

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052125AR\
 Data File : FD049371.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2025 11:59
 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: May 21 13:23:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.737	2098405	17.698 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
6) S 2-Fluorobiphenyl (SURR)	8.602	1445153	18.300 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.60%
11) S ortho-Terphenyl (SURR)	11.647	2426509	17.581 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2169898	17.379 ug/ml
2) T Naphthalene (C11.7)	6.073	2316113	17.519 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2293388	17.778 ug/ml
5) T Acenaphthylene (C15.06)	8.406	2441660	17.296 ug/ml
7) T Acenaphthene (C15.5)	8.701	2402532	17.535 ug/ml
8) T Fluorene (C16.55)	9.482	2449645	17.997 ug/ml
9) T Phenanthrene (C19.36)	10.880	2396074	17.772 ug/ml
10) T Anthracene (C19.43)	10.954	1863417	15.756 ug/ml
12) T Fluoranthene (C21.85)	12.694	2393276	17.759 ug/ml
13) T Pyrene (C20.8)	12.993	2392463	17.686 ug/ml
14) T Benzo[a]anthracene (C...	14.863	2106412	18.389 ug/ml
15) T Chrysene (C27.41)	14.905	2173323	18.621 ug/ml
16) T benzo[b]fluoranthene ...	16.414	2204775	18.163 ug/ml
17) T Bnezo[k]fluoranthene ...	16.446	2157201	18.088 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2000191	17.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	1960855	17.868 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	2271017	21.503 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2111717	17.720 ug/ml

(f)=RT Delta > 1/2 Window

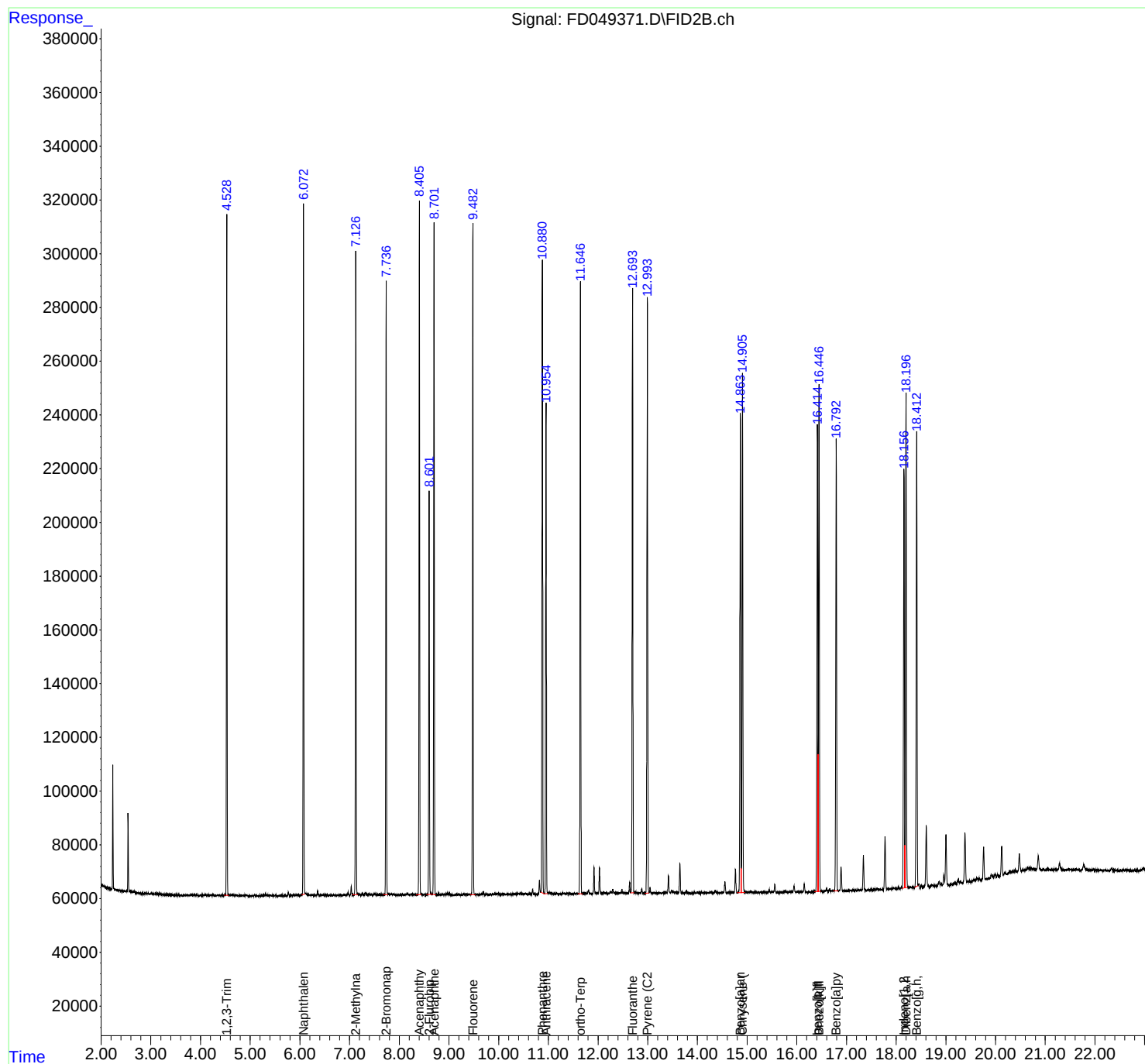
(m)=manual int.

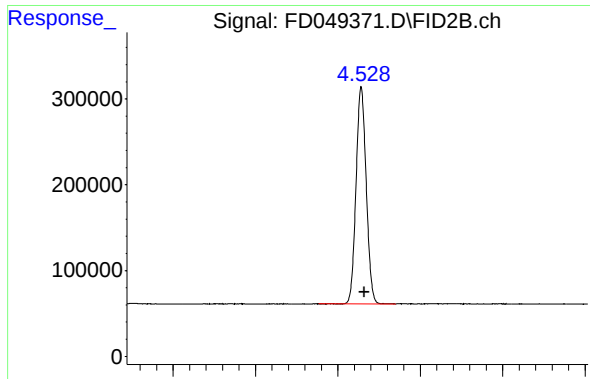
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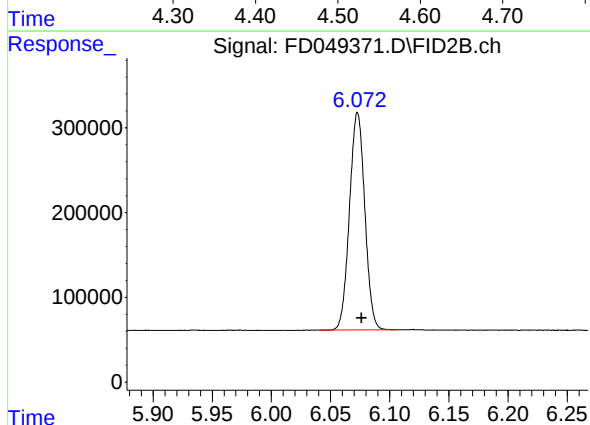




#1 1,2,3-Trimethylbenzene (C10.1)

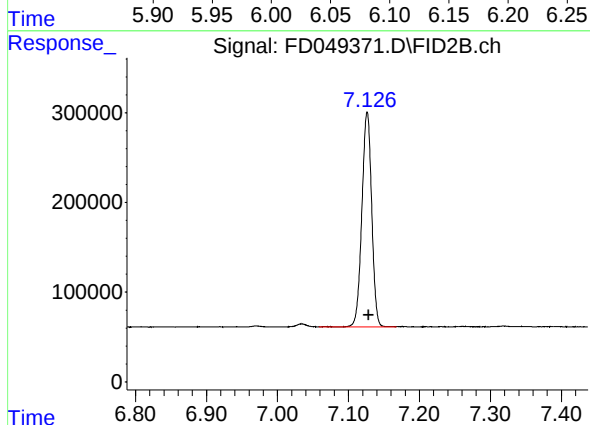
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 2169898
Conc: 17.38 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



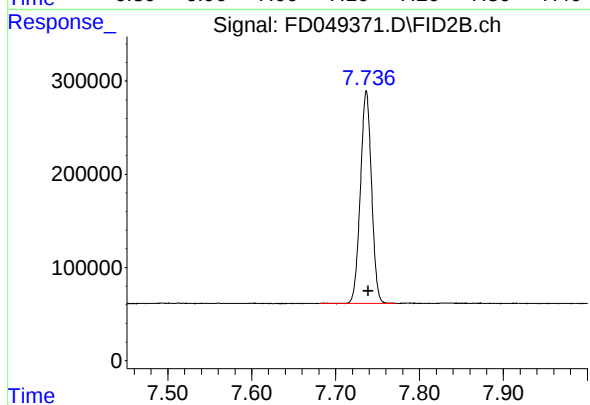
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 2316113
Conc: 17.52 ug/ml



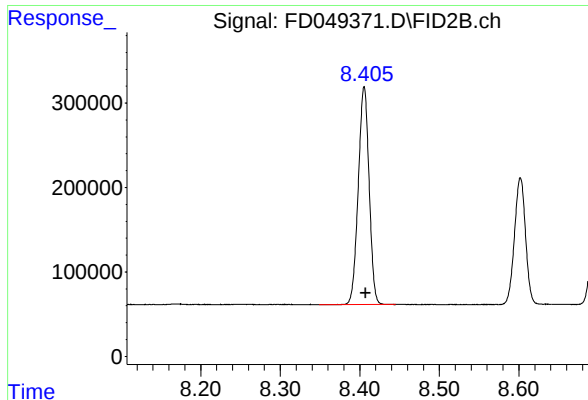
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 2293388
Conc: 17.78 ug/ml



#4 2-Bromonaphthalene (SURR)

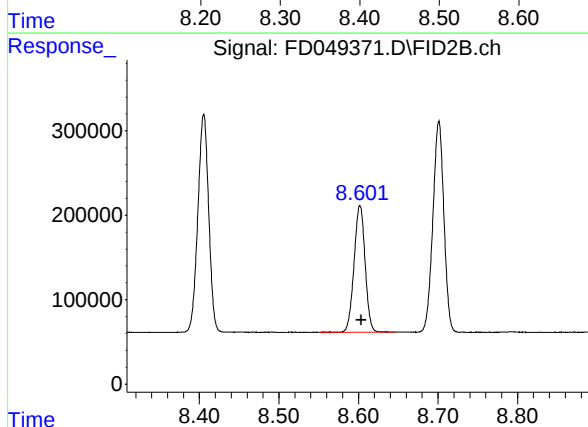
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 2098405
Conc: 17.70 ug/ml



#5 Acenaphthylene (C15.06)

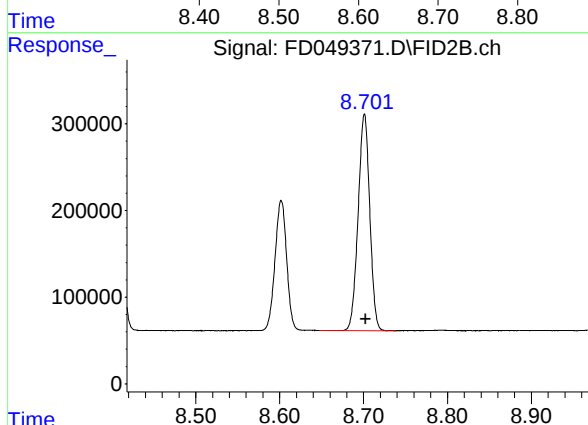
R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 2441660
Conc: 17.30 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



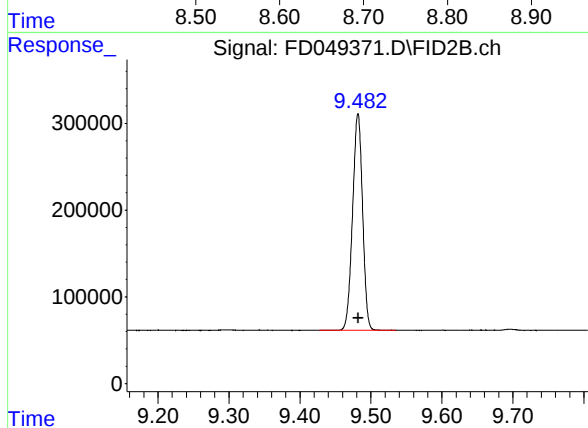
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: -0.002 min
Response: 1445153
Conc: 18.30 ug/ml



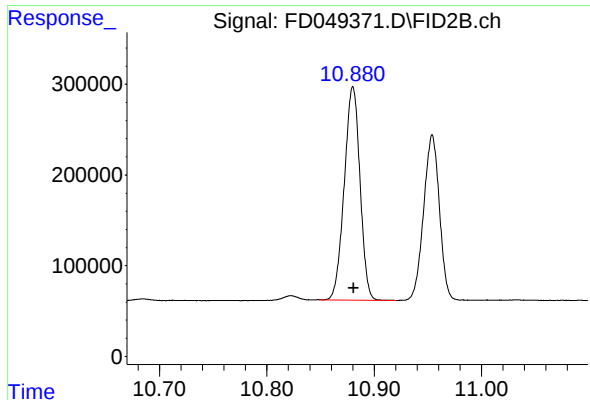
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: -0.001 min
Response: 2402532
Conc: 17.54 ug/ml



#8 Flouorene (C16.55)

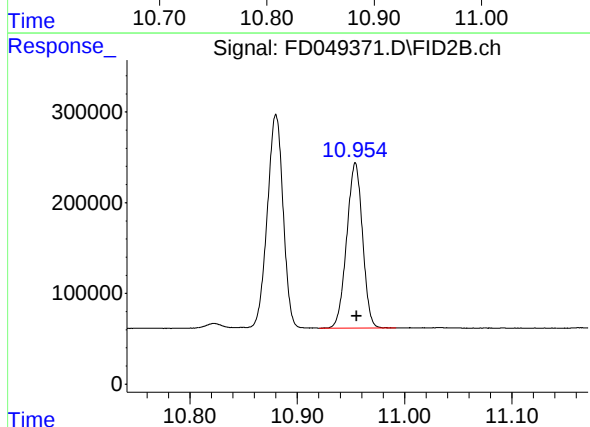
R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 2449645
Conc: 18.00 ug/ml



#9 Phenanthrene (C19.36)

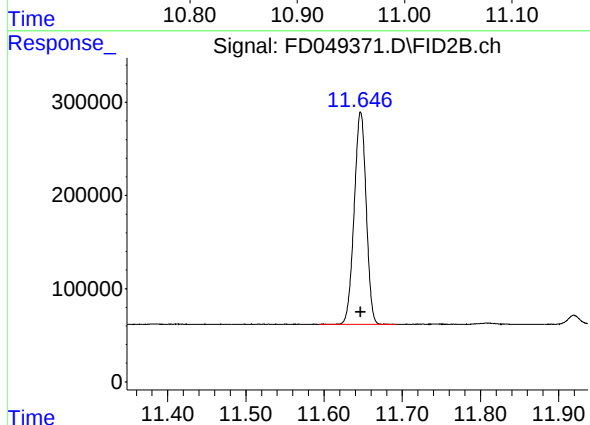
R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 2396074
Conc: 17.77 ug/ml

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20 PPM AROMATIC HC STD



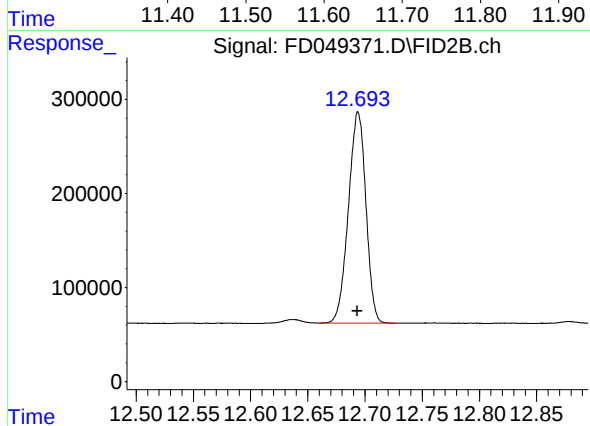
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: 0.000 min
Response: 1863417
Conc: 15.76 ug/ml



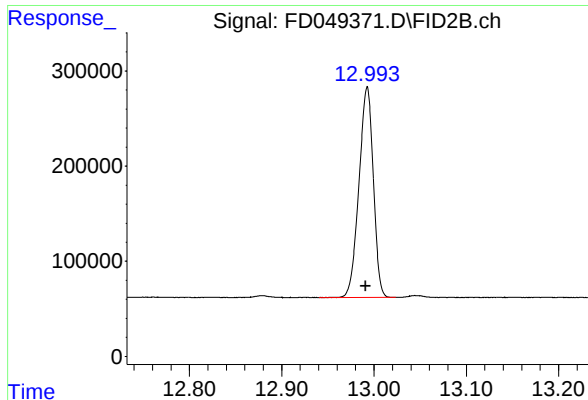
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 2426509
Conc: 17.58 ug/ml



#12 Fluoranthene (C21.85)

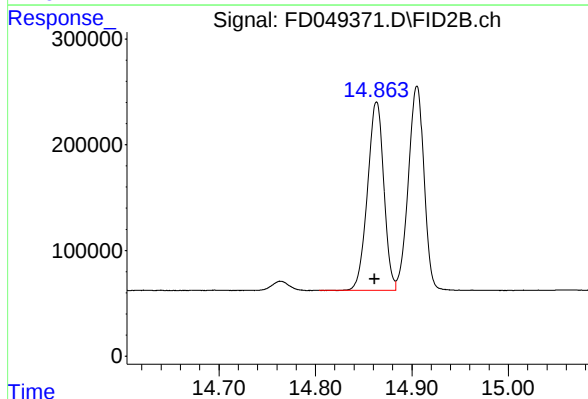
R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 2393276
Conc: 17.76 ug/ml



#13 Pyrene (C20.8)

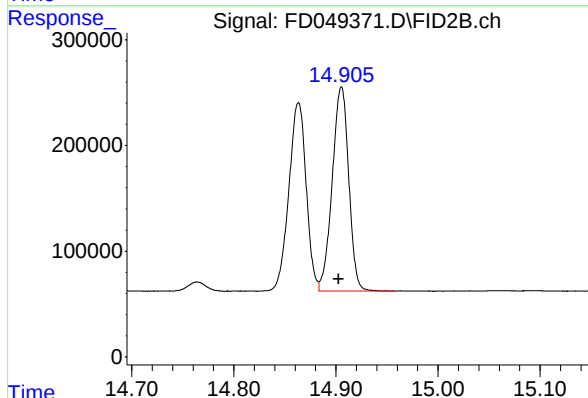
R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2392463
Conc: 17.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



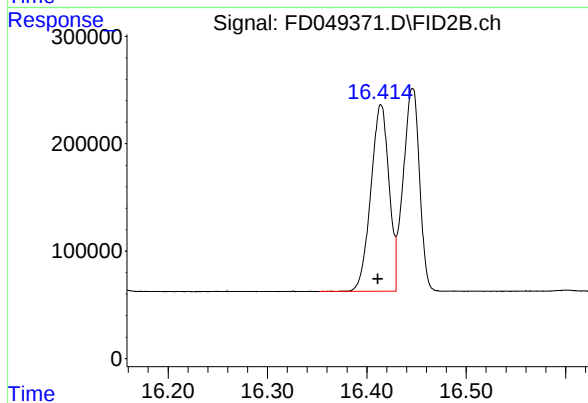
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.002 min
Response: 2106412
Conc: 18.39 ug/ml



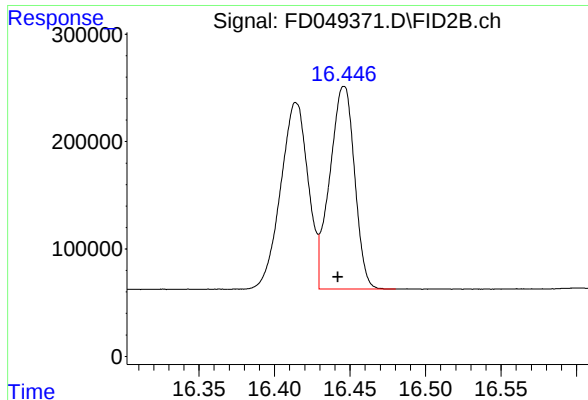
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.003 min
Response: 2173323
Conc: 18.62 ug/ml



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

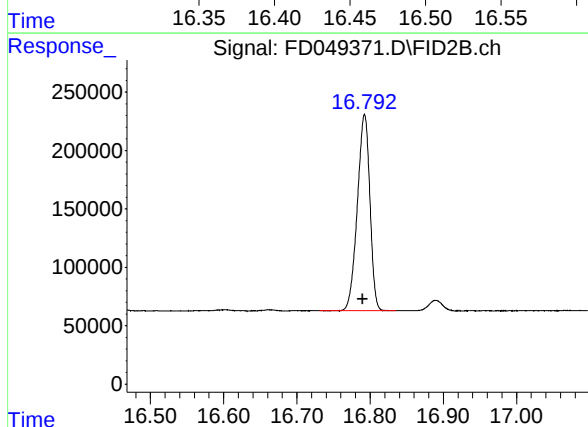
R.T.: 16.414 min
Delta R.T.: 0.003 min
Response: 2204775
Conc: 18.16 ug/ml



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

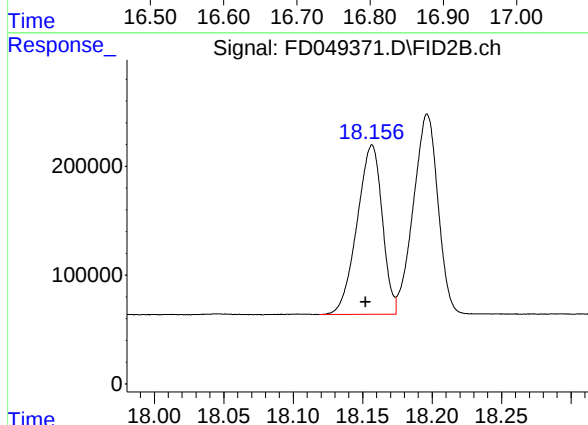
R.T.: 16.446 min
Delta R.T.: 0.004 min
Response: 2157201
Conc: 18.09 ug/ml

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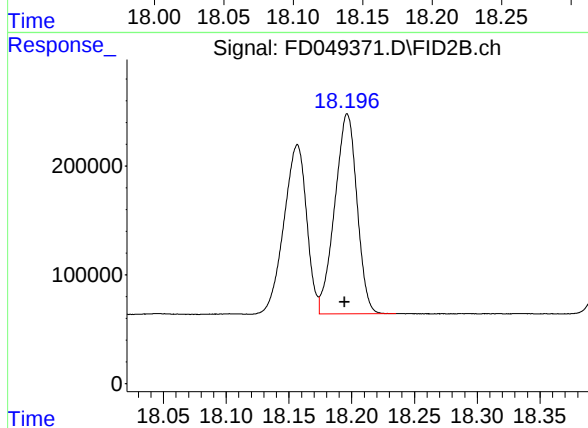
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.003 min
Response: 2000191
Conc: 17.40 ug/ml



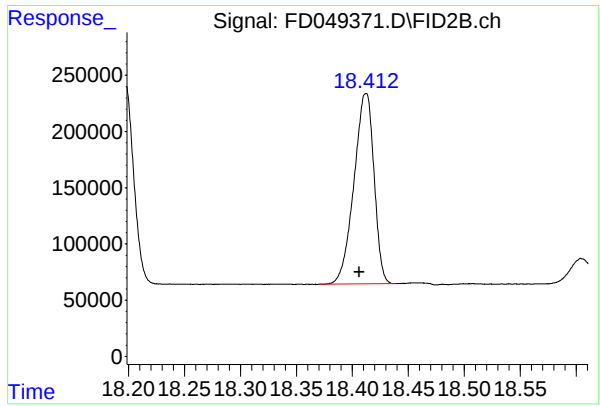
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min
Delta R.T.: 0.005 min
Response: 1960855
Conc: 17.87 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.002 min
Response: 2271017
Conc: 21.50 ug/ml



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

R.T.: 18.412 min
Delta R.T.: 0.006 min
Response: 2111717
Conc: 17.72 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD