

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035258.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 5:48
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 06:24:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 05:09:03 2020
 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...	7.644	502720	4.198 ug/ml
Spiked Amount 50.000		Recovery =	8.40%
6) S 2-Fluorobiphenyl (SURR)	8.509	318681	3.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.61%
11) S ortho-Terphenyl (SURR)	11.543	651079	4.571 ug/ml
Spiked Amount 50.000		Recovery =	9.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	584828	4.396 ug/ml
2) T Naphthalene (C11.7)	5.982	585796	4.198 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	589978	4.179 ug/ml
5) T Acenaphthylene (C15.06)	8.307	614016	4.435 ug/ml
7) T Acenaphthene (C15.5)	8.601	628554	4.404 ug/ml
8) T Flouorene (C16.55)	9.386	567078	4.119 ug/ml
9) T Phenanthrene (C19.36)	10.782	565883	4.113 ug/ml
10) T Anthracene (C19.43)	10.859	603153	4.284 ug/ml
12) T Fluoranthene (C21.85)	12.593	598584	4.304 ug/ml
13) T Pyrene (C20.8)	12.889	613529	4.555 ug/ml
14) T Benzo[a]anthracene (C...	14.762	496634	3.994 ug/ml
15) T Chrysene (C27.41)	14.802	641766	4.689 ug/ml
16) T benzo[b]fluoranthene ...	16.311	514481	4.198 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	596466	4.750 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	507490	4.468 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.058	413612	3.948 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	577583	4.851 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	489631	4.416 ug/ml

(f)=RT Delta > 1/2 Window

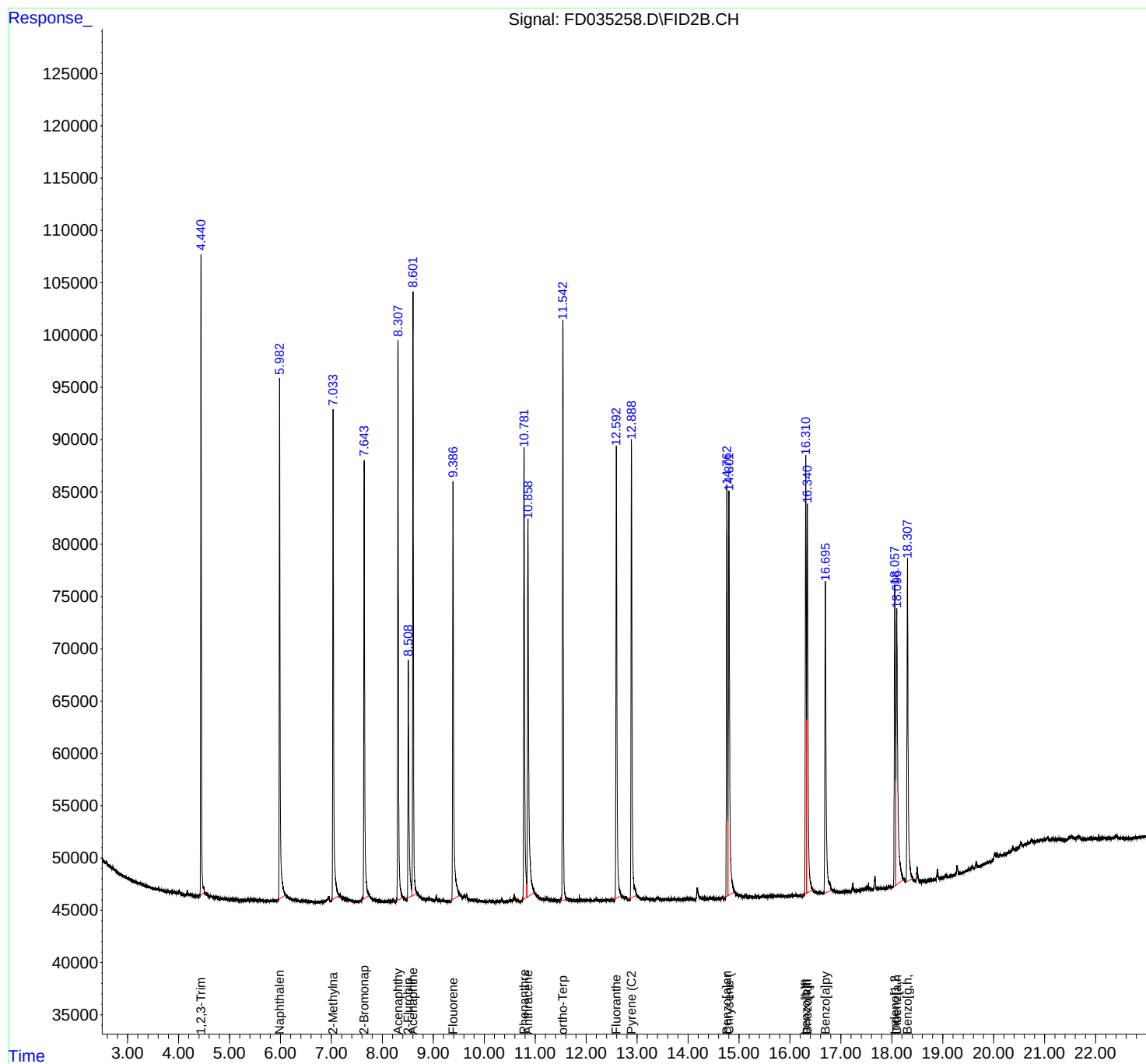
(m)=manual int.

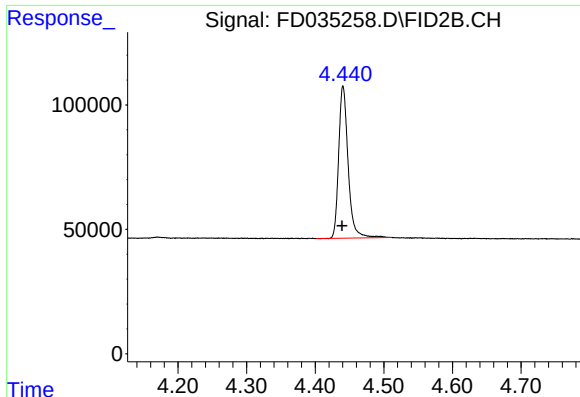
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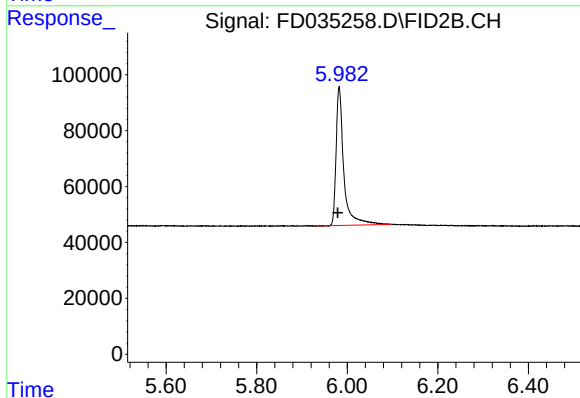




#1 1,2,3-Trimethylbenzene (C10.1)

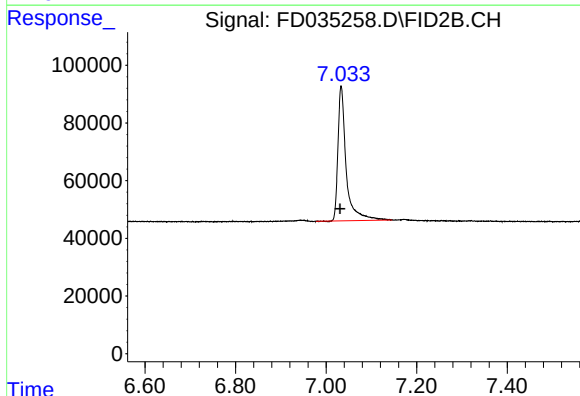
R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 584828
Conc: 4.40 ug/ml

Instrument :
FID_D
ClientSampleId :



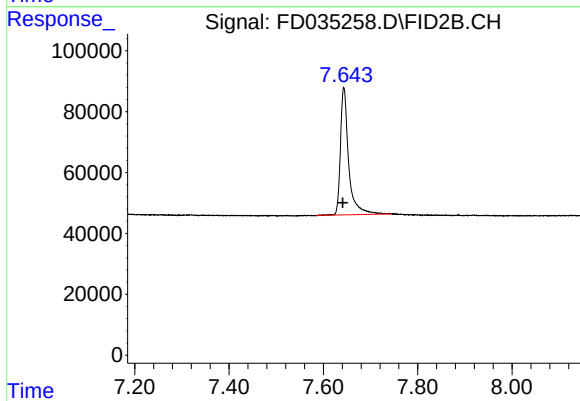
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.004 min
Response: 585796
Conc: 4.20 ug/ml



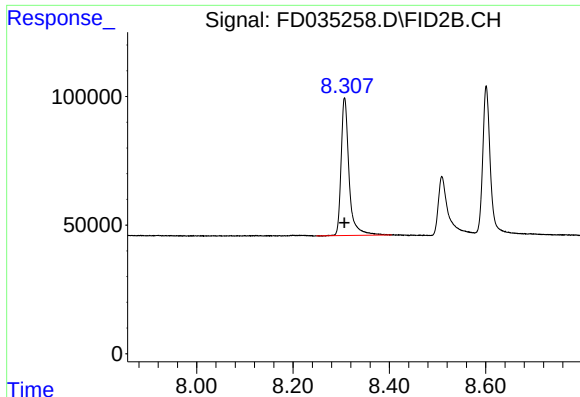
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 589978
Conc: 4.18 ug/ml



#4 2-Bromonaphthalene (SURR)

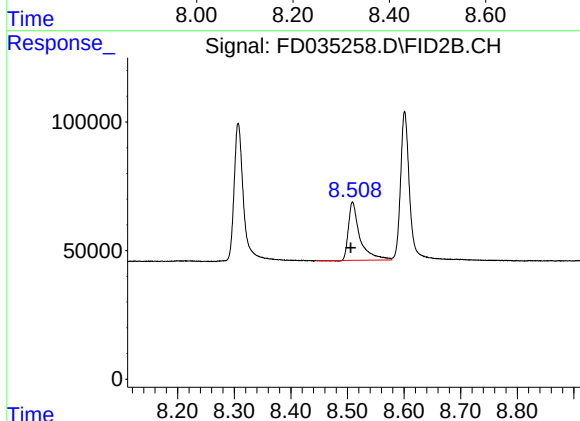
R.T.: 7.644 min
Delta R.T.: 0.003 min
Response: 502720
Conc: 4.20 ug/ml



#5 Acenaphthylene (C15.06)

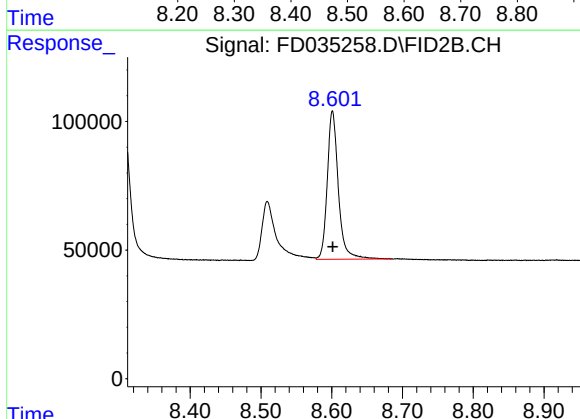
R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 614016
Conc: 4.44 ug/ml

Instrument :
FID_D
ClientSampleId :



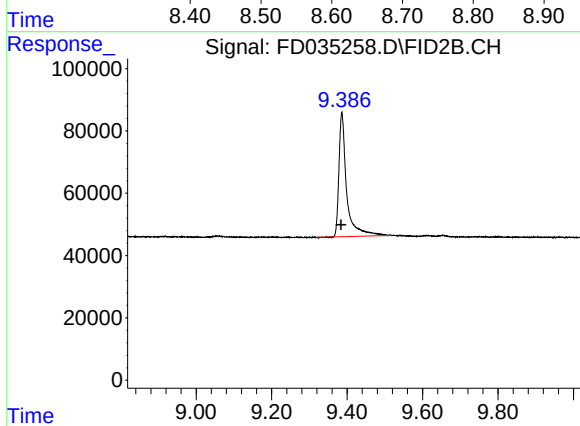
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: 0.004 min
Response: 318681
Conc: 3.80 ug/ml



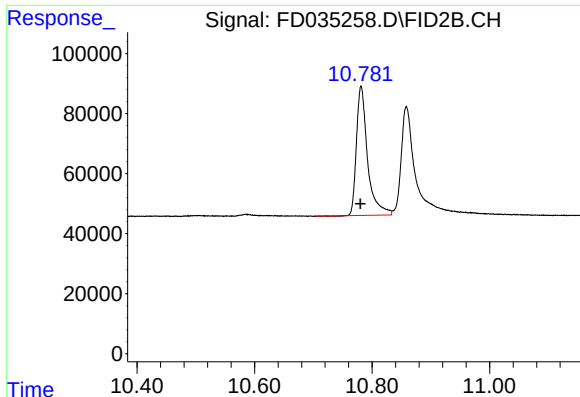
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 628554
Conc: 4.40 ug/ml



#8 Flouorene (C16.55)

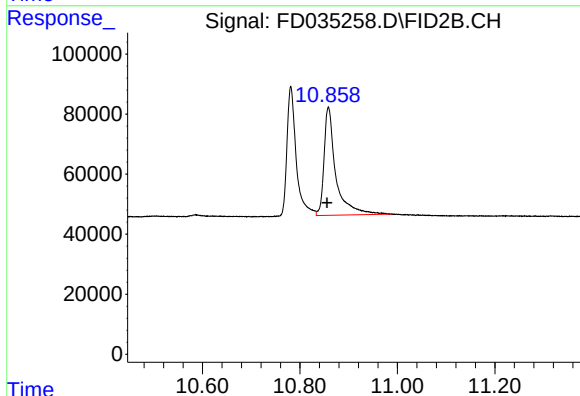
R.T.: 9.386 min
Delta R.T.: 0.003 min
Response: 567078
Conc: 4.12 ug/ml



#9 Phenanthrene (C19.36)

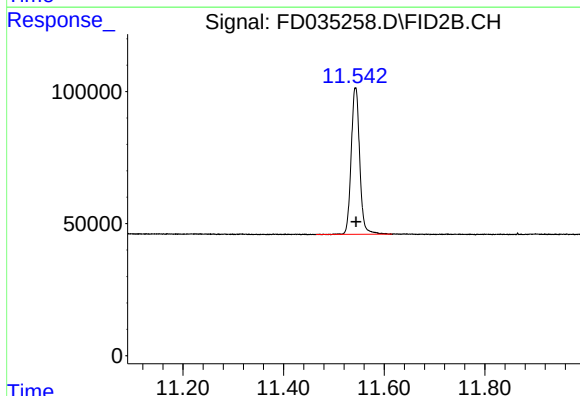
R.T.: 10.782 min
Delta R.T.: 0.001 min
Response: 565883
Conc: 4.11 ug/ml

Instrument :
FID_D
ClientSampleId :



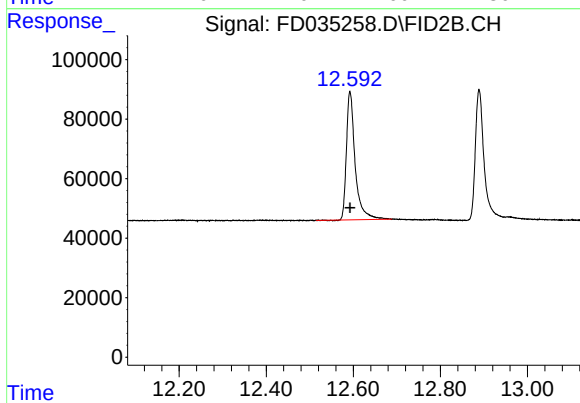
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 603153
Conc: 4.28 ug/ml



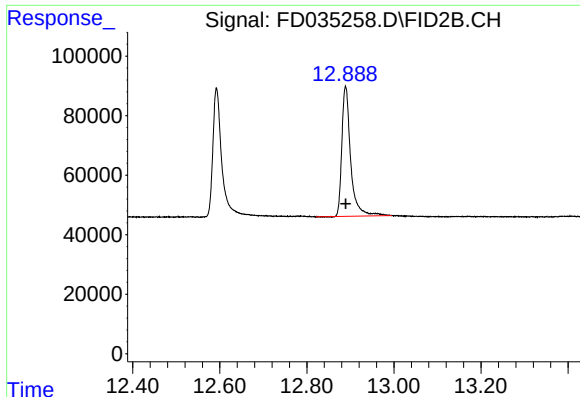
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 651079
Conc: 4.57 ug/ml



#12 Fluoranthene (C21.85)

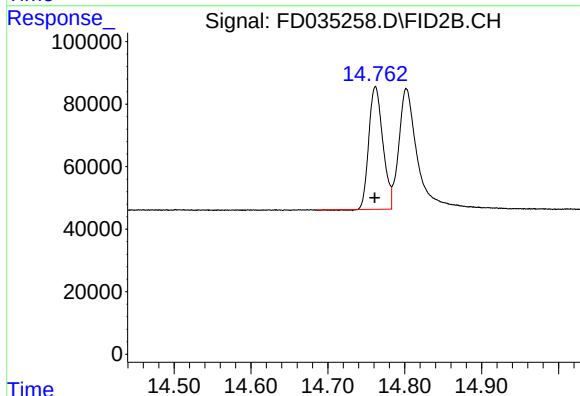
R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 598584
Conc: 4.30 ug/ml



#13 Pyrene (C20.8)

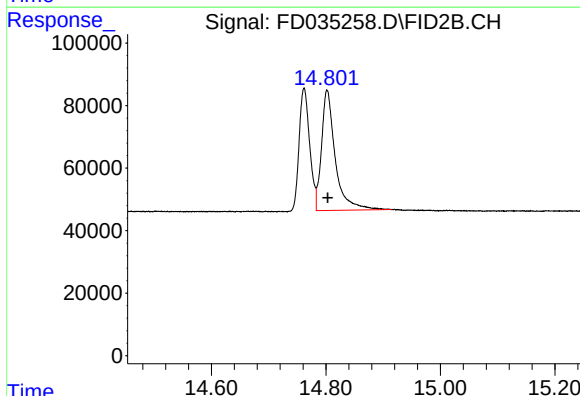
R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 613529
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :



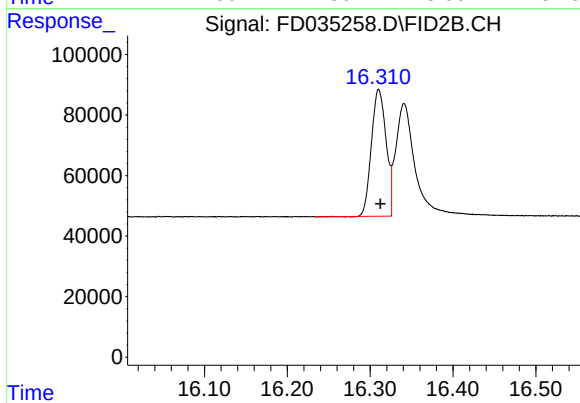
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: 0.000 min
Response: 496634
Conc: 3.99 ug/ml



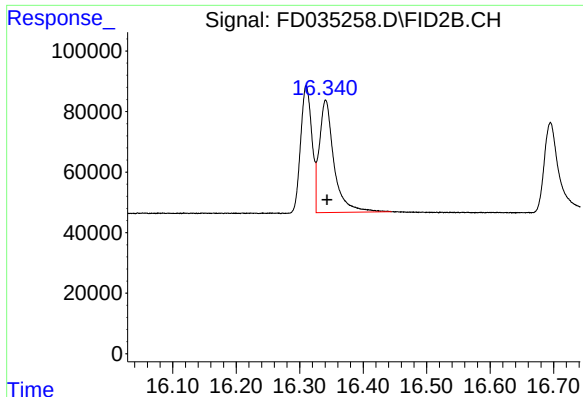
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 641766
Conc: 4.69 ug/ml



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

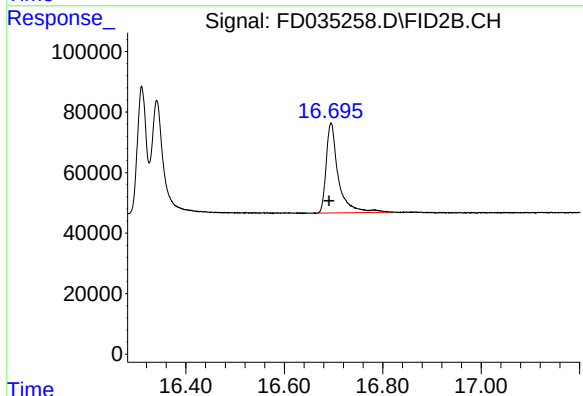
R.T.: 16.311 min
Delta R.T.: -0.002 min
Response: 514481
Conc: 4.20 ug/ml



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

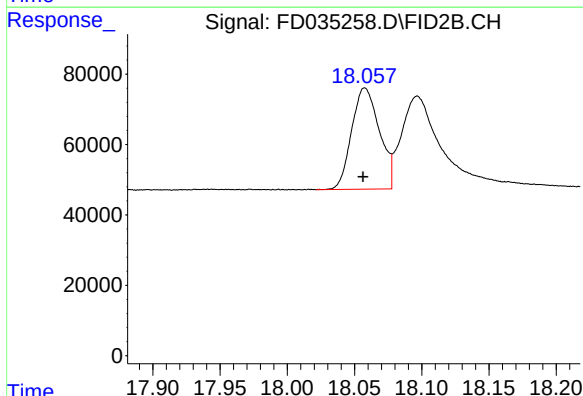
R.T.: 16.341 min
Delta R.T.: -0.002 min
Response: 596466
Conc: 4.75 ug/ml

Instrument :
FID_D
ClientSampleId :



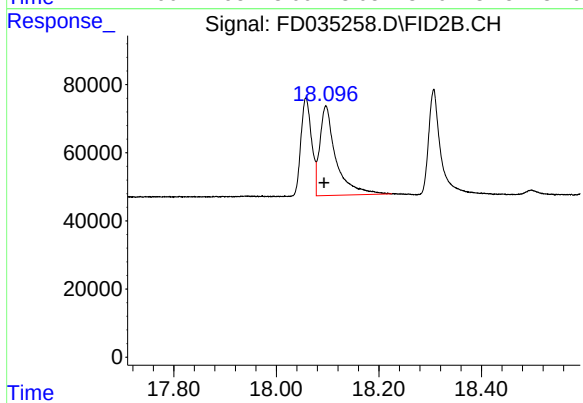
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: 0.004 min
Response: 507490
Conc: 4.47 ug/ml



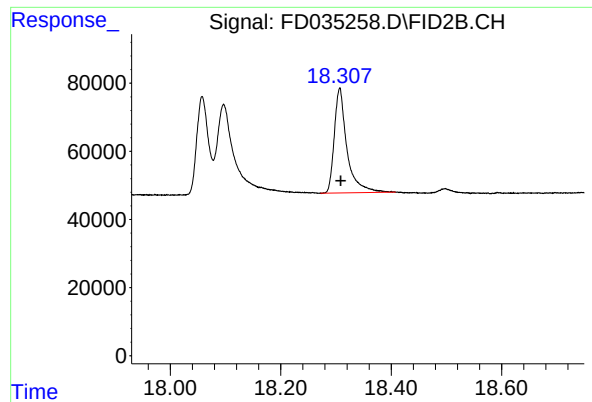
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: 0.002 min
Response: 413612
Conc: 3.95 ug/ml



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

R.T.: 18.097 min
Delta R.T.: 0.004 min
Response: 577583
Conc: 4.85 ug/ml



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

R.T.: 18.307 min
Delta R.T.: -0.002 min
Response: 489631
Conc: 4.42 ug/ml

Instrument :
FID_D
ClientSampleId :