

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032258.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2020 00:59
 Operator : DD\AJ
 Sample : L1307-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 05:44:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.638	5200135	46.259 ug/ml
Spiked Amount 50.000		Recovery =	92.52%
6) S 2-Fluorobiphenyl (SURR)	8.500	3332263	42.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.50%
11) S ortho-Terphenyl (SURR)	11.537	4085927	32.920 ug/ml
Spiked Amount 50.000		Recovery =	65.84%
Target Compounds			
2) T Naphthalene (C11.7)	5.976	318367	2.617 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	176089	1.438 ug/ml
7) T Acenaphthene (C15.5)	8.596	560998	4.537 ug/ml
8) T Fluorene (C16.55)	9.374	691760	5.539 ug/ml
9) T Phenanthrene (C19.36)	10.774	4698298	37.215 ug/ml
10) T Anthracene (C19.43)	10.845	1255686	10.030 ug/ml
12) T Fluoranthene (C21.85)	12.587	4887879	38.190 ug/ml
13) T Pyrene (C20.8)	12.883	3949724	31.382 ug/ml
14) T Benzo[a]anthracene (C...	14.750	1969140	16.125 ug/ml
15) T Chrysene (C27.41)	14.792	1844828	14.991 ug/ml
16) T benzo[b]fluoranthene ...	16.305	2117046	17.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	2117046	17.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	1589223	13.303 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	988693	8.606 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	988693	8.455 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	727970	6.389 ug/ml

(f)=RT Delta > 1/2 Window

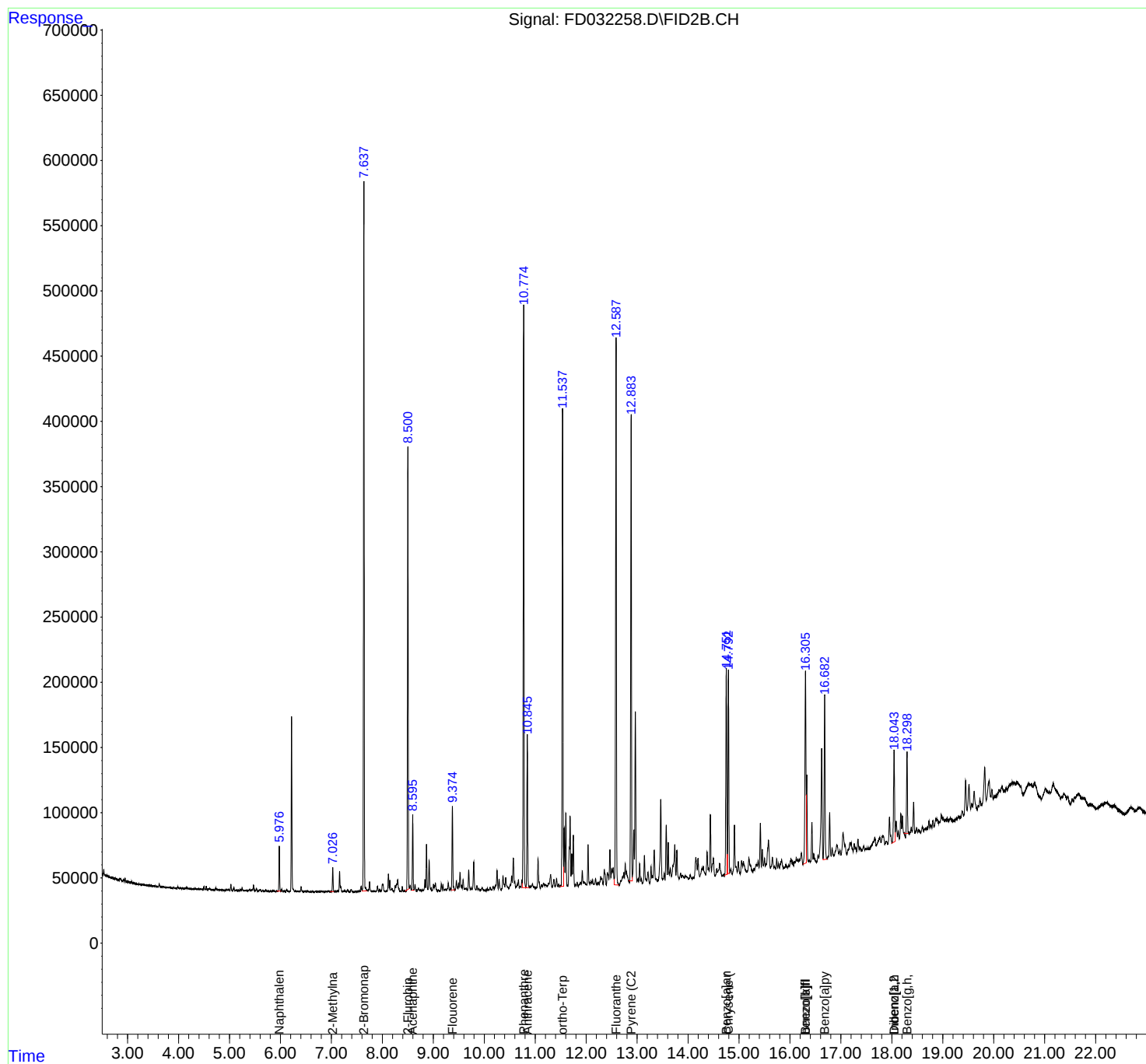
(m)=manual int.

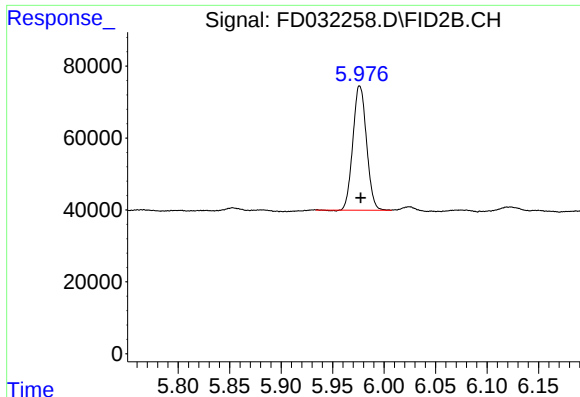
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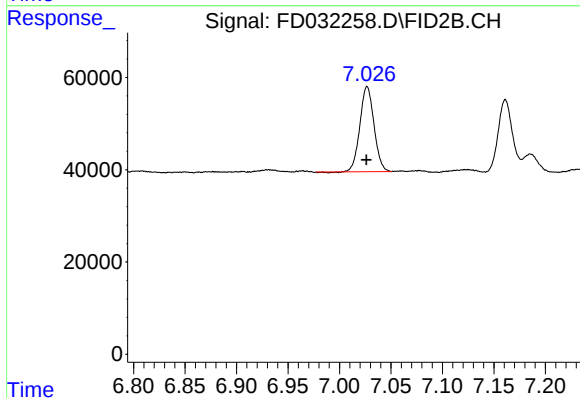




#2 Naphthalene (C11.7)

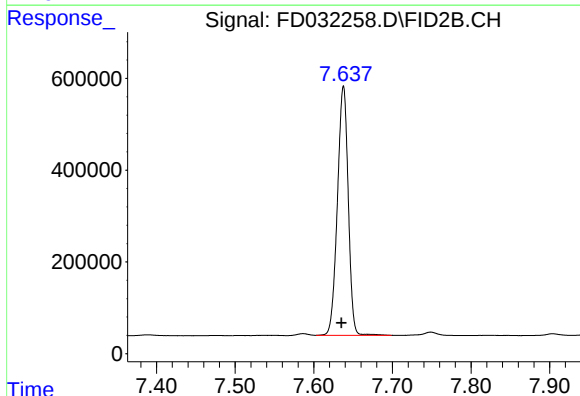
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 318367
Conc: 2.62 ug/ml

Instrument :
FID_D
ClientSampleId :



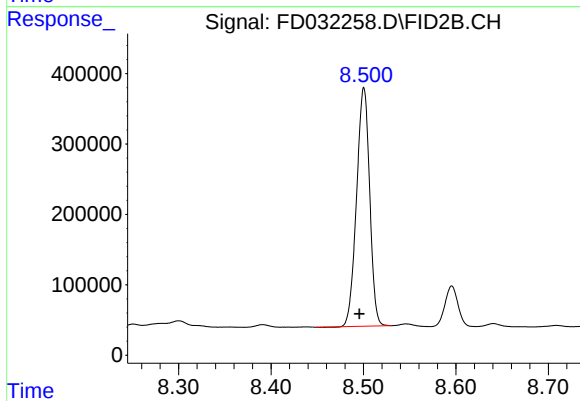
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 176089
Conc: 1.44 ug/ml



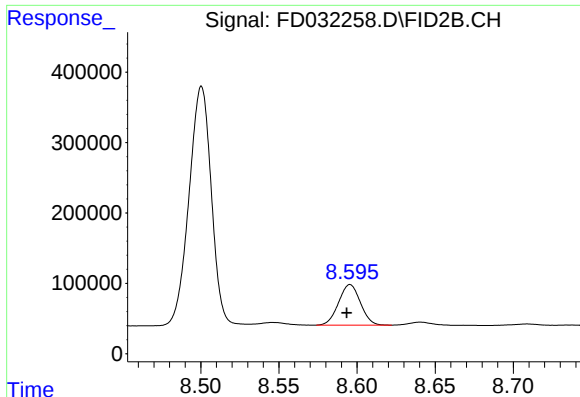
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 5200135
Conc: 46.26 ug/ml



#6 2-Fluorobiphenyl (SURR)

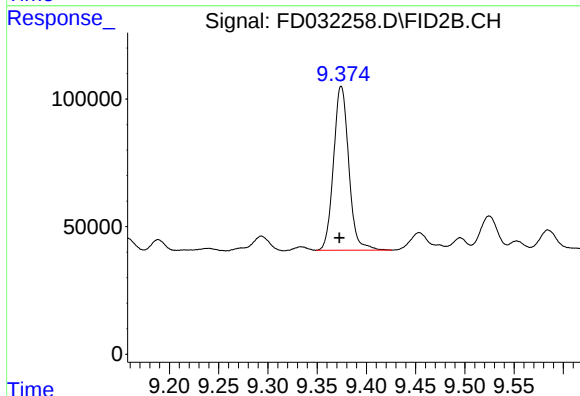
R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 3332263
Conc: 42.75 ug/ml



#7 Acenaphthene (C15.5)

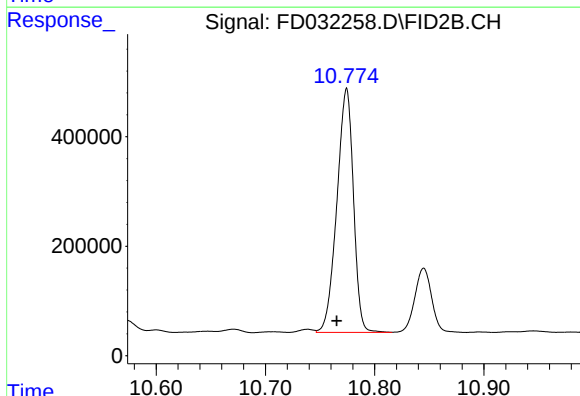
R.T.: 8.596 min
Delta R.T.: 0.002 min
Response: 560998
Conc: 4.54 ug/ml

Instrument :
FID_D
ClientSampleId :



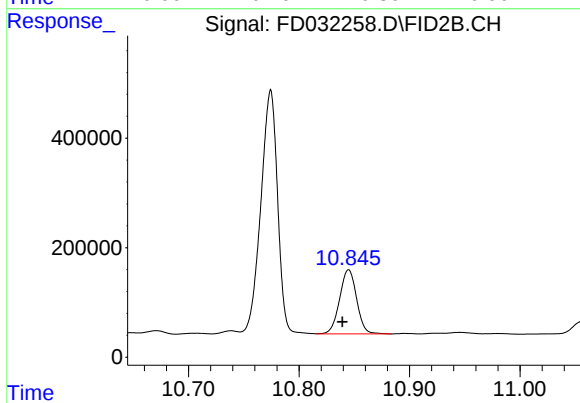
#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 691760
Conc: 5.54 ug/ml



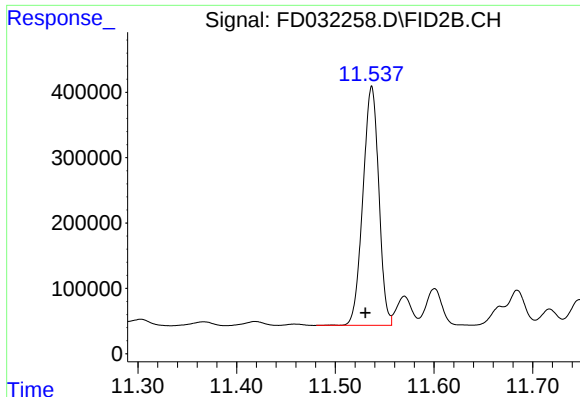
#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: 0.009 min
Response: 4698298
Conc: 37.21 ug/ml



#10 Anthracene (C19.43)

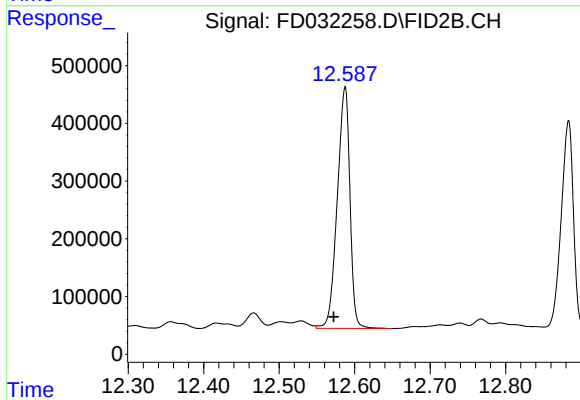
R.T.: 10.845 min
Delta R.T.: 0.006 min
Response: 1255686
Conc: 10.03 ug/ml



#11 ortho-Terphenyl (SURR)

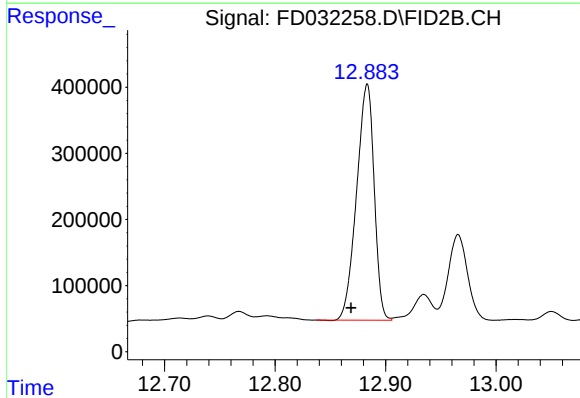
R.T.: 11.537 min
Delta R.T.: 0.006 min
Response: 4085927
Conc: 32.92 ug/ml

Instrument :
FID_D
ClientSampleId :



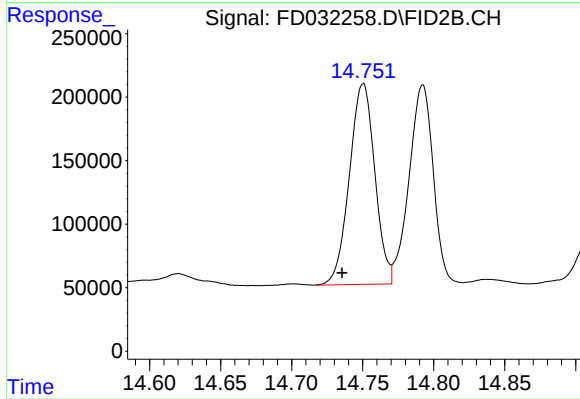
#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: 0.015 min
Response: 4887879
Conc: 38.19 ug/ml



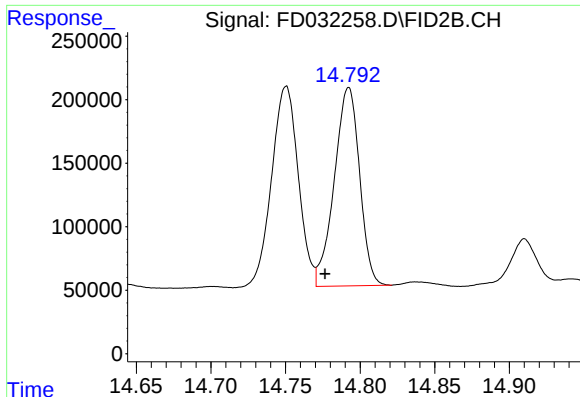
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: 0.015 min
Response: 3949724
Conc: 31.38 ug/ml



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

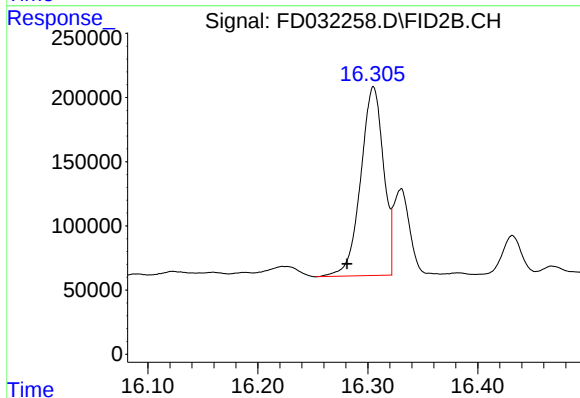
R.T.: 14.750 min
Delta R.T.: 0.015 min
Response: 1969140
Conc: 16.13 ug/ml



#15 Chrysene (C27.41)

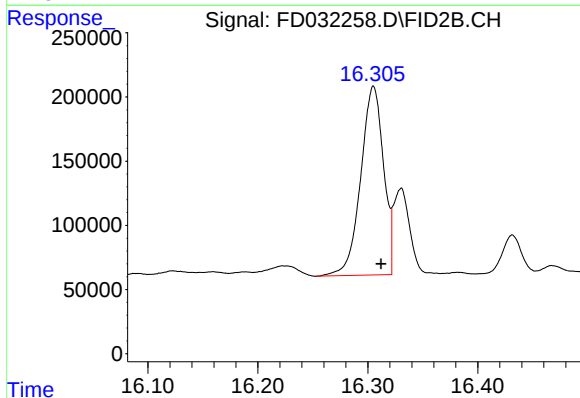
R.T.: 14.792 min
Delta R.T.: 0.016 min
Response: 1844828
Conc: 14.99 ug/ml

Instrument :
FID_D
ClientSampleId :



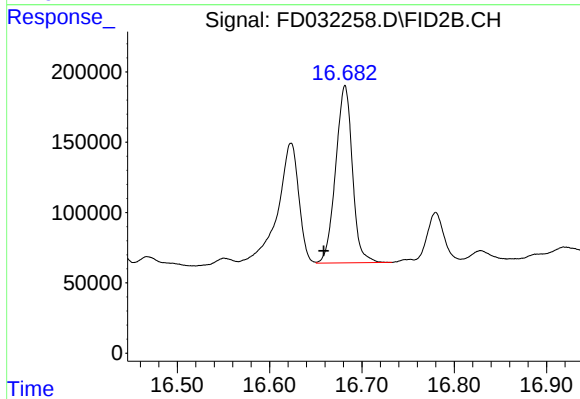
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.305 min
Delta R.T.: 0.024 min
Response: 2117046
Conc: 17.53 ug/ml



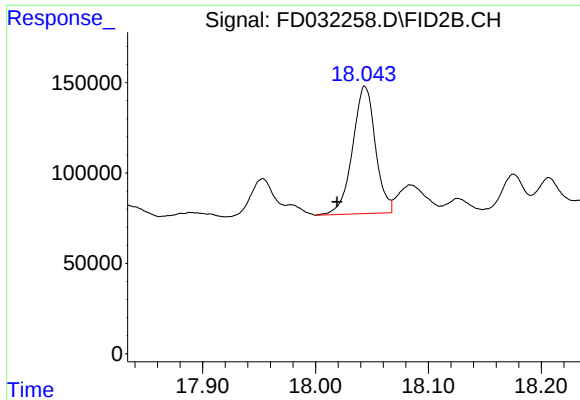
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.305 min
Delta R.T.: -0.007 min
Response: 2117046
Conc: 17.50 ug/ml



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

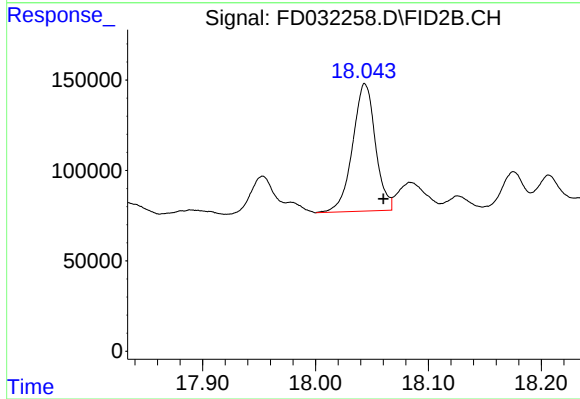
R.T.: 16.682 min
Delta R.T.: 0.023 min
Response: 1589223
Conc: 13.30 ug/ml



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

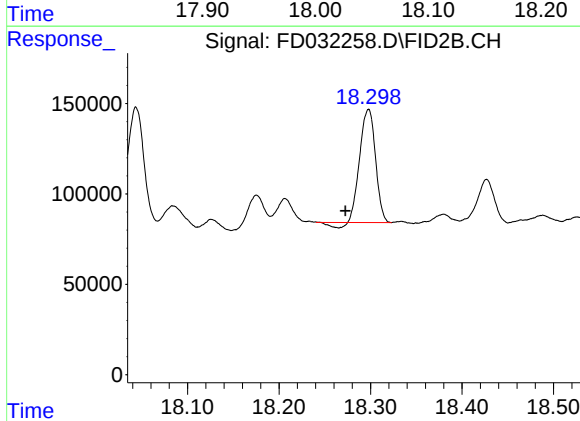
R.T.: 18.044 min
Delta R.T.: 0.025 min
Response: 988693
Conc: 8.61 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.044 min
Delta R.T.: -0.016 min
Response: 988693
Conc: 8.45 ug/ml



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

R.T.: 18.298 min
Delta R.T.: 0.026 min
Response: 727970
Conc: 6.39 ug/ml