

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049788.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 17:54
 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 10:17:13 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	2398303	21.325 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
6) S 2-Fluorobiphenyl (SURR)	8.560	1714721	21.362 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.606	3007878	21.260 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2298452	21.331 ug/ml
2) T Naphthalene (C11.7)	6.030	2664536	21.426 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	2796996	21.460 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2938048	21.192 ug/ml
7) T Acenaphthene (C15.5)	8.659	2939661	21.206 ug/ml
8) T Flouorene (C16.55)	9.441	2942831	21.215 ug/ml
9) T Phenanthrene (C19.36)	10.838	2932132	21.049 ug/ml
10) T Anthracene (C19.43)	10.913	2585175	19.579 ug/ml
12) T Fluoranthene (C21.85)	12.652	2854909	21.199 ug/ml
13) T Pyrene (C20.8)	12.950	2821886	21.213 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2479767	20.736 ug/ml
15) T Chrysene (C27.41)	14.865	2557659	21.024 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2468734	20.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.406	2334251	20.717 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2374794	20.237 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	2198563	20.209 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	2500361	21.943 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2335915	20.075 ug/ml

(f)=RT Delta > 1/2 Window

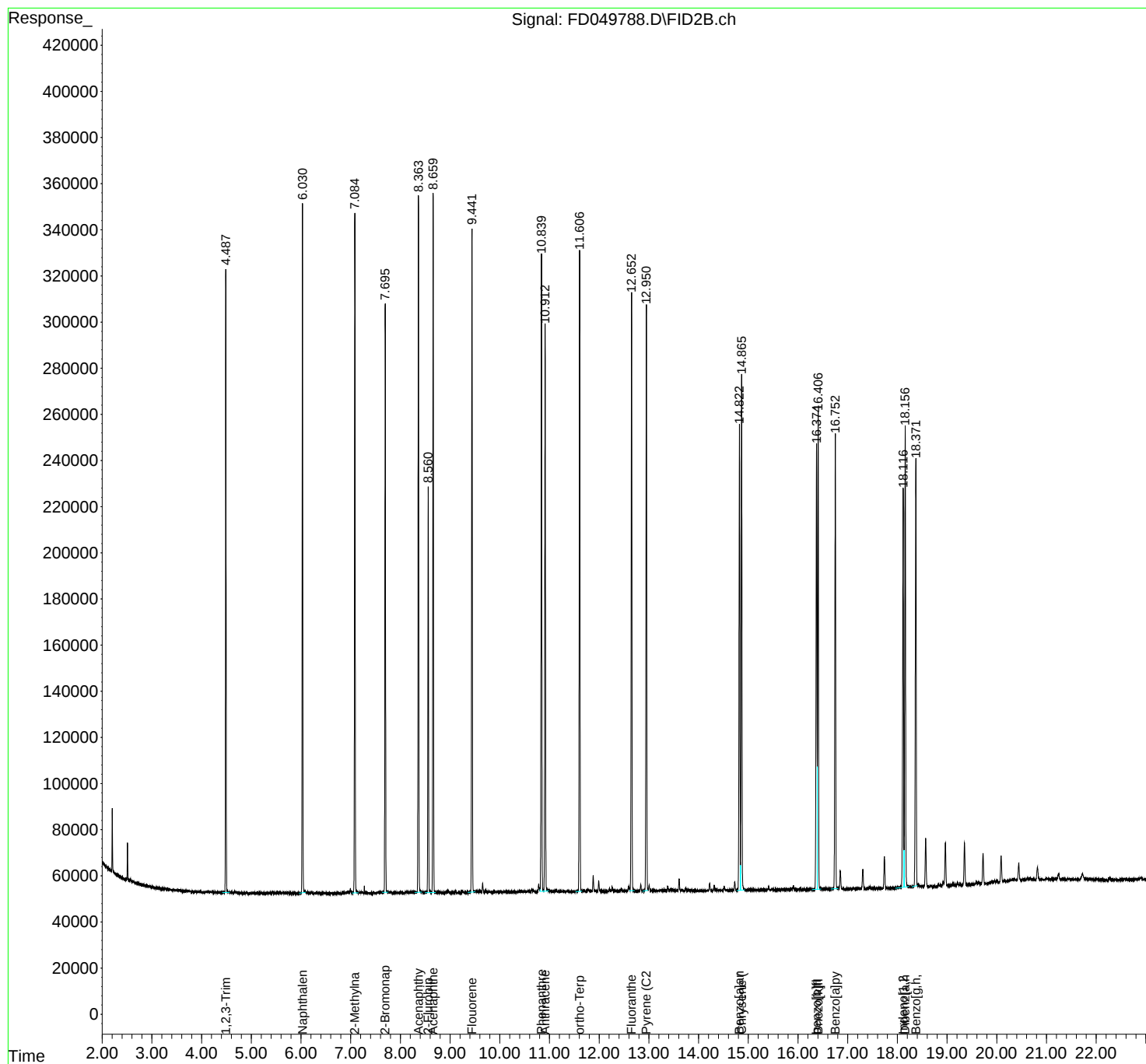
(m)=manual int.

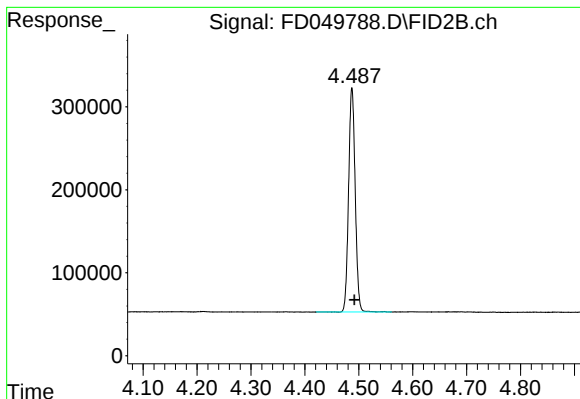
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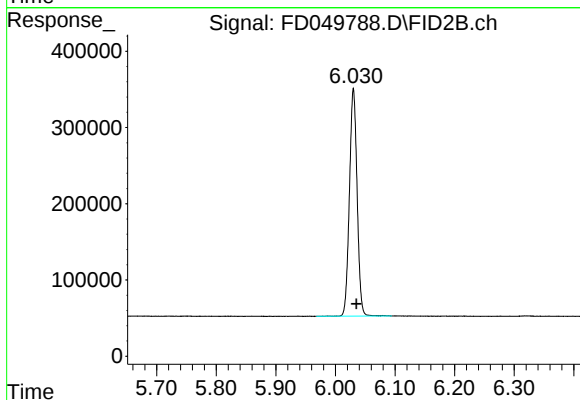




#1 1,2,3-Trimethylbenzene (C10.1)

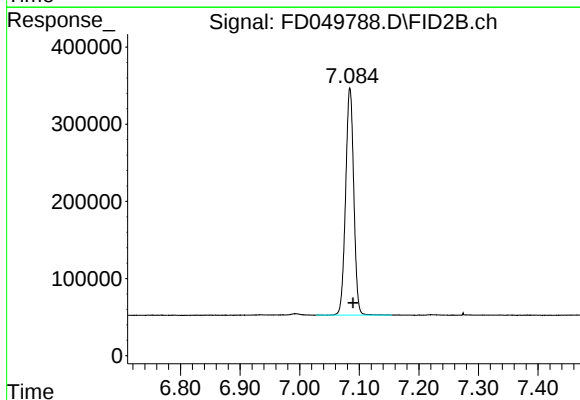
R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 2298452
Conc: 21.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



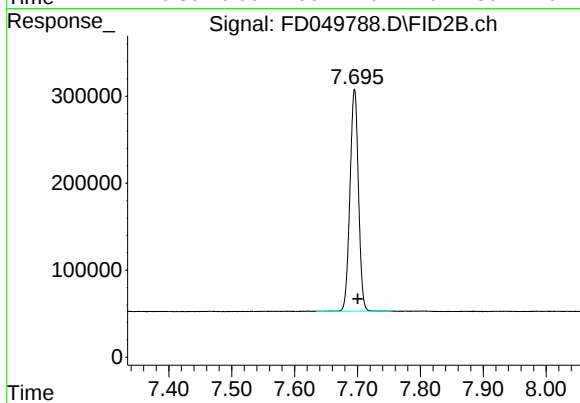
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 2664536
Conc: 21.43 ug/ml



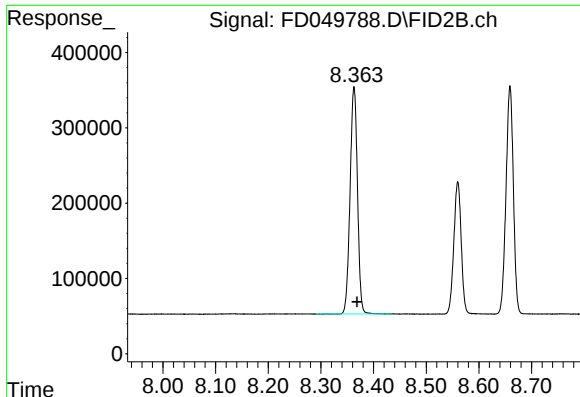
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 2796996
Conc: 21.46 ug/ml



#4 2-Bromonaphthalene (SURR)

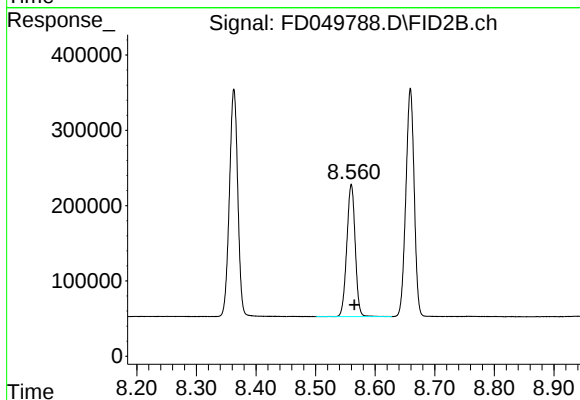
R.T.: 7.695 min
Delta R.T.: -0.005 min
Response: 2398303
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

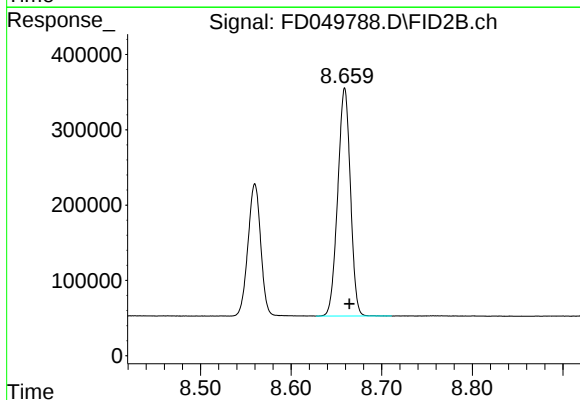
R.T.: 8.363 min
Delta R.T.: -0.006 min
Response: 2938048
Conc: 21.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



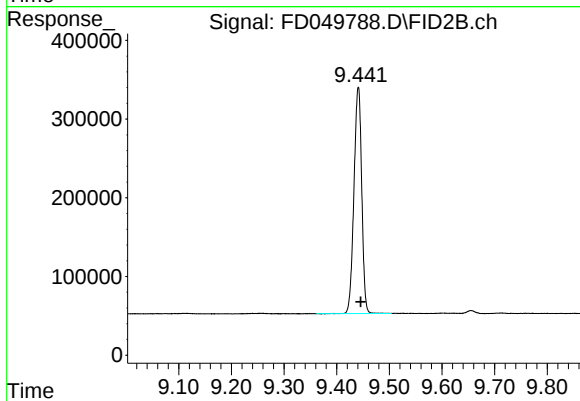
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1714721
Conc: 21.36 ug/ml



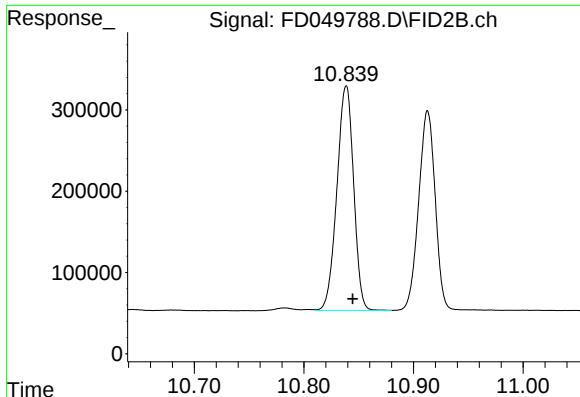
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.006 min
Response: 2939661
Conc: 21.21 ug/ml



#8 Fluorene (C16.55)

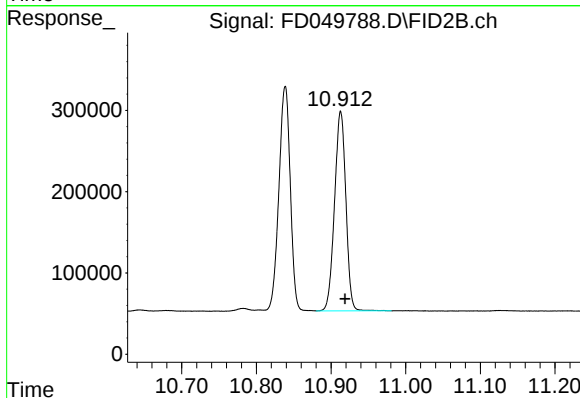
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 2942831
Conc: 21.22 ug/ml



#9 Phenanthrene (C19.36)

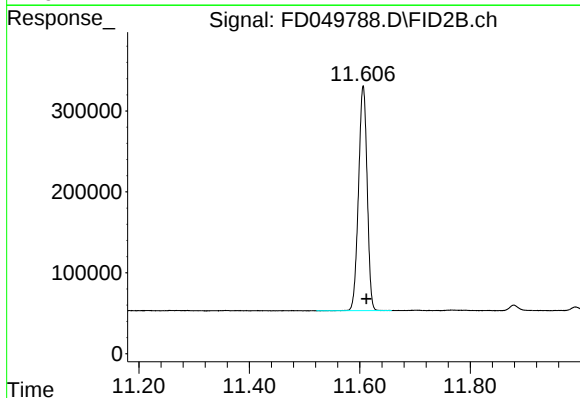
R.T.: 10.838 min
Delta R.T.: -0.006 min
Response: 2932132
Conc: 21.05 ug/ml

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20 PPM AROMATIC HC STD



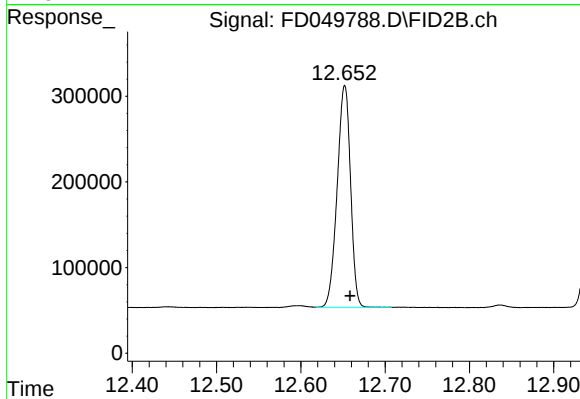
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2585175
Conc: 19.58 ug/ml



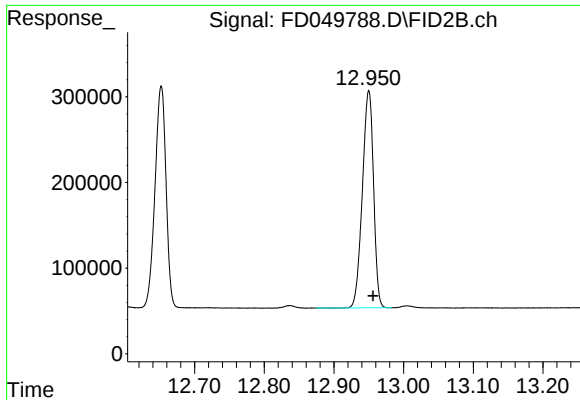
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 3007878
Conc: 21.26 ug/ml



#12 Fluoranthene (C21.85)

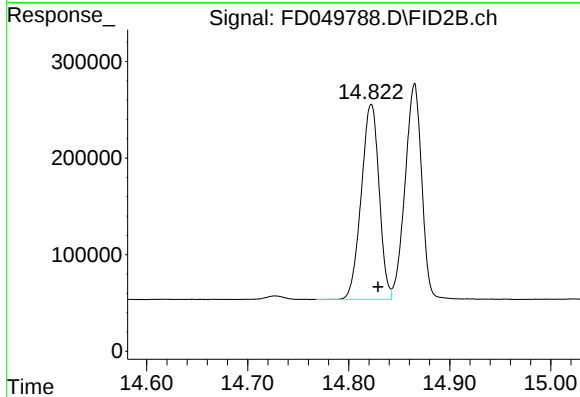
R.T.: 12.652 min
Delta R.T.: -0.007 min
Response: 2854909
Conc: 21.20 ug/ml



#13 Pyrene (C20.8)

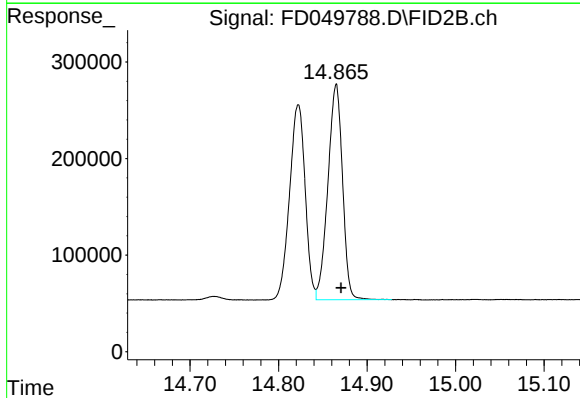
R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 2821886
Conc: 21.21 ug/ml

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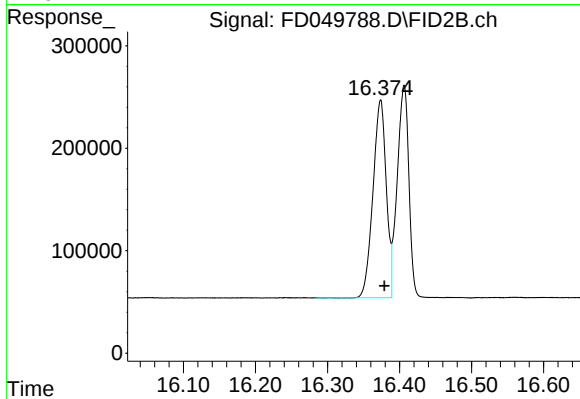
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.007 min
Response: 2479767
Conc: 20.74 ug/ml



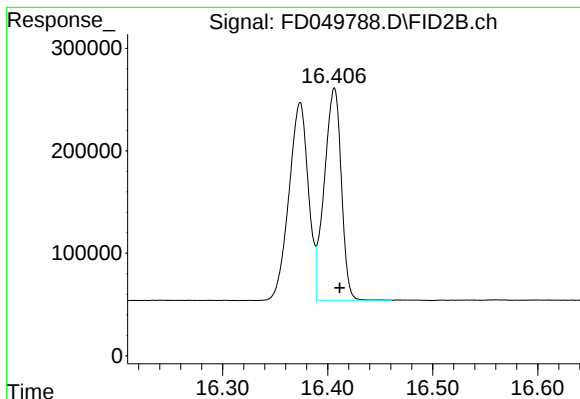
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.006 min
Response: 2557659
Conc: 21.02 ug/ml



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

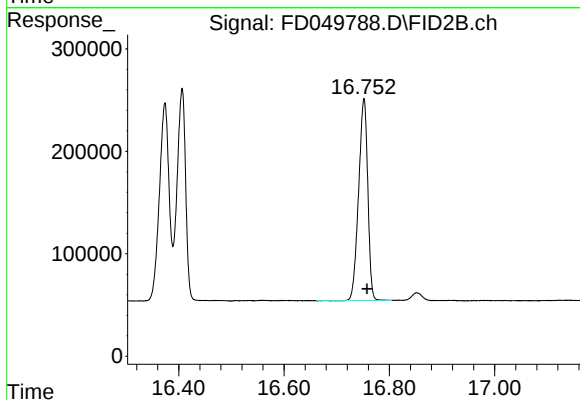
R.T.: 16.373 min
Delta R.T.: -0.005 min
Response: 2468734
Conc: 20.60 ug/ml



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

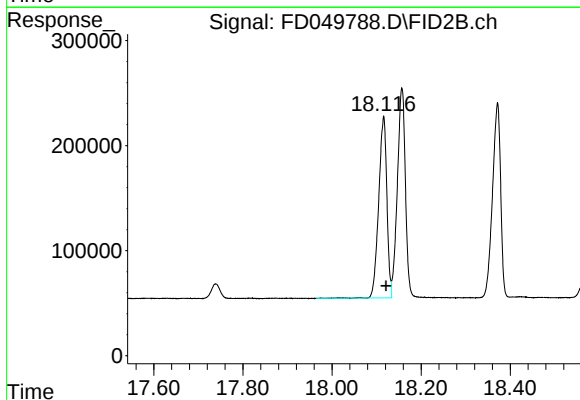
R.T.: 16.406 min
Delta R.T.: -0.005 min
Response: 2334251
Conc: 20.72 ug/ml

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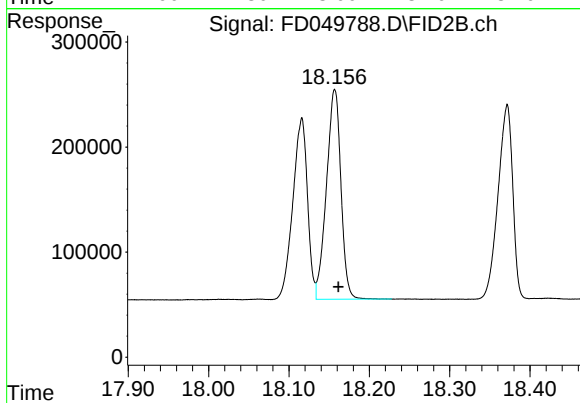
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.006 min
Response: 2374794
Conc: 20.24 ug/ml



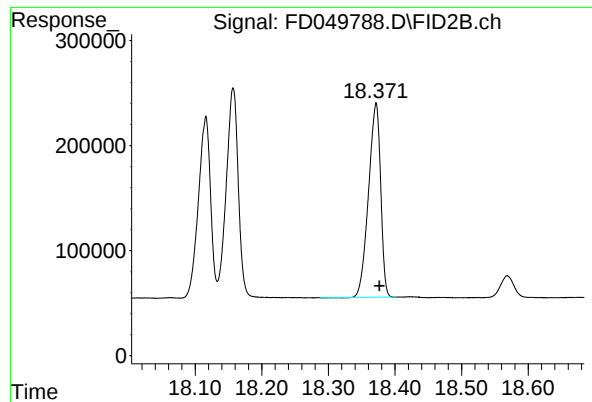
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: -0.006 min
Response: 2198563
Conc: 20.21 ug/ml



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

R.T.: 18.157 min
Delta R.T.: -0.005 min
Response: 2500361
Conc: 21.94 ug/ml



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

R.T.: 18.371 min
Delta R.T.: -0.005 min
Response: 2335915
Conc: 20.08 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD