

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052020AR\
 Data File : FD033555.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 12:29
 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: May 21 05:57:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.579	2109807	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
6) S 2-Fluorobiphenyl (SURR)	8.441	1451409	20.999 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.00%
11) S ortho-Terphenyl (SURR)	11.470	2509609	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2394617	21.004 ug/ml
2) T Naphthalene (C11.7)	5.922	2427586	21.056 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	2455375	20.676 ug/ml
5) T Acenaphthylene (C15.06)	8.242	2434588	19.872 ug/ml
7) T Acenaphthene (C15.5)	8.536	2519741	19.509 ug/ml
8) T Flouorene (C16.55)	9.316	2382057	20.055 ug/ml
9) T Phenanthrene (C19.36)	10.709	2406902	19.622 ug/ml
10) T Anthracene (C19.43)	10.785	2372682	19.492 ug/ml
12) T Fluoranthene (C21.85)	12.519	2416871	19.171 ug/ml
13) T Pyrene (C20.8)	12.815	2347523	19.260 ug/ml
14) T Benzo[a]anthracene (C...	14.686	2253164	20.000 ug/ml
15) T Chrysene (C27.41)	14.727	2368354	18.220 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2236276	19.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2264669	18.197 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2230957	19.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	2114572	20.714 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2280511	18.896 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2212386	19.857 ug/ml

(f)=RT Delta > 1/2 Window

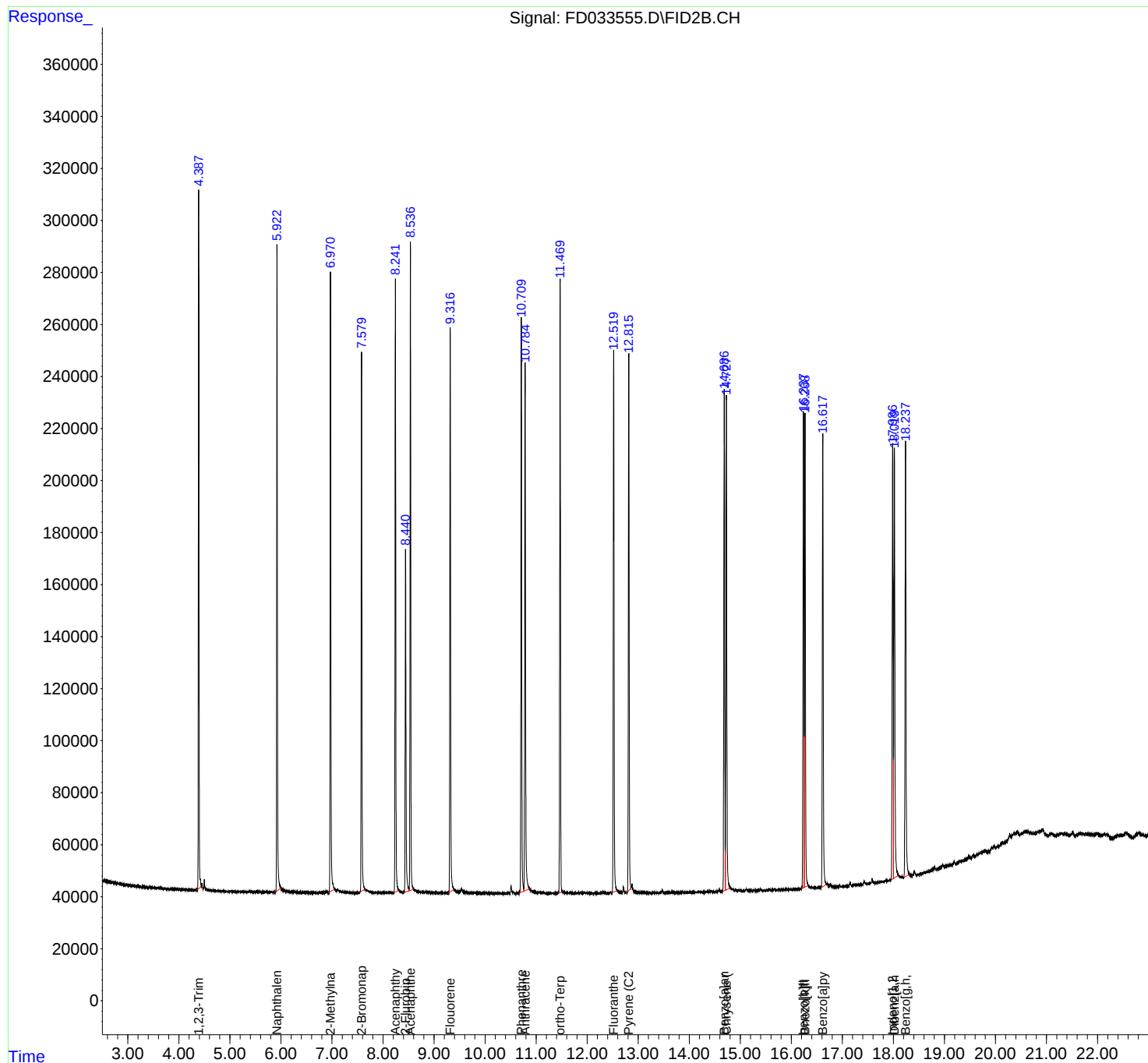
(m)=manual int.

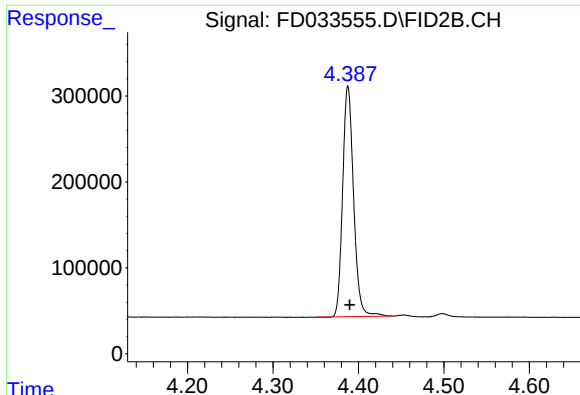
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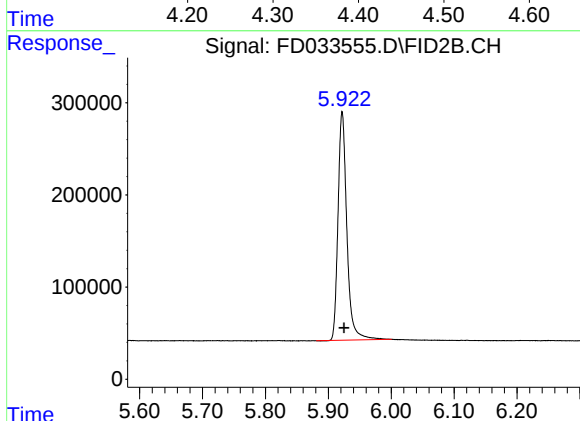




#1 1,2,3-Trimethylbenzene (C10.1)

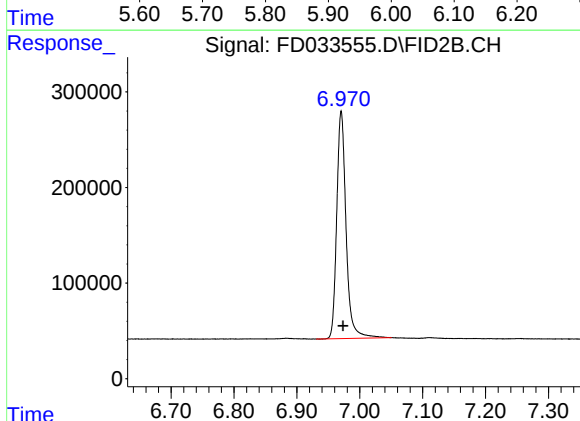
R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 2394617
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



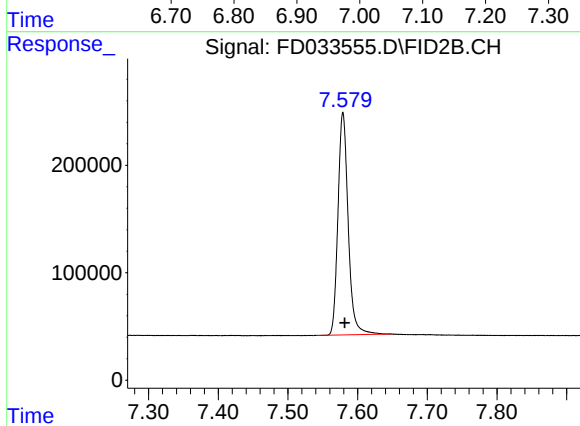
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 2427586
Conc: 21.06 ug/ml



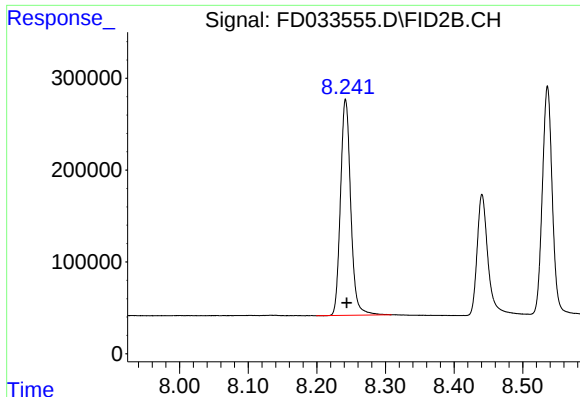
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 2455375
Conc: 20.68 ug/ml



#4 2-Bromonaphthalene (SURR)

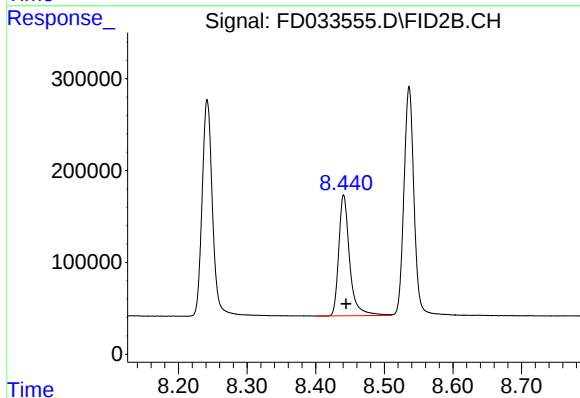
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 2109807
Conc: 20.29 ug/ml



#5 Acenaphthylene (C15.06)

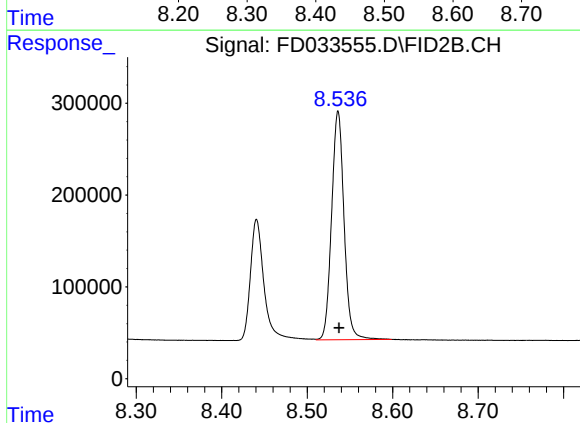
R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2434588
Conc: 19.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



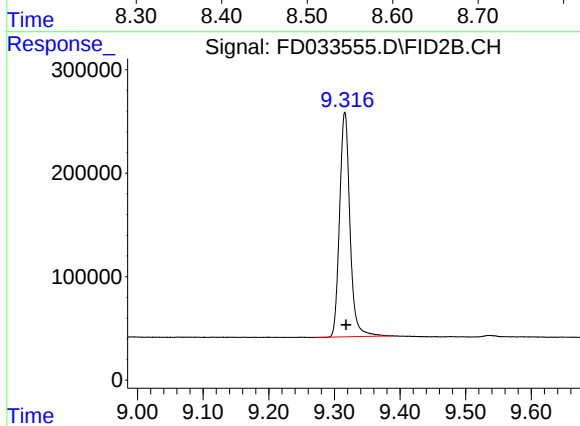
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 1451409
Conc: 21.00 ug/ml



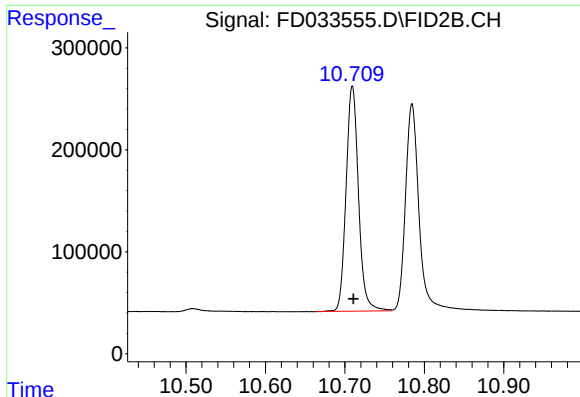
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 2519741
Conc: 19.51 ug/ml



#8 Flouorene (C16.55)

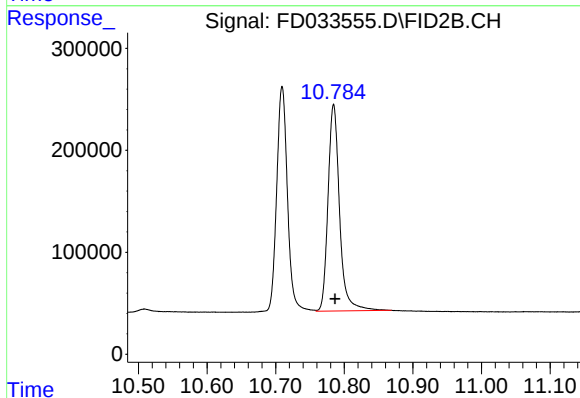
R.T.: 9.316 min
Delta R.T.: -0.002 min
Response: 2382057
Conc: 20.05 ug/ml



#9 Phenanthrene (C19.36)

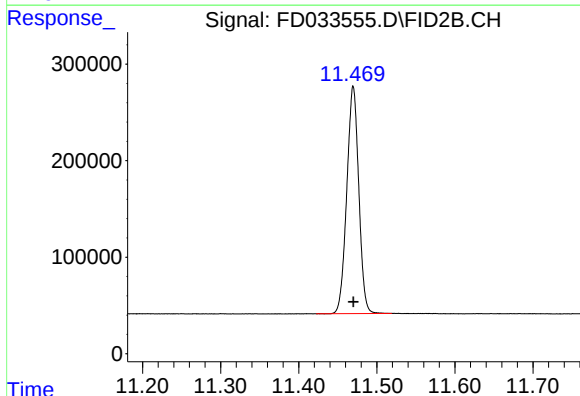
R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 2406902
Conc: 19.62 ug/ml

Instrument :
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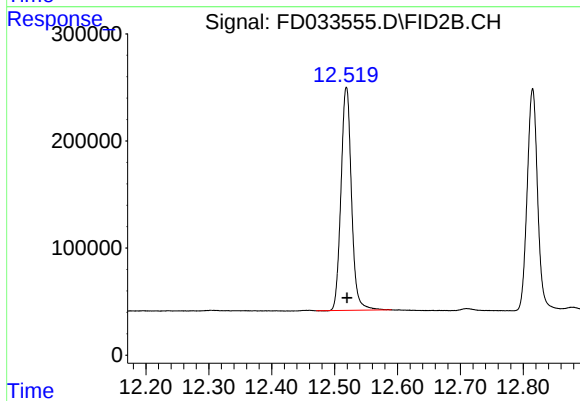
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: -0.002 min
Response: 2372682
Conc: 19.49 ug/ml



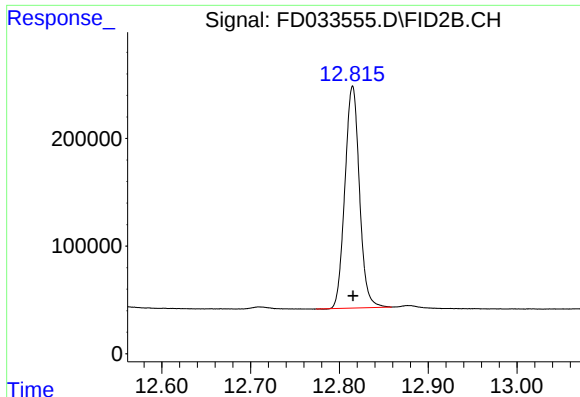
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2509609
Conc: 19.14 ug/ml



#12 Fluoranthene (C21.85)

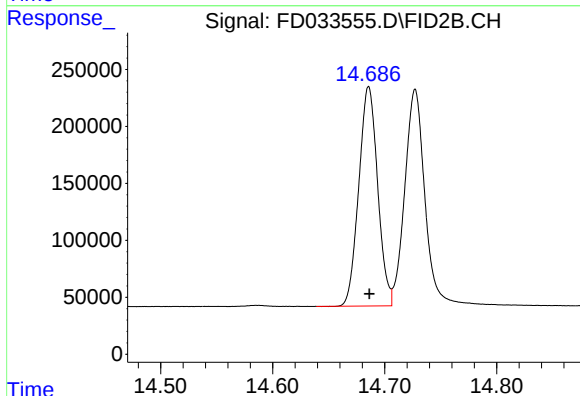
R.T.: 12.519 min
Delta R.T.: -0.001 min
Response: 2416871
Conc: 19.17 ug/ml



#13 Pyrene (C20.8)

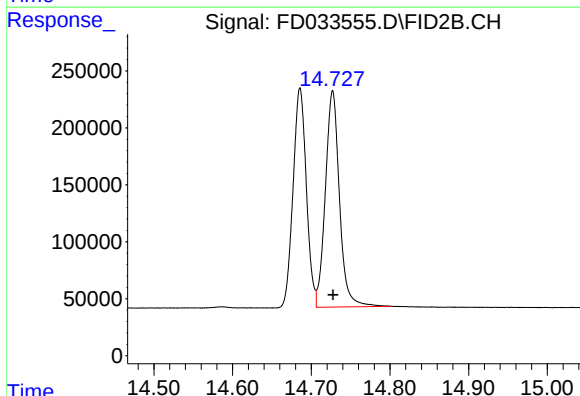
R.T.: 12.815 min
Delta R.T.: 0.000 min
Response: 2347523
Conc: 19.26 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



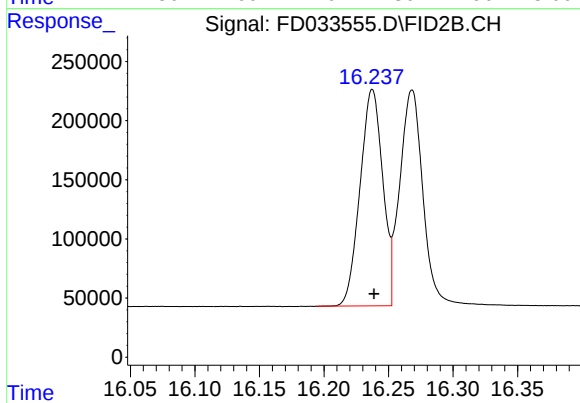
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.000 min
Response: 2253164
Conc: 20.00 ug/ml



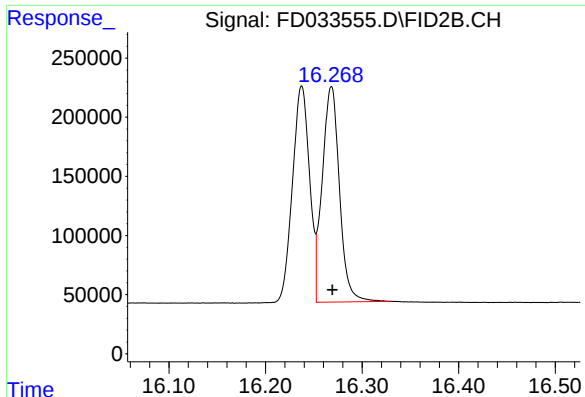
#15 Chrysene (C27.41)

R.T.: 14.727 min
Delta R.T.: 0.000 min
Response: 2368354
Conc: 18.22 ug/ml



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

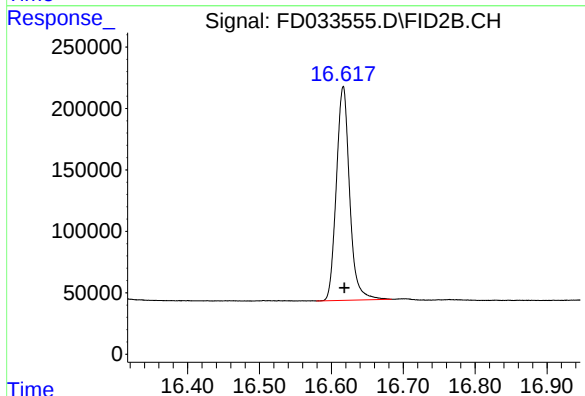
R.T.: 16.237 min
Delta R.T.: -0.001 min
Response: 2236276
Conc: 19.59 ug/ml



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

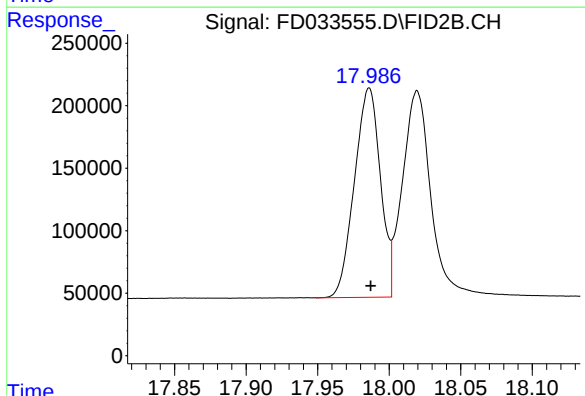
R.T.: 16.268 min
Delta R.T.: -0.001 min
Response: 2264669
Conc: 18.20 ug/ml

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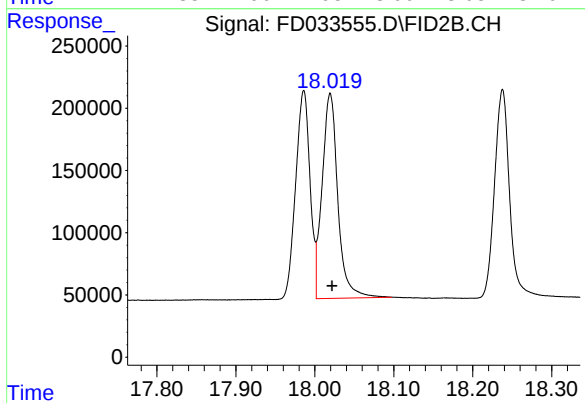
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 2230957
Conc: 19.03 ug/ml



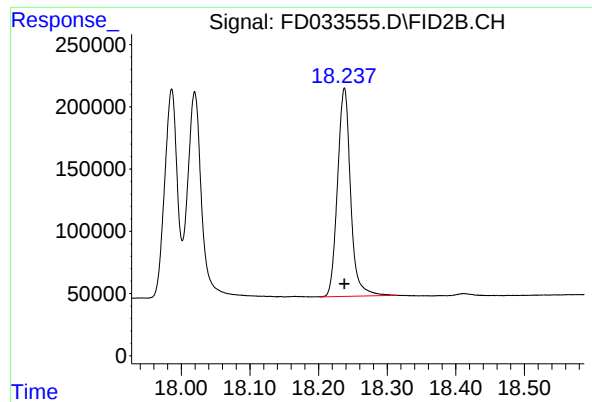
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: -0.001 min
Response: 2114572
Conc: 20.71 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2280511
Conc: 18.90 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.000 min
Response: 2212386
Conc: 19.86 ug/ml

Instrument :
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ClientSampleId :
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