

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042647.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 12:30
 Operator : UA/NP
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: sample.E
 Quant Time: May 27 14:32:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 14:31:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.670	7333923	50.020 ug/ml
Spiked Amount 50.000		Recovery =	100.04%
6) S 2-Fluorobiphenyl (SURR)	8.534	4950679	50.177 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.35%
11) S ortho-Terphenyl (SURR)	11.581	8461284	50.114 ug/ml
Spiked Amount 50.000		Recovery =	100.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.463	8031029	49.929 ug/ml
2) T Naphthalene (C11.7)	6.005	8285467	50.098 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	7654321	50.089 ug/ml
5) T Acenaphthylene (C15.06)	8.338	8256725	50.018 ug/ml
7) T Acenaphthene (C15.5)	8.635	8243364	50.086 ug/ml
8) T Flouorene (C16.55)	9.416	8069612	50.127 ug/ml
9) T Phenanthrene (C19.36)	10.814	7930641	50.190 ug/ml
10) T Anthracene (C19.43)	10.889	7433196	50.275 ug/ml
12) T Fluoranthene (C21.85)	12.627	7584303	50.142 ug/ml
13) T Pyrene (C20.8)	12.925	7509098	50.184 ug/ml
14) T Benzo[a]anthracene (C...	14.796	6679452	50.551 ug/ml
15) T Chrysene (C27.41)	14.841	6576303	50.472 ug/ml
16) T benzo[b]fluoranthene ...	16.346	6622515	50.399 ug/ml
17) T Bnezo[k]fluoranthene ...	16.381	6134945	50.483 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	6139353	50.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.088	5498695	50.130 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	5510625	50.473 ug/ml
21) T Benzo[g,h,i]perylene ...	18.347	5765154	50.086 ug/ml

(f)=RT Delta > 1/2 Window

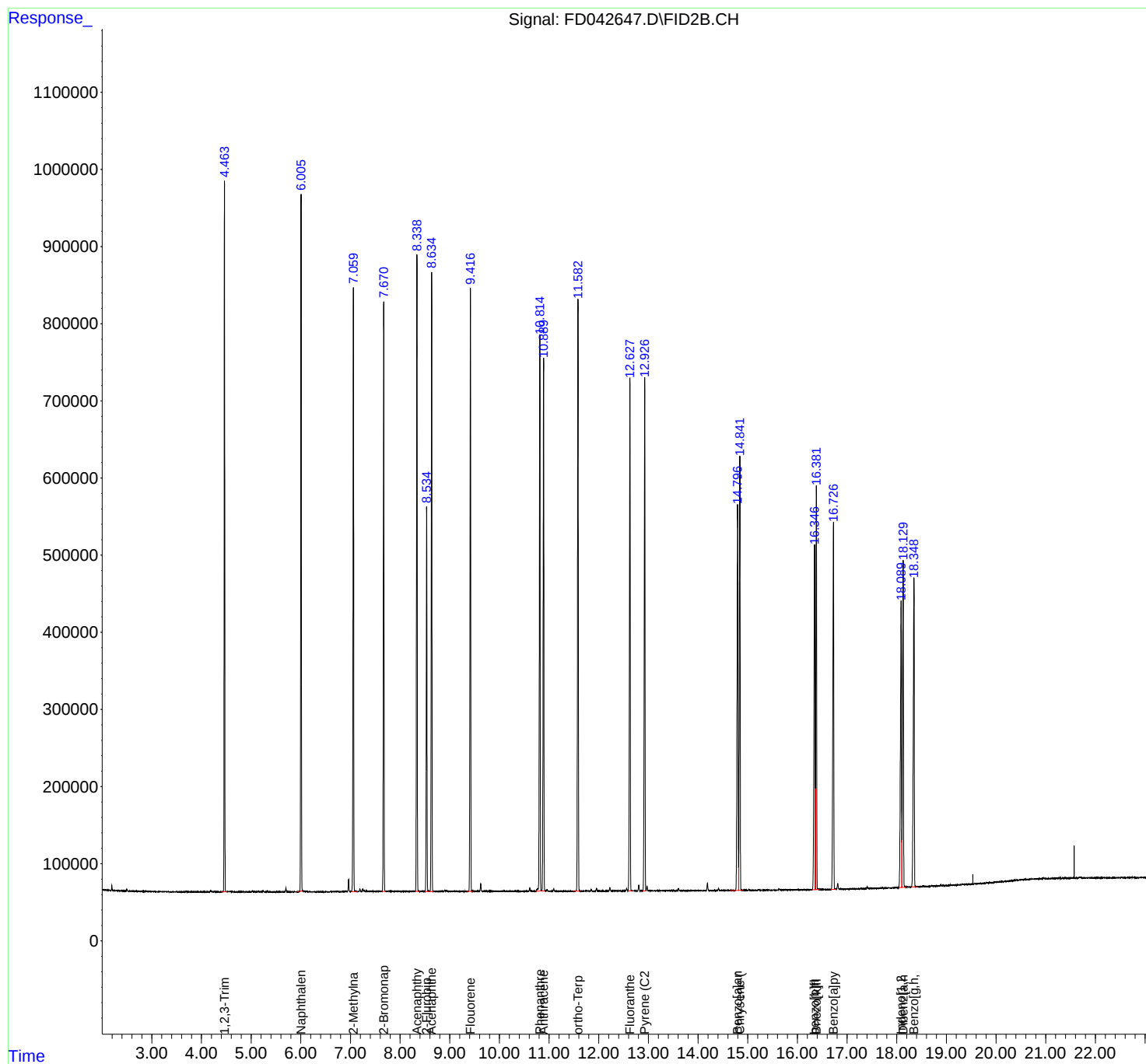
(m)=manual int.

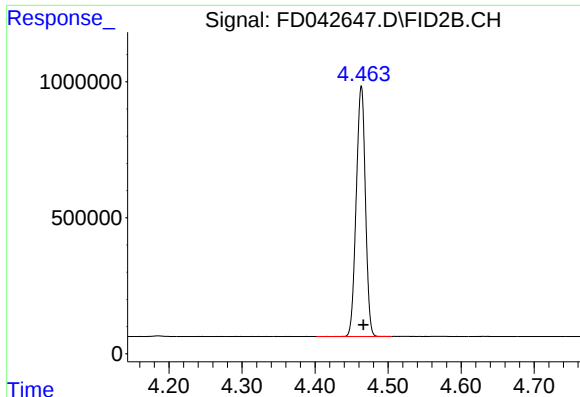
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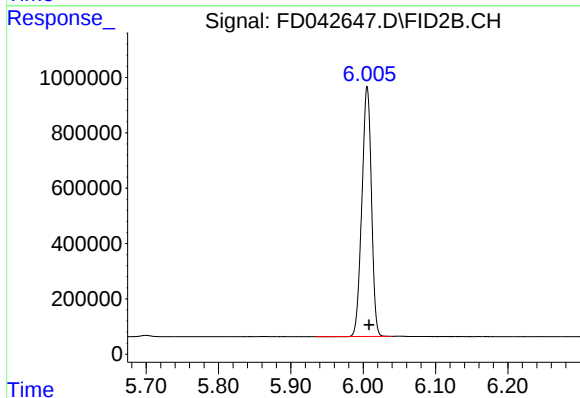




#1 1,2,3-Trimethylbenzene (C10.1)

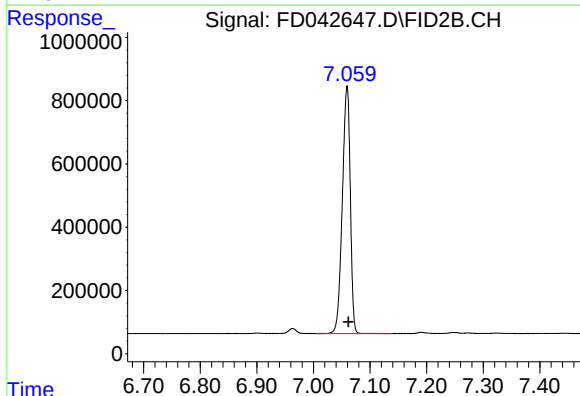
R.T.: 4.463 min
Delta R.T.: -0.003 min
Response: 8031029
Conc: 49.93 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



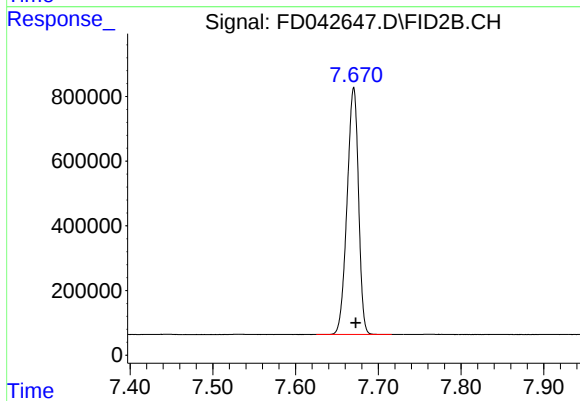
#2 Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 8285467
Conc: 50.10 ug/ml



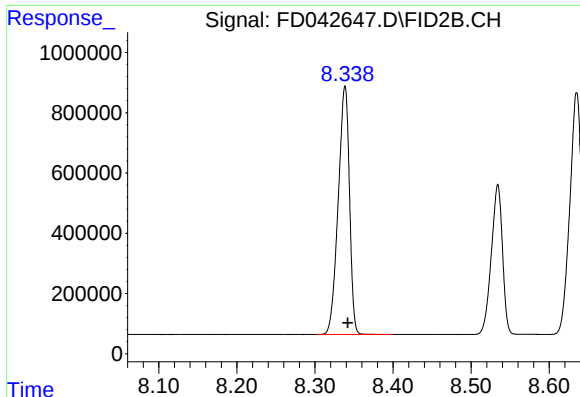
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 7654321
Conc: 50.09 ug/ml



#4 2-Bromonaphthalene (SURR)

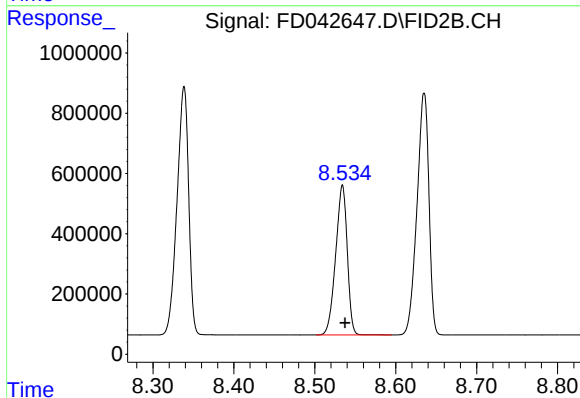
R.T.: 7.670 min
Delta R.T.: -0.003 min
Response: 7333923
Conc: 50.02 ug/ml



#5 Acenaphthylene (C15.06)

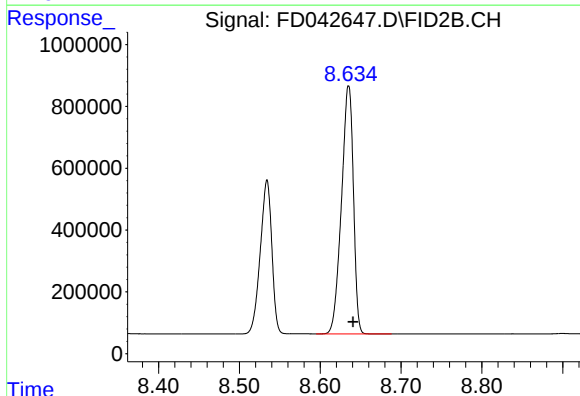
R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 8256725
Conc: 50.02 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



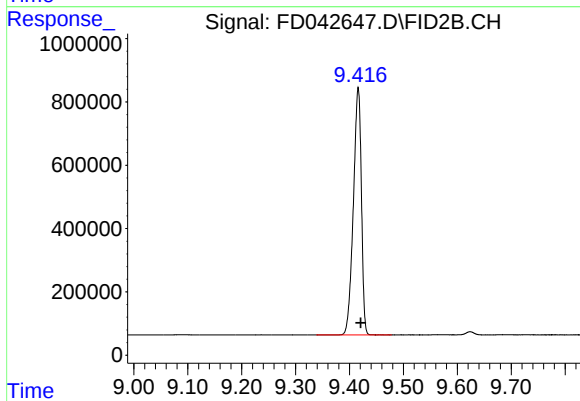
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 4950679
Conc: 50.18 ug/ml



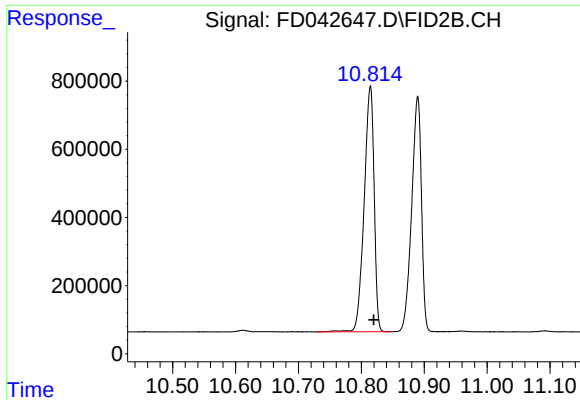
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.006 min
Response: 8243364
Conc: 50.09 ug/ml



#8 Fluorene (C16.55)

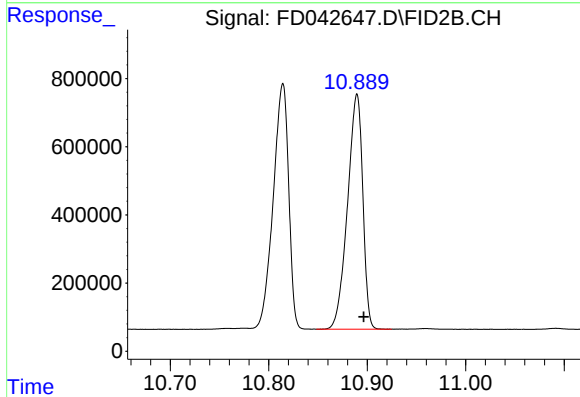
R.T.: 9.416 min
Delta R.T.: -0.005 min
Response: 8069612
Conc: 50.13 ug/ml



#9 Phenanthrene (C19.36)

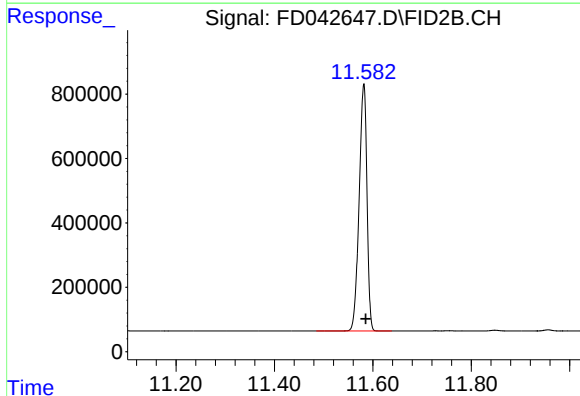
R.T.: 10.814 min
Delta R.T.: -0.006 min
Response: 7930641
Conc: 50.19 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



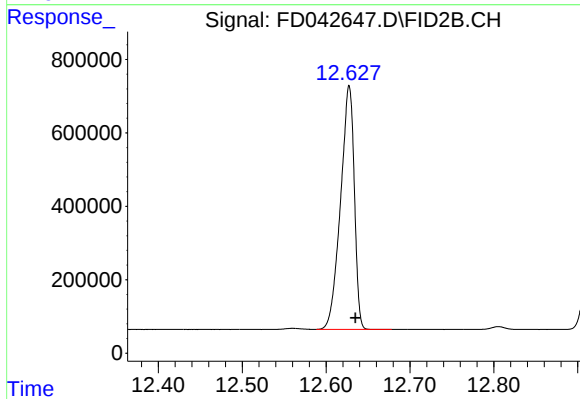
#10 Anthracene (C19.43)

R.T.: 10.889 min
Delta R.T.: -0.007 min
Response: 7433196
Conc: 50.28 ug/ml



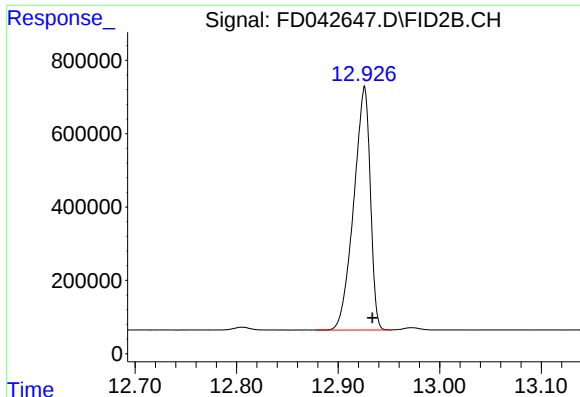
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.004 min
Response: 8461284
Conc: 50.11 ug/ml



#12 Fluoranthene (C21.85)

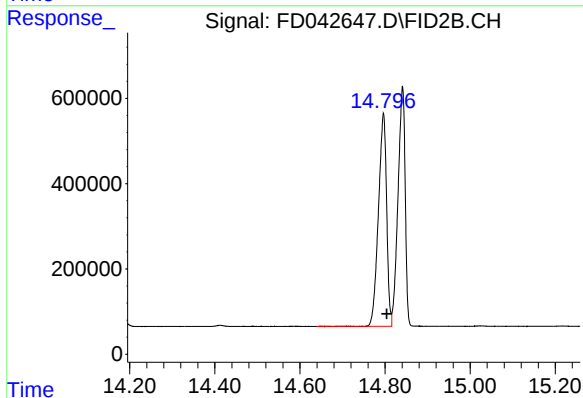
R.T.: 12.627 min
Delta R.T.: -0.008 min
Response: 7584303
Conc: 50.14 ug/ml



#13 Pyrene (C20.8)

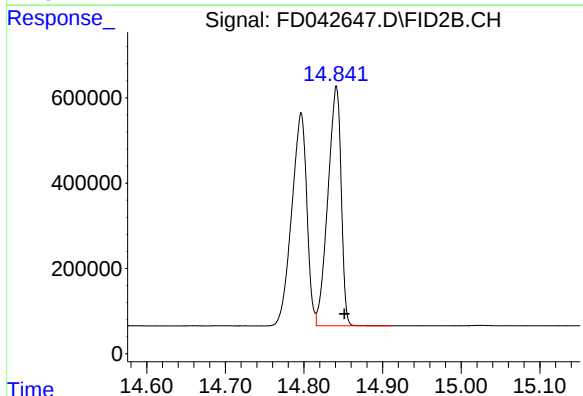
R.T.: 12.925 min
Delta R.T.: -0.008 min
Response: 7509098
Conc: 50.18 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



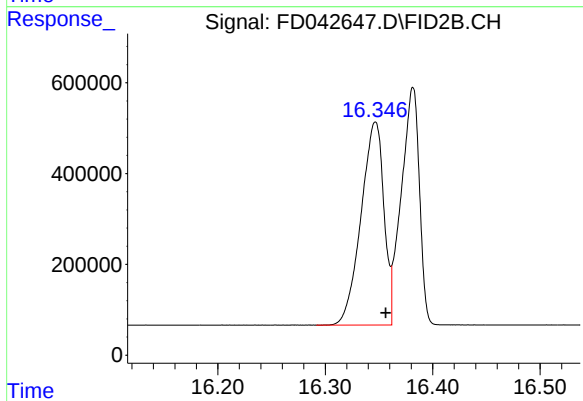
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.796 min
Delta R.T.: -0.008 min
Response: 6679452
Conc: 50.55 ug/ml



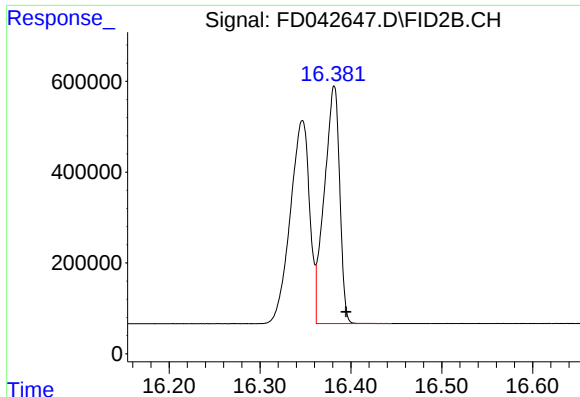
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: -0.010 min
Response: 6576303
Conc: 50.47 ug/ml



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

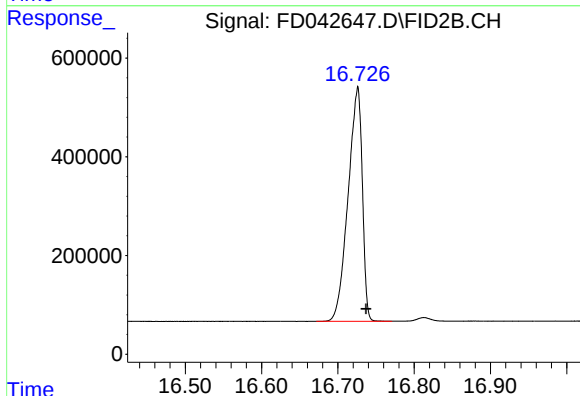
R.T.: 16.346 min
Delta R.T.: -0.010 min
Response: 6622515
Conc: 50.40 ug/ml



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

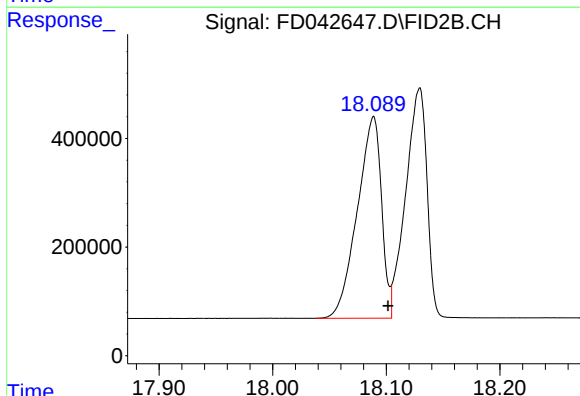
R.T.: 16.381 min
Delta R.T.: -0.014 min
Response: 6134945
Conc: 50.48 ug/ml

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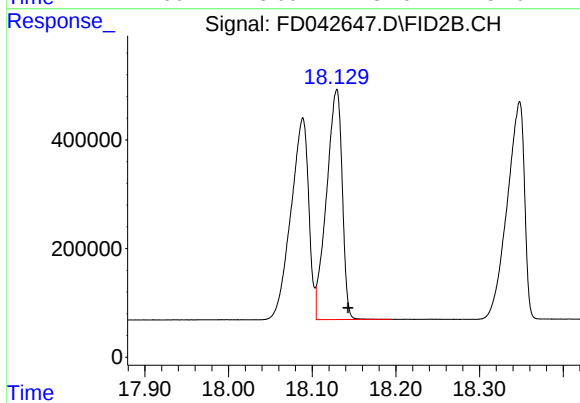
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: -0.012 min
Response: 6139353
Conc: 50.43 ug/ml



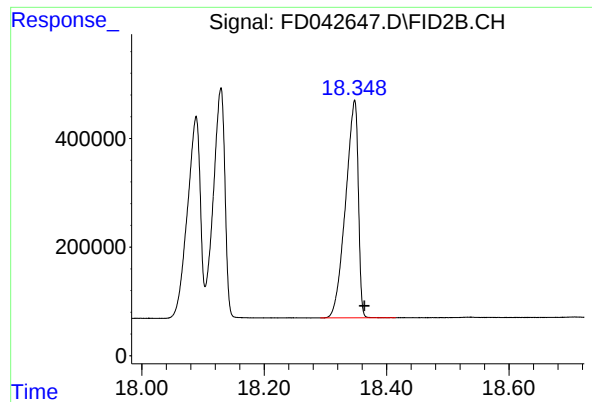
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: -0.013 min
Response: 5498695
Conc: 50.13 ug/ml



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

R.T.: 18.129 min
Delta R.T.: -0.014 min
Response: 5510625
Conc: 50.47 ug/ml



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

R.T.: 18.347 min
Delta R.T.: -0.017 min
Response: 5765154
Conc: 50.09 ug/ml

Instrument :
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