

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036832.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 1:17
 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 10 04:26:53 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...	7.588	2483616	17.659 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
6) S 2-Fluorobiphenyl (SURR)	8.450	1611138	17.164 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.33%
11) S ortho-Terphenyl (SURR)	11.490	2564533	16.791 ug/ml
Spiked Amount 50.000		Recovery =	33.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2728583	18.615 ug/ml
2) T Naphthalene (C11.7)	5.926	2825334	17.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2778803	17.681 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2590633	17.289 ug/ml
7) T Acenaphthene (C15.5)	8.549	2686123	17.304 ug/ml
8) T Fluorene (C16.55)	9.329	2556830	16.982 ug/ml
9) T Phenanthrene (C19.36)	10.724	2427653	16.563 ug/ml
10) T Anthracene (C19.43)	10.799	2212729	15.285 ug/ml
12) T Fluoranthene (C21.85)	12.534	2277950	16.225 ug/ml
13) T Pyrene (C20.8)	12.830	2229995	16.253 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2075579	17.477 ug/ml
15) T Chrysene (C27.41)	14.742	2151120	17.788 ug/ml
16) T benzo[b]fluoranthene ...	16.248	2169163	19.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	2105667	19.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.625	2015441	20.223 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	2135761	21.247 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	2178168	21.602 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	2173899	21.455 ug/ml

(f)=RT Delta > 1/2 Window

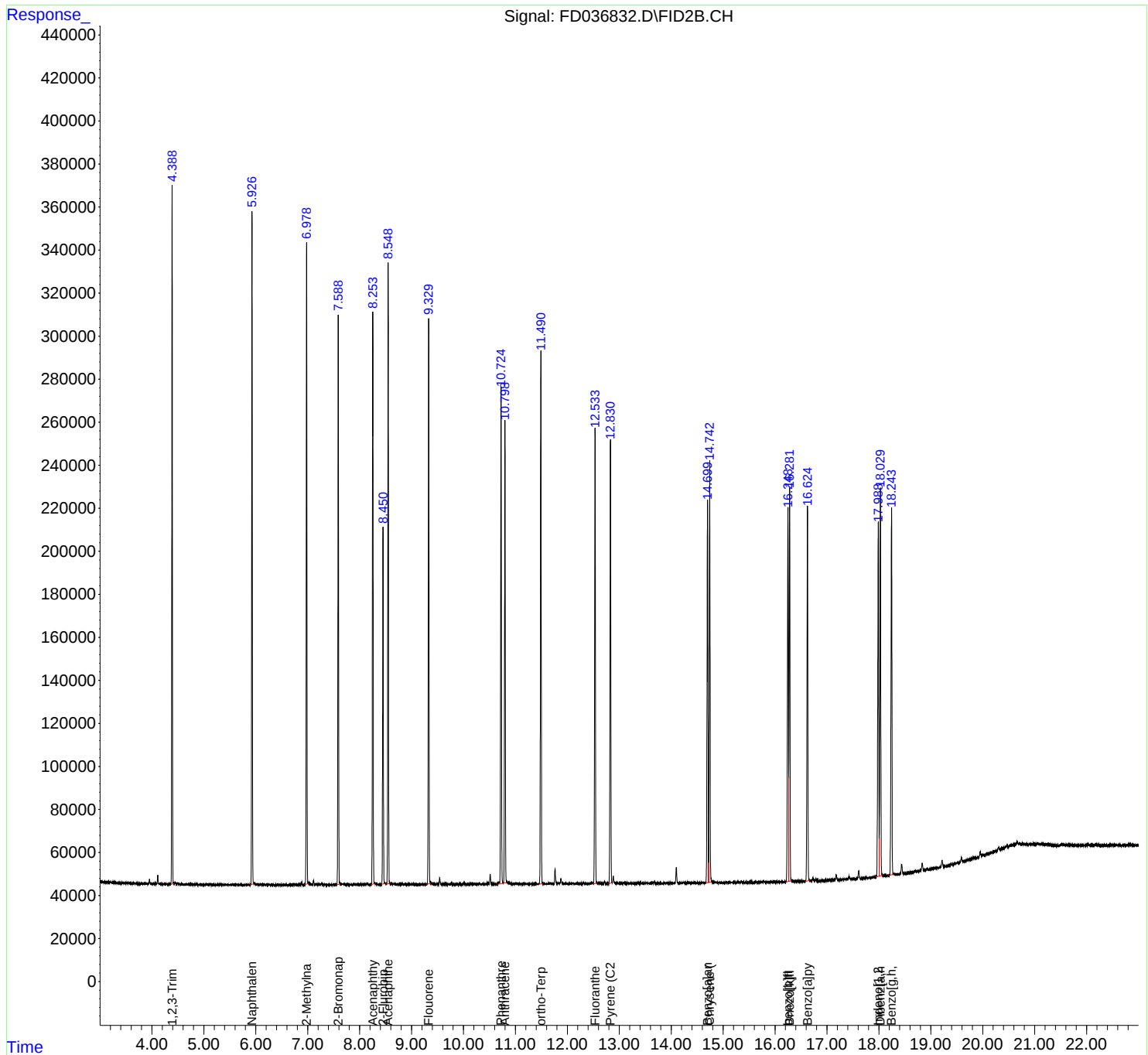
(m)=manual int.

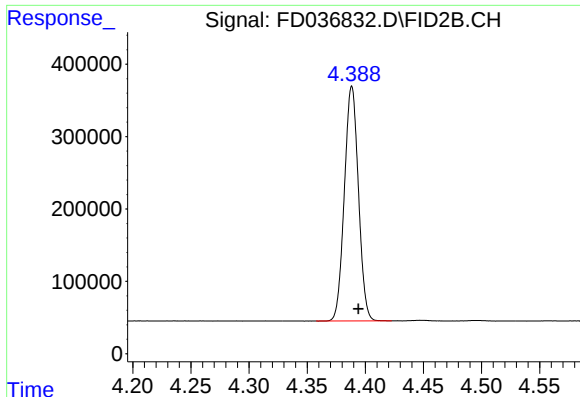
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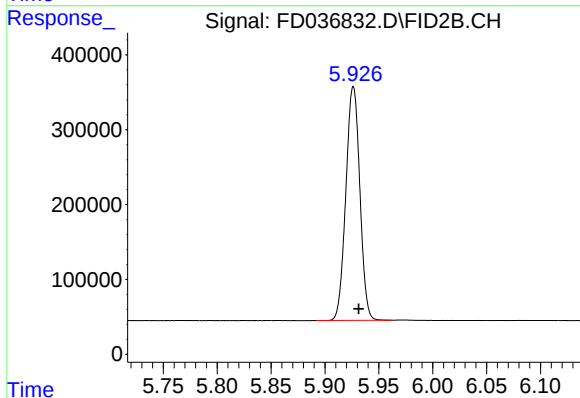




#1 1,2,3-Trimethylbenzene (C10.1)

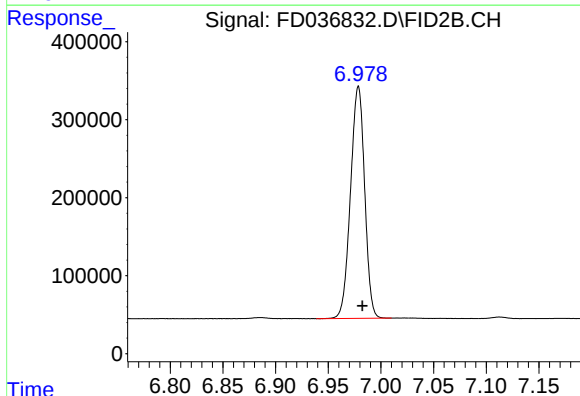
R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 2728583
Conc: 18.61 ug/ml

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20 PPM AROMATIC HC STD



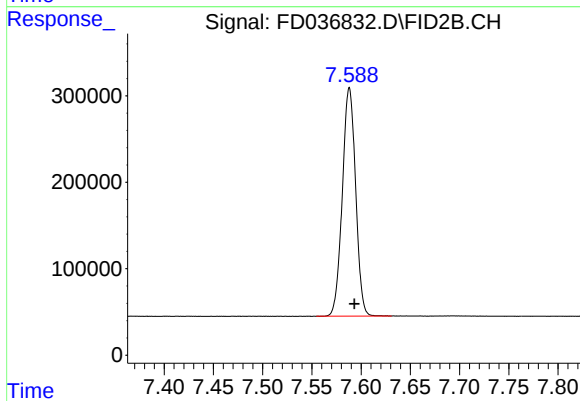
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 2825334
Conc: 17.98 ug/ml



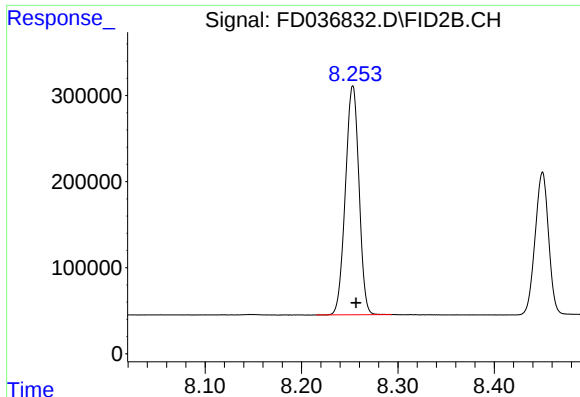
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2778803
Conc: 17.68 ug/ml



#4 2-Bromonaphthalene (SURR)

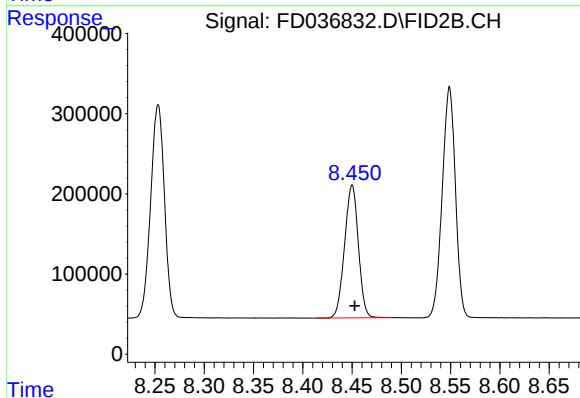
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 2483616
Conc: 17.66 ug/ml



#5 Acenaphthylene (C15.06)

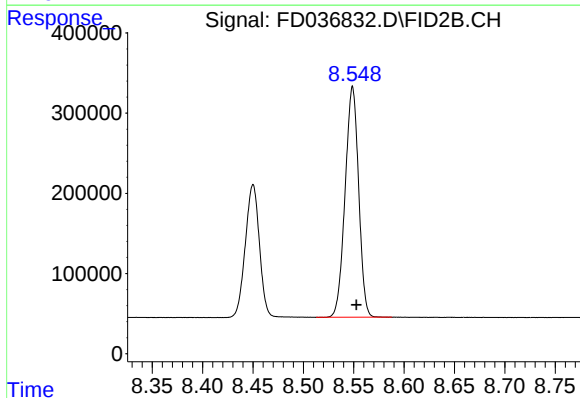
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 2590633
Conc: 17.29 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



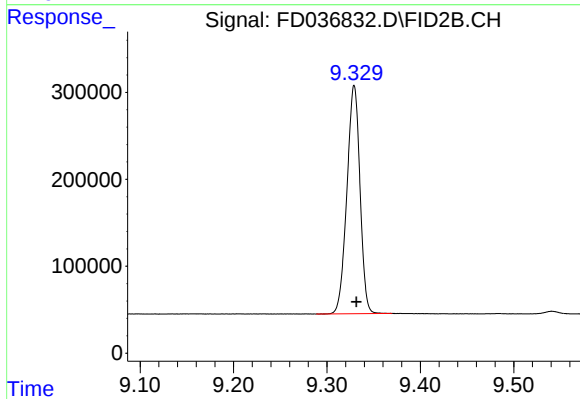
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 1611138
Conc: 17.16 ug/ml



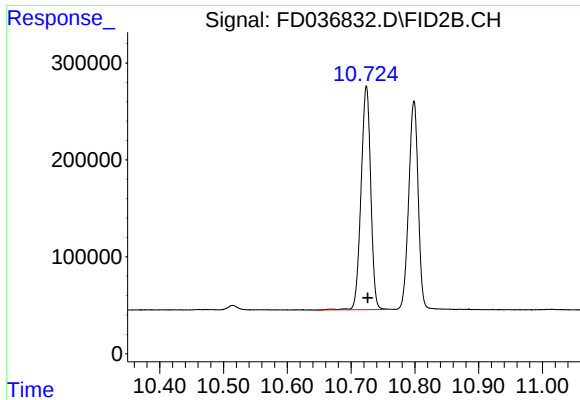
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 2686123
Conc: 17.30 ug/ml



#8 Flouorene (C16.55)

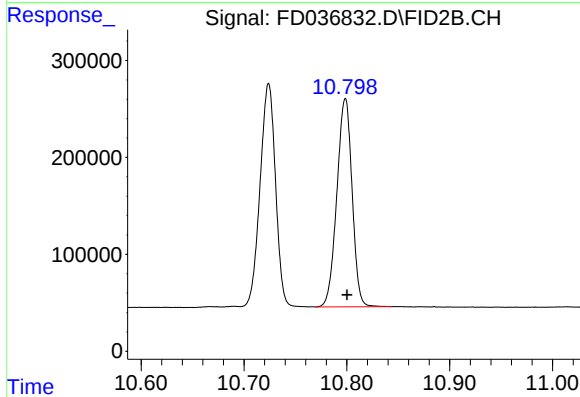
R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 2556830
Conc: 16.98 ug/ml



#9 Phenanthrene (C19.36)

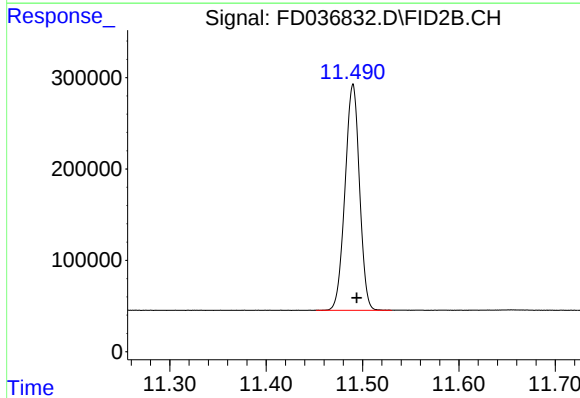
R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 2427653
Conc: 16.56 ug/ml

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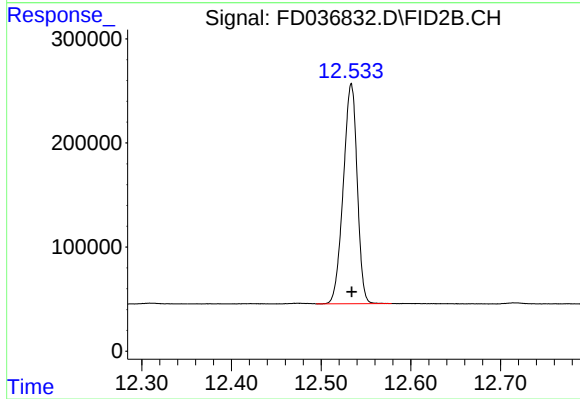
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: -0.002 min
Response: 2212729
Conc: 15.28 ug/ml



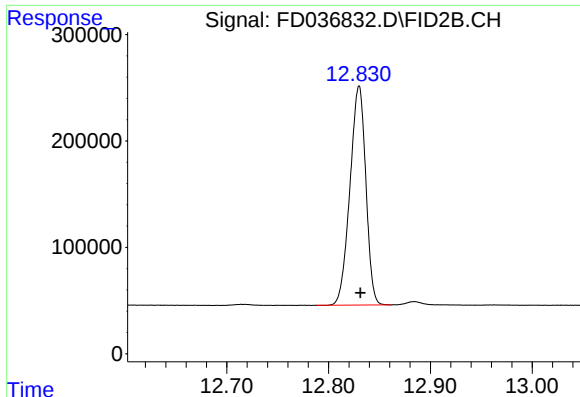
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 2564533
Conc: 16.79 ug/ml



#12 Fluoranthene (C21.85)

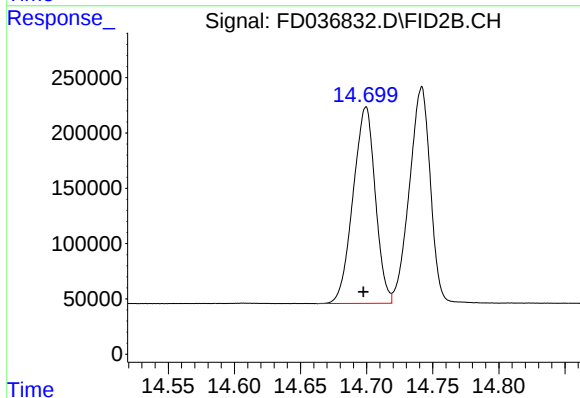
R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2277950
Conc: 16.23 ug/ml



#13 Pyrene (C20.8)

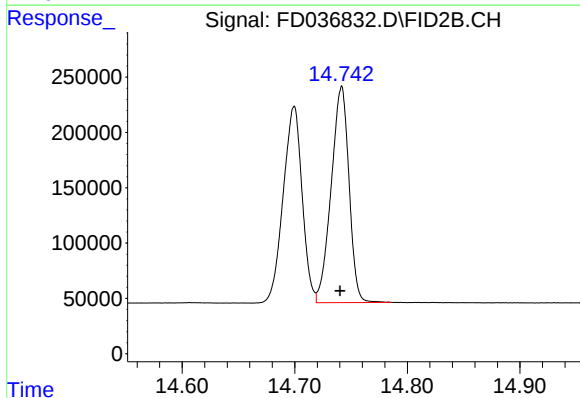
R.T.: 12.830 min
Delta R.T.: -0.001 min
Response: 2229995
Conc: 16.25 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



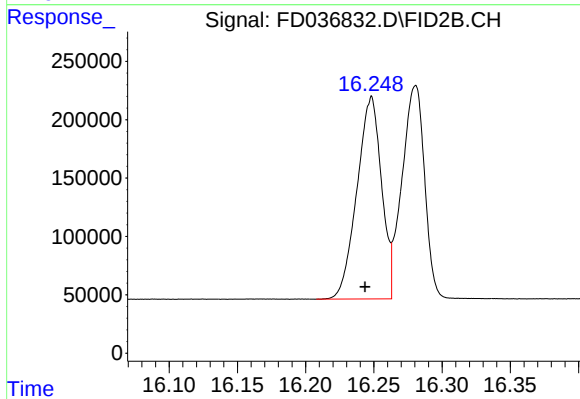
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: 0.002 min
Response: 2075579
Conc: 17.48 ug/ml



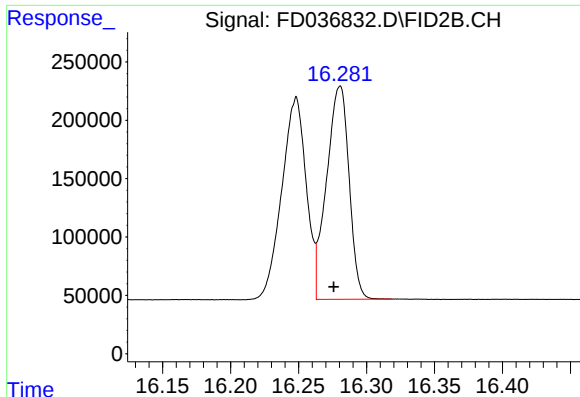
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: 0.001 min
Response: 2151120
Conc: 17.79 ug/ml



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

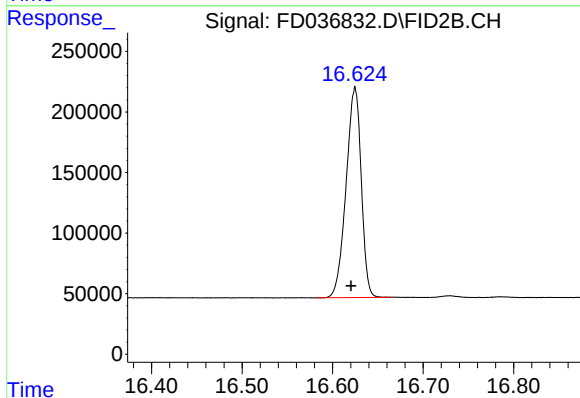
R.T.: 16.248 min
Delta R.T.: 0.005 min
Response: 2169163
Conc: 19.77 ug/ml



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

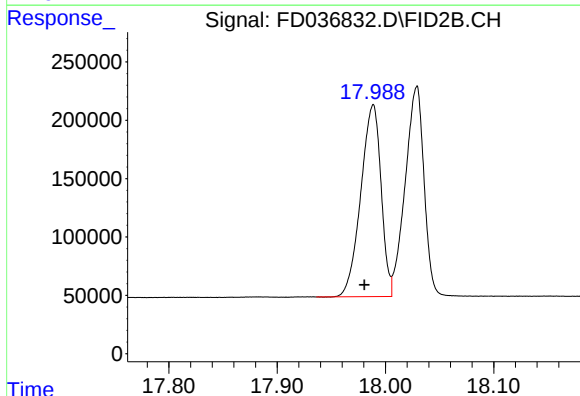
R.T.: 16.280 min
Delta R.T.: 0.005 min
Response: 2105667
Conc: 19.81 ug/ml

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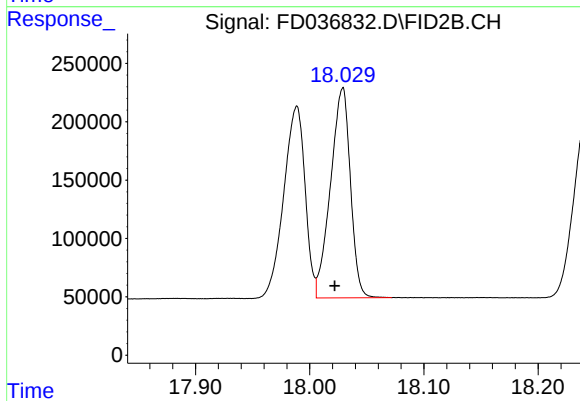
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.625 min
Delta R.T.: 0.004 min
Response: 2015441
Conc: 20.22 ug/ml



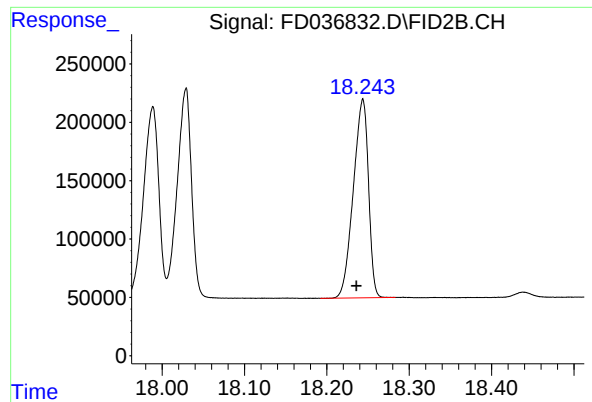
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.008 min
Response: 2135761
Conc: 21.25 ug/ml



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

R.T.: 18.029 min
Delta R.T.: 0.007 min
Response: 2178168
Conc: 21.60 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.008 min
Response: 2173899
Conc: 21.46 ug/ml

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