

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110918AR\
 Data File : FD026487.D
 Signal(s) : FID2B.CH
 Acq On : 10 Nov 2018 10:35
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 09:24:57 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.394	1561109	20.560 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
6) S 2-Fluorobiphenyl (SURR)	8.245	1094210	20.926 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.85%
11) S ortho-Terphenyl (SURR)	11.290	1872763	22.095 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	1705395	21.365 ug/ml
2) T Naphthalene (C11.7)	5.728	1838217	20.946 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	1801182	20.781 ug/ml
5) T Acenaphthylene (C15.06)	8.049	1758456	20.746 ug/ml
7) T Acenaphthene (C15.5)	8.344	1841181	20.825 ug/ml
8) T Fluorene (C16.55)	9.123	1842973	20.912 ug/ml
9) T Phenanthrene (C19.36)	10.513	1916426	21.830 ug/ml
10) T Anthracene (C19.43)	10.588	1913348	21.854 ug/ml
12) T Fluoranthene (C21.85)	12.320	2040017	23.424 ug/ml
13) T Pyrene (C20.8)	12.615	2070113	23.884 ug/ml
14) T Benzo[a]anthracene (C...	14.484	2050341	24.111 ug/ml
15) T Chrysene (C27.41)	14.526	2063818	24.083 ug/ml
16) T benzo[b]fluoranthene ...	16.031	2097457	22.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	2105929	22.742 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	2085455	22.095 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	2015778	20.992 ug/ml
20) T Dibenz[a,h]anthracene...	17.811	1990086	21.201 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	2068758	21.043 ug/ml

(f)=RT Delta > 1/2 Window

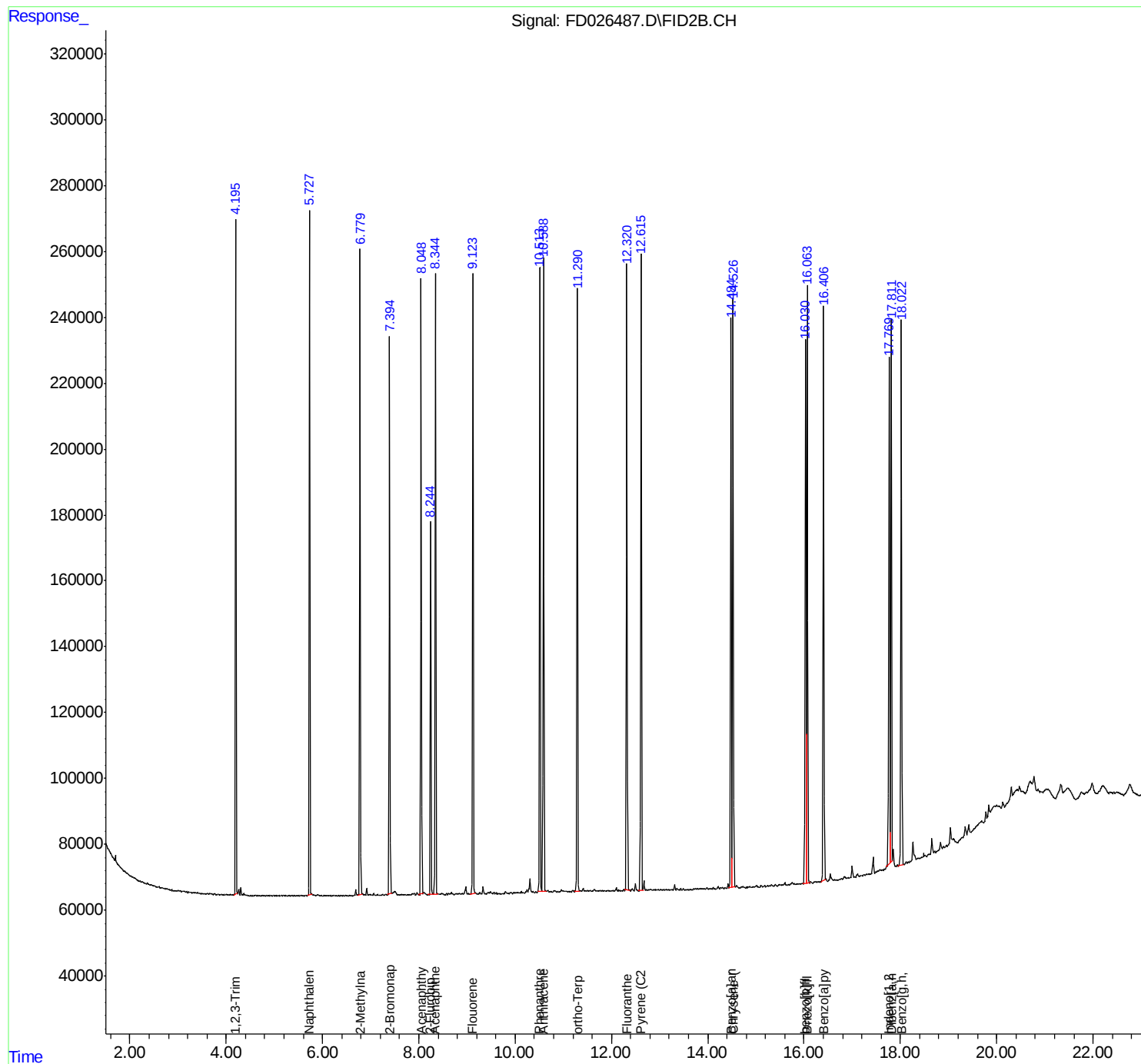
(m)=manual int.

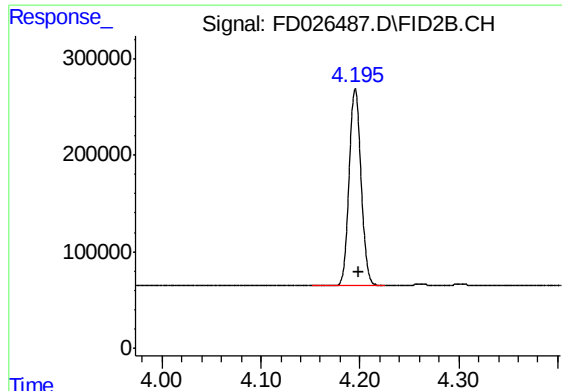
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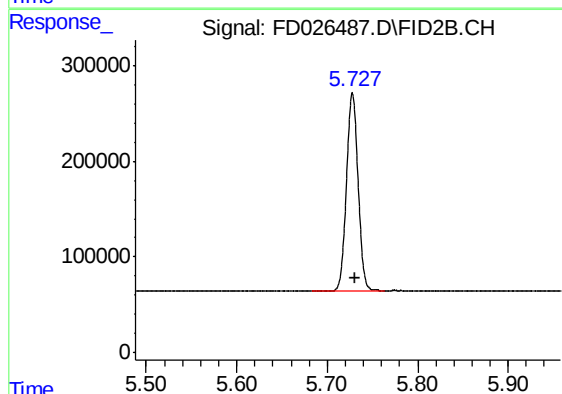




#1 1,2,3-Trimethylbenzene (C10.1)

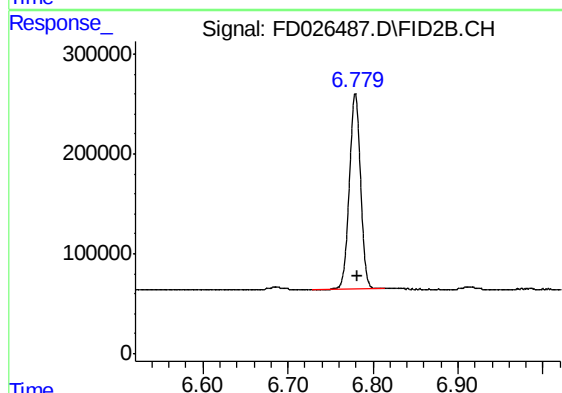
R.T.: 4.195 min
Delta R.T.: -0.004 min
Response: 1705395
Conc: 21.36 ug/ml

Instrument :
FID_D
ClientSampleId :



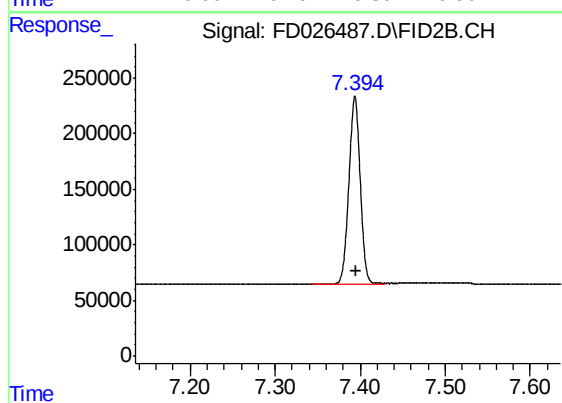
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 1838217
Conc: 20.95 ug/ml



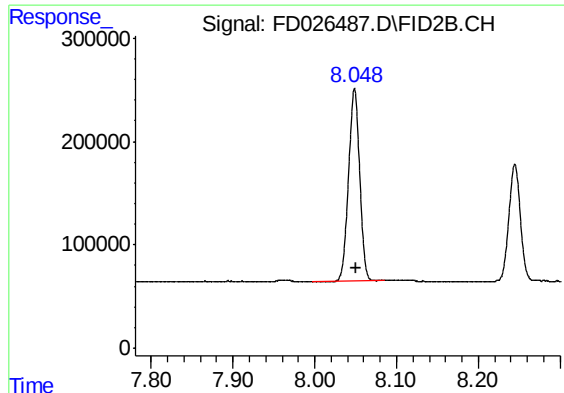
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 1801182
Conc: 20.78 ug/ml



#4 2-Bromonaphthalene (SURR)

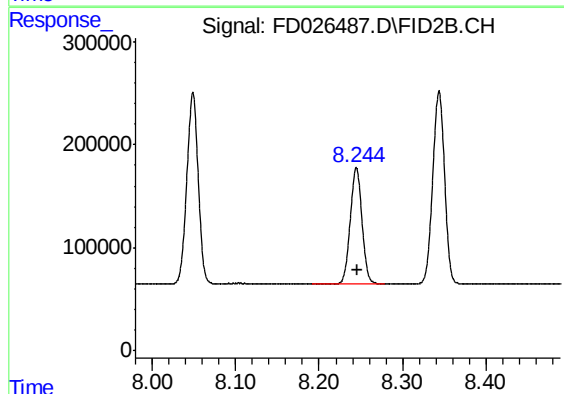
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 1561109
Conc: 20.56 ug/ml



#5 Acenaphthylene (C15.06)

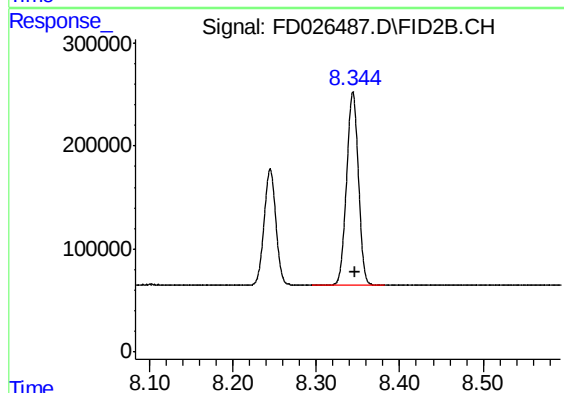
R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 1758456
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :



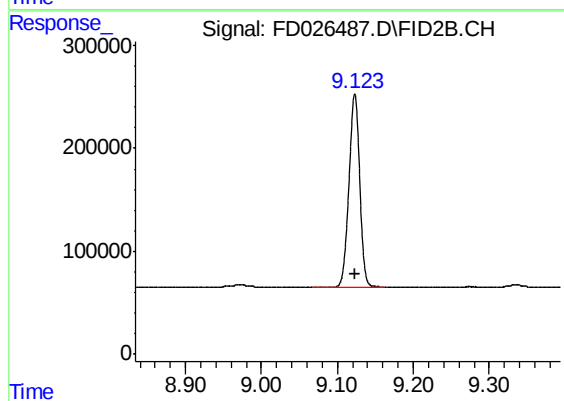
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: -0.002 min
Response: 1094210
Conc: 20.93 ug/ml



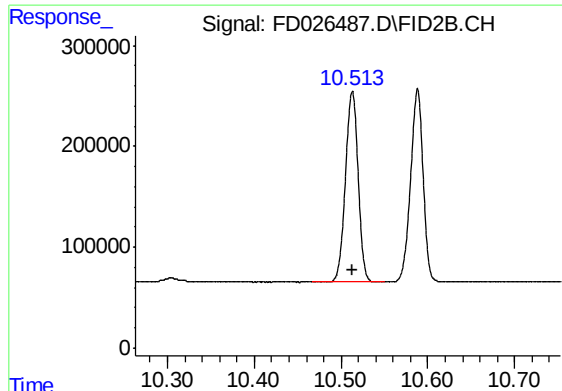
#7 Acenaphthene (C15.5)

R.T.: 8.344 min
Delta R.T.: -0.002 min
Response: 1841181
Conc: 20.82 ug/ml



#8 Fluorene (C16.55)

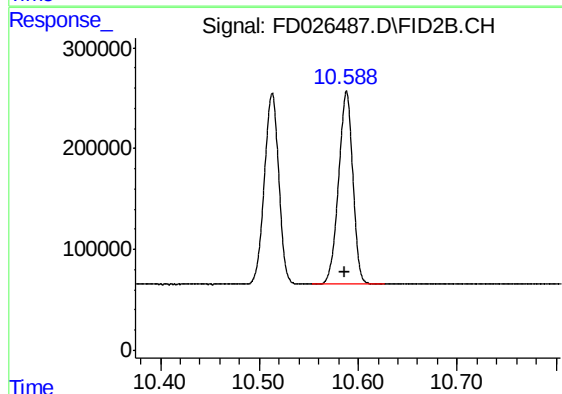
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 1842973
Conc: 20.91 ug/ml



#9 Phenanthrene (C19.36)

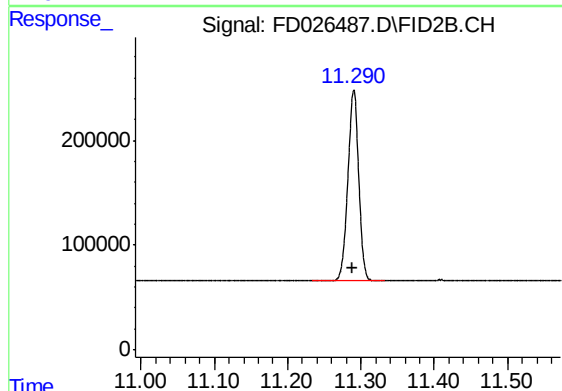
R.T.: 10.513 min
Delta R.T.: 0.000 min
Response: 1916426
Conc: 21.83 ug/ml

Instrument :
FID_D
ClientSampleId :



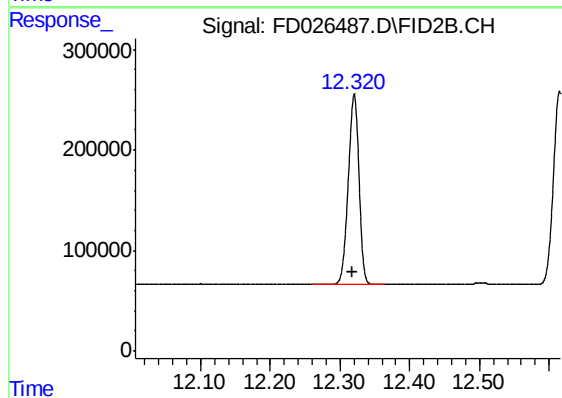
#10 Anthracene (C19.43)

R.T.: 10.588 min
Delta R.T.: 0.002 min
Response: 1913348
Conc: 21.85 ug/ml



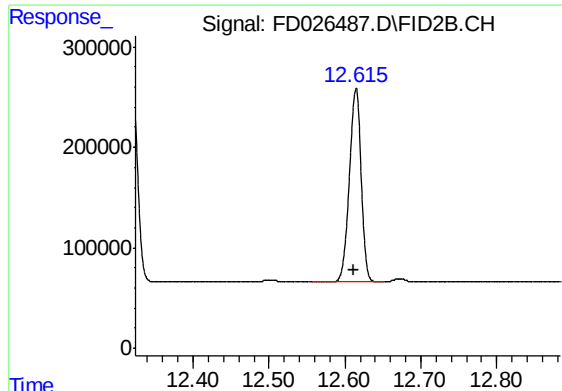
#11 ortho-Terphenyl (SURRE)

R.T.: 11.290 min
Delta R.T.: 0.002 min
Response: 1872763
Conc: 22.09 ug/ml



#12 Fluoranthene (C21.85)

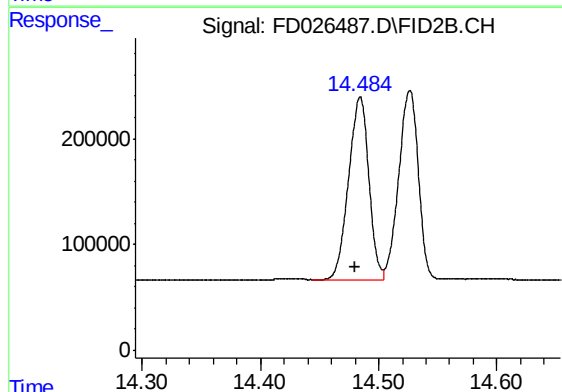
R.T.: 12.320 min
Delta R.T.: 0.003 min
Response: 2040017
Conc: 23.42 ug/ml



#13 Pyrene (C20.8)

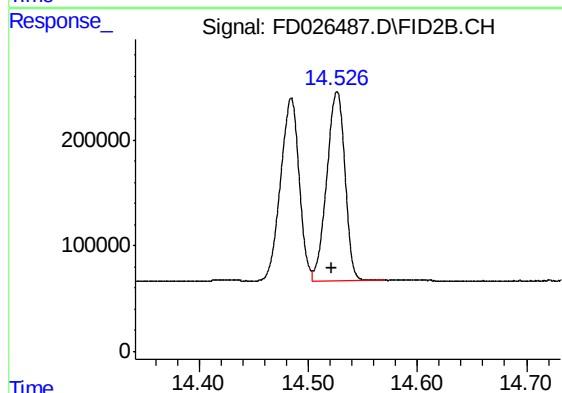
R.T.: 12.615 min
Delta R.T.: 0.003 min
Response: 2070113
Conc: 23.88 ug/ml

Instrument :
FID_D
ClientSampleId :



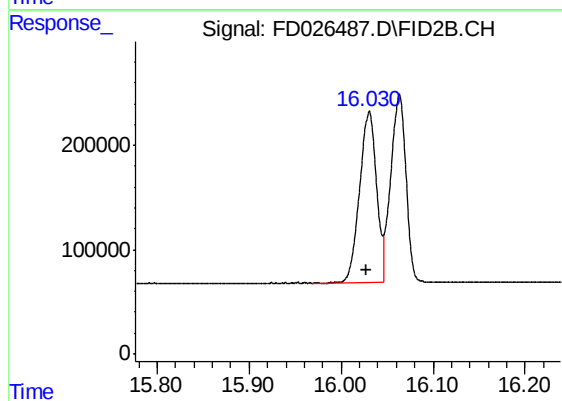
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: 0.004 min
Response: 2050341
Conc: 24.11 ug/ml



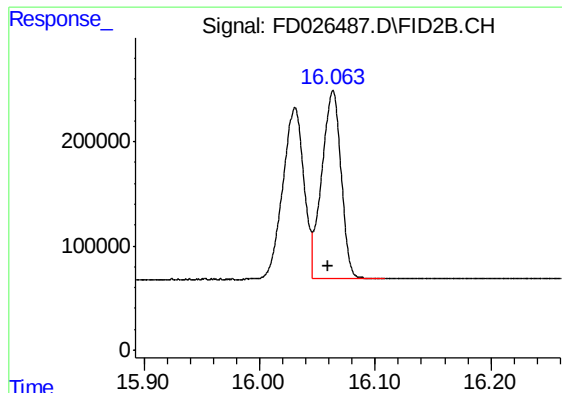
#15 Chrysene (C27.41)

R.T.: 14.526 min
Delta R.T.: 0.004 min
Response: 2063818
Conc: 24.08 ug/ml



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

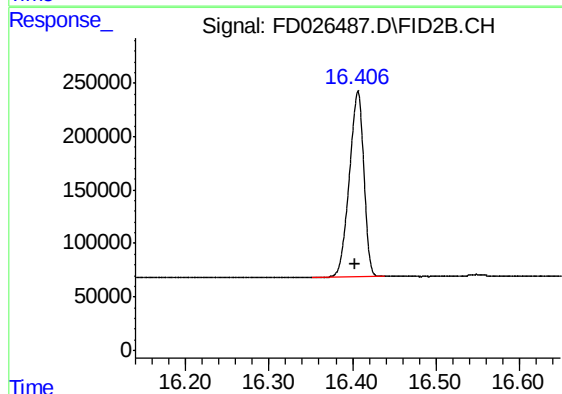
R.T.: 16.031 min
Delta R.T.: 0.003 min
Response: 2097457
Conc: 22.53 ug/ml



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

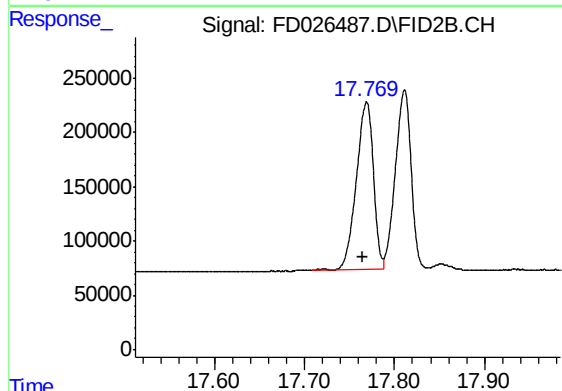
R.T.: 16.064 min
Delta R.T.: 0.004 min
Response: 2105929
Conc: 22.74 ug/ml

Instrument :
FID_D
ClientSampleId :



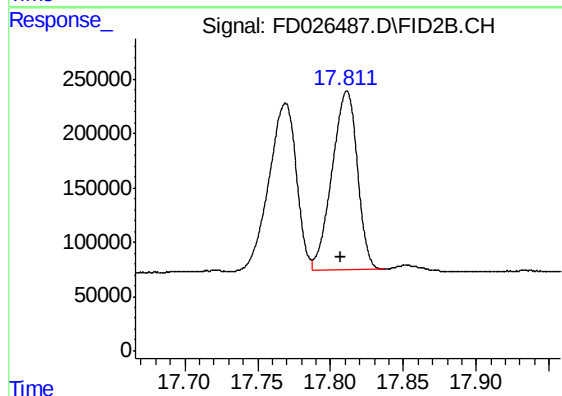
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: 0.004 min
Response: 2085455
Conc: 22.10 ug/ml



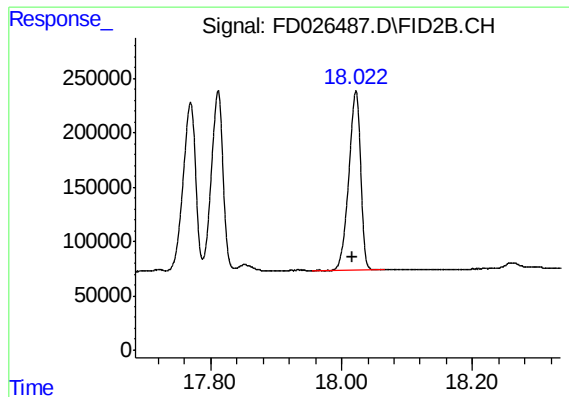
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: 0.005 min
Response: 2015778
Conc: 20.99 ug/ml



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

R.T.: 17.811 min
Delta R.T.: 0.004 min
Response: 1990086
Conc: 21.20 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.005 min
Response: 2068758
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :