

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082625AR\
 Data File : FD049681.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 23:00
 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: Aug 27 01:45:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2118388	20.670 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
6) S 2-Fluorobiphenyl (SURR)	8.578	1530498	20.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.91%
11) S ortho-Terphenyl (SURR)	11.624	2701589	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2061184	20.363 ug/ml
2) T Naphthalene (C11.7)	6.049	2364371	20.621 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2467947	20.688 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2566106	20.413 ug/ml
7) T Acenaphthene (C15.5)	8.678	2604403	20.713 ug/ml
8) T Flouorene (C16.55)	9.459	2647289	20.909 ug/ml
9) T Phenanthrene (C19.36)	10.857	2715352	21.020 ug/ml
10) T Anthracene (C19.43)	10.931	2193718	17.807 ug/ml
12) T Fluoranthene (C21.85)	12.671	2680842	20.941 ug/ml
13) T Pyrene (C20.8)	12.969	2644782	20.831 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2348902	20.355 ug/ml
15) T Chrysene (C27.41)	14.883	2447494	20.904 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2372860	20.863 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2231339	20.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2216367	19.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2142263	20.783 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2579150	23.662 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2271859	20.790 ug/ml

(f)=RT Delta > 1/2 Window

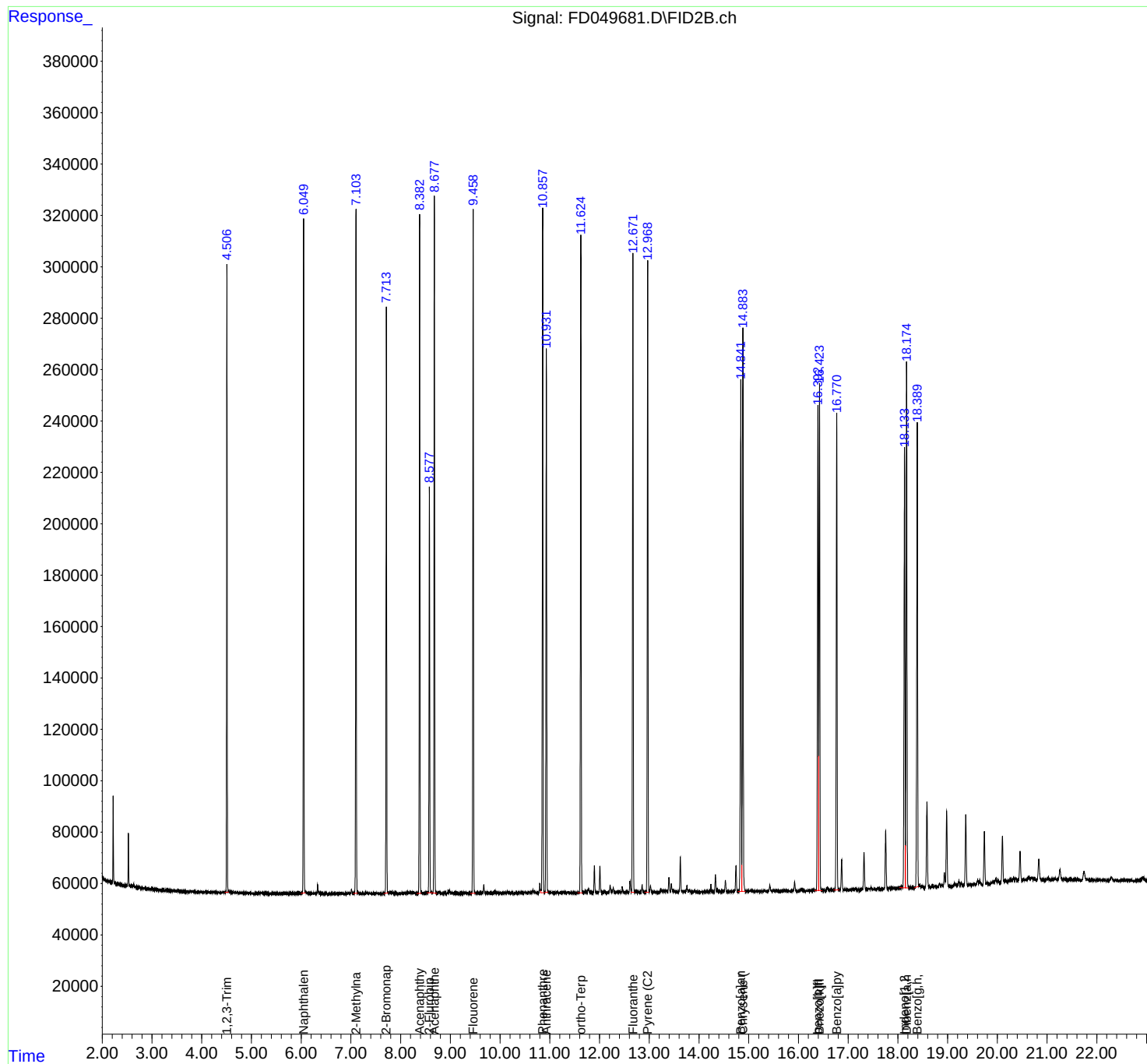
(m)=manual int.

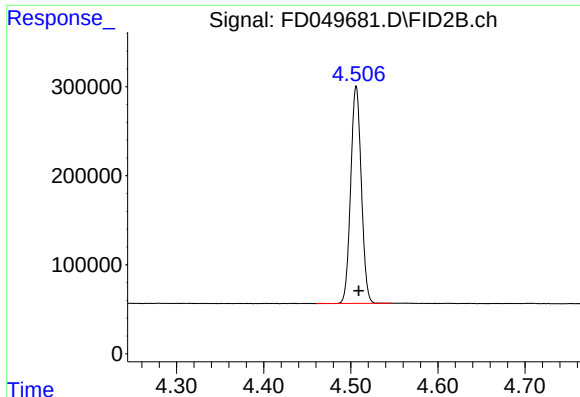
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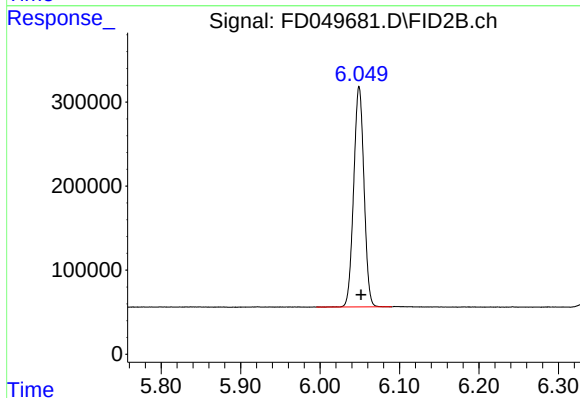




#1 1,2,3-Trimethylbenzene (C10.1)

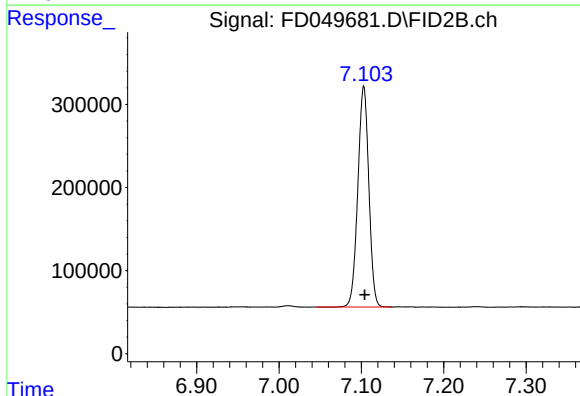
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 2061184
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



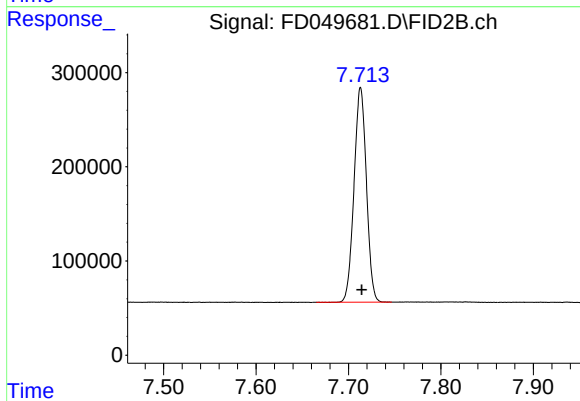
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 2364371
Conc: 20.62 ug/ml



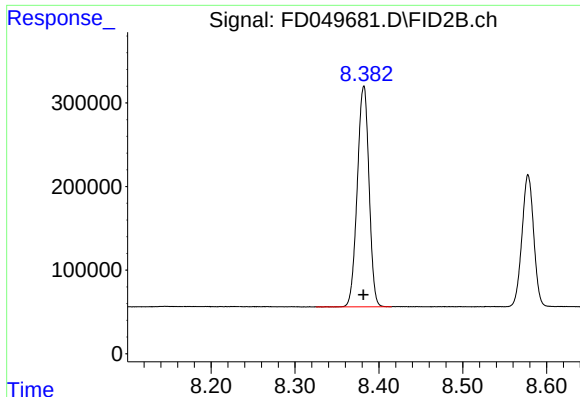
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2467947
Conc: 20.69 ug/ml



#4 2-Bromonaphthalene (SURR)

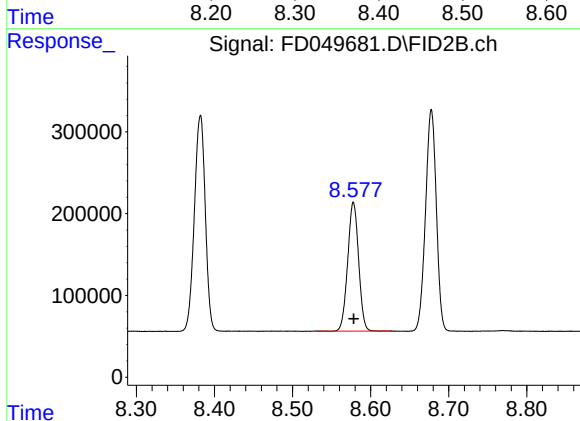
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2118388
Conc: 20.67 ug/ml



#5 Acenaphthylene (C15.06)

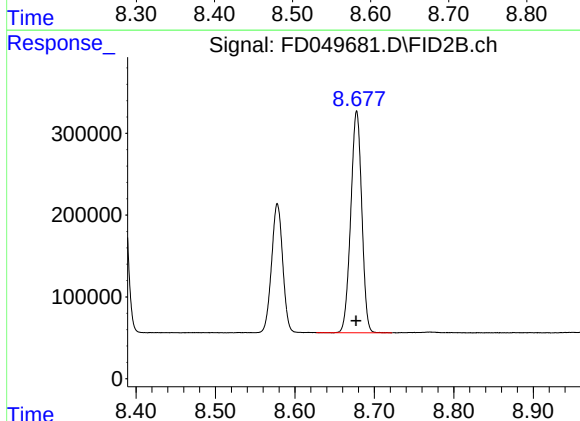
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2566106
Conc: 20.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



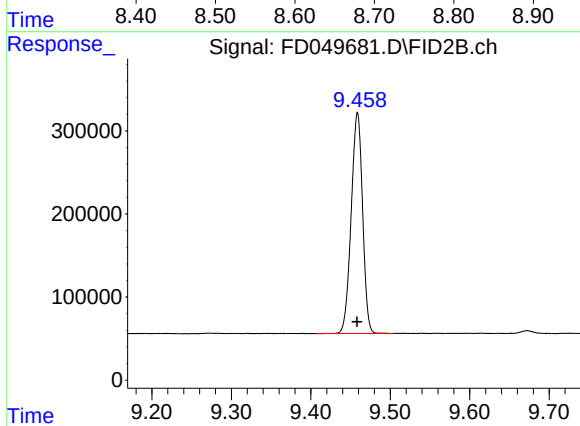
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1530498
Conc: 20.95 ug/ml



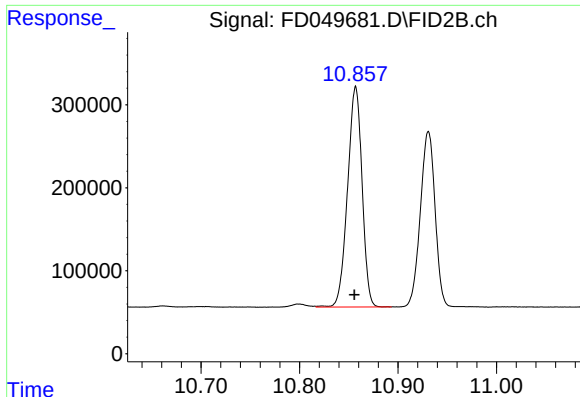
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2604403
Conc: 20.71 ug/ml



#8 Fluorene (C16.55)

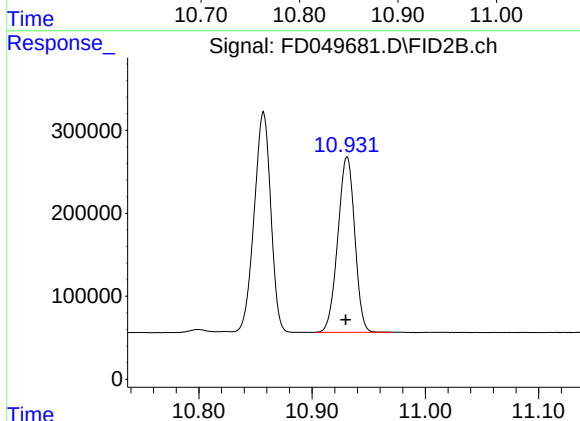
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2647289
Conc: 20.91 ug/ml



#9 Phenanthrene (C19.36)

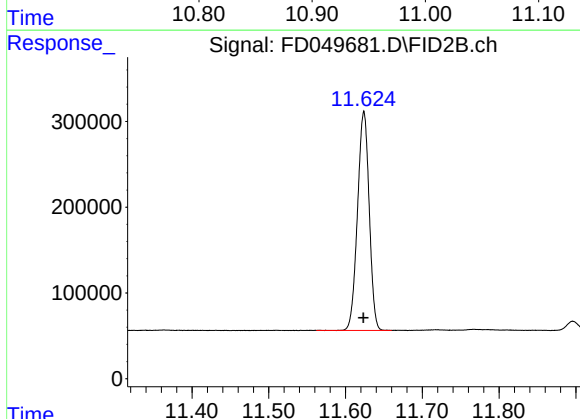
R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 2715352
Conc: 21.02 ug/ml

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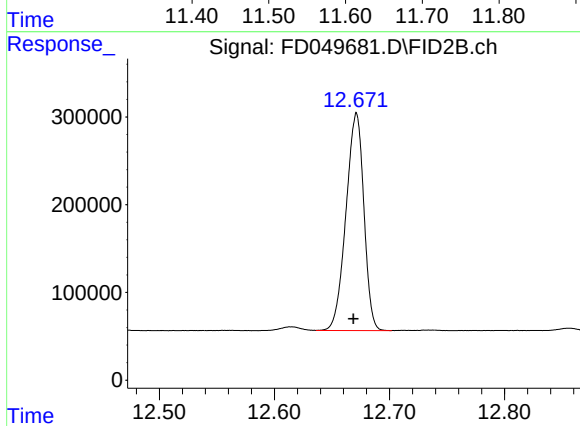
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2193718
Conc: 17.81 ug/ml



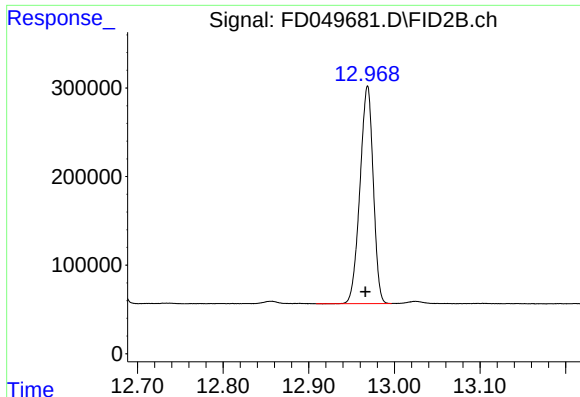
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2701589
Conc: 20.81 ug/ml



#12 Fluoranthene (C21.85)

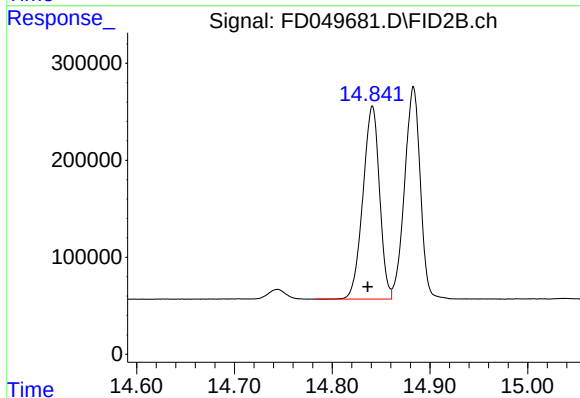
R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 2680842
Conc: 20.94 ug/ml



#13 Pyrene (C20.8)

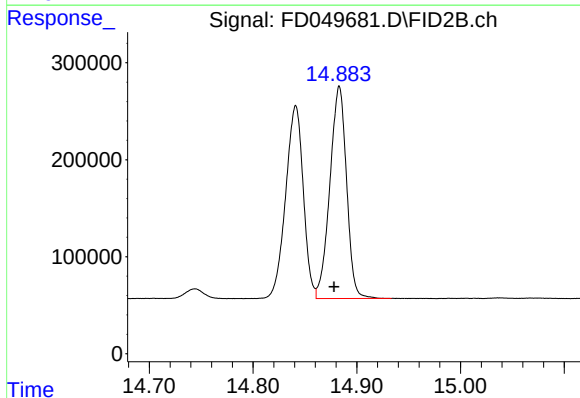
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2644782
Conc: 20.83 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



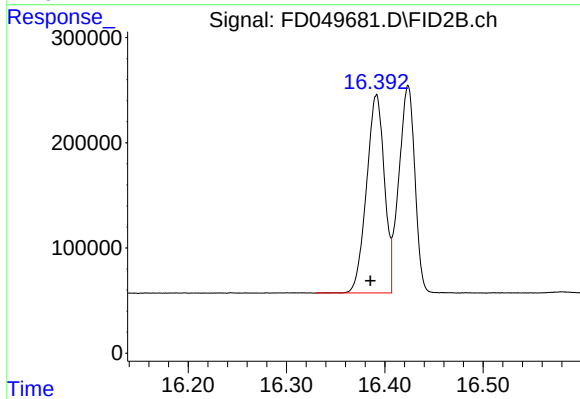
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.005 min
Response: 2348902
Conc: 20.36 ug/ml



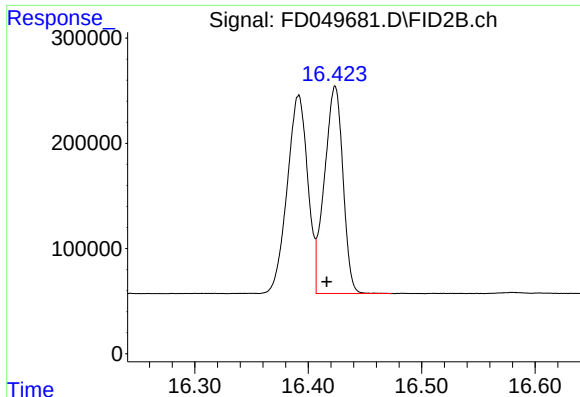
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2447494
Conc: 20.90 ug/ml



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

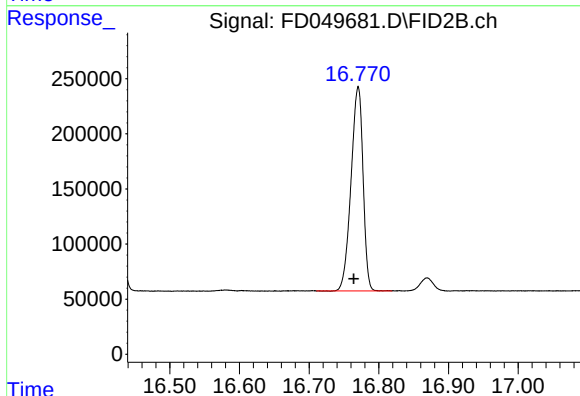
R.T.: 16.392 min
Delta R.T.: 0.006 min
Response: 2372860
Conc: 20.86 ug/ml



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

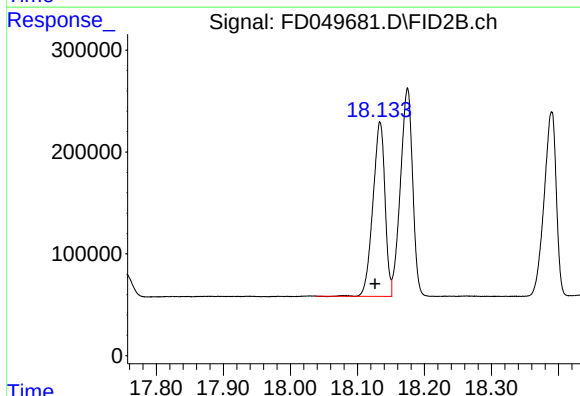
R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 2231339
Conc: 20.84 ug/ml

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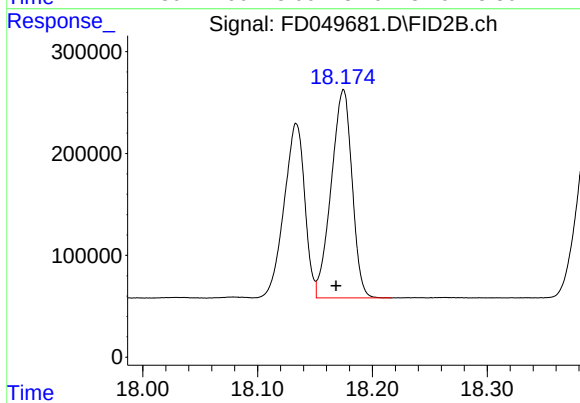
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2216367
Conc: 19.98 ug/ml



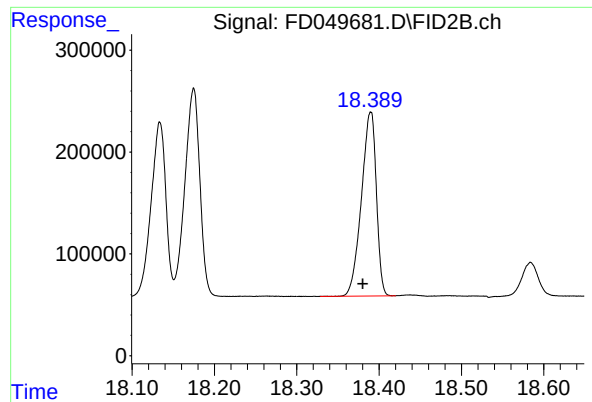
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.007 min
Response: 2142263
Conc: 20.78 ug/ml



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

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 2579150
Conc: 23.66 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2271859
Conc: 20.79 ug/ml

Instrument :

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