

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030920AR\
 Data File : FD032544.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2020 3:45
 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 10 09:06:08 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	2582121	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
6) S 2-Fluorobiphenyl (SURR)	8.480	1684192	19.078 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.16%
11) S ortho-Terphenyl (SURR)	11.515	2615368	18.862 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	2898085	21.787 ug/ml
2) T Naphthalene (C11.7)	5.961	2949087	20.756 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	2858865	20.140 ug/ml
5) T Acenaphthylene (C15.06)	8.283	2640215	19.301 ug/ml
7) T Acenaphthene (C15.5)	8.578	2750174	19.479 ug/ml
8) T Fluorene (C16.55)	9.357	2645231	18.870 ug/ml
9) T Phenanthrene (C19.36)	10.751	2548021	18.233 ug/ml
10) T Anthracene (C19.43)	10.825	2371993	16.942 ug/ml
12) T Fluoranthene (C21.85)	12.560	2487845	17.738 ug/ml
13) T Pyrene (C20.8)	12.856	2446803	17.796 ug/ml
14) T Benzo[a]anthracene (C...	14.726	2270082	17.397 ug/ml
15) T Chrysene (C27.41)	14.768	2385410	17.720 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2331173	18.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	2364184	18.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2321319	18.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2271139	19.059 ug/ml
20) T Dibenz[a,h]anthracene...	18.059	2420879	19.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2331115	19.719 ug/ml

(f)=RT Delta > 1/2 Window

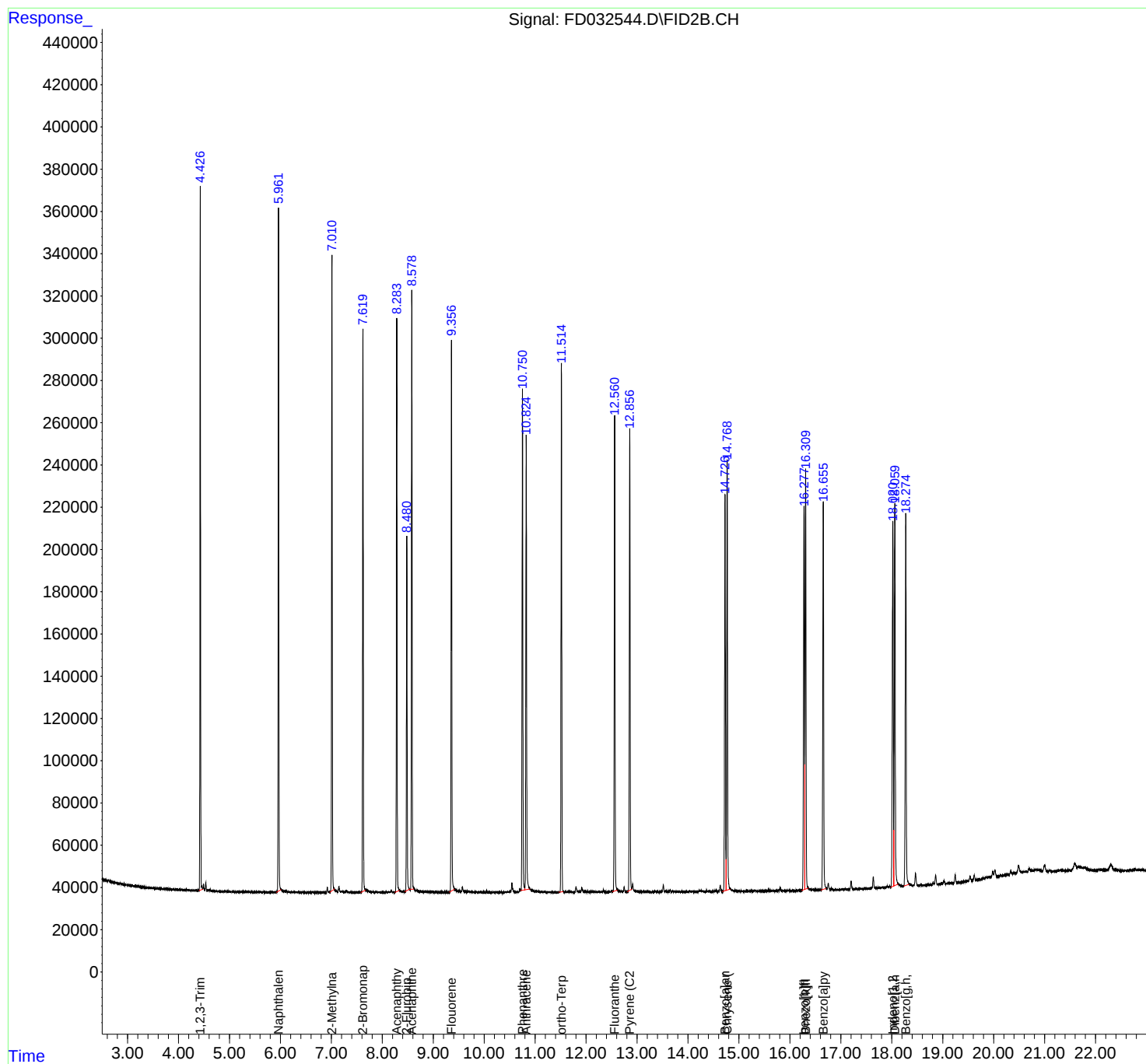
(m)=manual int.

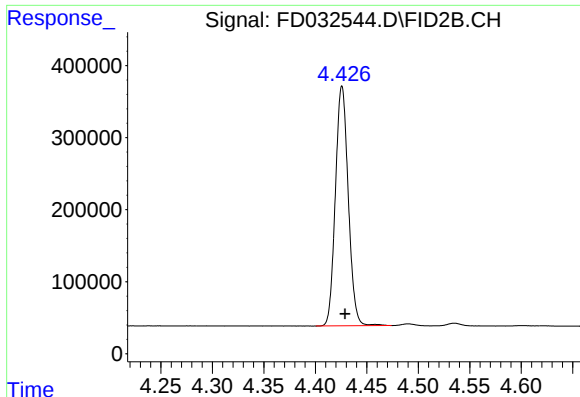
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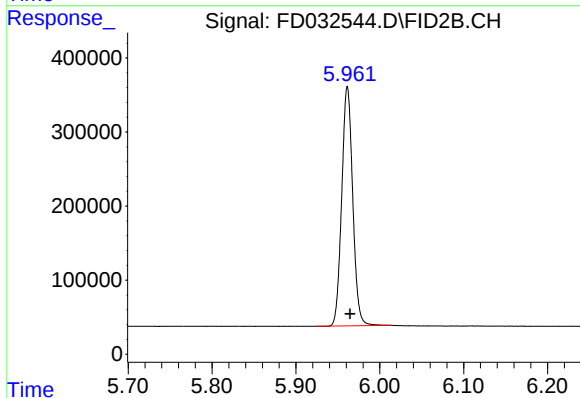




#1 1,2,3-Trimethylbenzene (C10.1)

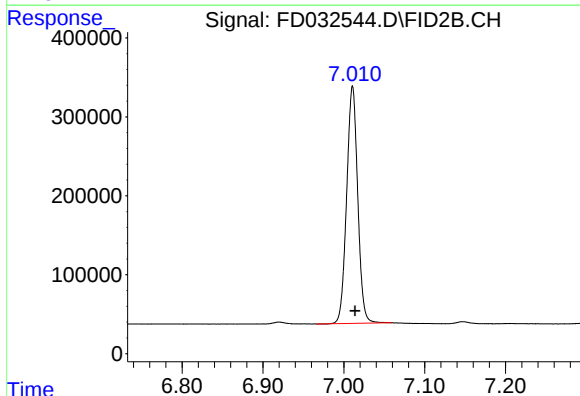
R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 2898085
Conc: 21.79 ug/ml

Instrument :
FID_D
ClientSampleId :



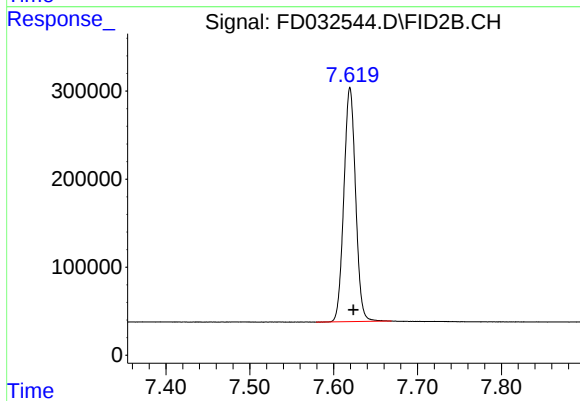
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 2949087
Conc: 20.76 ug/ml



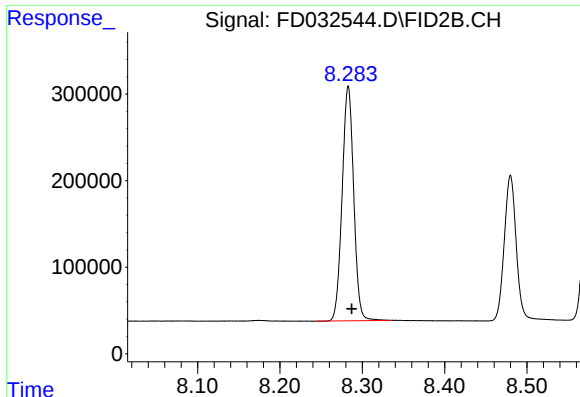
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 2858865
Conc: 20.14 ug/ml



#4 2-Bromonaphthalene (SURR)

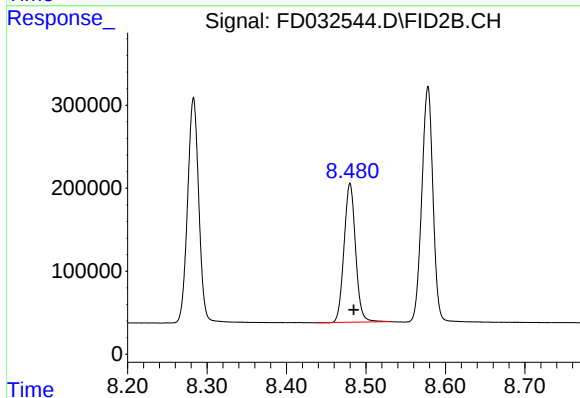
R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 2582121
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

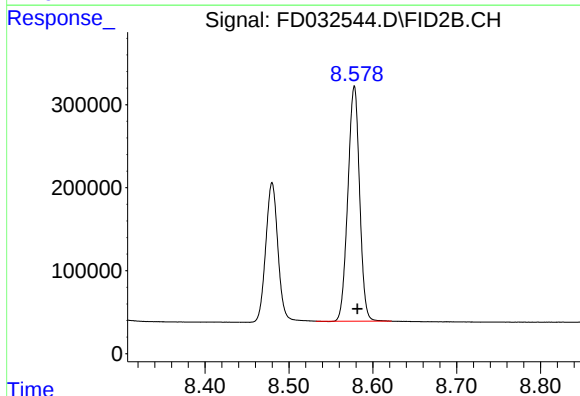
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 2640215
Conc: 19.30 ug/ml

Instrument :
FID_D
ClientSampleId :



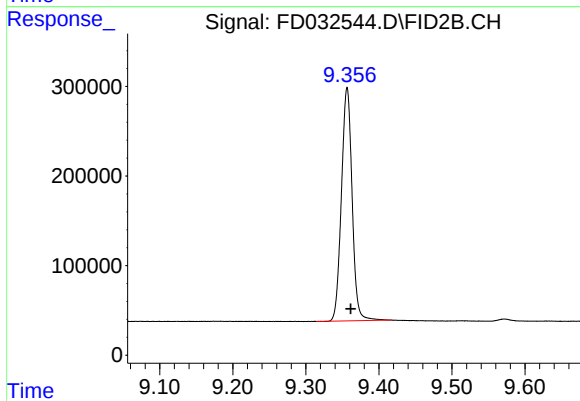
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.004 min
Response: 1684192
Conc: 19.08 ug/ml



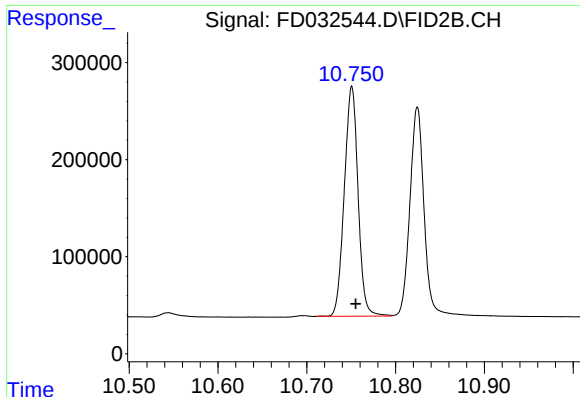
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 2750174
Conc: 19.48 ug/ml



#8 Flouorene (C16.55)

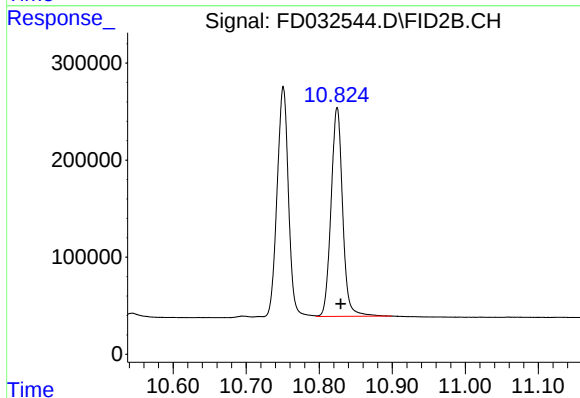
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 2645231
Conc: 18.87 ug/ml



#9 Phenanthrene (C19.36)

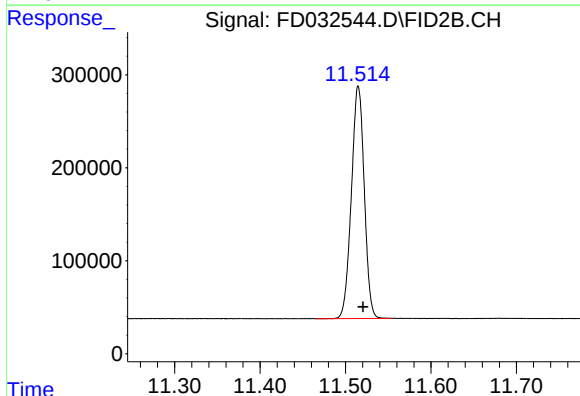
R.T.: 10.751 min
Delta R.T.: -0.005 min
Response: 2548021
Conc: 18.23 ug/ml

Instrument :
FID_D
ClientSampleId :



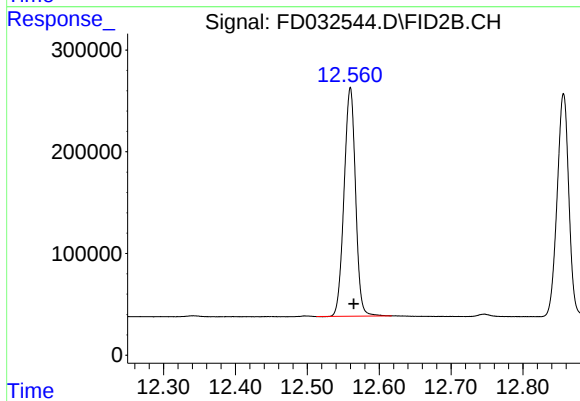
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.005 min
Response: 2371993
Conc: 16.94 ug/ml



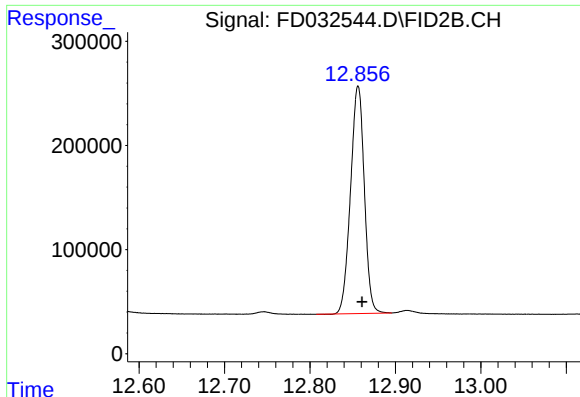
#11 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2615368
Conc: 18.86 ug/ml



#12 Fluoranthene (C21.85)

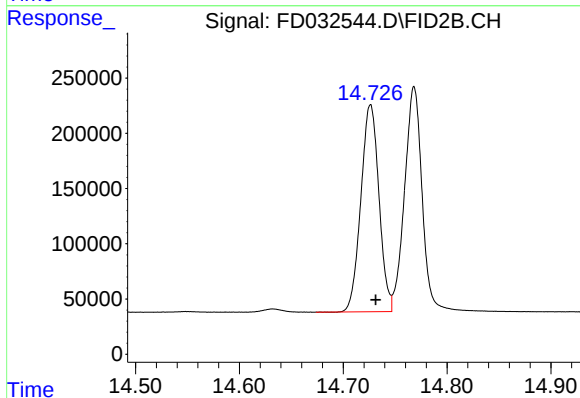
R.T.: 12.560 min
Delta R.T.: -0.005 min
Response: 2487845
Conc: 17.74 ug/ml



#13 Pyrene (C20.8)

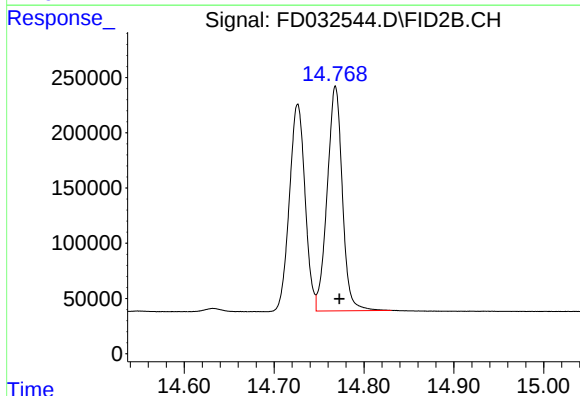
R.T.: 12.856 min
Delta R.T.: -0.005 min
Response: 2446803
Conc: 17.80 ug/ml

Instrument :
FID_D
ClientSampleId :



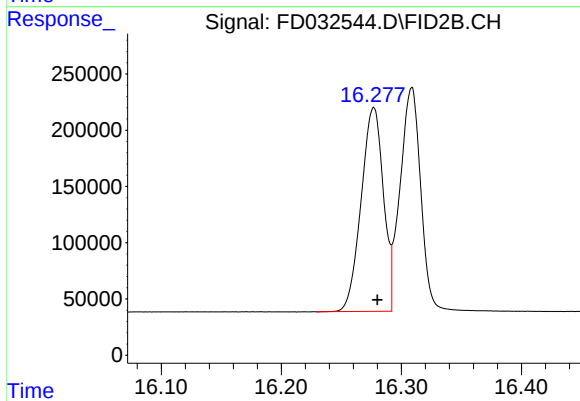
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: -0.005 min
Response: 2270082
Conc: 17.40 ug/ml



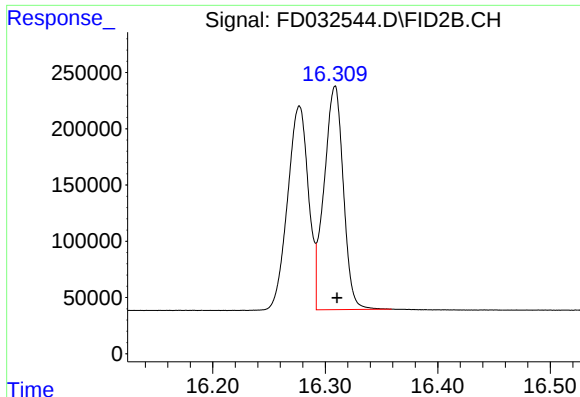
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: -0.004 min
Response: 2385410
Conc: 17.72 ug/ml



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

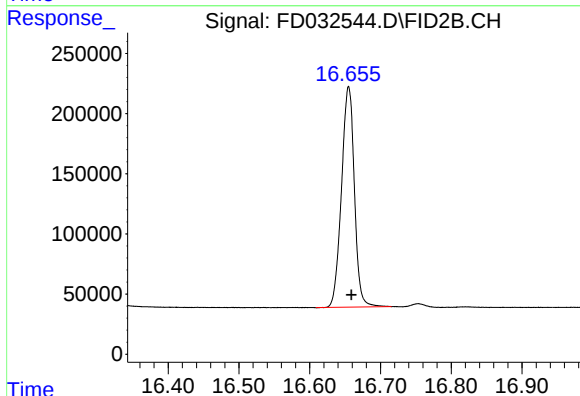
R.T.: 16.277 min
Delta R.T.: -0.003 min
Response: 2331173
Conc: 18.17 ug/ml



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

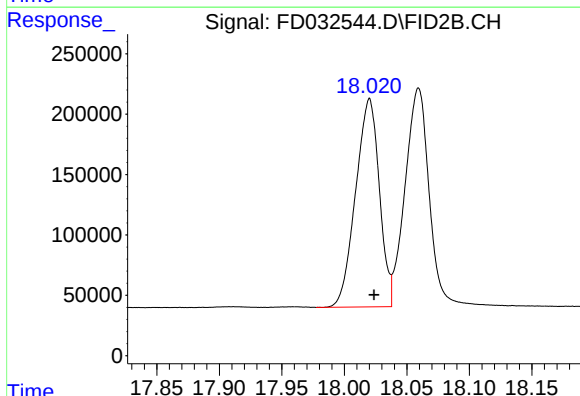
R.T.: 16.309 min
Delta R.T.: -0.002 min
Response: 2364184
Conc: 18.01 ug/ml

Instrument :
FID_D
ClientSampleId :



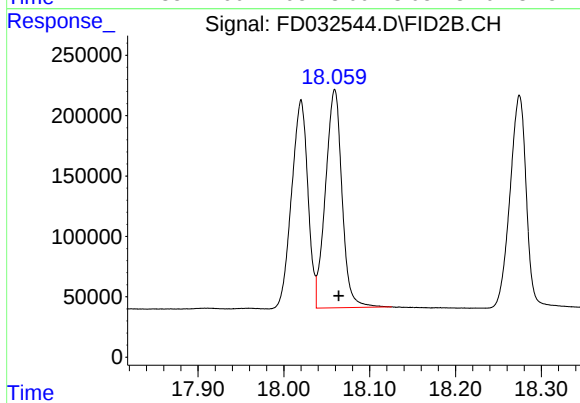
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: -0.004 min
Response: 2321319
Conc: 18.22 ug/ml



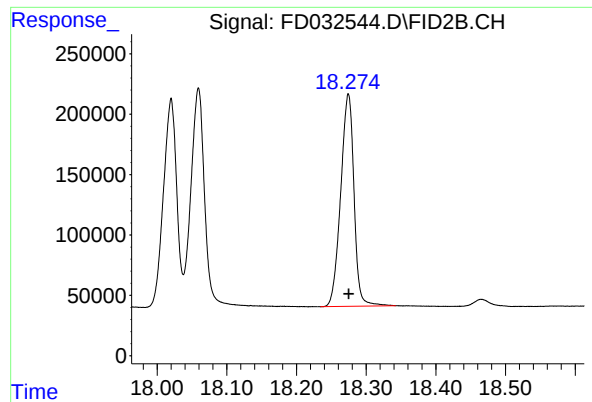
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.004 min
Response: 2271139
Conc: 19.06 ug/ml



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

R.T.: 18.059 min
Delta R.T.: -0.005 min
Response: 2420879
Conc: 19.15 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2331115
Conc: 19.72 ug/ml

Instrument :
FID_D
ClientSampleId :