

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049606.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 11:22
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 11 12:32:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 12:28:11 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...	7.716	5149719	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
6) S 2-Fluorobiphenyl (SURR)	8.582	3690104	50.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.54%
11) S ortho-Terphenyl (SURR)	11.628	6490866	50.325 ug/ml
Spiked Amount 50.000		Recovery =	100.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	4987840	49.875 ug/ml
2) T Naphthalene (C11.7)	6.052	5718435	50.050 ug/ml
3) T 2-Methylnaphthalene (...)	7.107	5978513	50.096 ug/ml
5) T Acenaphthylene (C15.06)	8.386	6294153	50.189 ug/ml
7) T Acenaphthene (C15.5)	8.683	6301217	50.252 ug/ml
8) T Flouorene (C16.55)	9.464	6371712	50.295 ug/ml
9) T Phenanthrene (C19.36)	10.863	6554001	50.530 ug/ml
10) T Anthracene (C19.43)	10.938	6232974	50.275 ug/ml
12) T Fluoranthene (C21.85)	12.678	6495094	50.429 ug/ml
13) T Pyrene (C20.8)	12.976	6446735	50.395 ug/ml
14) T Benzo[a]anthracene (C...	14.848	5855556	50.276 ug/ml
15) T Chrysene (C27.41)	14.892	5929995	50.253 ug/ml
16) T benzo[b]fluoranthene ...	16.398	5664067	49.950 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	5334431	50.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.780	5508103	49.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.144	5093146	49.625 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	5242339	50.022 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	5372202	49.820 ug/ml

(f)=RT Delta > 1/2 Window

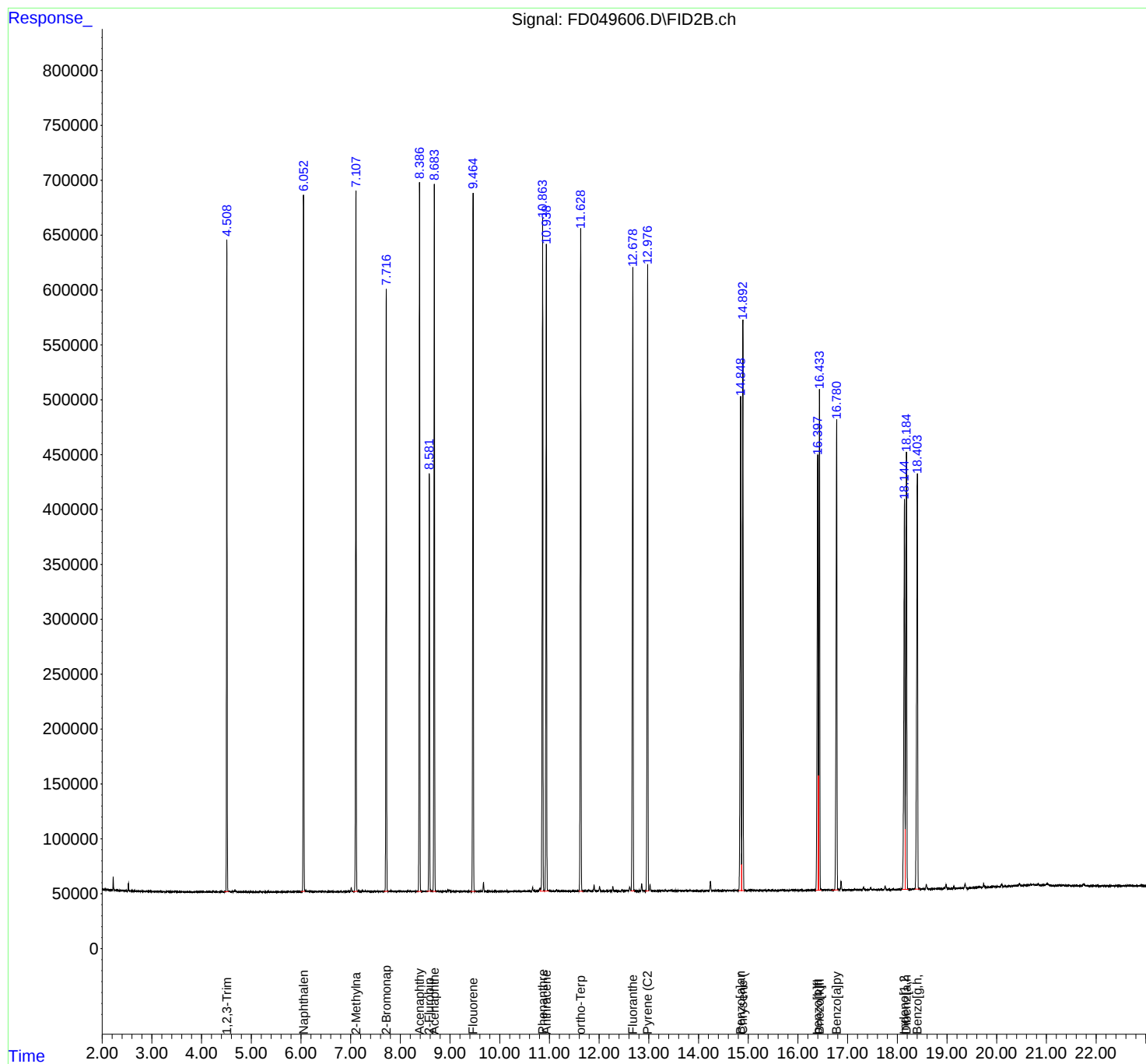
(m)=manual int.

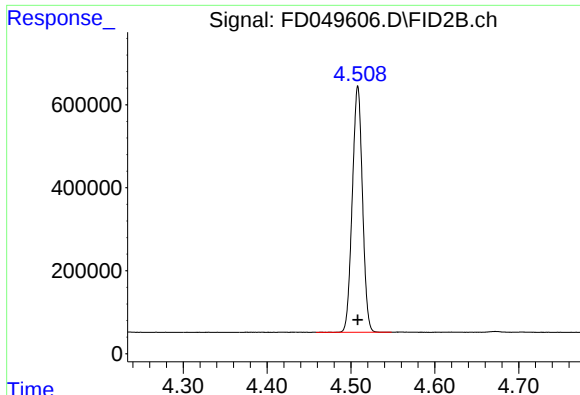
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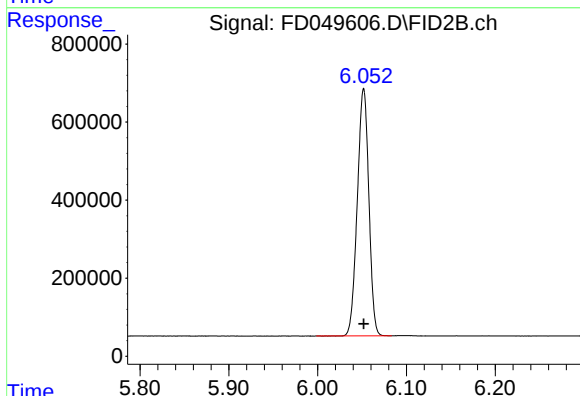




#1 1,2,3-Trimethylbenzene (C10.1)

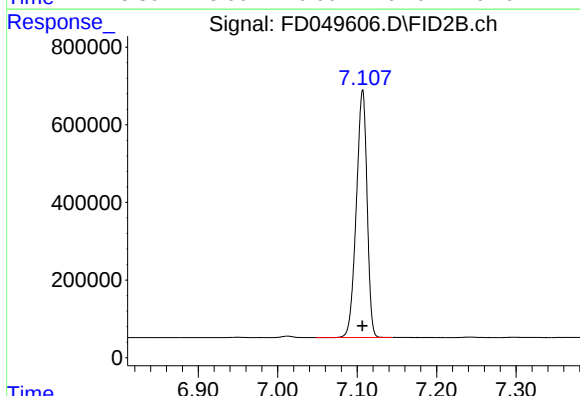
R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 4987840
Conc: 49.88 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



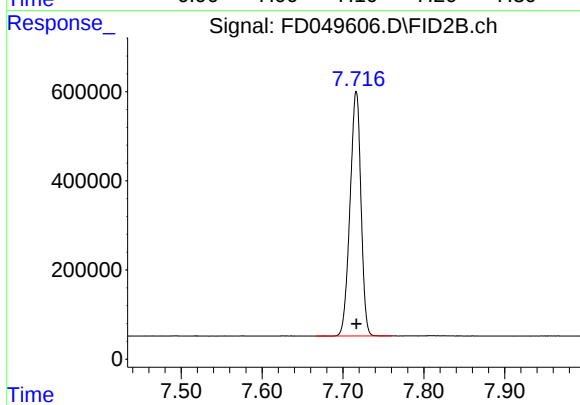
#2 Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 5718435
Conc: 50.05 ug/ml



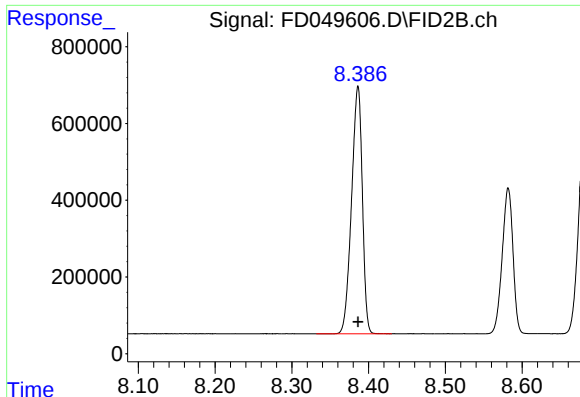
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 5978513
Conc: 50.10 ug/ml



#4 2-Bromonaphthalene (SURR)

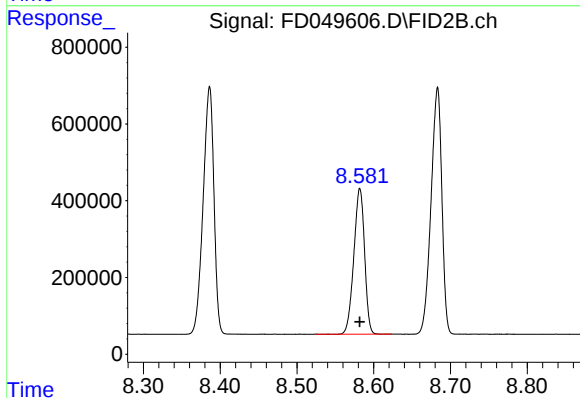
R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 5149719
Conc: 50.20 ug/ml



#5 Acenaphthylene (C15.06)

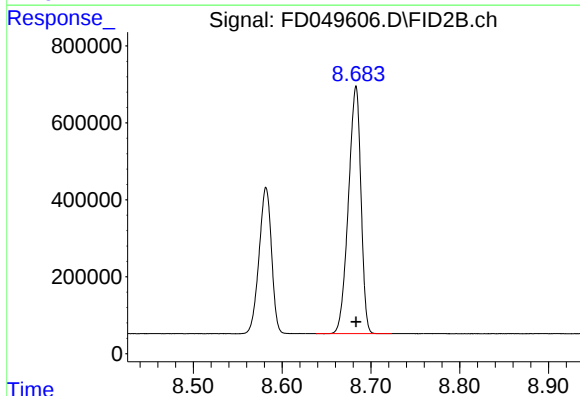
R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 6294153
Conc: 50.19 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



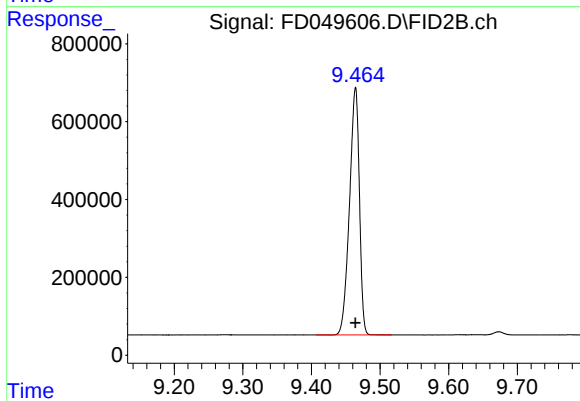
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 3690104
Conc: 50.27 ug/ml



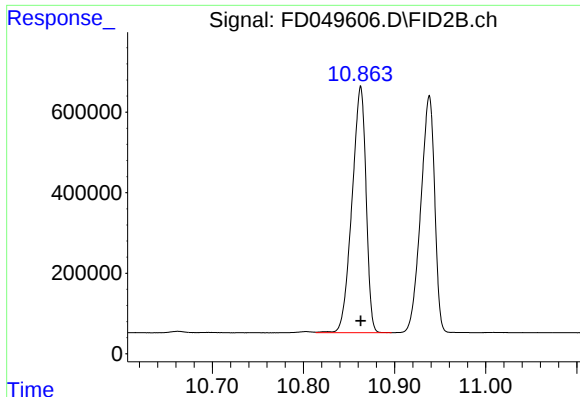
#7 Acenaphthene (C15.5)

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 6301217
Conc: 50.25 ug/ml



#8 Fluorene (C16.55)

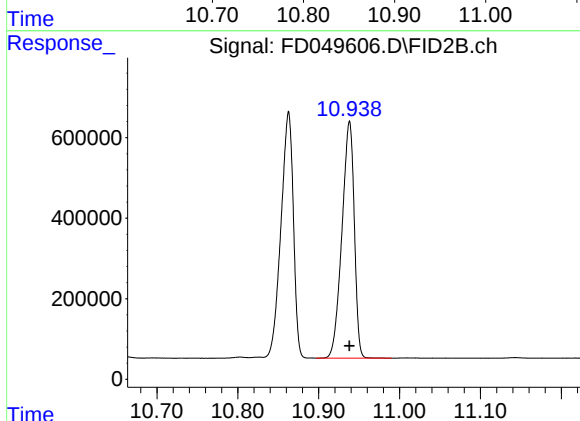
R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 6371712
Conc: 50.30 ug/ml



#9 Phenanthrene (C19.36)

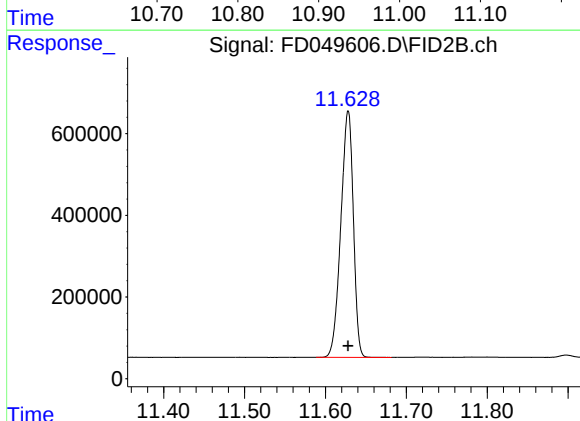
R.T.: 10.863 min
Delta R.T.: 0.000 min
Response: 6554001
Conc: 50.53 ug/ml

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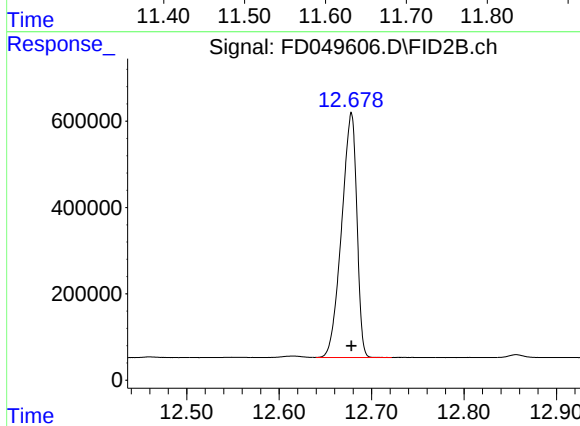
#10 Anthracene (C19.43)

R.T.: 10.938 min
Delta R.T.: 0.000 min
Response: 6232974
Conc: 50.27 ug/ml



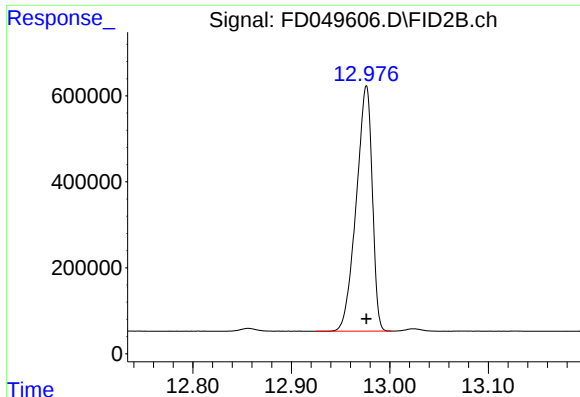
#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.000 min
Response: 6490866
Conc: 50.33 ug/ml



#12 Fluoranthene (C21.85)

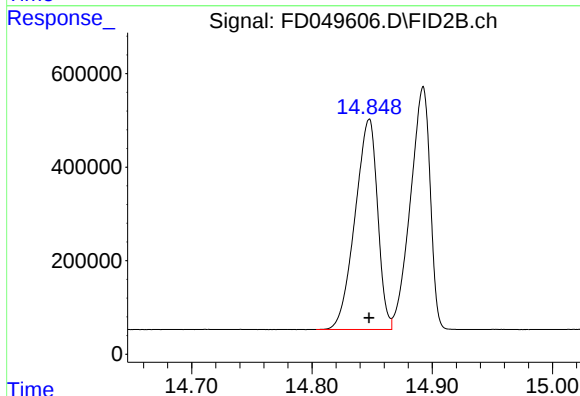
R.T.: 12.678 min
Delta R.T.: 0.000 min
Response: 6495094
Conc: 50.43 ug/ml



#13 Pyrene (C20.8)

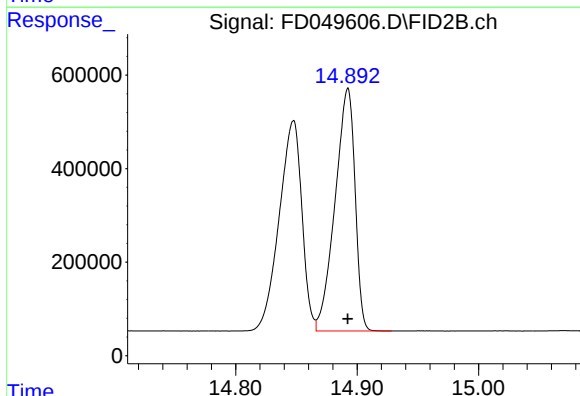
R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 6446735
Conc: 50.39 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



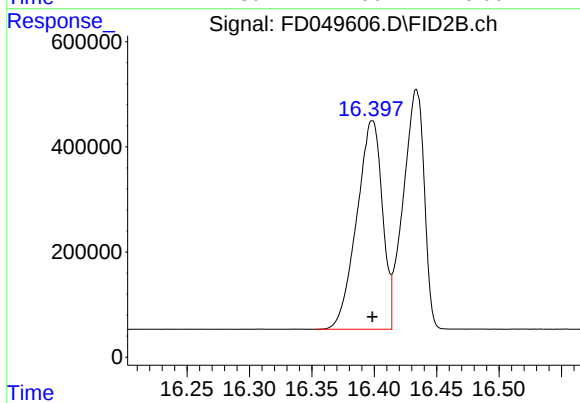
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.000 min
Response: 5855556
Conc: 50.28 ug/ml



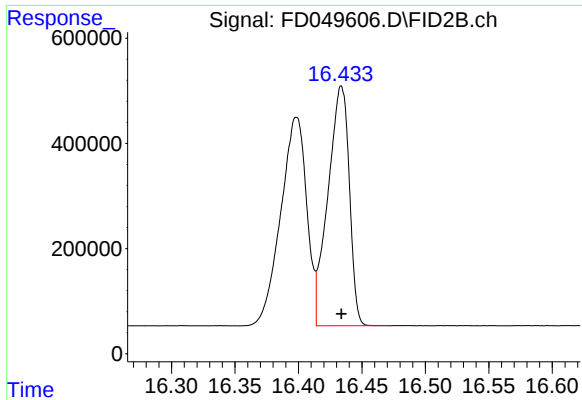
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: 0.000 min
Response: 5929995
Conc: 50.25 ug/ml



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

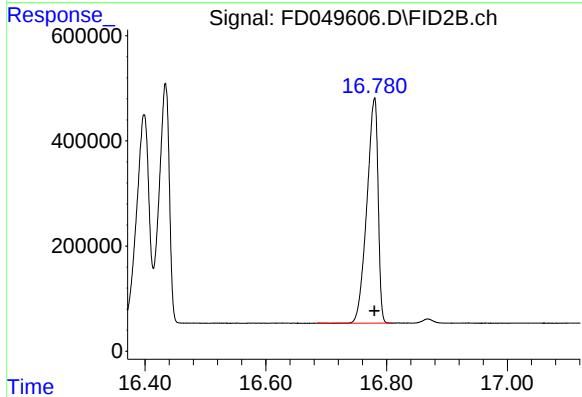
R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 5664067
Conc: 49.95 ug/ml



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

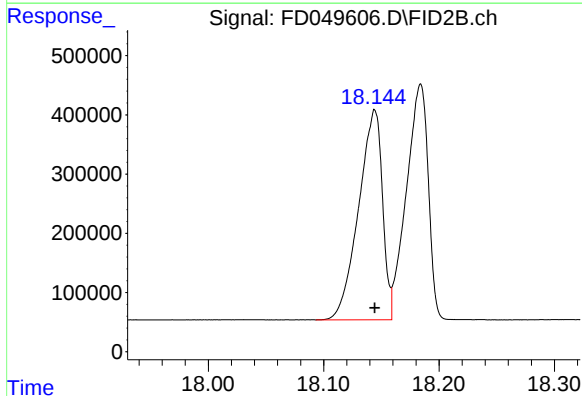
R.T.: 16.434 min
Delta R.T.: 0.000 min
Response: 5334431
Conc: 50.11 ug/ml

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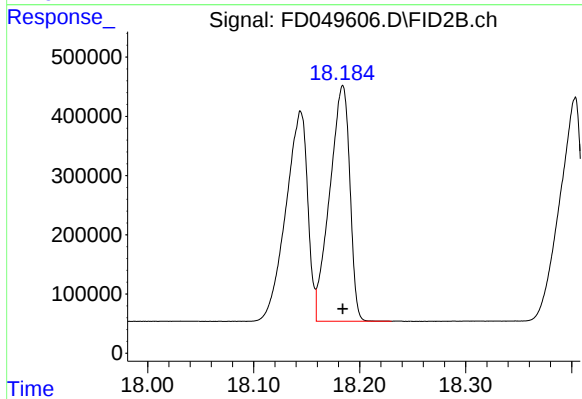
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.780 min
Delta R.T.: 0.000 min
Response: 5508103
Conc: 49.94 ug/ml



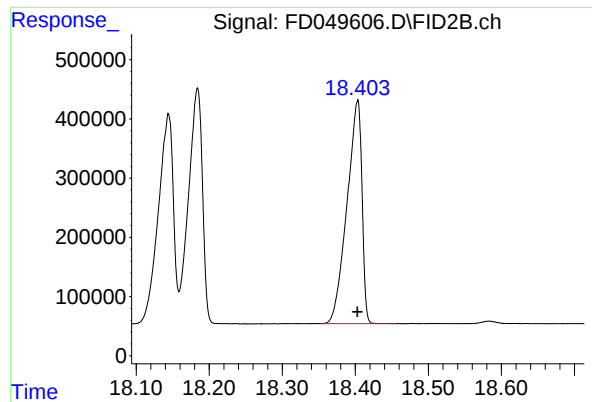
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min
Delta R.T.: 0.000 min
Response: 5093146
Conc: 49.63 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.000 min
Response: 5242339
Conc: 50.02 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 5372202
Conc: 49.82 ug/ml

Instrument :
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ClientSampleId :
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