

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049783.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 09:40
 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: Oct 02 10:15:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.695	2375494	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
6) S 2-Fluorobiphenyl (SURR)	8.560	1698219	21.156 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.31%
11) S ortho-Terphenyl (SURR)	11.607	3000449	21.207 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2254581	20.924 ug/ml
2) T Naphthalene (C11.7)	6.031	2642211	21.247 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2752121	21.116 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2916875	21.039 ug/ml
7) T Acenaphthene (C15.5)	8.660	2913980	21.021 ug/ml
8) T Flouorene (C16.55)	9.441	2921379	21.060 ug/ml
9) T Phenanthrene (C19.36)	10.838	2898872	20.810 ug/ml
10) T Anthracene (C19.43)	10.913	2586861	19.591 ug/ml
12) T Fluoranthene (C21.85)	12.653	2860953	21.244 ug/ml
13) T Pyrene (C20.8)	12.950	2829220	21.268 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2470231	20.657 ug/ml
15) T Chrysene (C27.41)	14.865	2545429	20.924 ug/ml
16) T benzo[b]fluoranthene ...	16.374	2467708	20.587 ug/ml
17) T Bnezo[k]fluoranthene ...	16.406	2330342	20.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2376610	20.253 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	2155227	19.811 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	2408887	21.140 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2326332	19.993 ug/ml

(f)=RT Delta > 1/2 Window

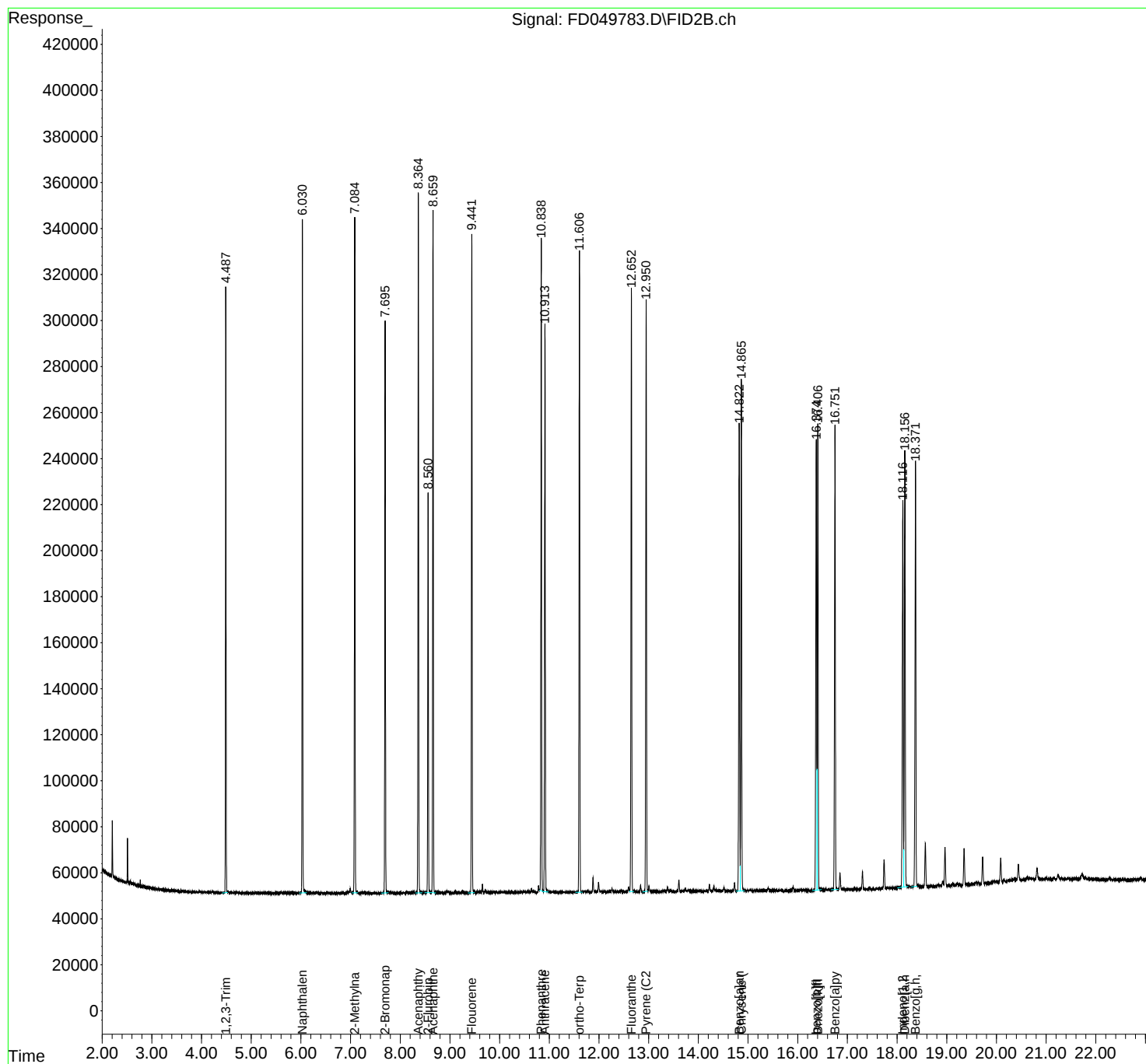
(m)=manual int.

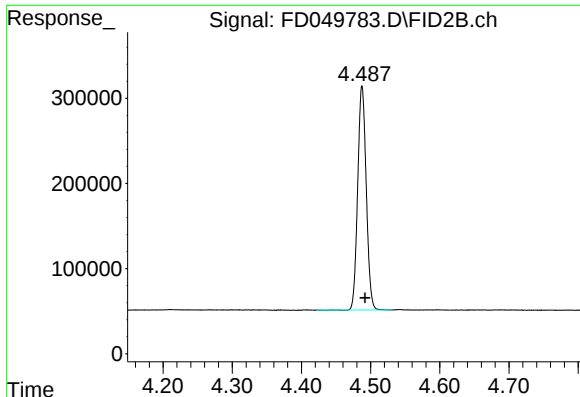
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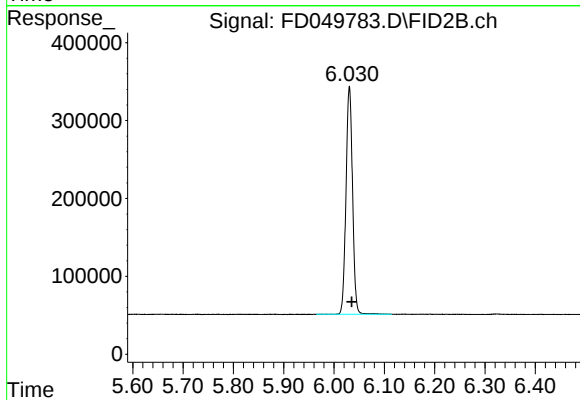




#1 1,2,3-Trimethylbenzene (C10.1)

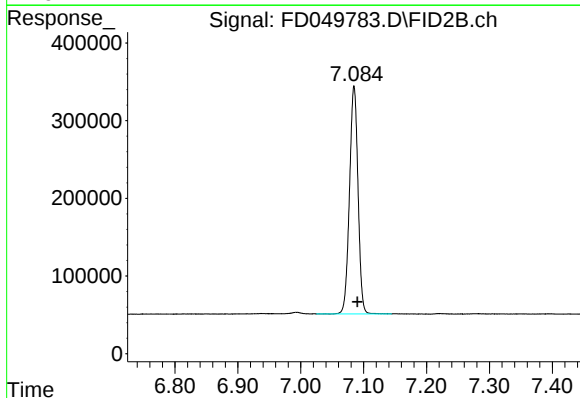
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2254581
Conc: 20.92 ug/ml

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20 PPM AROMATIC HC STD



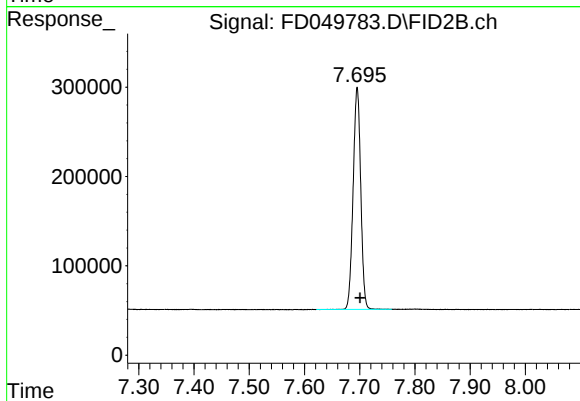
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2642211
Conc: 21.25 ug/ml



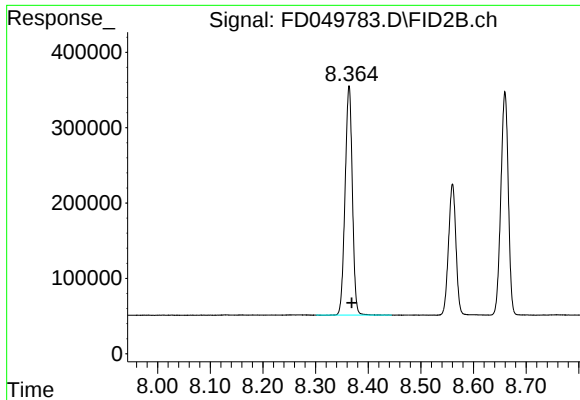
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 2752121
Conc: 21.12 ug/ml



#4 2-Bromonaphthalene (SURR)

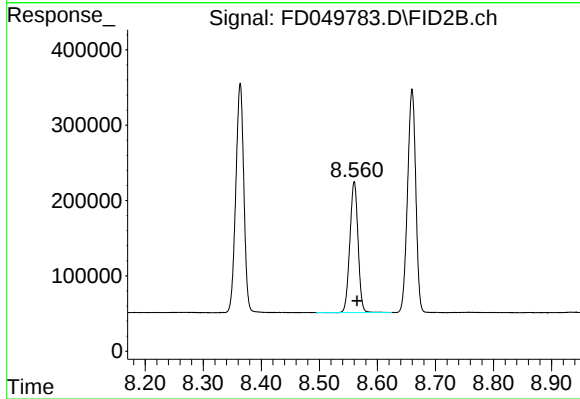
R.T.: 7.695 min
Delta R.T.: -0.005 min
Response: 2375494
Conc: 21.12 ug/ml



#5 Acenaphthylene (C15.06)

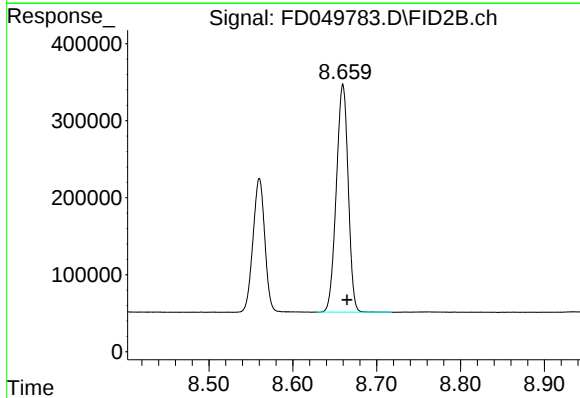
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 2916875
Conc: 21.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



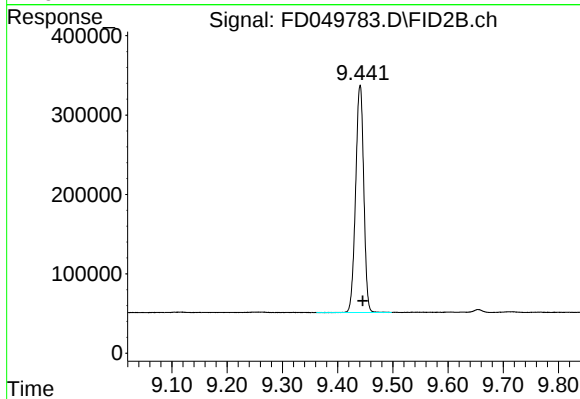
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1698219
Conc: 21.16 ug/ml



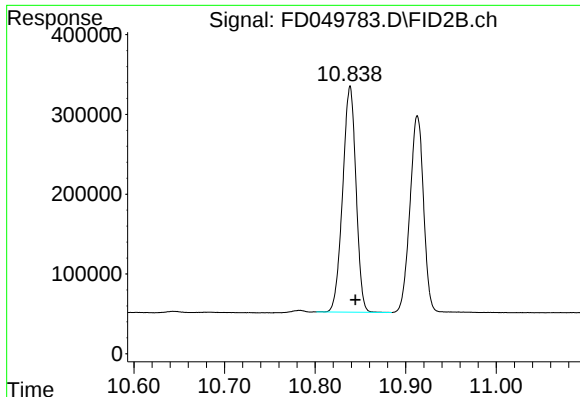
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 2913980
Conc: 21.02 ug/ml



#8 Fluorene (C16.55)

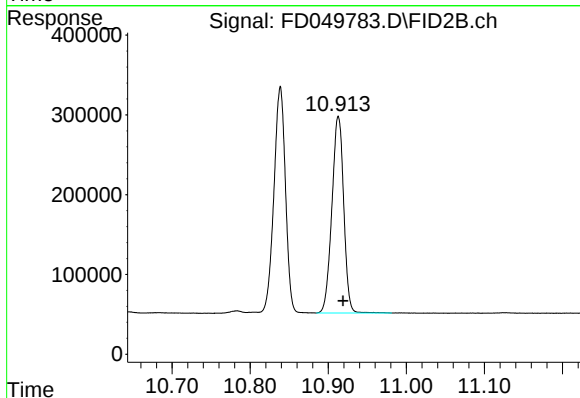
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 2921379
Conc: 21.06 ug/ml



#9 Phenanthrene (C19.36)

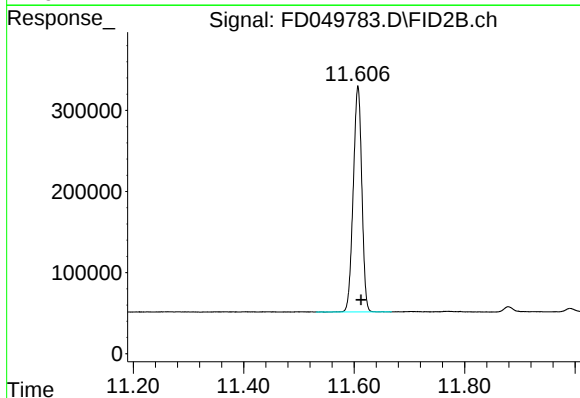
R.T.: 10.838 min
Delta R.T.: -0.006 min
Response: 2898872
Conc: 20.81 ug/ml

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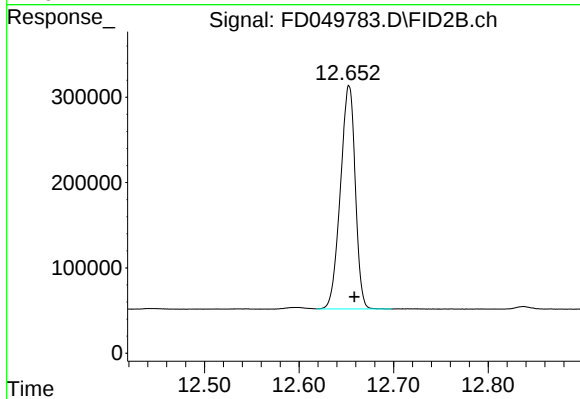
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2586861
Conc: 19.59 ug/ml



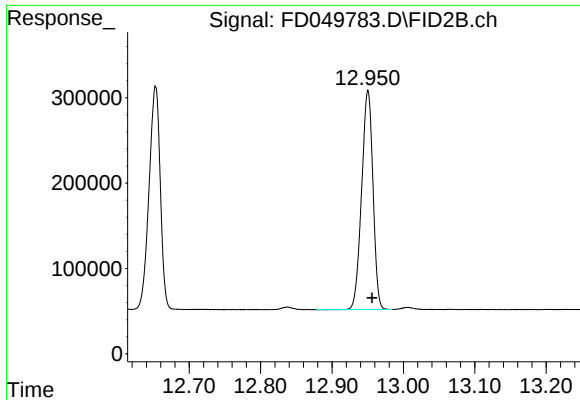
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 3000449
Conc: 21.21 ug/ml



#12 Fluoranthene (C21.85)

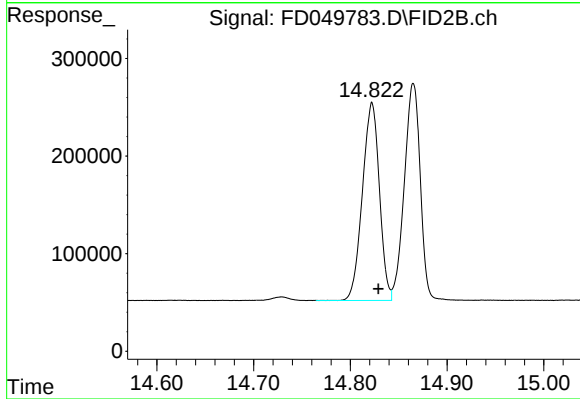
R.T.: 12.653 min
Delta R.T.: -0.006 min
Response: 2860953
Conc: 21.24 ug/ml



#13 Pyrene (C20.8)

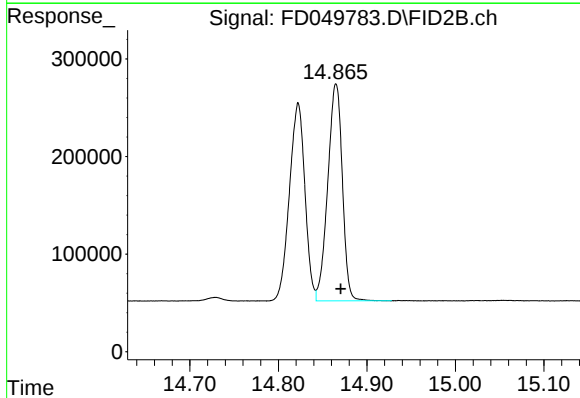
R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 2829220
Conc: 21.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



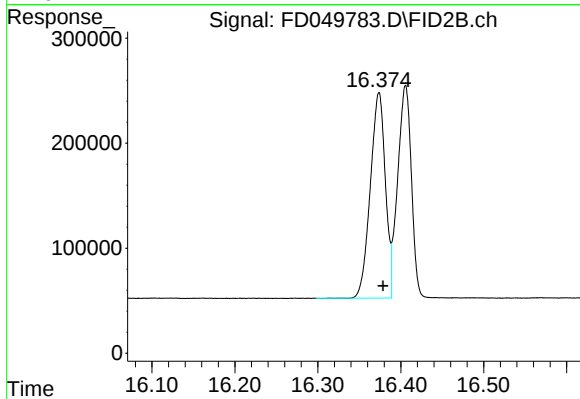
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.007 min
Response: 2470231
Conc: 20.66 ug/ml



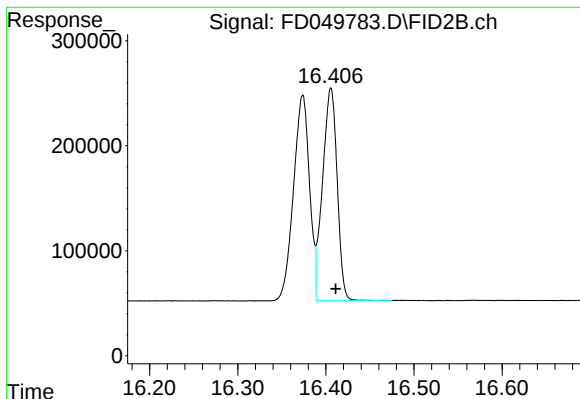
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2545429
Conc: 20.92 ug/ml



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

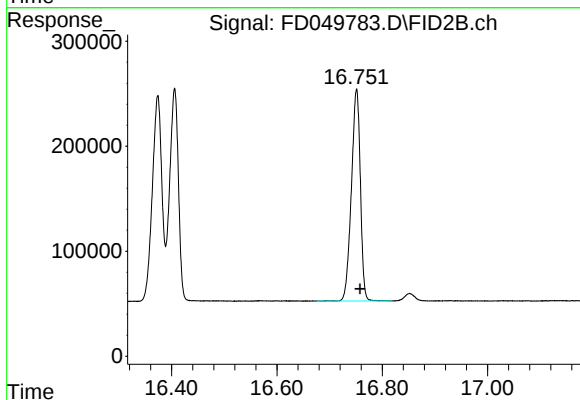
R.T.: 16.374 min
Delta R.T.: -0.005 min
Response: 2467708
Conc: 20.59 ug/ml



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

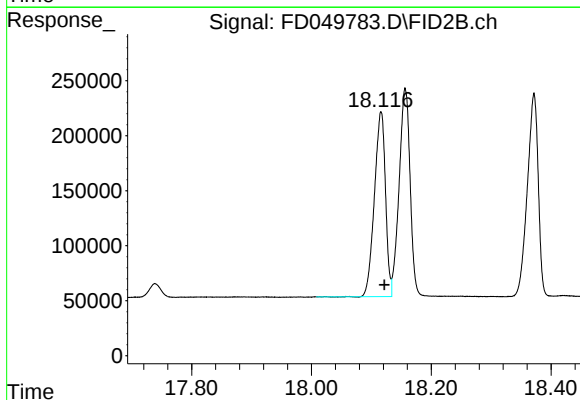
R.T.: 16.406 min
Delta R.T.: -0.006 min
Response: 2330342
Conc: 20.68 ug/ml

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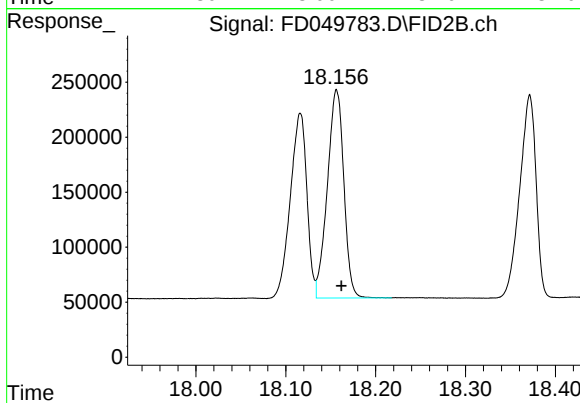
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.007 min
Response: 2376610
Conc: 20.25 ug/ml



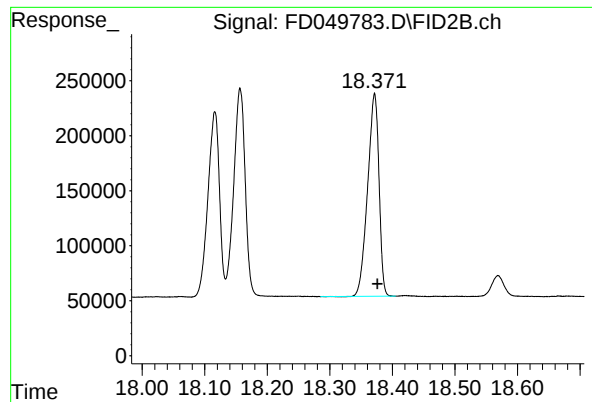
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min
Delta R.T.: -0.006 min
Response: 2155227
Conc: 19.81 ug/ml



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

R.T.: 18.157 min
Delta R.T.: -0.005 min
Response: 2408887
Conc: 21.14 ug/ml



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

R.T.: 18.371 min
Delta R.T.: -0.005 min
Response: 2326332
Conc: 19.99 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD