

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AR\
 Data File : FD028009.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 19:21
 Operator : AJ\SJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 01 04:06:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 03:46:38 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...	7.325	545689	5.170 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
6) S 2-Fluorobiphenyl (SURR)	8.173	366507	5.199 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.40%
11) S ortho-Terphenyl (SURR)	11.208	656273	5.724 ug/ml
Spiked Amount 50.000		Recovery =	11.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.139	550926	5.205 ug/ml
2) T Naphthalene (C11.7)	5.664	602817	5.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	605658	5.120 ug/ml
5) T Acenaphthylene (C15.06)	7.976	613179	5.318 ug/ml
7) T Acenaphthene (C15.5)	8.270	654655	5.389 ug/ml
8) T Flouorene (C16.55)	9.047	668983	5.560 ug/ml
9) T Phenanthrene (C19.36)	10.432	627934	5.620 ug/ml
10) T Anthracene (C19.43)	10.507	624673	5.643 ug/ml
12) T Fluoranthene (C21.85)	12.233	631776	5.822 ug/ml
13) T Pyrene (C20.8)	12.525	591875	5.640 ug/ml
14) T Benzo[a]anthracene (C...	14.389	546482	5.400 ug/ml
15) T Chrysene (C27.41)	14.430	567757	5.506 ug/ml
16) T benzo[b]fluoranthene ...	15.931	566466	5.375 ug/ml
17) T Bnezo[k]fluoranthene ...	15.962	599440	5.566 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.306	587344	5.488 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.665	526618	5.146 ug/ml
20) T Dibenz[a,h]anthracene...	17.706	525939	5.220 ug/ml
21) T Benzo[g,h,i]perylene ...	17.914	602603	5.577 ug/ml

(f)=RT Delta > 1/2 Window

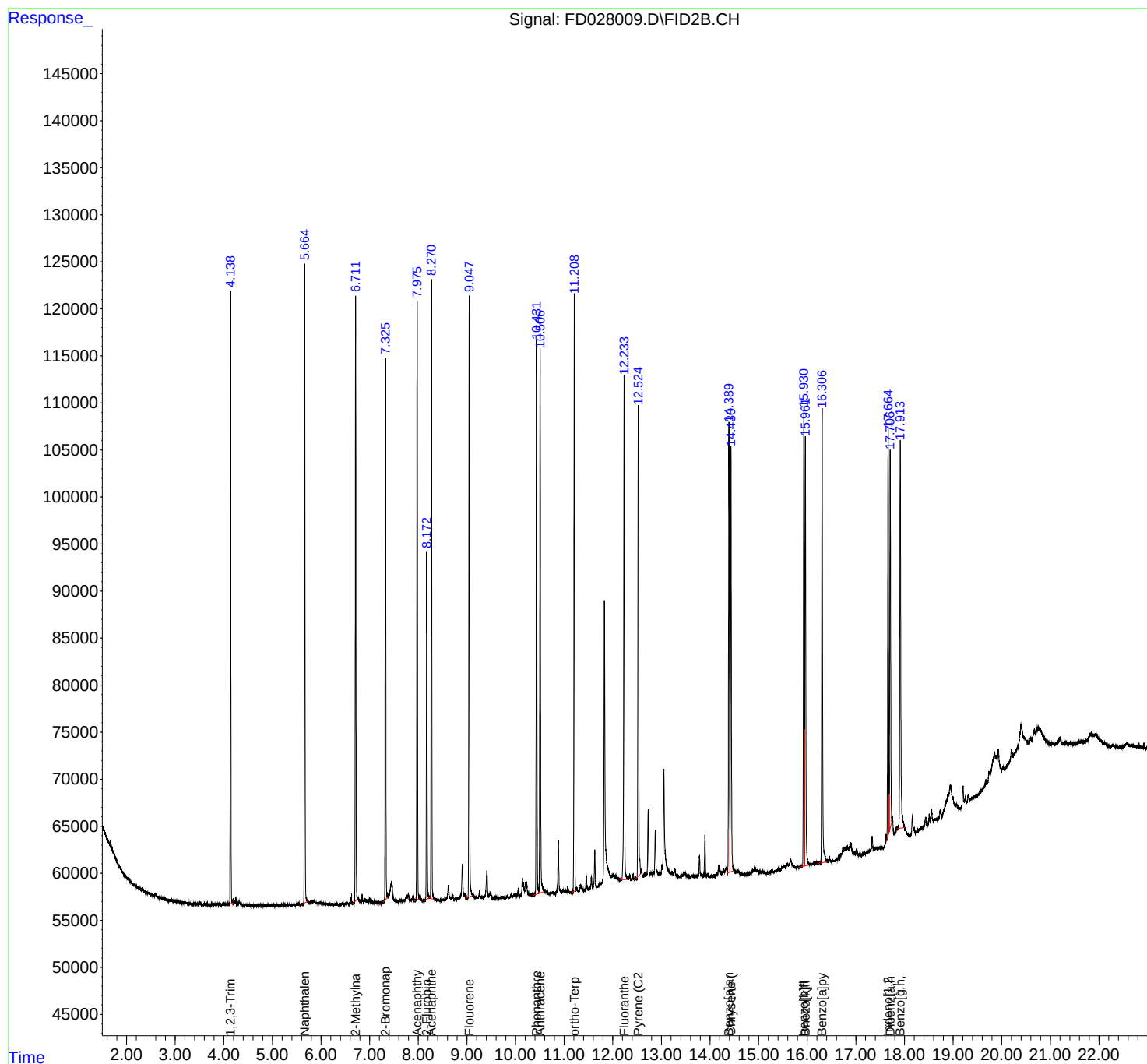
(m)=manual int.

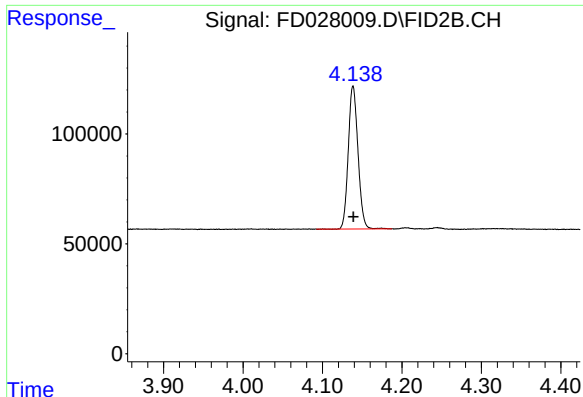
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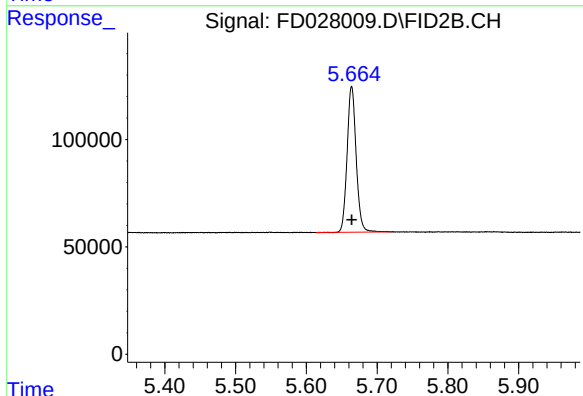




#1 1,2,3-Trimethylbenzene (C10.1)

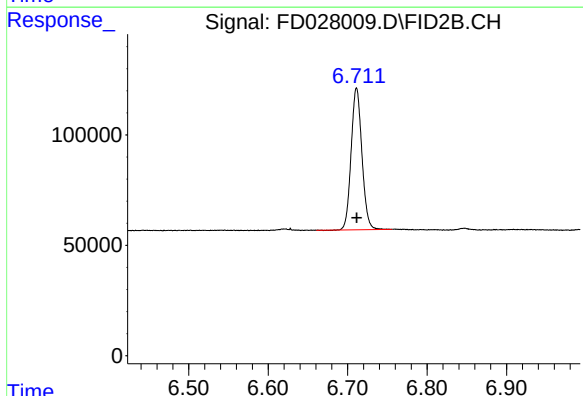
R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 550926
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



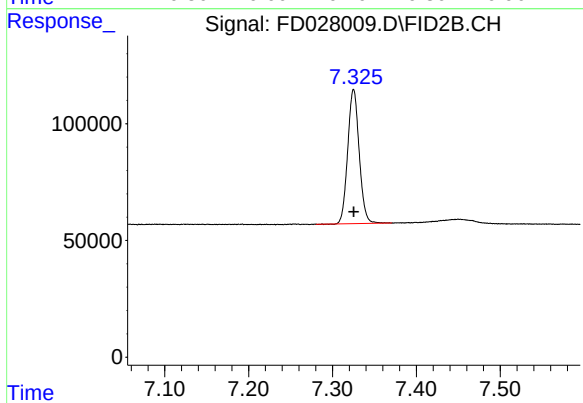
#2 Naphthalene (C11.7)

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 602817
Conc: 5.14 ug/ml



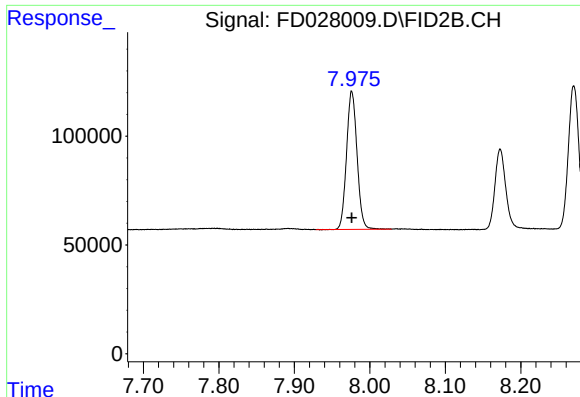
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 605658
Conc: 5.12 ug/ml



#4 2-Bromonaphthalene (SURR)

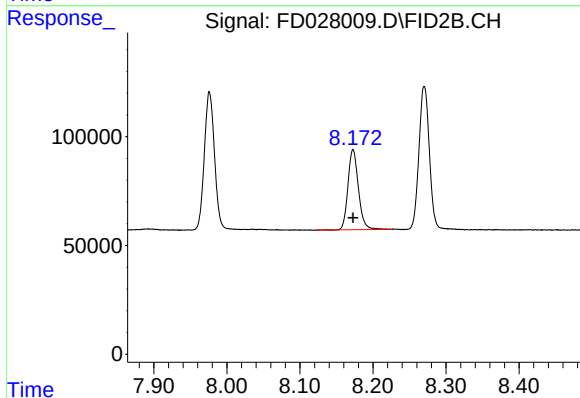
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 545689
Conc: 5.17 ug/ml



#5 Acenaphthylene (C15.06)

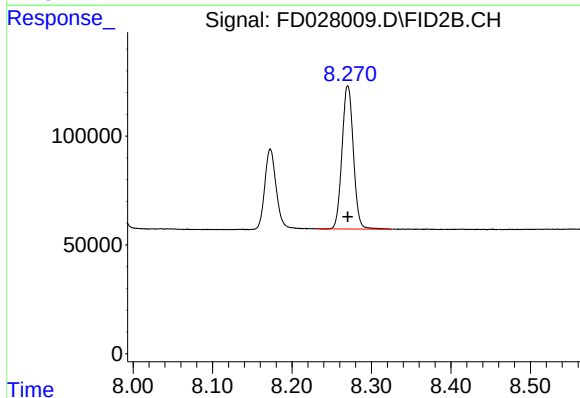
R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 613179
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



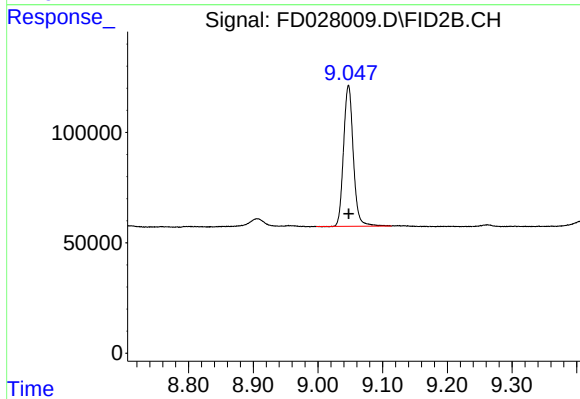
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 366507
Conc: 5.20 ug/ml



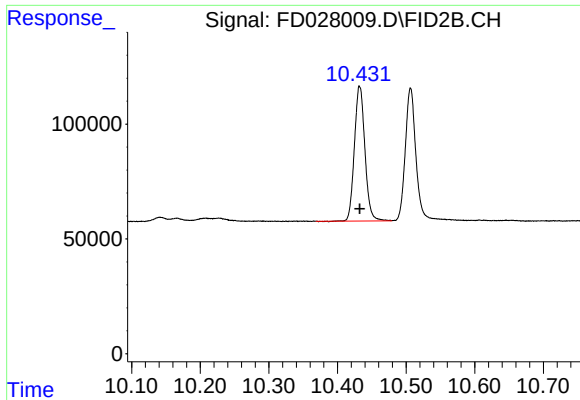
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 654655
Conc: 5.39 ug/ml



#8 Fluorene (C16.55)

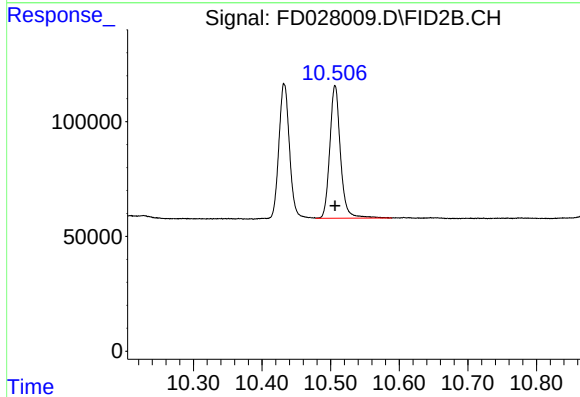
R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 668983
Conc: 5.56 ug/ml



#9 Phenanthrene (C19.36)

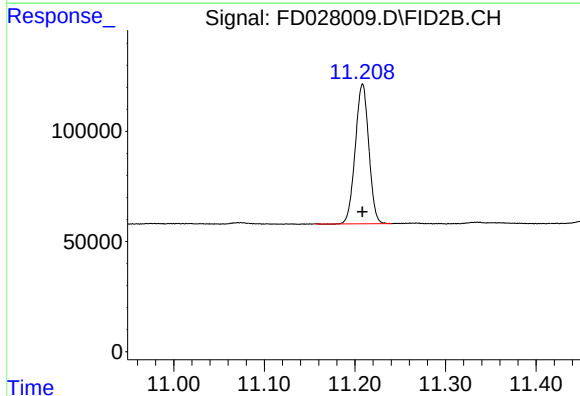
R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 627934
Conc: 5.62 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



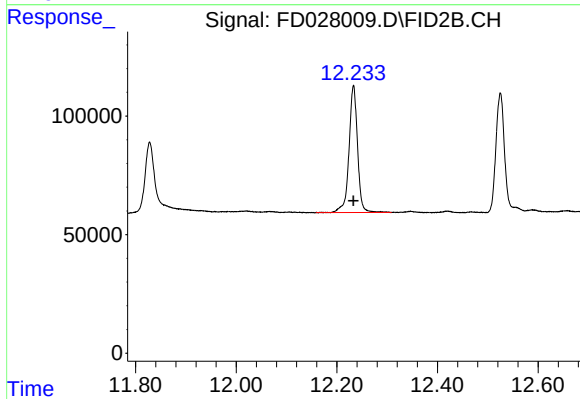
#10 Anthracene (C19.43)

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 624673
Conc: 5.64 ug/ml



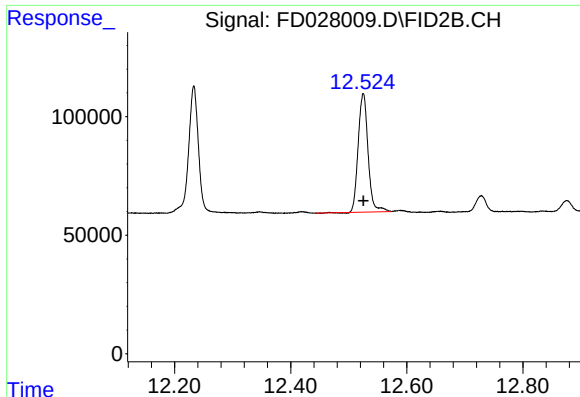
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 656273
Conc: 5.72 ug/ml



#12 Fluoranthene (C21.85)

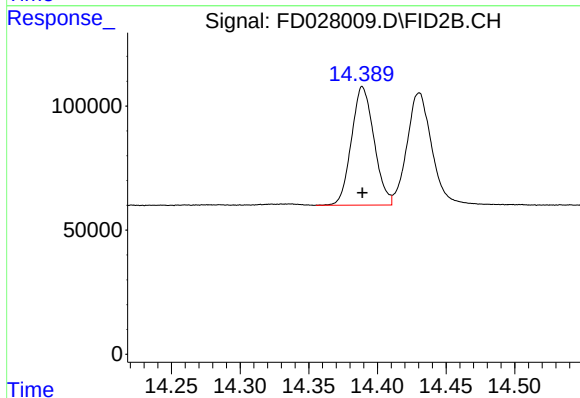
R.T.: 12.233 min
Delta R.T.: 0.000 min
Response: 631776
Conc: 5.82 ug/ml



#13 Pyrene (C20.8)

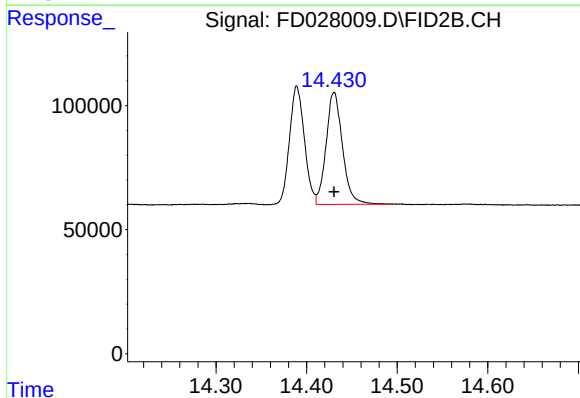
R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 591875
Conc: 5.64 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



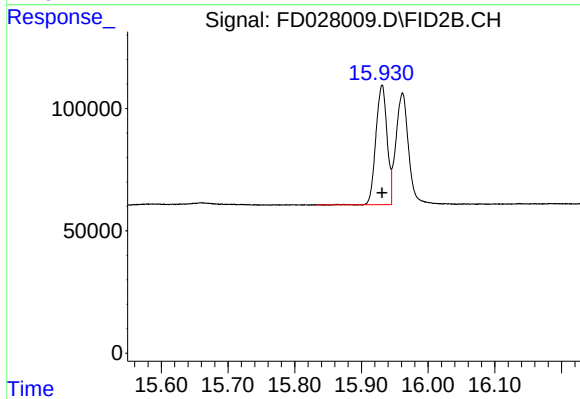
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.389 min
Delta R.T.: 0.000 min
Response: 546482
Conc: 5.40 ug/ml



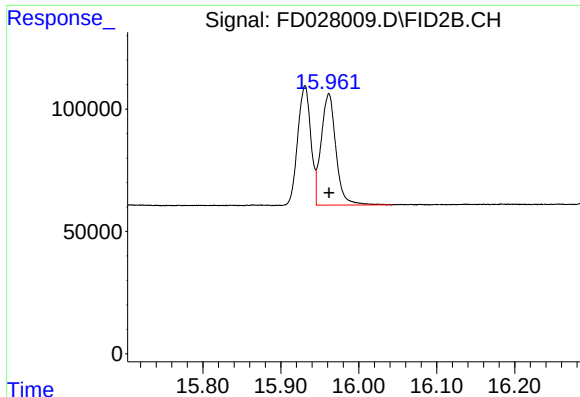
#15 Chrysene (C27.41)

R.T.: 14.430 min
Delta R.T.: 0.000 min
Response: 567757
Conc: 5.51 ug/ml



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

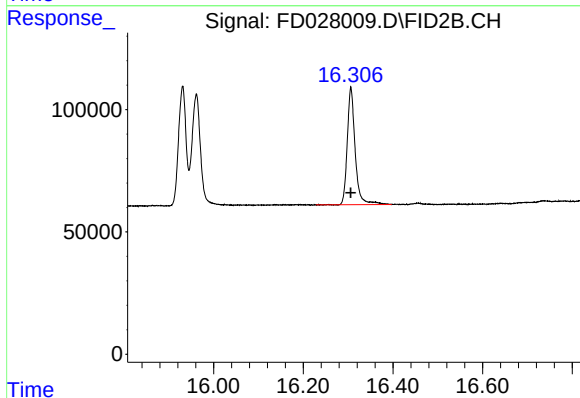
R.T.: 15.931 min
Delta R.T.: 0.000 min
Response: 566466
Conc: 5.37 ug/ml



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

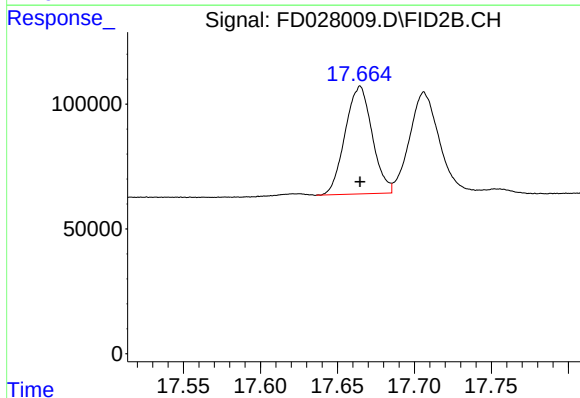
R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 599440
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



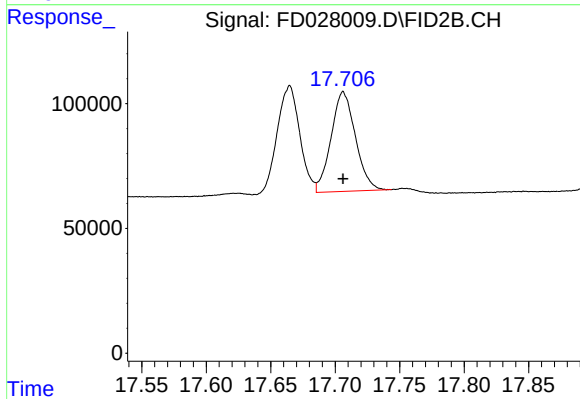
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 587344
Conc: 5.49 ug/ml



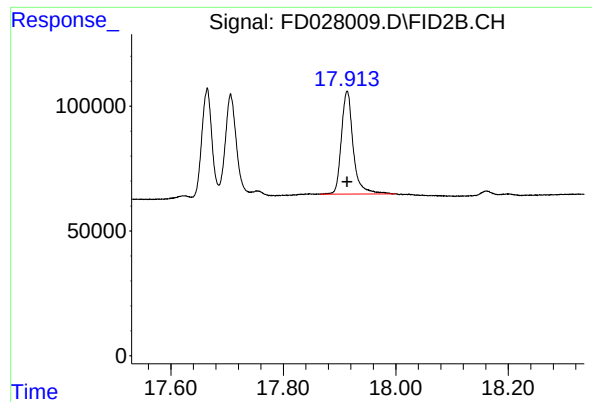
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.665 min
Delta R.T.: 0.000 min
Response: 526618
Conc: 5.15 ug/ml



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

R.T.: 17.706 min
Delta R.T.: 0.000 min
Response: 525939
Conc: 5.22 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.000 min
Response: 602603
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5