

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035259.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 6:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 03 07:37:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 06:34:23 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...	7.641	2389470	20.602 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
6) S 2-Fluorobiphenyl (SURR)	8.505	1675539	21.012 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.02%
11) S ortho-Terphenyl (SURR)	11.544	2837666	20.419 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	2655735	20.589 ug/ml
2) T Naphthalene (C11.7)	5.979	2790340	20.608 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2815883	20.658 ug/ml
5) T Acenaphthylene (C15.06)	8.307	2763201	20.497 ug/ml
7) T Acenaphthene (C15.5)	8.602	2861386	20.612 ug/ml
8) T Flouorene (C16.55)	9.383	2758682	20.805 ug/ml
9) T Phenanthrene (C19.36)	10.780	2742701	20.748 ug/ml
10) T Anthracene (C19.43)	10.855	2803728	20.737 ug/ml
12) T Fluoranthene (C21.85)	12.592	2783654	20.721 ug/ml
13) T Pyrene (C20.8)	12.889	2683250	20.176 ug/ml
14) T Benzo[a]anthracene (C...	14.761	2472548	20.850 ug/ml
15) T Chrysene (C27.41)	14.803	2714793	20.498 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2441300	20.805 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	2494021	20.492 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	2262020	20.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2083774	20.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	2382049	20.826 ug/ml
21) T Benzo[g,h,i]perylene ...	18.309	2211727	20.658 ug/ml

(f)=RT Delta > 1/2 Window

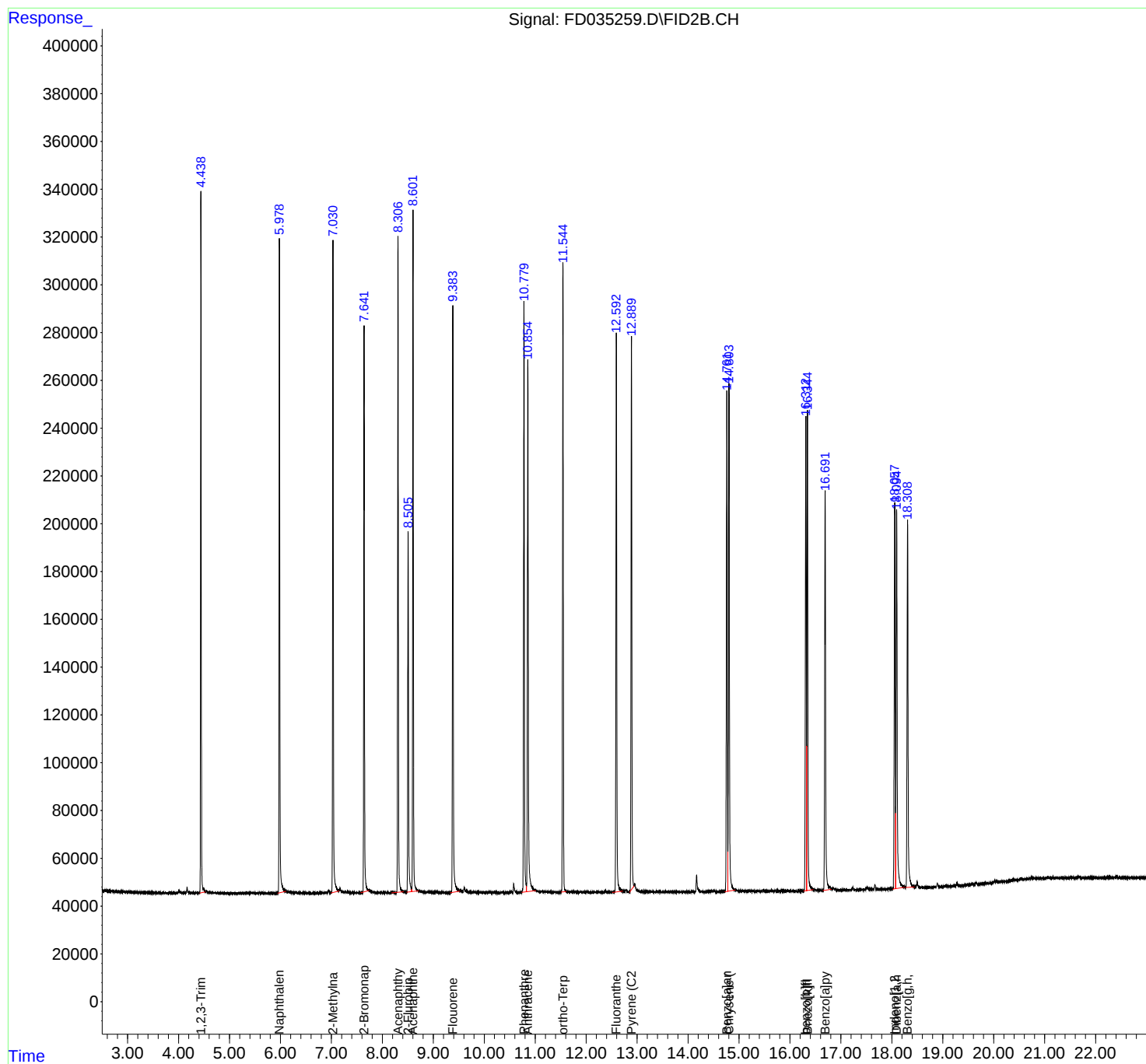
(m)=manual int.

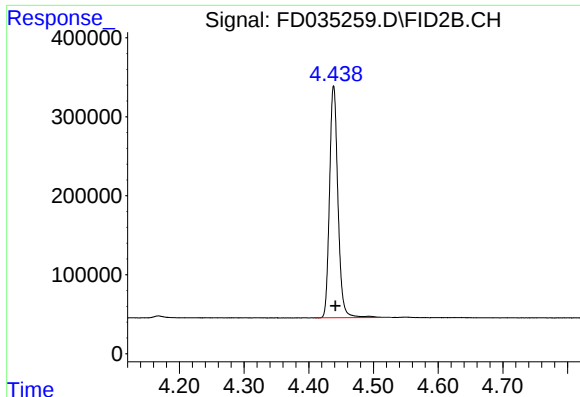
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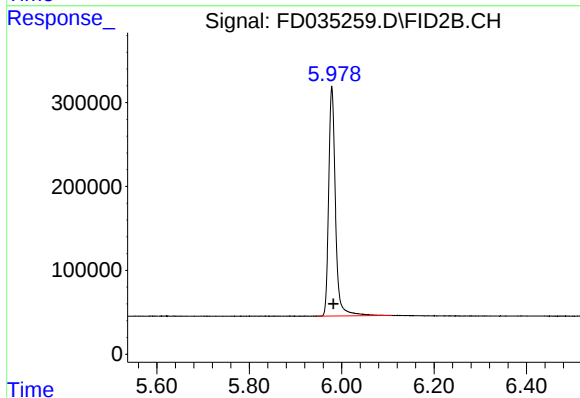




#1 1,2,3-Trimethylbenzene (C10.1)

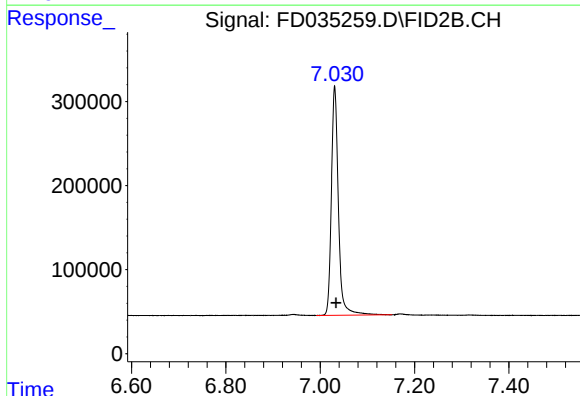
R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2655735
Conc: 20.59 ug/ml

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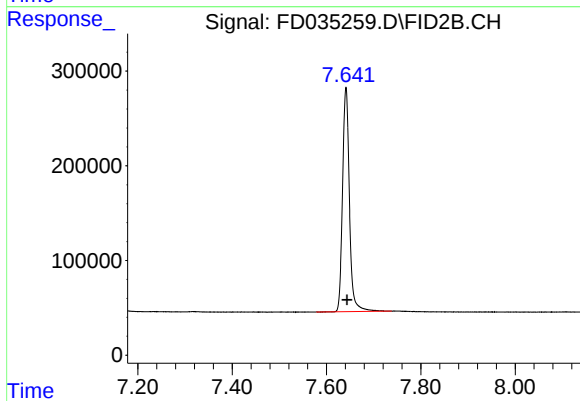
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 2790340
Conc: 20.61 ug/ml



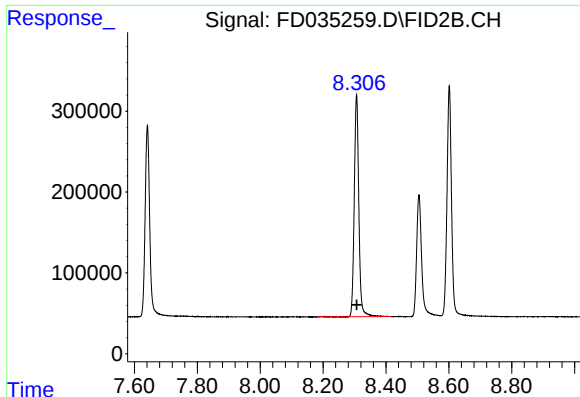
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 2815883
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

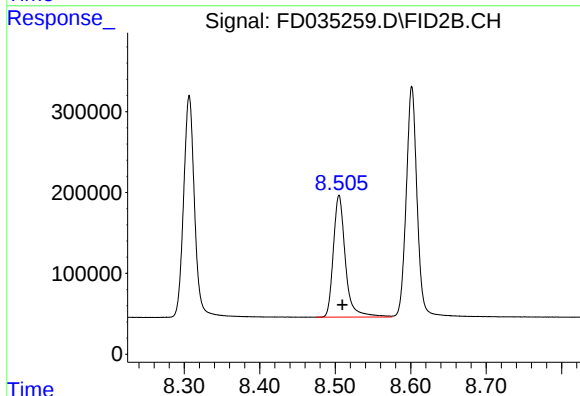
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 2389470
Conc: 20.60 ug/ml



#5 Acenaphthylene (C15.06)

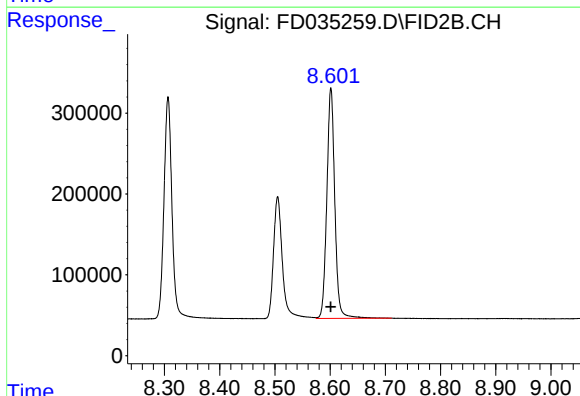
R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 2763201
Conc: 20.50 ug/ml

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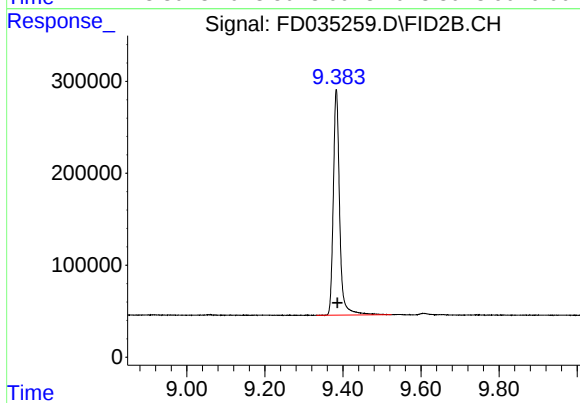
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 1675539
Conc: 21.01 ug/ml



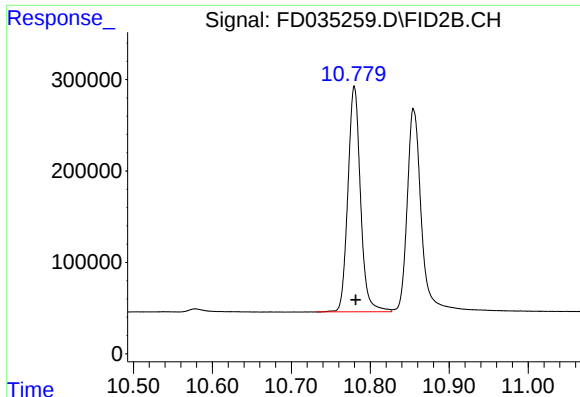
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 2861386
Conc: 20.61 ug/ml



#8 Fluorene (C16.55)

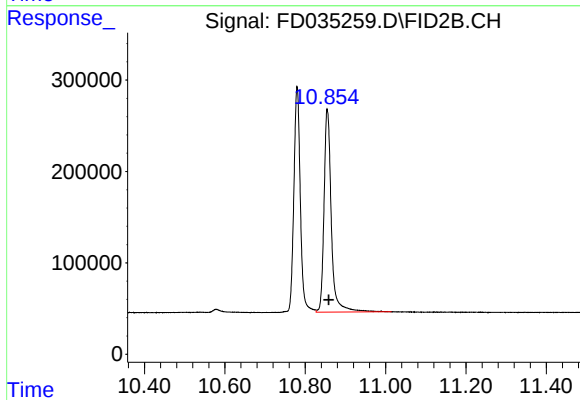
R.T.: 9.383 min
Delta R.T.: -0.003 min
Response: 2758682
Conc: 20.80 ug/ml



#9 Phenanthrene (C19.36)

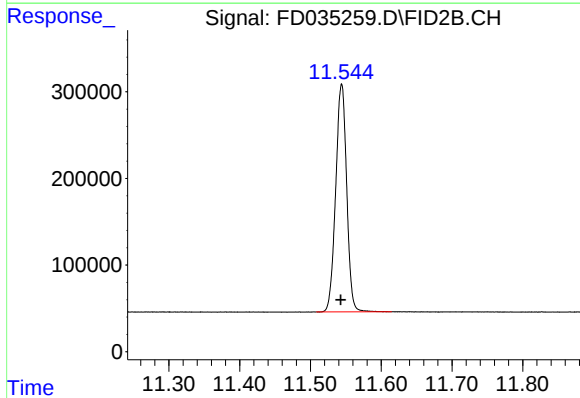
R.T.: 10.780 min
Delta R.T.: -0.002 min
Response: 2742701
Conc: 20.75 ug/ml

Instrument :
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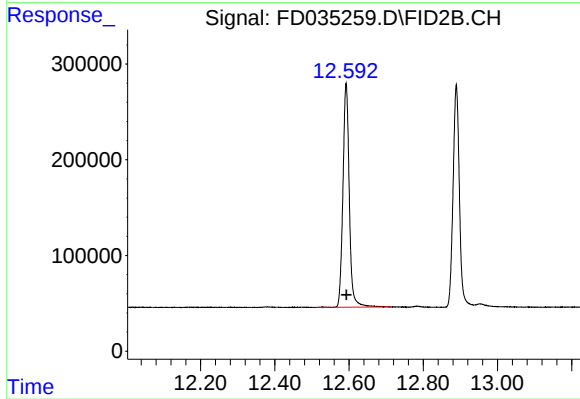
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.003 min
Response: 2803728
Conc: 20.74 ug/ml



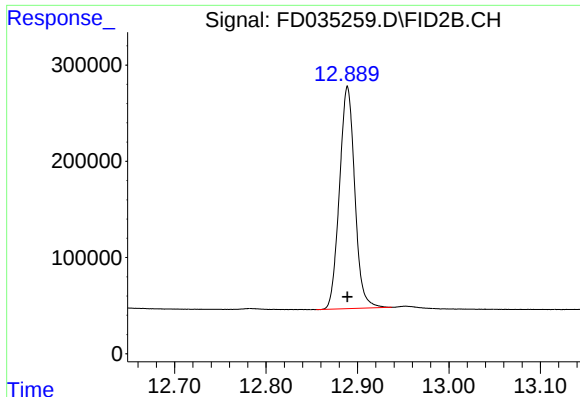
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: 0.001 min
Response: 2837666
Conc: 20.42 ug/ml



#12 Fluoranthene (C21.85)

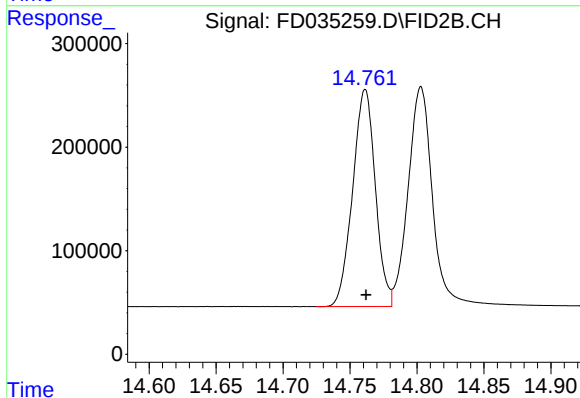
R.T.: 12.592 min
Delta R.T.: 0.000 min
Response: 2783654
Conc: 20.72 ug/ml



#13 Pyrene (C20.8)

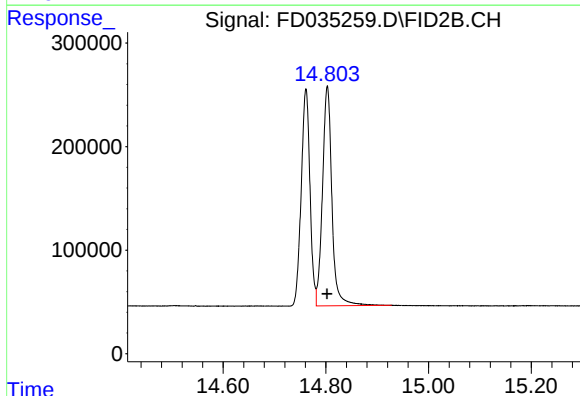
R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 2683250
Conc: 20.18 ug/ml

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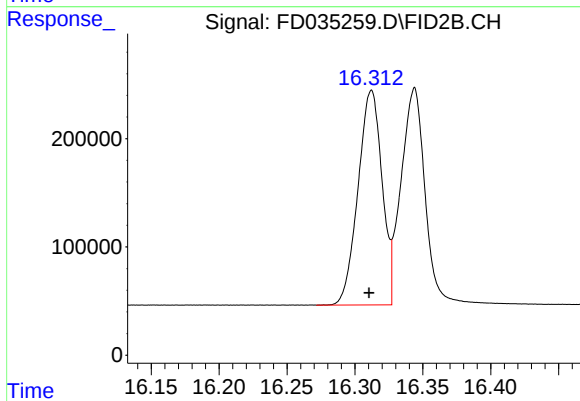
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: 0.000 min
Response: 2472548
Conc: 20.85 ug/ml



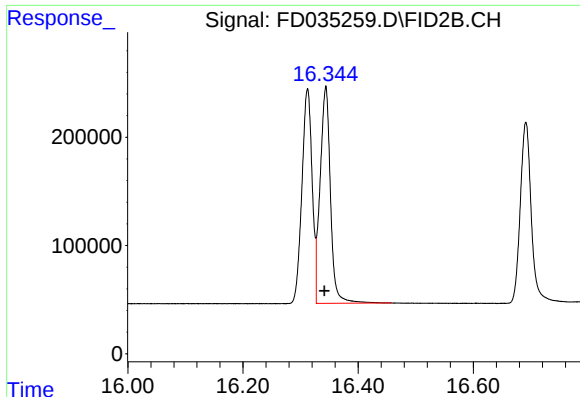
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 2714793
Conc: 20.50 ug/ml



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

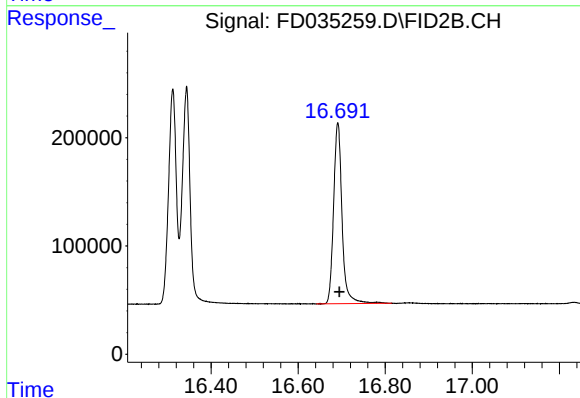
R.T.: 16.312 min
Delta R.T.: 0.001 min
Response: 2441300
Conc: 20.81 ug/ml



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

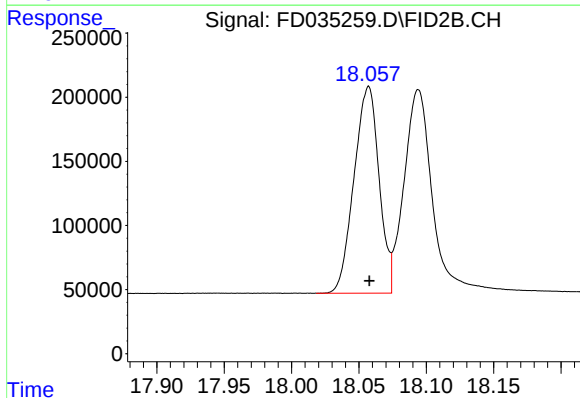
R.T.: 16.344 min
Delta R.T.: 0.003 min
Response: 2494021
Conc: 20.49 ug/ml

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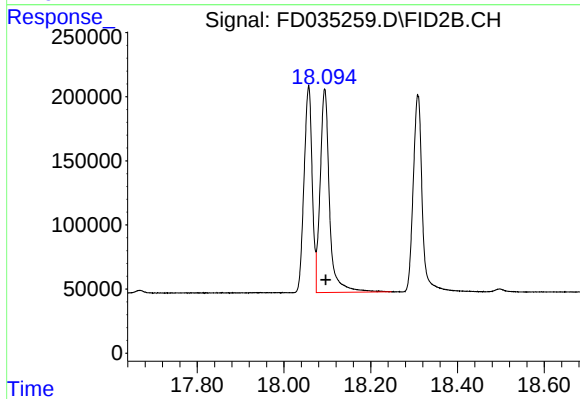
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: -0.004 min
Response: 2262020
Conc: 20.68 ug/ml



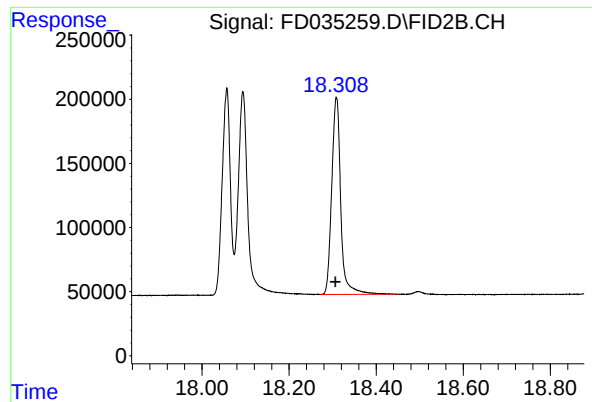
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.001 min
Response: 2083774
Conc: 20.44 ug/ml



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

R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 2382049
Conc: 20.83 ug/ml



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

R.T.: 18.309 min
Delta R.T.: 0.002 min
Response: 2211727
Conc: 20.66 ug/ml

Instrument :
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