

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082820AR\
 Data File : FD034565.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2020 21:06
 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: Aug 31 01:46:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.690	2275584	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
6) S 2-Fluorobiphenyl (SURR)	8.556	1584886	19.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.23%
11) S ortho-Terphenyl (SURR)	11.598	2591369	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	2528690	19.839 ug/ml
2) T Naphthalene (C11.7)	6.028	2619215	19.578 ug/ml
3) T 2-Methylnaphthalene (...)	7.081	2627431	19.465 ug/ml
5) T Acenaphthylene (C15.06)	8.359	2515231	19.005 ug/ml
7) T Acenaphthene (C15.5)	8.654	2587668	19.241 ug/ml
8) T Flouorene (C16.55)	9.436	2522344	18.977 ug/ml
9) T Phenanthrene (C19.36)	10.835	2514926	18.762 ug/ml
10) T Anthracene (C19.43)	10.908	2036385	15.343 ug/ml
12) T Fluoranthene (C21.85)	12.647	2530612	18.619 ug/ml
13) T Pyrene (C20.8)	12.945	2456733	18.450 ug/ml
14) T Benzo[a]anthracene (C...	14.816	2408018	18.347 ug/ml
15) T Chrysene (C27.41)	14.859	2461140	18.772 ug/ml
16) T benzo[b]fluoranthene ...	16.368	2467500	19.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	2408340	19.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.746	2420368	19.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2409048	20.021 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	2457286	20.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	2430441	20.512 ug/ml

(f)=RT Delta > 1/2 Window

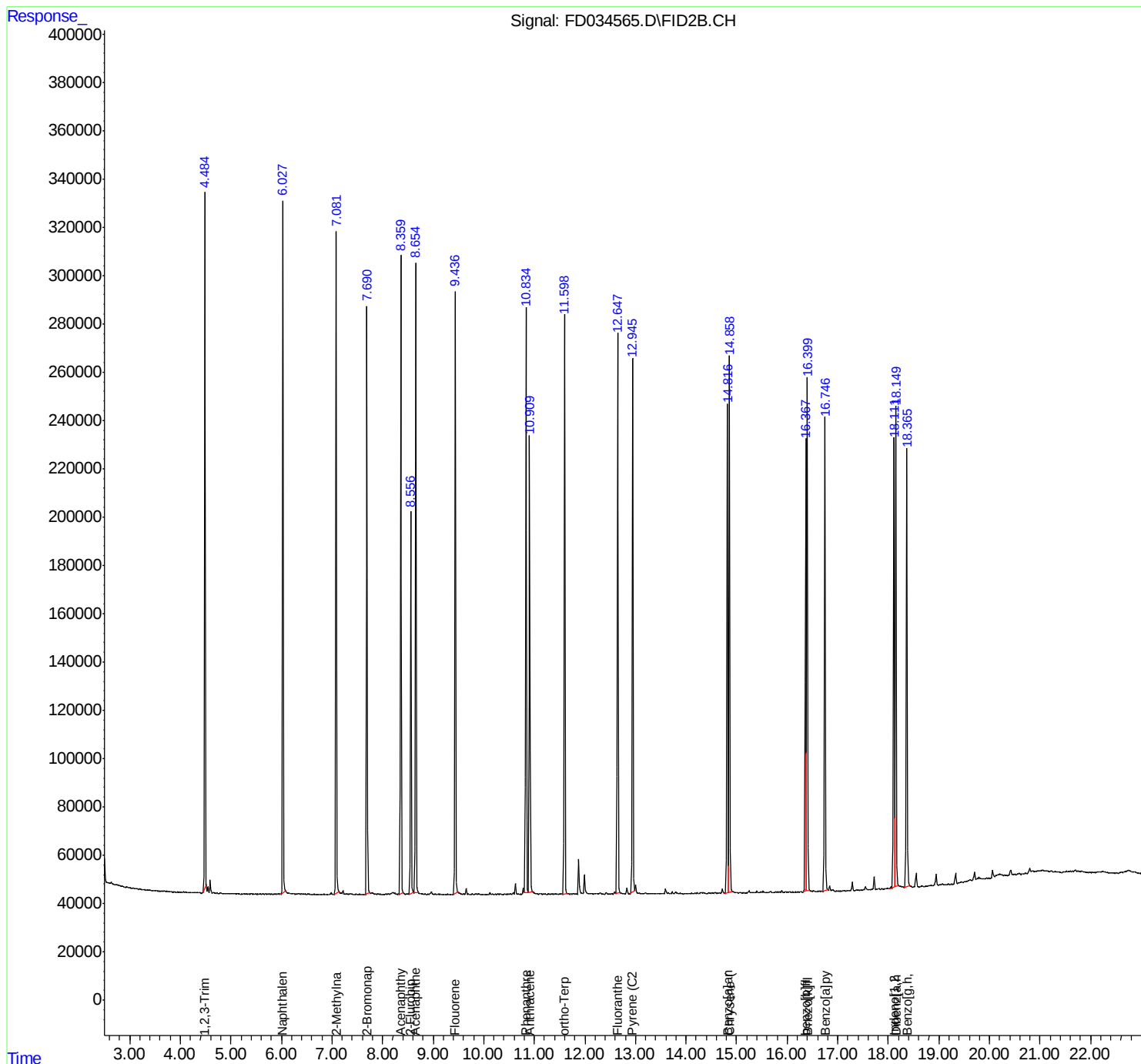
(m)=manual int.

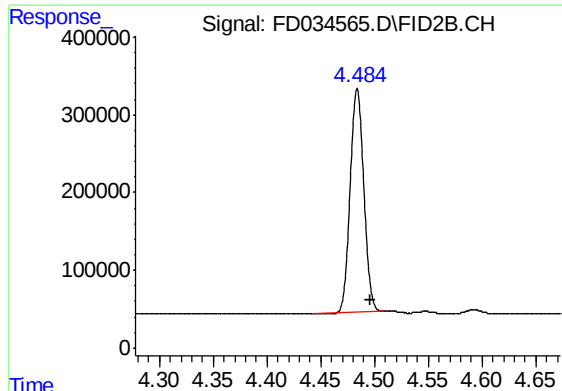
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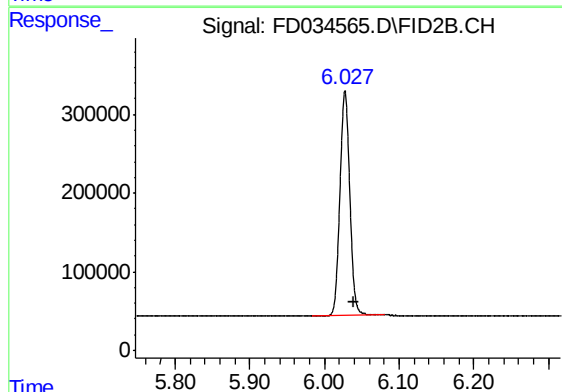




#1 1,2,3-Trimethylbenzene (C10.1)

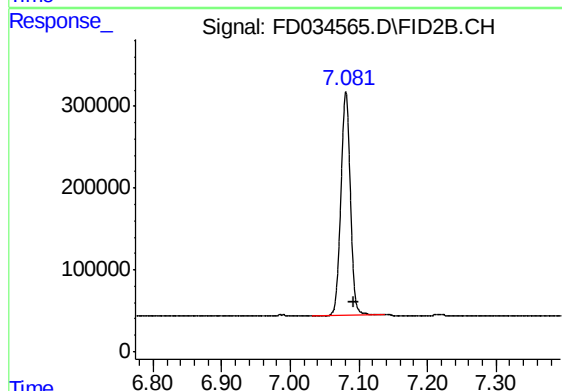
R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 2528690
Conc: 19.84 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



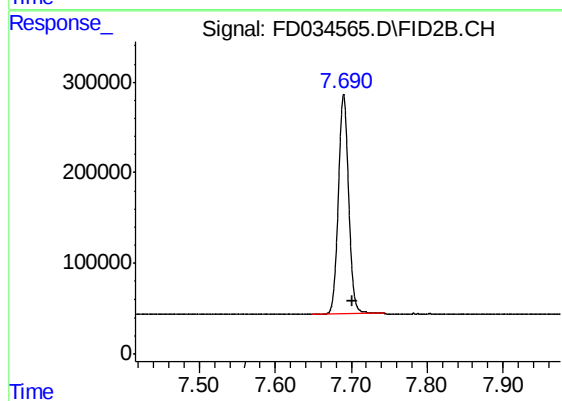
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.011 min
Response: 2619215
Conc: 19.58 ug/ml



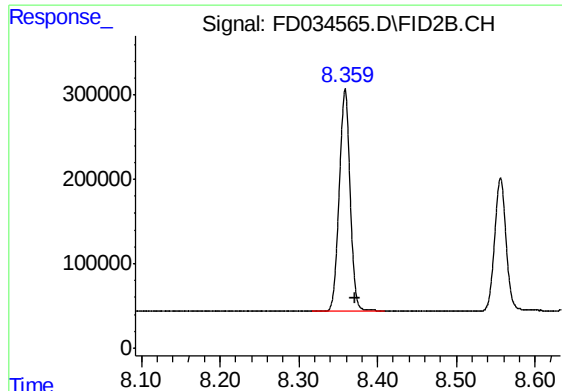
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.081 min
Delta R.T.: -0.011 min
Response: 2627431
Conc: 19.47 ug/ml



#4 2-Bromonaphthalene (SURR)

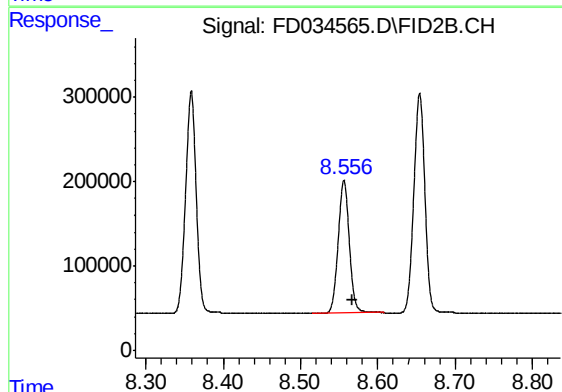
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 2275584
Conc: 19.46 ug/ml



#5 Acenaphthylene (C15.06)

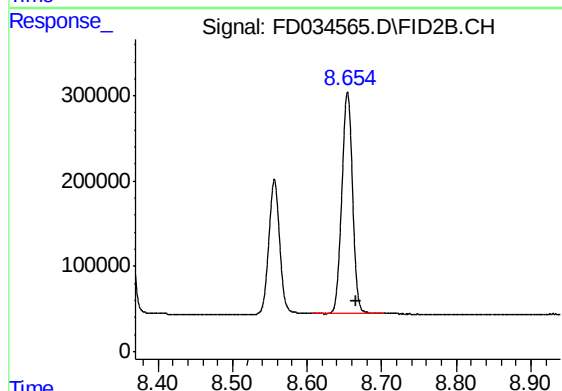
R.T.: 8.359 min
Delta R.T.: -0.012 min
Response: 2515231
Conc: 19.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



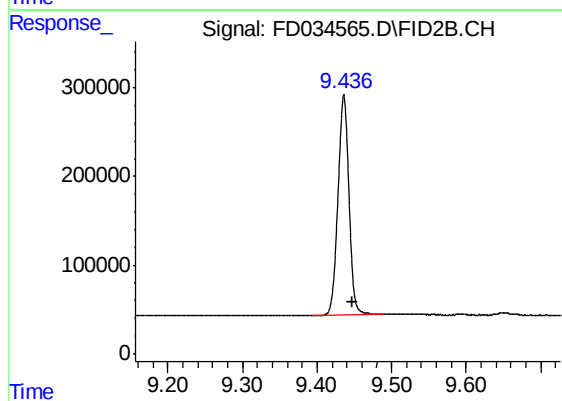
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.556 min
Delta R.T.: -0.012 min
Response: 1584886
Conc: 19.12 ug/ml



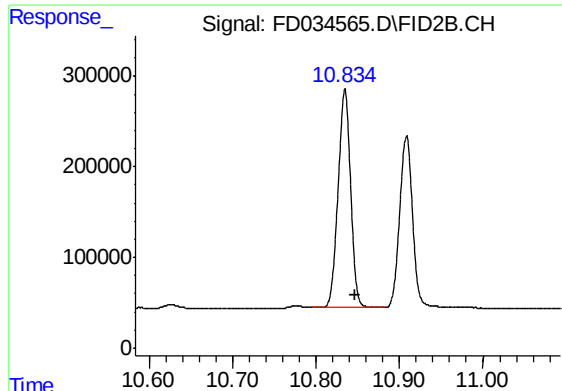
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.012 min
Response: 2587668
Conc: 19.24 ug/ml



#8 Flouorene (C16.55)

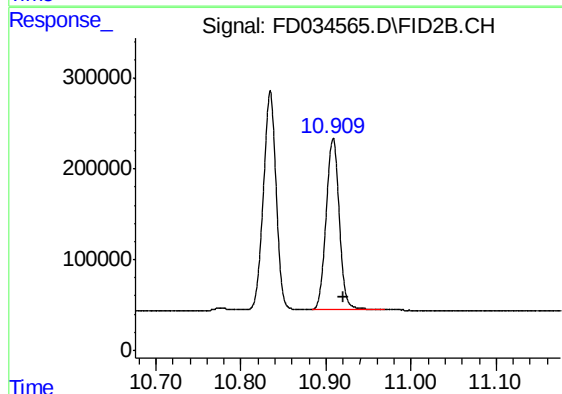
R.T.: 9.436 min
Delta R.T.: -0.012 min
Response: 2522344
Conc: 18.98 ug/ml



#9 Phenanthrene (C19.36)

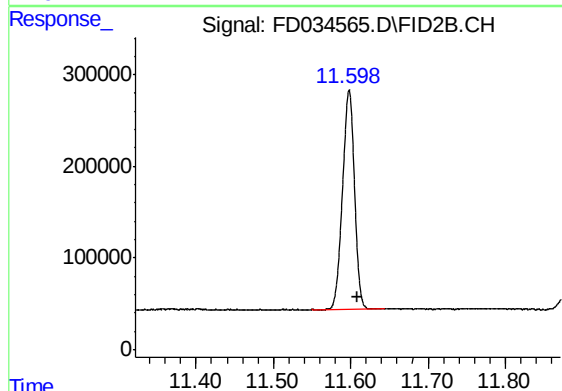
R.T.: 10.835 min
Delta R.T.: -0.011 min
Response: 2514926
Conc: 18.76 ug/ml

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20 PPM AROMATIC HC STD



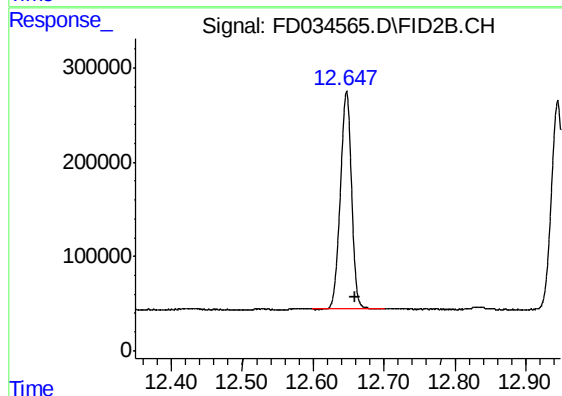
#10 Anthracene (C19.43)

R.T.: 10.908 min
Delta R.T.: -0.012 min
Response: 2036385
Conc: 15.34 ug/ml



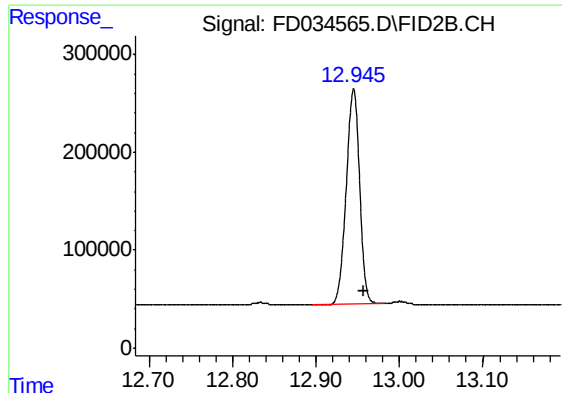
#11 ortho-Terphenyl (SURRE)

R.T.: 11.598 min
Delta R.T.: -0.012 min
Response: 2591369
Conc: 19.07 ug/ml



#12 Fluoranthene (C21.85)

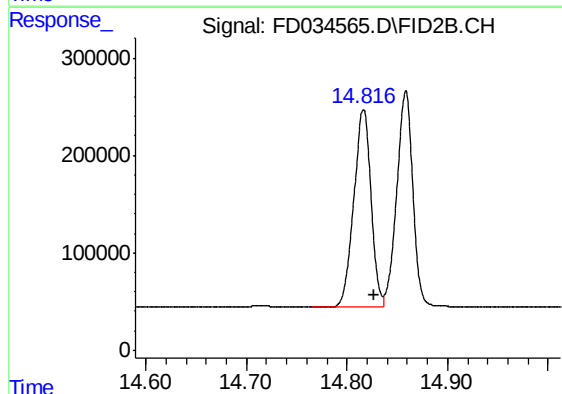
R.T.: 12.647 min
Delta R.T.: -0.011 min
Response: 2530612
Conc: 18.62 ug/ml



#13 Pyrene (C20.8)

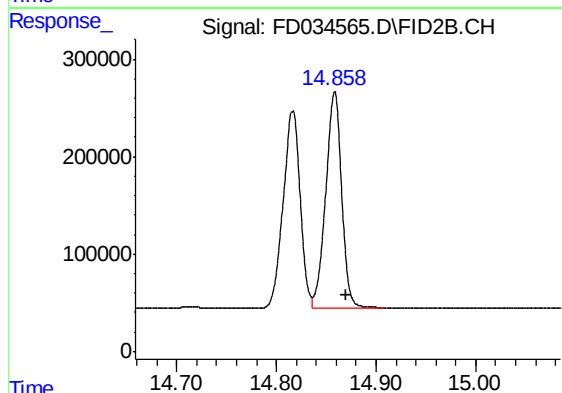
R.T.: 12.945 min
Delta R.T.: -0.012 min
Response: 2456733
Conc: 18.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



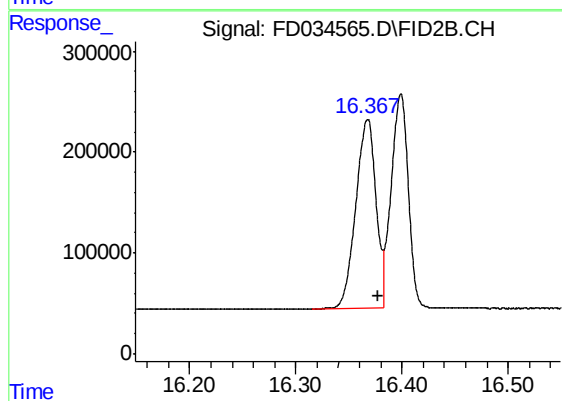
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.816 min
Delta R.T.: -0.011 min
Response: 2408018
Conc: 18.35 ug/ml



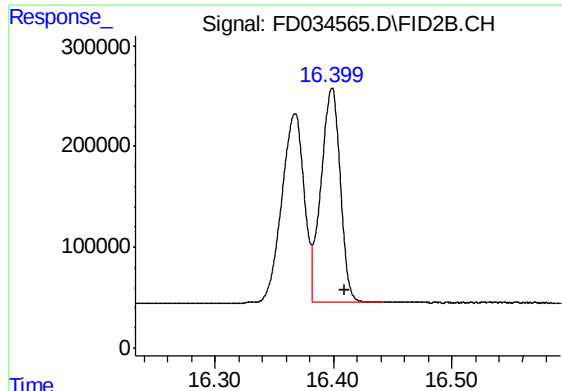
#15 Chrysene (C27.41)

R.T.: 14.859 min
Delta R.T.: -0.011 min
Response: 2461140
Conc: 18.77 ug/ml



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

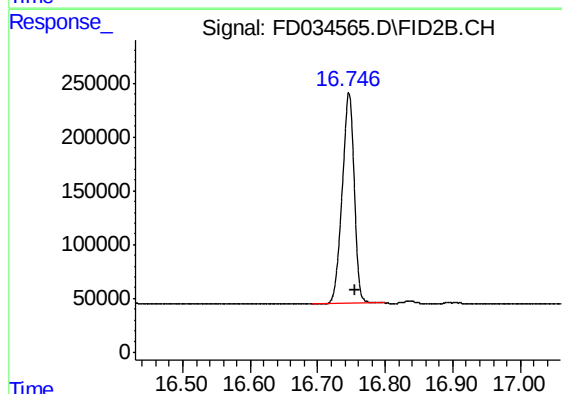
R.T.: 16.368 min
Delta R.T.: -0.010 min
Response: 2467500
Conc: 19.29 ug/ml



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

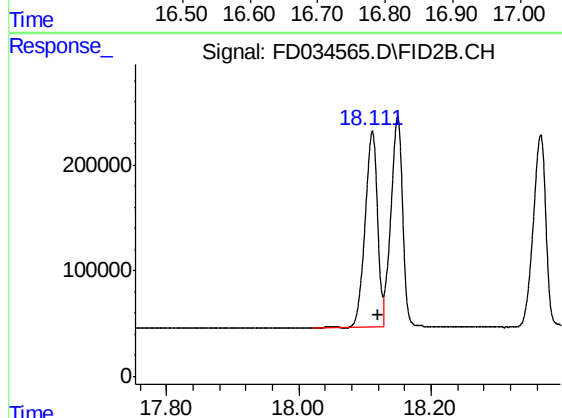
R.T.: 16.399 min
Delta R.T.: -0.011 min
Response: 2408340
Conc: 19.44 ug/ml

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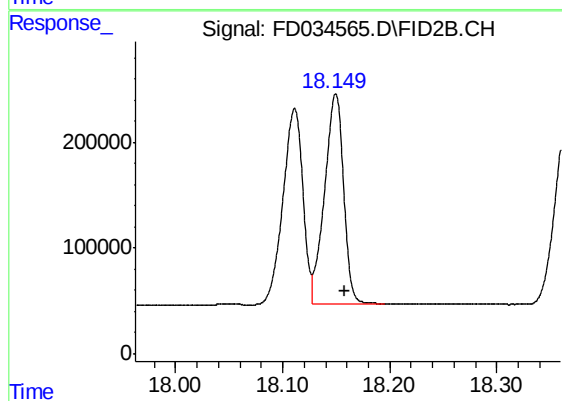
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.746 min
Delta R.T.: -0.009 min
Response: 2420368
Conc: 19.33 ug/ml



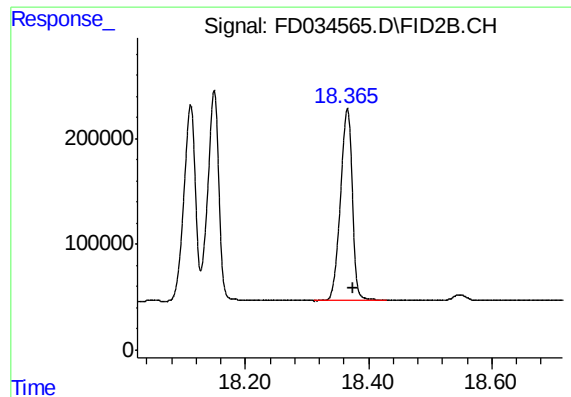
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.008 min
Response: 2409048
Conc: 20.02 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.008 min
Response: 2457286
Conc: 20.82 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.009 min
Response: 2430441
Conc: 20.51 ug/ml

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