

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
 Data File : FD049343.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2025 16:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 02:52:19 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

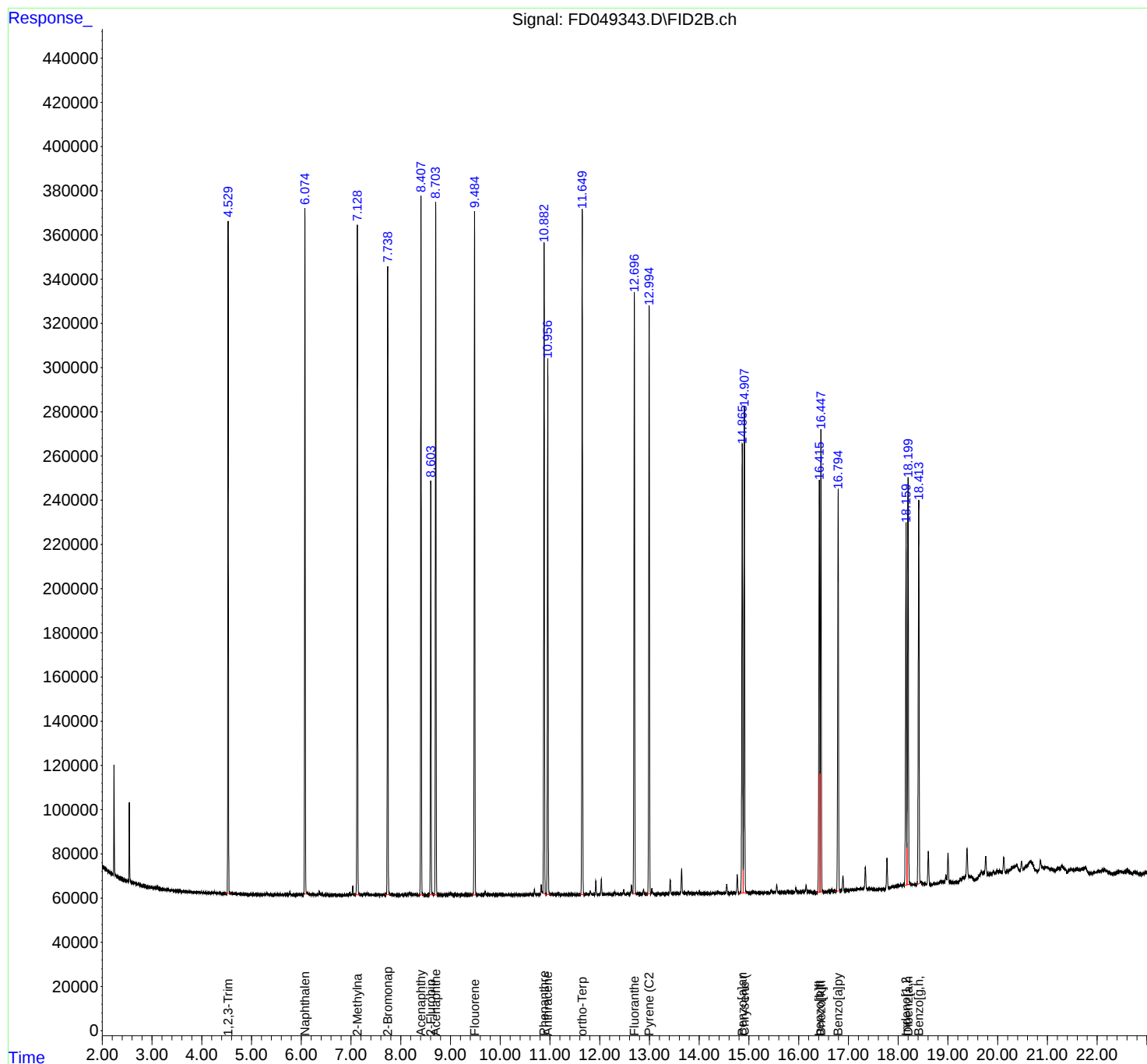
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.738	2658982	22.425 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
6) S 2-Fluorobiphenyl (SURR)	8.604	1793403	22.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.42%
11) S ortho-Terphenyl (SURR)	11.649	3241507	23.486 ug/ml
Spiked Amount 50.000		Recovery =	46.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2588097	20.728 ug/ml
2) T Naphthalene (C11.7)	6.074	2808314	21.242 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	2846592	22.066 ug/ml
5) T Acenaphthylene (C15.06)	8.408	3093738	21.916 ug/ml
7) T Acenaphthene (C15.5)	8.703	3053138	22.284 ug/ml
8) T Flouorene (C16.55)	9.485	3104979	22.811 ug/ml
9) T Phenanthrene (C19.36)	10.882	2990038	22.178 ug/ml
10) T Anthracene (C19.43)	10.956	2463403	20.829 ug/ml
12) T Fluoranthene (C21.85)	12.696	2925618	21.709 ug/ml
13) T Pyrene (C20.8)	12.994	2891274	21.373 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2410598	21.045 ug/ml
15) T Chrysene (C27.41)	14.907	2464895	21.119 ug/ml
16) T benzo[b]fluoranthene ...	16.415	2391616	19.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2335350	19.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2159274	18.779 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2022483	18.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2267204	21.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2174111	18.244 ug/ml

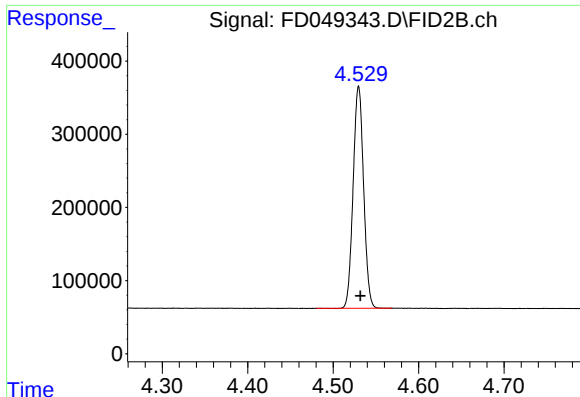
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

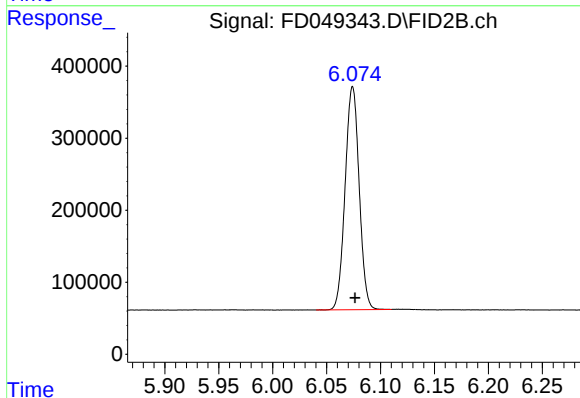




#1 1,2,3-Trimethylbenzene (C10.1)

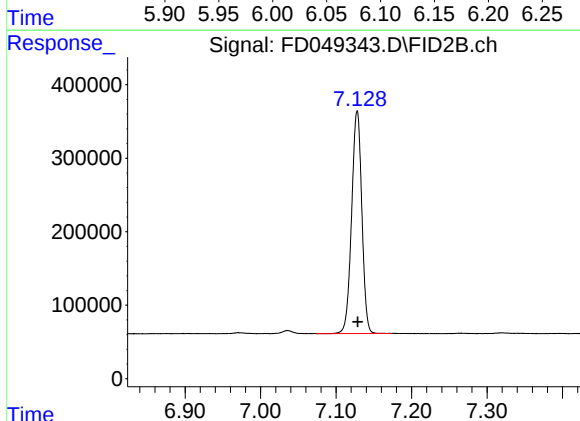
R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 2588097
Conc: 20.73 ug/ml

Instrument :
FID_D
ClientSampleId :



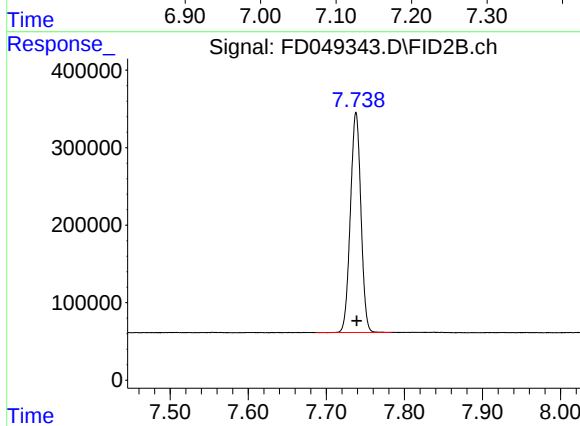
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 2808314
Conc: 21.24 ug/ml



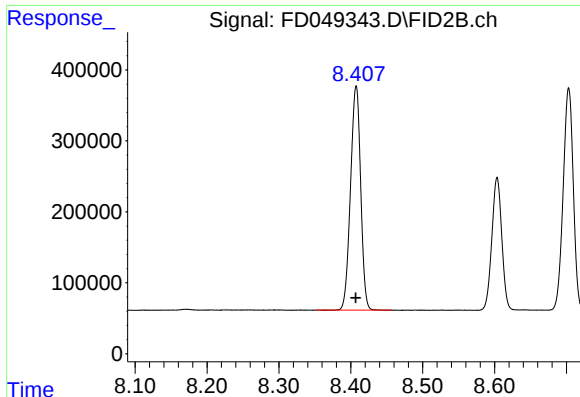
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 2846592
Conc: 22.07 ug/ml



#4 2-Bromonaphthalene (SURR)

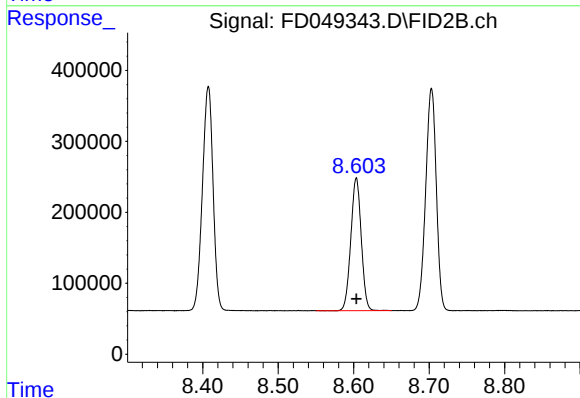
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 2658982
Conc: 22.43 ug/ml



#5 Acenaphthylene (C15.06)

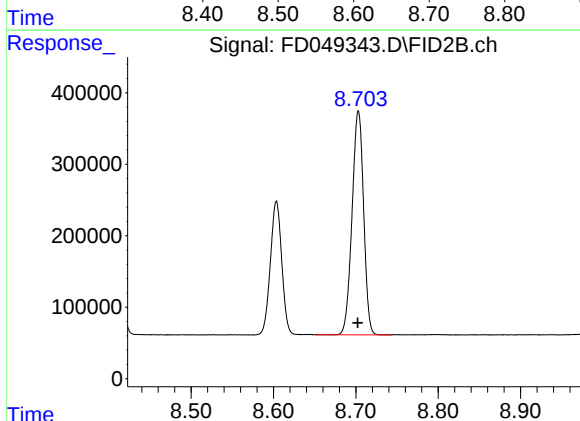
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3093738
Conc: 21.92 ug/ml

Instrument :
FID_D
ClientSampleId :



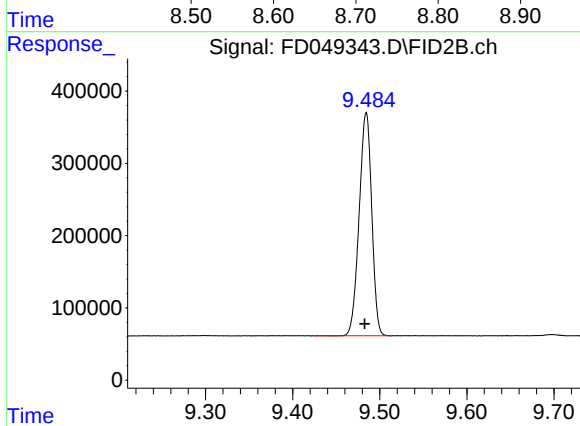
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 1793403
Conc: 22.71 ug/ml



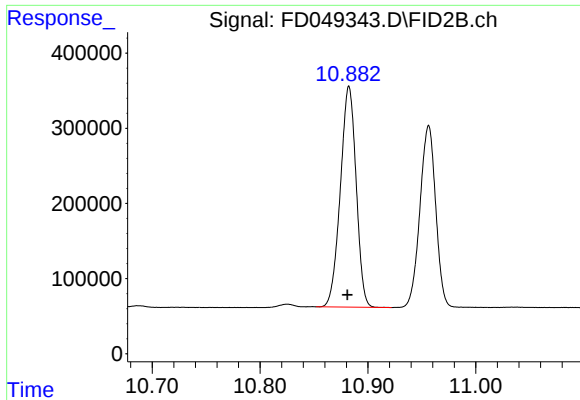
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 3053138
Conc: 22.28 ug/ml



#8 Flouorene (C16.55)

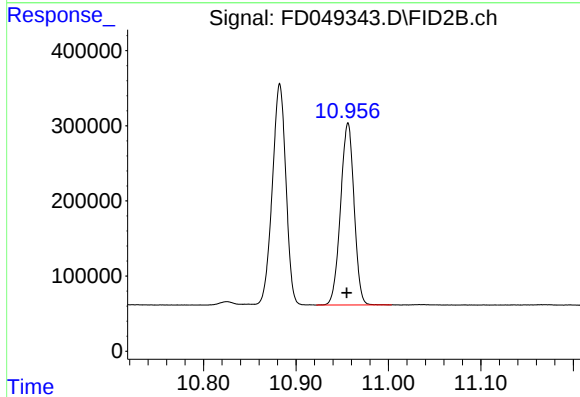
R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 3104979
Conc: 22.81 ug/ml



#9 Phenanthrene (C19.36)

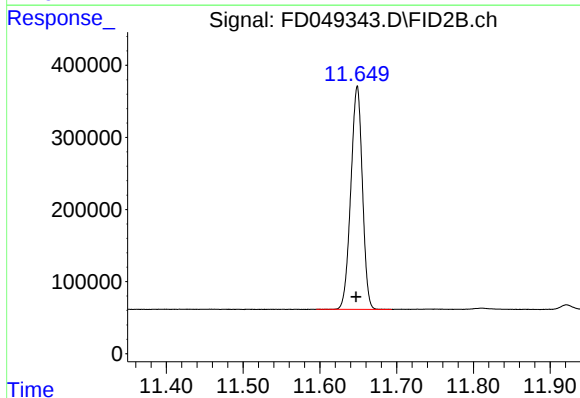
R.T.: 10.882 min
Delta R.T.: 0.002 min
Response: 2990038
Conc: 22.18 ug/ml

Instrument :
FID_D
ClientSampleId :



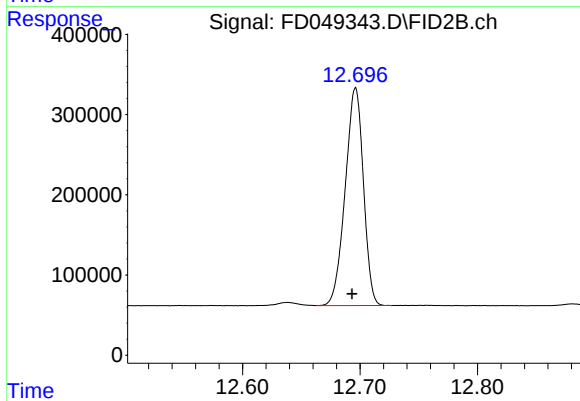
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.001 min
Response: 2463403
Conc: 20.83 ug/ml



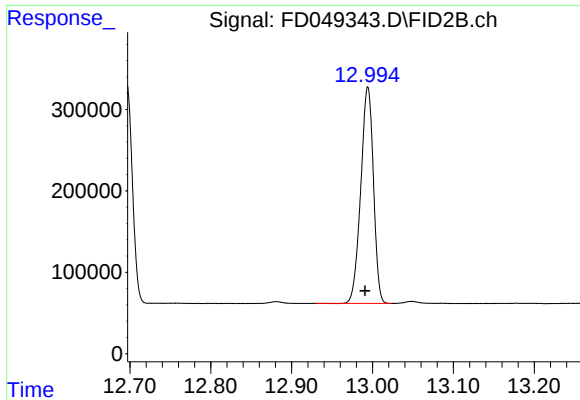
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 3241507
Conc: 23.49 ug/ml



#12 Fluoranthene (C21.85)

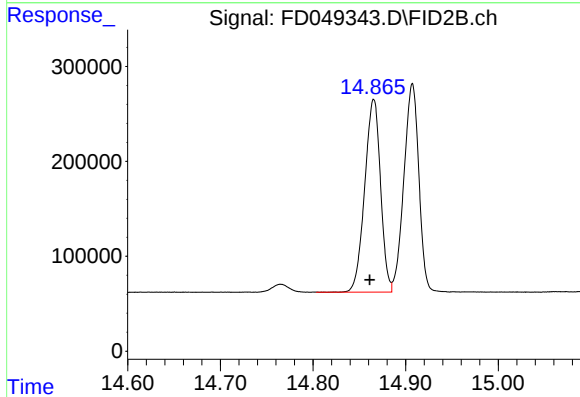
R.T.: 12.696 min
Delta R.T.: 0.003 min
Response: 2925618
Conc: 21.71 ug/ml



#13 Pyrene (C20.8)

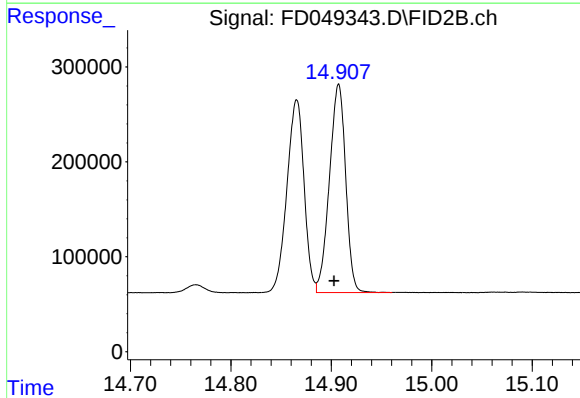
R.T.: 12.994 min
Delta R.T.: 0.004 min
Response: 2891274
Conc: 21.37 ug/ml

Instrument :
FID_D
ClientSampleId :



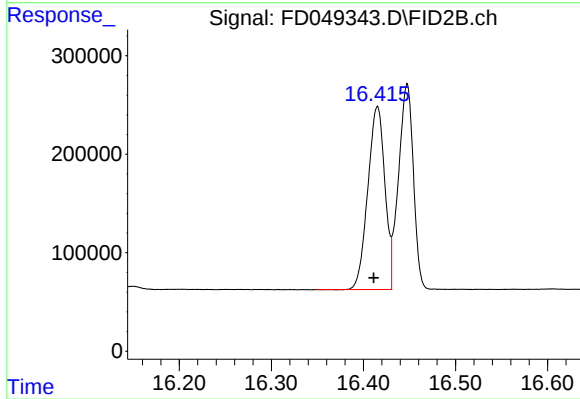
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.004 min
Response: 2410598
Conc: 21.05 ug/ml



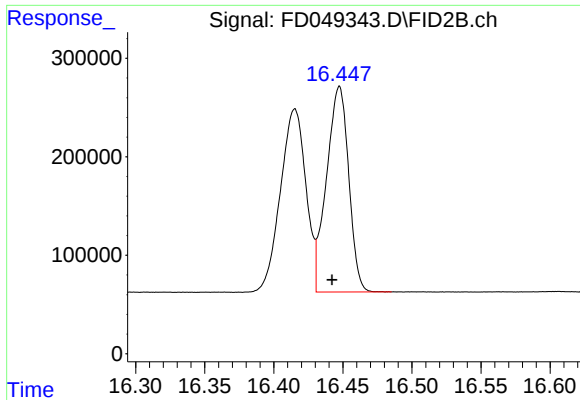
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.005 min
Response: 2464895
Conc: 21.12 ug/ml



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

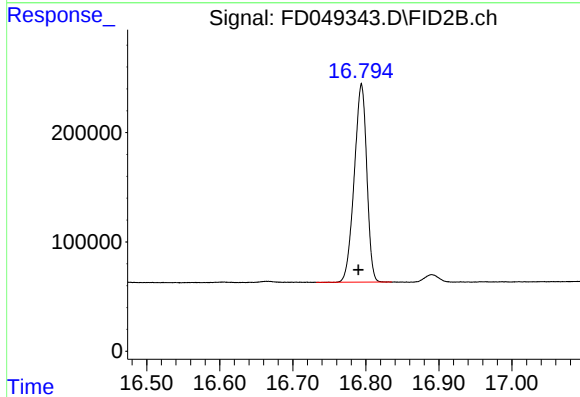
R.T.: 16.415 min
Delta R.T.: 0.004 min
Response: 2391616
Conc: 19.70 ug/ml



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

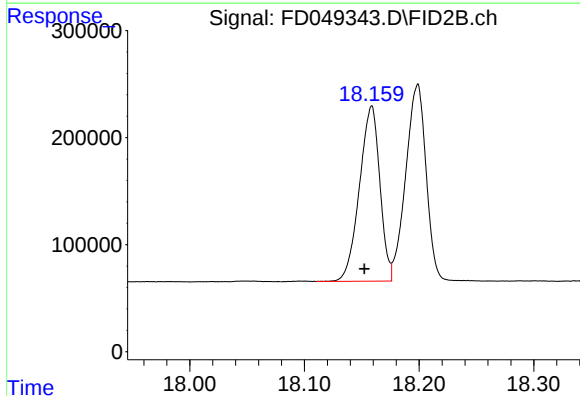
R.T.: 16.447 min
Delta R.T.: 0.005 min
Response: 2335350
Conc: 19.58 ug/ml

Instrument :
FID_D
ClientSampleId :



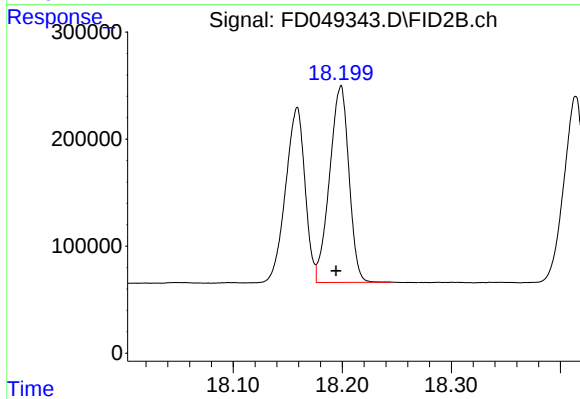
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.004 min
Response: 2159274
Conc: 18.78 ug/ml



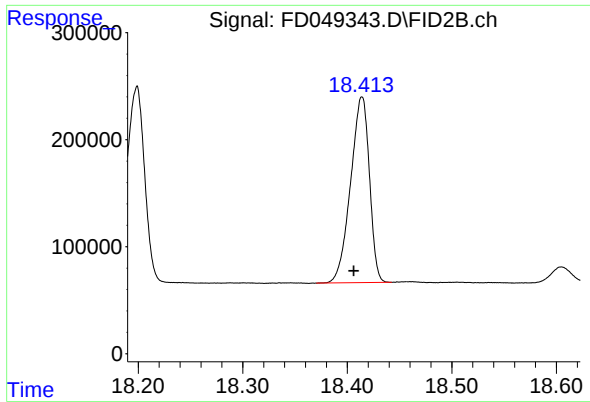
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.006 min
Response: 2022483
Conc: 18.43 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.004 min
Response: 2267204
Conc: 21.47 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.008 min
Response: 2174111
Conc: 18.24 ug/ml

Instrument :

FID_D

ClientSampleId :