

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049856.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 16:43
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 31 04:40:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.699	2074826	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
6) S 2-Fluorobiphenyl (SURR)	8.563	1466161	18.715 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.43%
11) S ortho-Terphenyl (SURR)	11.610	2623296	18.529 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2053969	18.715 ug/ml
2) T Naphthalene (C11.7)	6.034	2327735	18.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2429680	18.783 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2537651	18.634 ug/ml
7) T Acenaphthene (C15.5)	8.663	2546131	18.678 ug/ml
8) T Flouorene (C16.55)	9.444	2530101	18.607 ug/ml
9) T Phenanthrene (C19.36)	10.842	2528745	18.287 ug/ml
10) T Anthracene (C19.43)	10.916	2370411	18.587 ug/ml
12) T Fluoranthene (C21.85)	12.655	2538459	18.253 ug/ml
13) T Pyrene (C20.8)	12.952	2525514	18.205 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2268956	17.945 ug/ml
15) T Chrysene (C27.41)	14.868	2341799	17.849 ug/ml
16) T benzo[b]fluoranthene ...	16.377	2313173	17.958 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2184065	17.943 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2243579	17.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.118	2033615	17.671 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	2106863	16.271 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2262115	17.983 ug/ml

(f)=RT Delta > 1/2 Window

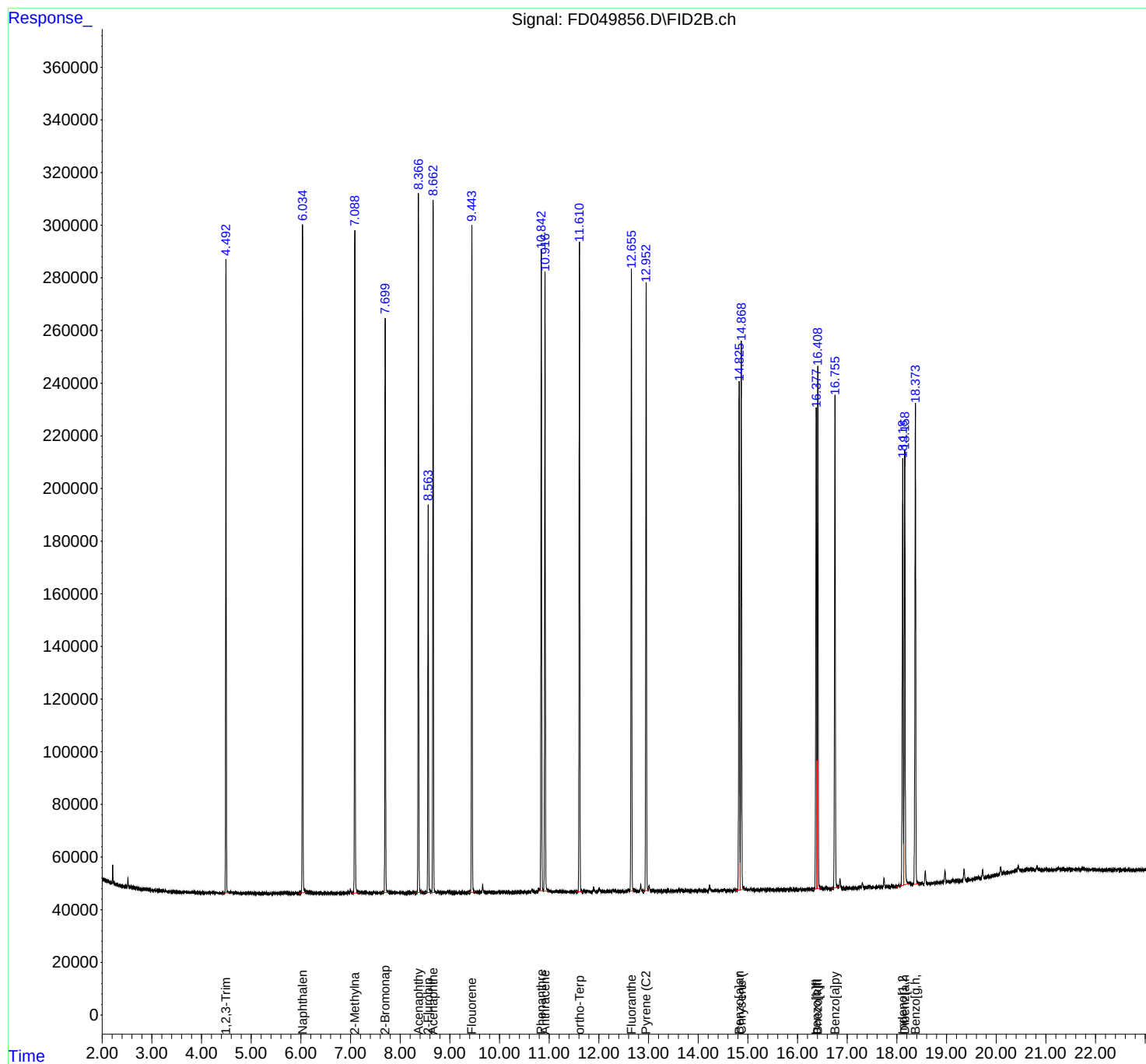
(m)=manual int.

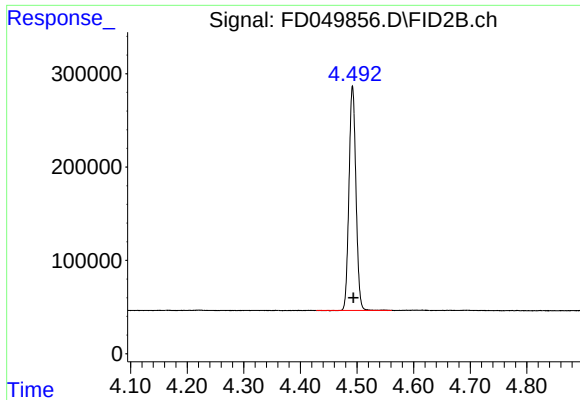
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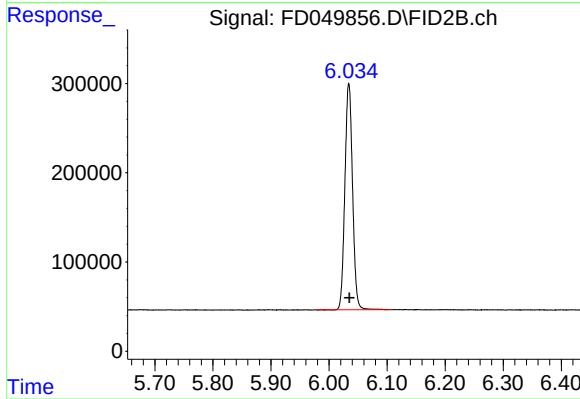




#1 1,2,3-Trimethylbenzene (C10.1)

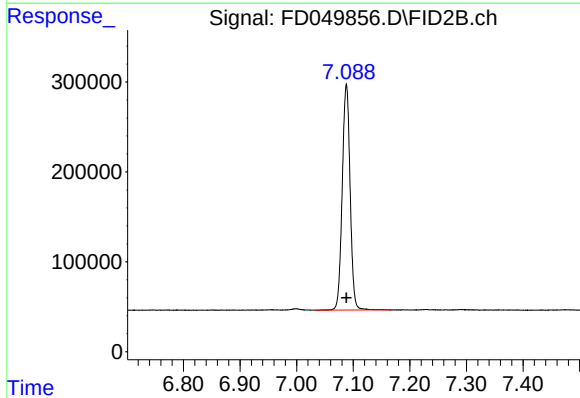
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 2053969
Conc: 18.71 ug/ml

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20 PPM AROMATIC HC STD ICV



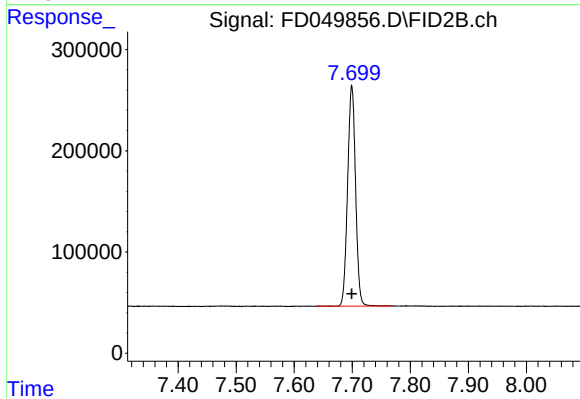
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 2327735
Conc: 18.73 ug/ml



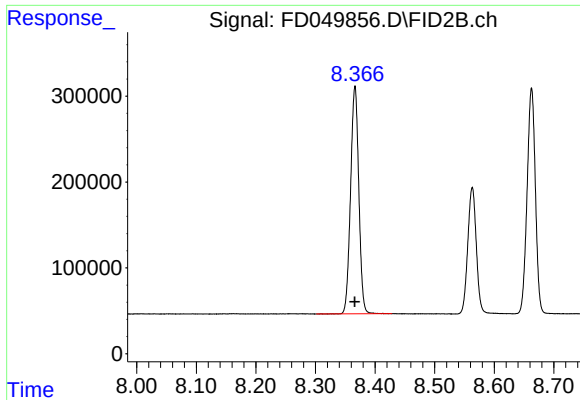
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2429680
Conc: 18.78 ug/ml



#4 2-Bromonaphthalene (SURR)

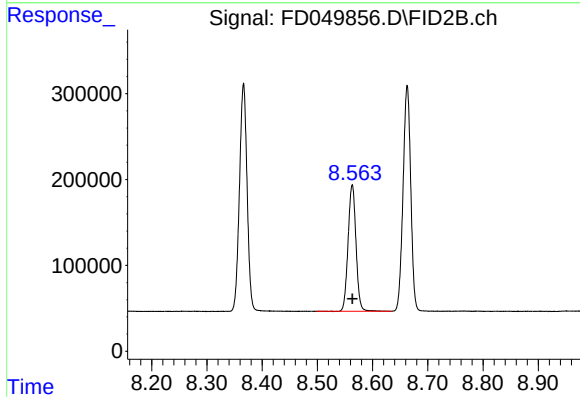
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 2074826
Conc: 18.69 ug/ml



#5 Acenaphthylene (C15.06)

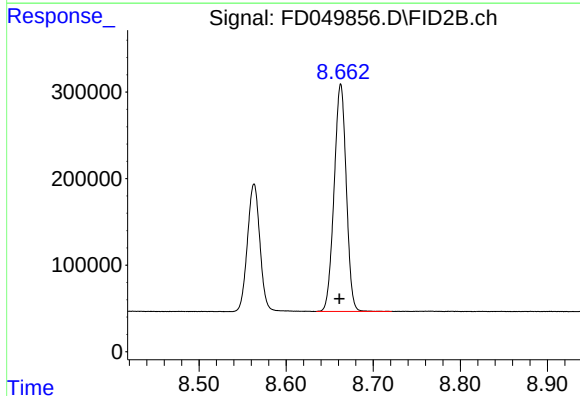
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 2537651
Conc: 18.63 ug/ml

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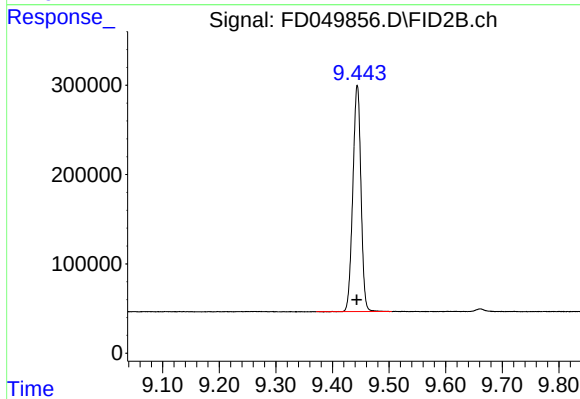
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 1466161
Conc: 18.72 ug/ml



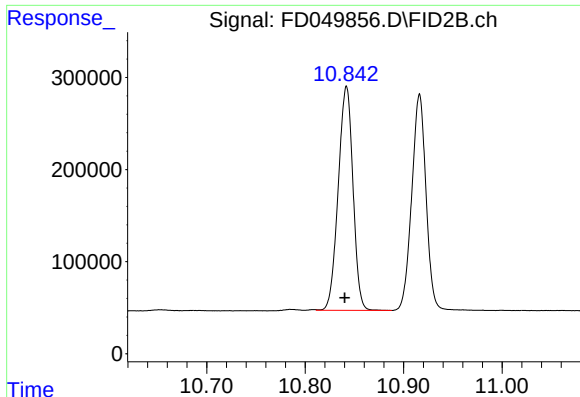
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 2546131
Conc: 18.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.444 min
Delta R.T.: 0.001 min
Response: 2530101
Conc: 18.61 ug/ml



#9 Phenanthrene (C19.36)

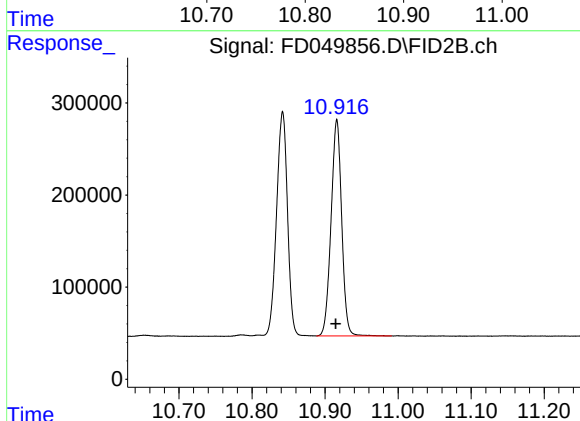
R.T.: 10.842 min
Delta R.T.: 0.002 min
Response: 2528745
Conc: 18.29 ug/ml

Instrument :

FID_D

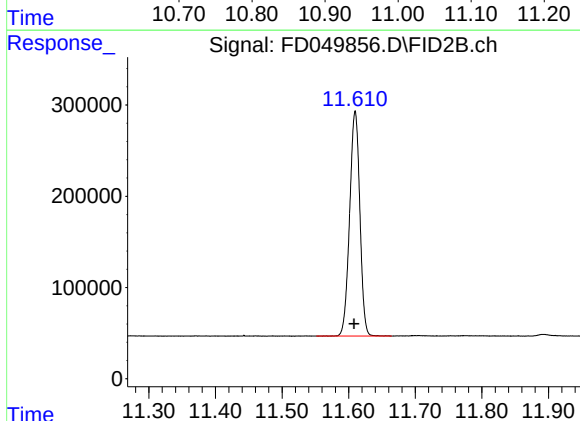
ClientSampleId :

20 PPM AROMATIC HC STD ICV



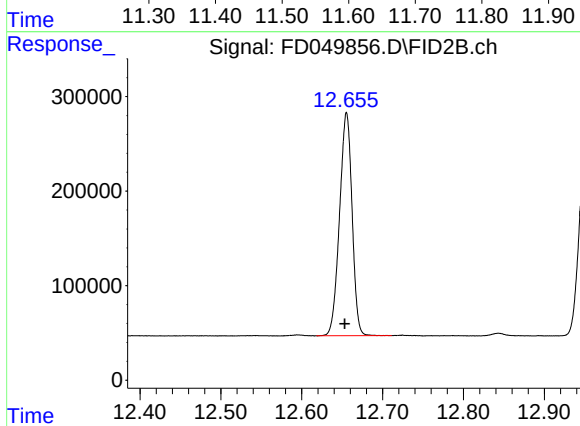
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: 0.001 min
Response: 2370411
Conc: 18.59 ug/ml



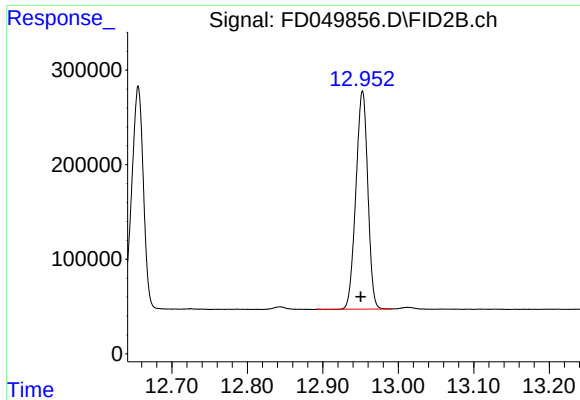
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 2623296
Conc: 18.53 ug/ml



#12 Fluoranthene (C21.85)

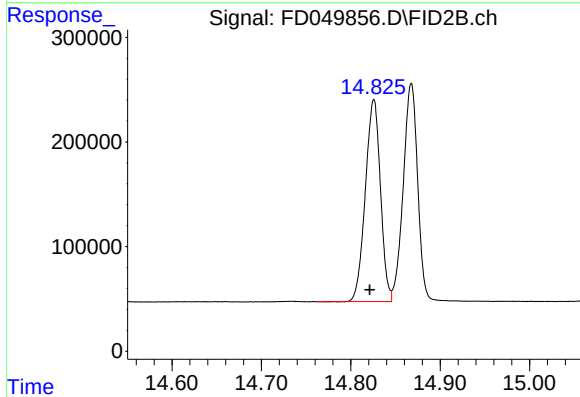
R.T.: 12.655 min
Delta R.T.: 0.002 min
Response: 2538459
Conc: 18.25 ug/ml



#13 Pyrene (C20.8)

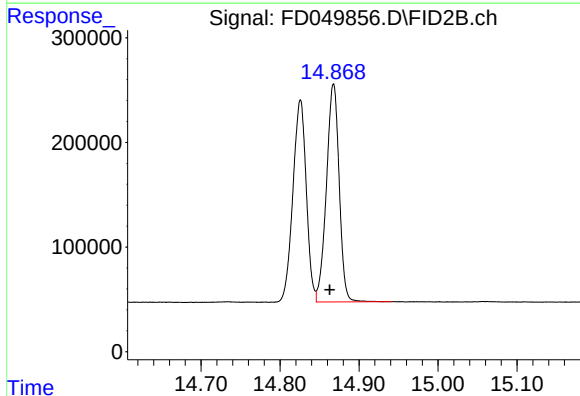
R.T.: 12.952 min
Delta R.T.: 0.002 min
Response: 2525514
Conc: 18.21 ug/ml

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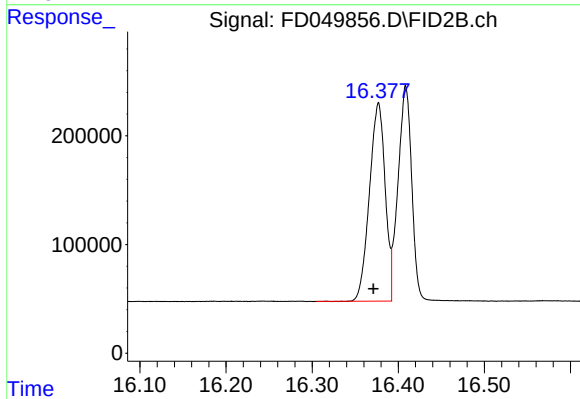
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.004 min
Response: 2268956
Conc: 17.94 ug/ml



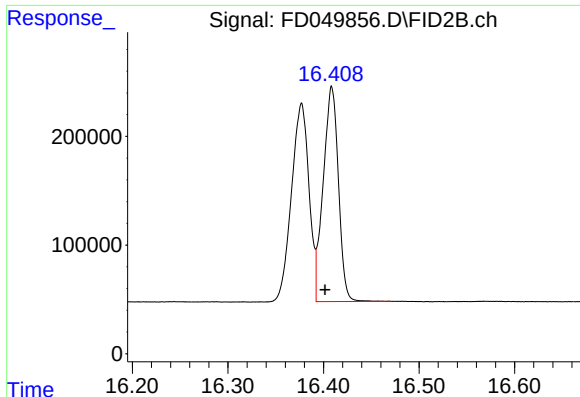
#15 Chrysene (C27.41)

R.T.: 14.868 min
Delta R.T.: 0.005 min
Response: 2341799
Conc: 17.85 ug/ml



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

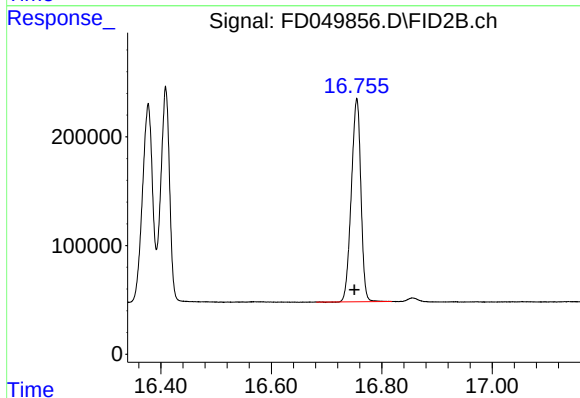
R.T.: 16.377 min
Delta R.T.: 0.005 min
Response: 2313173
Conc: 17.96 ug/ml



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

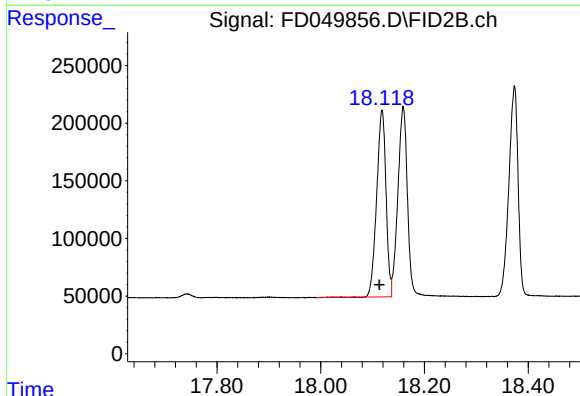
R.T.: 16.409 min
Delta R.T.: 0.007 min
Response: 2184065
Conc: 17.94 ug/ml

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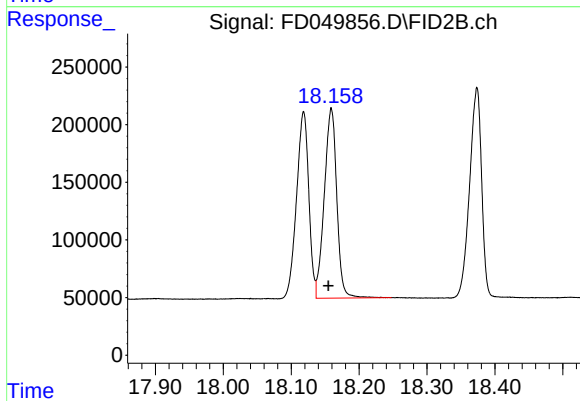
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.004 min
Response: 2243579
Conc: 17.92 ug/ml



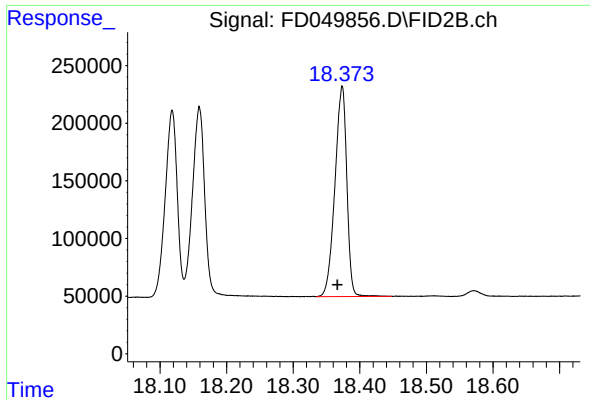
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.118 min
Delta R.T.: 0.005 min
Response: 2033615
Conc: 17.67 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.004 min
Response: 2106863
Conc: 16.27 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.007 min
Response: 2262115
Conc: 17.98 ug/ml

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