

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049566.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 06:04
 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: sample.E
 Quant Time: Jul 17 07:20:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.735	2801117	21.410 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
6) S 2-Fluorobiphenyl (SURR)	8.600	1990347	21.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.96%
11) S ortho-Terphenyl (SURR)	11.644	3352470	20.446 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2723654	21.083 ug/ml
2) T Naphthalene (C11.7)	6.073	3044907	20.804 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	3065939	20.189 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3307094	20.834 ug/ml
7) T Acenaphthene (C15.5)	8.700	3236487	20.442 ug/ml
8) T Flouorene (C16.55)	9.480	3352346	20.986 ug/ml
9) T Phenanthrene (C19.36)	10.878	3350596	20.455 ug/ml
10) T Anthracene (C19.43)	10.952	3078637	19.327 ug/ml
12) T Fluoranthene (C21.85)	12.691	3294082	20.266 ug/ml
13) T Pyrene (C20.8)	12.989	3282519	20.226 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2944818	20.108 ug/ml
15) T Chrysene (C27.41)	14.903	2941934	19.768 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2790530	19.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2782764	20.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2628810	19.094 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2477095	19.778 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2645945	20.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2621063	19.805 ug/ml

(f)=RT Delta > 1/2 Window

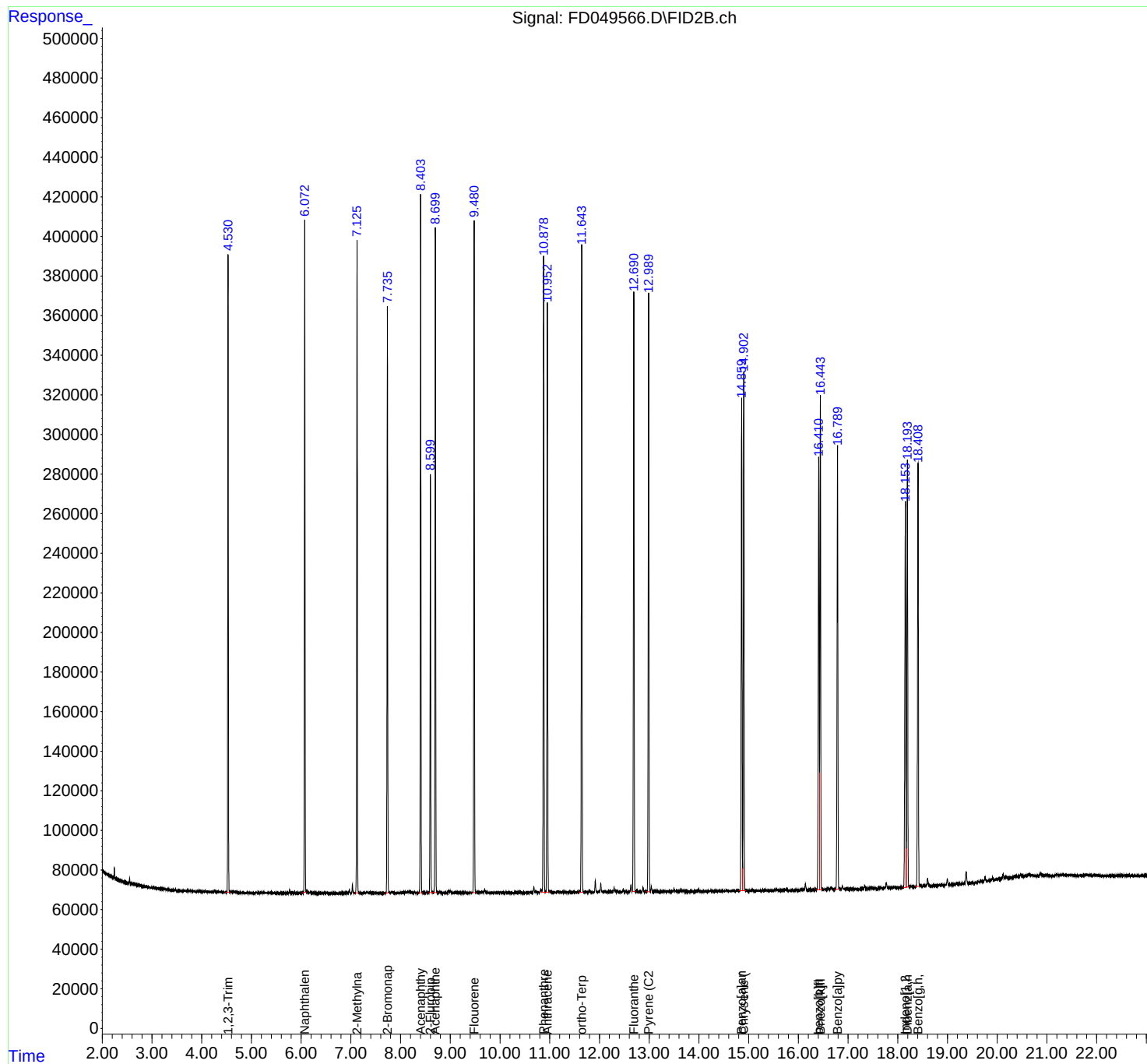
(m)=manual int.

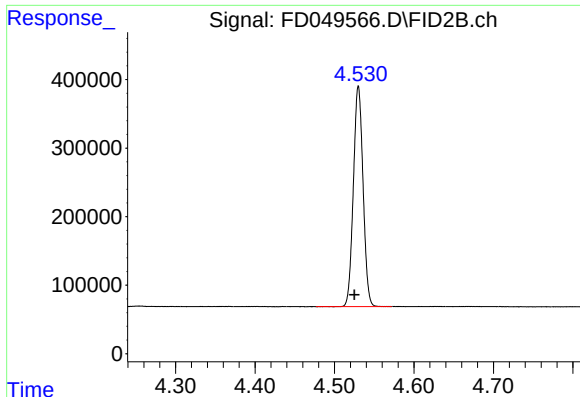
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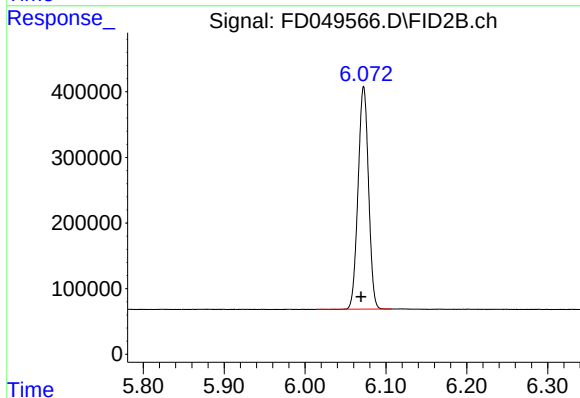




#1 1,2,3-Trimethylbenzene (C10.1)

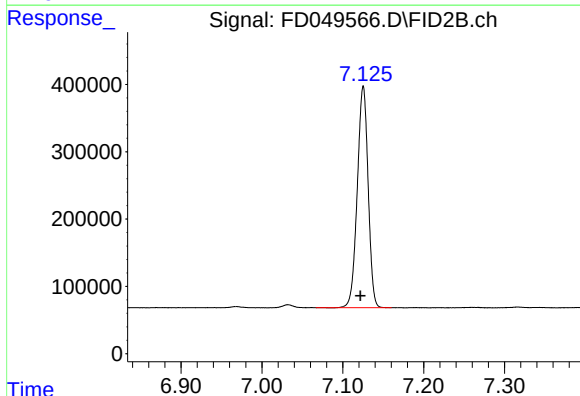
R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 2723654
Conc: 21.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



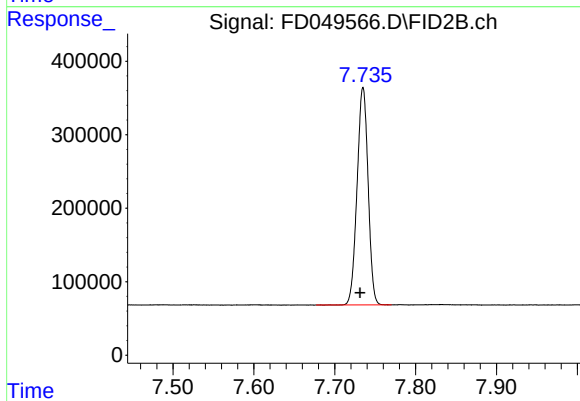
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 3044907
Conc: 20.80 ug/ml



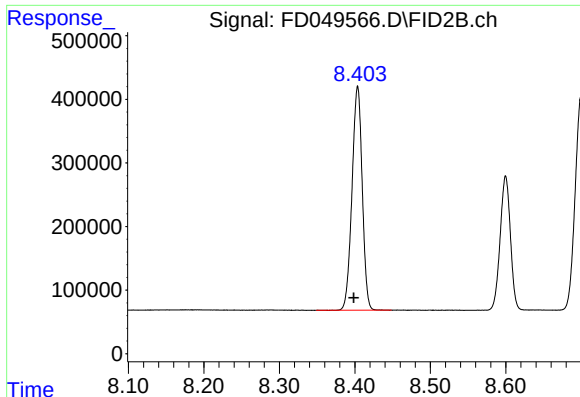
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.004 min
Response: 3065939
Conc: 20.19 ug/ml



#4 2-Bromonaphthalene (SURR)

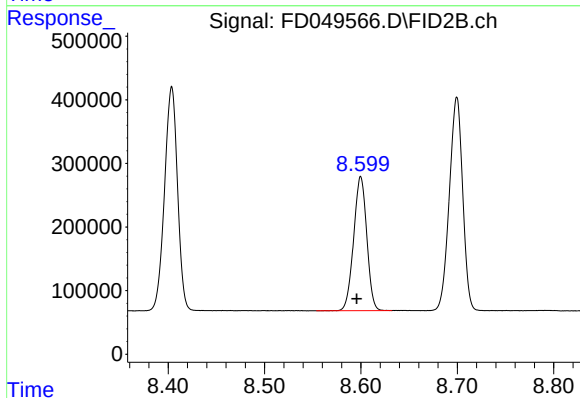
R.T.: 7.735 min
Delta R.T.: 0.004 min
Response: 2801117
Conc: 21.41 ug/ml



#5 Acenaphthylene (C15.06)

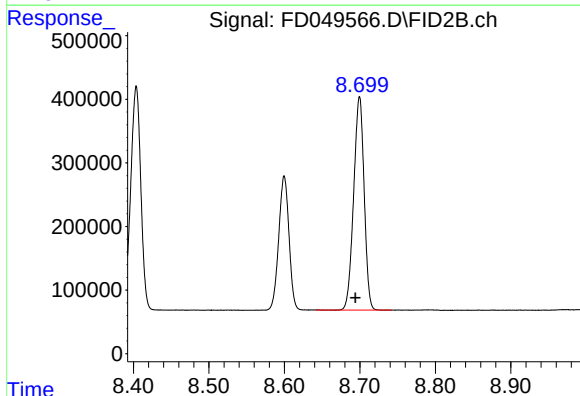
R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 3307094
Conc: 20.83 ug/ml

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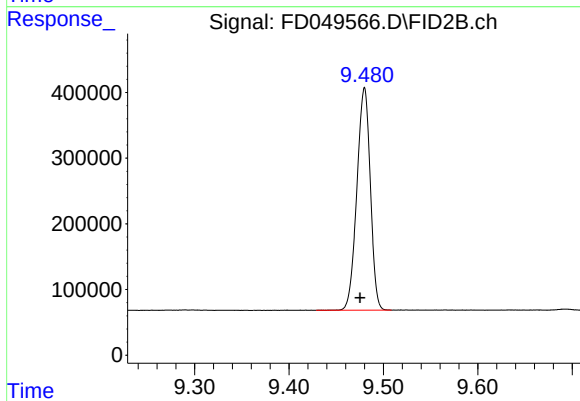
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: 0.004 min
Response: 1990347
Conc: 21.48 ug/ml



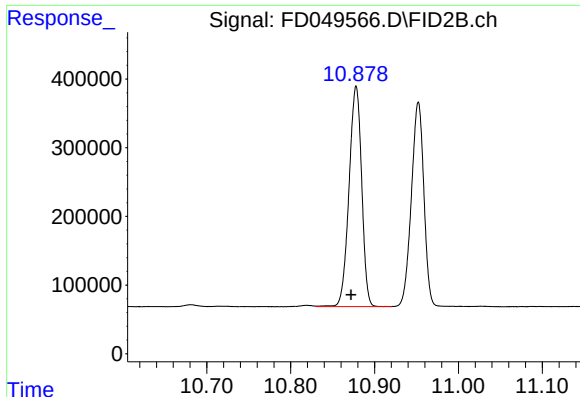
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.005 min
Response: 3236487
Conc: 20.44 ug/ml



#8 Fluorene (C16.55)

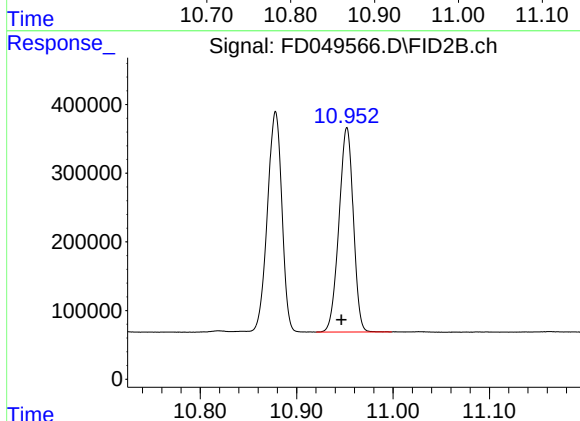
R.T.: 9.480 min
Delta R.T.: 0.005 min
Response: 3352346
Conc: 20.99 ug/ml



#9 Phenanthrene (C19.36)

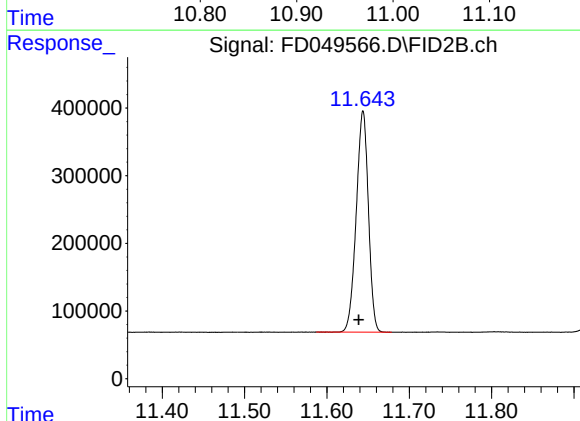
R.T.: 10.878 min
Delta R.T.: 0.006 min
Response: 3350596
Conc: 20.45 ug/ml

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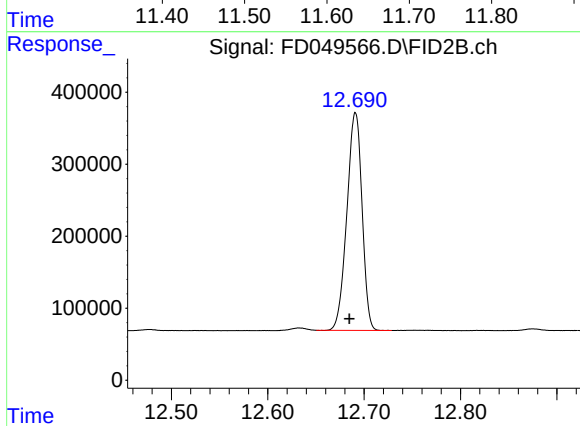
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: 0.006 min
Response: 3078637
Conc: 19.33 ug/ml



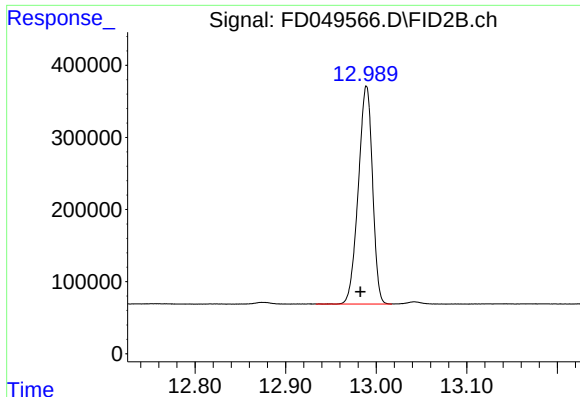
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.005 min
Response: 3352470
Conc: 20.45 ug/ml



#12 Fluoranthene (C21.85)

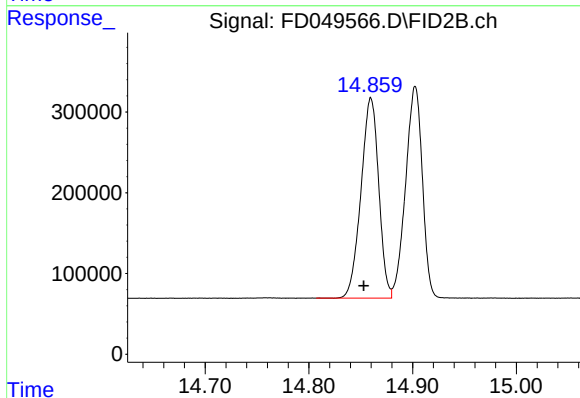
R.T.: 12.691 min
Delta R.T.: 0.006 min
Response: 3294082
Conc: 20.27 ug/ml



#13 Pyrene (C20.8)

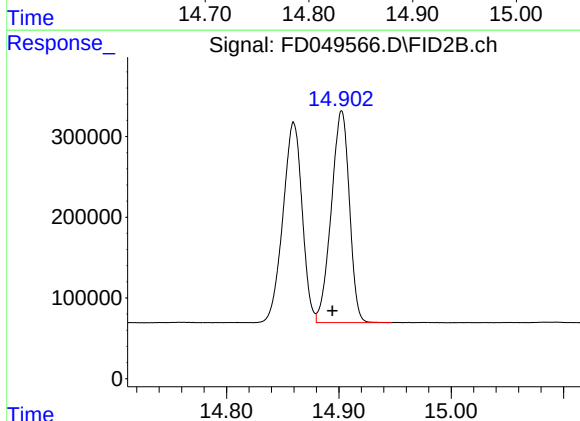
R.T.: 12.989 min
Delta R.T.: 0.007 min
Response: 3282519
Conc: 20.23 ug/ml

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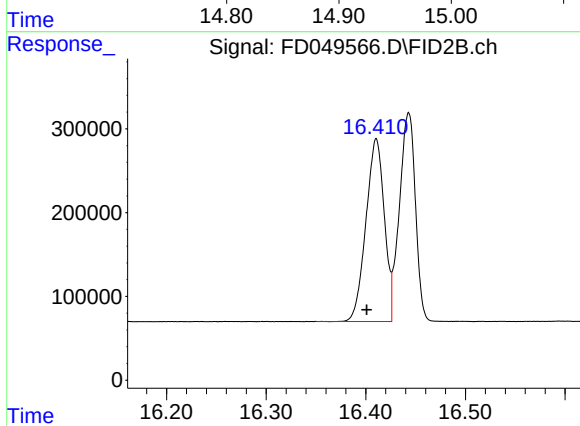
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: 0.007 min
Response: 2944818
Conc: 20.11 ug/ml



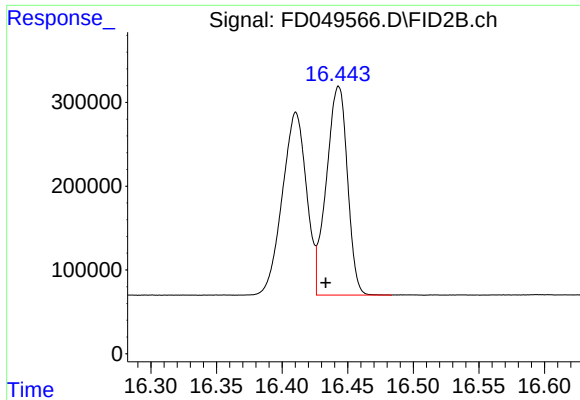
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.008 min
Response: 2941934
Conc: 19.77 ug/ml



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

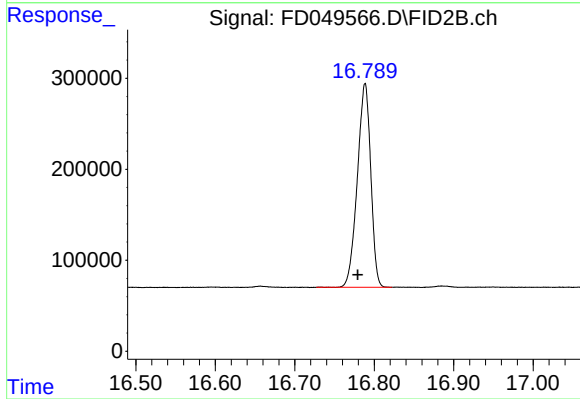
R.T.: 16.411 min
Delta R.T.: 0.009 min
Response: 2790530
Conc: 19.69 ug/ml



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

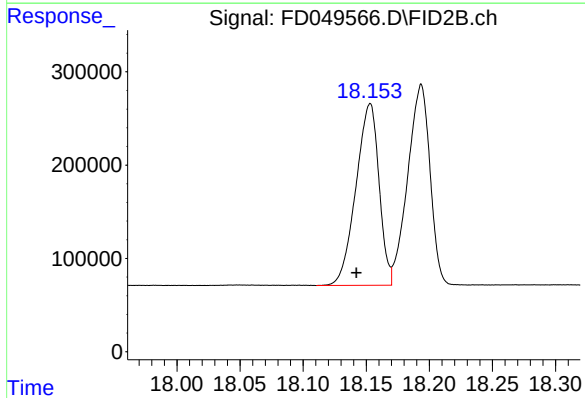
R.T.: 16.443 min
Delta R.T.: 0.010 min
Response: 2782764
Conc: 20.82 ug/ml

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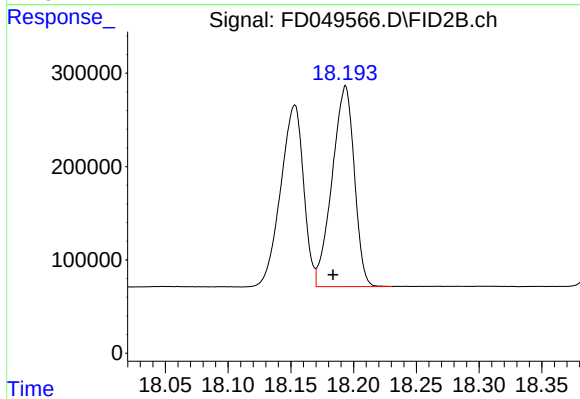
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: 0.009 min
Response: 2628810
Conc: 19.09 ug/ml



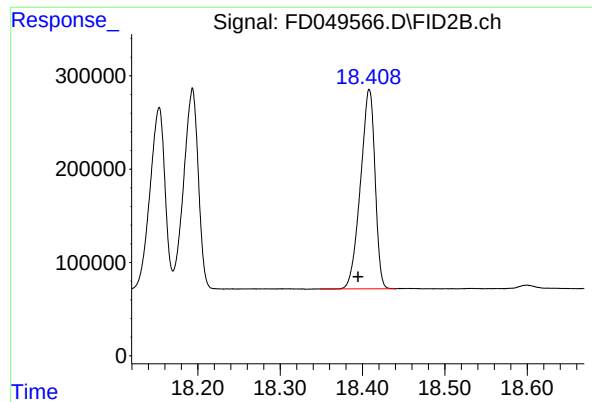
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: 0.011 min
Response: 2477095
Conc: 19.78 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.010 min
Response: 2645945
Conc: 20.08 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.013 min
Response: 2621063
Conc: 19.80 ug/ml

Instrument :

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ClientSampleId :

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