

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
 Data File : FD032575.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2020 8:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 10:20:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.620	2808313	21.728 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.482	1826415	20.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.38%
11) S ortho-Terphenyl (SURR)	11.518	2827190	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3151793	23.694 ug/ml
2) T Naphthalene (C11.7)	5.961	3198816	22.513 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	3107455	21.891 ug/ml
5) T Acenaphthylene (C15.06)	8.285	2877548	21.036 ug/ml
7) T Acenaphthene (C15.5)	8.580	3008507	21.309 ug/ml
8) T Fluorene (C16.55)	9.359	2885613	20.585 ug/ml
9) T Phenanthrene (C19.36)	10.754	2798139	20.023 ug/ml
10) T Anthracene (C19.43)	10.828	2562489	18.303 ug/ml
12) T Fluoranthene (C21.85)	12.564	2716692	19.370 ug/ml
13) T Pyrene (C20.8)	12.861	2674938	19.455 ug/ml
14) T Benzo[a]anthracene (C...	14.731	2514652	19.271 ug/ml
15) T Chrysene (C27.41)	14.774	2618243	19.449 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2586381	20.161 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	2595390	19.770 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	2560338	20.098 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	2534708	21.271 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2639260	20.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2593144	21.935 ug/ml

(f)=RT Delta > 1/2 Window

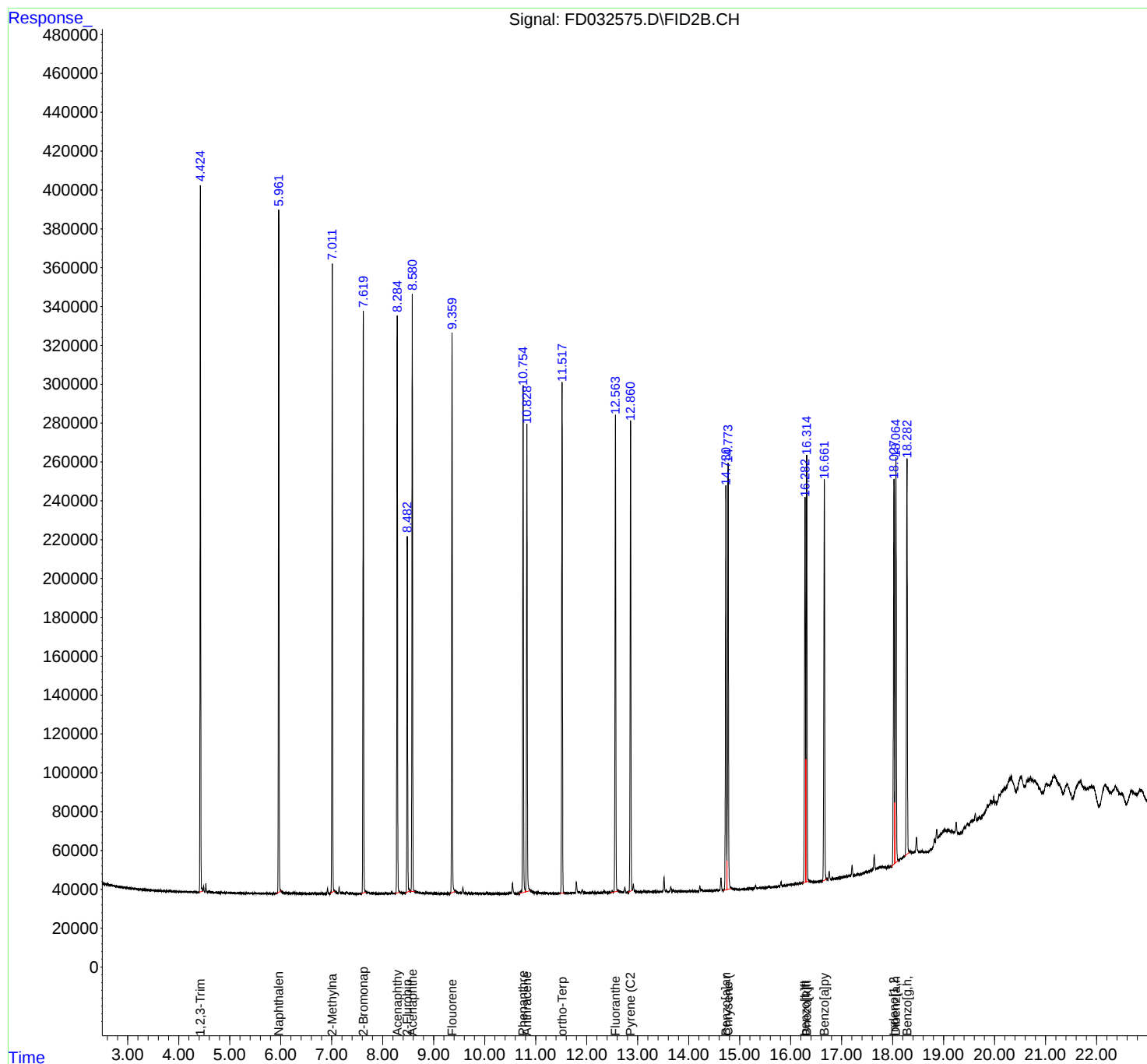
(m)=manual int.

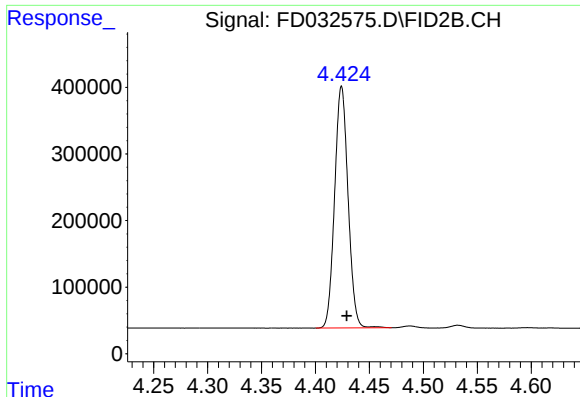
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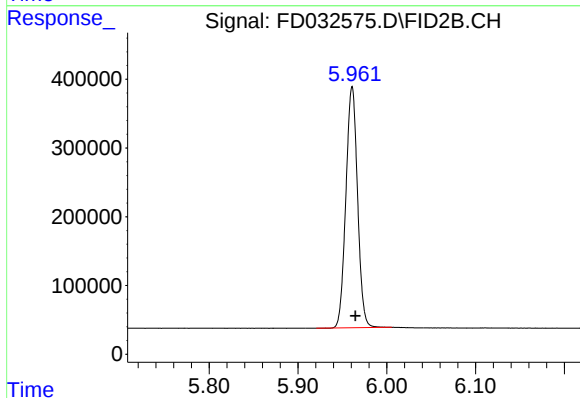




#1 1,2,3-Trimethylbenzene (C10.1)

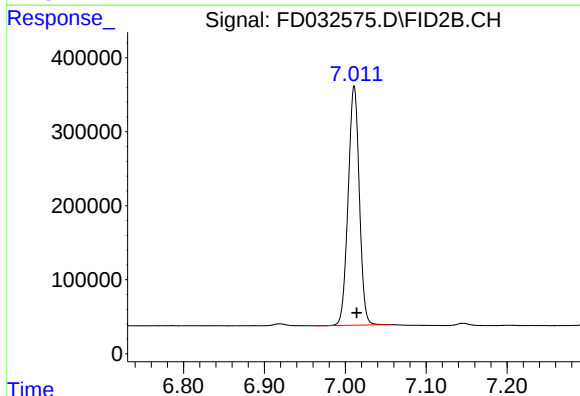
R.T.: 4.424 min
Delta R.T.: -0.005 min
Response: 3151793
Conc: 23.69 ug/ml

Instrument :
FID_D
ClientSampleId :



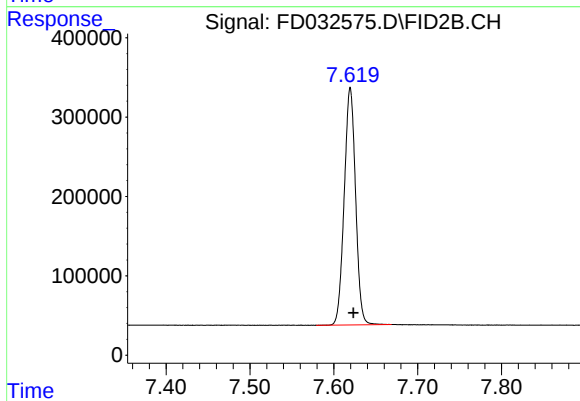
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 3198816
Conc: 22.51 ug/ml



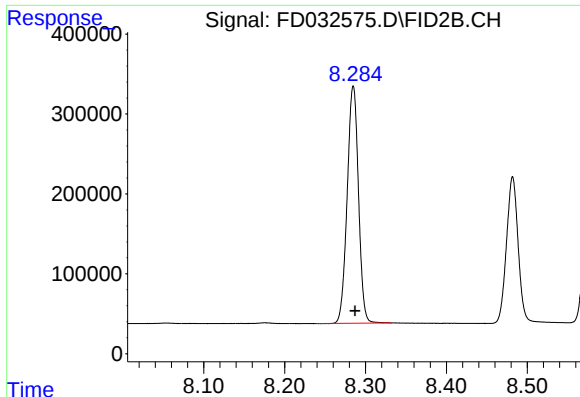
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 3107455
Conc: 21.89 ug/ml



#4 2-Bromonaphthalene (SURR)

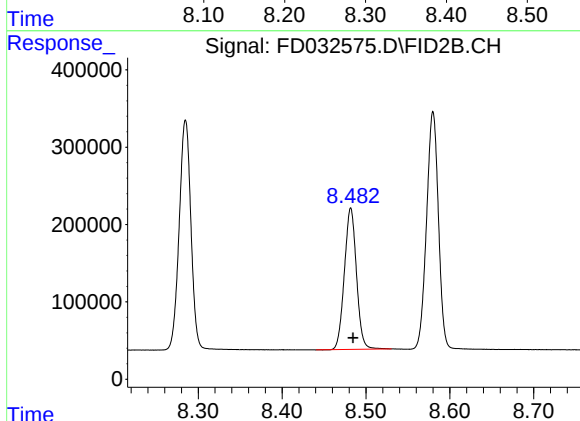
R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 2808313
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

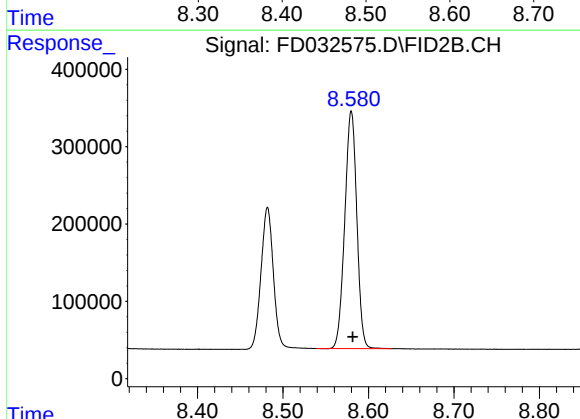
R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 2877548
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



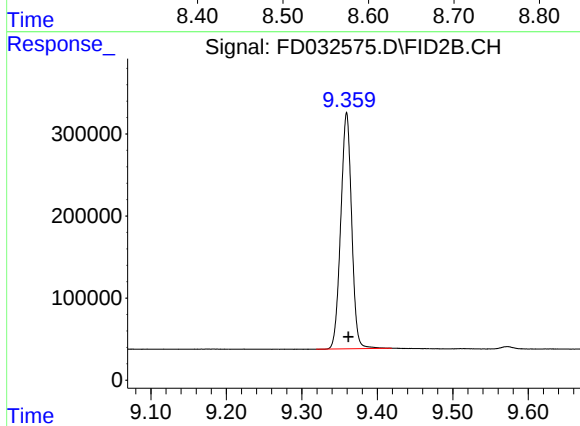
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.003 min
Response: 1826415
Conc: 20.69 ug/ml



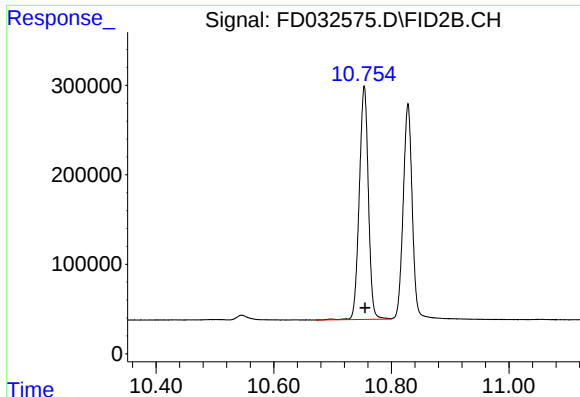
#7 Acenaphthene (C15.5)

R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 3008507
Conc: 21.31 ug/ml



#8 Flouorene (C16.55)

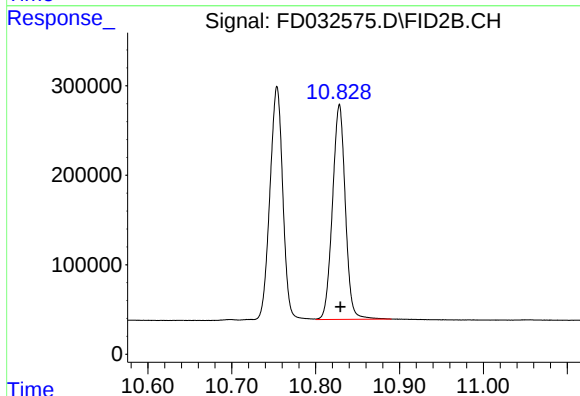
R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 2885613
Conc: 20.58 ug/ml



#9 Phenanthrene (C19.36)

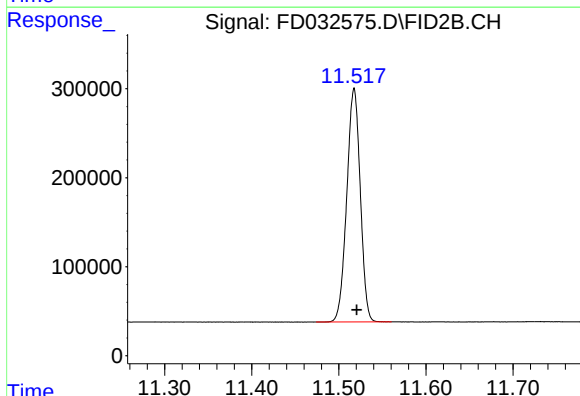
R.T.: 10.754 min
Delta R.T.: -0.001 min
Response: 2798139
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :



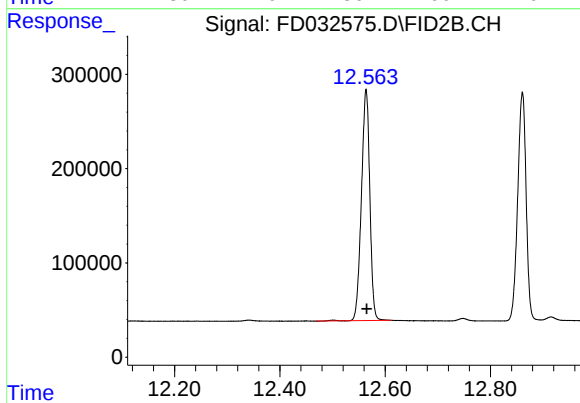
#10 Anthracene (C19.43)

R.T.: 10.828 min
Delta R.T.: 0.000 min
Response: 2562489
Conc: 18.30 ug/ml



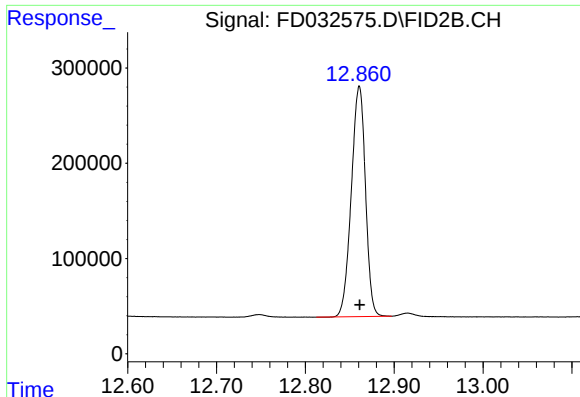
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 2827190
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

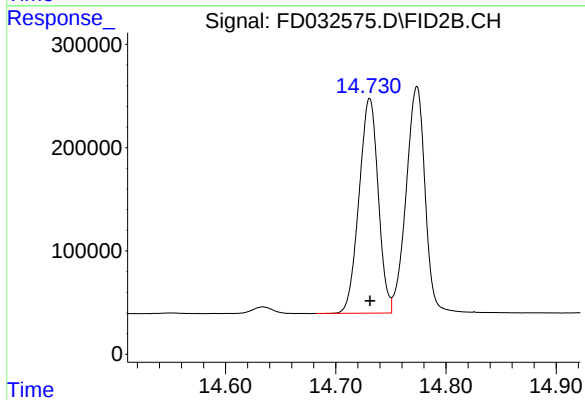
R.T.: 12.564 min
Delta R.T.: 0.000 min
Response: 2716692
Conc: 19.37 ug/ml



#13 Pyrene (C20.8)

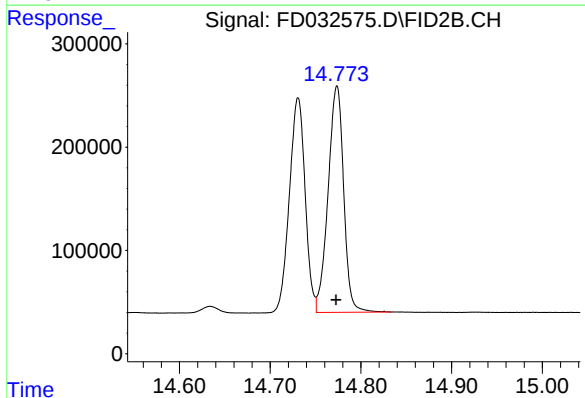
R.T.: 12.861 min
Delta R.T.: 0.000 min
Response: 2674938
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :



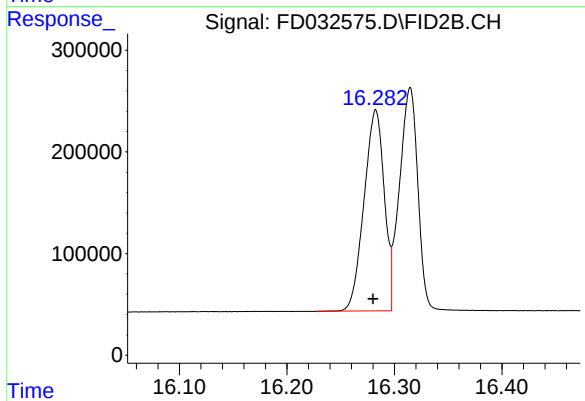
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.731 min
Delta R.T.: 0.000 min
Response: 2514652
Conc: 19.27 ug/ml



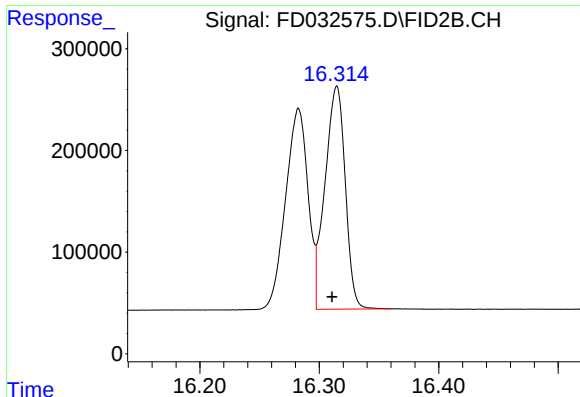
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: 0.001 min
Response: 2618243
Conc: 19.45 ug/ml



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

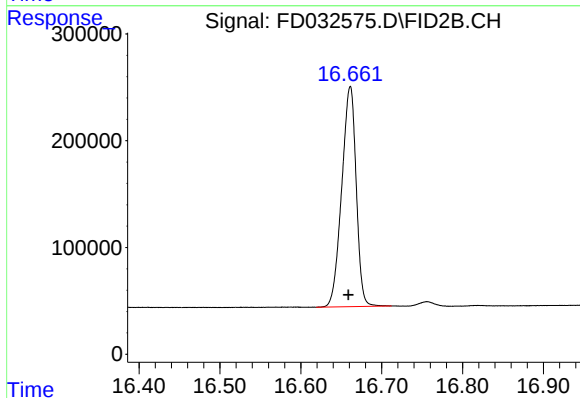
R.T.: 16.283 min
Delta R.T.: 0.003 min
Response: 2586381
Conc: 20.16 ug/ml



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

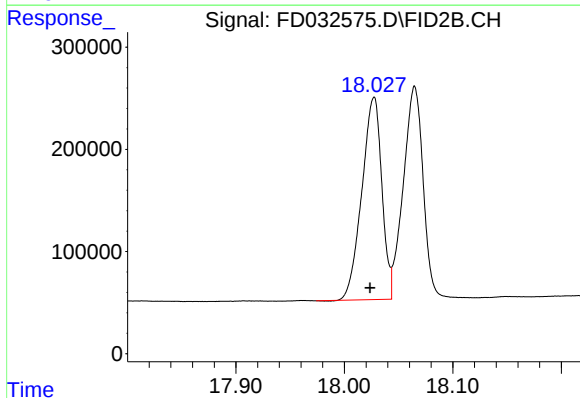
R.T.: 16.315 min
Delta R.T.: 0.004 min
Response: 2595390
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



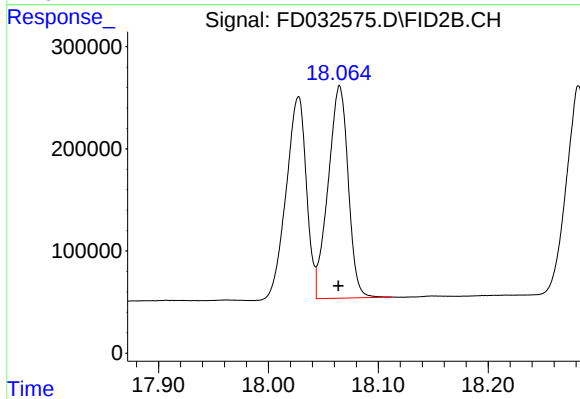
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.002 min
Response: 2560338
Conc: 20.10 ug/ml



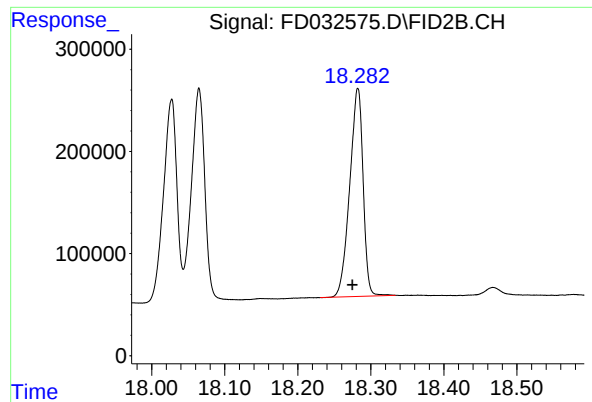
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: 0.003 min
Response: 2534708
Conc: 21.27 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 2639260
Conc: 20.87 ug/ml



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

R.T.: 18.282 min
Delta R.T.: 0.007 min
Response: 2593144
Conc: 21.94 ug/ml

Instrument :
FID_D
ClientSampleId :