

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036812.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2021 11:28
 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 00:30:36 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...	7.592	2492696	17.724 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
6) S 2-Fluorobiphenyl (SURR)	8.454	1611024	17.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.33%
11) S ortho-Terphenyl (SURR)	11.494	2529552	16.562 ug/ml
Spiked Amount 50.000		Recovery =	33.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2735372	18.661 ug/ml
2) T Naphthalene (C11.7)	5.930	2844686	18.100 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	2791069	17.759 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2595559	17.322 ug/ml
7) T Acenaphthene (C15.5)	8.553	2684024	17.290 ug/ml
8) T Flouorene (C16.55)	9.333	2549453	16.933 ug/ml
9) T Phenanthrene (C19.36)	10.728	2390098	16.307 ug/ml
10) T Anthracene (C19.43)	10.802	2216084	15.308 ug/ml
12) T Fluoranthene (C21.85)	12.538	2253749	16.053 ug/ml
13) T Pyrene (C20.8)	12.834	2211787	16.121 ug/ml
14) T Benzo[a]anthracene (C...	14.703	2064868	17.387 ug/ml
15) T Chrysene (C27.41)	14.746	2143702	17.726 ug/ml
16) T benzo[b]fluoranthene ...	16.253	2151533	19.607 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	2095477	19.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	2005482	20.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	2121550	21.106 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	2155450	21.376 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	2164082	21.359 ug/ml

(f)=RT Delta > 1/2 Window

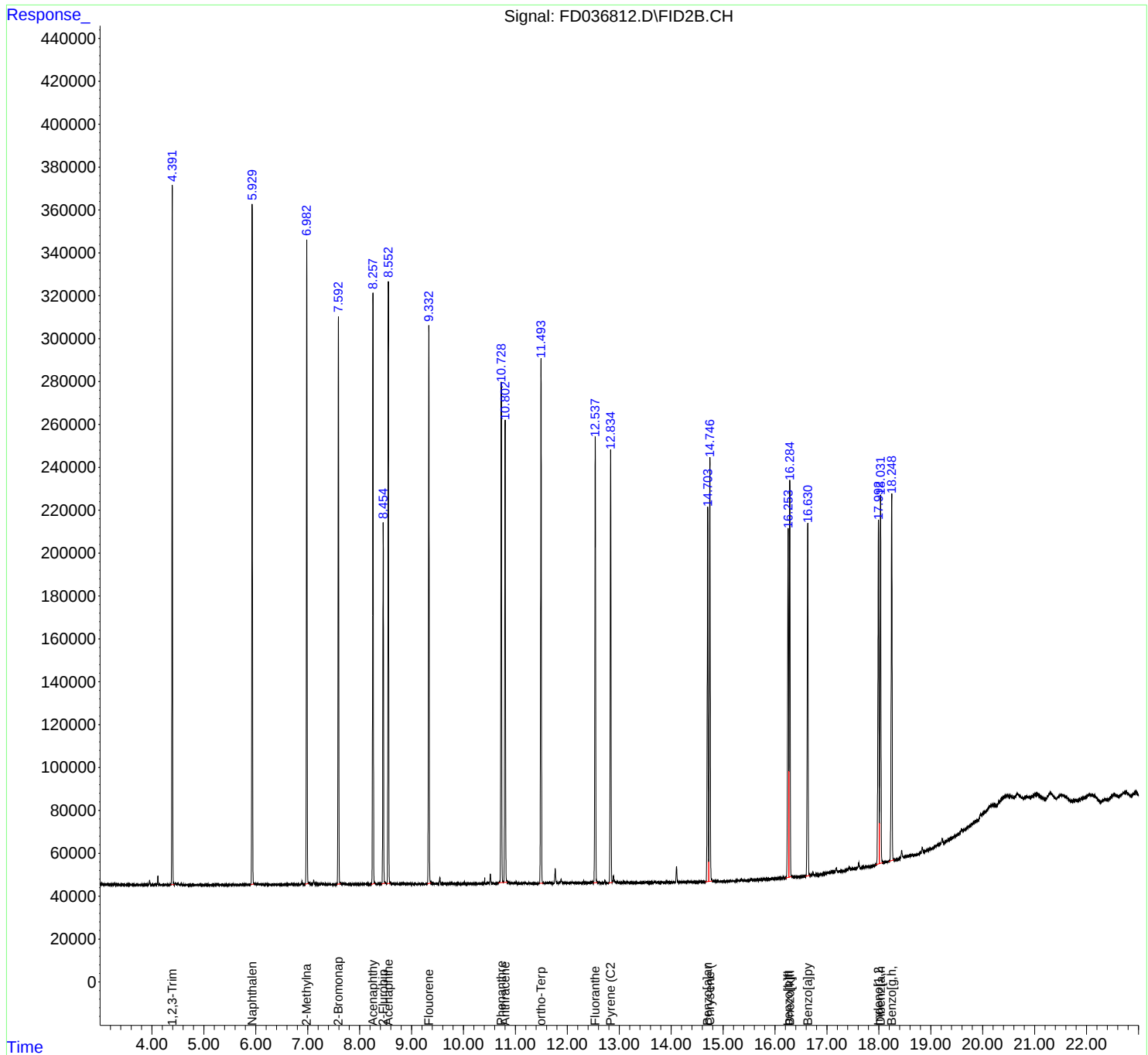
(m)=manual int.

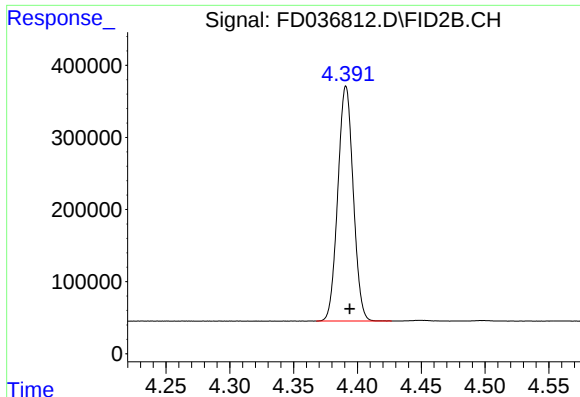
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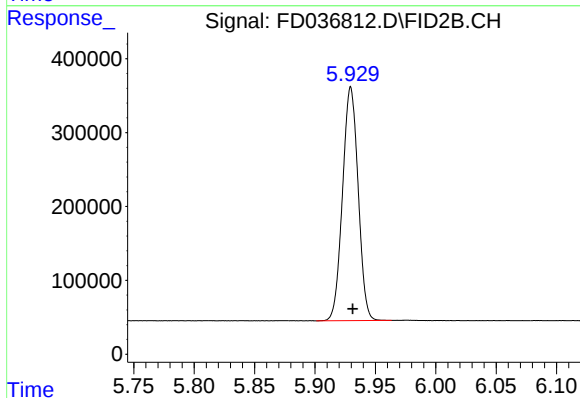




#1 1,2,3-Trimethylbenzene (C10.1)

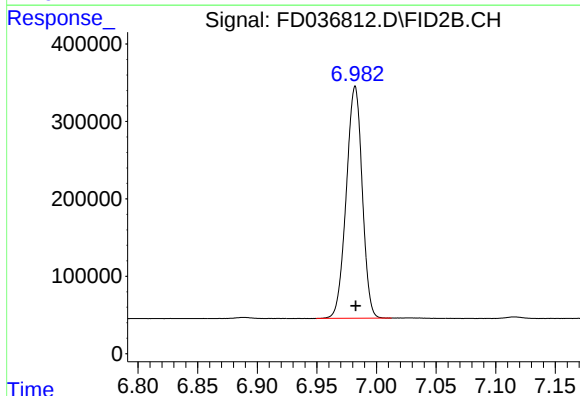
R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 2735372
Conc: 18.66 ug/ml

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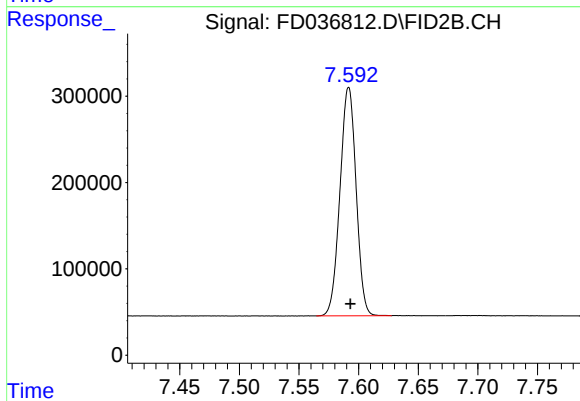
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 2844686
Conc: 18.10 ug/ml



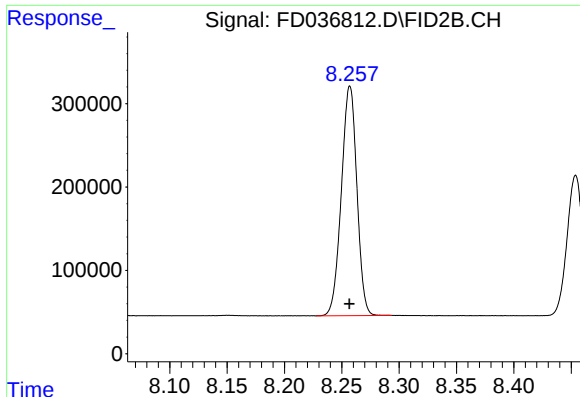
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 2791069
Conc: 17.76 ug/ml



#4 2-Bromonaphthalene (SURR)

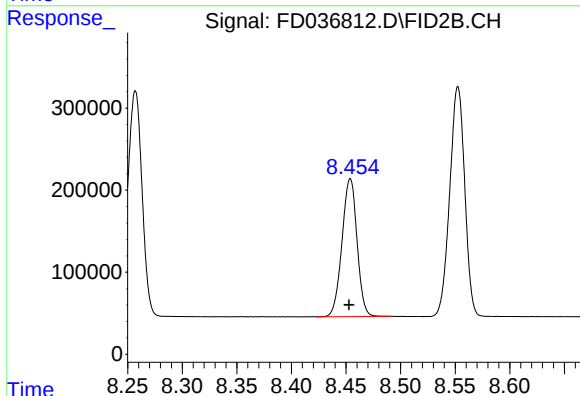
R.T.: 7.592 min
Delta R.T.: -0.001 min
Response: 2492696
Conc: 17.72 ug/ml



#5 Acenaphthylene (C15.06)

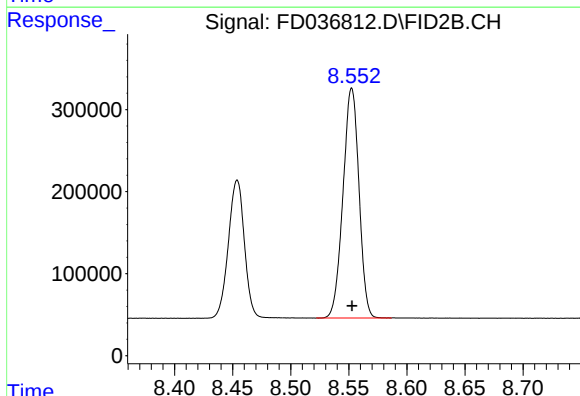
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 2595559
Conc: 17.32 ug/ml

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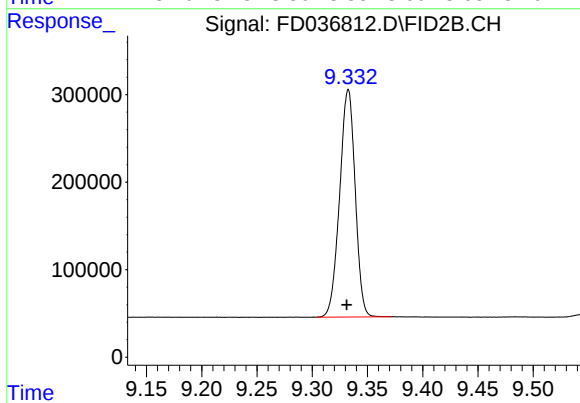
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 1611024
Conc: 17.16 ug/ml



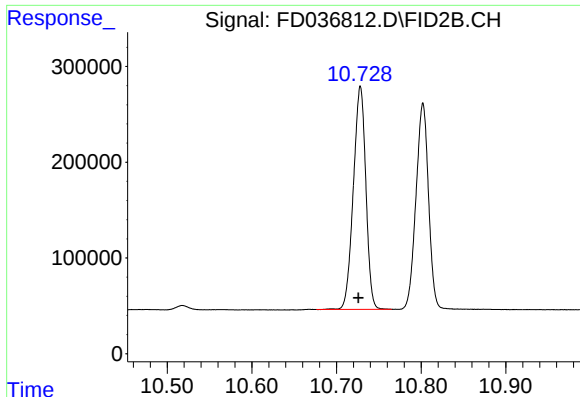
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 2684024
Conc: 17.29 ug/ml



#8 Fluorene (C16.55)

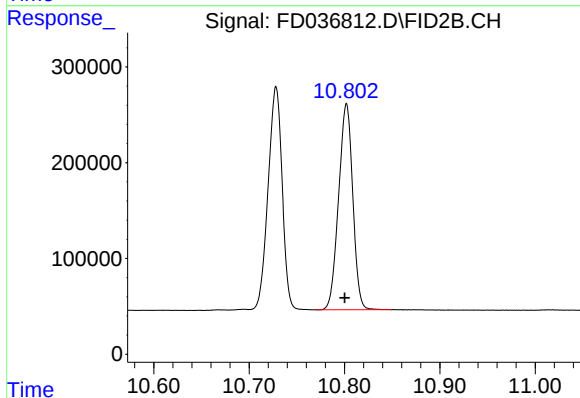
R.T.: 9.333 min
Delta R.T.: 0.001 min
Response: 2549453
Conc: 16.93 ug/ml



#9 Phenanthrene (C19.36)

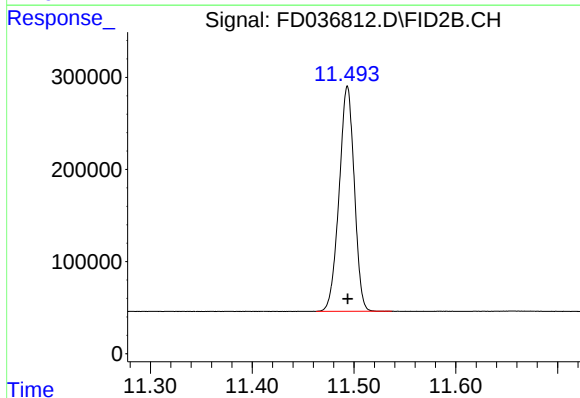
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 2390098
Conc: 16.31 ug/ml

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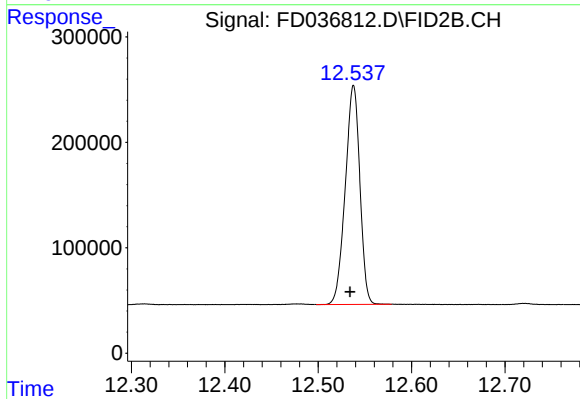
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: 0.002 min
Response: 2216084
Conc: 15.31 ug/ml



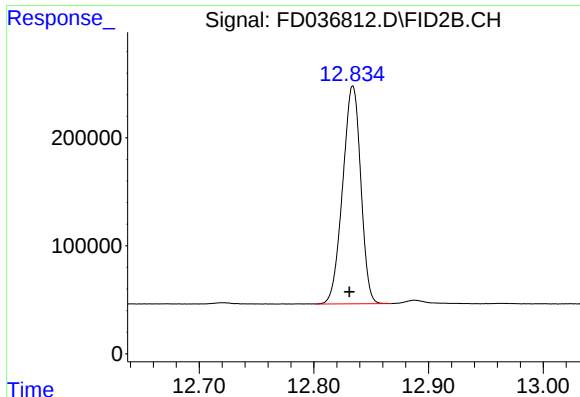
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 2529552
Conc: 16.56 ug/ml



#12 Fluoranthene (C21.85)

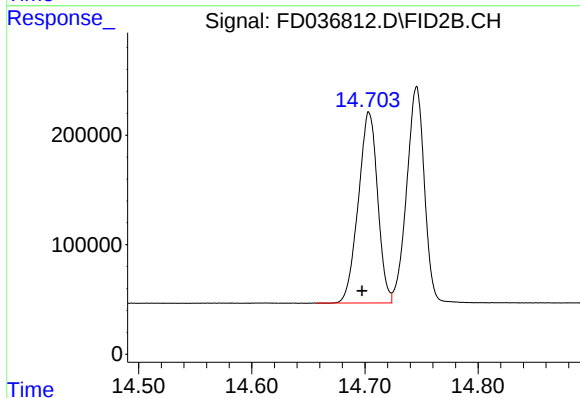
R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 2253749
Conc: 16.05 ug/ml



#13 Pyrene (C20.8)

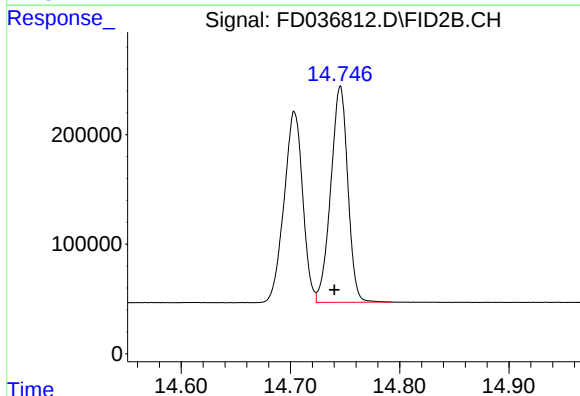
R.T.: 12.834 min
Delta R.T.: 0.003 min
Response: 2211787
Conc: 16.12 ug/ml

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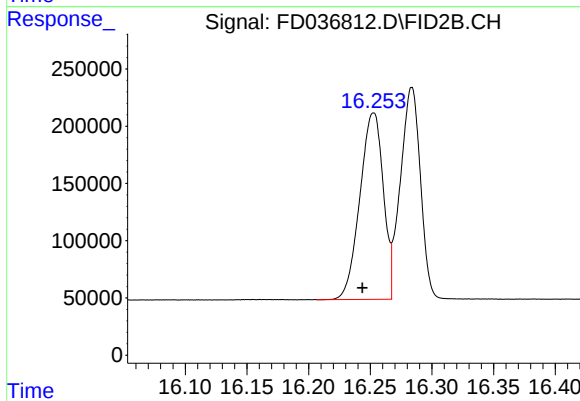
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: 0.006 min
Response: 2064868
Conc: 17.39 ug/ml



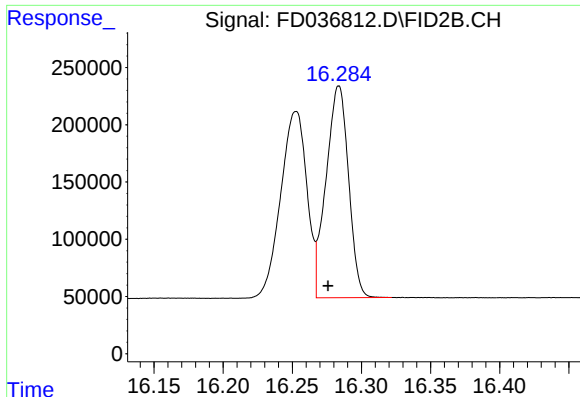
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 2143702
Conc: 17.73 ug/ml



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

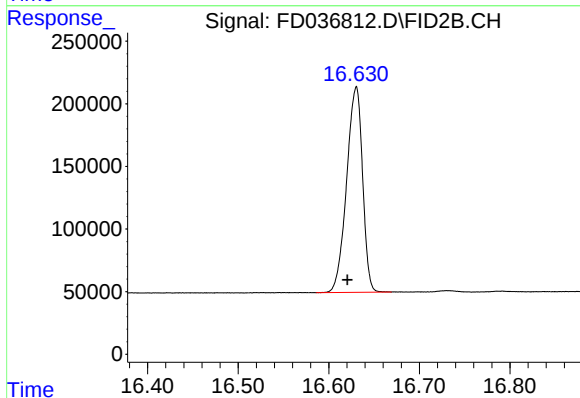
R.T.: 16.253 min
Delta R.T.: 0.009 min
Response: 2151533
Conc: 19.61 ug/ml



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

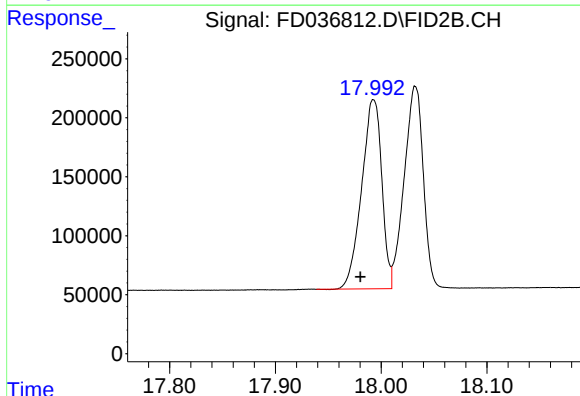
R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 2095477
Conc: 19.71 ug/ml

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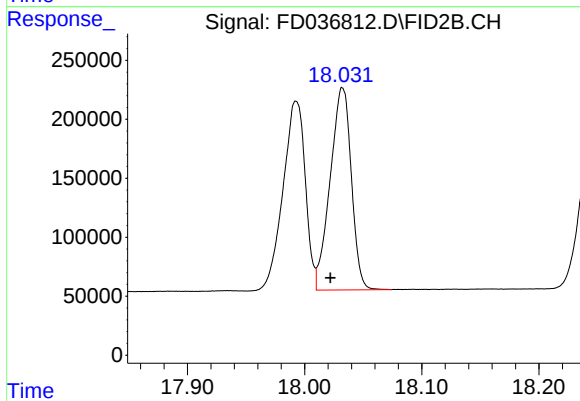
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: 0.010 min
Response: 2005482
Conc: 20.12 ug/ml



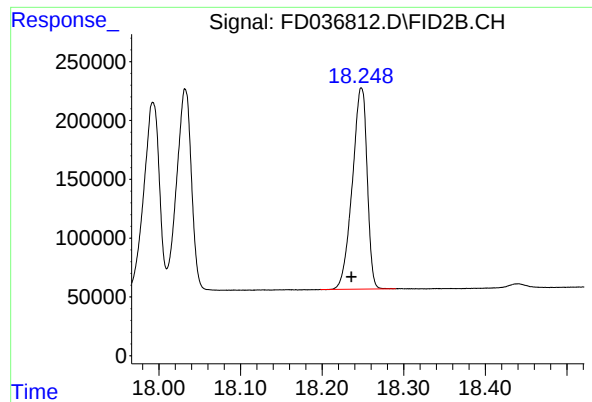
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: 0.012 min
Response: 2121550
Conc: 21.11 ug/ml



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

R.T.: 18.032 min
Delta R.T.: 0.011 min
Response: 2155450
Conc: 21.38 ug/ml



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

R.T.: 18.248 min
Delta R.T.: 0.012 min
Response: 2164082
Conc: 21.36 ug/ml

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