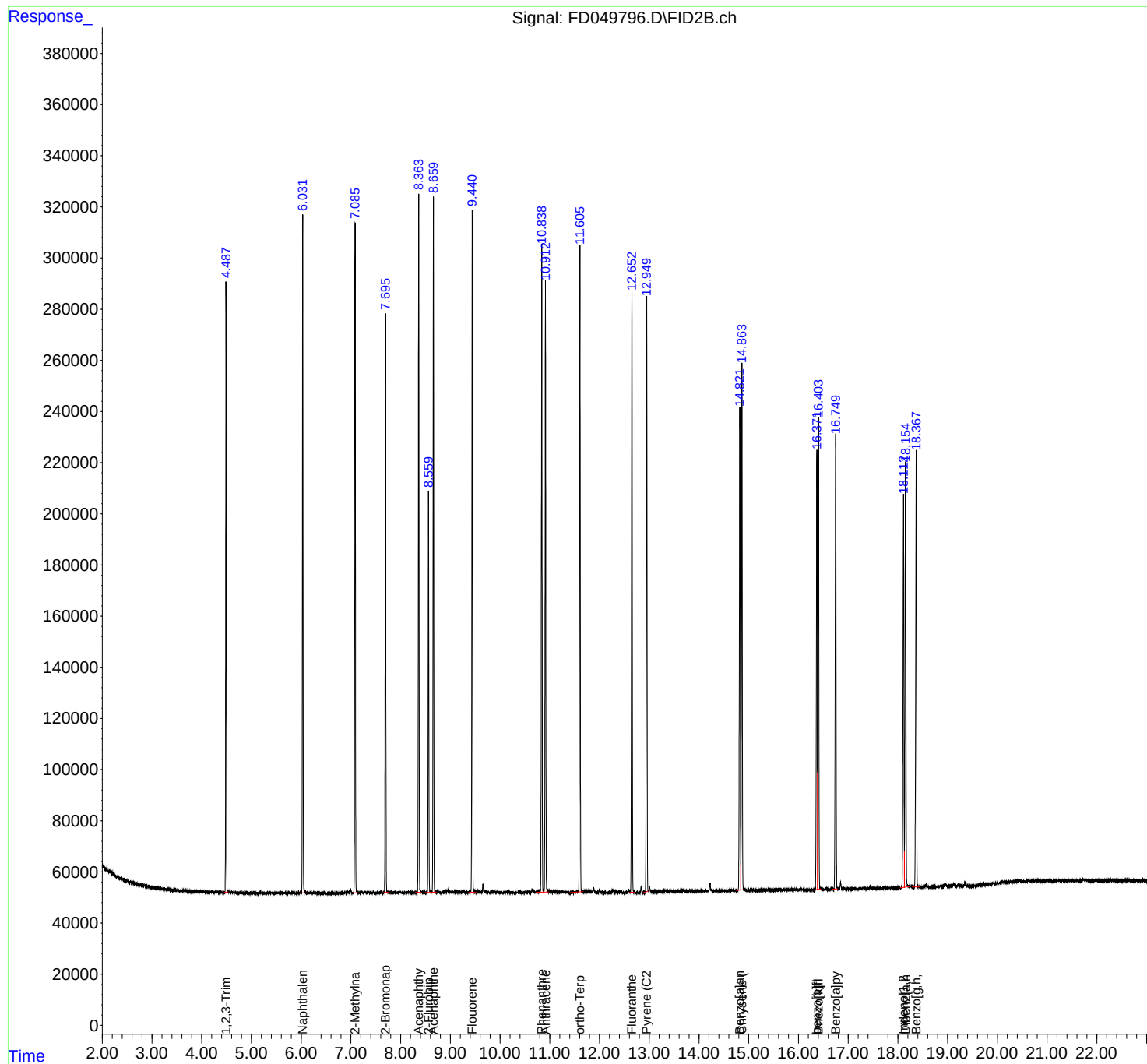
(m)=manual int.

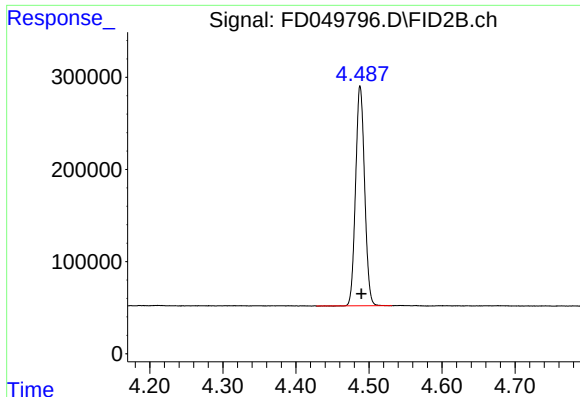
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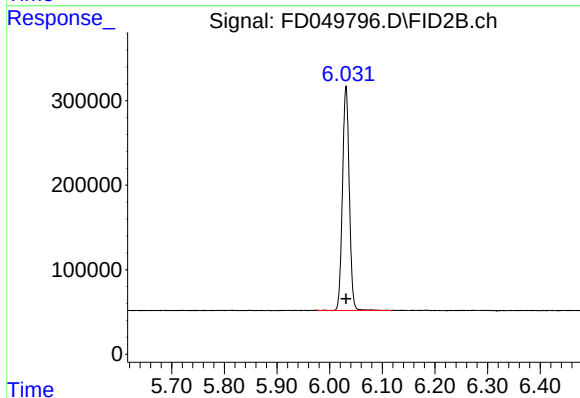




#1 1,2,3-Trimethylbenzene (C10.1)

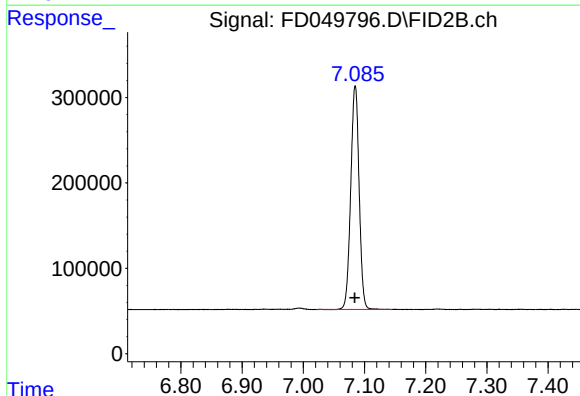
R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2048815
Conc: 18.03 ug/ml

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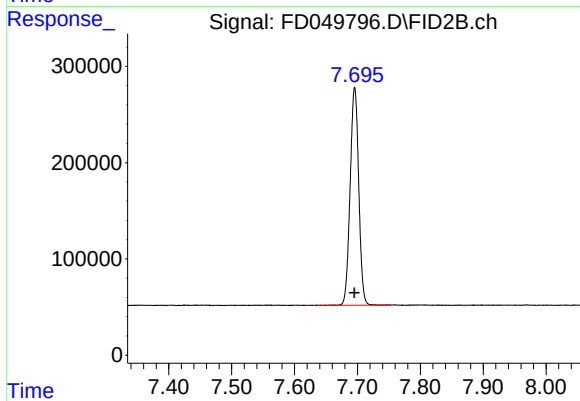
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2385418
Conc: 18.08 ug/ml



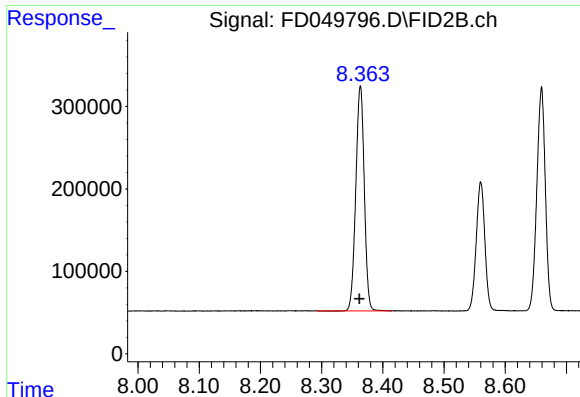
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 2492740
Conc: 18.02 ug/ml



#4 2-Bromonaphthalene (SURR)

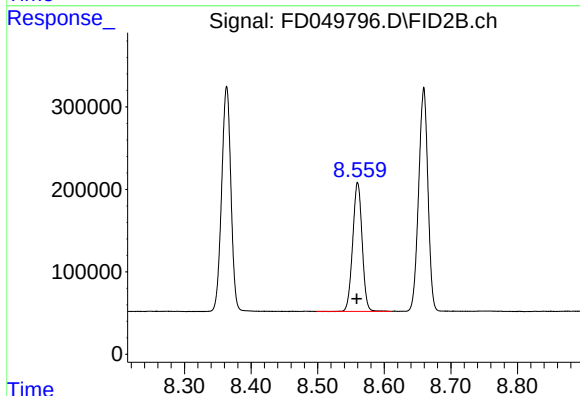
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2142320
Conc: 18.03 ug/ml



#5 Acenaphthylene (C15.06)

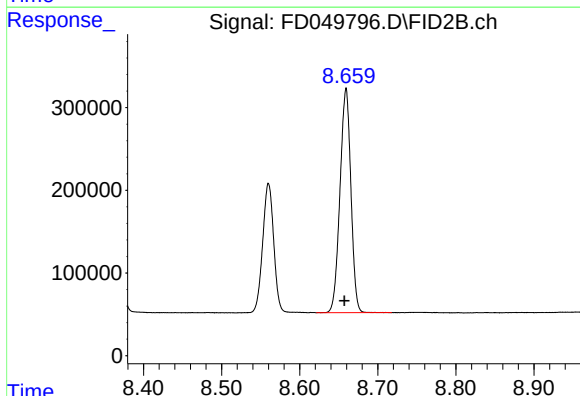
R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 2633294
Conc: 18.02 ug/ml

Instrument :
FID_D
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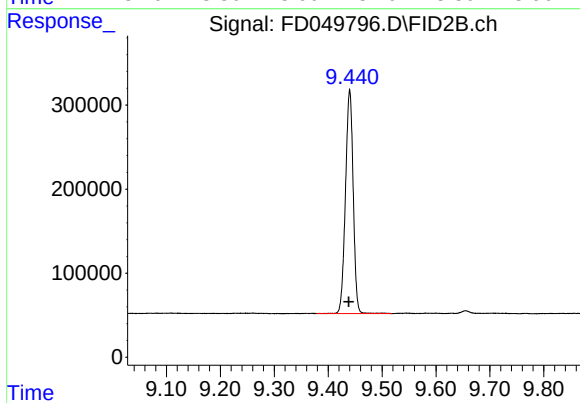
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.001 min
Response: 1535927
Conc: 18.09 ug/ml



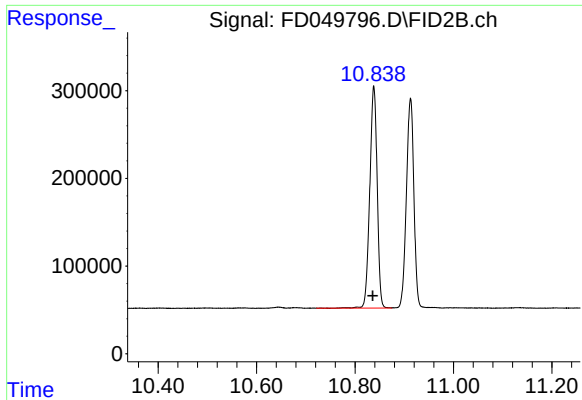
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 2631149
Conc: 18.07 ug/ml



#8 Fluorene (C16.55)

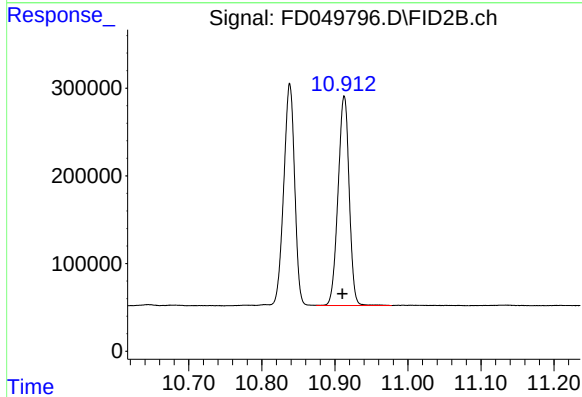
R.T.: 9.440 min
Delta R.T.: 0.002 min
Response: 2645074
Conc: 18.11 ug/ml



#9 Phenanthrene (C19.36)

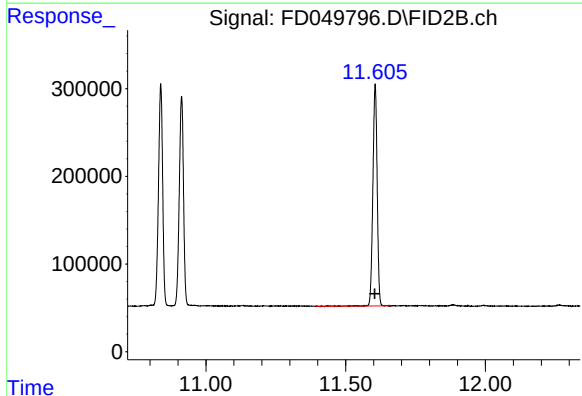
R.T.: 10.838 min
Delta R.T.: 0.002 min
Response: 2634207
Conc: 18.02 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



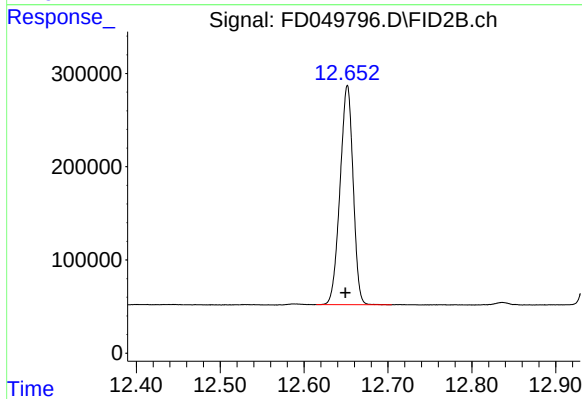
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: 0.003 min
Response: 2531114
Conc: 18.63 ug/ml



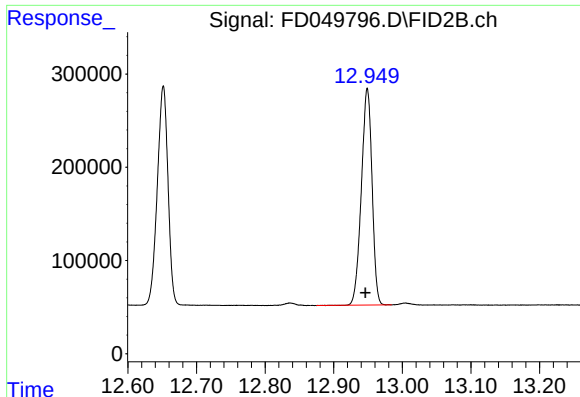
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2694154
Conc: 18.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.651 min
Delta R.T.: 0.002 min
Response: 2549562
Conc: 17.90 ug/ml



#13 Pyrene (C20.8)

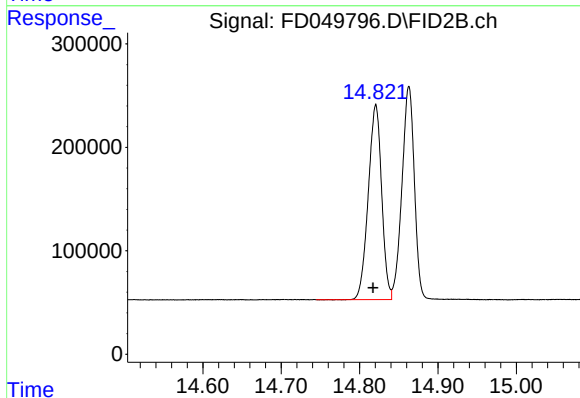
R.T.: 12.949 min
Delta R.T.: 0.002 min
Response: 2513219
Conc: 17.88 ug/ml

Instrument :

FID_D

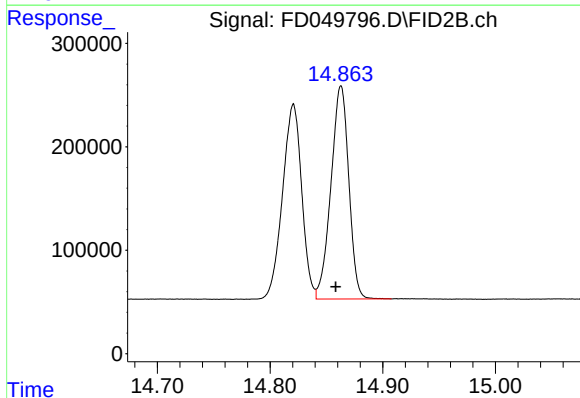
ClientSampleId :

20 PPM AROMATIC HC STD ICV



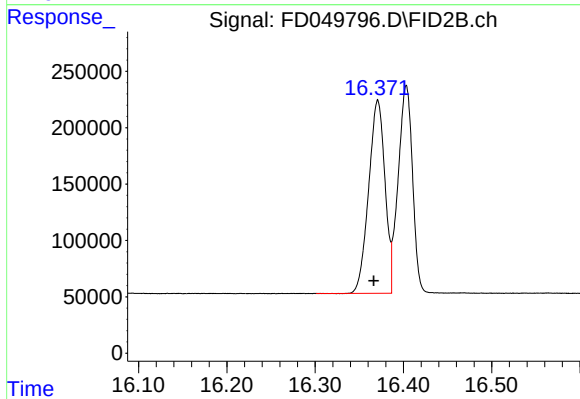
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 2229772
Conc: 17.73 ug/ml



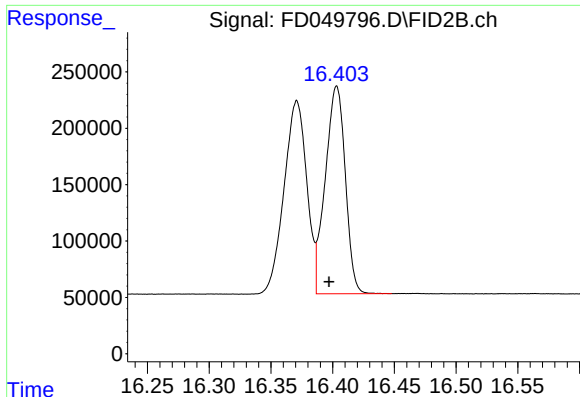
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.005 min
Response: 2267078
Conc: 17.65 ug/ml



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

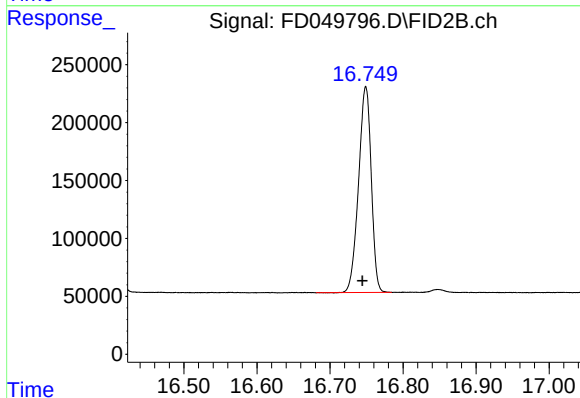
R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 2192575
Conc: 17.60 ug/ml



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

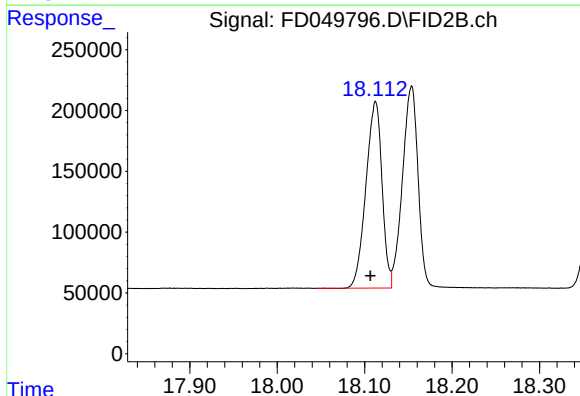
R.T.: 16.403 min
Delta R.T.: 0.006 min
Response: 2077138
Conc: 17.68 ug/ml

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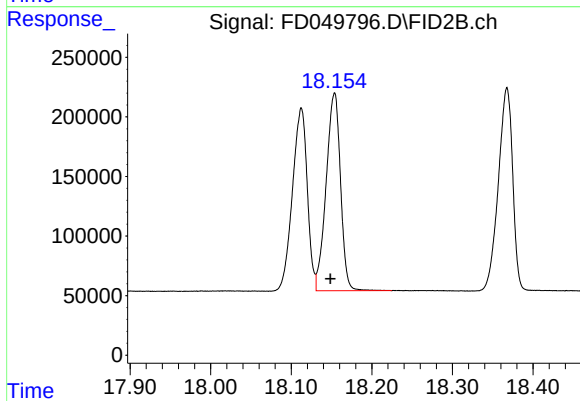
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.005 min
Response: 2143280
Conc: 17.66 ug/ml



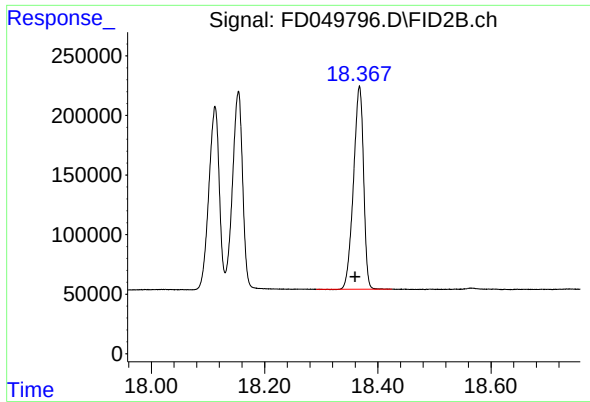
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.005 min
Response: 1963429
Conc: 17.46 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.005 min
Response: 2059645
Conc: 16.85 ug/ml



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

R.T.: 18.367 min
Delta R.T.: 0.007 min
Response: 2106918
Conc: 17.62 ug/ml

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