

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032836.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 16:11
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 07 02:06:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:02:27 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...	7.607	7246021	47.994 ug/ml
Spiked Amount 50.000		Recovery =	95.99%
6) S 2-Fluorobiphenyl (SURR)	8.469	4947118	48.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.78%
11) S ortho-Terphenyl (SURR)	11.506	7681664	47.144 ug/ml
Spiked Amount 50.000		Recovery =	94.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	7507745	47.303 ug/ml
2) T Naphthalene (C11.7)	5.948	8025764	48.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	7982742	48.194 ug/ml
5) T Acenaphthylene (C15.06)	8.273	7605774	47.873 ug/ml
7) T Acenaphthene (C15.5)	8.569	7928956	47.999 ug/ml
8) T Fluorene (C16.55)	9.349	7813287	48.503 ug/ml
9) T Phenanthrene (C19.36)	10.743	7756955	48.120 ug/ml
10) T Anthracene (C19.43)	10.819	7589784	47.966 ug/ml
12) T Fluoranthene (C21.85)	12.555	7685448	47.605 ug/ml
13) T Pyrene (C20.8)	12.852	7573288	47.460 ug/ml
14) T Benzo[a]anthracene (C...	14.723	7031472	48.117 ug/ml
15) T Chrysene (C27.41)	14.768	7150760	47.458 ug/ml
16) T benzo[b]fluoranthene ...	16.275	6720836	48.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	6716376	47.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	6549361	48.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	6105196	49.696 ug/ml
20) T Dibenz[a,h]anthracene...	18.060	6019855	46.755 ug/ml
21) T Benzo[g,h,i]perylene ...	18.280	5951119	47.850 ug/ml

(f)=RT Delta > 1/2 Window

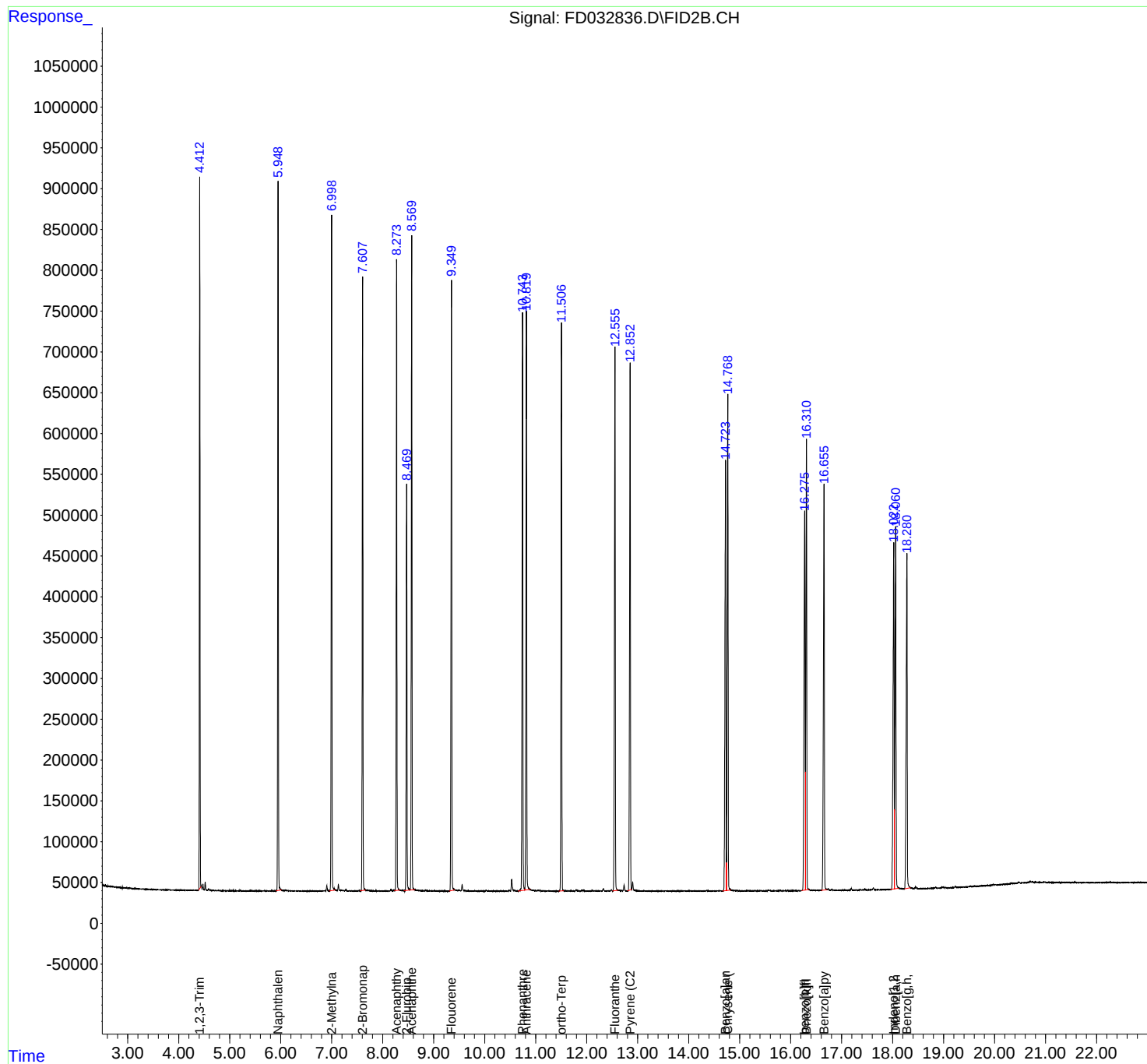
(m)=manual int.

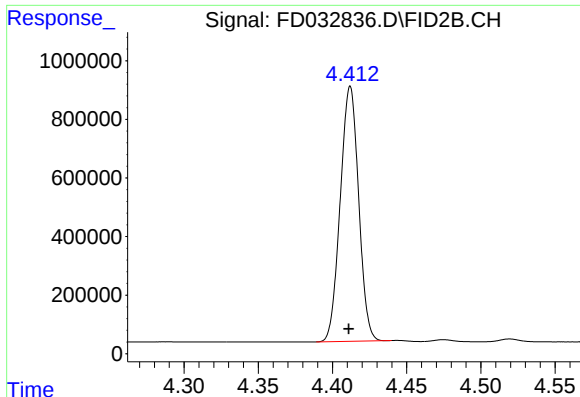
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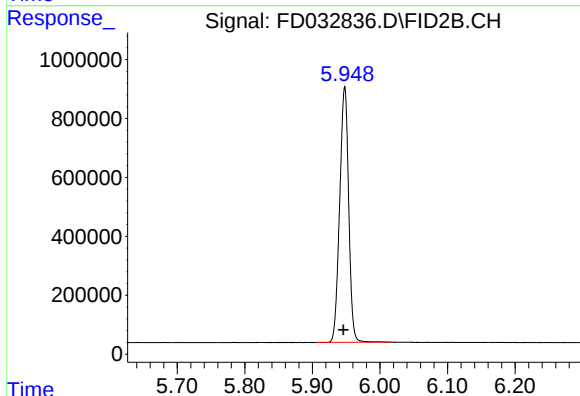




#1 1,2,3-Trimethylbenzene (C10.1)

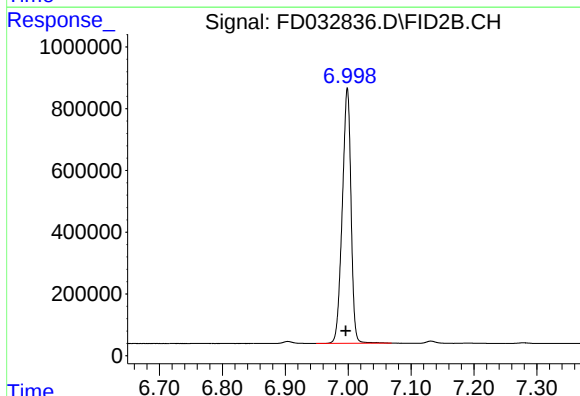
R.T.: 4.412 min
Delta R.T.: 0.001 min
Response: 7507745
Conc: 47.30 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



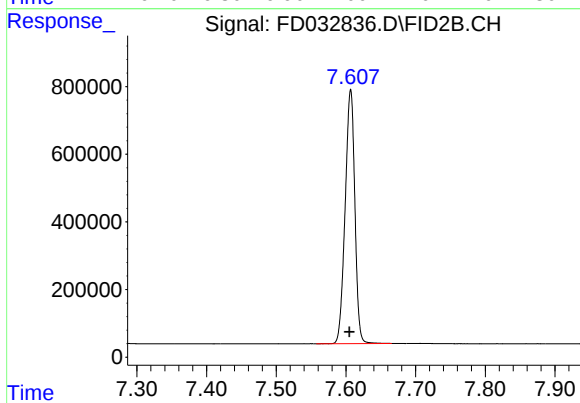
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.002 min
Response: 8025764
Conc: 48.05 ug/ml



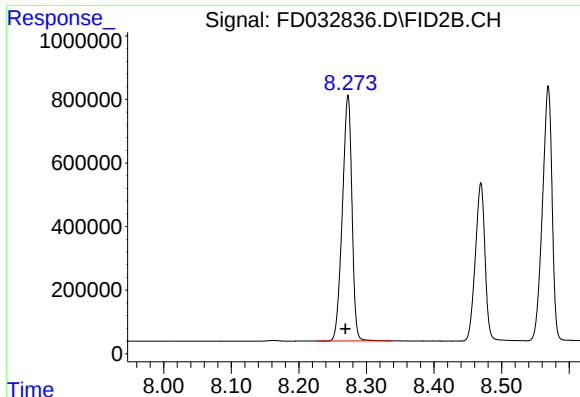
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 7982742
Conc: 48.19 ug/ml



#4 2-Bromonaphthalene (SURR)

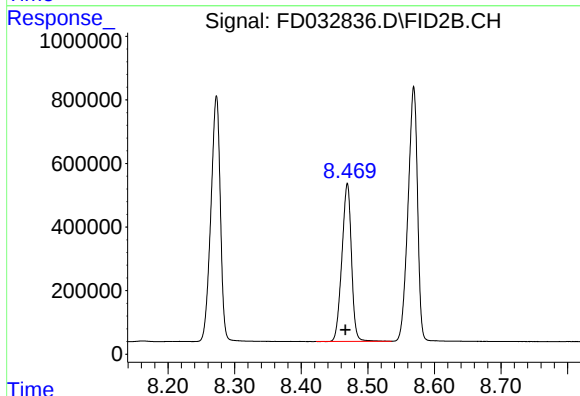
R.T.: 7.607 min
Delta R.T.: 0.002 min
Response: 7246021
Conc: 47.99 ug/ml



#5 Acenaphthylene (C15.06)

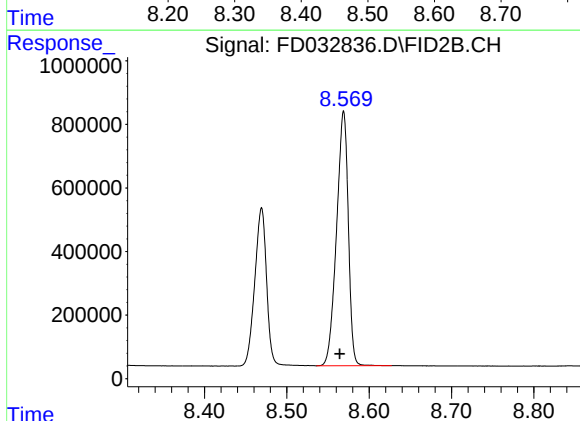
R.T.: 8.273 min
Delta R.T.: 0.004 min
Response: 7605774
Conc: 47.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



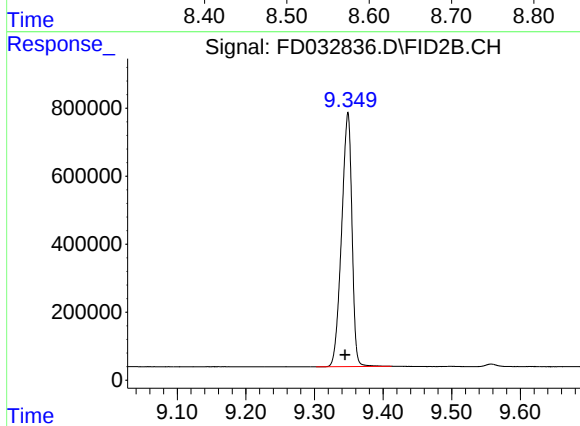
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.469 min
Delta R.T.: 0.003 min
Response: 4947118
Conc: 48.89 ug/ml



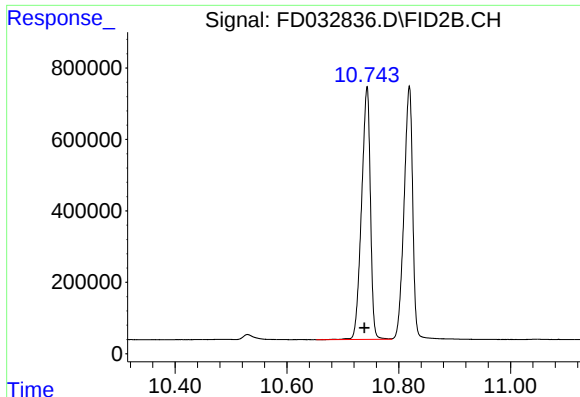
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: 0.005 min
Response: 7928956
Conc: 48.00 ug/ml



#8 Flouorene (C16.55)

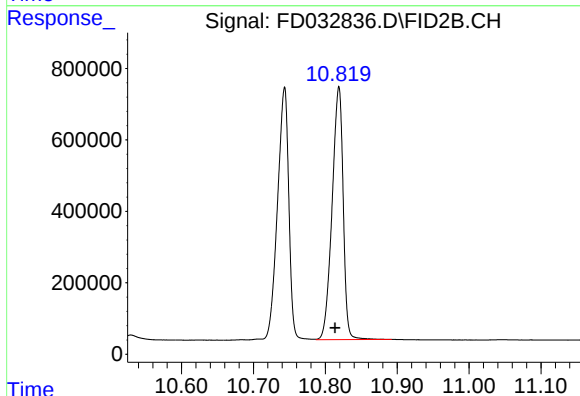
R.T.: 9.349 min
Delta R.T.: 0.004 min
Response: 7813287
Conc: 48.50 ug/ml



#9 Phenanthrene (C19.36)

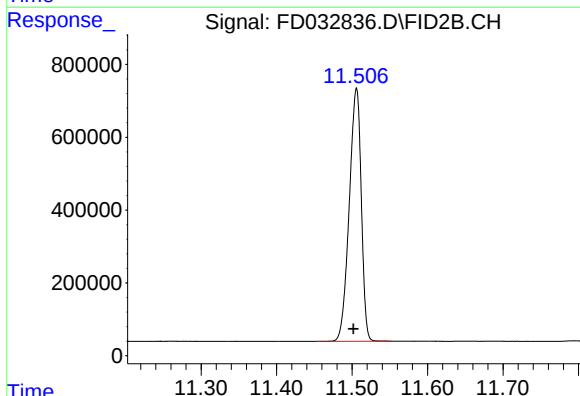
R.T.: 10.743 min
Delta R.T.: 0.005 min
Response: 7756955
Conc: 48.12 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



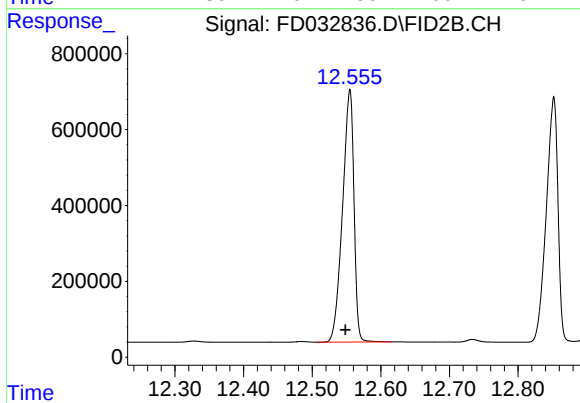
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: 0.005 min
Response: 7589784
Conc: 47.97 ug/ml



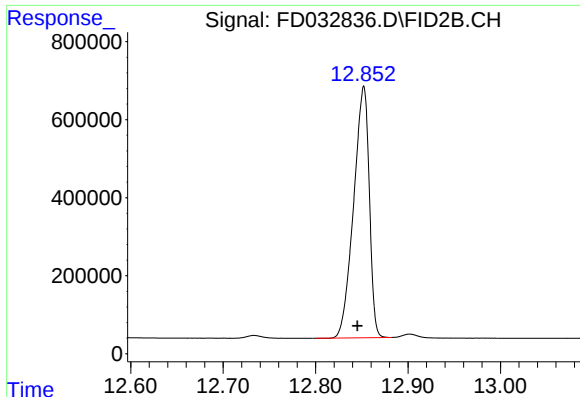
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.004 min
Response: 7681664
Conc: 47.14 ug/ml



#12 Fluoranthene (C21.85)

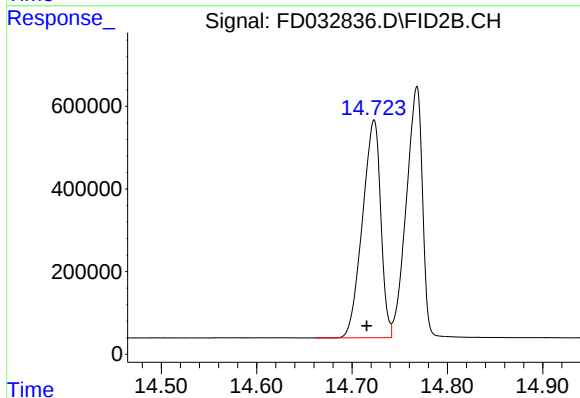
R.T.: 12.555 min
Delta R.T.: 0.006 min
Response: 7685448
Conc: 47.61 ug/ml



#13 Pyrene (C20.8)

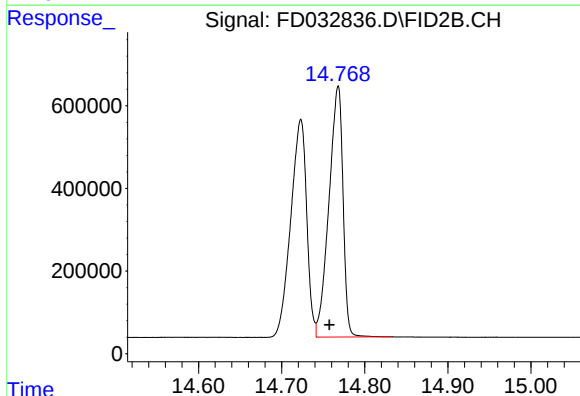
R.T.: 12.852 min
Delta R.T.: 0.007 min
Response: 7573288
Conc: 47.46 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



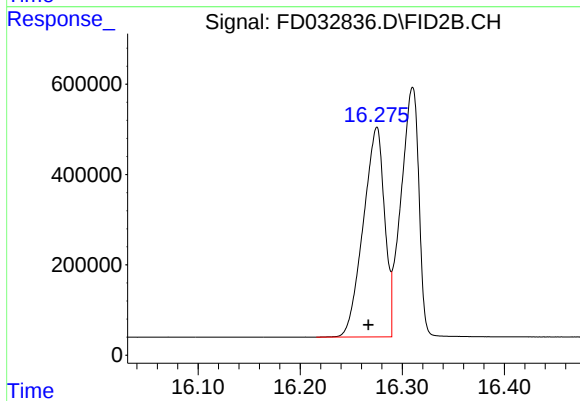
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.723 min
Delta R.T.: 0.008 min
Response: 7031472
Conc: 48.12 ug/ml



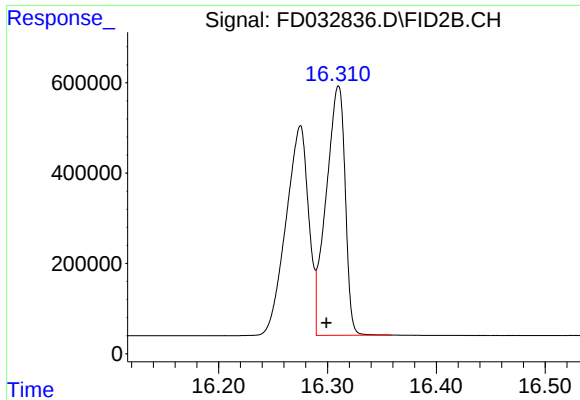
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: 0.011 min
Response: 7150760
Conc: 47.46 ug/ml



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

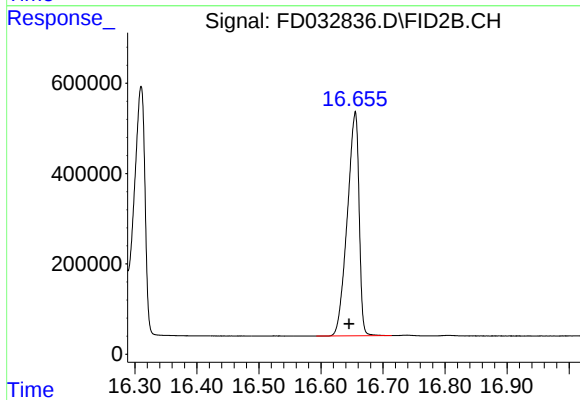
R.T.: 16.275 min
Delta R.T.: 0.008 min
Response: 6720836
Conc: 48.18 ug/ml



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

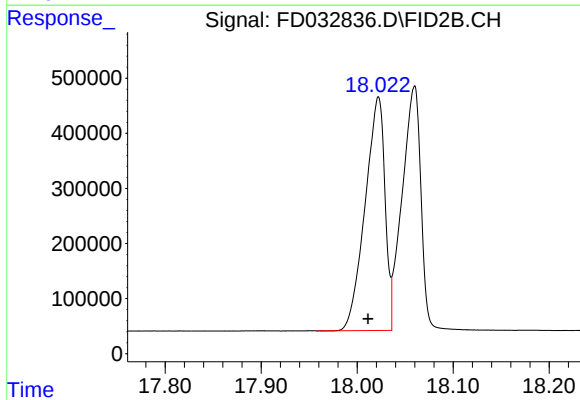
R.T.: 16.310 min
Delta R.T.: 0.011 min
Response: 6716376
Conc: 47.68 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



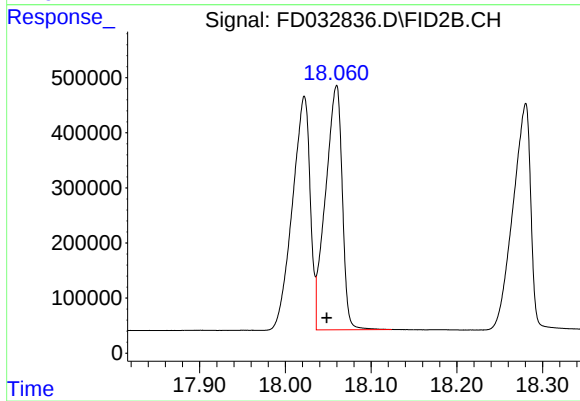
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: 0.010 min
Response: 6549361
Conc: 48.24 ug/ml



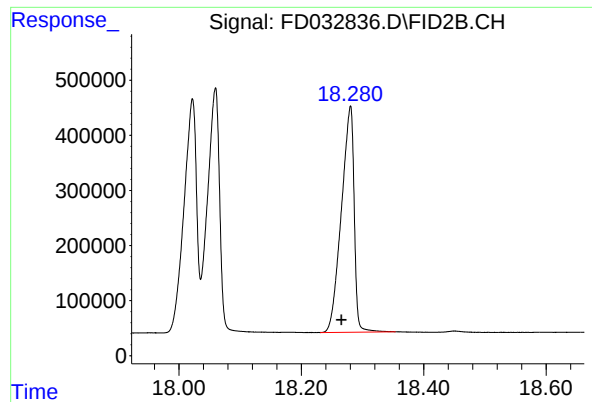
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: 0.011 min
Response: 6105196
Conc: 49.70 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.011 min
Response: 6019855
Conc: 46.76 ug/ml



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

R.T.: 18.280 min
Delta R.T.: 0.015 min
Response: 5951119
Conc: 47.85 ug/ml

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