

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028488.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 00:58
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 26 06:39:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:38:01 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...	7.127	9998468	108.832 ug/ml
Spiked Amount 50.000		Recovery =	217.66%
6) S 2-Fluorobiphenyl (SURR)	7.997	6797283	107.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	214.77%#
11) S ortho-Terphenyl (SURR)	11.038	11423618	105.639 ug/ml
Spiked Amount 50.000		Recovery =	211.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.943	10490609	112.196 ug/ml
2) T Naphthalene (C11.7)	5.470	11359323	110.797 ug/ml
3) T 2-Methylnaphthalene (...)	6.521	11325152	109.580 ug/ml
5) T Acenaphthylene (C15.06)	7.801	10810068	107.457 ug/ml
7) T Acenaphthene (C15.5)	8.098	11308328	107.299 ug/ml
8) T Fluorene (C16.55)	8.879	11244318	106.256 ug/ml
9) T Phenanthrene (C19.36)	10.279	11167718	106.251 ug/ml
10) T Anthracene (C19.43)	10.355	10985511	105.013 ug/ml
12) T Fluoranthene (C21.85)	12.094	11144093	105.855 ug/ml
13) T Pyrene (C20.8)	12.394	11116867	106.219 ug/ml
14) T Benzo[a]anthracene (C...	14.264	11101248	109.436 ug/ml
15) T Chrysene (C27.41)	14.312	11101130	109.516 ug/ml
16) T benzo[b]fluoranthene ...	15.816	11707762	111.854 ug/ml
17) T Bnezo[k]fluoranthene ...	15.816	11707762	112.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.201	11599899	111.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.566	12370800	116.542 ug/ml
20) T Dibenz[a,h]anthracene...	17.566	12370800	117.512 ug/ml
21) T Benzo[g,h,i]perylene ...	17.829	11714663	111.601 ug/ml

(f)=RT Delta > 1/2 Window

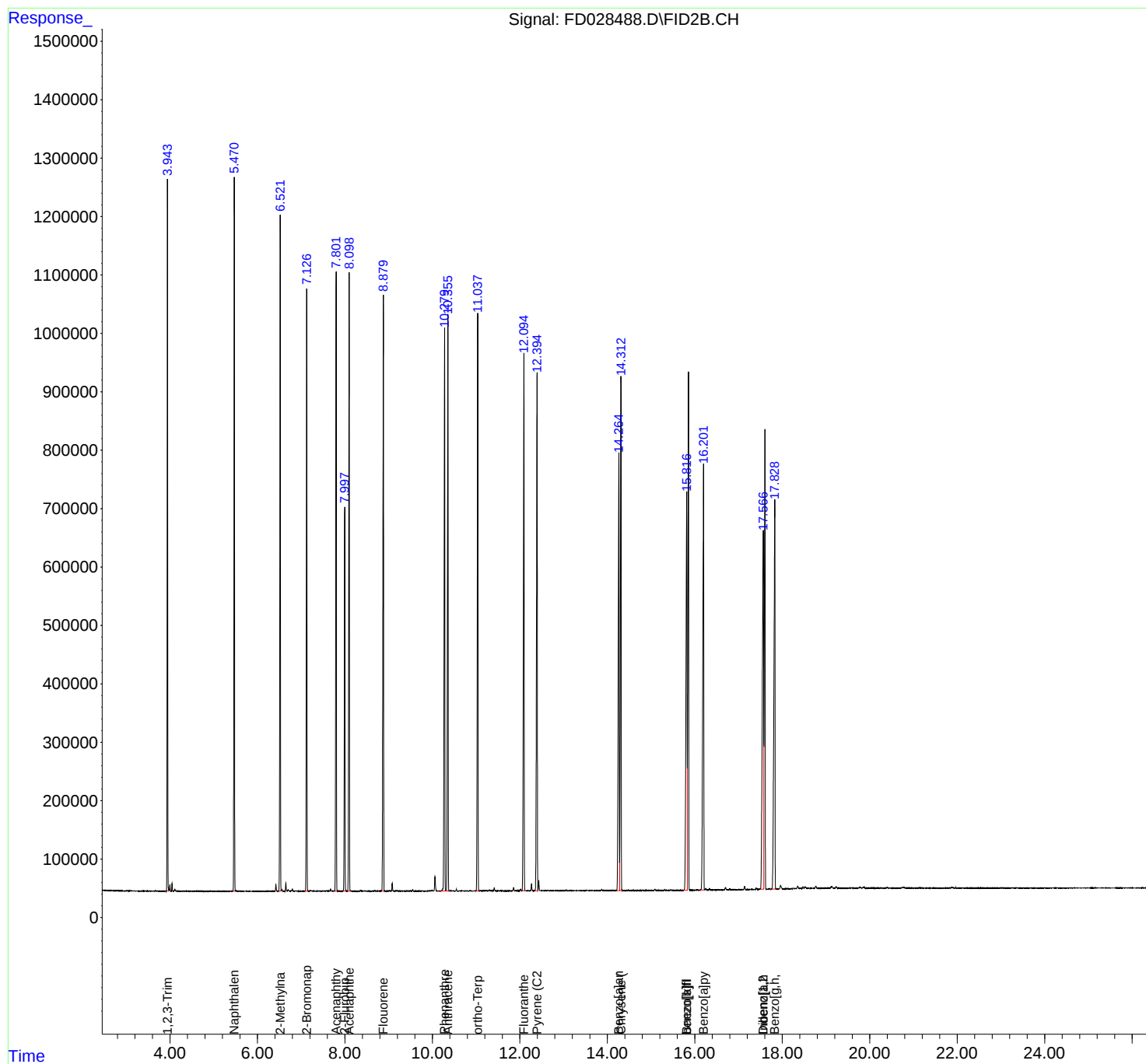
(m)=manual int.

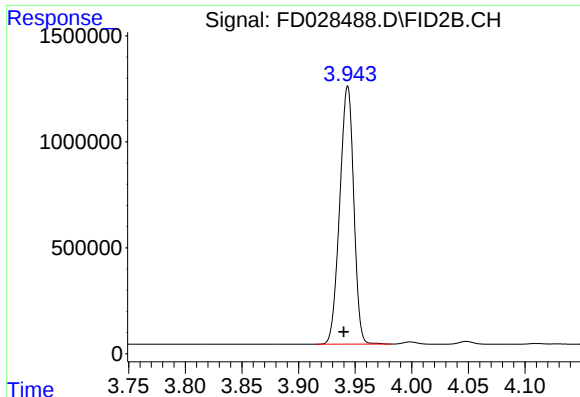
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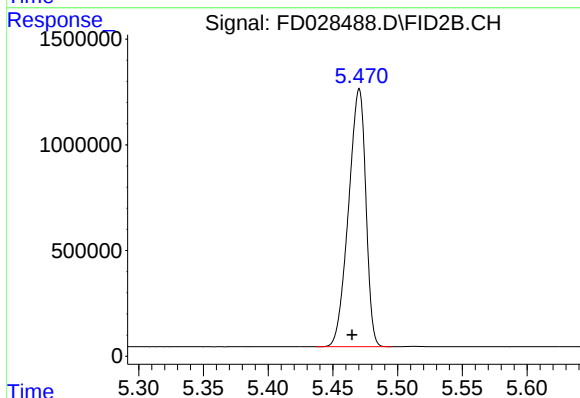




#1 1,2,3-Trimethylbenzene (C10.1)

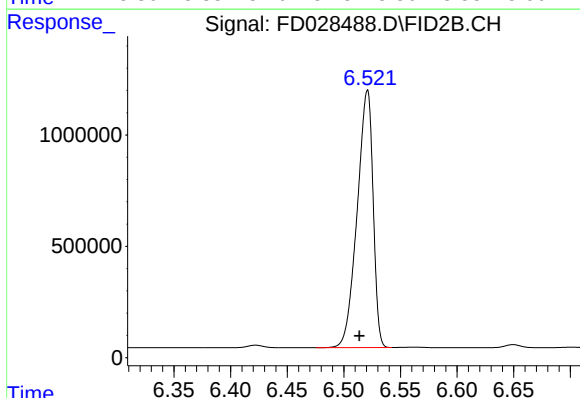
R.T.: 3.943 min
Delta R.T.: 0.003 min
Response: 10490609
Conc: 112.20 ug/ml

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FID_D
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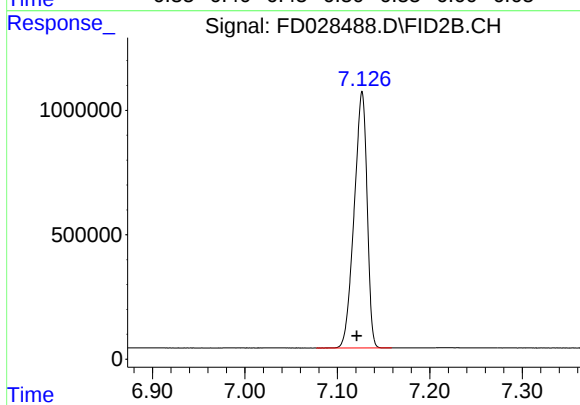
#2 Naphthalene (C11.7)

R.T.: 5.470 min
Delta R.T.: 0.005 min
Response: 11359323
Conc: 110.80 ug/ml



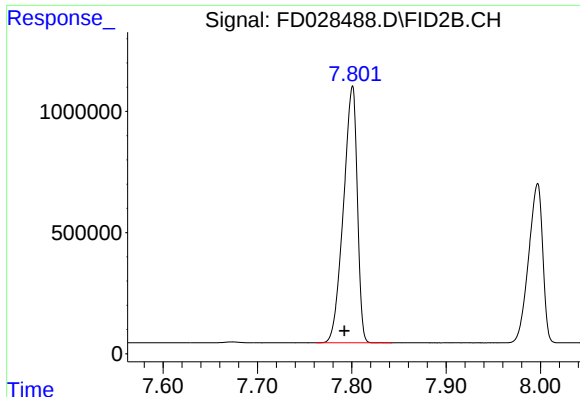
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.521 min
Delta R.T.: 0.007 min
Response: 11325152
Conc: 109.58 ug/ml



#4 2-Bromonaphthalene (SURR)

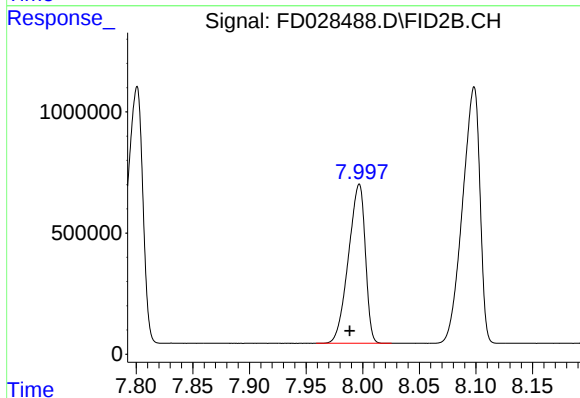
R.T.: 7.127 min
Delta R.T.: 0.006 min
Response: 9998468
Conc: 108.83 ug/ml



#5 Acenaphthylene (C15.06)

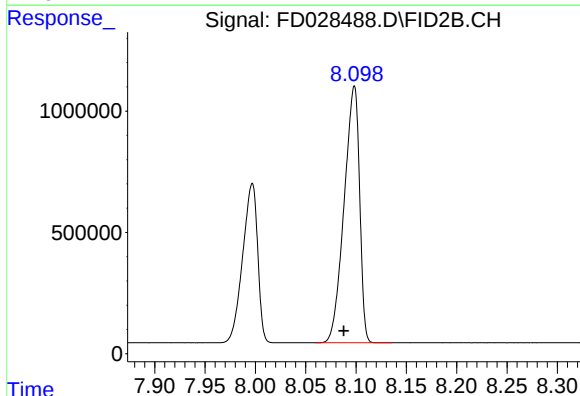
R.T.: 7.801 min
Delta R.T.: 0.008 min
Response: 10810068
Conc: 107.46 ug/ml

Instrument :
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100 PPM AROMATIC HC STD1



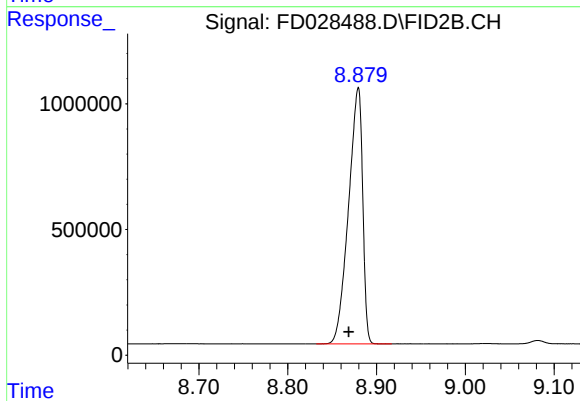
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.997 min
Delta R.T.: 0.008 min
Response: 6797283
Conc: 107.38 ug/ml



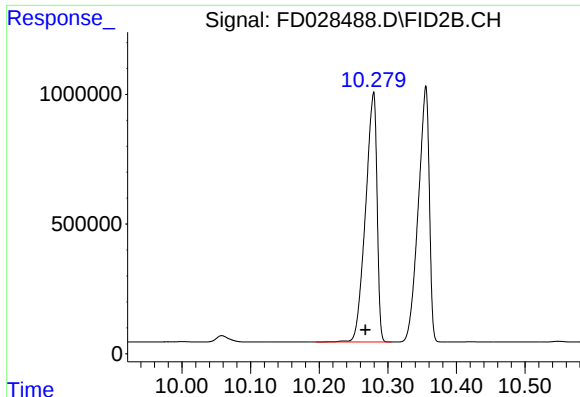
#7 Acenaphthene (C15.5)

R.T.: 8.098 min
Delta R.T.: 0.010 min
Response: 11308328
Conc: 107.30 ug/ml



#8 Fluorene (C16.55)

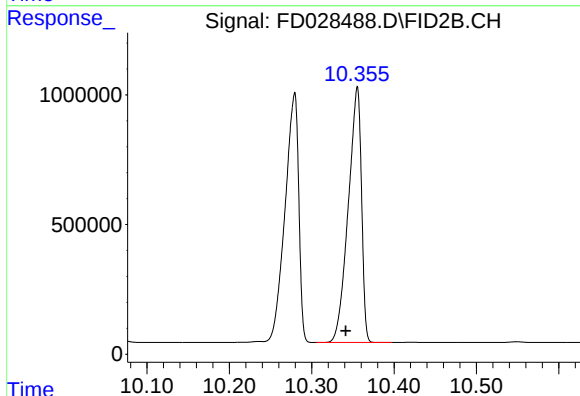
R.T.: 8.879 min
Delta R.T.: 0.011 min
Response: 11244318
Conc: 106.26 ug/ml



#9 Phenanthrene (C19.36)

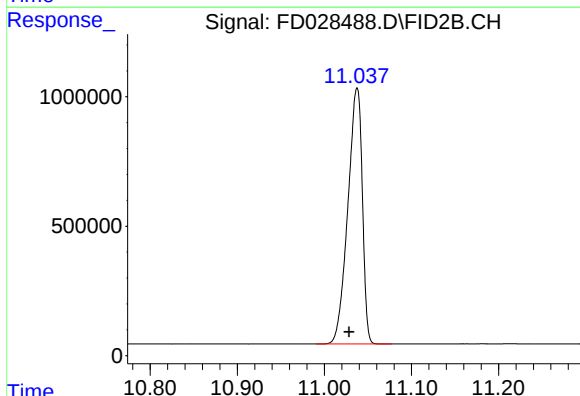
R.T.: 10.279 min
Delta R.T.: 0.012 min
Response: 11167718
Conc: 106.25 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



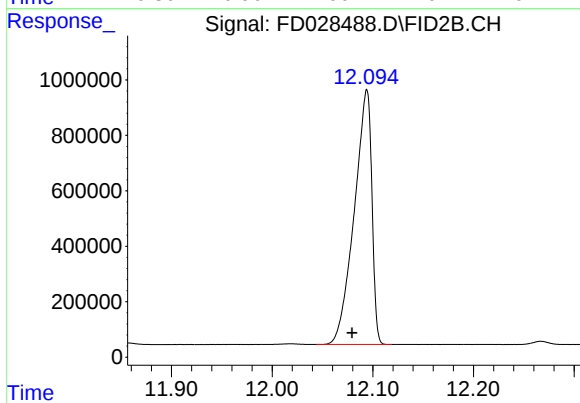
#10 Anthracene (C19.43)

R.T.: 10.355 min
Delta R.T.: 0.014 min
Response: 10985511
Conc: 105.01 ug/ml



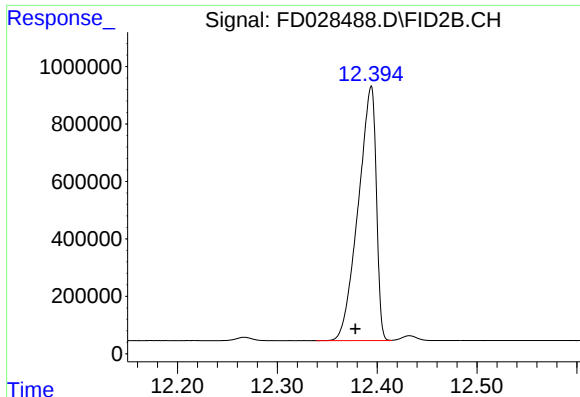
#11 ortho-Terphenyl (SURR)

R.T.: 11.038 min
Delta R.T.: 0.009 min
Response: 11423618
Conc: 105.64 ug/ml



#12 Fluoranthene (C21.85)

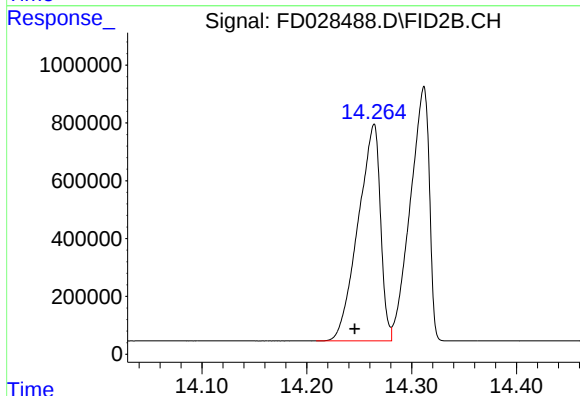
R.T.: 12.094 min
Delta R.T.: 0.015 min
Response: 11144093
Conc: 105.86 ug/ml



#13 Pyrene (C20.8)

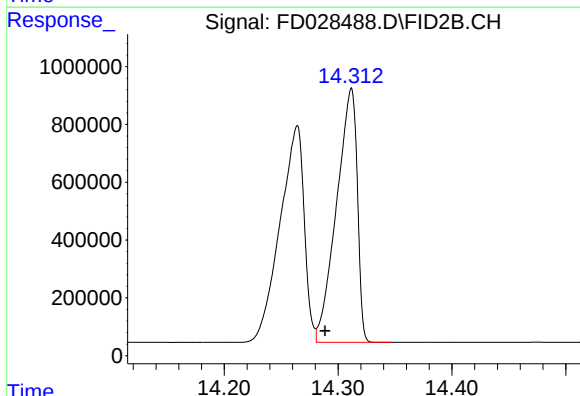
R.T.: 12.394 min
Delta R.T.: 0.016 min
Response: 11116867
Conc: 106.22 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



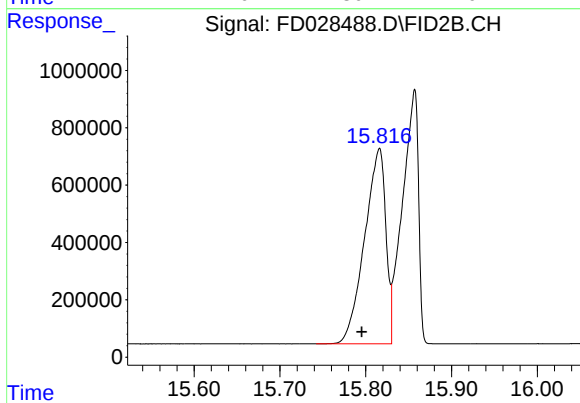
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.264 min
Delta R.T.: 0.018 min
Response: 11101248
Conc: 109.44 ug/ml



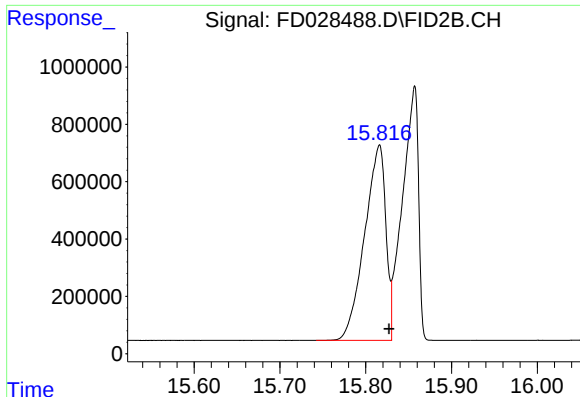
#15 Chrysene (C27.41)

R.T.: 14.312 min
Delta R.T.: 0.023 min
Response: 11101130
Conc: 109.52 ug/ml



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

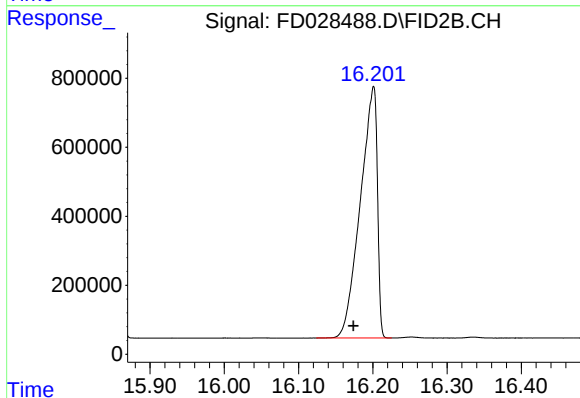
R.T.: 15.816 min
Delta R.T.: 0.021 min
Response: 11707762
Conc: 111.85 ug/ml



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

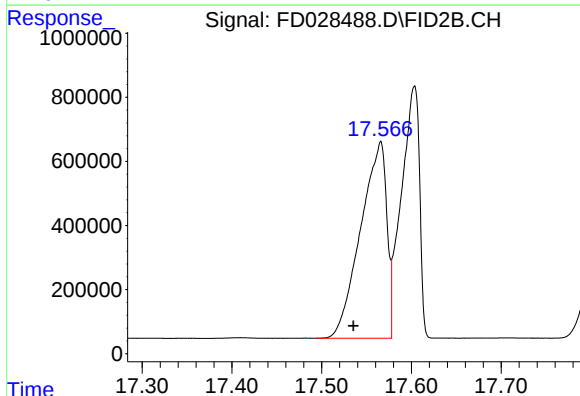
R.T.: 15.816 min
Delta R.T.: -0.011 min
Response: 11707762
Conc: 112.71 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



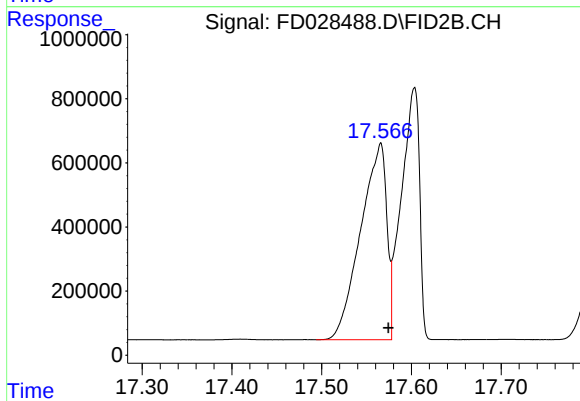
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.201 min
Delta R.T.: 0.027 min
Response: 11599899
Conc: 111.09 ug/ml



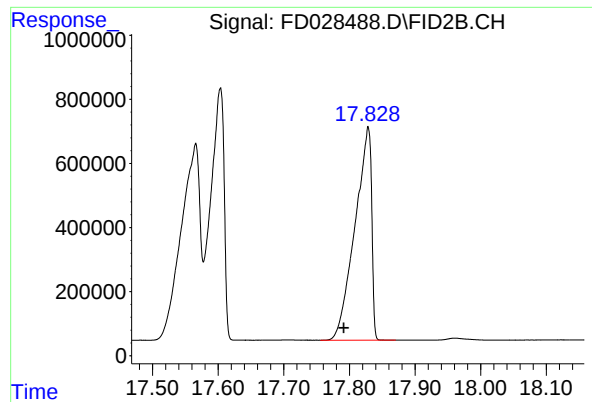
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.566 min
Delta R.T.: 0.030 min
Response: 12370800
Conc: 116.54 ug/ml



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

R.T.: 17.566 min
Delta R.T.: -0.009 min
Response: 12370800
Conc: 117.51 ug/ml



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

R.T.: 17.829 min
Delta R.T.: 0.037 min
Response: 11714663
Conc: 111.60 ug/ml

Instrument :
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ClientSampleId :
100 PPM AROMATIC HC STD1