

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052421AR\
 Data File : FD037585.D
 Signal(s) : FID2B.CH
 Acq On : 24 May 2021 17:05
 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: May 25 01:58:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.556	2054638	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
6) S 2-Fluorobiphenyl (SURR)	8.416	1375186	20.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.456	2373089	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	2164046	20.709 ug/ml
2) T Naphthalene (C11.7)	5.894	2294639	20.562 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	2288267	20.382 ug/ml
5) T Acenaphthylene (C15.06)	8.219	2213049	20.181 ug/ml
7) T Acenaphthene (C15.5)	8.515	2311330	20.320 ug/ml
8) T Fluorene (C16.55)	9.295	2232032	20.140 ug/ml
9) T Phenanthrene (C19.36)	10.689	2252315	20.032 ug/ml
10) T Anthracene (C19.43)	10.764	2021602	18.382 ug/ml
12) T Fluoranthene (C21.85)	12.500	2275356	19.606 ug/ml
13) T Pyrene (C20.8)	12.796	2253767	19.508 ug/ml
14) T Benzo[a]anthracene (C...	14.667	2108909	19.141 ug/ml
15) T Chrysene (C27.41)	14.709	2204322	19.134 ug/ml
16) T benzo[b]fluoranthene ...	16.217	2198312	19.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.249	2143382	19.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.594	2005515	19.147 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	2081027	19.155 ug/ml
20) T Dibenz[a,h]anthracene...	17.998	2136572	19.517 ug/ml
21) T Benzo[g,h,i]perylene ...	18.214	2140941	19.590 ug/ml

(f)=RT Delta > 1/2 Window

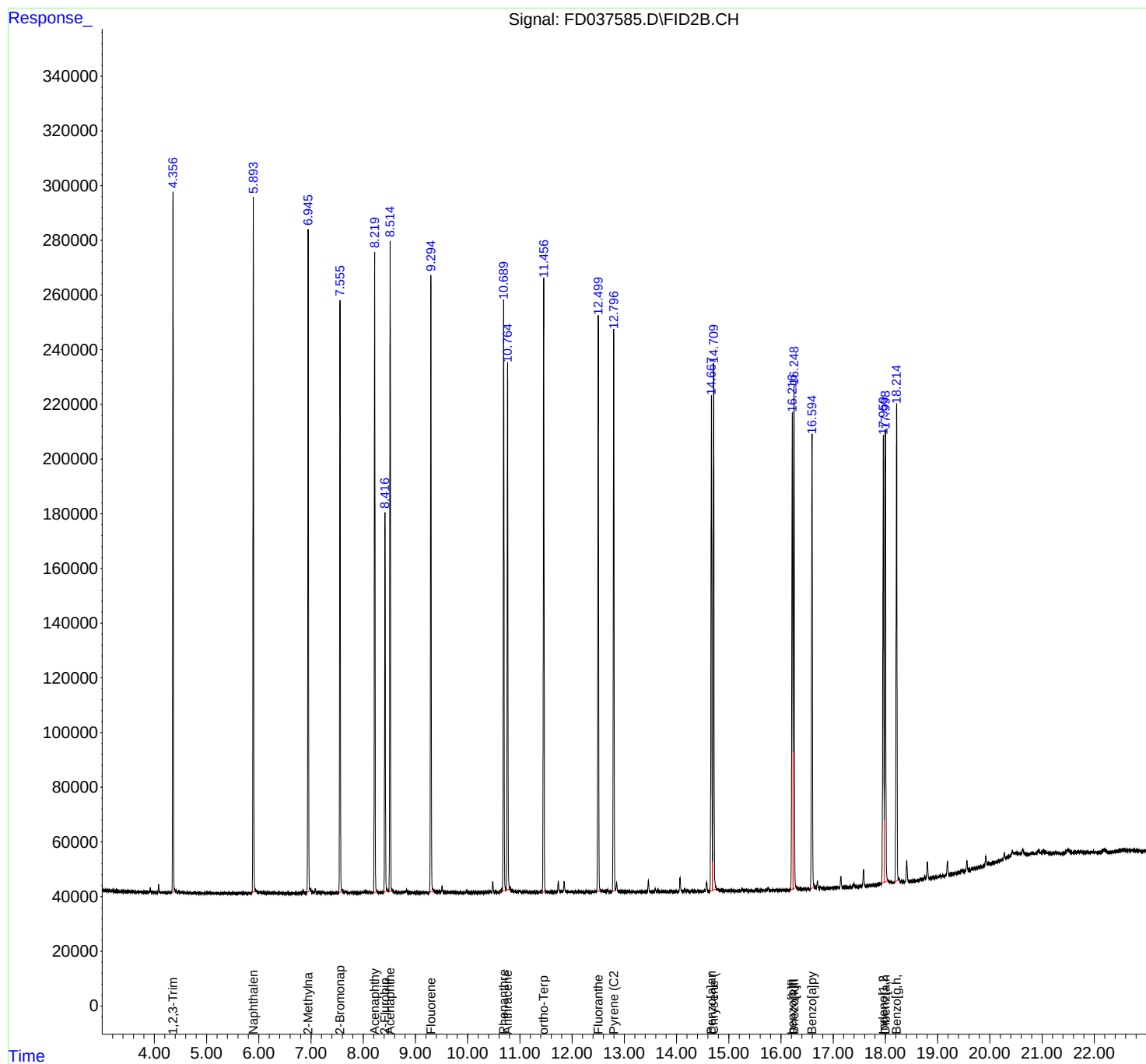
(m)=manual int.

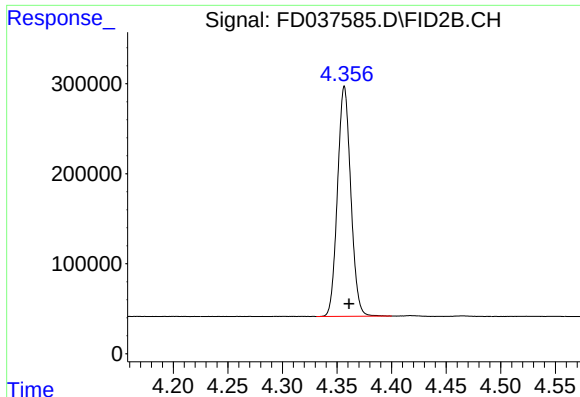
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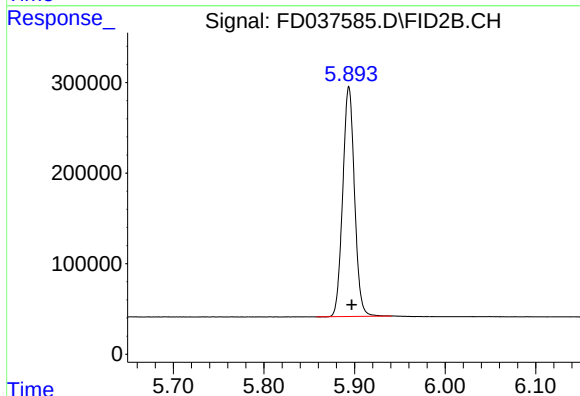




#1 1,2,3-Trimethylbenzene (C10.1)

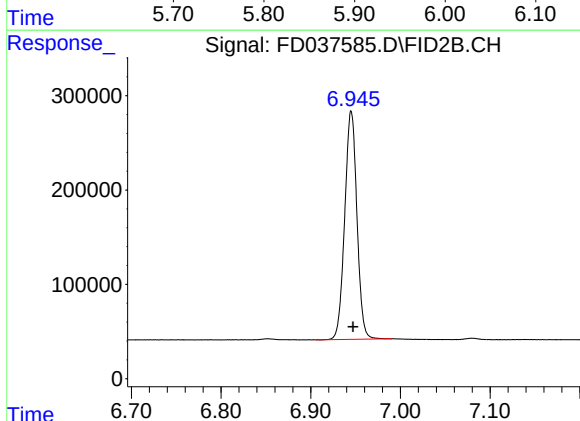
R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 2164046
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



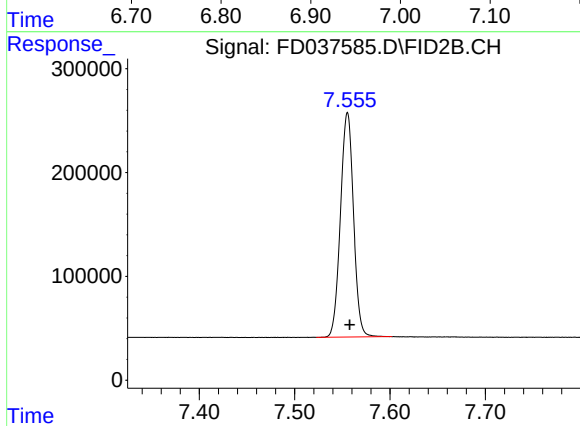
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 2294639
Conc: 20.56 ug/ml



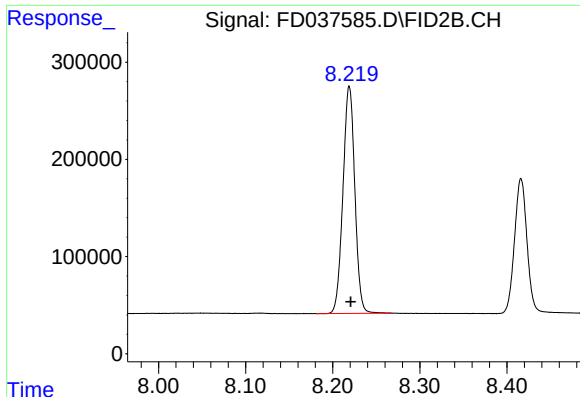
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 2288267
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

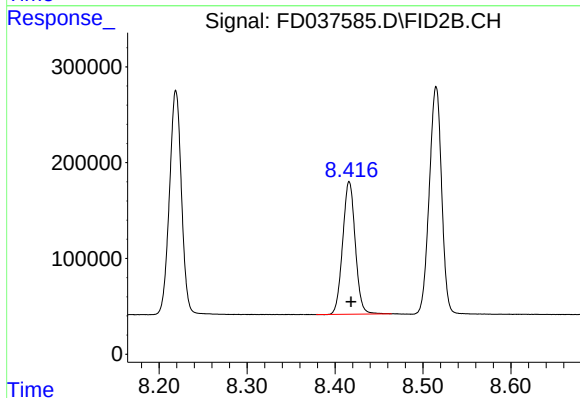
R.T.: 7.556 min
Delta R.T.: -0.002 min
Response: 2054638
Conc: 20.43 ug/ml



#5 Acenaphthylene (C15.06)

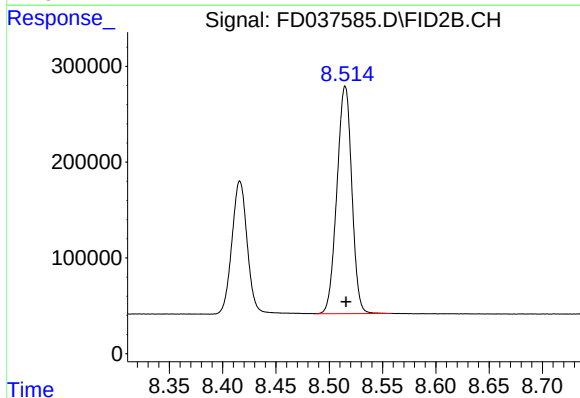
R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 2213049
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :



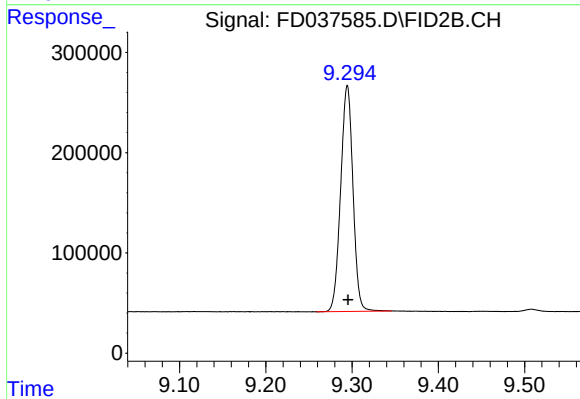
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 1375186
Conc: 20.35 ug/ml



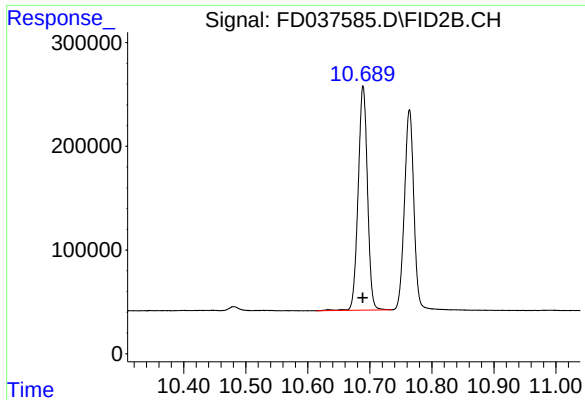
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 2311330
Conc: 20.32 ug/ml



#8 Flouorene (C16.55)

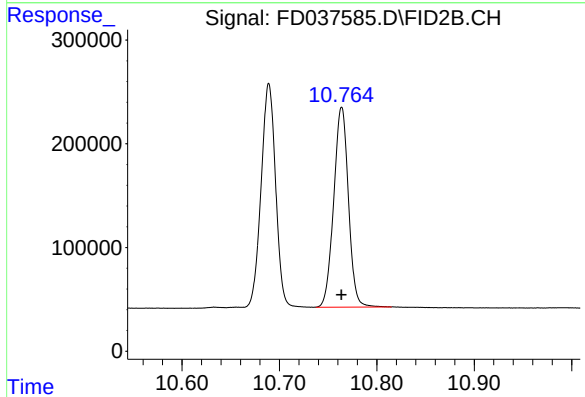
R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 2232032
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

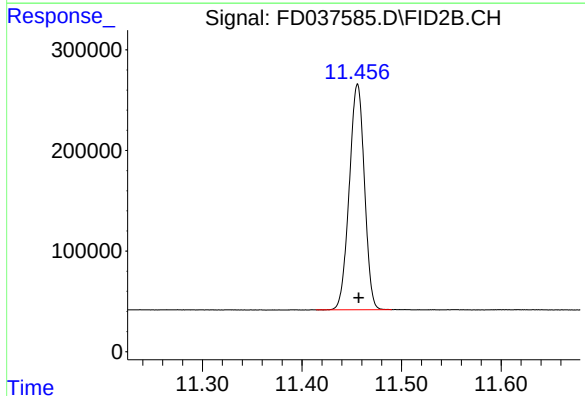
R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 2252315
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :



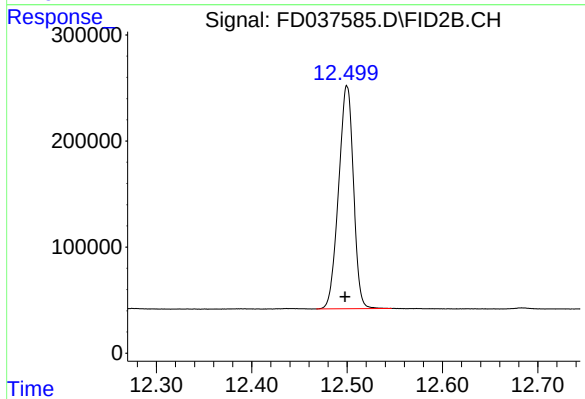
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 2021602
Conc: 18.38 ug/ml



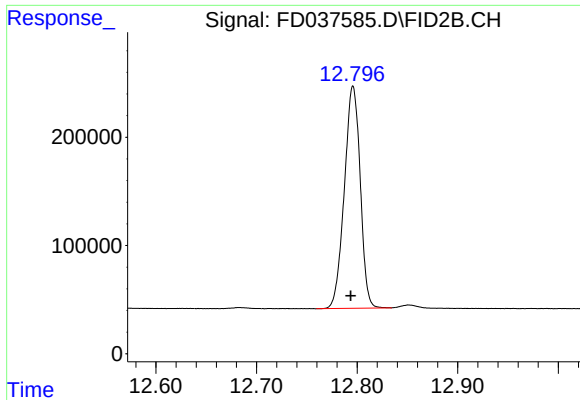
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2373089
Conc: 19.92 ug/ml



#12 Fluoranthene (C21.85)

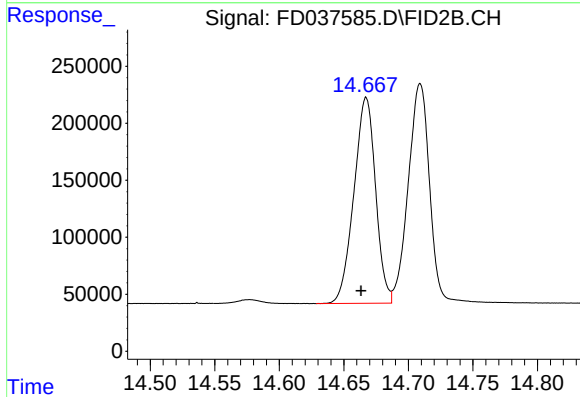
R.T.: 12.500 min
Delta R.T.: 0.002 min
Response: 2275356
Conc: 19.61 ug/ml



#13 Pyrene (C20.8)

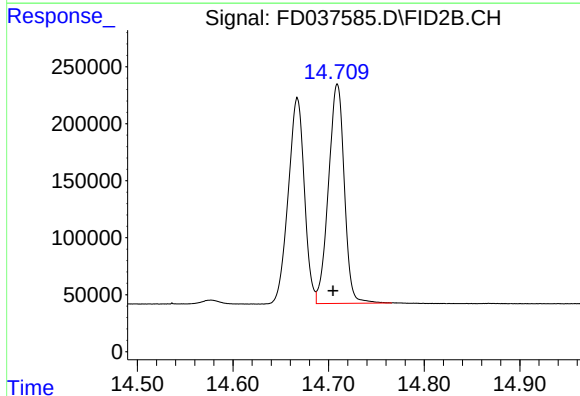
R.T.: 12.796 min
Delta R.T.: 0.002 min
Response: 2253767
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



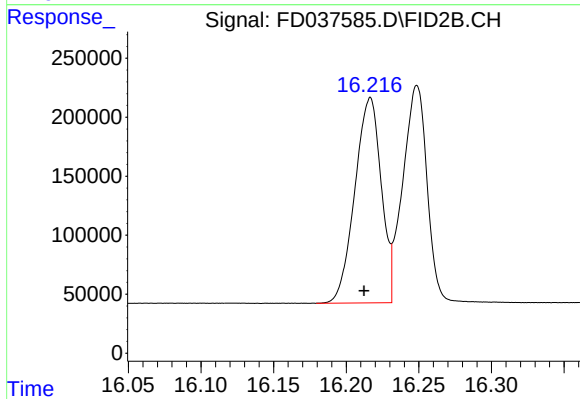
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.667 min
Delta R.T.: 0.004 min
Response: 2108909
Conc: 19.14 ug/ml



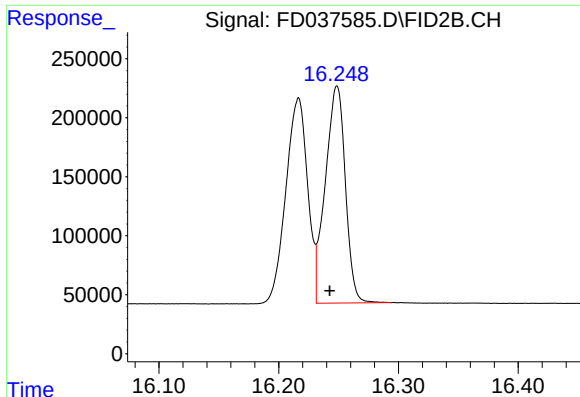
#15 Chrysene (C27.41)

R.T.: 14.709 min
Delta R.T.: 0.004 min
Response: 2204322
Conc: 19.13 ug/ml



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

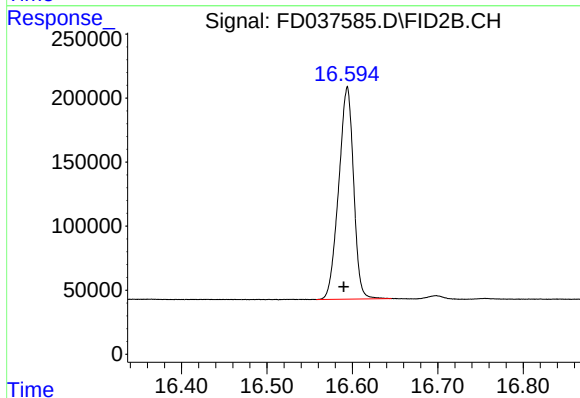
R.T.: 16.217 min
Delta R.T.: 0.004 min
Response: 2198312
Conc: 19.44 ug/ml



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

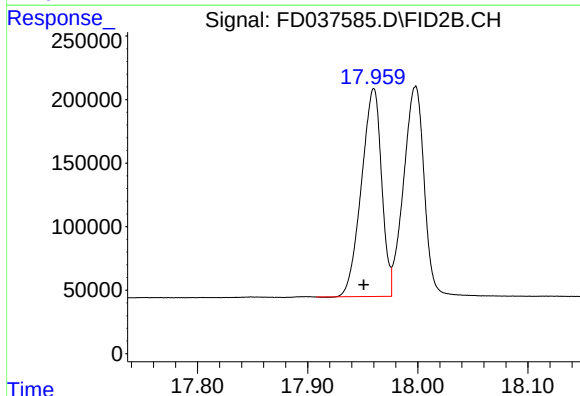
R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 2143382
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :



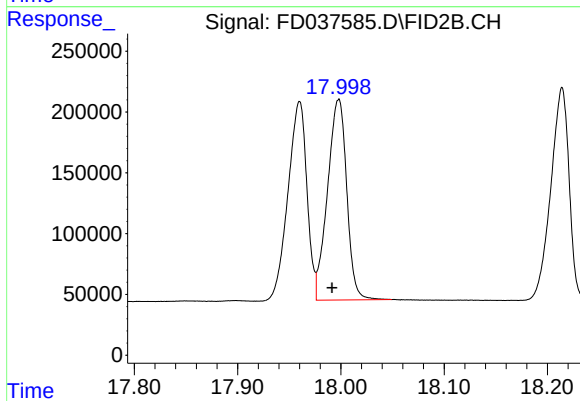
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.594 min
Delta R.T.: 0.004 min
Response: 2005515
Conc: 19.15 ug/ml



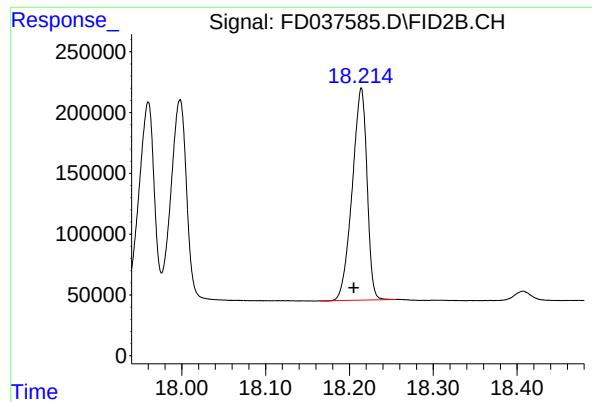
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.009 min
Response: 2081027
Conc: 19.16 ug/ml



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

R.T.: 17.998 min
Delta R.T.: 0.006 min
Response: 2136572
Conc: 19.52 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.009 min
Response: 2140941
Conc: 19.59 ug/ml

Instrument :
FID_D
ClientSampleId :