

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049559.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 23:34
 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 07:18:42 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

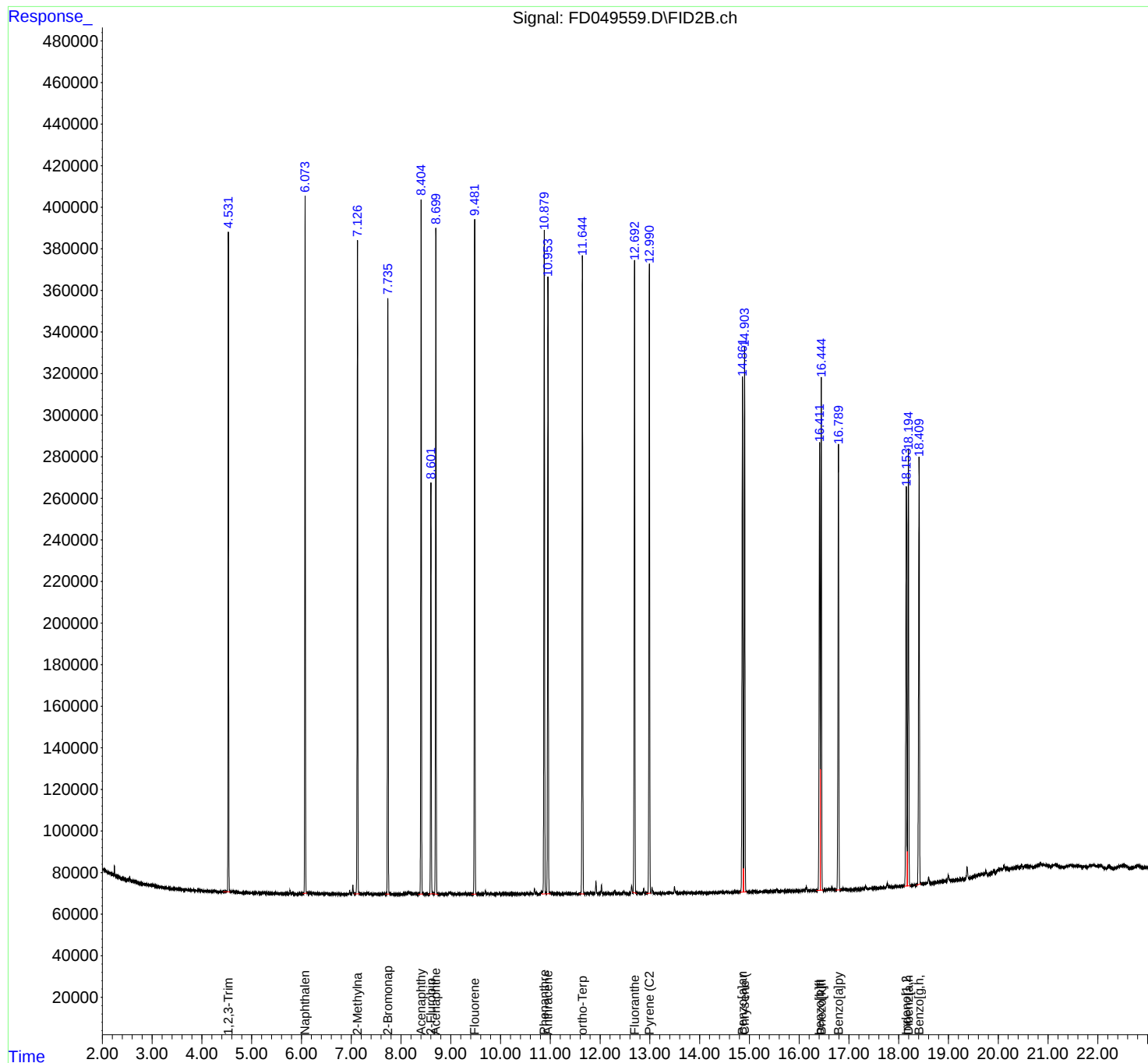
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.736	2699009	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
6) S 2-Fluorobiphenyl (SURR)	8.601	1924863	20.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.645	3258117	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2653134	20.537 ug/ml
2) T Naphthalene (C11.7)	6.074	2959896	20.224 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2963160	19.512 ug/ml
5) T Acenaphthylene (C15.06)	8.405	3198651	20.151 ug/ml
7) T Acenaphthene (C15.5)	8.700	3124824	19.736 ug/ml
8) T Flouorene (C16.55)	9.481	3241677	20.293 ug/ml
9) T Phenanthrene (C19.36)	10.879	3269827	19.962 ug/ml
10) T Anthracene (C19.43)	10.954	3012639	18.913 ug/ml
12) T Fluoranthene (C21.85)	12.693	3237446	19.917 ug/ml
13) T Pyrene (C20.8)	12.990	3239360	19.960 ug/ml
14) T Benzo[a]anthracene (C...	14.861	2919609	19.936 ug/ml
15) T Chrysene (C27.41)	14.903	2914329	19.582 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2751404	19.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2736459	20.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2586134	18.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2419458	19.317 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2589389	19.655 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2560654	19.348 ug/ml

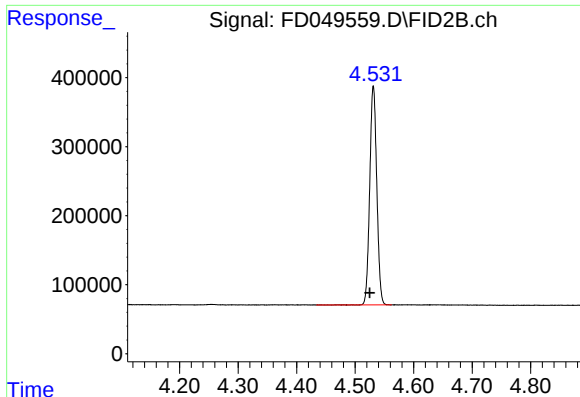
(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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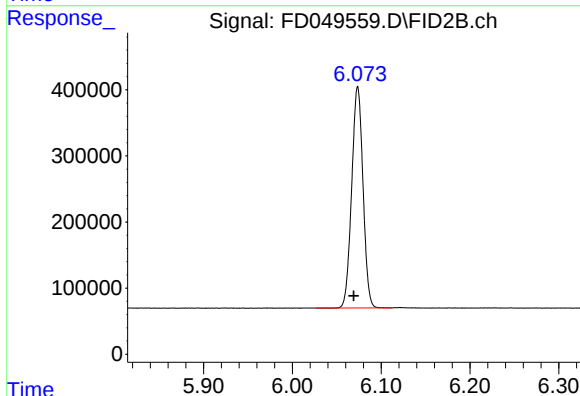




#1 1,2,3-Trimethylbenzene (C10.1)

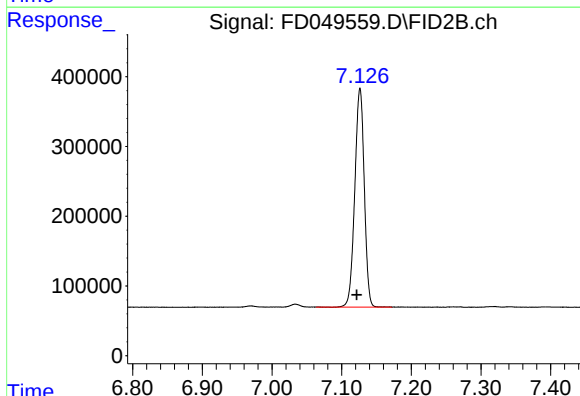
R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 2653134
Conc: 20.54 ug/ml

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20 PPM AROMATIC HC STD



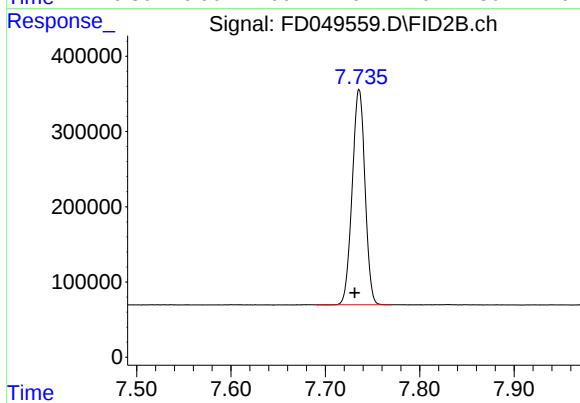
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.004 min
Response: 2959896
Conc: 20.22 ug/ml



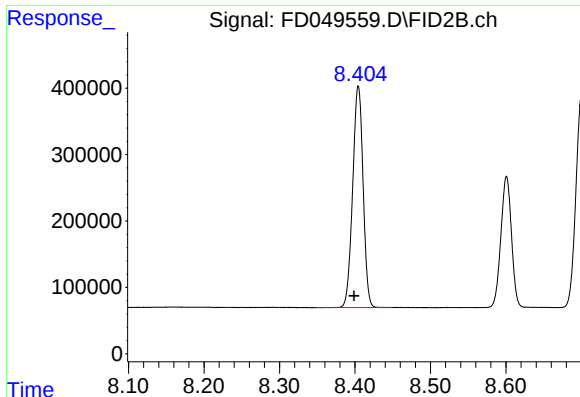
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.005 min
Response: 2963160
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

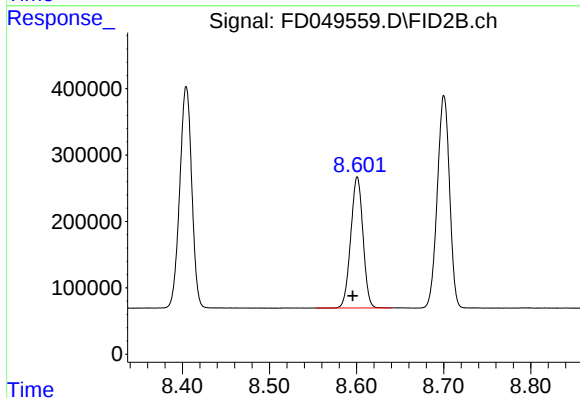
R.T.: 7.736 min
Delta R.T.: 0.005 min
Response: 2699009
Conc: 20.63 ug/ml



#5 Acenaphthylene (C15.06)

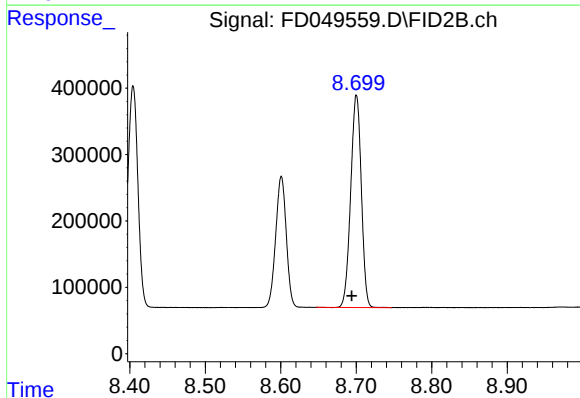
R.T.: 8.405 min
Delta R.T.: 0.006 min
Response: 3198651
Conc: 20.15 ug/ml

Instrument :
FID_D
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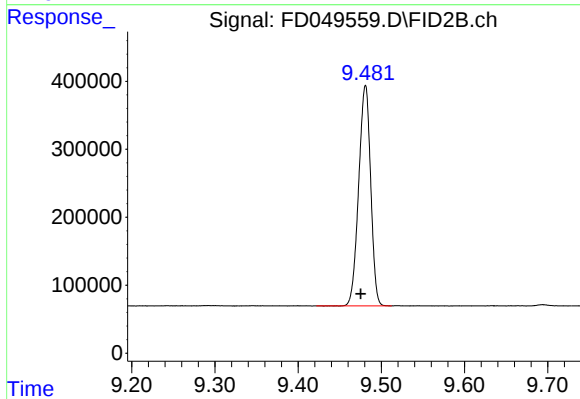
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.005 min
Response: 1924863
Conc: 20.77 ug/ml



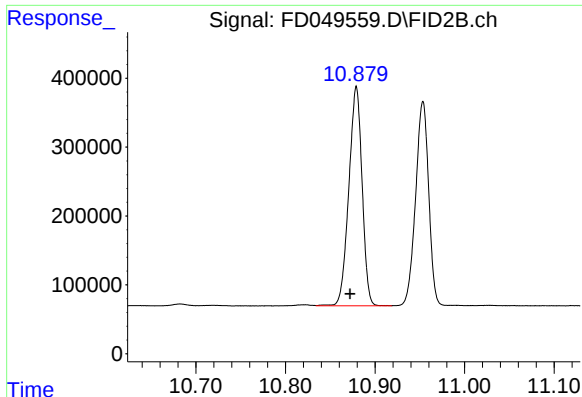
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.006 min
Response: 3124824
Conc: 19.74 ug/ml



#8 Fluorene (C16.55)

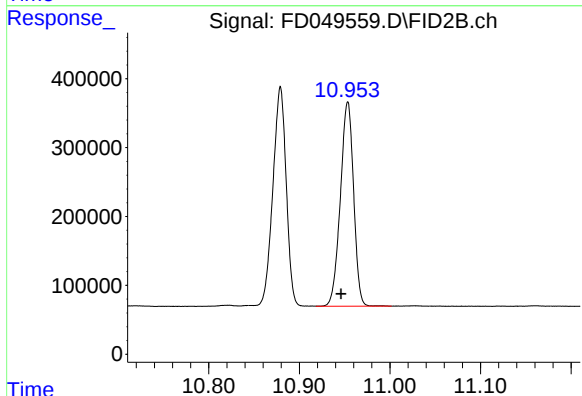
R.T.: 9.481 min
Delta R.T.: 0.006 min
Response: 3241677
Conc: 20.29 ug/ml



#9 Phenanthrene (C19.36)

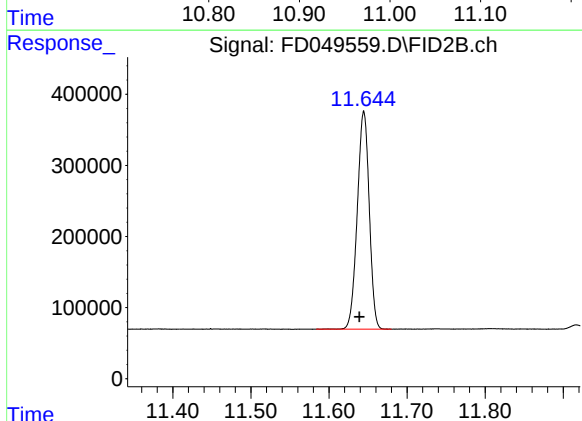
R.T.: 10.879 min
Delta R.T.: 0.007 min
Response: 3269827
Conc: 19.96 ug/ml

Instrument :
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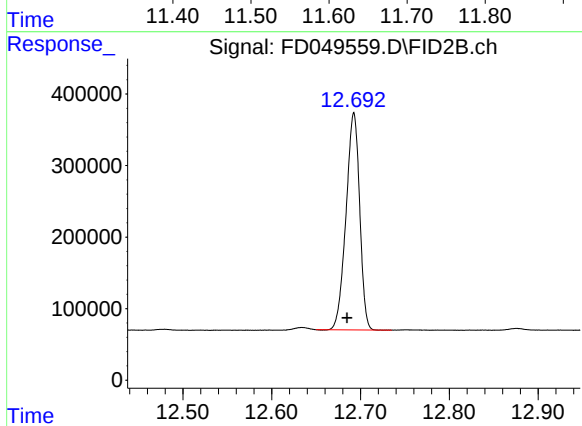
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: 0.007 min
Response: 3012639
Conc: 18.91 ug/ml



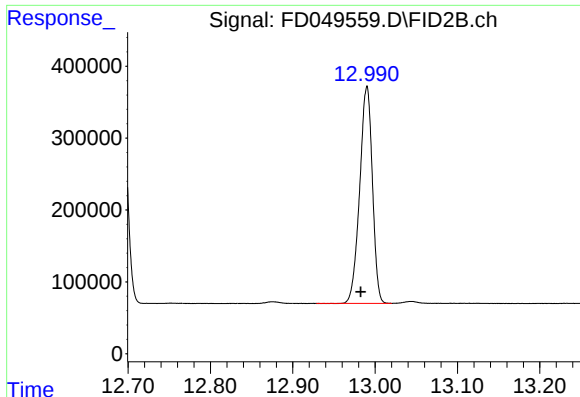
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.006 min
Response: 3258117
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

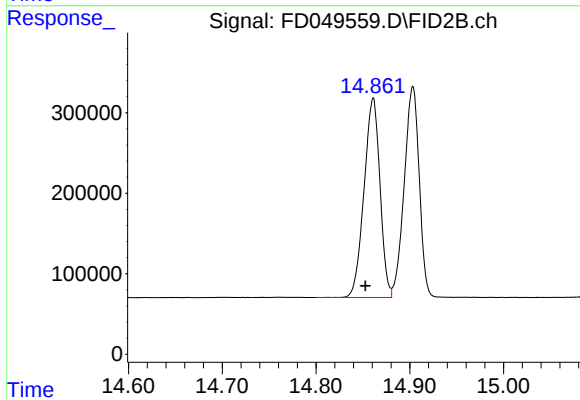
R.T.: 12.693 min
Delta R.T.: 0.008 min
Response: 3237446
Conc: 19.92 ug/ml



#13 Pyrene (C20.8)

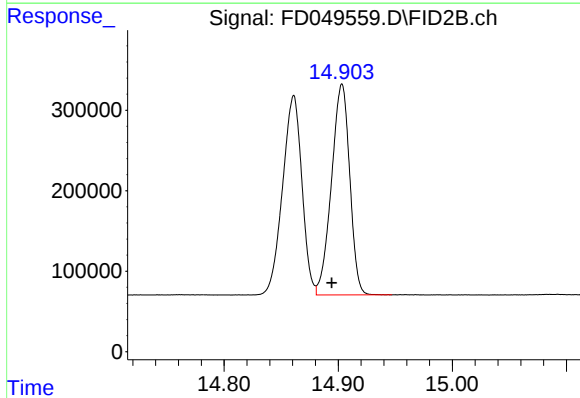
R.T.: 12.990 min
Delta R.T.: 0.008 min
Response: 3239360
Conc: 19.96 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



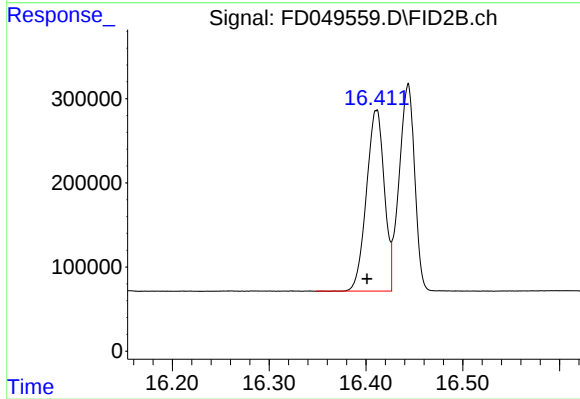
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.008 min
Response: 2919609
Conc: 19.94 ug/ml



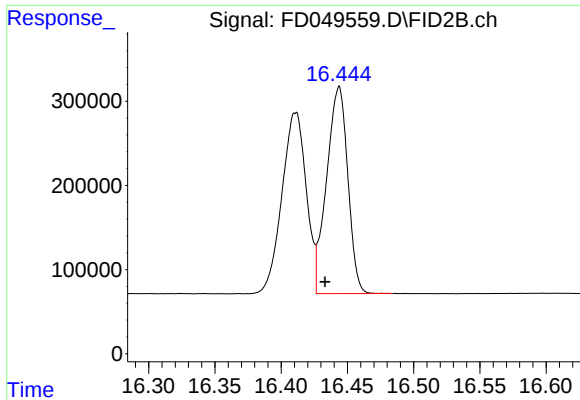
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.009 min
Response: 2914329
Conc: 19.58 ug/ml



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

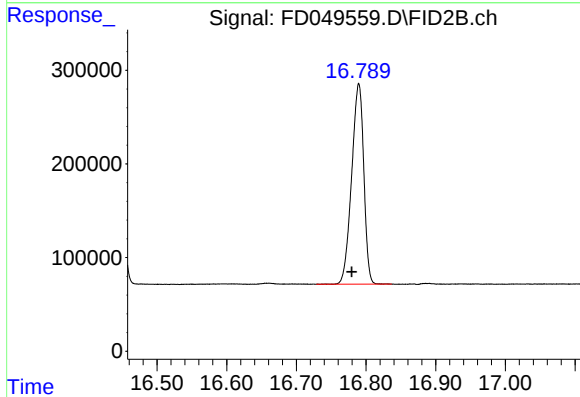
R.T.: 16.411 min
Delta R.T.: 0.010 min
Response: 2751404
Conc: 19.42 ug/ml



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

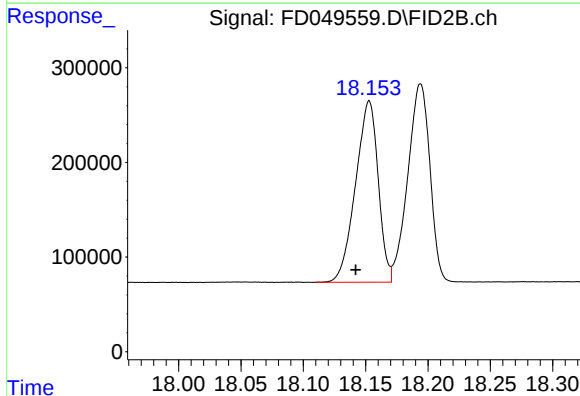
R.T.: 16.444 min
Delta R.T.: 0.010 min
Response: 2736459
Conc: 20.47 ug/ml

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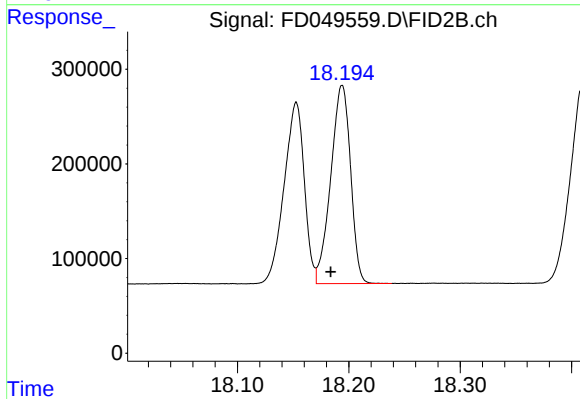
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: 0.010 min
Response: 2586134
Conc: 18.78 ug/ml



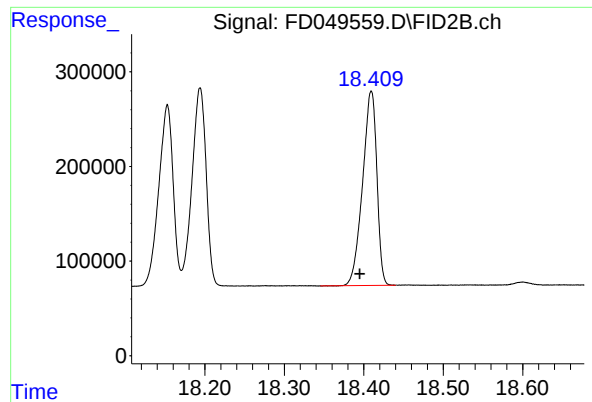
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: 0.011 min
Response: 2419458
Conc: 19.32 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.010 min
Response: 2589389
Conc: 19.66 ug/ml



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

R.T.: 18.409 min
Delta R.T.: 0.015 min
Response: 2560654
Conc: 19.35 ug/ml

Instrument :

FID_D

ClientSampleId :

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