

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037878.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 20:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 23:53:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 2021
 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...	7.542	2812620	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
6) S 2-Fluorobiphenyl (SURR)	8.403	1885628	19.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.82%
11) S ortho-Terphenyl (SURR)	11.441	3095946	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.345	2972364	20.322 ug/ml
2) T Naphthalene (C11.7)	5.880	3133089	20.233 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3169210	20.273 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3036409	19.907 ug/ml
7) T Acenaphthene (C15.5)	8.501	3118022	19.776 ug/ml
8) T Fluorene (C16.55)	9.281	3019151	19.770 ug/ml
9) T Phenanthrene (C19.36)	10.675	2974669	19.487 ug/ml
10) T Anthracene (C19.43)	10.750	2877784	19.374 ug/ml
12) T Fluoranthene (C21.85)	12.485	2895472	19.213 ug/ml
13) T Pyrene (C20.8)	12.780	2813866	19.066 ug/ml
14) T Benzo[a]anthracene (C...	14.652	2561486	19.079 ug/ml
15) T Chrysene (C27.41)	14.694	2674052	19.042 ug/ml
16) T benzo[b]fluoranthene ...	16.203	2439376	18.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	2393422	18.789 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.581	2194708	18.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.949	2049367	18.477 ug/ml
20) T Dibenz[a,h]anthracene...	17.986	2140584	18.912 ug/ml
21) T Benzo[g,h,i]perylene ...	18.202	2065828	18.728 ug/ml

(f)=RT Delta > 1/2 Window

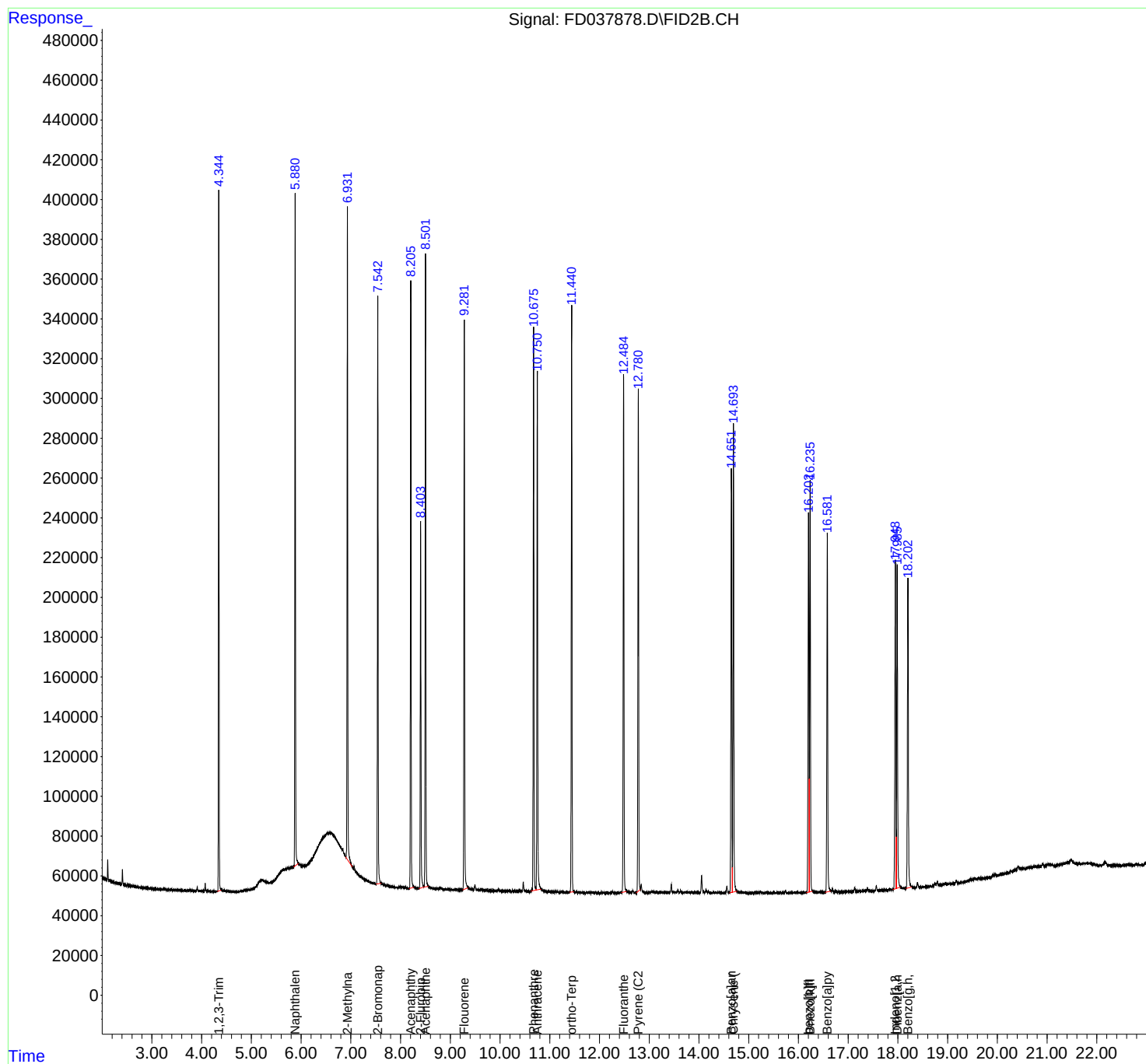
(m)=manual int.

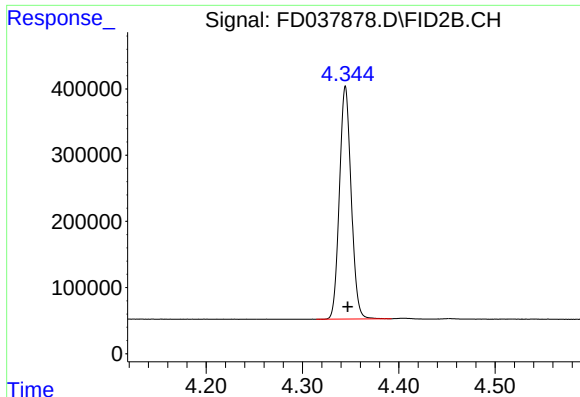
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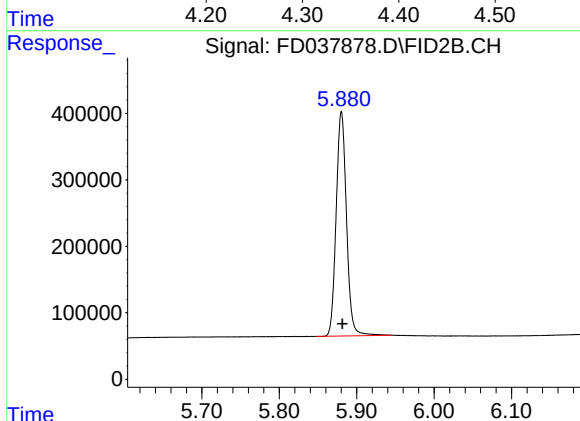




#1 1,2,3-Trimethylbenzene (C10.1)

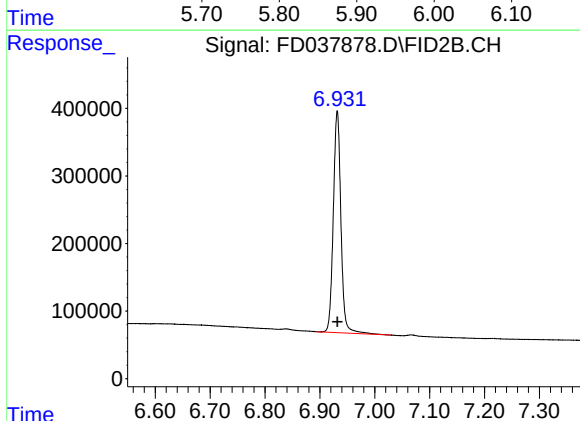
R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 2972364
Conc: 20.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



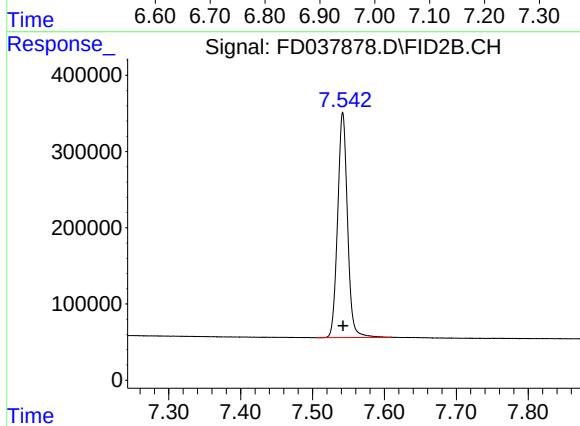
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 3133089
Conc: 20.23 ug/ml



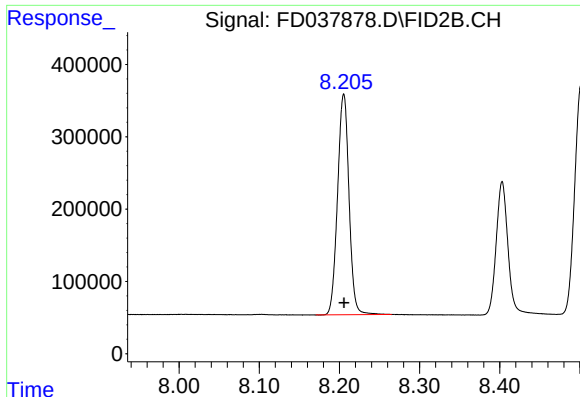
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 3169210
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

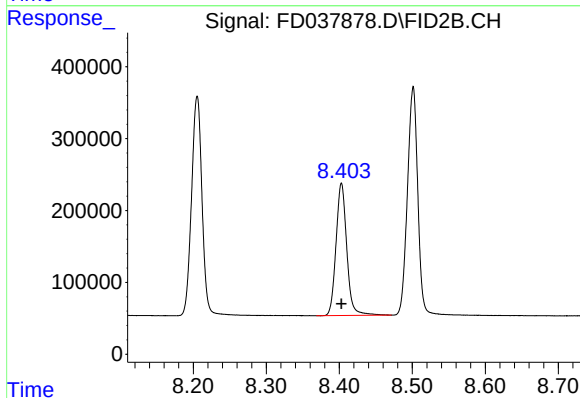
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 2812620
Conc: 20.08 ug/ml



#5 Acenaphthylene (C15.06)

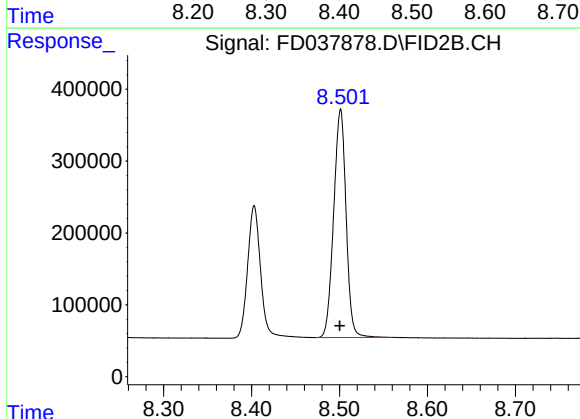
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 3036409
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



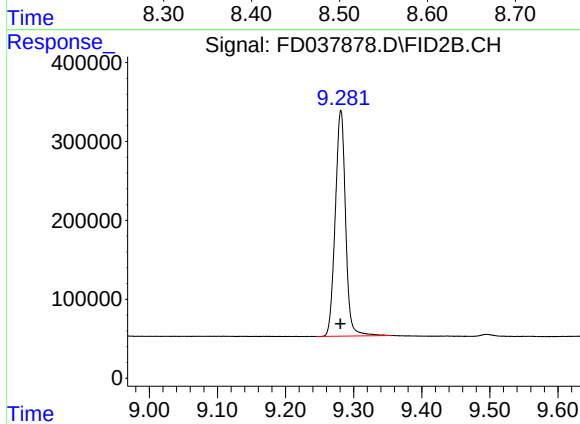
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 1885628
Conc: 19.91 ug/ml



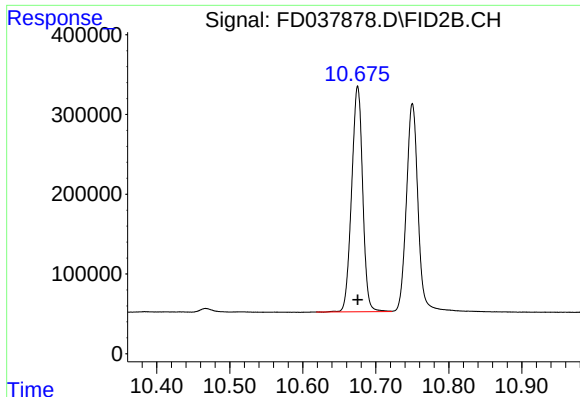
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.001 min
Response: 3118022
Conc: 19.78 ug/ml



#8 Flouorene (C16.55)

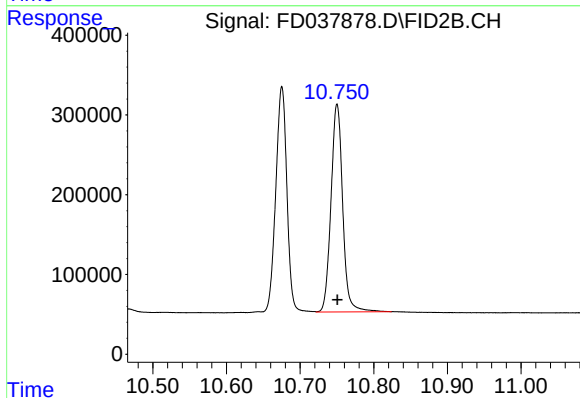
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 3019151
Conc: 19.77 ug/ml



#9 Phenanthrene (C19.36)

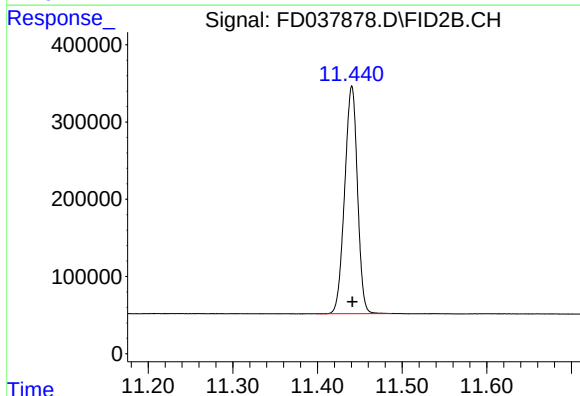
R.T.: 10.675 min
Delta R.T.: 0.000 min
Response: 2974669
Conc: 19.49 ug/ml

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20 PPM AROMATIC HC STD



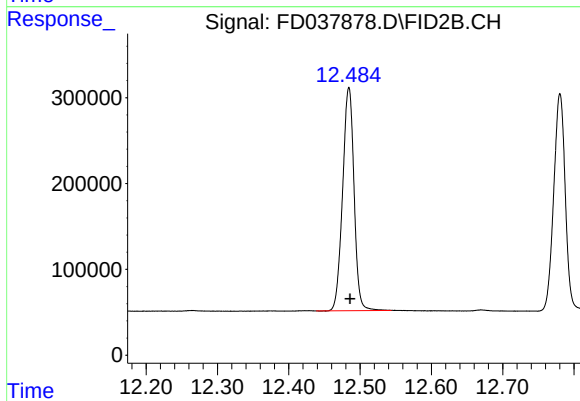
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2877784
Conc: 19.37 ug/ml



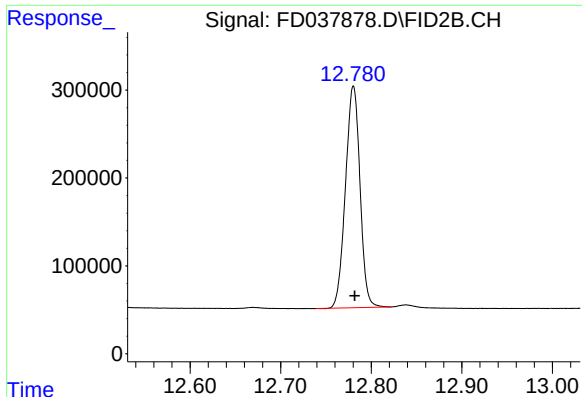
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 3095946
Conc: 19.33 ug/ml



#12 Fluoranthene (C21.85)

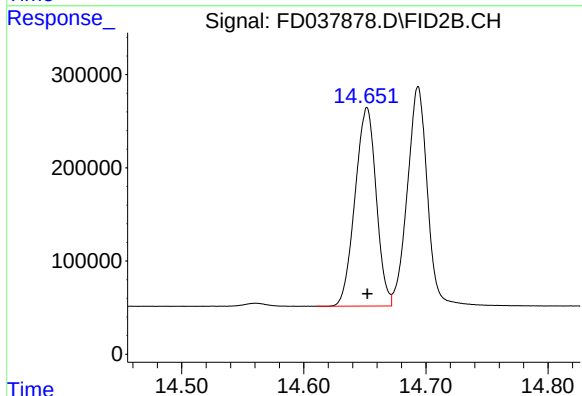
R.T.: 12.485 min
Delta R.T.: -0.002 min
Response: 2895472
Conc: 19.21 ug/ml



#13 Pyrene (C20.8)

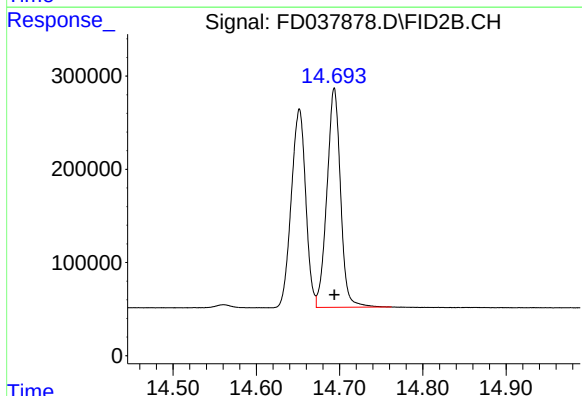
R.T.: 12.780 min
Delta R.T.: -0.001 min
Response: 2813866
Conc: 19.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



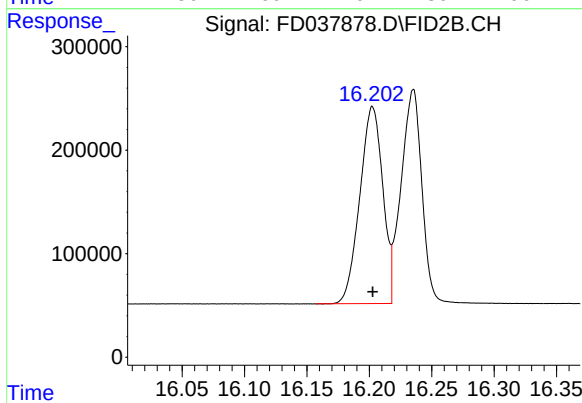
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.000 min
Response: 2561486
Conc: 19.08 ug/ml



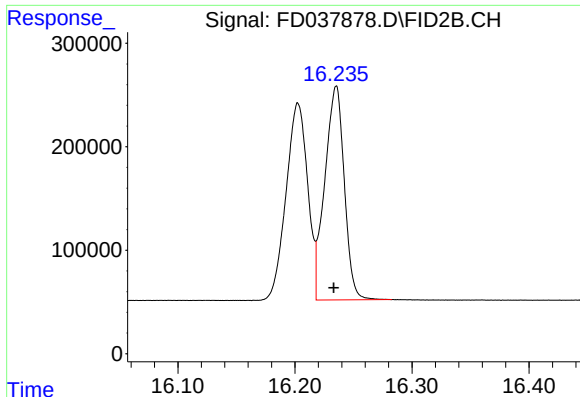
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: 0.000 min
Response: 2674052
Conc: 19.04 ug/ml



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

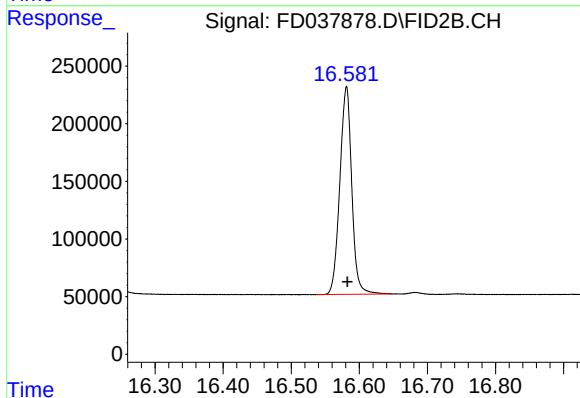
R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 2439376
Conc: 18.85 ug/ml



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

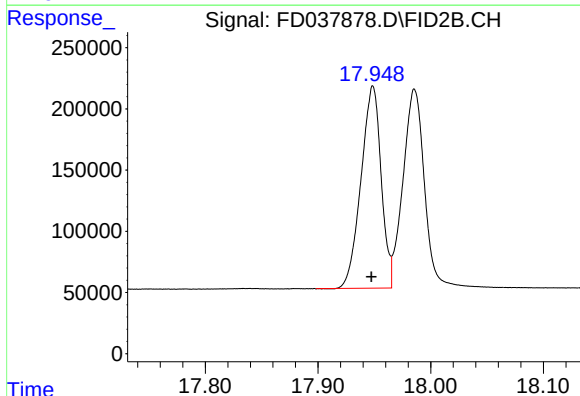
R.T.: 16.235 min
Delta R.T.: 0.002 min
Response: 2393422
Conc: 18.79 ug/ml

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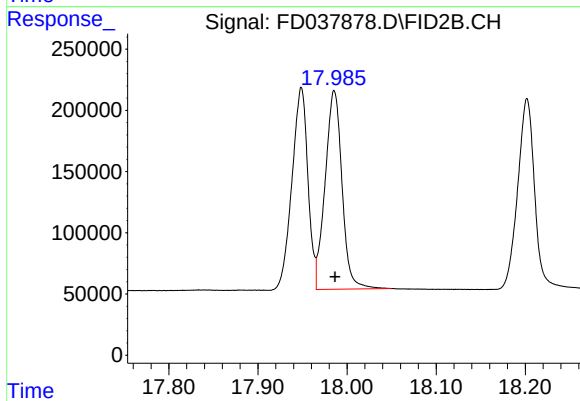
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.581 min
Delta R.T.: -0.001 min
Response: 2194708
Conc: 18.83 ug/ml



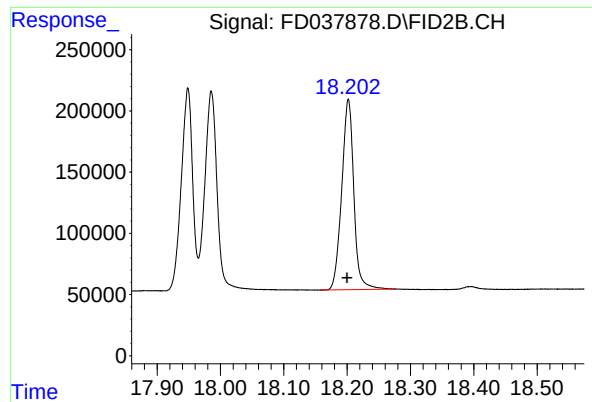
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.949 min
Delta R.T.: 0.001 min
Response: 2049367
Conc: 18.48 ug/ml



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

R.T.: 17.986 min
Delta R.T.: 0.000 min
Response: 2140584
Conc: 18.91 ug/ml



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

R.T.: 18.202 min
Delta R.T.: 0.002 min
Response: 2065828
Conc: 18.73 ug/ml

Instrument :
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