

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036940.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2021 21:44
 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: Apr 16 02:41:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.584	2397096	17.044 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
6) S 2-Fluorobiphenyl (SURR)	8.444	1528775	16.286 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.57%
11) S ortho-Terphenyl (SURR)	11.485	2431679	15.921 ug/ml
Spiked Amount 50.000		Recovery =	31.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.385	2686694	18.329 ug/ml
2) T Naphthalene (C11.7)	5.921	2759600	17.559 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2690186	17.117 ug/ml
5) T Acenaphthylene (C15.06)	8.247	2492448	16.634 ug/ml
7) T Acenaphthene (C15.5)	8.543	2579493	16.617 ug/ml
8) T Flouorene (C16.55)	9.323	2422045	16.087 ug/ml
9) T Phenanthrene (C19.36)	10.717	2269106	15.481 ug/ml
10) T Anthracene (C19.43)	10.791	2197774	15.181 ug/ml
12) T Fluoranthene (C21.85)	12.526	2141401	15.253 ug/ml
13) T Pyrene (C20.8)	12.823	2097093	15.285 ug/ml
14) T Benzo[a]anthracene (C...	14.692	1966467	16.559 ug/ml
15) T Chrysene (C27.41)	14.734	2031648	16.800 ug/ml
16) T benzo[b]fluoranthene ...	16.241	2067773	18.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.272	2001865	18.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	1924229	19.308 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	2026532	20.161 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2023884	20.072 ug/ml
21) T Benzo[g,h,i]perylene ...	18.235	2072552	20.455 ug/ml

(f)=RT Delta > 1/2 Window

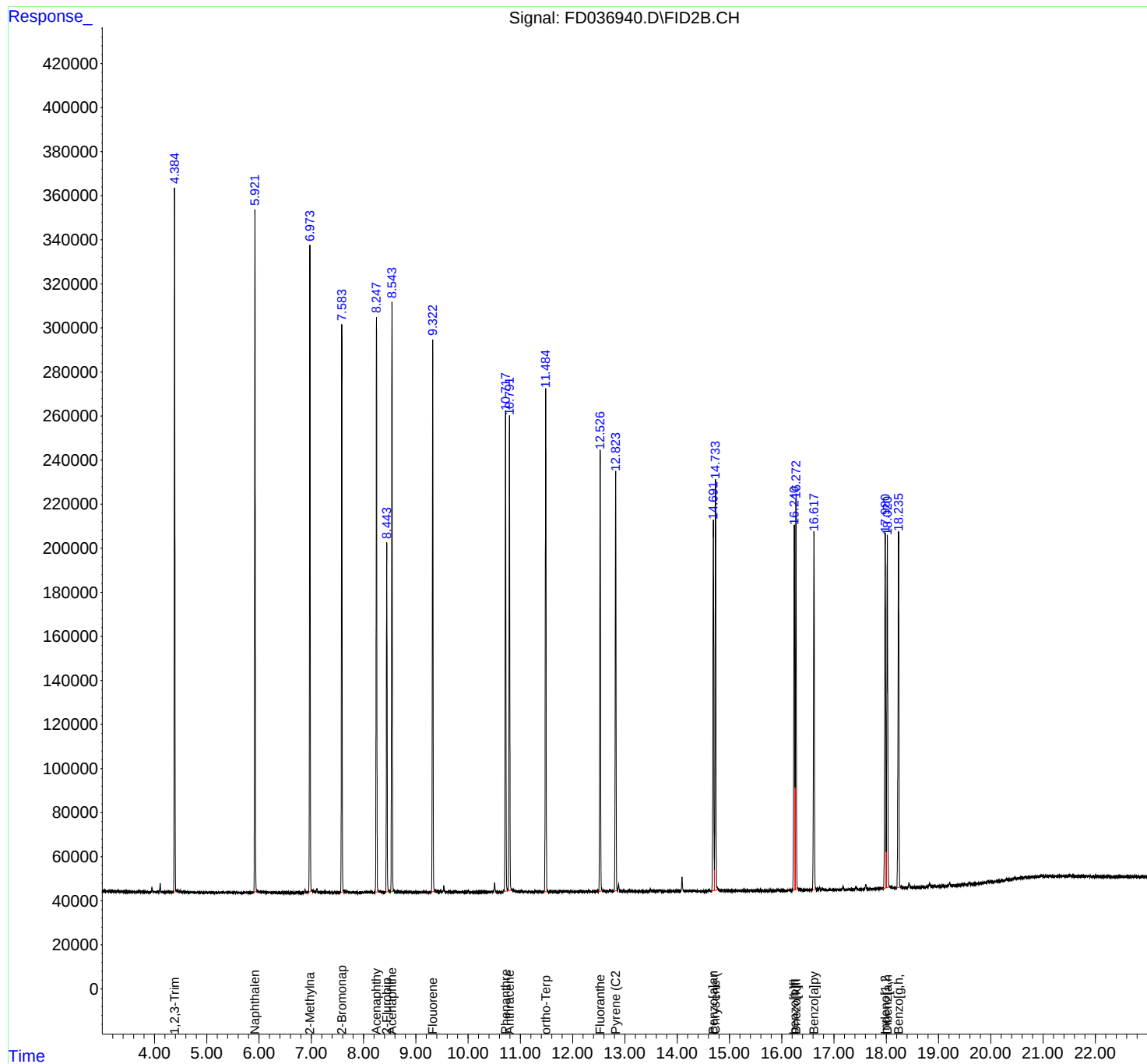
(m)=manual int.

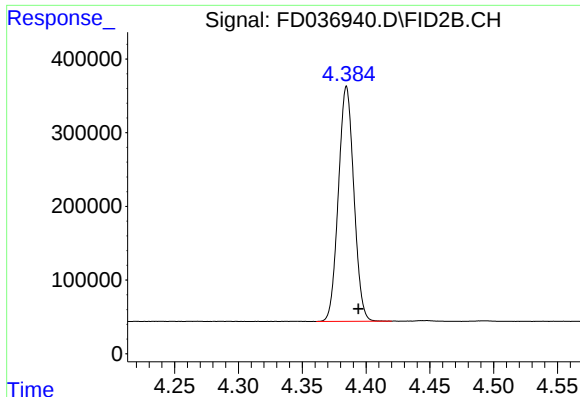
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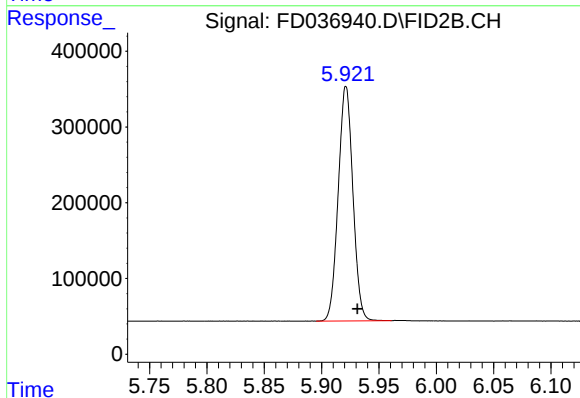




#1 1,2,3-Trimethylbenzene (C10.1)

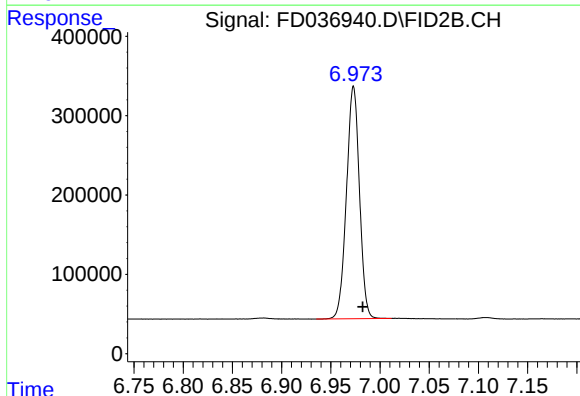
R.T.: 4.385 min
Delta R.T.: -0.009 min
Response: 2686694
Conc: 18.33 ug/ml

Instrument :
FID_D
ClientSampleId :



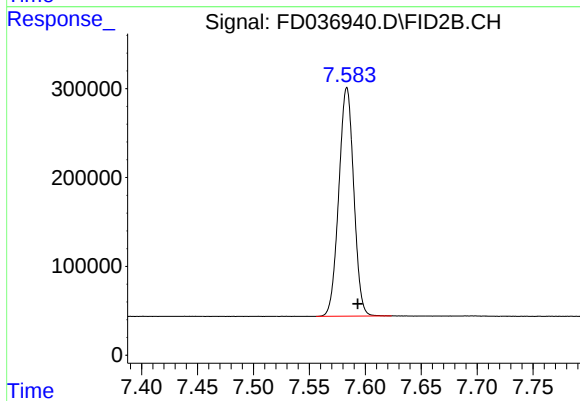
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.010 min
Response: 2759600
Conc: 17.56 ug/ml



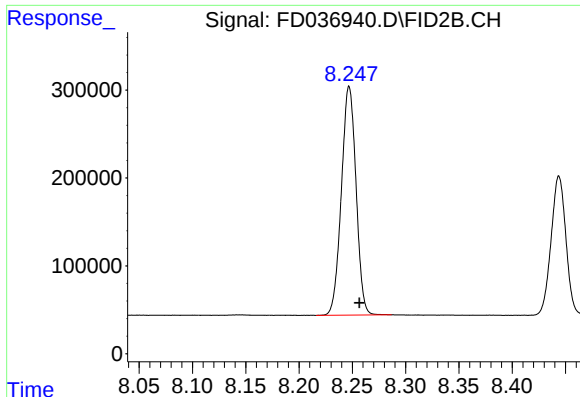
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 2690186
Conc: 17.12 ug/ml



#4 2-Bromonaphthalene (SURR)

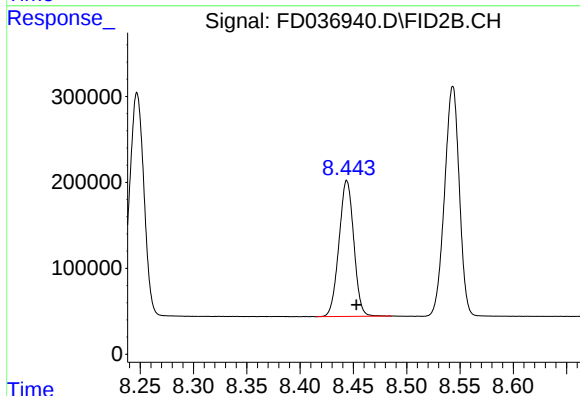
R.T.: 7.584 min
Delta R.T.: -0.010 min
Response: 2397096
Conc: 17.04 ug/ml



#5 Acenaphthylene (C15.06)

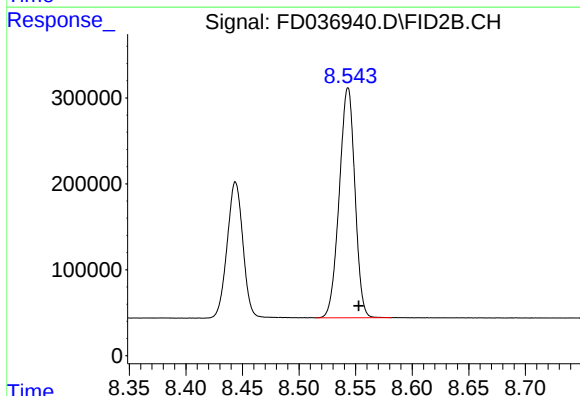
R.T.: 8.247 min
Delta R.T.: -0.010 min
Response: 2492448
Conc: 16.63 ug/ml

Instrument :
FID_D
ClientSampleId :



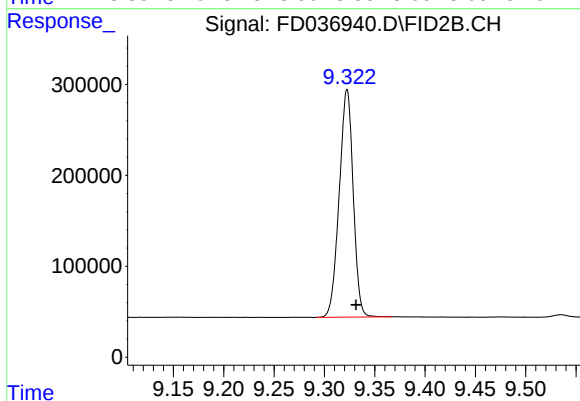
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1528775
Conc: 16.29 ug/ml



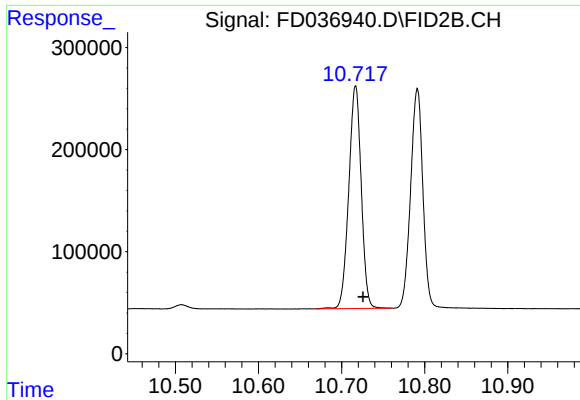
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.009 min
Response: 2579493
Conc: 16.62 ug/ml



#8 Flouorene (C16.55)

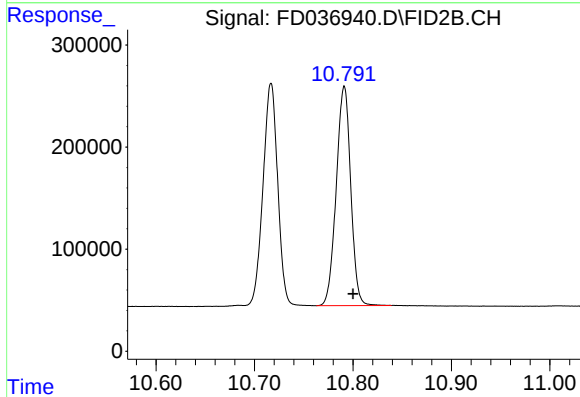
R.T.: 9.323 min
Delta R.T.: -0.009 min
Response: 2422045
Conc: 16.09 ug/ml



#9 Phenanthrene (C19.36)

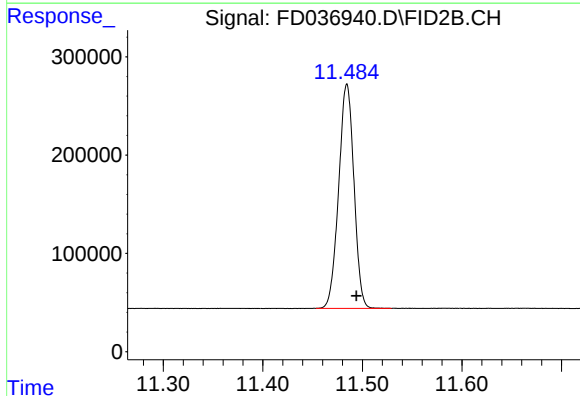
R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 2269106
Conc: 15.48 ug/ml

Instrument :
FID_D
ClientSampleId :



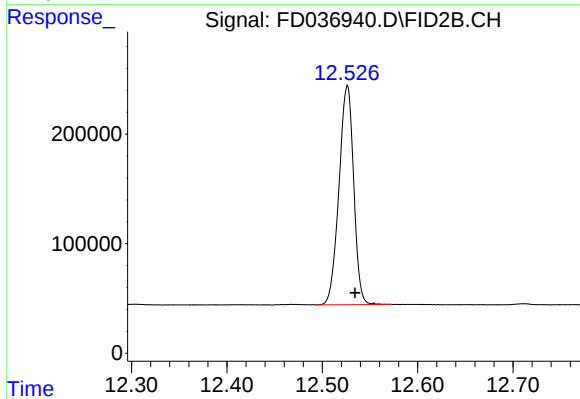
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.009 min
Response: 2197774
Conc: 15.18 ug/ml



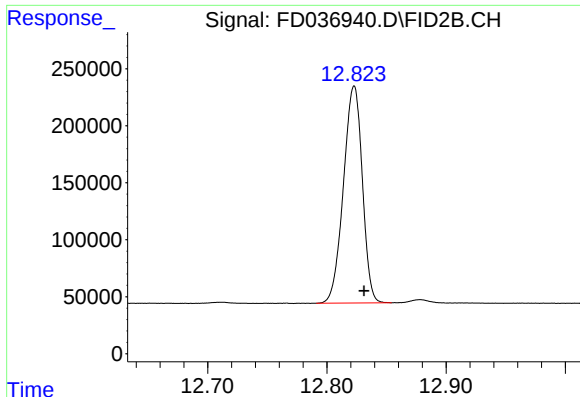
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.009 min
Response: 2431679
Conc: 15.92 ug/ml



#12 Fluoranthene (C21.85)

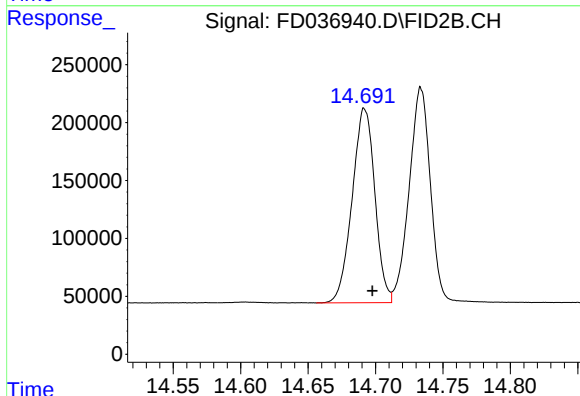
R.T.: 12.526 min
Delta R.T.: -0.008 min
Response: 2141401
Conc: 15.25 ug/ml



#13 Pyrene (C20.8)

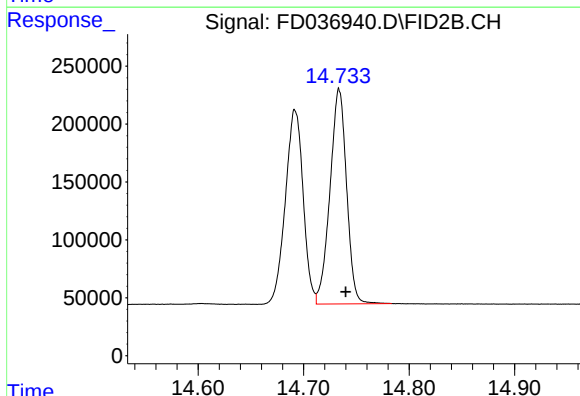
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 2097093
Conc: 15.28 ug/ml

Instrument :
FID_D
ClientSampleId :



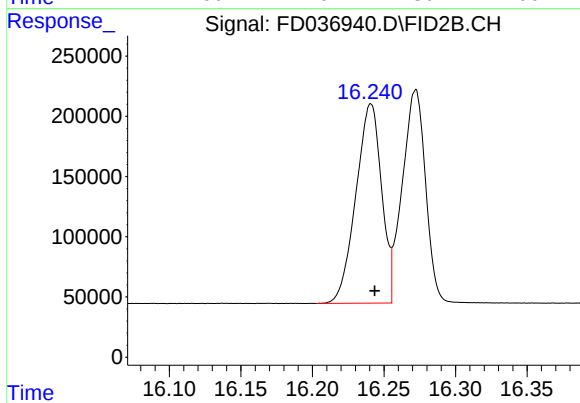
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 1966467
Conc: 16.56 ug/ml



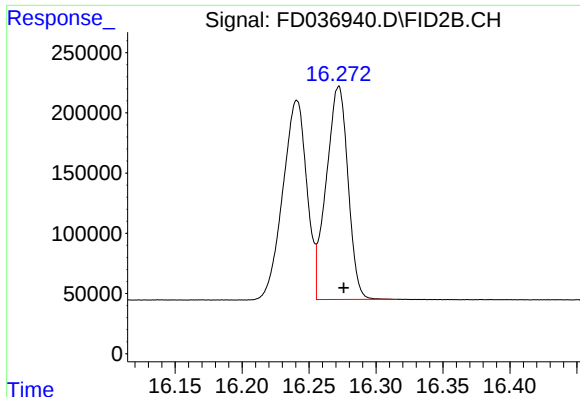
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2031648
Conc: 16.80 ug/ml



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

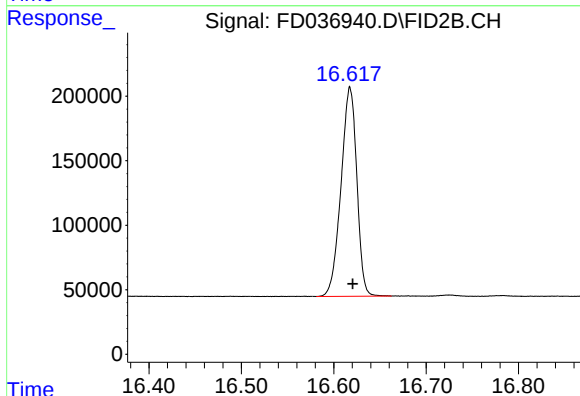
R.T.: 16.241 min
Delta R.T.: -0.003 min
Response: 2067773
Conc: 18.84 ug/ml



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

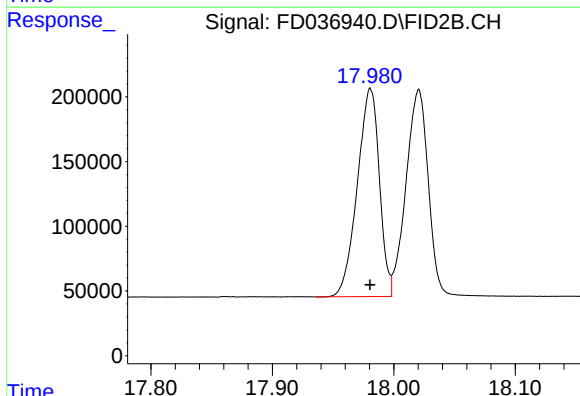
R.T.: 16.272 min
Delta R.T.: -0.004 min
Response: 2001865
Conc: 18.83 ug/ml

Instrument :
FID_D
ClientSampleId :



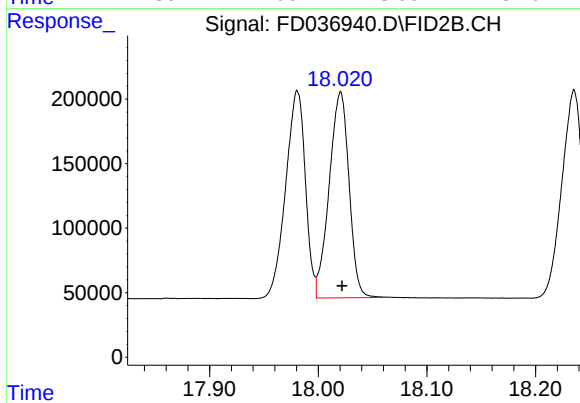
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 1924229
Conc: 19.31 ug/ml



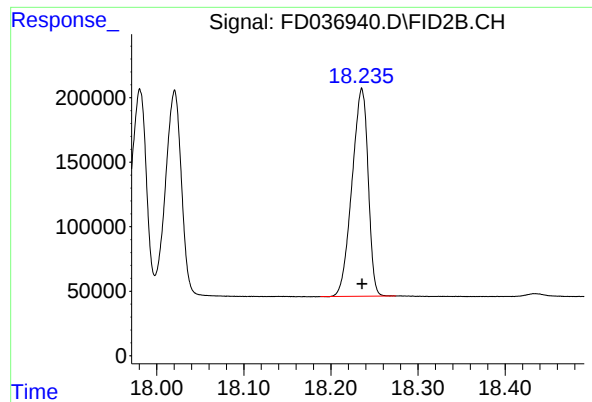
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 2026532
Conc: 20.16 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 2023884
Conc: 20.07 ug/ml



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

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2072552
Conc: 20.46 ug/ml

Instrument :
FID_D
ClientSampleId :