

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016640.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 10:48
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 25 12:42:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:34:32 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...	8.092	996547	8.721 ug/ml
Spiked Amount 50.000		Recovery =	17.44%
6) S 2-Fluorobiphenyl (SURR)	8.978	640766	8.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.71%
11) S ortho-Terphenyl (SURR)	12.053	1328629	9.531 ug/ml
Spiked Amount 50.000		Recovery =	19.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	1221848	9.341 ug/ml
2) T Naphthalene (C11.7)	6.359	1254037	9.105 ug/ml
3) T 2-Methylnaphthalene (...)	7.462	1240350	9.105 ug/ml
5) T Acenaphthylene (C15.06)	8.772	1138572	8.633 ug/ml
7) T Acenaphthene (C15.5)	9.072	1376167	9.653 ug/ml
8) T Flouorene (C16.55)	9.870	1224839	9.124 ug/ml
9) T Phenanthrene (C19.36)	11.286	1146908	8.864 ug/ml
10) T Anthracene (C19.43)	11.363	1374875	10.091 ug/ml
12) T Fluoranthene (C21.85)	13.119	1271801	9.461 ug/ml
13) T Pyrene (C20.8)	13.420	1281323	9.566 ug/ml
14) T Benzo[a]anthracene (C...	15.316	972645	8.356 ug/ml
15) T Chrysene (C27.41)	15.357	1484507	10.580 ug/ml
16) T benzo[b]fluoranthene ...	16.884	901036	7.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.916	1416175	10.776 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.272	1177099	9.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.656	633213	7.709 ug/ml
20) T Dibenz[a,h]anthracene...	18.693	1491522	10.399 ug/ml
21) T Benzo[g,h,i]perylene ...	18.907	1049619	9.472 ug/ml

(f)=RT Delta > 1/2 Window

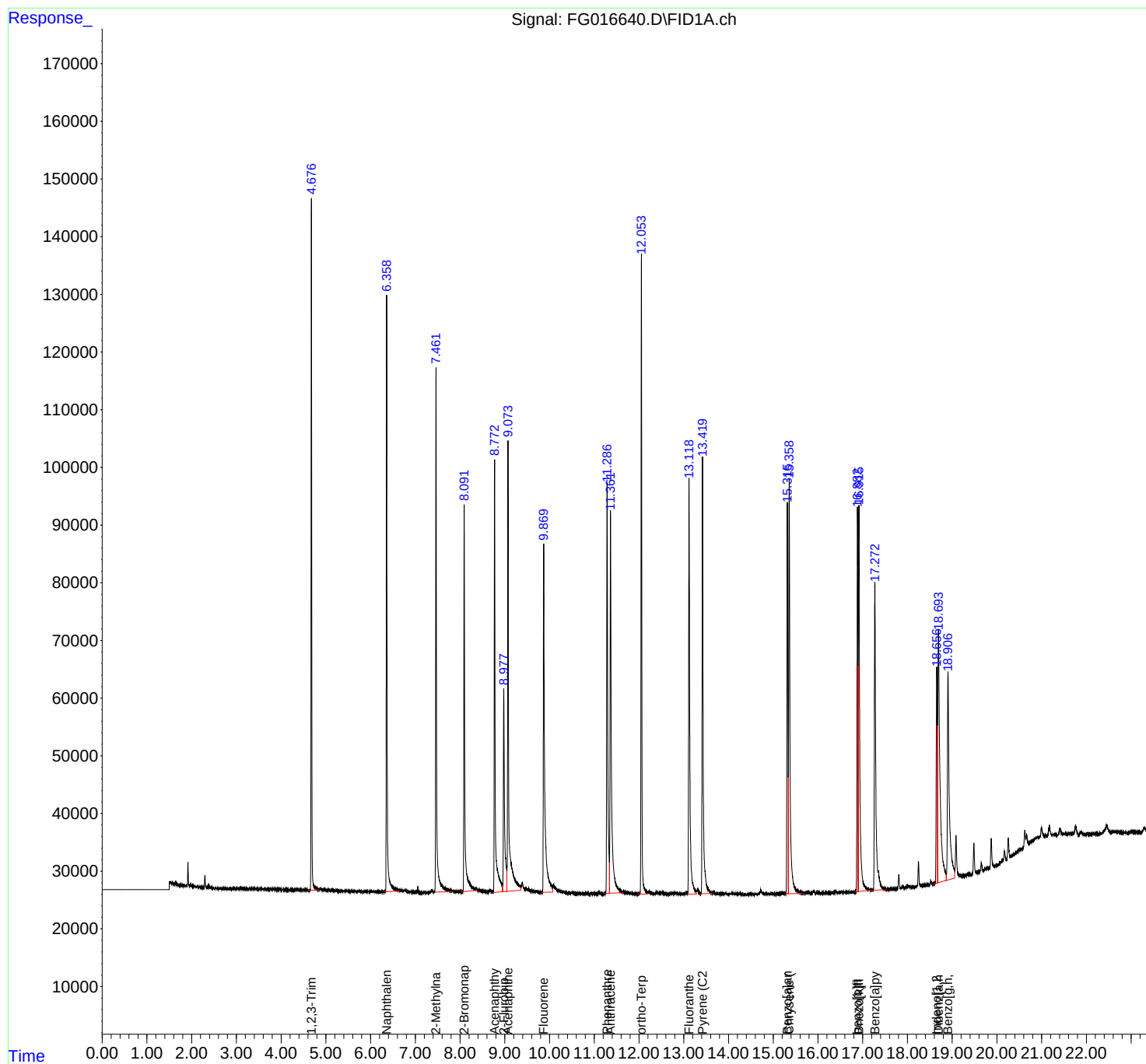
(m)=manual int.

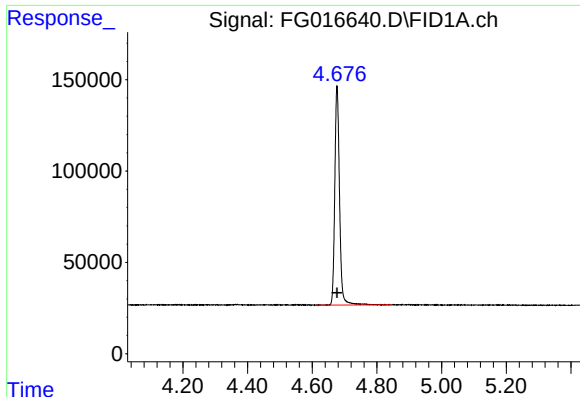
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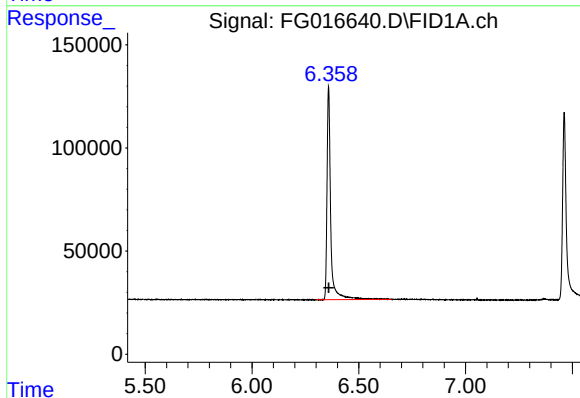




#1 1,2,3-Trimethylbenzene (C10.1)

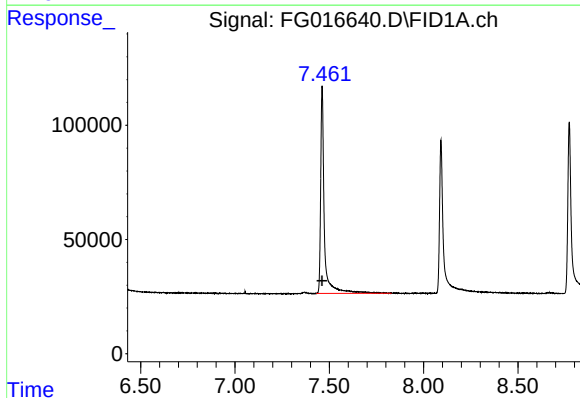
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 1221848
Conc: 9.34 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



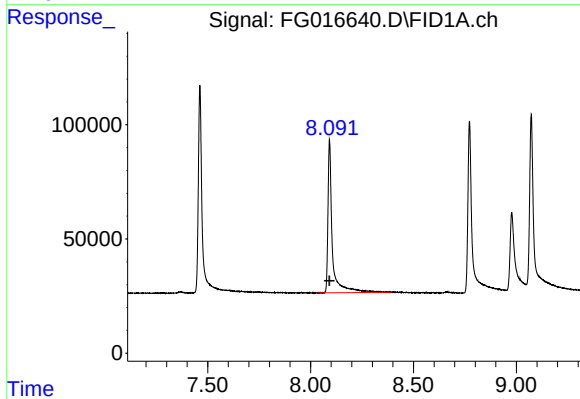
#2 Naphthalene (C11.7)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 1254037
Conc: 9.11 ug/ml



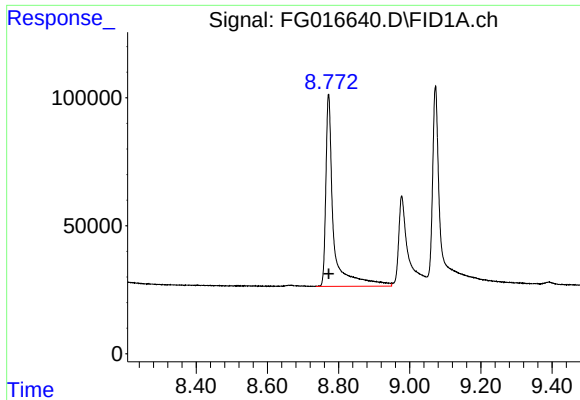
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 1240350
Conc: 9.11 ug/ml



#4 2-Bromonaphthalene (SURR)

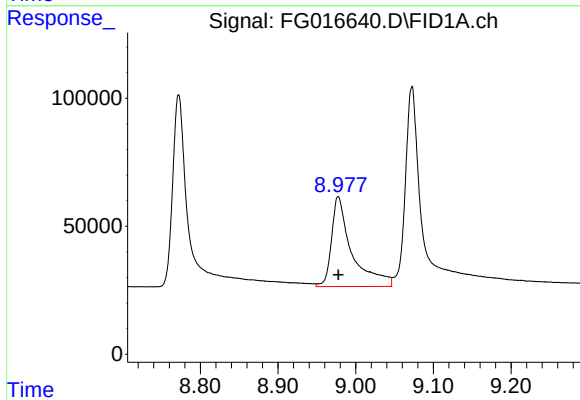
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 996547
Conc: 8.72 ug/ml



#5 Acenaphthylene (C15.06)

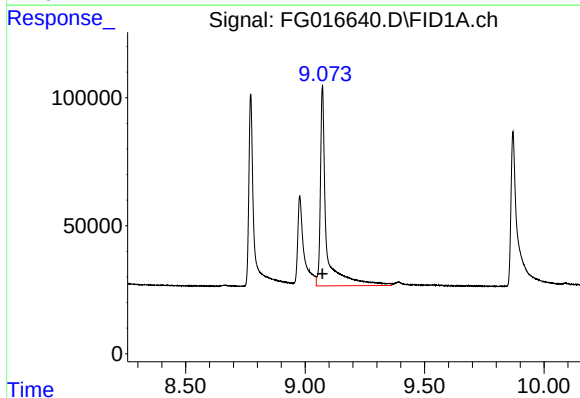
R.T.: 8.772 min
Delta R.T.: 0.000 min
Response: 1138572
Conc: 8.63 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



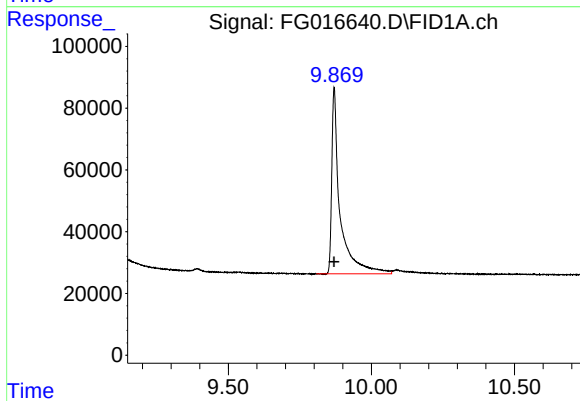
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 640766
Conc: 8.36 ug/ml



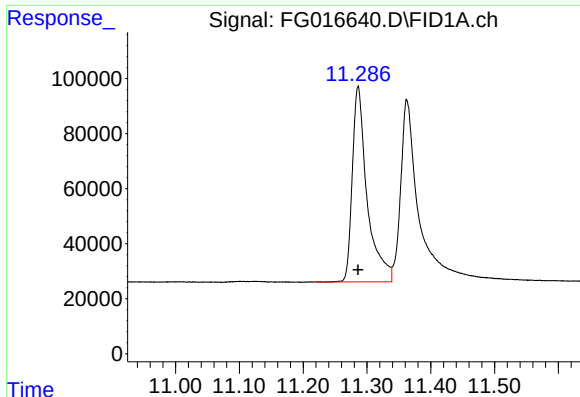
#7 Acenaphthene (C15.5)

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 1376167
Conc: 9.65 ug/ml



#8 Fluorene (C16.55)

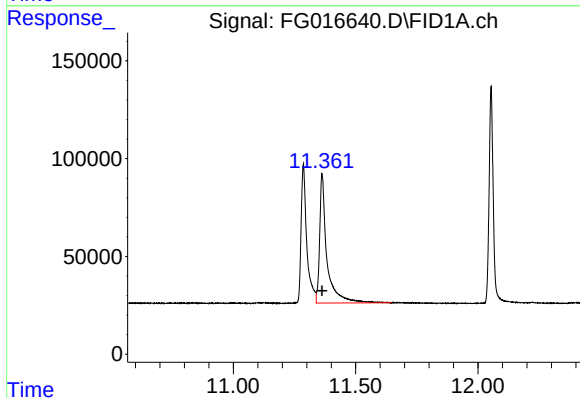
R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 1224839
Conc: 9.12 ug/ml



#9 Phenanthrene (C19.36)

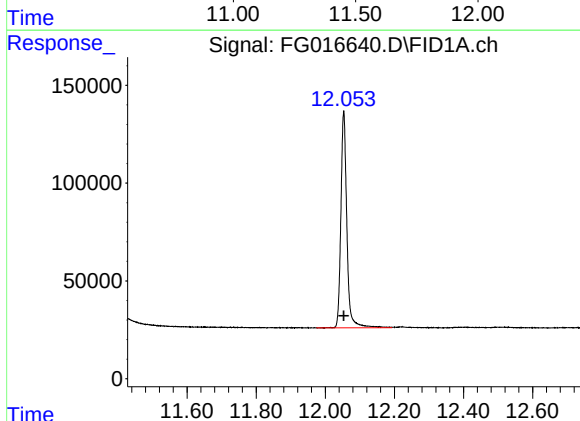
R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 1146908
Conc: 8.86 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



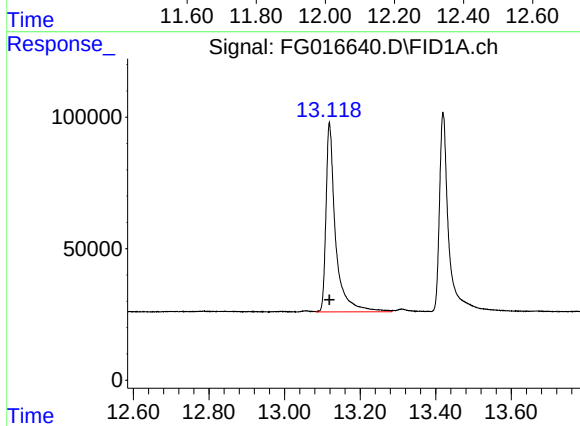
#10 Anthracene (C19.43)

R.T.: 11.363 min
Delta R.T.: 0.000 min
Response: 1374875
Conc: 10.09 ug/ml



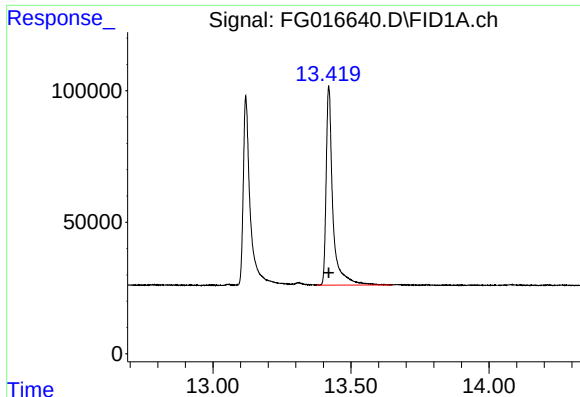
#11 ortho-Terphenyl (SURR)

R.T.: 12.053 min
Delta R.T.: 0.000 min
Response: 1328629
Conc: 9.53 ug/ml



#12 Fluoranthene (C21.85)

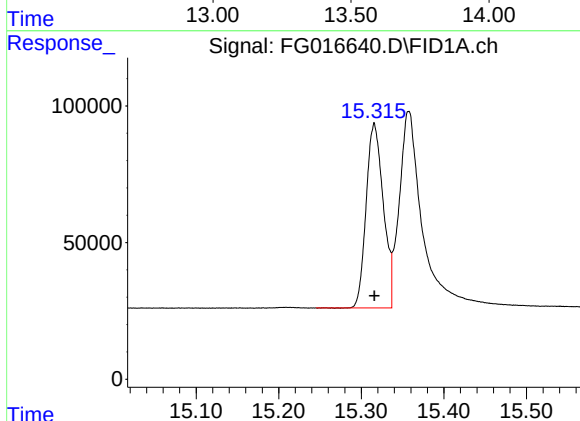
R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 1271801
Conc: 9.46 ug/ml



#13 Pyrene (C20.8)

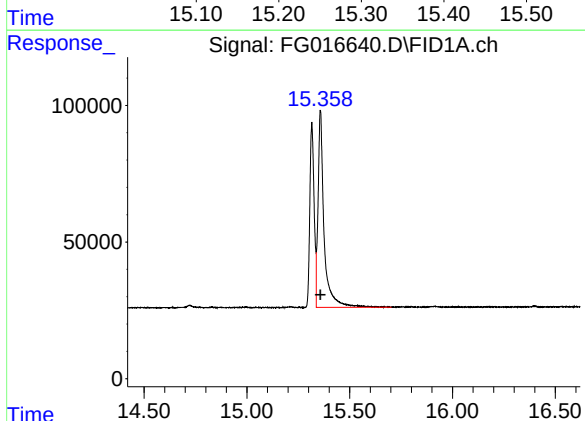
R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 1281323
Conc: 9.57 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



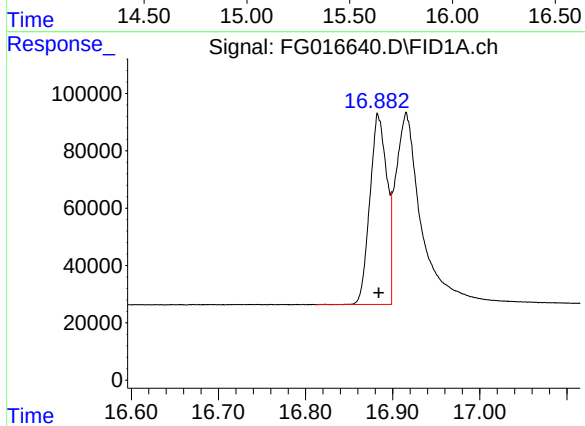
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.316 min
Delta R.T.: 0.000 min
Response: 972645
Conc: 8.36 ug/ml



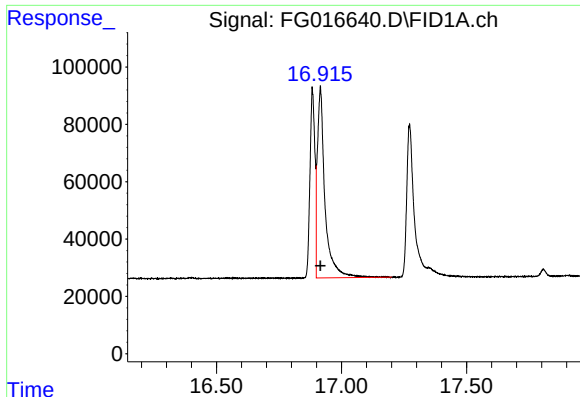
#15 Chrysene (C27.41)

R.T.: 15.357 min
Delta R.T.: 0.000 min
Response: 1484507
Conc: 10.58 ug/ml



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

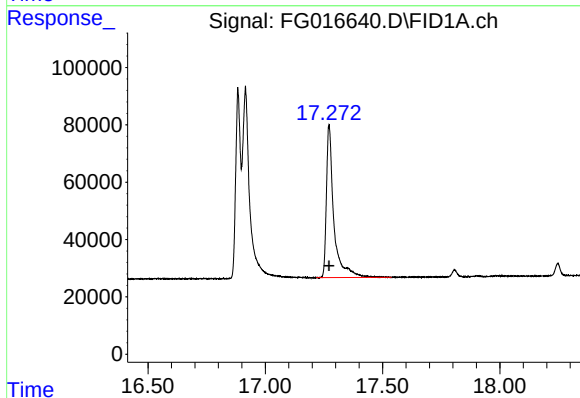
R.T.: 16.884 min
Delta R.T.: 0.000 min
Response: 901036
Conc: 7.96 ug/ml



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

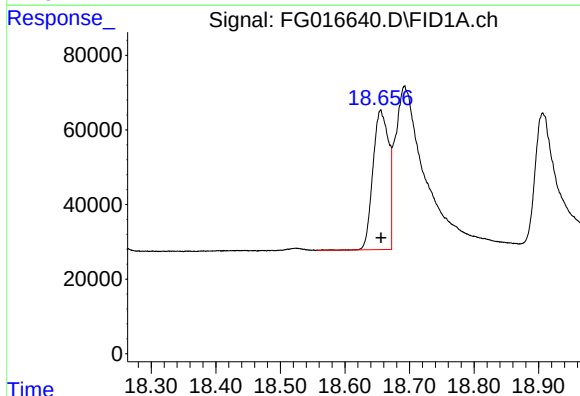
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 1416175
Conc: 10.78 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



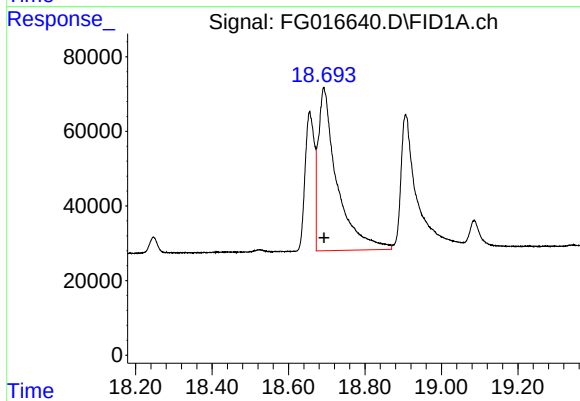
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.272 min
Delta R.T.: 0.000 min
Response: 1177099
Conc: 9.80 ug/ml



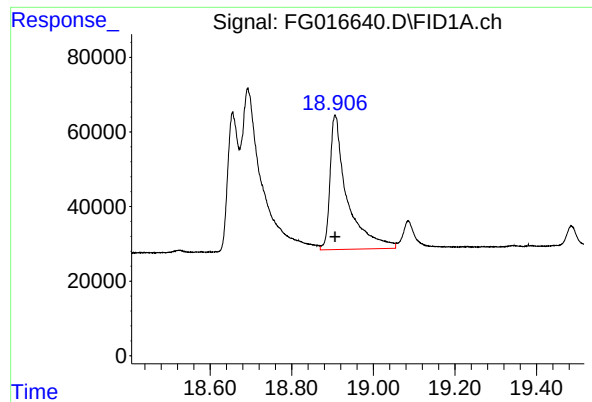
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.656 min
Delta R.T.: 0.000 min
Response: 633213
Conc: 7.71 ug/ml



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

R.T.: 18.693 min
Delta R.T.: 0.000 min
Response: 1491522
Conc: 10.40 ug/ml



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

R.T.: 18.907 min
Delta R.T.: 0.000 min
Response: 1049619
Conc: 9.47 ug/ml

Instrument :

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ClientSampleId :

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