

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042520AR\
 Data File : FD033246.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2020 15:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 03:35:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.596	3058599	20.846 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
6) S 2-Fluorobiphenyl (SURR)	8.459	1993447	20.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.87%
11) S ortho-Terphenyl (SURR)	11.492	3120964	19.529 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	3464707	22.305 ug/mlm
2) T Naphthalene (C11.7)	5.939	3457363	21.190 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	3371819	20.895 ug/ml
5) T Acenaphthylene (C15.06)	8.262	3146038	20.337 ug/ml
7) T Acenaphthene (C15.5)	8.556	3297805	20.494 ug/ml
8) T Flouorene (C16.55)	9.336	3161199	20.334 ug/ml
9) T Phenanthrene (C19.36)	10.731	3044971	19.439 ug/ml
10) T Anthracene (C19.43)	10.806	2847008	18.692 ug/ml
12) T Fluoranthene (C21.85)	12.543	3023293	19.184 ug/ml
13) T Pyrene (C20.8)	12.840	3000573	19.215 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2919585	20.510 ug/ml
15) T Chrysene (C27.41)	14.754	3006954	20.379 ug/ml
16) T benzo[b]fluoranthene ...	16.265	3074729	22.528 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.298	3025234	21.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	3001873	22.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	2952104	24.457 ug/mlm
20) T Dibenz[a,h]anthracene...	18.051	3091461	24.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	3009859	24.869 ug/ml

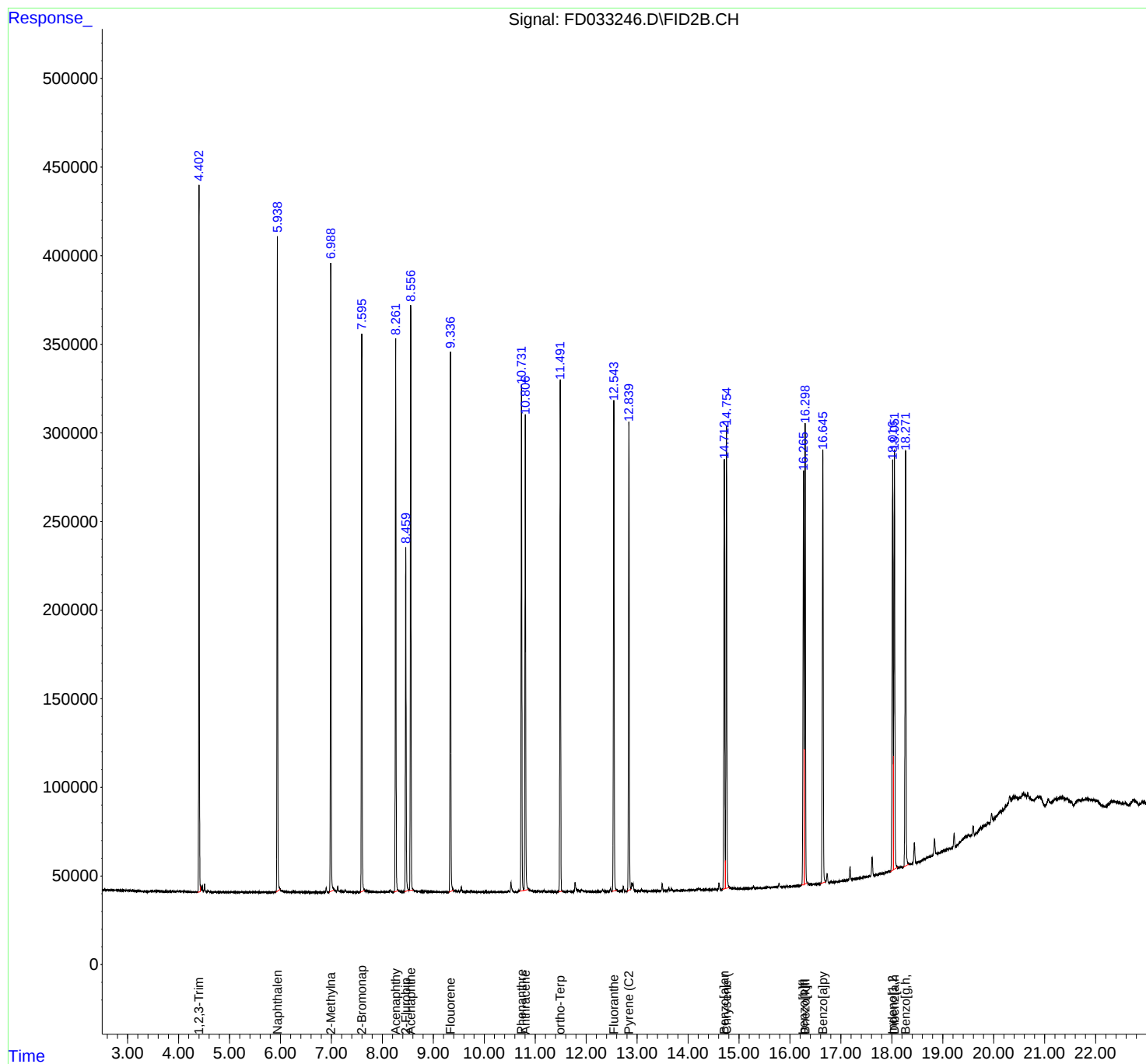
(f)=RT Delta > 1/2 Window

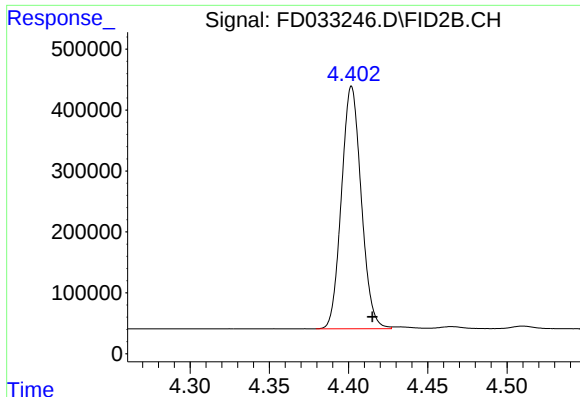
(m)=manual int.

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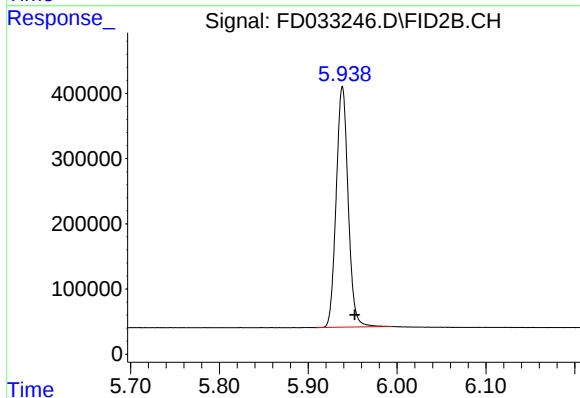
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Signal Info : 20M x 0.18mm x 0.18µm





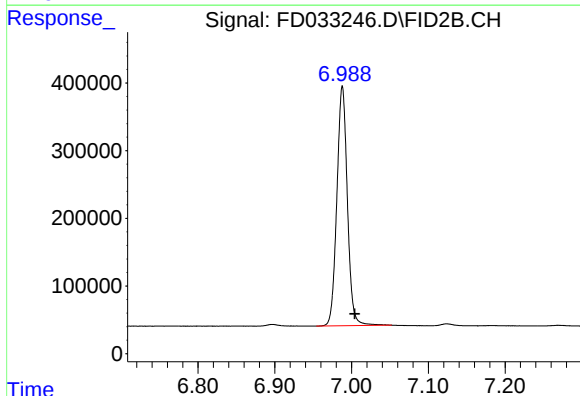
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.402 min
Delta R.T.: -0.013 min
Response: 3464707
Conc: 22.31 ug/ml m



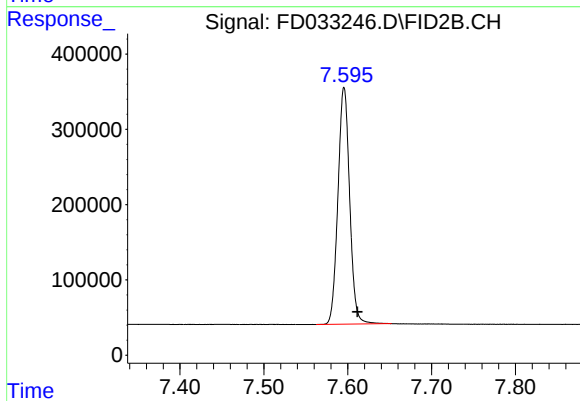
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.014 min
Response: 3457363
Conc: 21.19 ug/ml



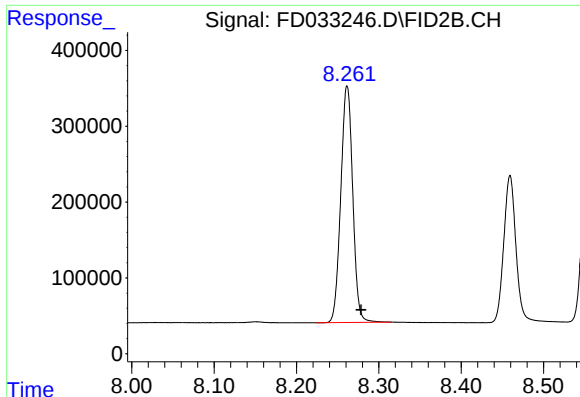
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 3371819
Conc: 20.89 ug/ml



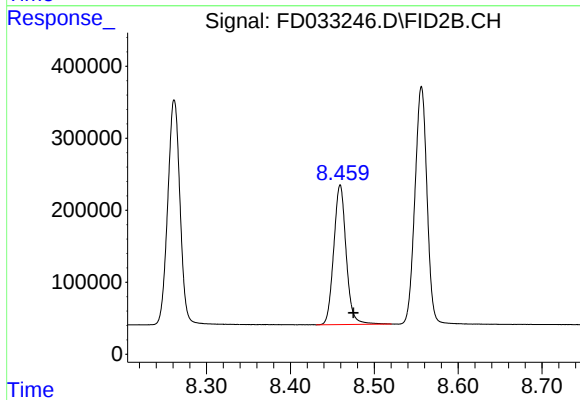
#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.016 min
Response: 3058599
Conc: 20.85 ug/ml



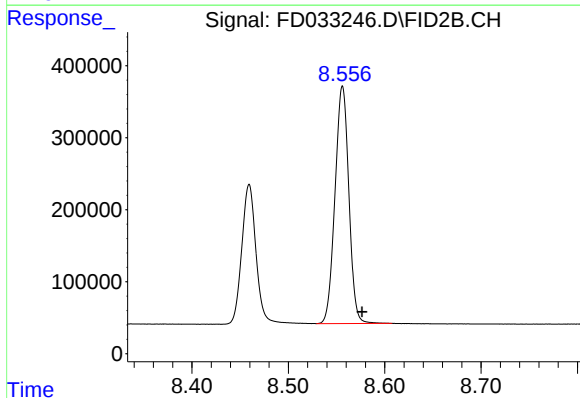
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 3146038
Conc: 20.34 ug/ml



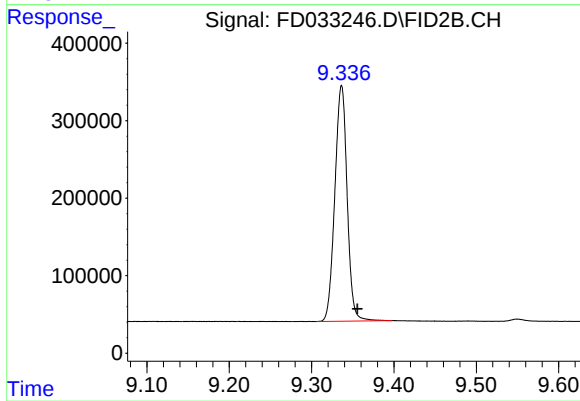
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.016 min
Response: 1993447
Conc: 20.43 ug/ml



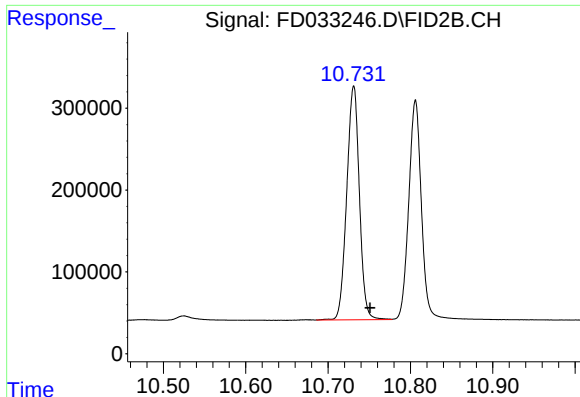
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 3297805
Conc: 20.49 ug/ml



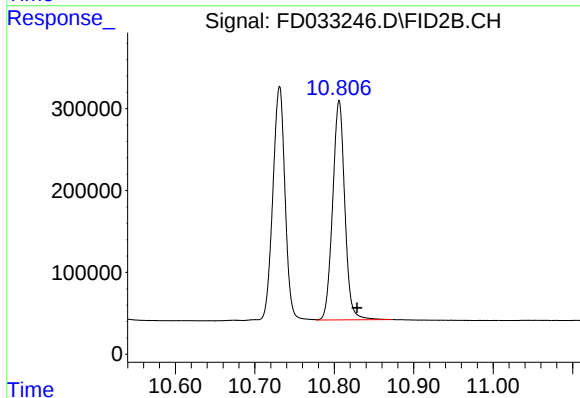
#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: -0.019 min
Response: 3161199
Conc: 20.33 ug/ml



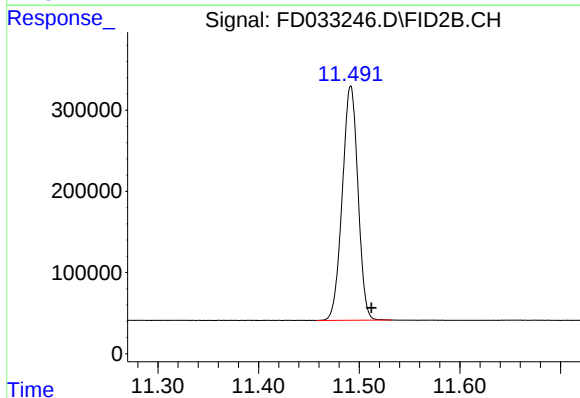
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.020 min
Response: 3044971
Conc: 19.44 ug/ml



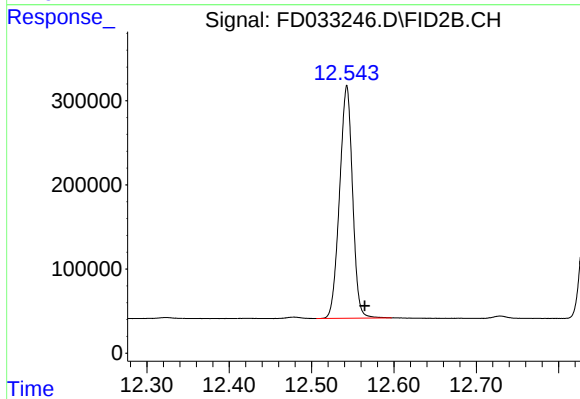
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.022 min
Response: 2847008
Conc: 18.69 ug/ml



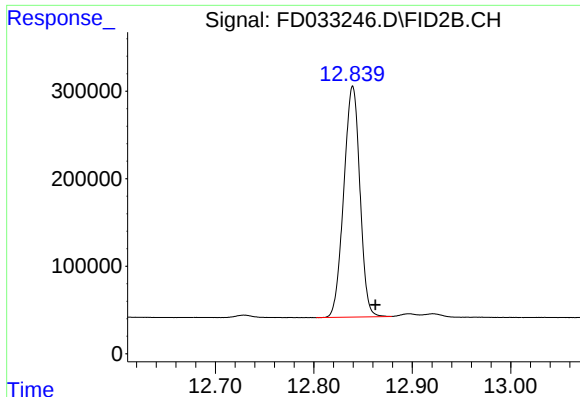
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.020 min
Response: 3120964
Conc: 19.53 ug/ml



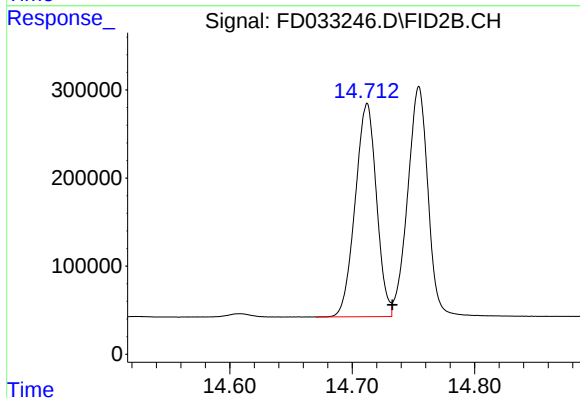
#12 Fluoranthene (C21.85)

R.T.: 12.543 min
Delta R.T.: -0.022 min
Response: 3023293
Conc: 19.18 ug/ml



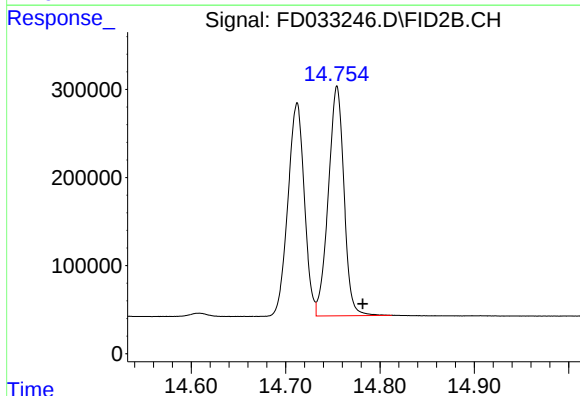
#13 Pyrene (C20.8)

R.T.: 12.840 min
Delta R.T.: -0.023 min
Response: 3000573
Conc: 19.21 ug/ml



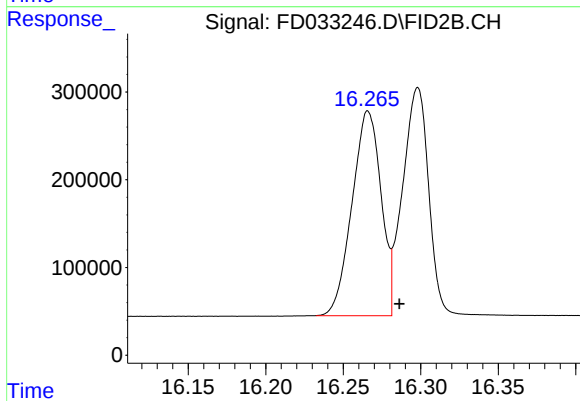
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.021 min
Response: 2919585
Conc: 20.51 ug/ml



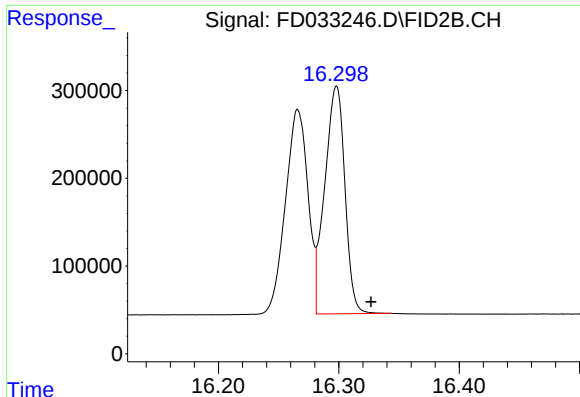
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.027 min
Response: 3006954
Conc: 20.38 ug/ml



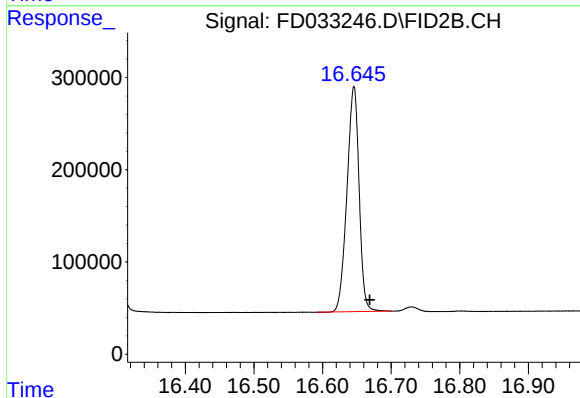
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.265 min
Delta R.T.: -0.021 min
Response: 3074729
Conc: 22.53 ug/ml m



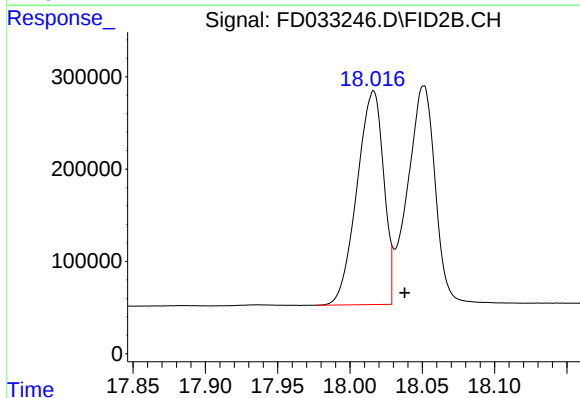
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.298 min
Delta R.T.: -0.029 min
Response: 3025234
Conc: 21.98 ug/ml



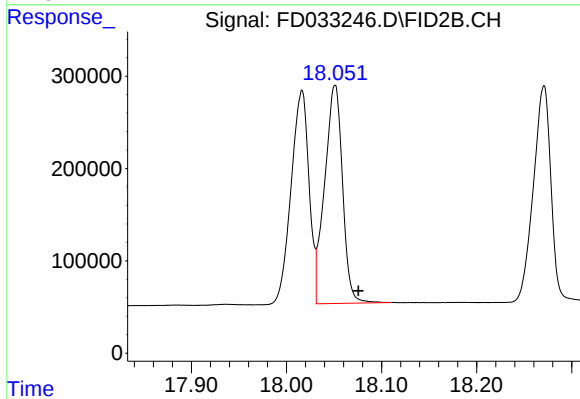
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.023 min
Response: 3001873
Conc: 22.66 ug/ml



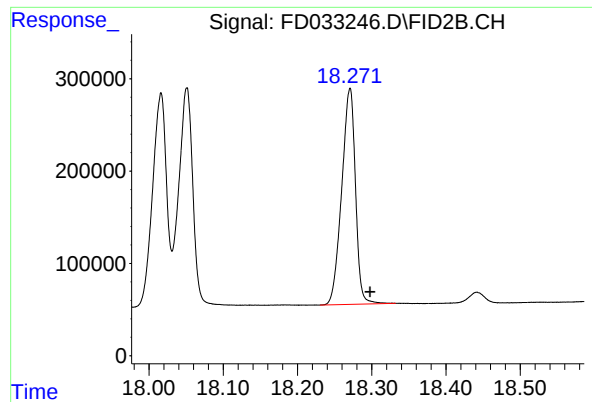
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.022 min
Response: 2952104
Conc: 24.46 ug/ml m



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

R.T.: 18.051 min
Delta R.T.: -0.025 min
Response: 3091461
Conc: 24.68 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.027 min
Response: 3009859
Conc: 24.87 ug/ml