

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036863.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 9:43
 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 14 02:46:18 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...	7.587	2596571	18.462 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
6) S 2-Fluorobiphenyl (SURR)	8.448	1665924	17.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.49%
11) S ortho-Terphenyl (SURR)	11.487	2636267	17.261 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	2868897	19.572 ug/ml
2) T Naphthalene (C11.7)	5.924	2973505	18.920 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	2912915	18.534 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2707718	18.071 ug/ml
7) T Acenaphthene (C15.5)	8.547	2795888	18.011 ug/ml
8) T Flouorene (C16.55)	9.326	2637580	17.519 ug/ml
9) T Phenanthrene (C19.36)	10.721	2474267	16.881 ug/ml
10) T Anthracene (C19.43)	10.794	2405017	16.613 ug/ml
12) T Fluoranthene (C21.85)	12.529	2318726	16.516 ug/ml
13) T Pyrene (C20.8)	12.826	2275122	16.582 ug/ml
14) T Benzo[a]anthracene (C...	14.694	2140605	18.025 ug/ml
15) T Chrysene (C27.41)	14.736	2217679	18.338 ug/ml
16) T benzo[b]fluoranthene ...	16.243	2248341	20.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.275	2185993	20.565 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.620	2089872	20.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	2205739	21.944 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2231068	22.126 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2253689	22.243 ug/ml

(f)=RT Delta > 1/2 Window

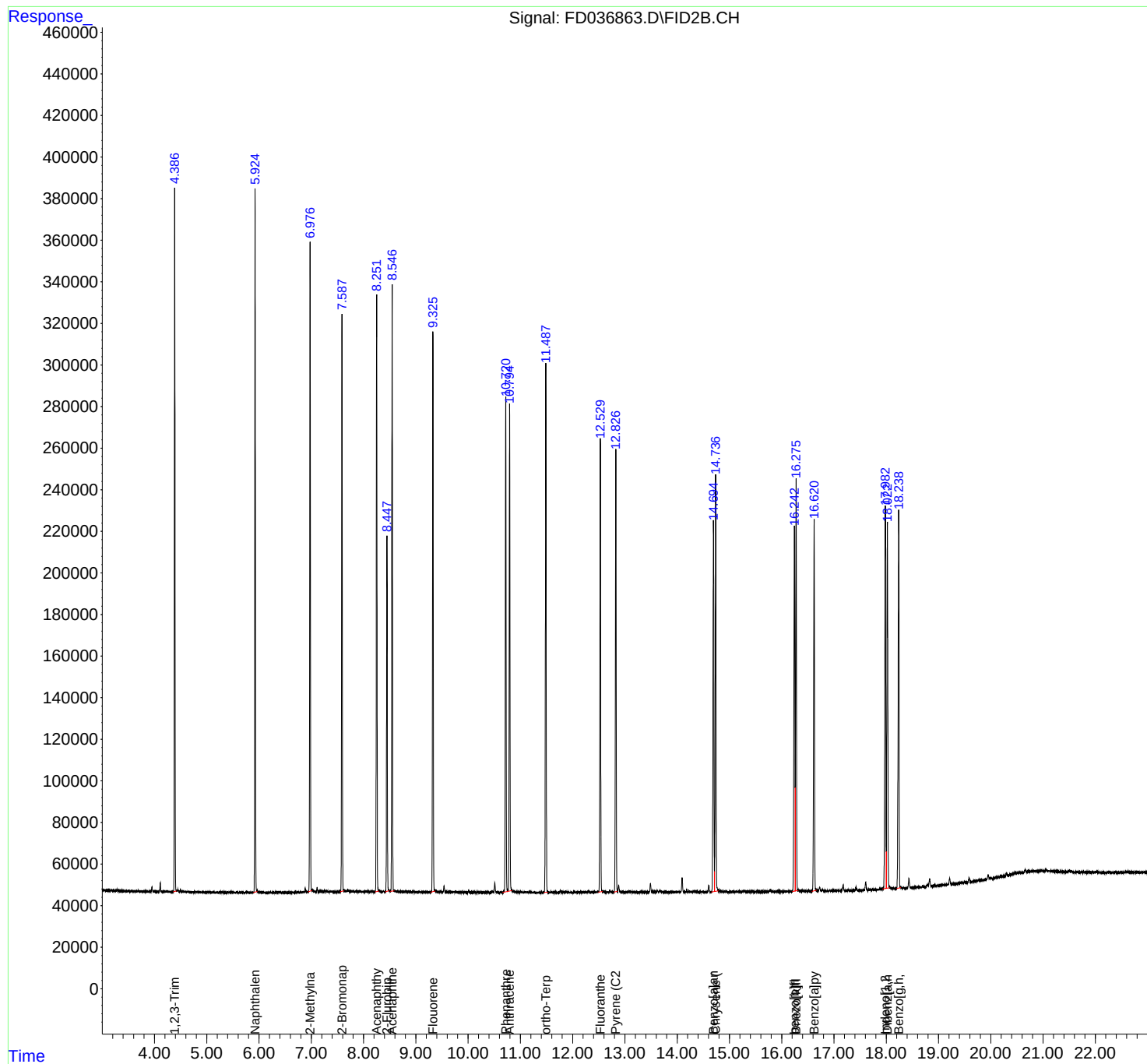
(m)=manual int.

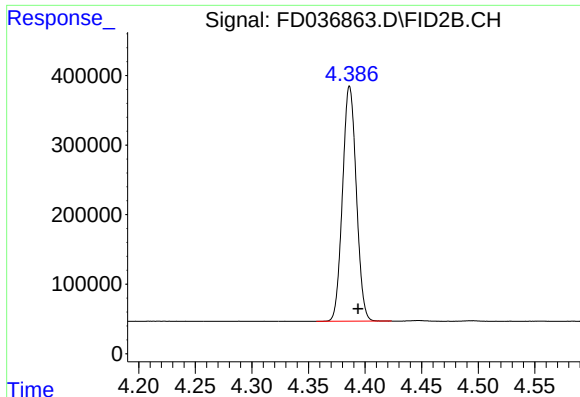
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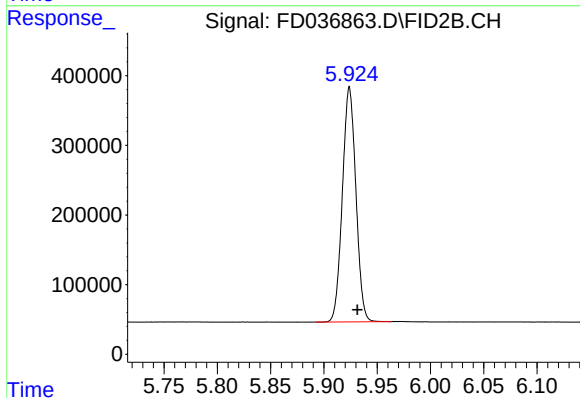




#1 1,2,3-Trimethylbenzene (C10.1)

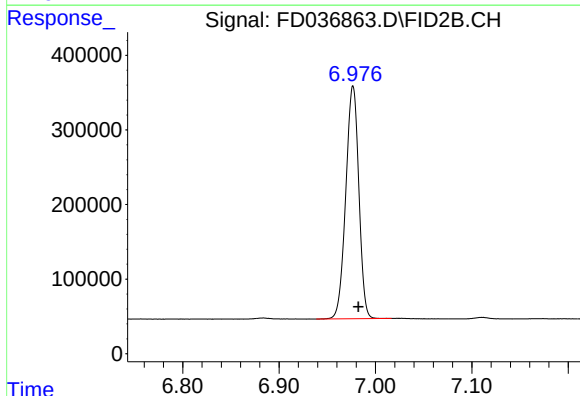
R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 2868897
Conc: 19.57 ug/ml

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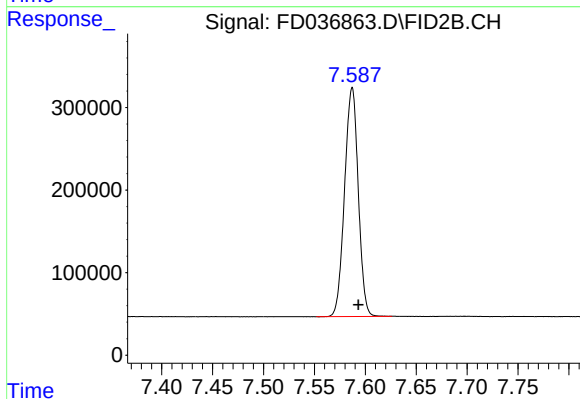
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 2973505
Conc: 18.92 ug/ml



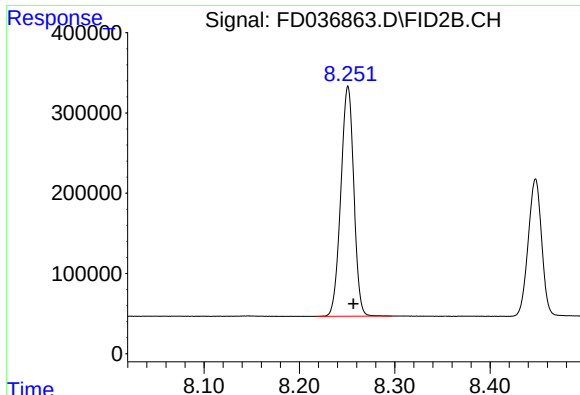
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 2912915
Conc: 18.53 ug/ml



#4 2-Bromonaphthalene (SURR)

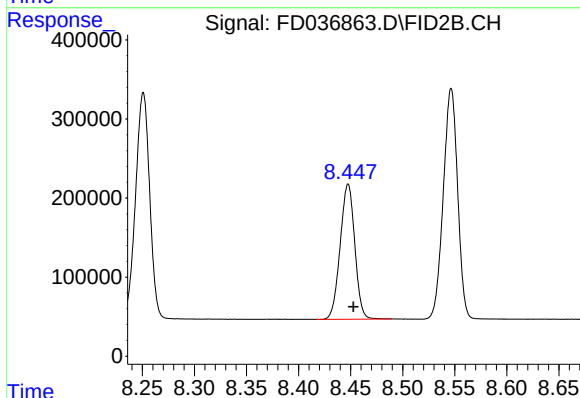
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 2596571
Conc: 18.46 ug/ml



#5 Acenaphthylene (C15.06)

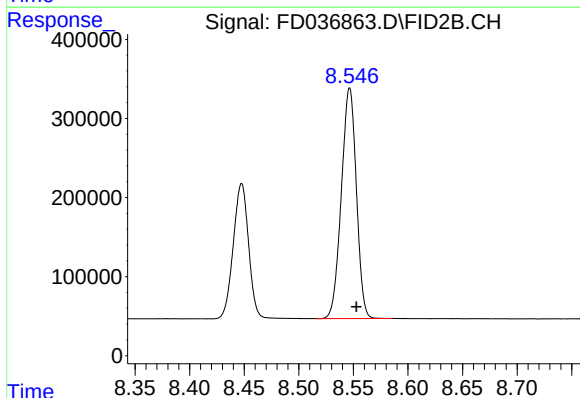
R.T.: 8.251 min
Delta R.T.: -0.006 min
Response: 2707718
Conc: 18.07 ug/ml

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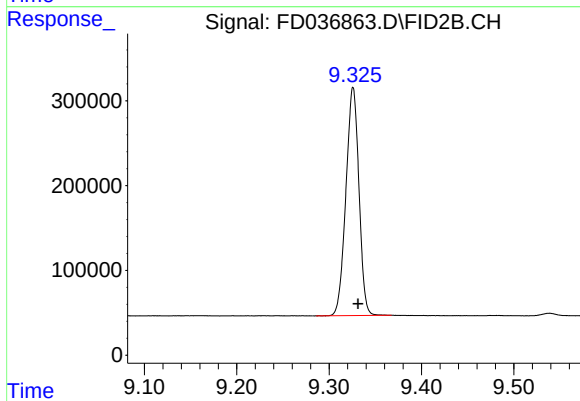
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 1665924
Conc: 17.75 ug/ml



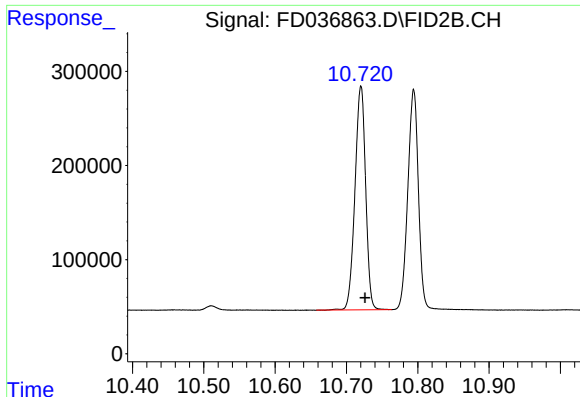
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.006 min
Response: 2795888
Conc: 18.01 ug/ml



#8 Flouorene (C16.55)

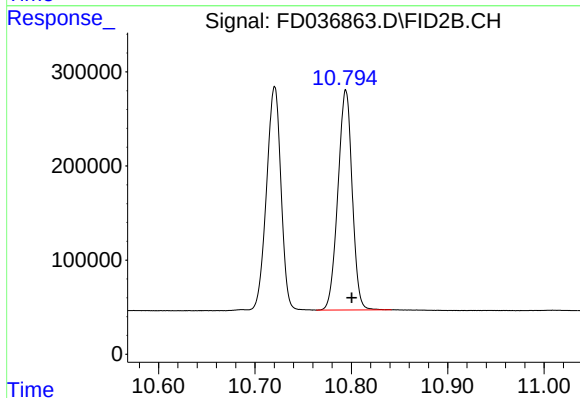
R.T.: 9.326 min
Delta R.T.: -0.005 min
Response: 2637580
Conc: 17.52 ug/ml



#9 Phenanthrene (C19.36)

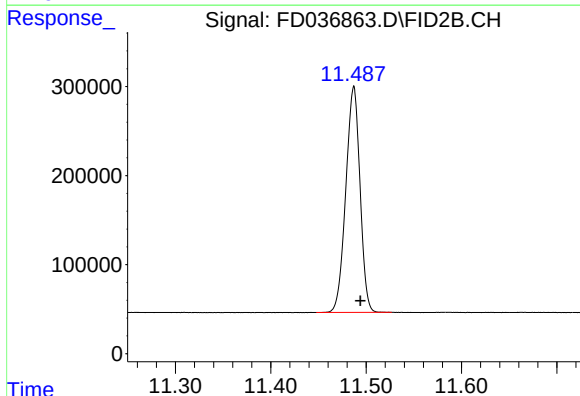
R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2474267
Conc: 16.88 ug/ml

Instrument :
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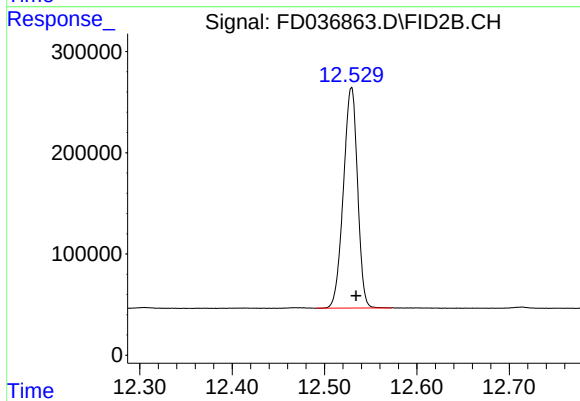
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.006 min
Response: 2405017
Conc: 16.61 ug/ml



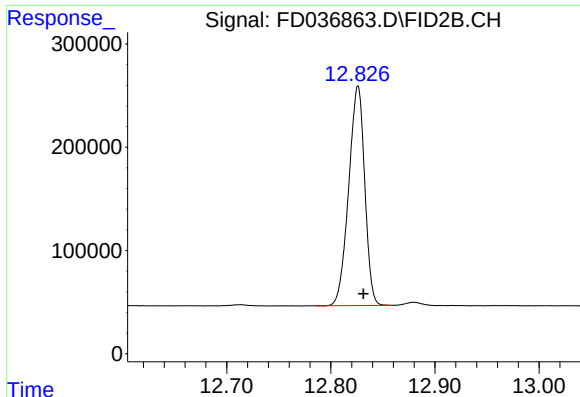
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 2636267
Conc: 17.26 ug/ml



#12 Fluoranthene (C21.85)

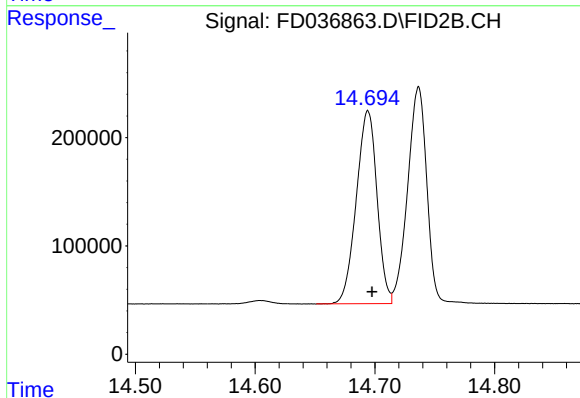
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 2318726
Conc: 16.52 ug/ml



#13 Pyrene (C20.8)

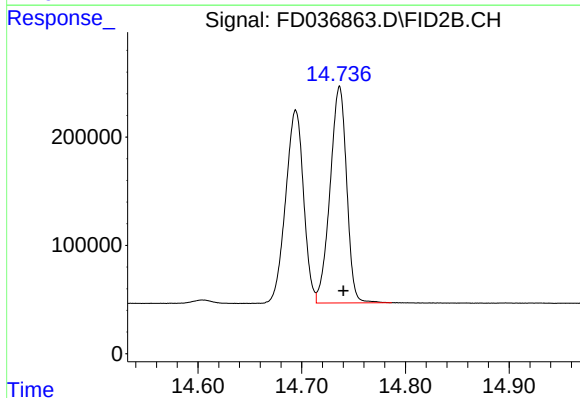
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2275122
Conc: 16.58 ug/ml

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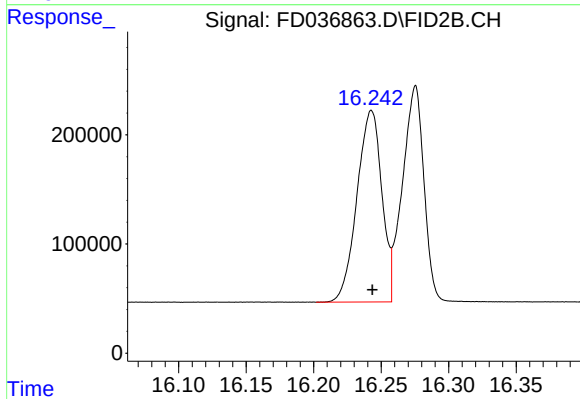
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.694 min
Delta R.T.: -0.003 min
Response: 2140605
Conc: 18.02 ug/ml



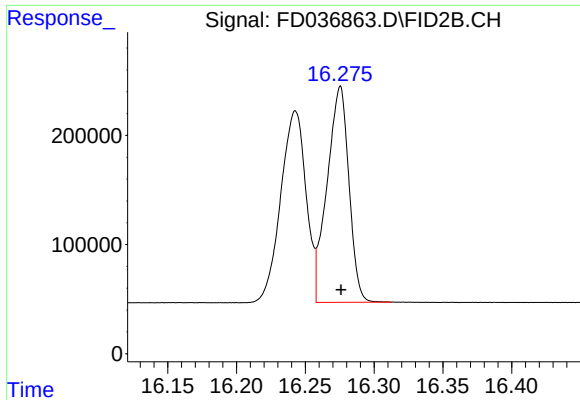
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 2217679
Conc: 18.34 ug/ml



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

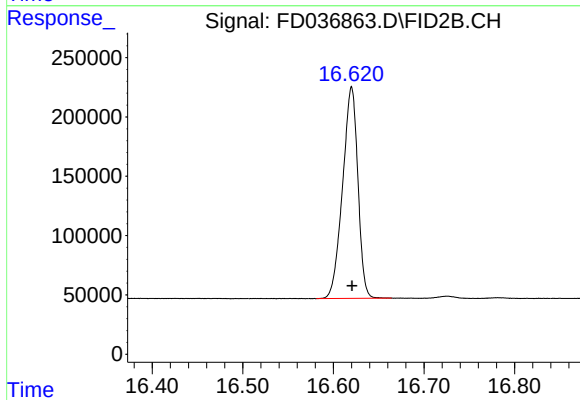
R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 2248341
Conc: 20.49 ug/ml



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

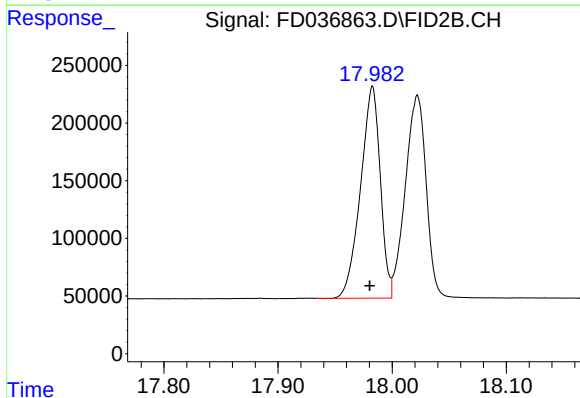
R.T.: 16.275 min
Delta R.T.: 0.000 min
Response: 2185993
Conc: 20.56 ug/ml

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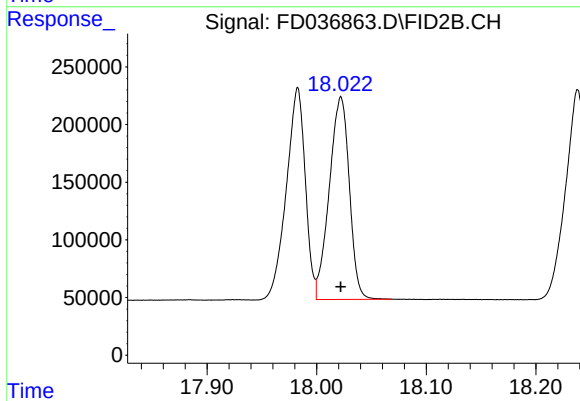
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: 0.000 min
Response: 2089872
Conc: 20.97 ug/ml



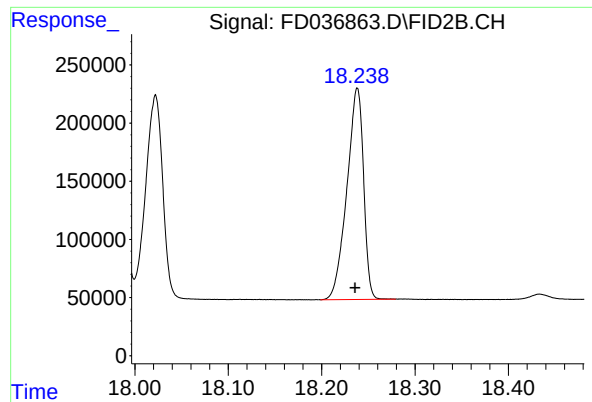
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 2205739
Conc: 21.94 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2231068
Conc: 22.13 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.002 min
Response: 2253689
Conc: 22.24 ug/ml

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