

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047998.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 12:39
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 15 13:12:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:12:11 2024
 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...	7.413	743174	5.000 ug/ml
Spiked Amount 50.000		Recovery =	10.00%
6) S 2-Fluorobiphenyl (SURR)	8.269	429831	4.542 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.08%
11) S ortho-Terphenyl (SURR)	11.298	837407	5.005 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	848288	5.066 ug/ml
2) T Naphthalene (C11.7)	5.753	841050	4.867 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	854923	4.928 ug/ml
5) T Acenaphthylene (C15.06)	8.066	855281	4.991 ug/ml
7) T Acenaphthene (C15.5)	8.359	883796	5.095 ug/ml
8) T Flouorene (C16.55)	9.142	777427	4.787 ug/ml
9) T Phenanthrene (C19.36)	10.529	749994	4.722 ug/ml
10) T Anthracene (C19.43)	10.607	757322	4.796 ug/ml
12) T Fluoranthene (C21.85)	12.336	744669	4.703 ug/ml
13) T Pyrene (C20.8)	12.628	780846	4.938 ug/ml
14) T Benzo[a]anthracene (C...	14.499	545720	3.997 ug/ml
15) T Chrysene (C27.41)	14.537	854269	5.299 ug/ml
16) T benzo[b]fluoranthene ...	16.043	623724	4.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.076	801593	5.367 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	628401	4.437 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	421076	3.733 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	747625	5.144 ug/ml
21) T Benzo[g,h,i]perylene ...	18.035	731087	4.961 ug/ml

(f)=RT Delta > 1/2 Window

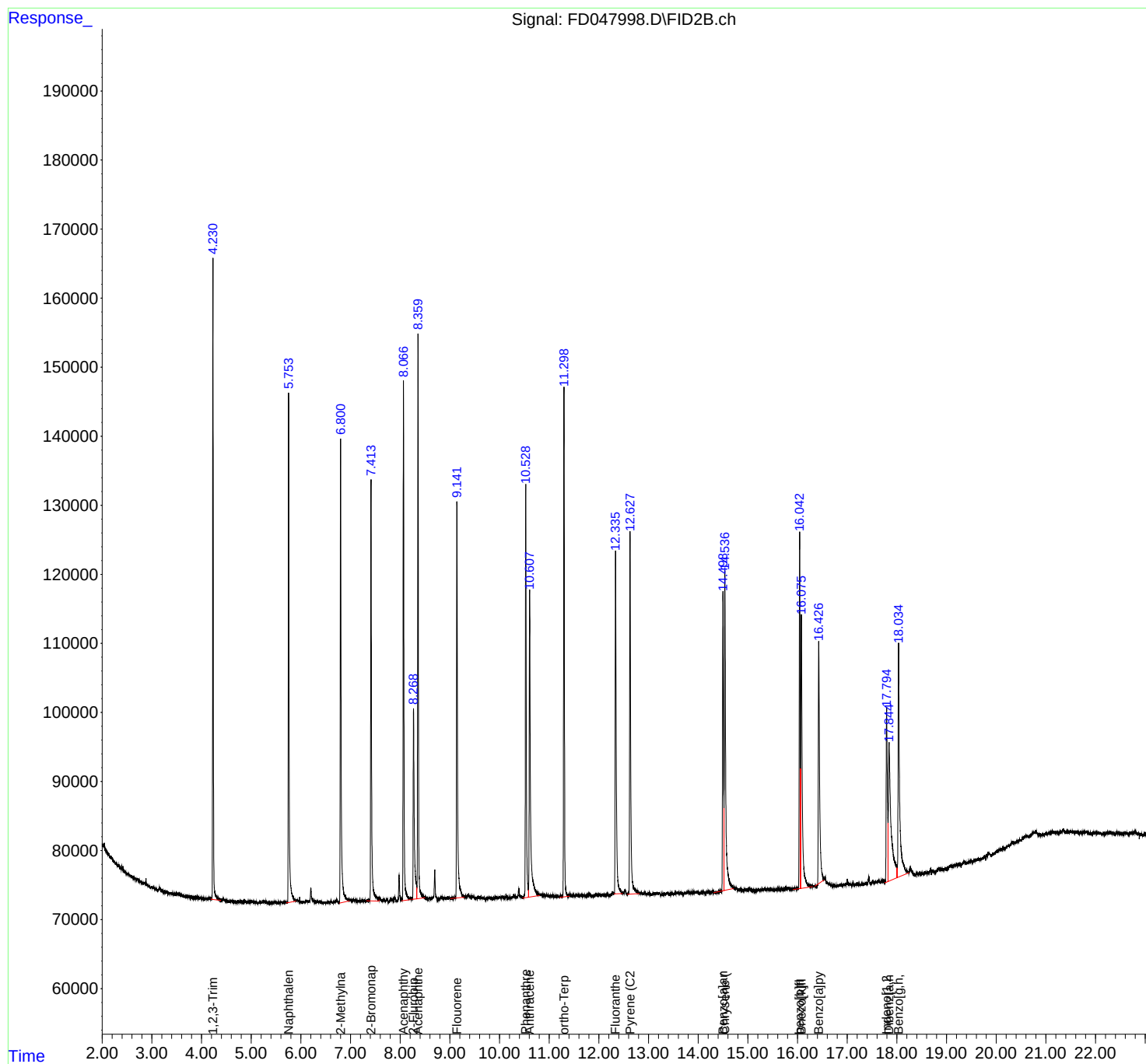
(m)=manual int.

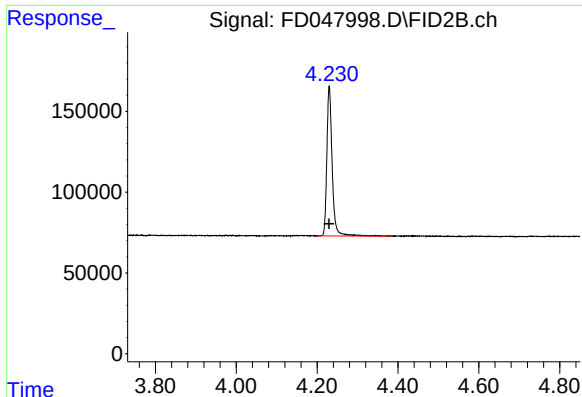
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
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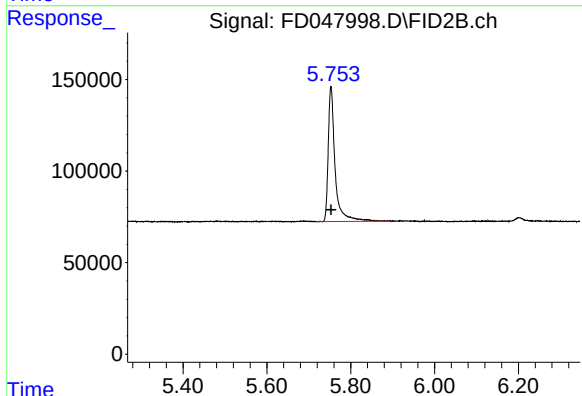




#1 1,2,3-Trimethylbenzene (C10.1)

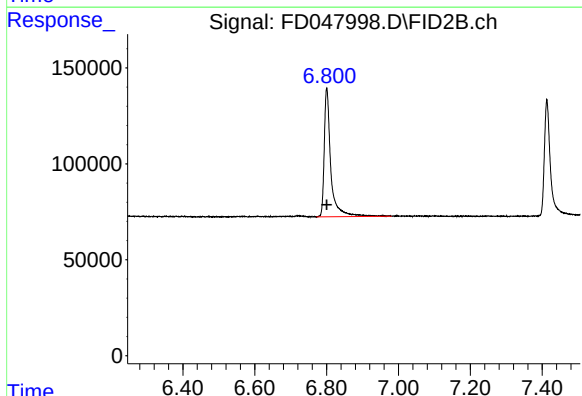
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 848288
Conc: 5.07 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



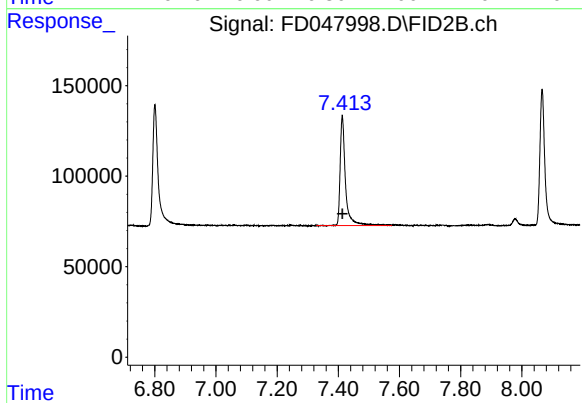
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 841050
Conc: 4.87 ug/ml



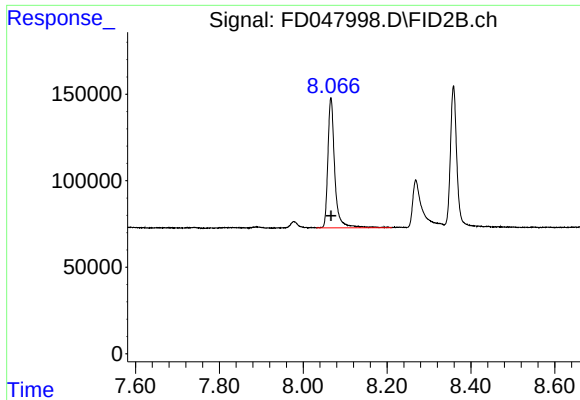
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 854923
Conc: 4.93 ug/ml



#4 2-Bromonaphthalene (SURR)

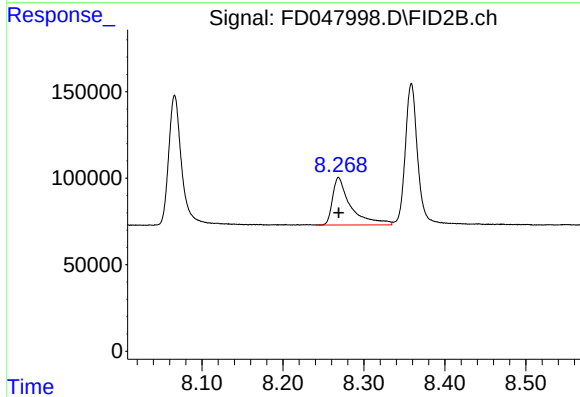
R.T.: 7.413 min
Delta R.T.: 0.000 min
Response: 743174
Conc: 5.00 ug/ml



#5 Acenaphthylene (C15.06)

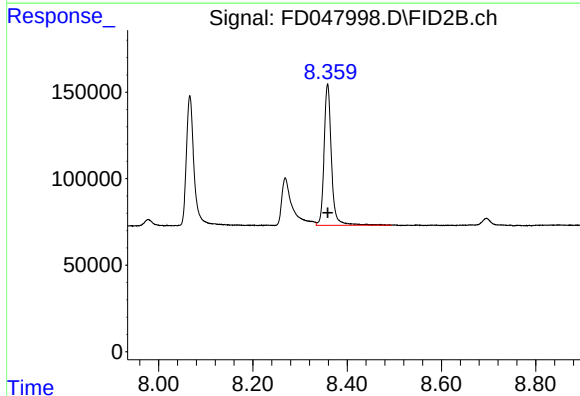
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 855281
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



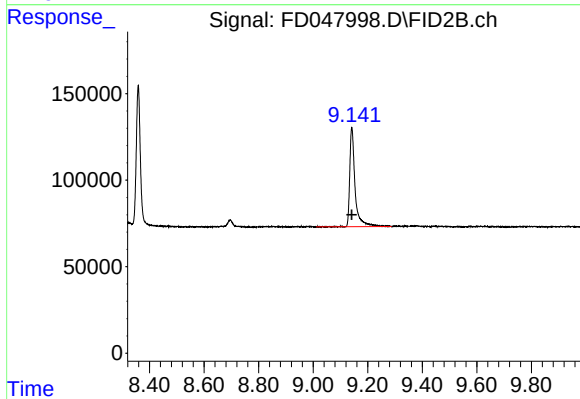
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 429831
Conc: 4.54 ug/ml



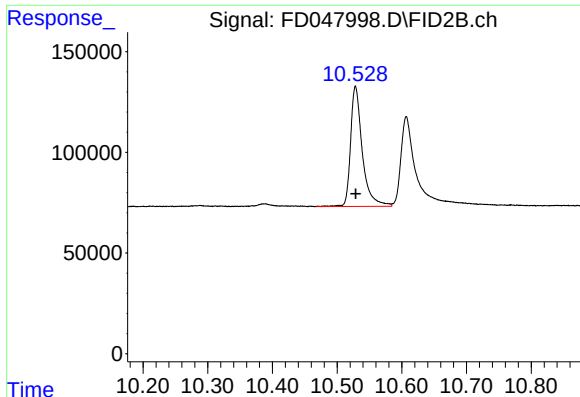
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 883796
Conc: 5.09 ug/ml



#8 Fluorene (C16.55)

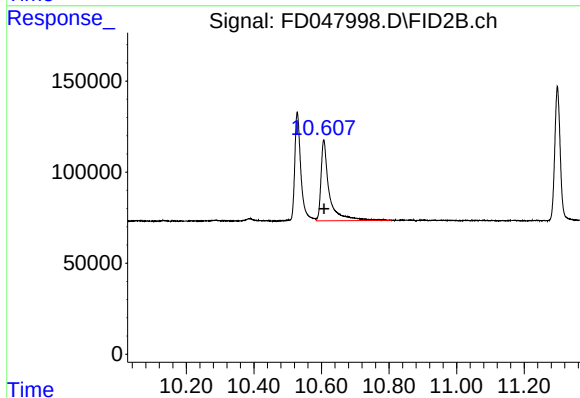
R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 777427
Conc: 4.79 ug/ml



#9 Phenanthrene (C19.36)

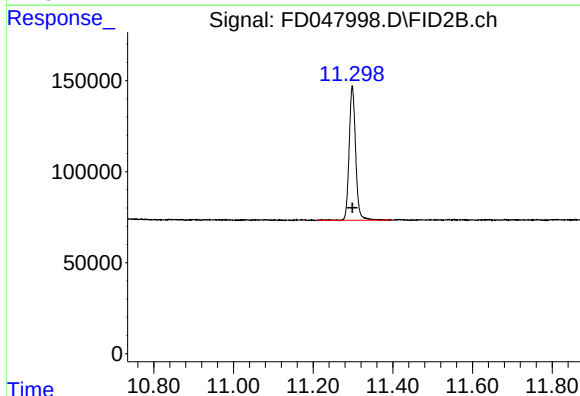
R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 749994
Conc: 4.72 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



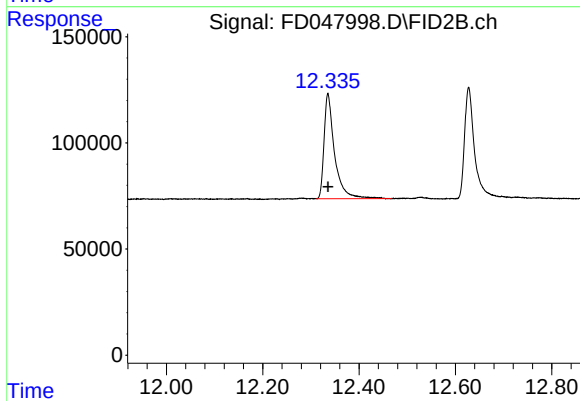
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 757322
Conc: 4.80 ug/ml



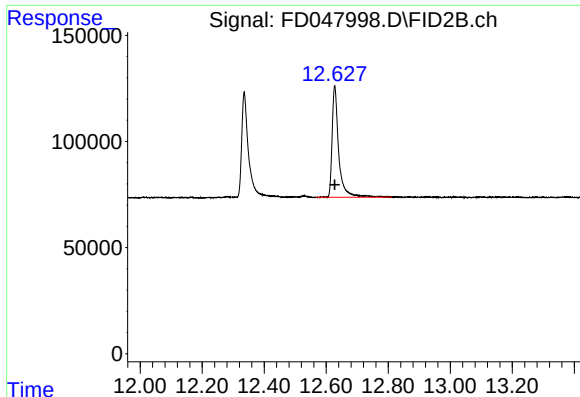
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 837407
Conc: 5.00 ug/ml



#12 Fluoranthene (C21.85)

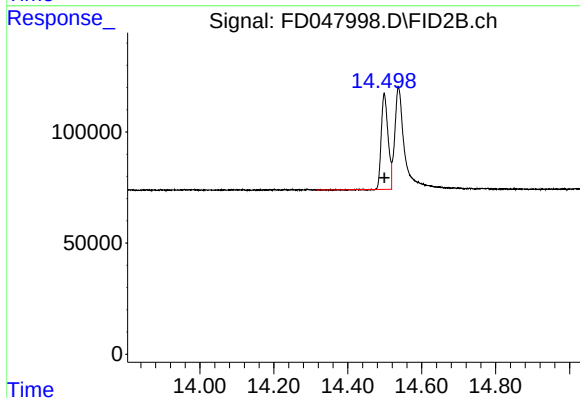
R.T.: 12.336 min
Delta R.T.: 0.000 min
Response: 744669
Conc: 4.70 ug/ml



#13 Pyrene (C20.8)

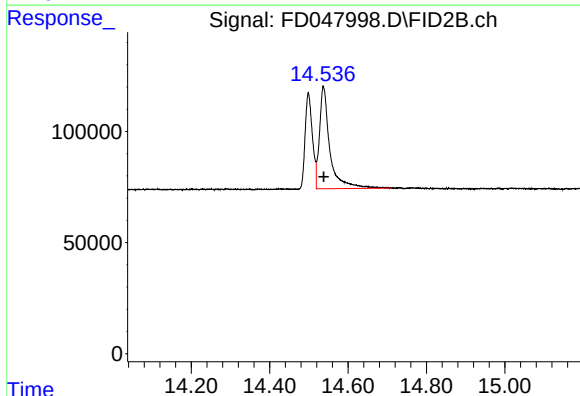
R.T.: 12.628 min
Delta R.T.: 0.000 min
Response: 780846
Conc: 4.94 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



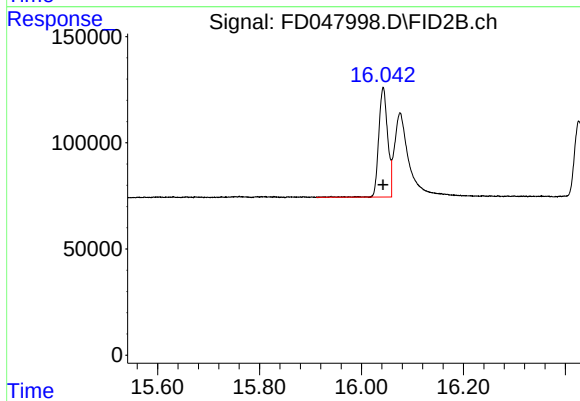
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 545720
Conc: 4.00 ug/ml



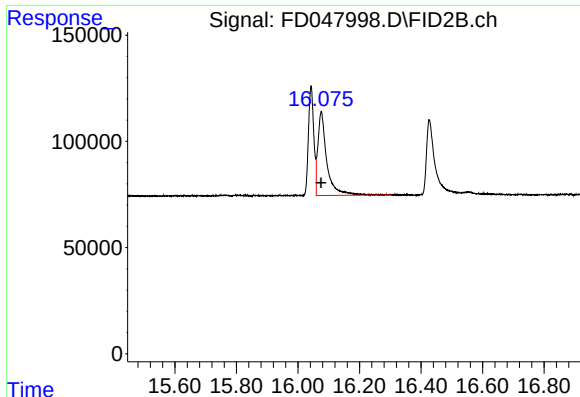
#15 Chrysene (C27.41)

R.T.: 14.537 min
Delta R.T.: 0.000 min
Response: 854269
Conc: 5.30 ug/ml



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

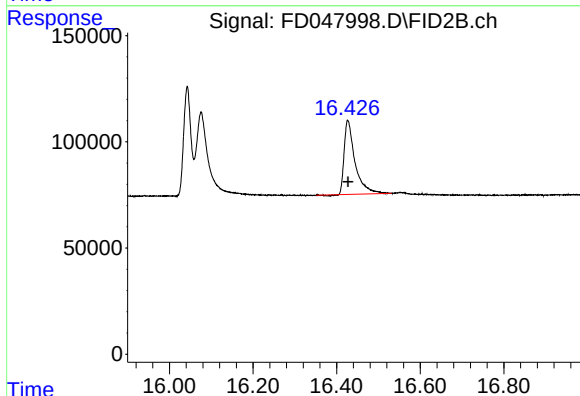
R.T.: 16.043 min
Delta R.T.: 0.000 min
Response: 623724
Conc: 4.33 ug/ml



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

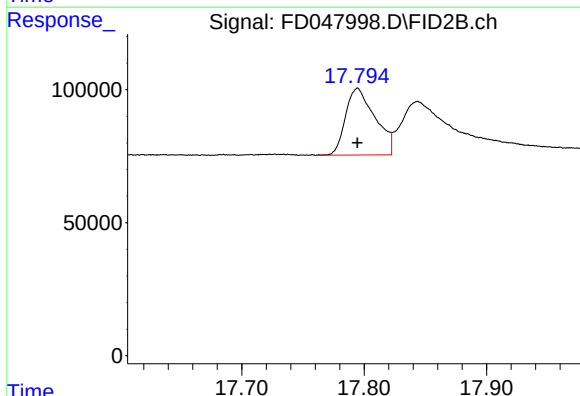
R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 801593
Conc: 5.37 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



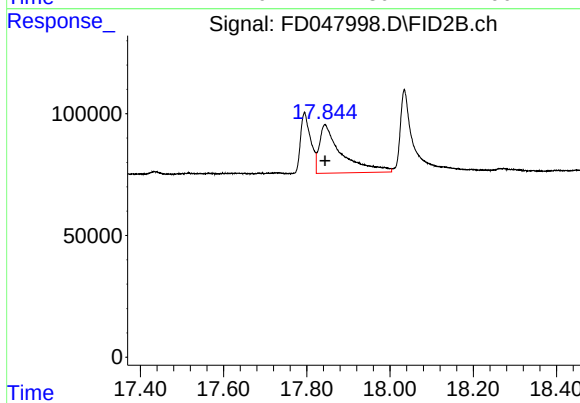
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 628401
Conc: 4.44 ug/ml



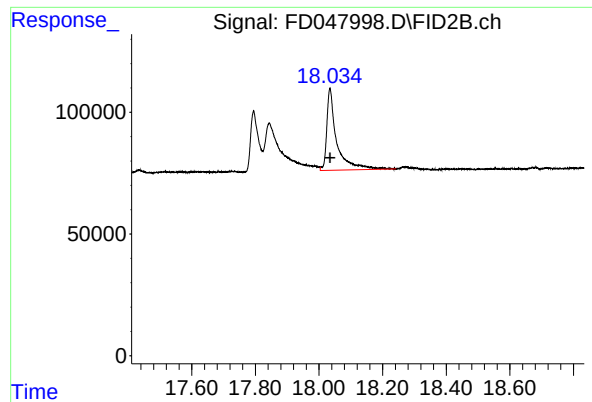
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 421076
Conc: 3.73 ug/ml



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

R.T.: 17.844 min
Delta R.T.: 0.000 min
Response: 747625
Conc: 5.14 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 731087
Conc: 4.96 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5