

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036689.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2021 23:02
 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: Apr 02 03:30:27 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...	7.589	2578459	18.333 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
6) S 2-Fluorobiphenyl (SURR)	8.449	1683288	17.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.86%
11) S ortho-Terphenyl (SURR)	11.490	2667776	17.467 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	2769684	18.895 ug/ml
2) T Naphthalene (C11.7)	5.927	2924123	18.606 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2890749	18.393 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2716225	18.127 ug/ml
7) T Acenaphthene (C15.5)	8.549	2810555	18.105 ug/ml
8) T Fluorene (C16.55)	9.328	2670110	17.735 ug/ml
9) T Phenanthrene (C19.36)	10.722	2537441	17.312 ug/ml
10) T Anthracene (C19.43)	10.797	2476193	17.105 ug/ml
12) T Fluoranthene (C21.85)	12.531	2356522	16.785 ug/ml
13) T Pyrene (C20.8)	12.827	2292088	16.706 ug/ml
14) T Benzo[a]anthracene (C...	14.695	1969635	16.585 ug/ml
15) T Chrysene (C27.41)	14.737	2020450	16.707 ug/ml
16) T benzo[b]fluoranthene ...	16.243	1924105	17.535 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	1877559	17.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	1788035	17.941 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	1895042	18.853 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	1911852	18.961 ug/ml
21) T Benzo[g,h,i]perylene ...	18.235	1934255	19.090 ug/ml

(f)=RT Delta > 1/2 Window

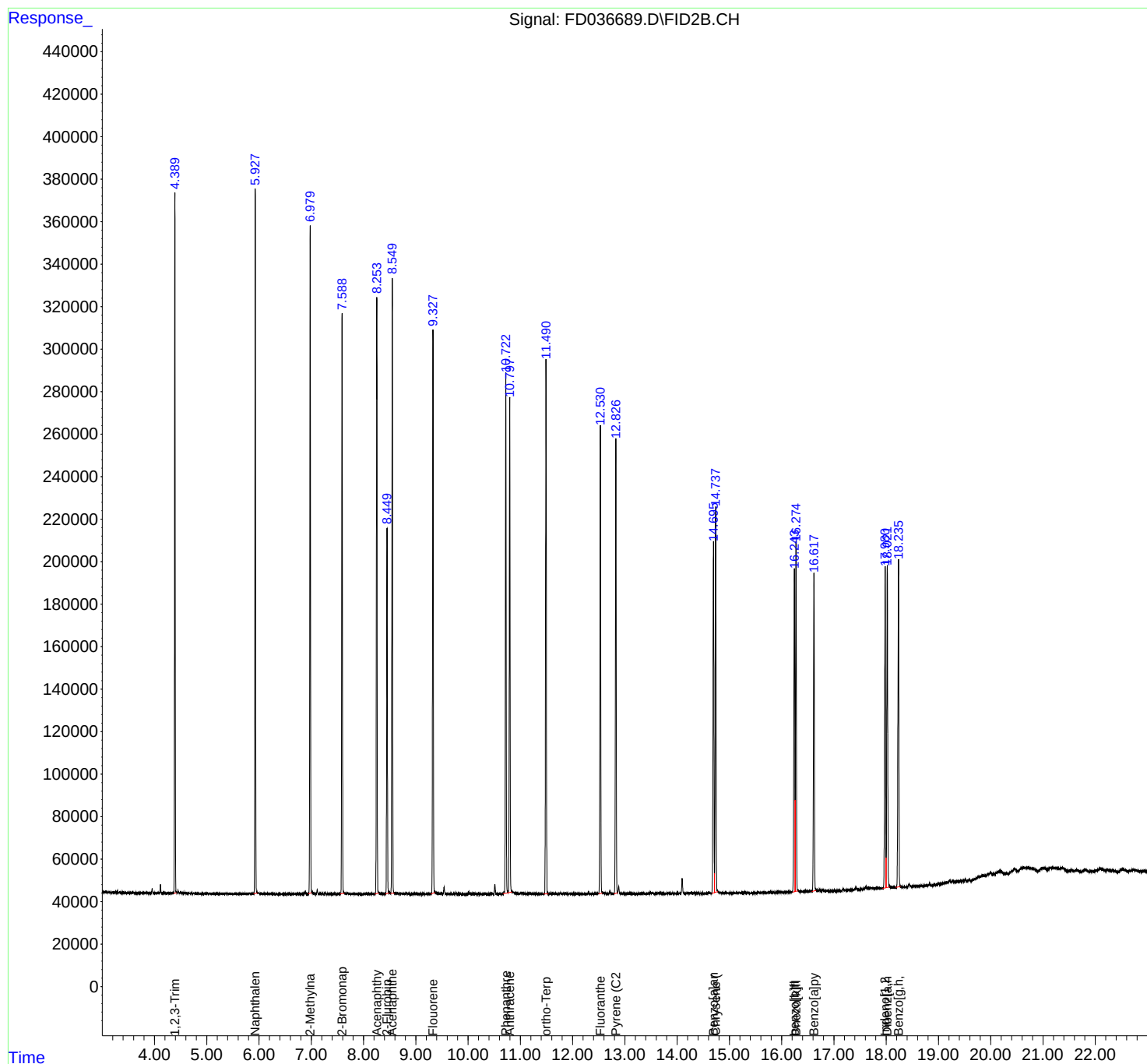
(m)=manual int.

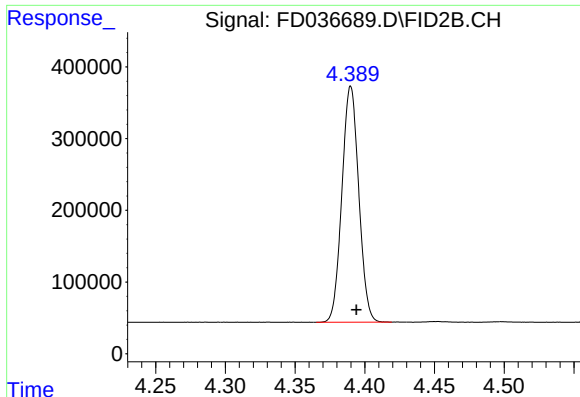
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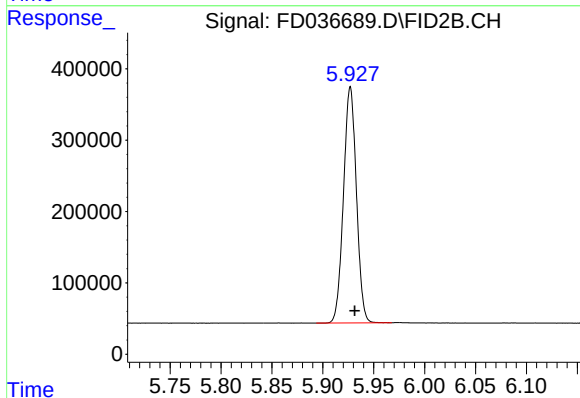




#1 1,2,3-Trimethylbenzene (C10.1)

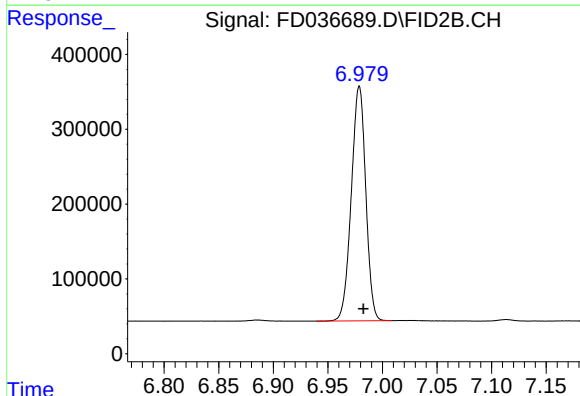
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 2769684
Conc: 18.90 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



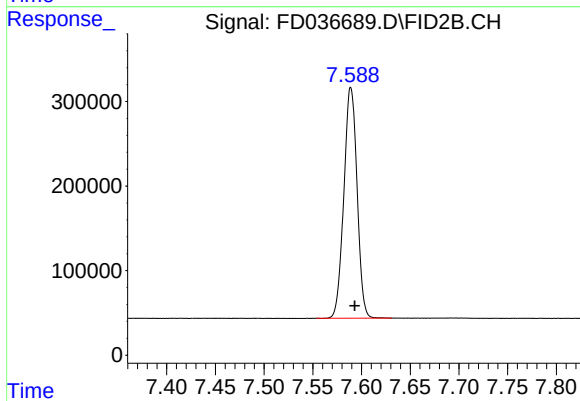
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 2924123
Conc: 18.61 ug/ml



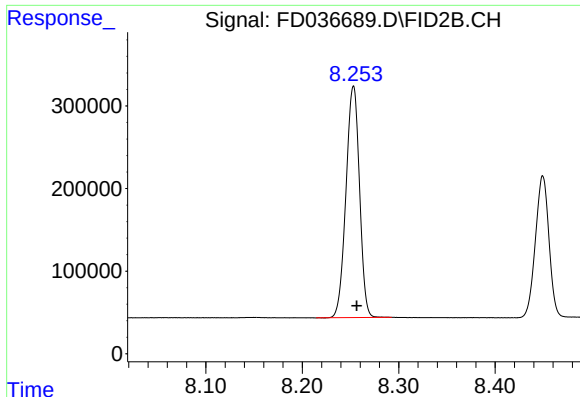
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2890749
Conc: 18.39 ug/ml



#4 2-Bromonaphthalene (SURR)

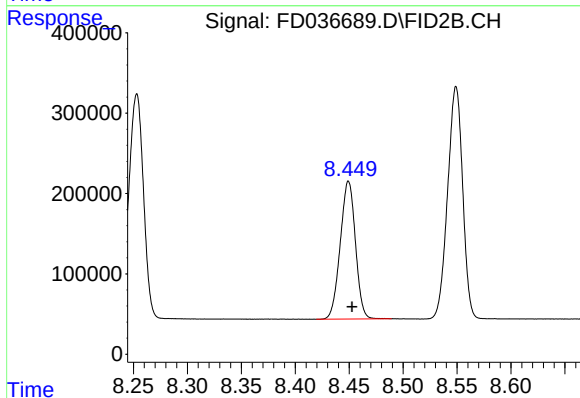
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 2578459
Conc: 18.33 ug/ml



#5 Acenaphthylene (C15.06)

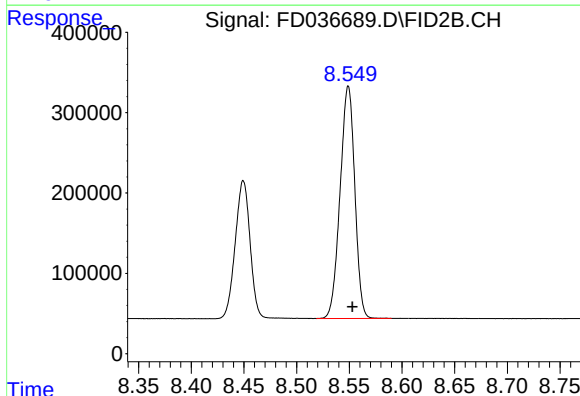
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 2716225
Conc: 18.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



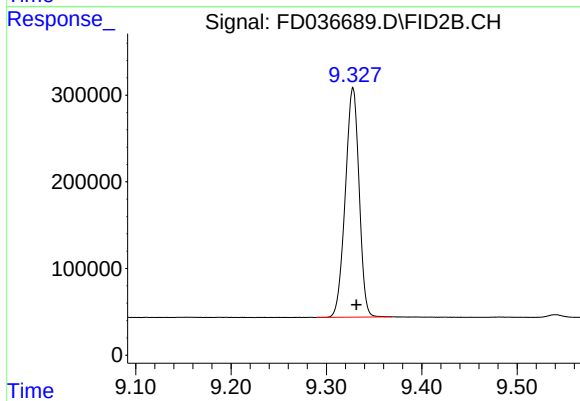
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 1683288
Conc: 17.93 ug/ml



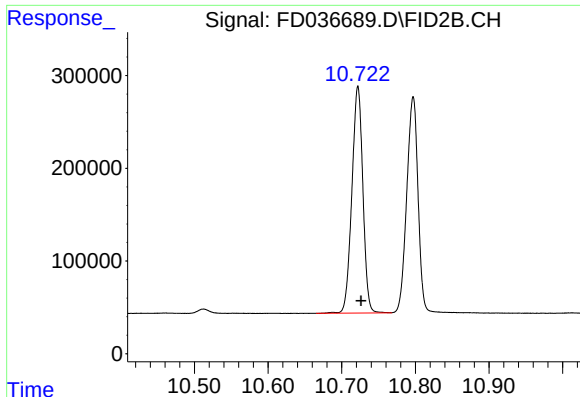
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 2810555
Conc: 18.11 ug/ml



#8 Flouorene (C16.55)

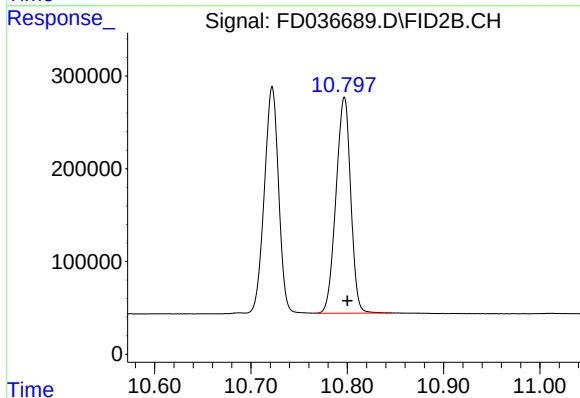
R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 2670110
Conc: 17.73 ug/ml



#9 Phenanthrene (C19.36)

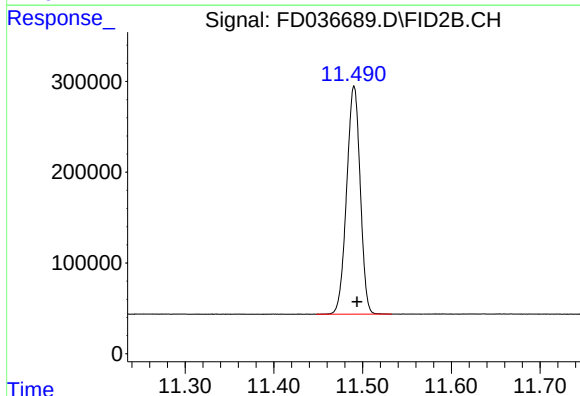
R.T.: 10.722 min
Delta R.T.: -0.004 min
Response: 2537441
Conc: 17.31 ug/ml

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20 PPM AROMATIC HC STD



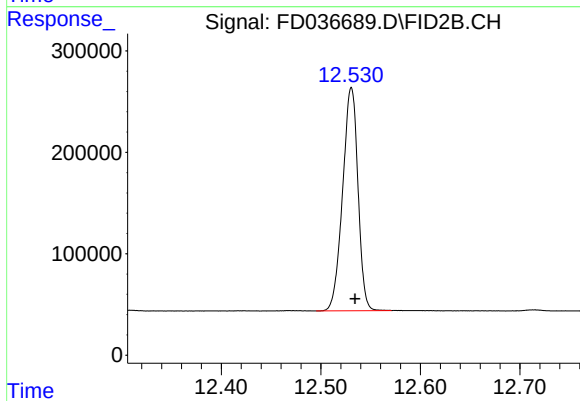
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 2476193
Conc: 17.10 ug/ml



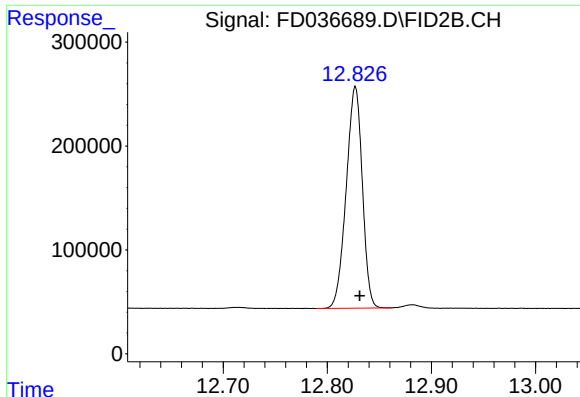
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.003 min
Response: 2667776
Conc: 17.47 ug/ml



#12 Fluoranthene (C21.85)

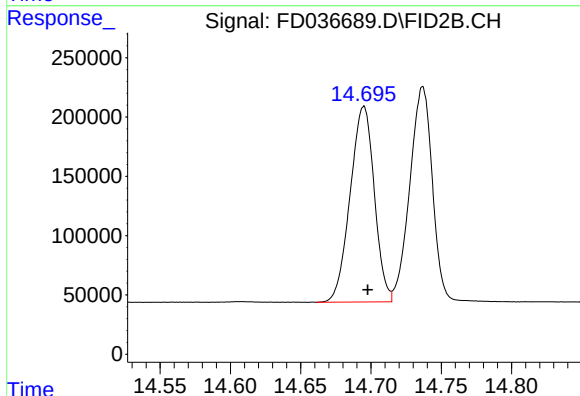
R.T.: 12.531 min
Delta R.T.: -0.004 min
Response: 2356522
Conc: 16.78 ug/ml



#13 Pyrene (C20.8)

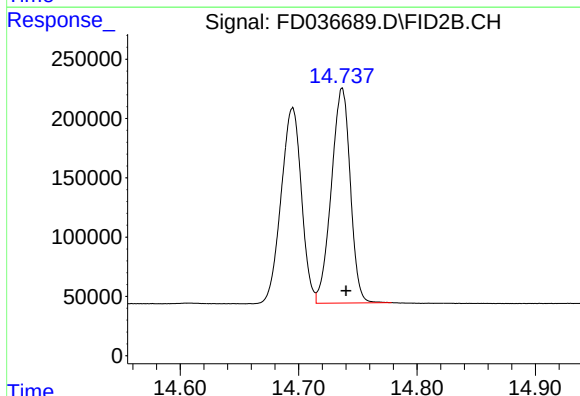
R.T.: 12.827 min
Delta R.T.: -0.004 min
Response: 2292088
Conc: 16.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



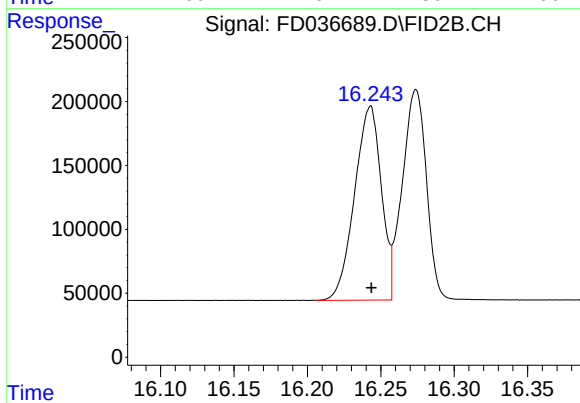
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 1969635
Conc: 16.59 ug/ml



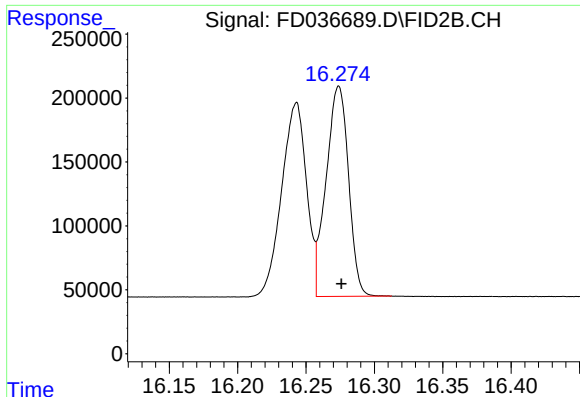
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2020450
Conc: 16.71 ug/ml



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

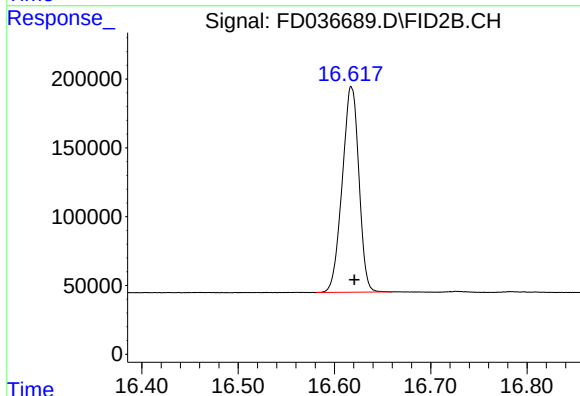
R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 1924105
Conc: 17.53 ug/ml



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

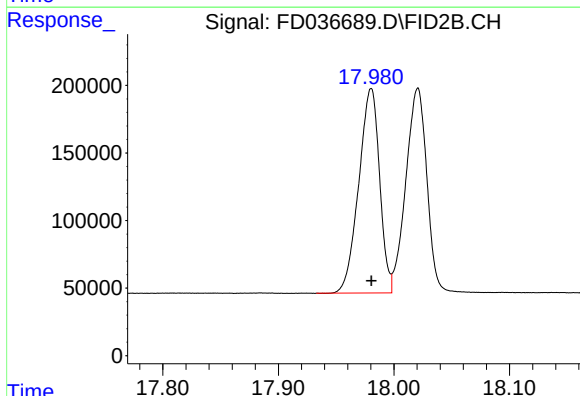
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 1877559
Conc: 17.66 ug/ml

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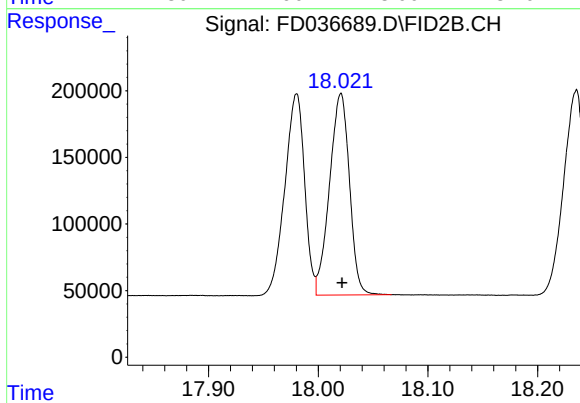
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 1788035
Conc: 17.94 ug/ml



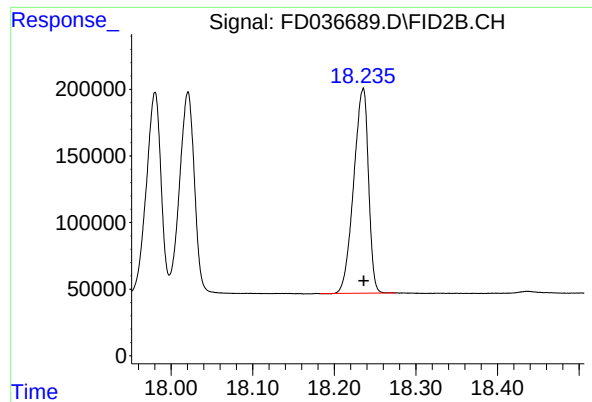
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 1895042
Conc: 18.85 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 1911852
Conc: 18.96 ug/ml



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

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 1934255
Conc: 19.09 ug/ml

Instrument :
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