

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049350.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 13:14
 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 03:13:23 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...	7.734	2520723	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
6) S 2-Fluorobiphenyl (SURR)	8.599	1681439	21.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.58%
11) S ortho-Terphenyl (SURR)	11.646	3120626	22.610 ug/ml
Spiked Amount 50.000		Recovery =	45.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2476290	19.833 ug/ml
2) T Naphthalene (C11.7)	6.069	2661780	20.134 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	2689745	20.850 ug/ml
5) T Acenaphthylene (C15.06)	8.403	2965235	21.005 ug/ml
7) T Acenaphthene (C15.5)	8.699	2925316	21.351 ug/ml
8) T Flouorene (C16.55)	9.480	2941196	21.608 ug/ml
9) T Phenanthrene (C19.36)	10.880	2871092	21.295 ug/ml
10) T Anthracene (C19.43)	10.953	2163466	18.293 ug/ml
12) T Fluoranthene (C21.85)	12.694	2840940	21.081 ug/ml
13) T Pyrene (C20.8)	12.993	2813570	20.799 ug/ml
14) T Benzo[a]anthracene (C...	14.864	2276477	19.874 ug/ml
15) T Chrysene (C27.41)	14.906	2367929	20.288 ug/ml
16) T benzo[b]fluoranthene ...	16.414	2366013	19.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.446	2288041	19.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2087841	18.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	1987635	18.112 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	2253685	21.339 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2141471	17.970 ug/ml

(f)=RT Delta > 1/2 Window

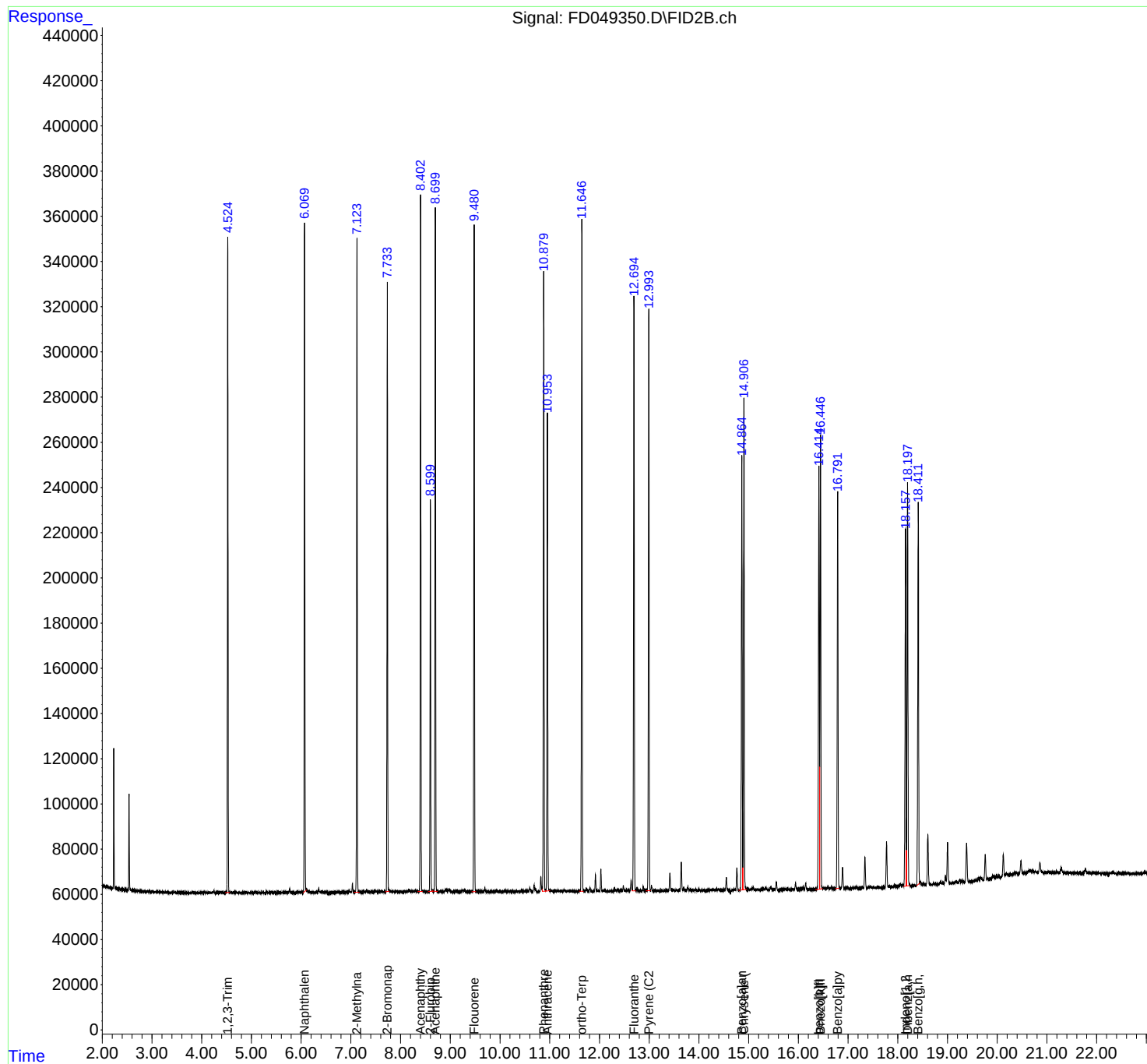
(m)=manual int.

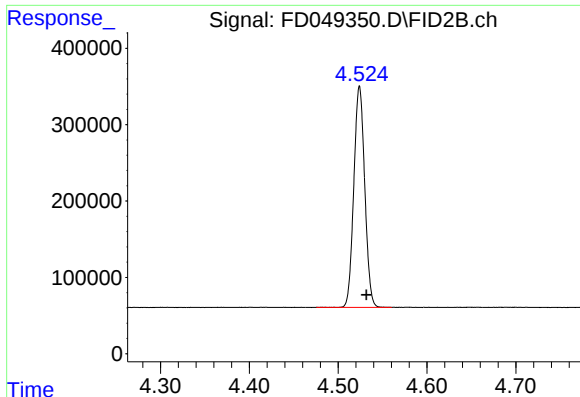
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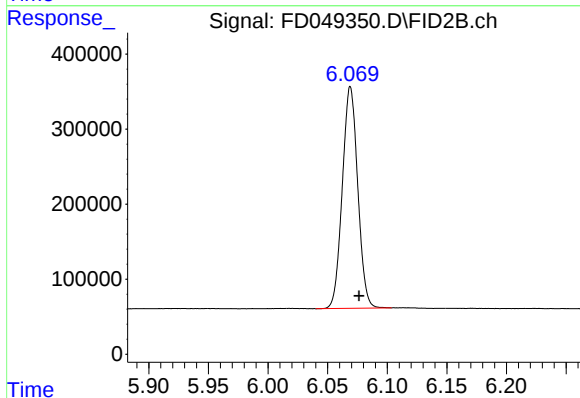




#1 1,2,3-Trimethylbenzene (C10.1)

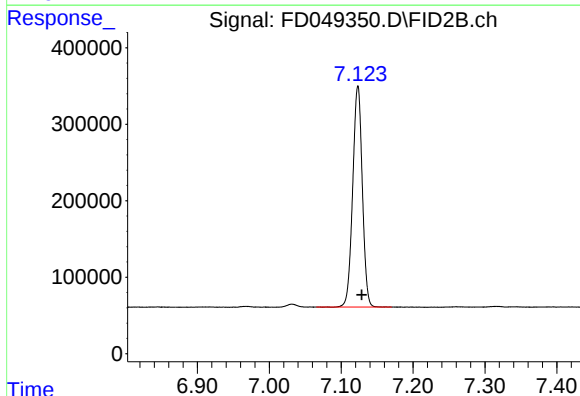
R.T.: 4.524 min
Delta R.T.: -0.008 min
Response: 2476290
Conc: 19.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



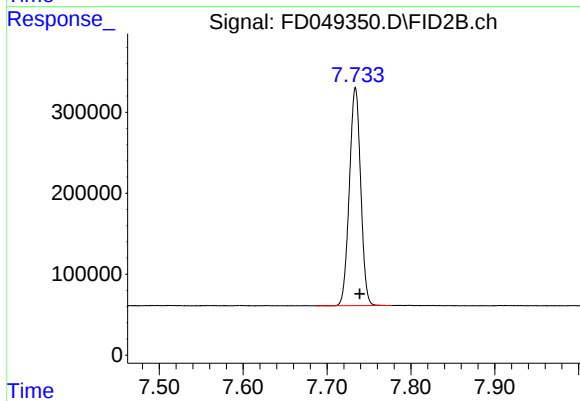
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 2661780
Conc: 20.13 ug/ml



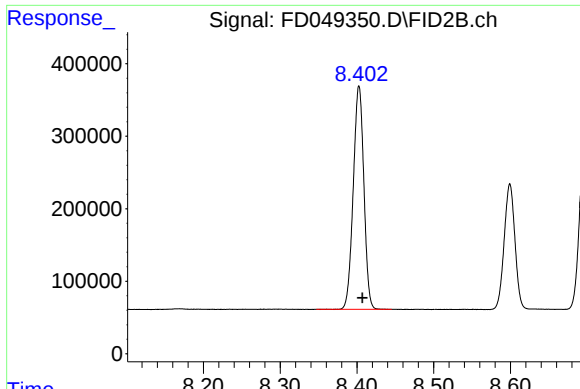
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 2689745
Conc: 20.85 ug/ml



#4 2-Bromonaphthalene (SURR)

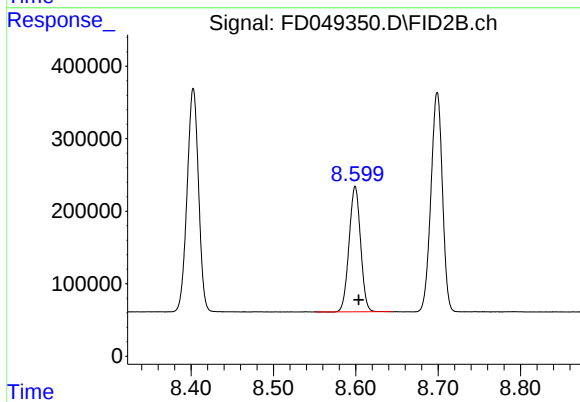
R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 2520723
Conc: 21.26 ug/ml



#5 Acenaphthylene (C15.06)

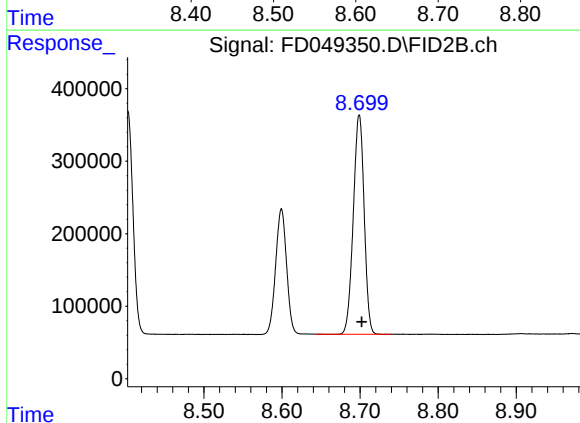
R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 2965235
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



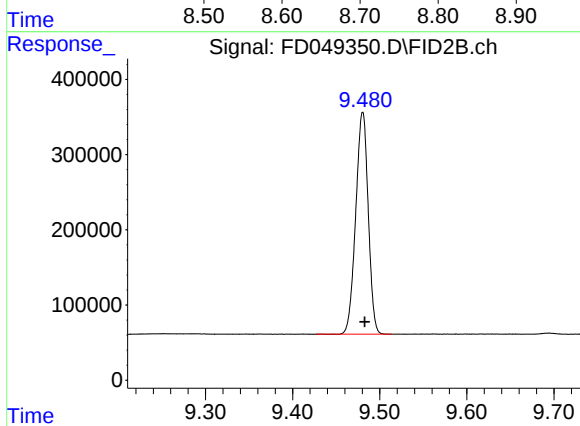
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 1681439
Conc: 21.29 ug/ml



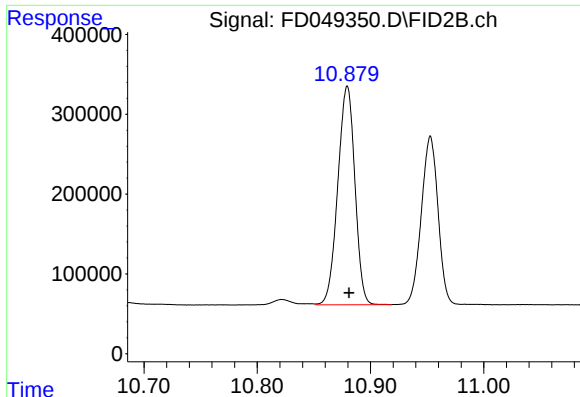
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: -0.003 min
Response: 2925316
Conc: 21.35 ug/ml



#8 Fluorene (C16.55)

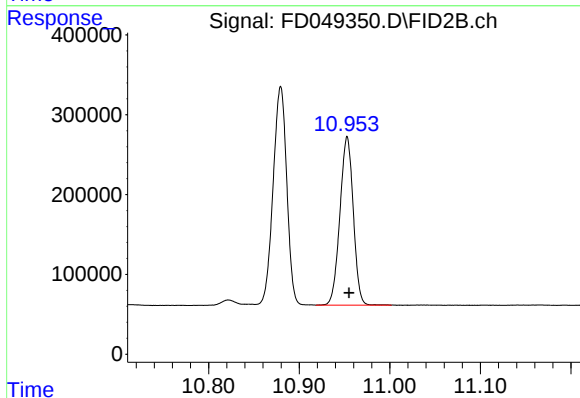
R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 2941196
Conc: 21.61 ug/ml



#9 Phenanthrene (C19.36)

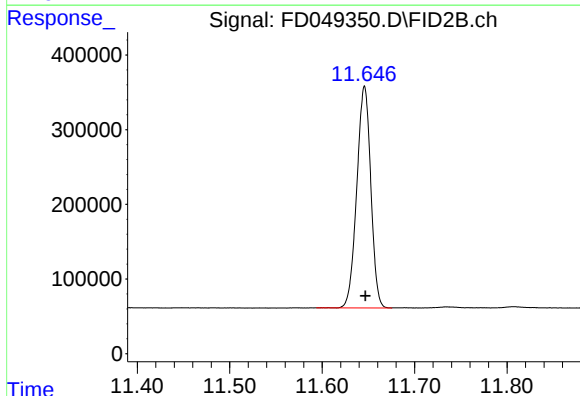
R.T.: 10.880 min
Delta R.T.: -0.001 min
Response: 2871092
Conc: 21.30 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



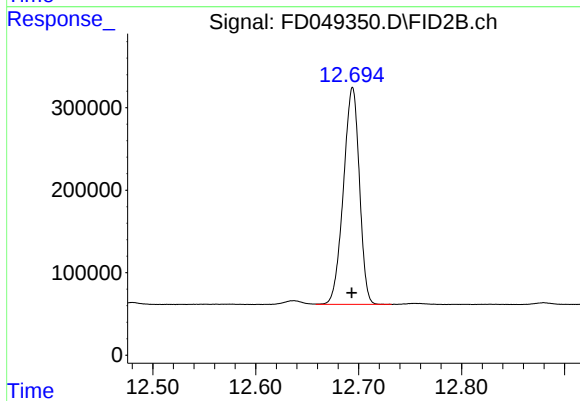
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.002 min
Response: 2163466
Conc: 18.29 ug/ml



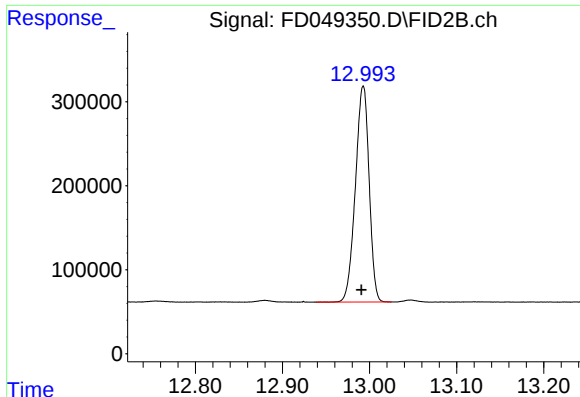
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.001 min
Response: 3120626
Conc: 22.61 ug/ml



#12 Fluoranthene (C21.85)

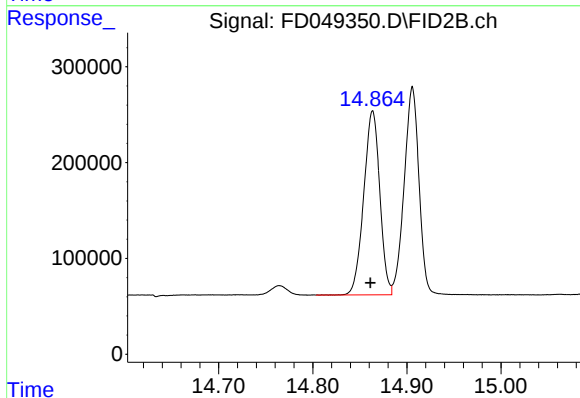
R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 2840940
Conc: 21.08 ug/ml



#13 Pyrene (C20.8)

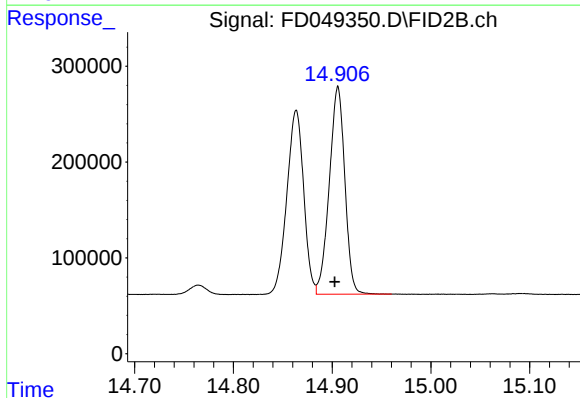
R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2813570
Conc: 20.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



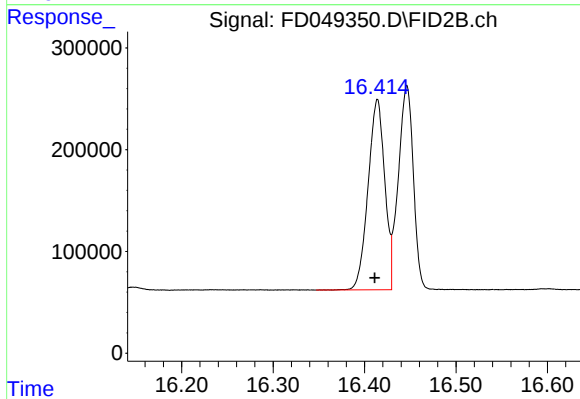
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.002 min
Response: 2276477
Conc: 19.87 ug/ml



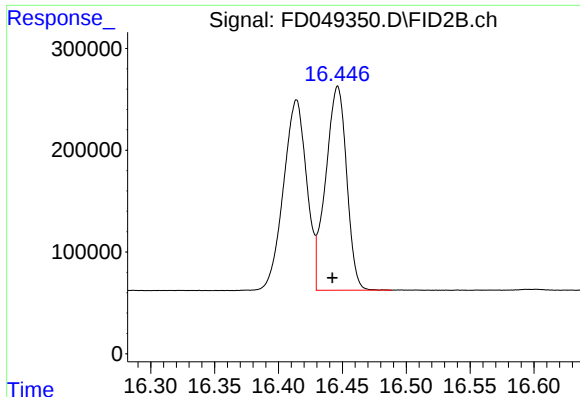
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: 0.003 min
Response: 2367929
Conc: 20.29 ug/ml



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

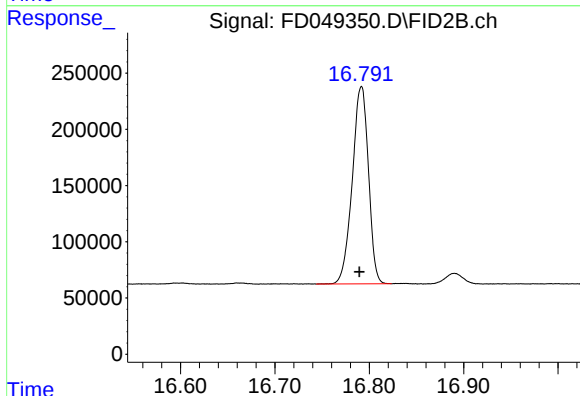
R.T.: 16.414 min
Delta R.T.: 0.003 min
Response: 2366013
Conc: 19.49 ug/ml



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

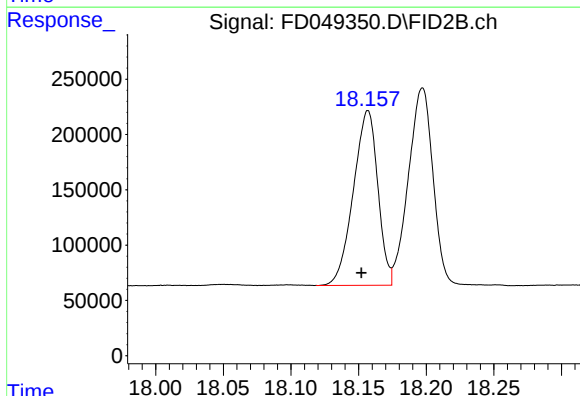
R.T.: 16.446 min
Delta R.T.: 0.004 min
Response: 2288041
Conc: 19.18 ug/ml

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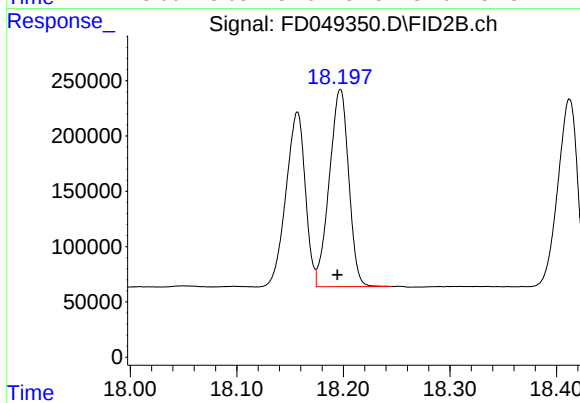
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.002 min
Response: 2087841
Conc: 18.16 ug/ml



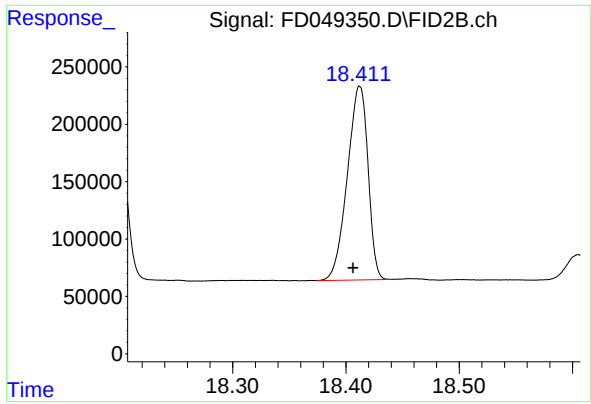
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min
Delta R.T.: 0.005 min
Response: 1987635
Conc: 18.11 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.003 min
Response: 2253685
Conc: 21.34 ug/ml



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

R.T.: 18.412 min
Delta R.T.: 0.006 min
Response: 2141471
Conc: 17.97 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD