

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
 Data File : FD031888.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2019 10:11
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 27 01:36:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.635	2718856	21.981 ug/ml
Spiked Amount 50.000		Recovery =	43.96%
6) S 2-Fluorobiphenyl (SURR)	8.497	1853880	21.735 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.47%
11) S ortho-Terphenyl (SURR)	11.535	2854722	21.577 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2847817	22.535 ug/ml
2) T Naphthalene (C11.7)	5.975	3018336	22.384 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2975277	22.108 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2799208	21.475 ug/ml
7) T Acenaphthene (C15.5)	8.596	2954862	21.865 ug/ml
8) T Flouorene (C16.55)	9.375	2913104	21.658 ug/ml
9) T Phenanthrene (C19.36)	10.770	2863806	21.233 ug/ml
10) T Anthracene (C19.43)	10.844	2450112	18.368 ug/ml
12) T Fluoranthene (C21.85)	12.580	2838244	20.977 ug/ml
13) T Pyrene (C20.8)	12.876	2796996	20.868 ug/ml
14) T Benzo[a]anthracene (C...	14.787	2630332	20.647 ug/ml
15) T Chrysene (C27.41)	14.787	2630332	20.616 ug/ml
16) T benzo[b]fluoranthene ...	16.325	2541296	20.629 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2541296	20.904 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2509349	20.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	2539986	22.094 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	2539986	22.502 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2486526	21.943 ug/ml

(f)=RT Delta > 1/2 Window

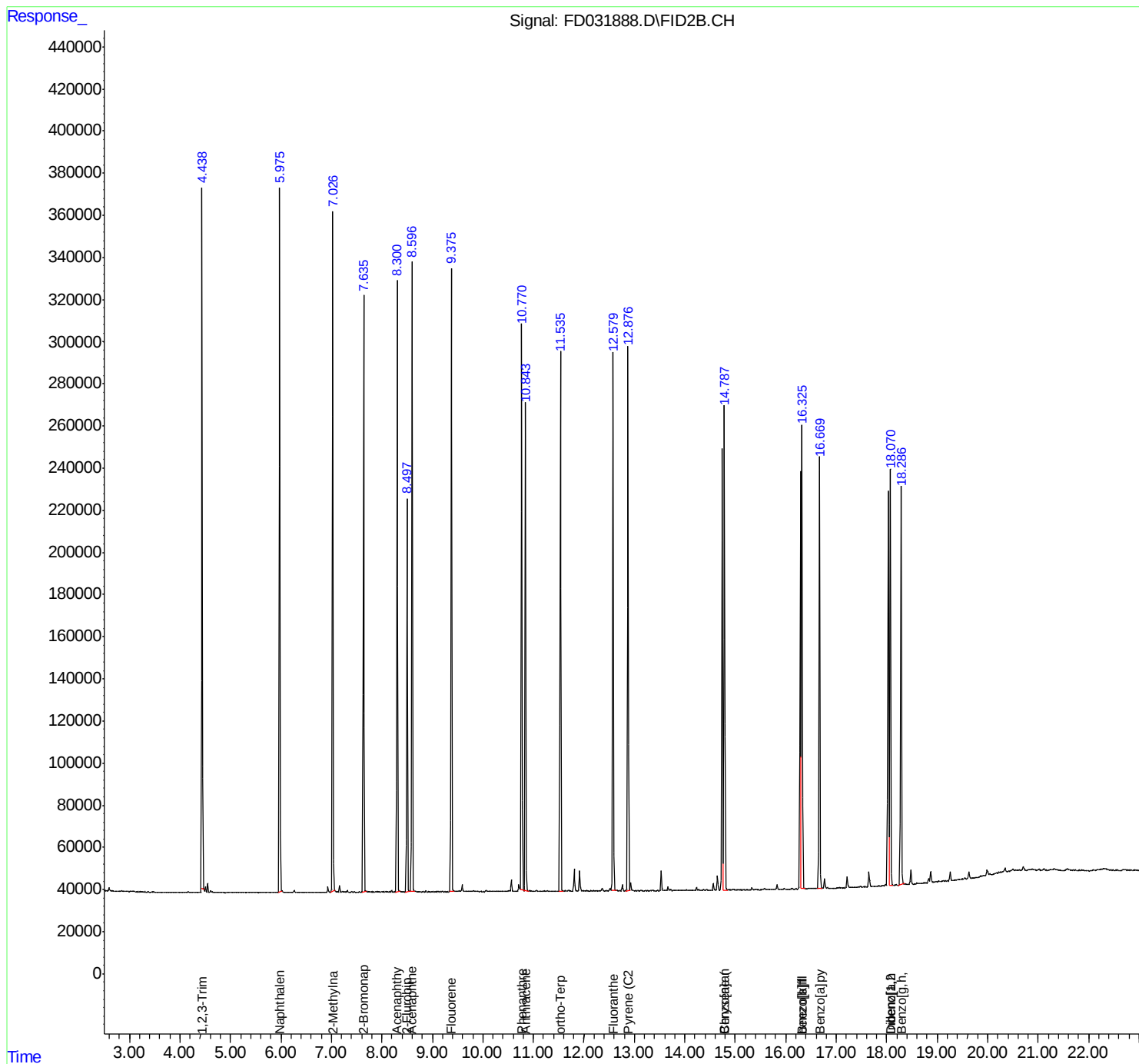
(m)=manual int.

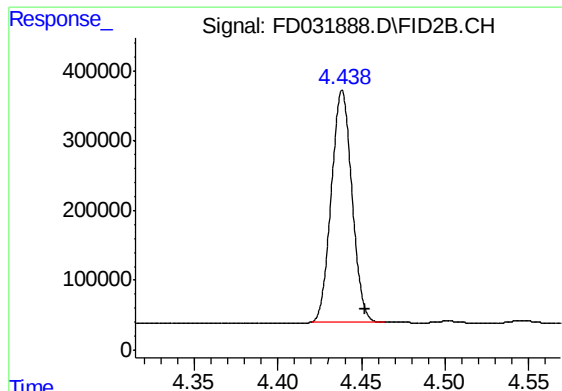
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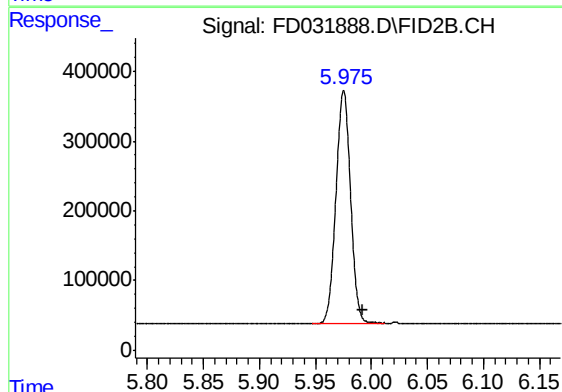




#1 1,2,3-Trimethylbenzene (C10.1)

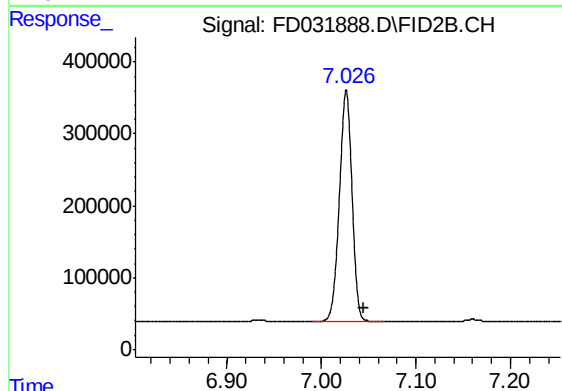
R.T.: 4.438 min
Delta R.T.: -0.014 min
Response: 2847817
Conc: 22.54 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



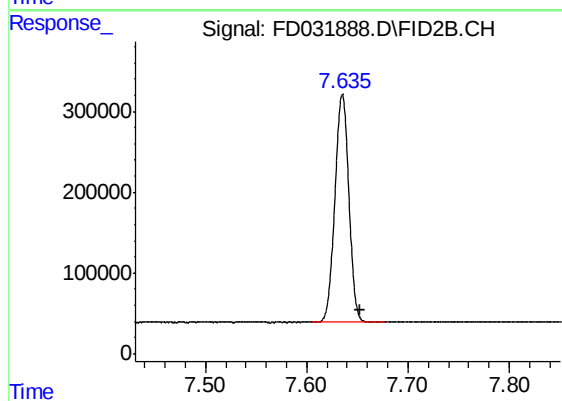
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.017 min
Response: 3018336
Conc: 22.38 ug/ml



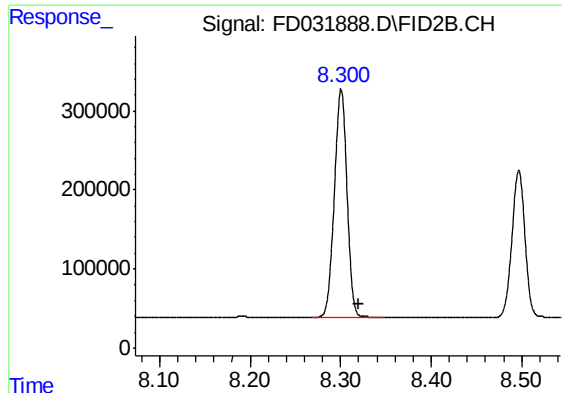
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.019 min
Response: 2975277
Conc: 22.11 ug/ml



#4 2-Bromonaphthalene (SURR)

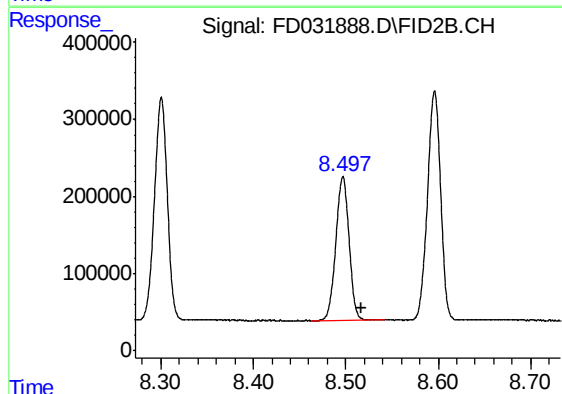
R.T.: 7.635 min
Delta R.T.: -0.018 min
Response: 2718856
Conc: 21.98 ug/ml



#5 Acenaphthylene (C15.06)

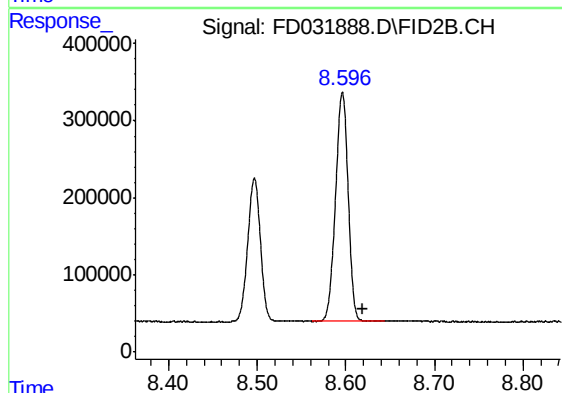
R.T.: 8.301 min
Delta R.T.: -0.020 min
Response: 2799208
Conc: 21.47 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



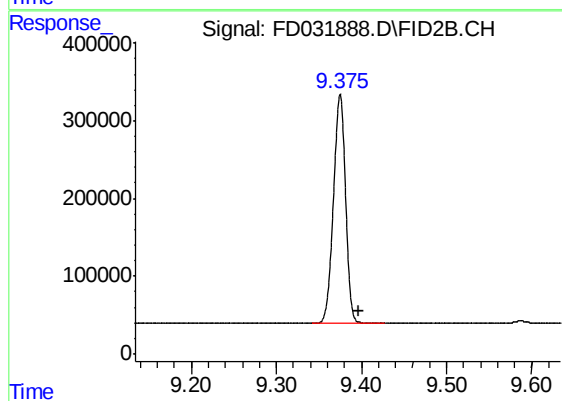
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.020 min
Response: 1853880
Conc: 21.73 ug/ml



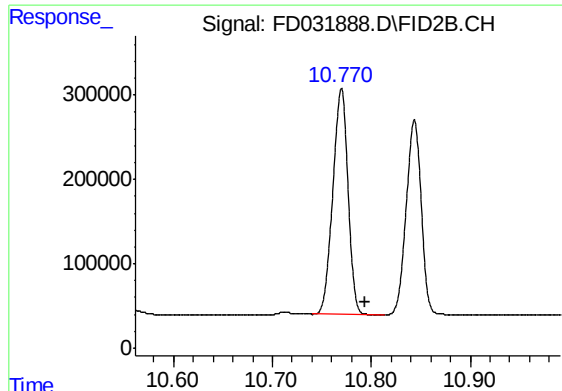
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: -0.022 min
Response: 2954862
Conc: 21.87 ug/ml



#8 Fluorene (C16.55)

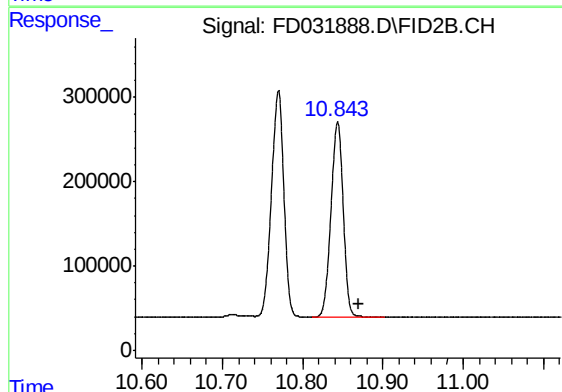
R.T.: 9.375 min
Delta R.T.: -0.022 min
Response: 2913104
Conc: 21.66 ug/ml



#9 Phenanthrene (C19.36)

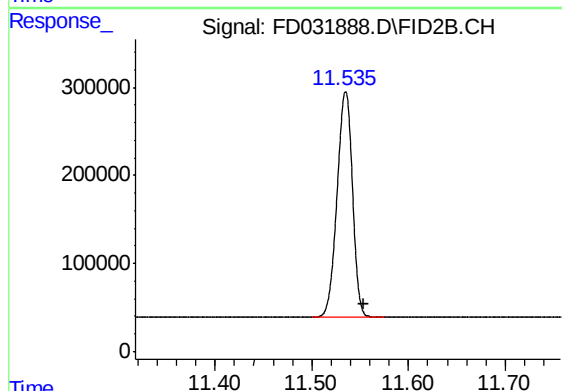
R.T.: 10.770 min
Delta R.T.: -0.024 min
Response: 2863806
Conc: 21.23 ug/ml

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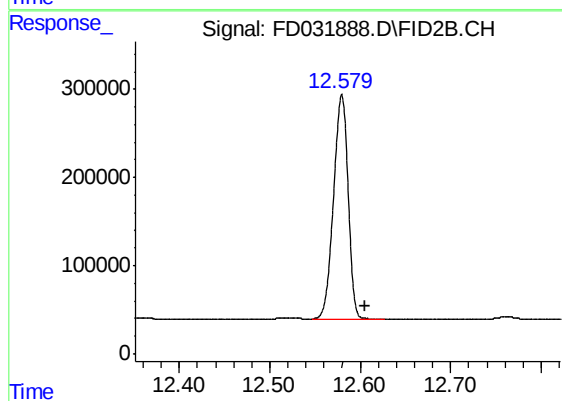
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.026 min
Response: 2450112
Conc: 18.37 ug/ml



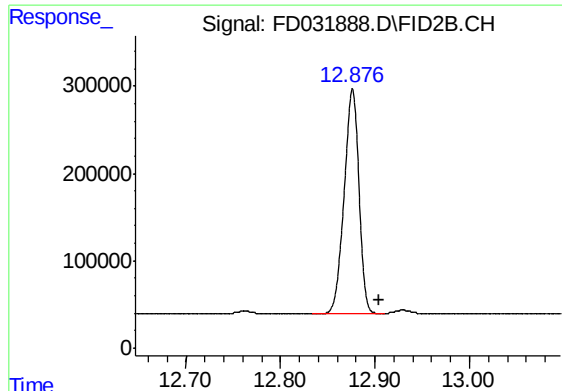
#11 ortho-Terphenyl (SURRE)

R.T.: 11.535 min
Delta R.T.: -0.019 min
Response: 2854722
Conc: 21.58 ug/ml



#12 Fluoranthene (C21.85)

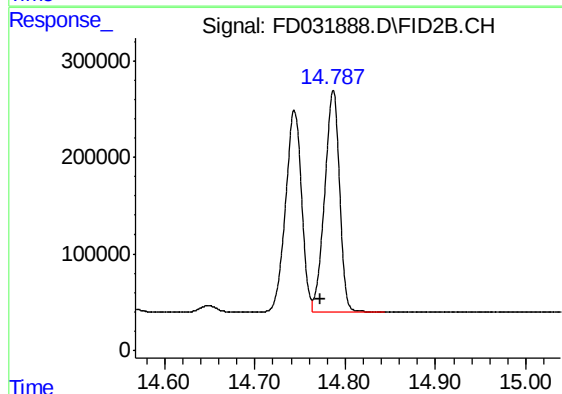
R.T.: 12.580 min
Delta R.T.: -0.026 min
Response: 2838244
Conc: 20.98 ug/ml



#13 Pyrene (C20.8)

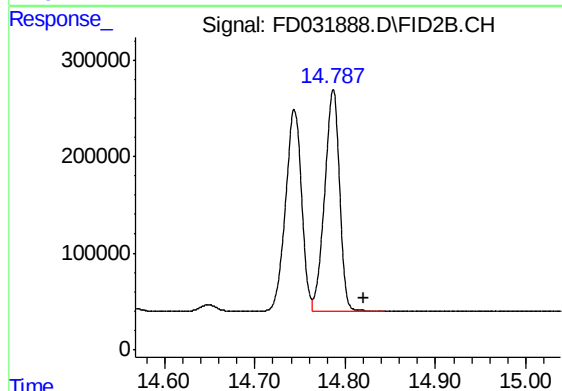
R.T.: 12.876 min
Delta R.T.: -0.028 min
Response: 2796996
Conc: 20.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



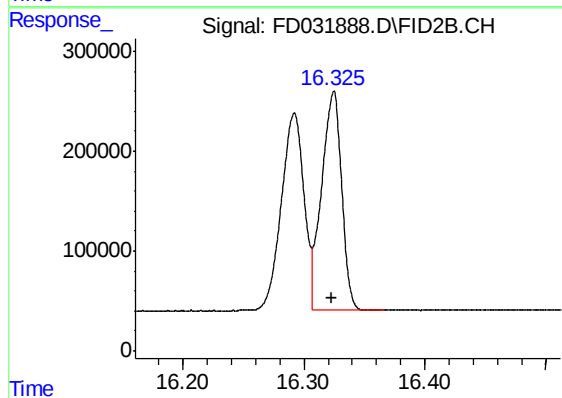
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.015 min
Response: 2630332
Conc: 20.65 ug/ml



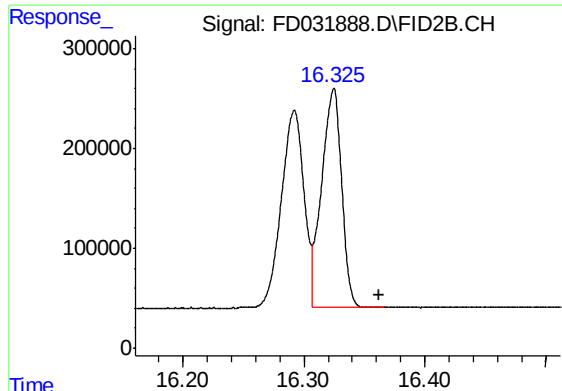
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.033 min
Response: 2630332
Conc: 20.62 ug/ml



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

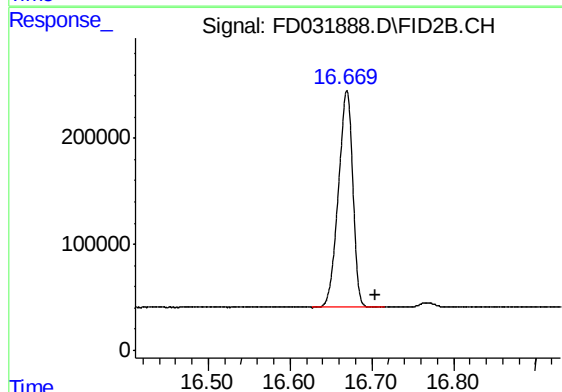
R.T.: 16.325 min
Delta R.T.: 0.002 min
Response: 2541296
Conc: 20.63 ug/ml



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

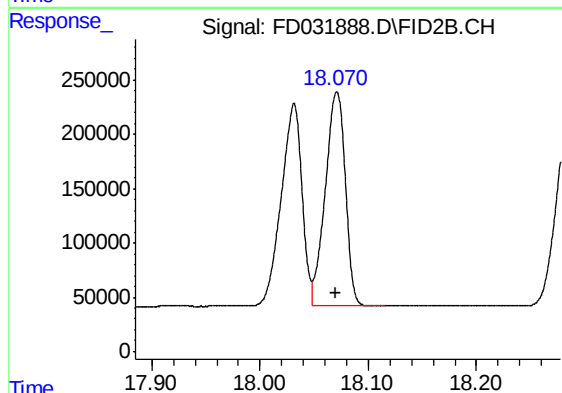
R.T.: 16.325 min
Delta R.T.: -0.037 min
Response: 2541296
Conc: 20.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



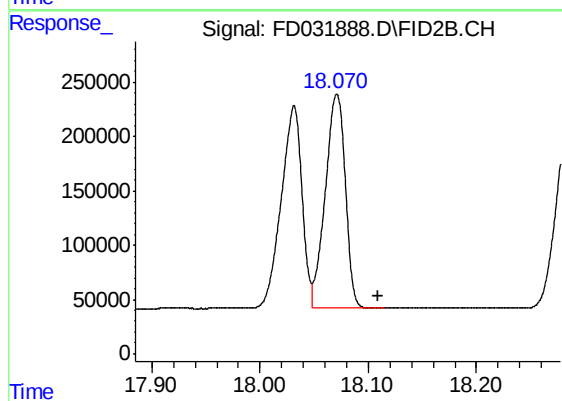
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.035 min
Response: 2509349
Conc: 20.94 ug/ml



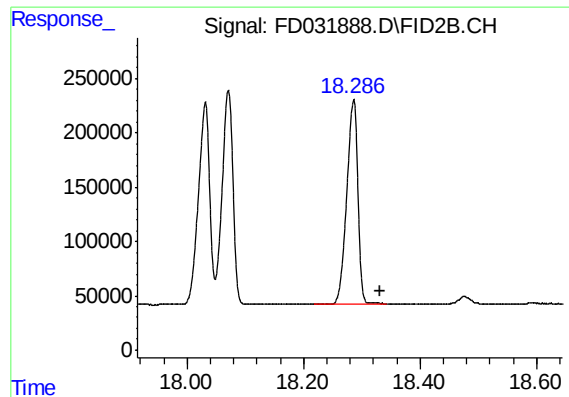
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 2539986
Conc: 22.09 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.038 min
Response: 2539986
Conc: 22.50 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.045 min
Response: 2486526
Conc: 21.94 ug/ml

Instrument :
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ClientSampleId :
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