

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039628.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 3:17
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 24 04:18:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:11:23 2021
 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...	7.744	1089228	9.674 ug/ml
Spiked Amount 50.000		Recovery =	19.35%
6) S 2-Fluorobiphenyl (SURR)	8.614	718628	9.447 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.89%
11) S ortho-Terphenyl (SURR)	11.656	1222210	9.990 ug/ml
Spiked Amount 50.000		Recovery =	19.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	1233698	10.166 ug/ml
2) T Naphthalene (C11.7)	6.081	1261063	9.843 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	1271568	9.737 ug/ml
5) T Acenaphthylene (C15.06)	8.415	1184887	9.825 ug/ml
7) T Acenaphthene (C15.5)	8.710	1245170	9.722 ug/ml
8) T Flouorene (C16.55)	9.494	1191406	9.605 ug/ml
9) T Phenanthrene (C19.36)	10.895	1138754	9.450 ug/ml
10) T Anthracene (C19.43)	10.970	1135612	9.417 ug/ml
12) T Fluoranthene (C21.85)	12.712	1158313	9.782 ug/ml
13) T Pyrene (C20.8)	13.010	1113825	9.732 ug/ml
14) T Benzo[a]anthracene (C...	14.884	914364	9.235 ug/ml
15) T Chrysene (C27.41)	14.925	1112172	9.823 ug/ml
16) T benzo[b]fluoranthene ...	16.436	946378	9.661 ug/ml
17) T Bnezo[k]fluoranthene ...	16.468	1048929	10.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	913615	9.339 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	867974	9.442 ug/ml
20) T Dibenz[a,h]anthracene...	18.222	1024491	9.854 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	972777	9.859 ug/ml

(f)=RT Delta > 1/2 Window

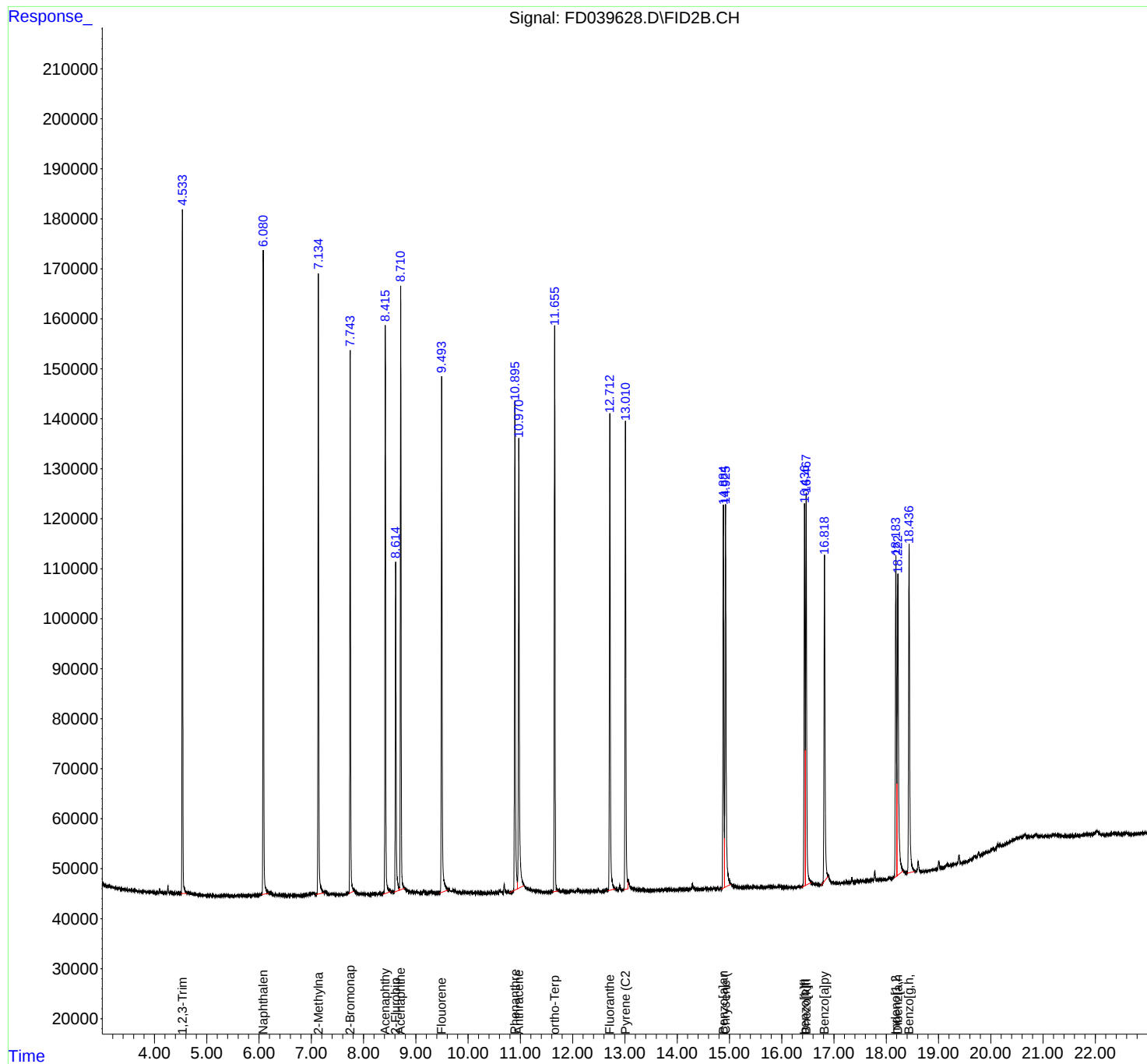
(m)=manual int.

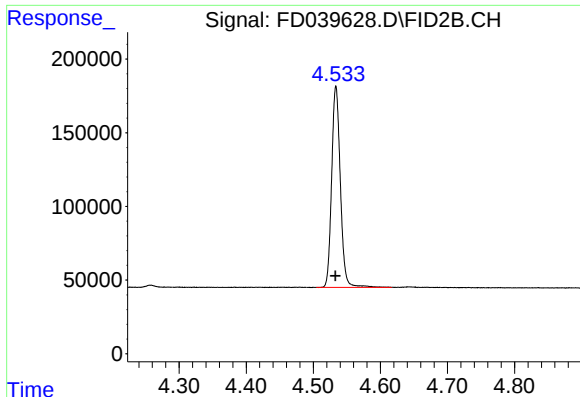
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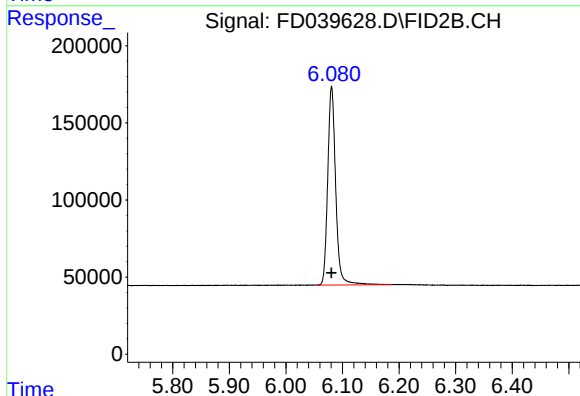




#1 1,2,3-Trimethylbenzene (C10.1)

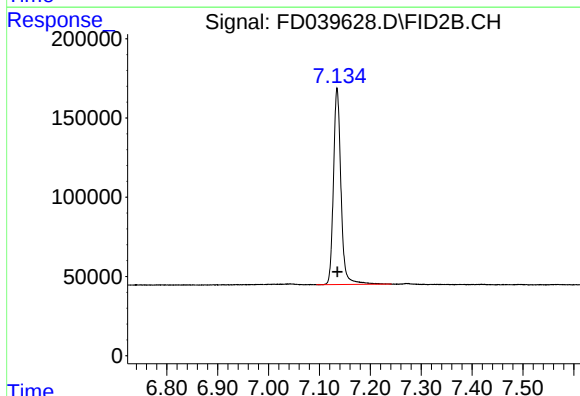
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 1233698
Conc: 10.17 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



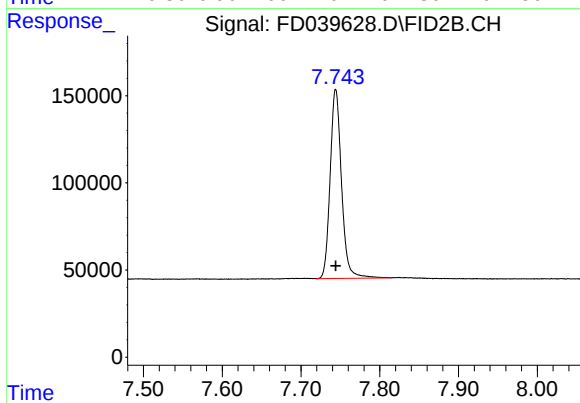
#2 Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 1261063
Conc: 9.84 ug/ml



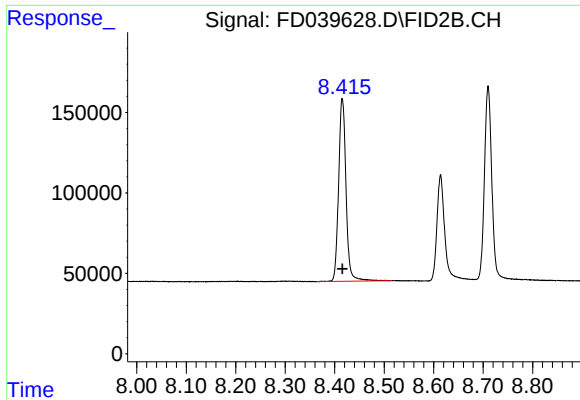
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 1271568
Conc: 9.74 ug/ml



#4 2-Bromonaphthalene (SURR)

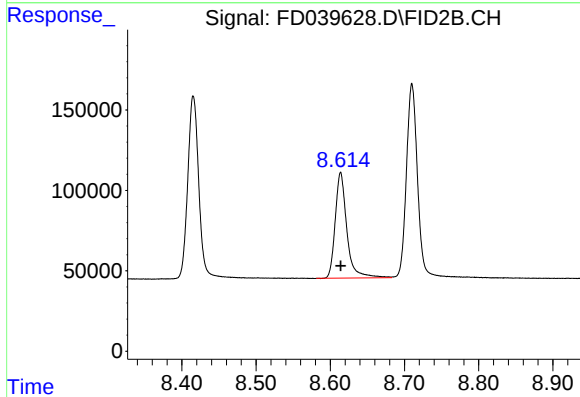
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 1089228
Conc: 9.67 ug/ml



#5 Acenaphthylene (C15.06)

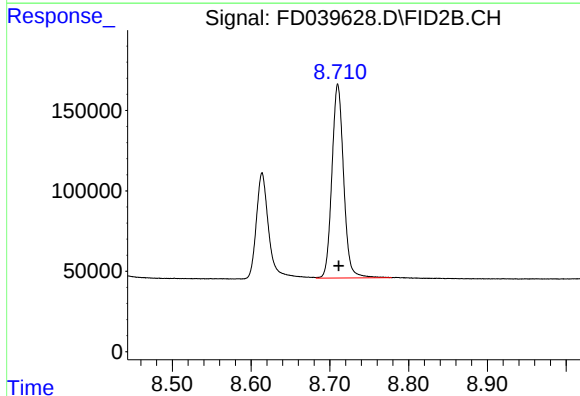
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 1184887
Conc: 9.82 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



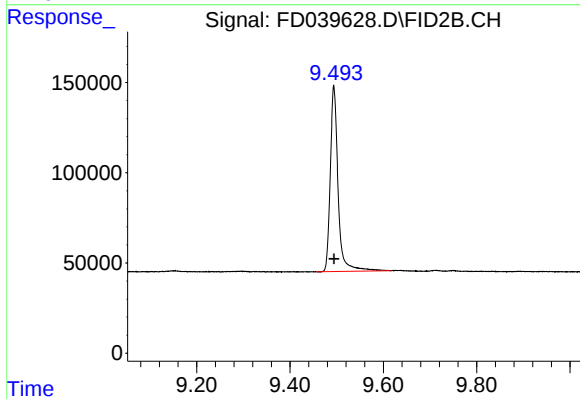
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 718628
Conc: 9.45 ug/ml



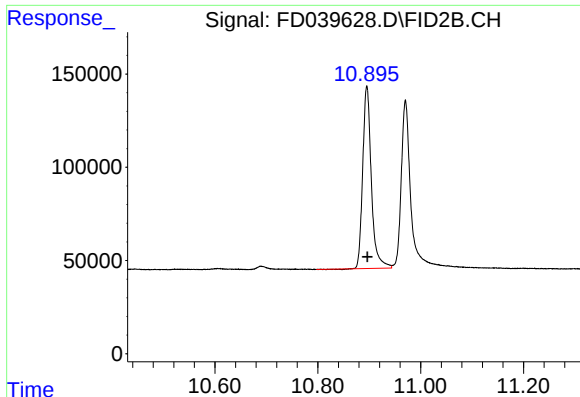
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.001 min
Response: 1245170
Conc: 9.72 ug/ml



#8 Flouorene (C16.55)

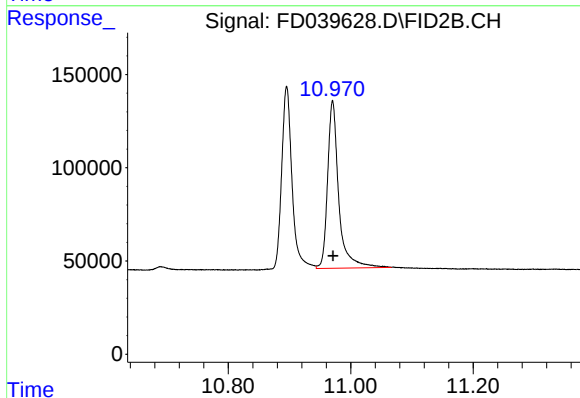
R.T.: 9.494 min
Delta R.T.: 0.000 min
Response: 1191406
Conc: 9.61 ug/ml



#9 Phenanthrene (C19.36)

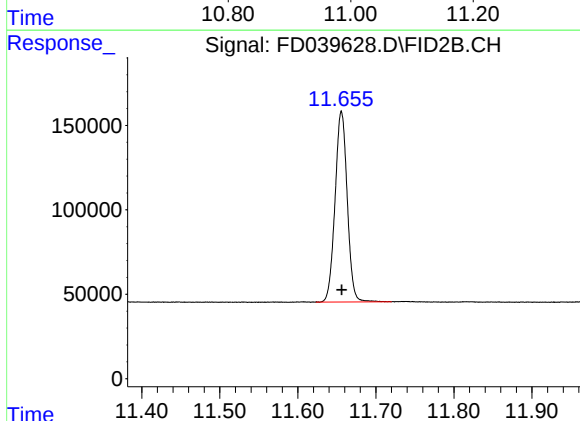
R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 1138754
Conc: 9.45 ug/ml

Instrument :
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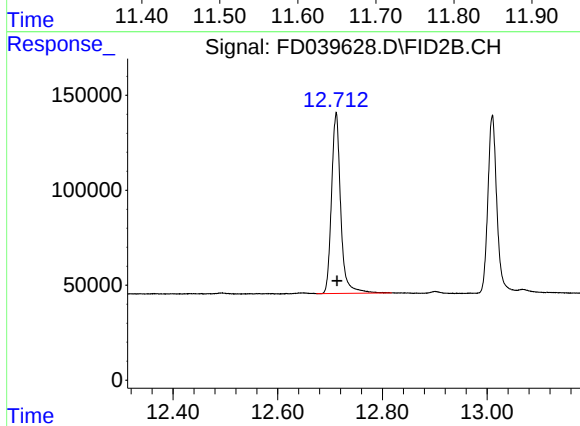
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: 0.000 min
Response: 1135612
Conc: 9.42 ug/ml



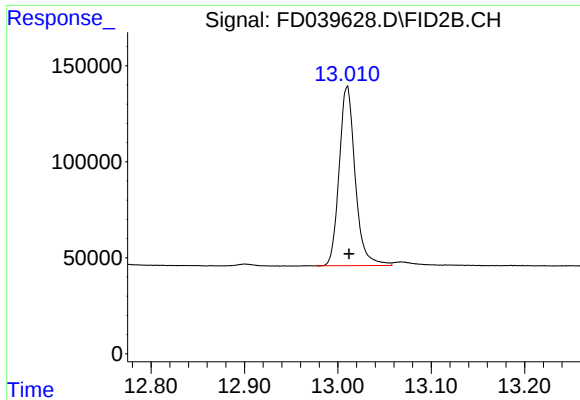
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 1222210
Conc: 9.99 ug/ml



#12 Fluoranthene (C21.85)

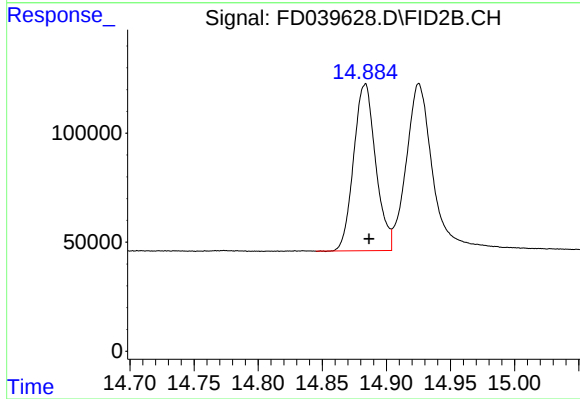
R.T.: 12.712 min
Delta R.T.: -0.001 min
Response: 1158313
Conc: 9.78 ug/ml



#13 Pyrene (C20.8)

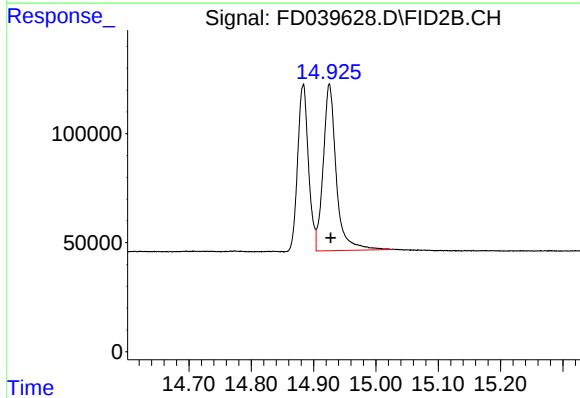
R.T.: 13.010 min
Delta R.T.: -0.002 min
Response: 1113825
Conc: 9.73 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



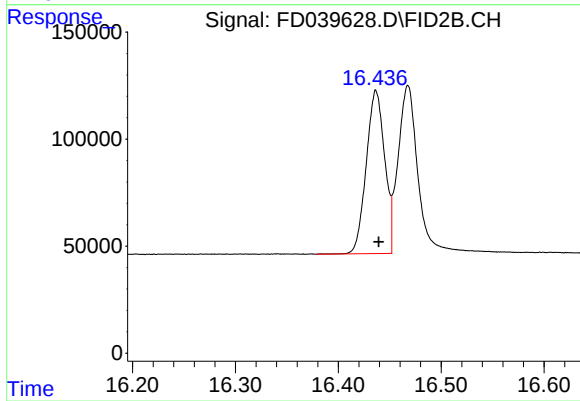
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.003 min
Response: 914364
Conc: 9.24 ug/ml



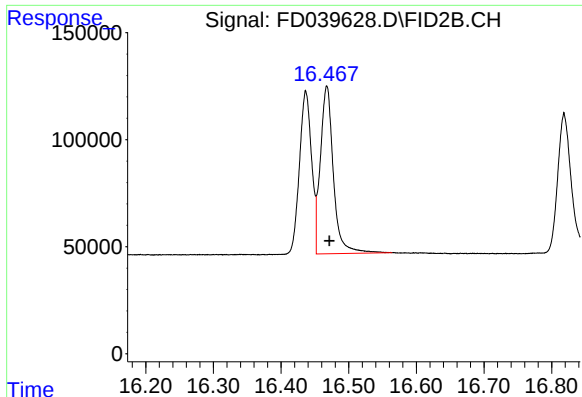
#15 Chrysene (C27.41)

R.T.: 14.925 min
Delta R.T.: -0.002 min
Response: 1112172
Conc: 9.82 ug/ml



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

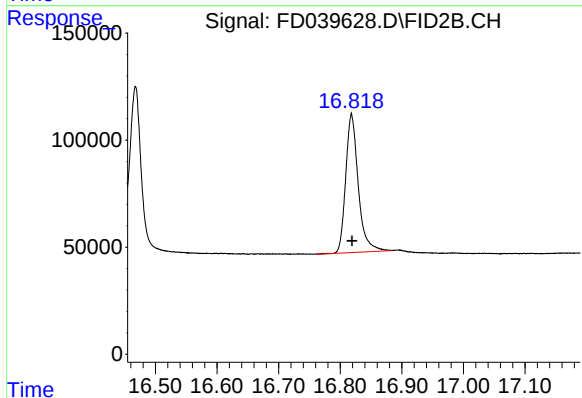
R.T.: 16.436 min
Delta R.T.: -0.003 min
Response: 946378
Conc: 9.66 ug/ml



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

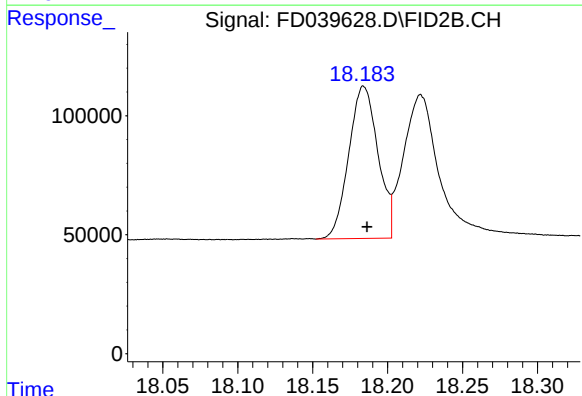
R.T.: 16.468 min
Delta R.T.: -0.003 min
Response: 1048929
Conc: 10.07 ug/ml

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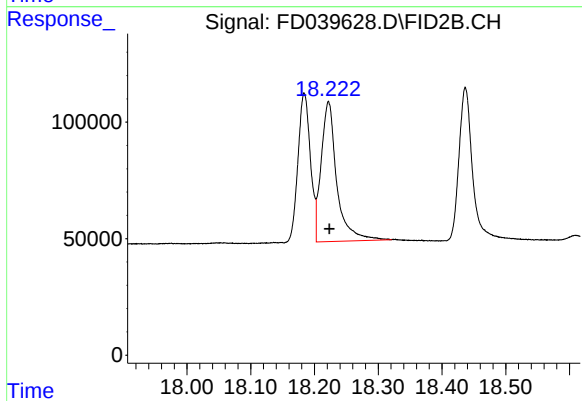
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: 0.000 min
Response: 913615
Conc: 9.34 ug/ml



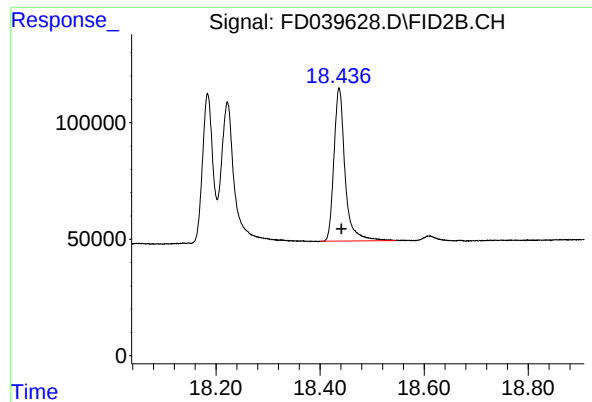
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.002 min
Response: 867974
Conc: 9.44 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.002 min
Response: 1024491
Conc: 9.85 ug/ml



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

R.T.: 18.437 min
Delta R.T.: -0.005 min
Response: 972777
Conc: 9.86 ug/ml

Instrument :
FID_D
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