

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049219.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 22:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 03:45:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 03:39:09 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...	7.751	2641702	22.611 ug/ml
Spiked Amount 50.000		Recovery =	45.22%
6) S 2-Fluorobiphenyl (SURR)	8.617	1816738	22.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.67%
11) S ortho-Terphenyl (SURR)	11.658	3358851	22.715 ug/ml
Spiked Amount 50.000		Recovery =	45.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.543	2529964	22.565 ug/ml
2) T Naphthalene (C11.7)	6.088	2802847	22.400 ug/ml
3) T 2-Methylnaphthalene (...)	7.142	2780591	22.536 ug/ml
5) T Acenaphthylene (C15.06)	8.420	3149861	22.204 ug/ml
7) T Acenaphthene (C15.5)	8.716	3055057	22.569 ug/ml
8) T Fluorene (C16.55)	9.496	3043281	22.933 ug/ml
9) T Phenanthrene (C19.36)	10.894	3151111	22.427 ug/ml
10) T Anthracene (C19.43)	10.968	2707645	22.403 ug/ml
12) T Fluoranthene (C21.85)	12.707	3312962	22.529 ug/ml
13) T Pyrene (C20.8)	13.006	3347647	22.569 ug/ml
14) T Benzo[a]anthracene (C...	14.874	2497306	22.552 ug/ml
15) T Chrysene (C27.41)	14.917	2618877	22.264 ug/ml
16) T benzo[b]fluoranthene ...	16.423	2688459	22.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	2555836	22.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.801	2395049	22.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.163	2057164	21.268 ug/ml
20) T Dibenz[a,h]anthracene...	18.202	1715523	21.777 ug/ml
21) T Benzo[g,h,i]perylene ...	18.419	2367065	21.184 ug/ml

(f)=RT Delta > 1/2 Window

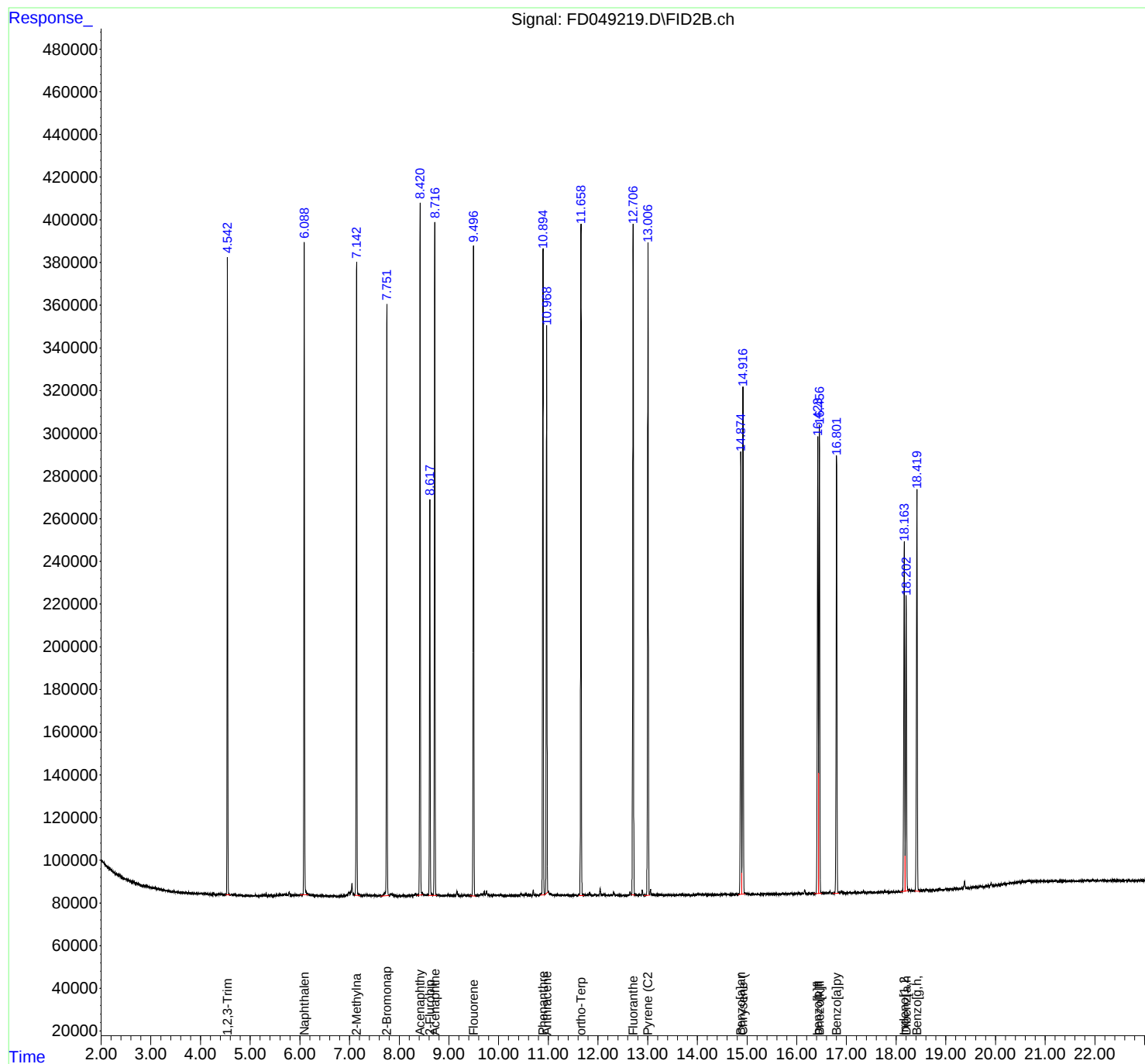
(m)=manual int.

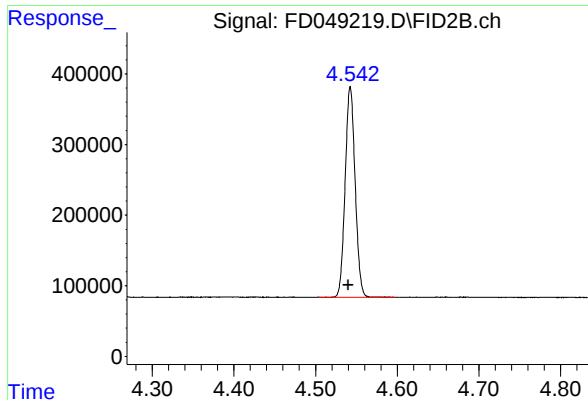
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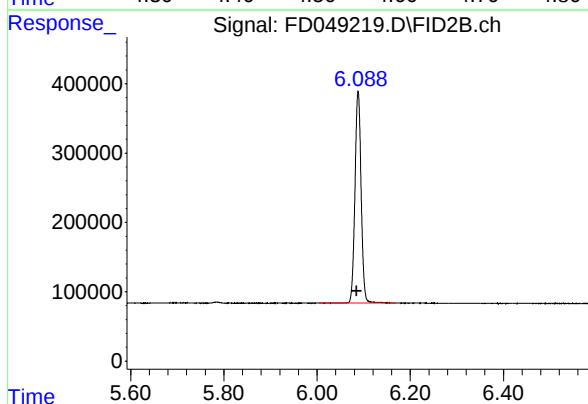




#1 1,2,3-Trimethylbenzene (C10.1)

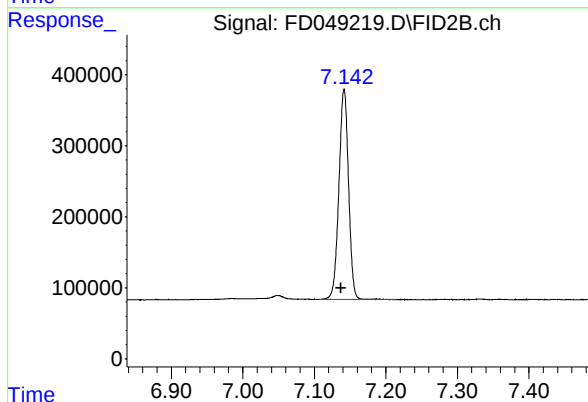
R.T.: 4.543 min
Delta R.T.: 0.003 min
Response: 2529964
Conc: 22.56 ug/ml

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20 PPM AROMATIC HC STD



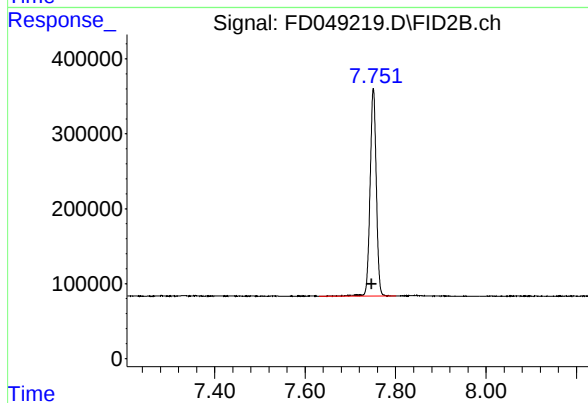
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 2802847
Conc: 22.40 ug/ml



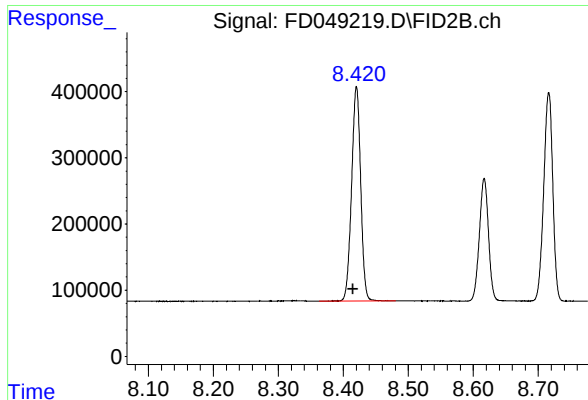
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.142 min
Delta R.T.: 0.005 min
Response: 2780591
Conc: 22.54 ug/ml



#4 2-Bromonaphthalene (SURR)

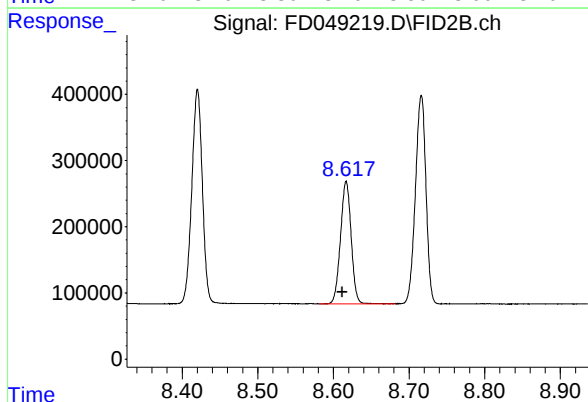
R.T.: 7.751 min
Delta R.T.: 0.004 min
Response: 2641702
Conc: 22.61 ug/ml



#5 Acenaphthylene (C15.06)

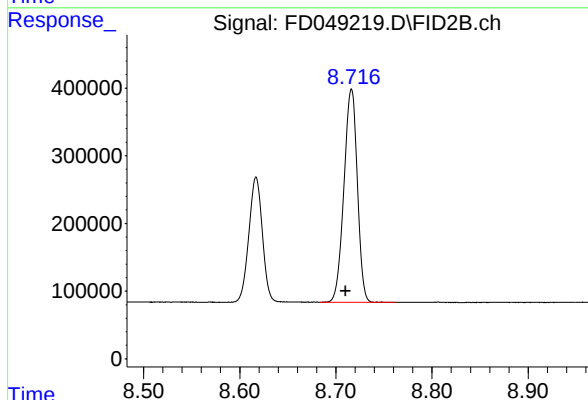
R.T.: 8.420 min
Delta R.T.: 0.005 min
Response: 3149861
Conc: 22.20 ug/ml

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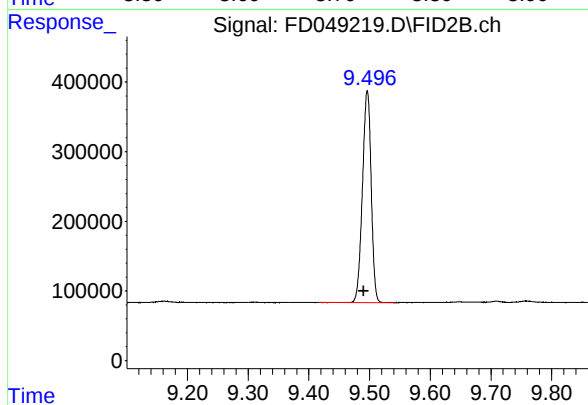
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: 0.005 min
Response: 1816738
Conc: 22.33 ug/ml



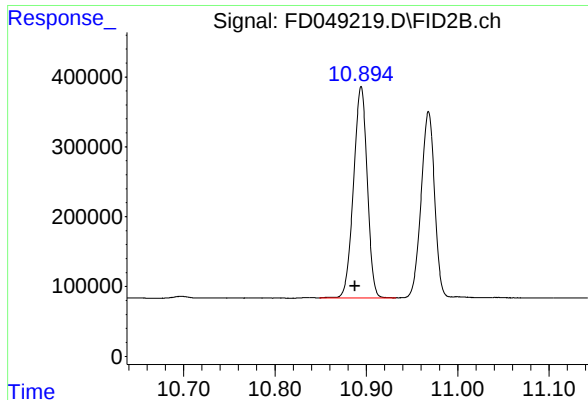
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: 0.006 min
Response: 3055057
Conc: 22.57 ug/ml



#8 Flouorene (C16.55)

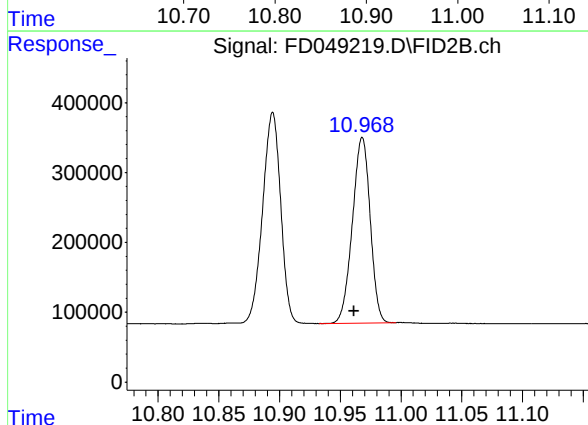
R.T.: 9.496 min
Delta R.T.: 0.006 min
Response: 3043281
Conc: 22.93 ug/ml



#9 Phenanthrene (C19.36)

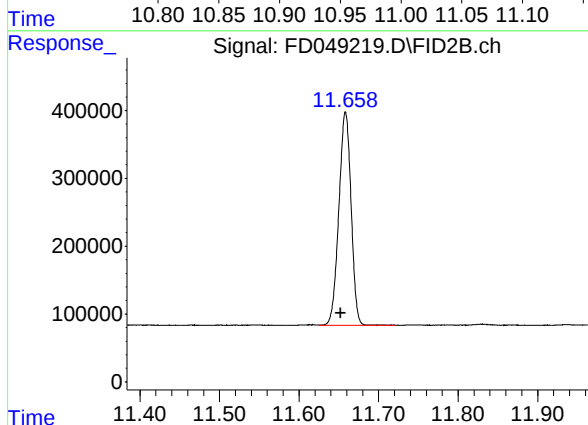
R.T.: 10.894 min
Delta R.T.: 0.007 min
Response: 3151111
Conc: 22.43 ug/ml

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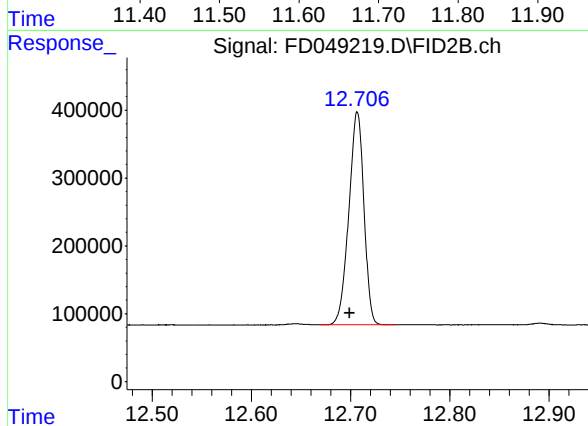
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: 0.007 min
Response: 2707645
Conc: 22.40 ug/ml



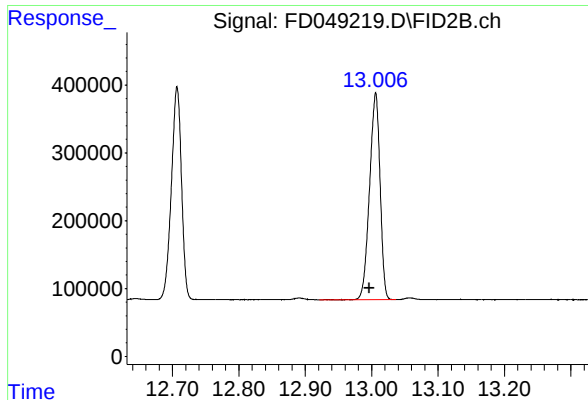
#11 ortho-Terphenyl (SURRE)

R.T.: 11.658 min
Delta R.T.: 0.006 min
Response: 3358851
Conc: 22.71 ug/ml



#12 Fluoranthene (C21.85)

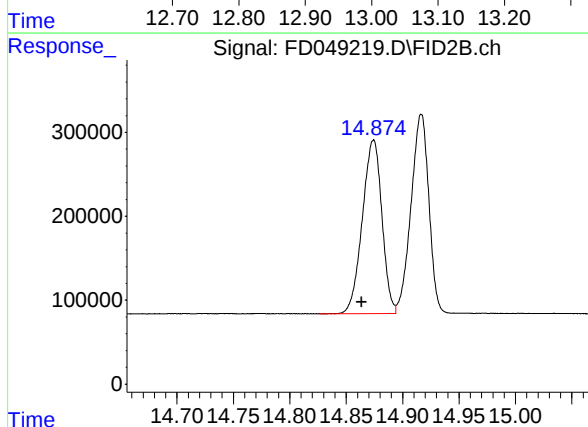
R.T.: 12.707 min
Delta R.T.: 0.008 min
Response: 3312962
Conc: 22.53 ug/ml



#13 Pyrene (C20.8)

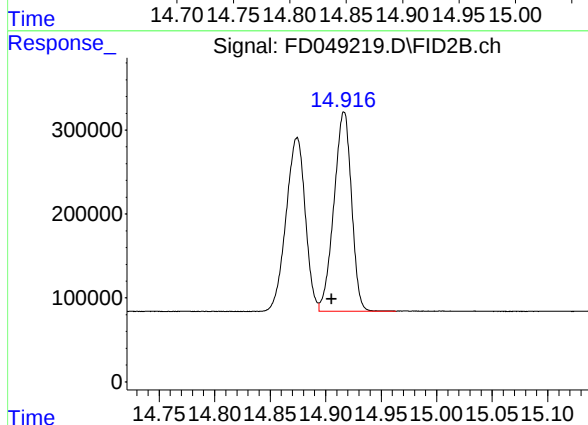
R.T.: 13.006 min
Delta R.T.: 0.009 min
Response: 3347647
Conc: 22.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



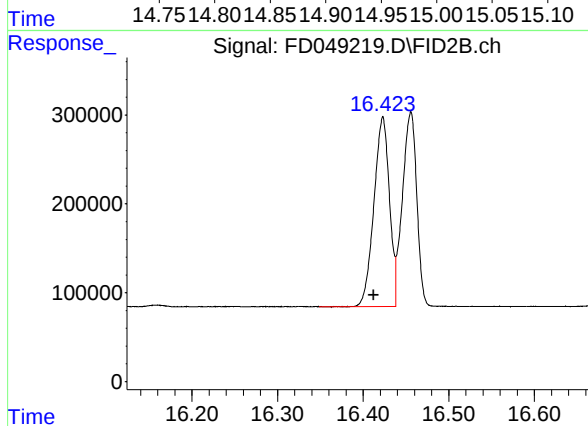
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.874 min
Delta R.T.: 0.011 min
Response: 2497306
Conc: 22.55 ug/ml



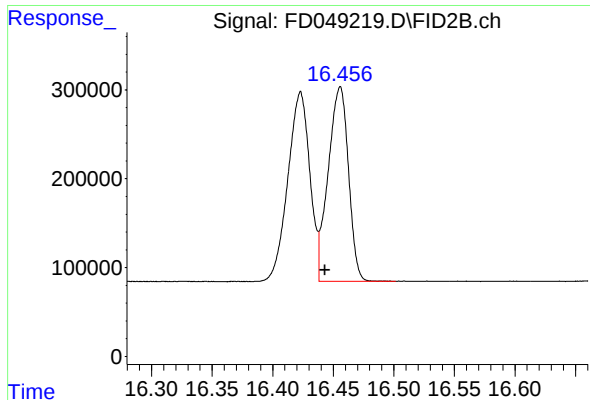
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.011 min
Response: 2618877
Conc: 22.26 ug/ml



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

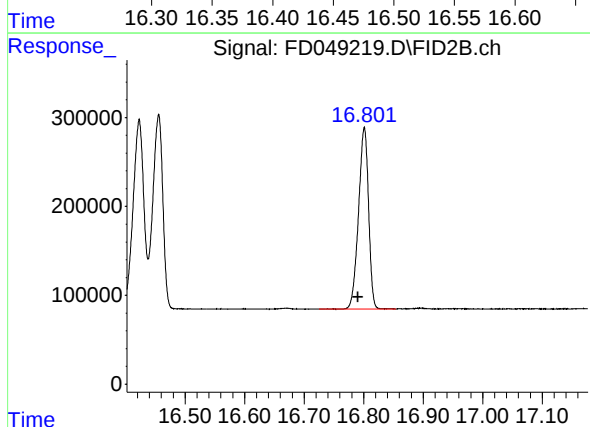
R.T.: 16.423 min
Delta R.T.: 0.011 min
Response: 2688459
Conc: 22.18 ug/ml



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

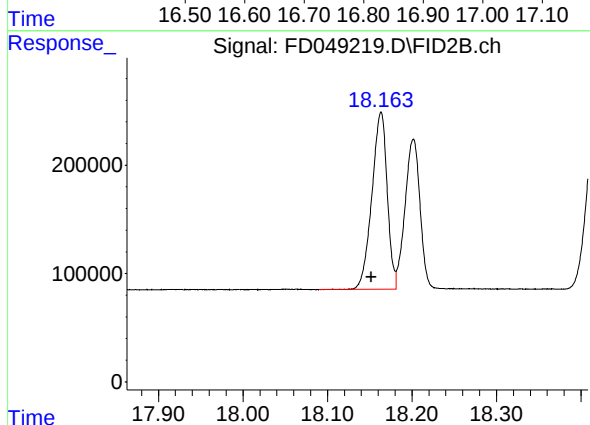
R.T.: 16.456 min
Delta R.T.: 0.013 min
Response: 2555836
Conc: 22.30 ug/ml

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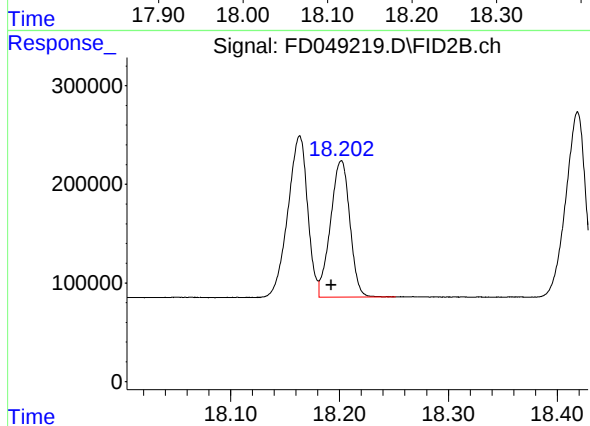
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.801 min
Delta R.T.: 0.010 min
Response: 2395049
Conc: 22.20 ug/ml



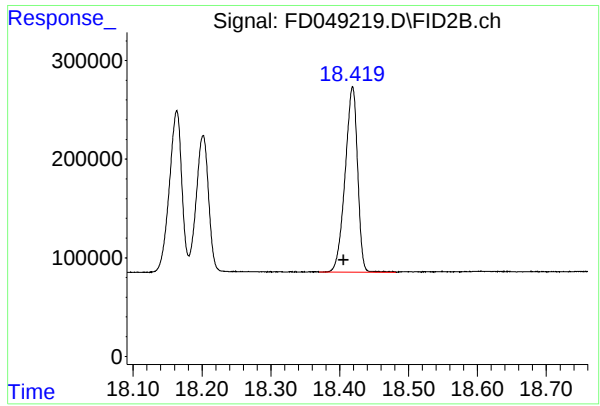
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.163 min
Delta R.T.: 0.012 min
Response: 2057164
Conc: 21.27 ug/ml



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

R.T.: 18.202 min
Delta R.T.: 0.009 min
Response: 1715523
Conc: 21.78 ug/ml



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

R.T.: 18.419 min
Delta R.T.: 0.013 min
Response: 2367065
Conc: 21.18 ug/ml

Instrument :

FID_D

ClientSampleId :

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