

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049325.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 16:36
 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: May 09 09:19:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.740	2631858	22.197 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
6) S 2-Fluorobiphenyl (SURR)	8.605	1781796	22.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.12%
11) S ortho-Terphenyl (SURR)	11.649	2991190	21.672 ug/ml
Spiked Amount 50.000		Recovery =	43.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	2736622	21.918 ug/ml
2) T Naphthalene (C11.7)	6.076	2915900	22.056 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2886249	22.374 ug/ml
5) T Acenaphthylene (C15.06)	8.409	3089330	21.884 ug/ml
7) T Acenaphthene (C15.5)	8.705	3004396	21.928 ug/ml
8) T Flouorene (C16.55)	9.485	3040118	22.335 ug/ml
9) T Phenanthrene (C19.36)	10.884	2946241	21.853 ug/ml
10) T Anthracene (C19.43)	10.958	2568745	21.719 ug/ml
12) T Fluoranthene (C21.85)	12.697	2927413	21.722 ug/ml
13) T Pyrene (C20.8)	12.996	2922060	21.601 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2524839	22.042 ug/ml
15) T Chrysene (C27.41)	14.909	2561785	21.949 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2591722	21.351 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2547870	21.363 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2433659	21.165 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2330374	21.235 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2446121	23.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	2521236	21.157 ug/ml

(f)=RT Delta > 1/2 Window

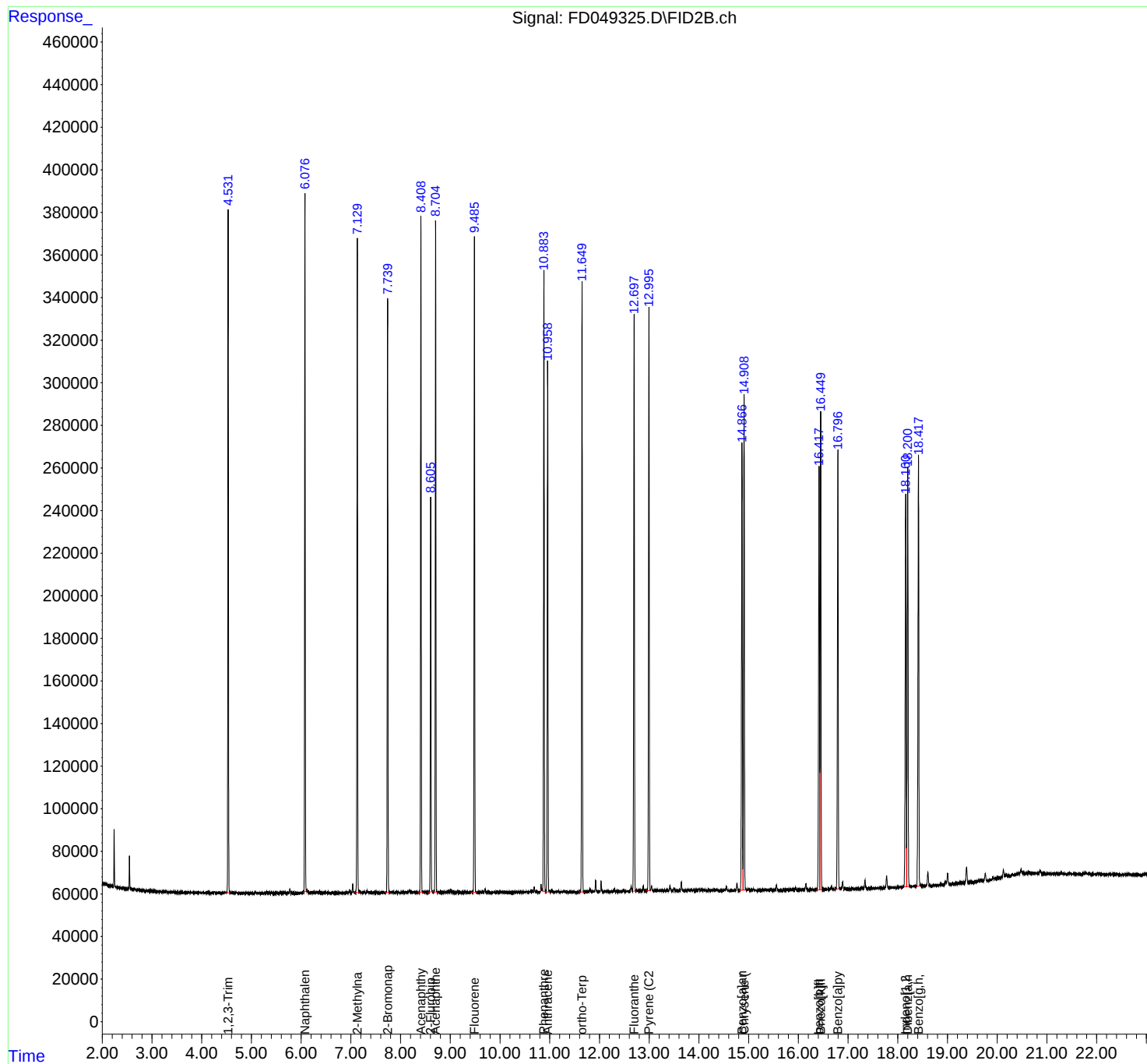
(m)=manual int.

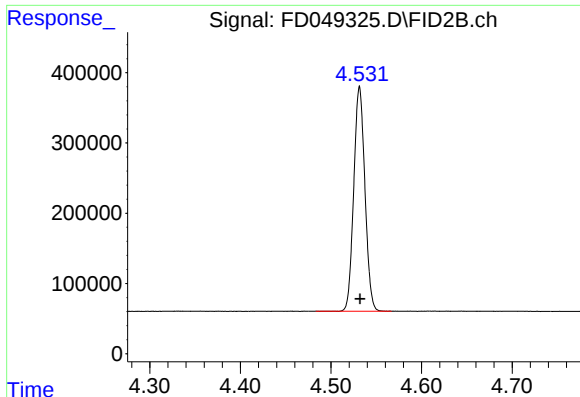
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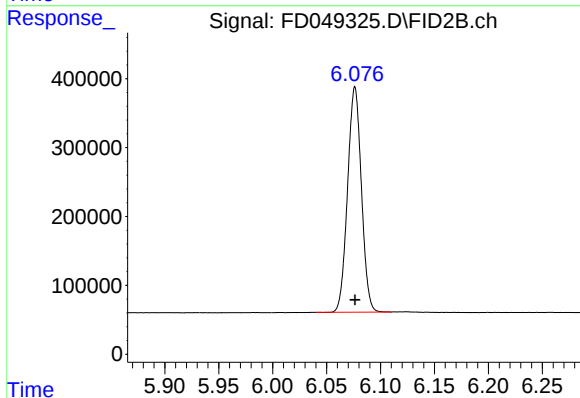




#1 1,2,3-Trimethylbenzene (C10.1)

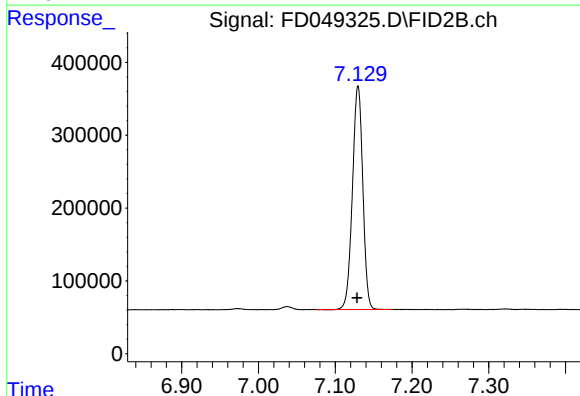
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 2736622
Conc: 21.92 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



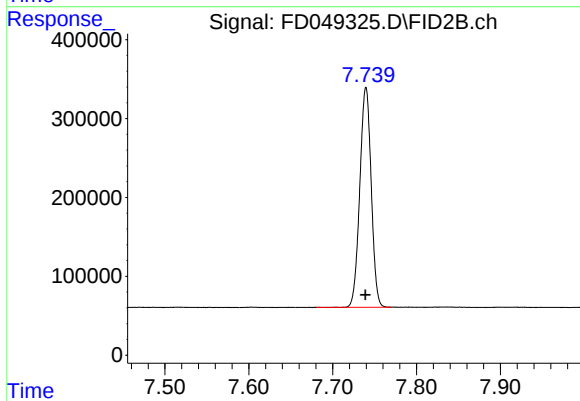
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2915900
Conc: 22.06 ug/ml



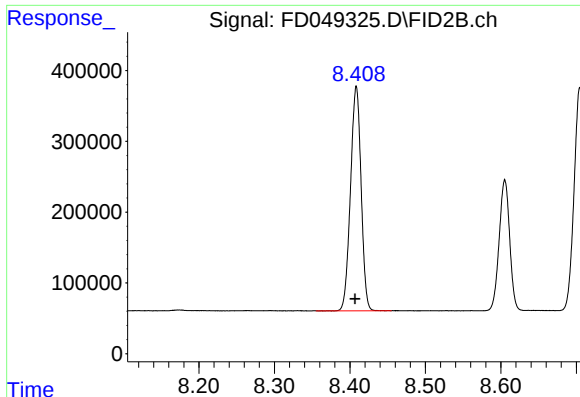
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.001 min
Response: 2886249
Conc: 22.37 ug/ml



#4 2-Bromonaphthalene (SURR)

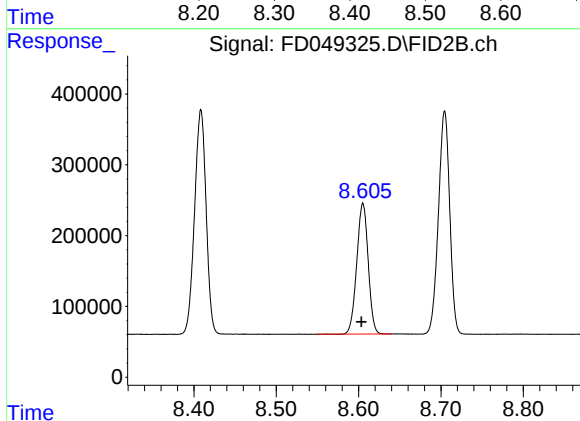
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 2631858
Conc: 22.20 ug/ml



#5 Acenaphthylene (C15.06)

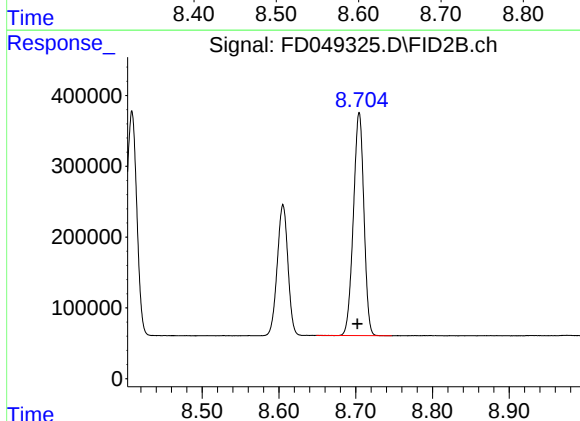
R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 3089330
Conc: 21.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



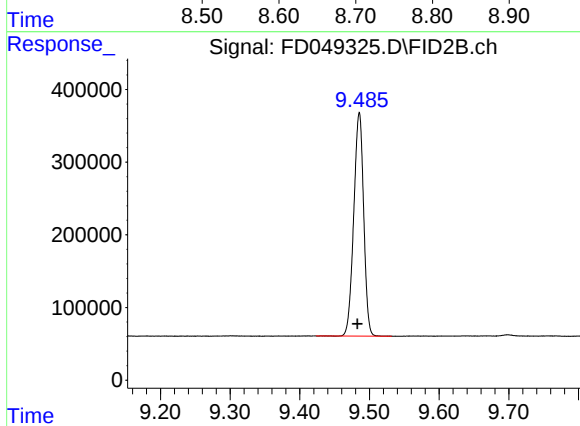
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 1781796
Conc: 22.56 ug/ml



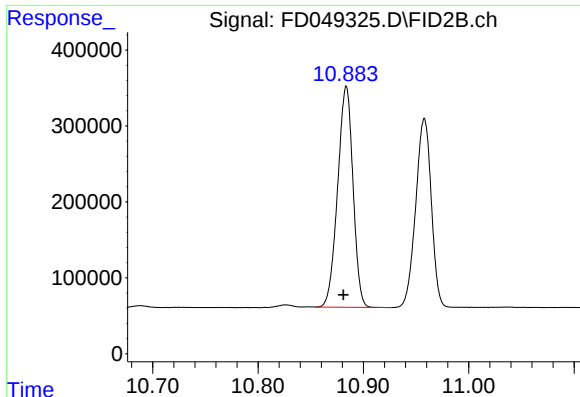
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.002 min
Response: 3004396
Conc: 21.93 ug/ml



#8 Fluorene (C16.55)

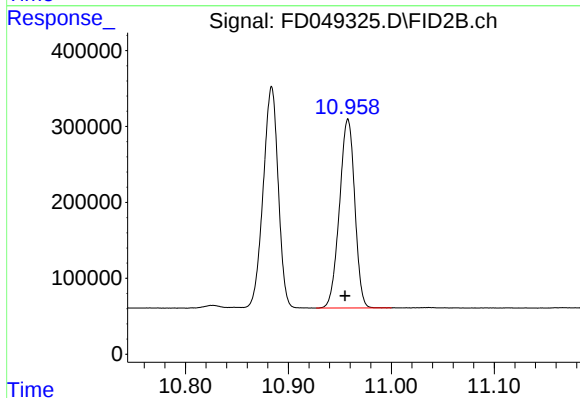
R.T.: 9.485 min
Delta R.T.: 0.003 min
Response: 3040118
Conc: 22.33 ug/ml



#9 Phenanthrene (C19.36)

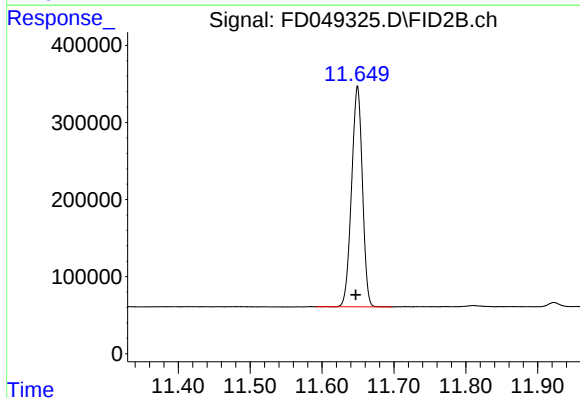
R.T.: 10.884 min
Delta R.T.: 0.003 min
Response: 2946241
Conc: 21.85 ug/ml

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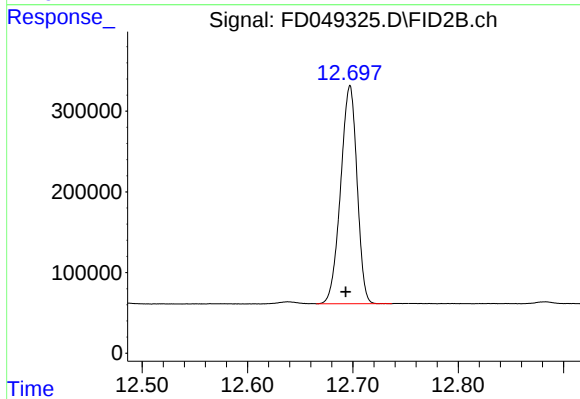
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.003 min
Response: 2568745
Conc: 21.72 ug/ml



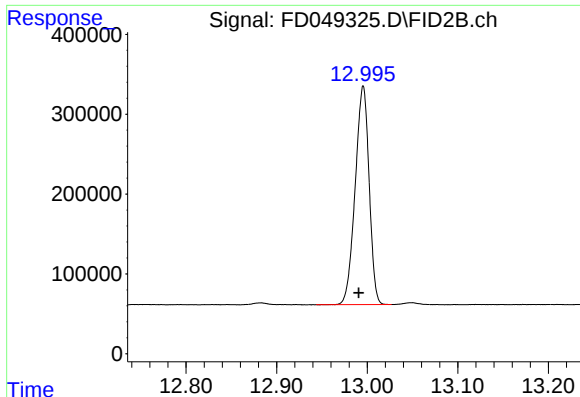
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2991190
Conc: 21.67 ug/ml



#12 Fluoranthene (C21.85)

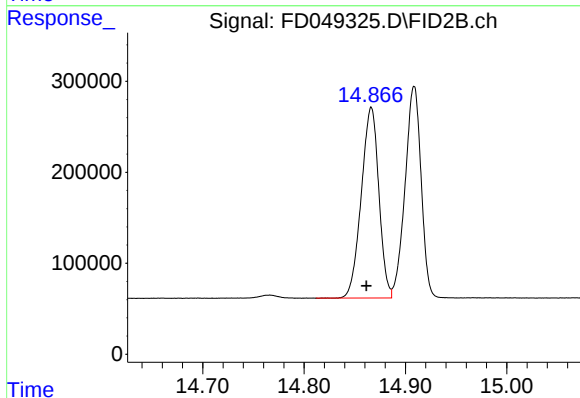
R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 2927413
Conc: 21.72 ug/ml



#13 Pyrene (C20.8)

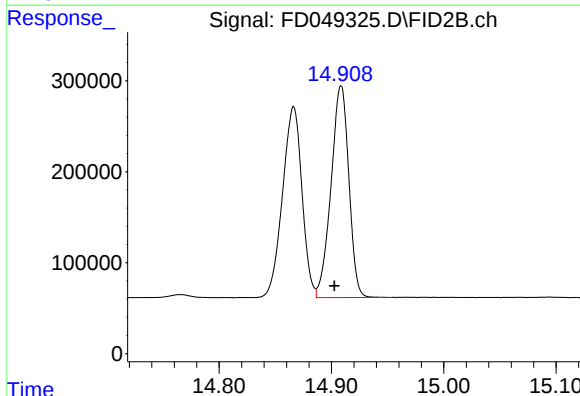
R.T.: 12.996 min
Delta R.T.: 0.005 min
Response: 2922060
Conc: 21.60 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



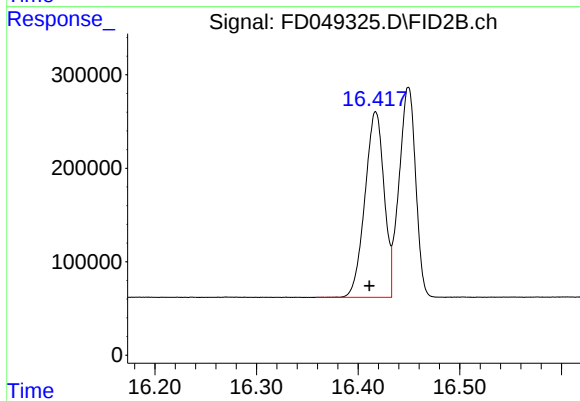
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2524839
Conc: 22.04 ug/ml



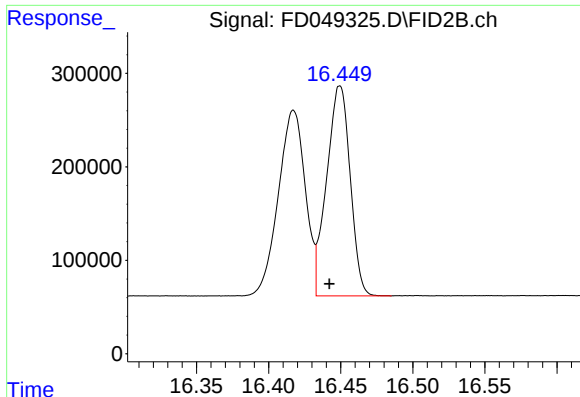
#15 Chrysene (C27.41)

R.T.: 14.909 min
Delta R.T.: 0.006 min
Response: 2561785
Conc: 21.95 ug/ml



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

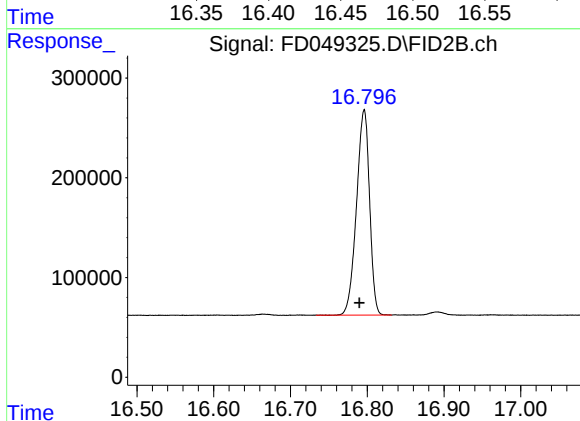
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 2591722
Conc: 21.35 ug/ml



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

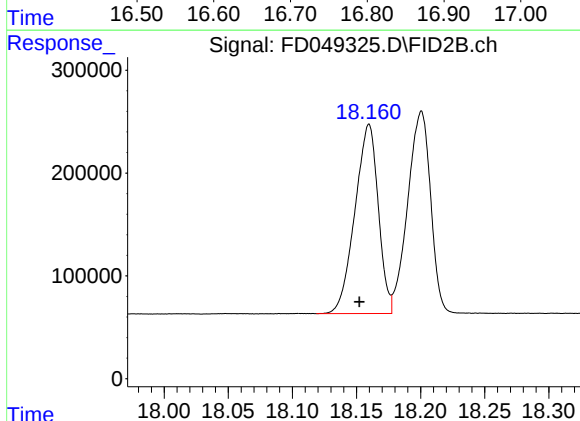
R.T.: 16.450 min
Delta R.T.: 0.007 min
Response: 2547870
Conc: 21.36 ug/ml

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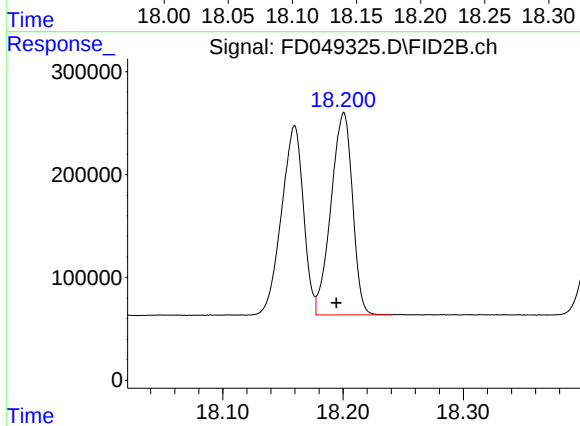
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.006 min
Response: 2433659
Conc: 21.17 ug/ml



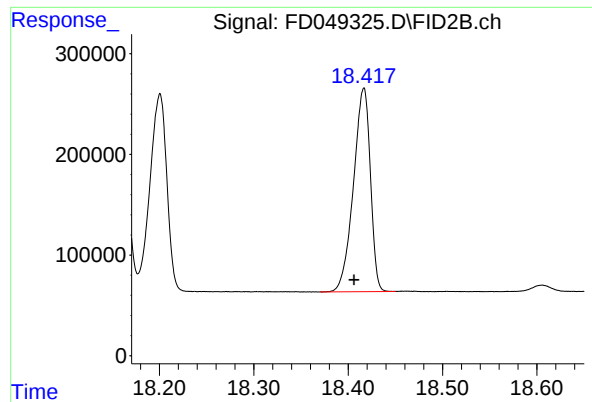
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.008 min
Response: 2330374
Conc: 21.23 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 2446121
Conc: 23.16 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.010 min
Response: 2521236
Conc: 21.16 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD