

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042520AR\
 Data File : FD033249.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2020 18:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 03:36:28 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...	7.595	3106152	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
6) S 2-Fluorobiphenyl (SURR)	8.459	2016820	20.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.35%
11) S ortho-Terphenyl (SURR)	11.492	3170126	19.836 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	3058170	19.688 ug/ml
2) T Naphthalene (C11.7)	5.938	3520369	21.576 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	3425820	21.230 ug/ml
5) T Acenaphthylene (C15.06)	8.261	3192242	20.636 ug/ml
7) T Acenaphthene (C15.5)	8.556	3349738	20.817 ug/ml
8) T Fluorene (C16.55)	9.336	3205665	20.620 ug/ml
9) T Phenanthrene (C19.36)	10.731	3083355	19.684 ug/ml
10) T Anthracene (C19.43)	10.806	2879490	18.905 ug/ml
12) T Fluoranthene (C21.85)	12.542	3055015	19.385 ug/ml
13) T Pyrene (C20.8)	12.839	3026327	19.380 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2937949	20.639 ug/ml
15) T Chrysene (C27.41)	14.754	3030615	20.539 ug/ml
16) T benzo[b]fluoranthene ...	16.298	3044685	22.308 ug/ml
17) T Bnezo[k]fluoranthene ...	16.298	3044685	22.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	3020349	22.800 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	3107463	25.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	3107463	24.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	3025179	24.996 ug/ml

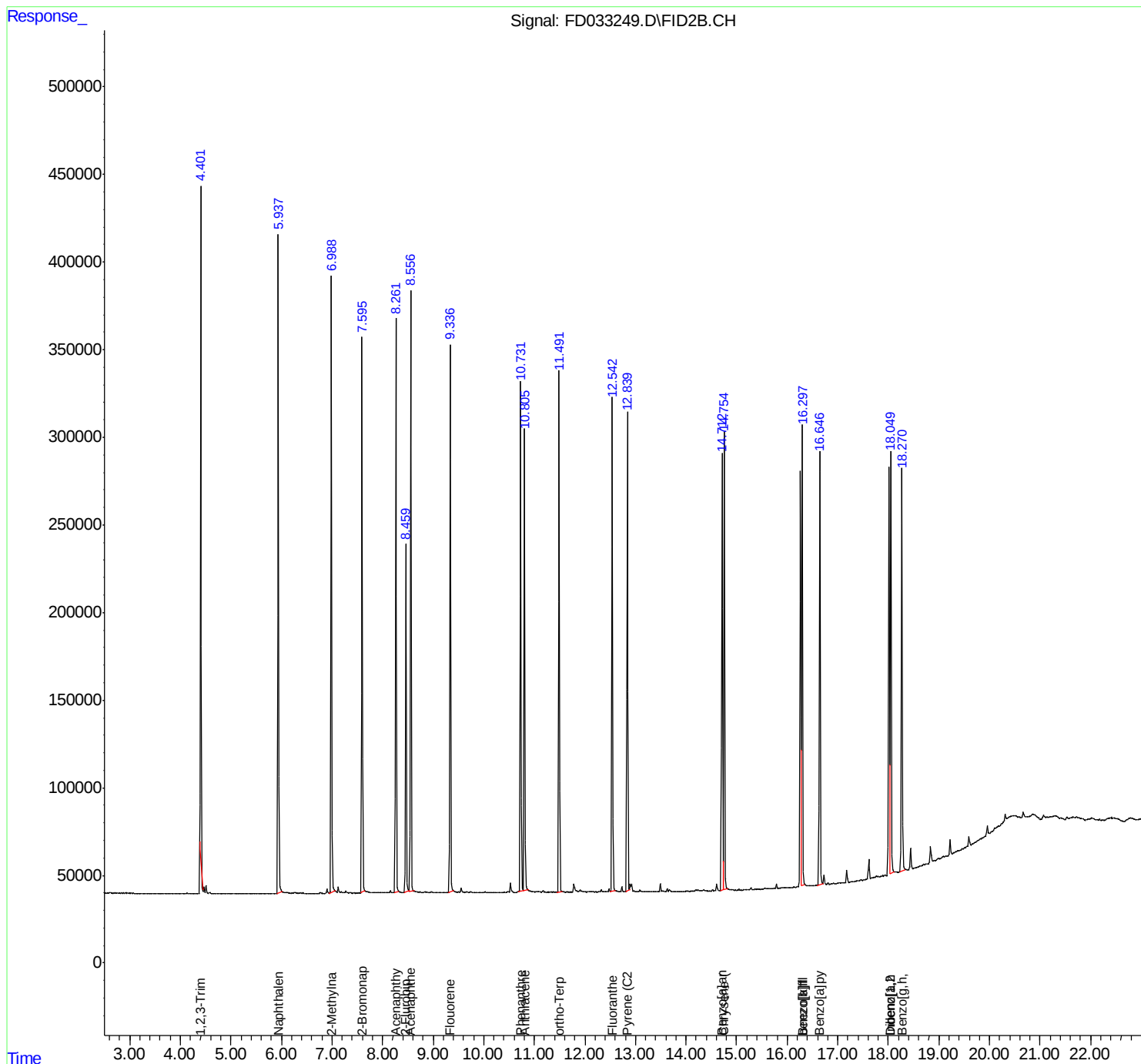
(f)=RT Delta > 1/2 Window

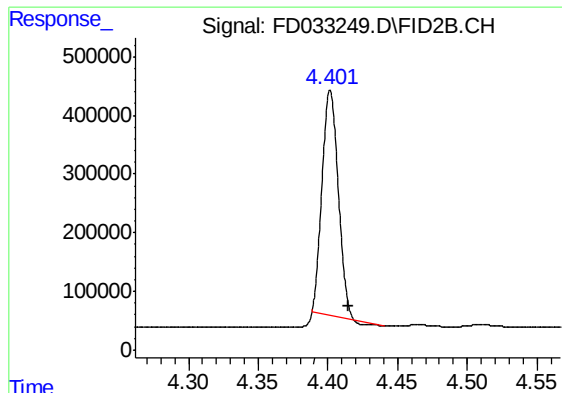
(m)=manual int.

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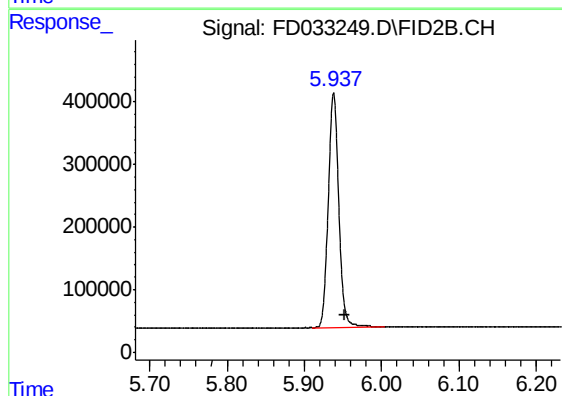
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





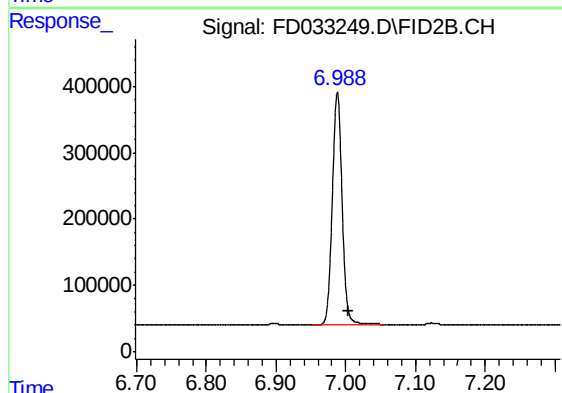
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.402 min
Delta R.T.: -0.013 min
Response: 3058170
Conc: 19.69 ug/ml



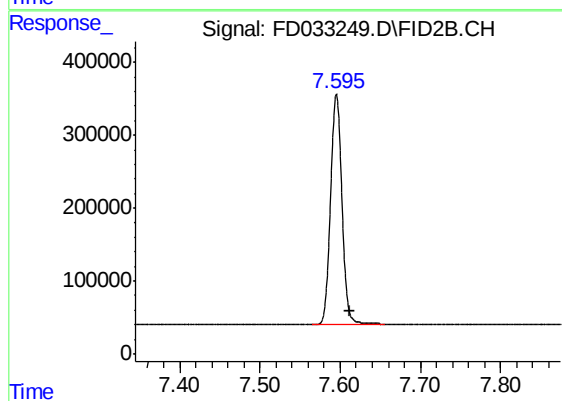
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.014 min
Response: 3520369
Conc: 21.58 ug/ml



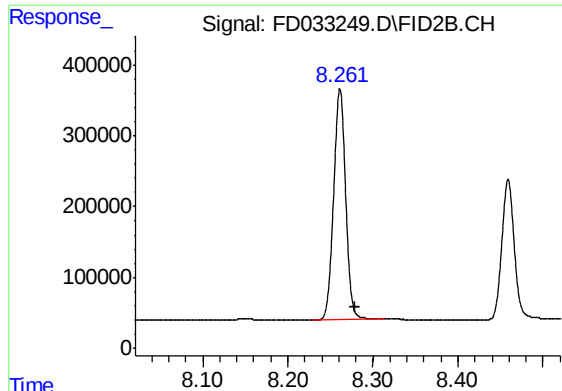
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 3425820
Conc: 21.23 ug/ml



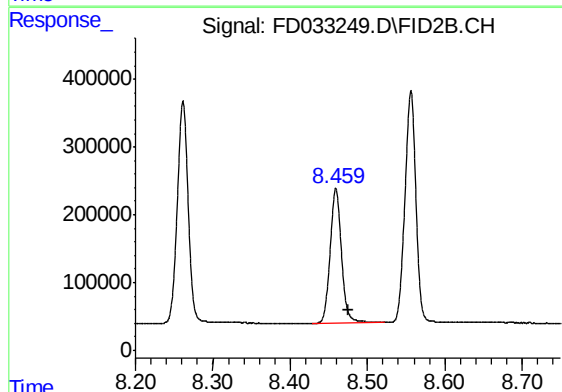
#4 2-Bromonaphthalene (SURR)

R.T.: 7.595 min
Delta R.T.: -0.016 min
Response: 3106152
Conc: 21.17 ug/ml



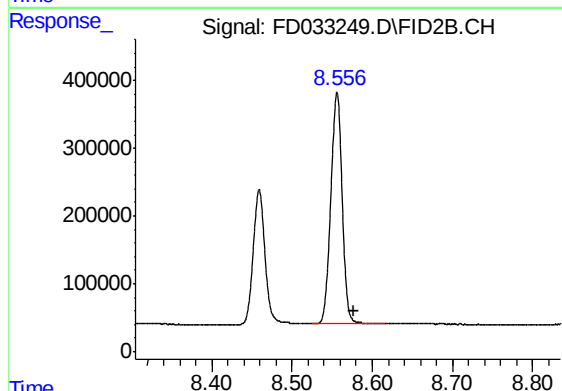
#5 Acenaphthylene (C15.06)

R.T.: 8.261 min
Delta R.T.: -0.017 min
Response: 3192242
Conc: 20.64 ug/ml



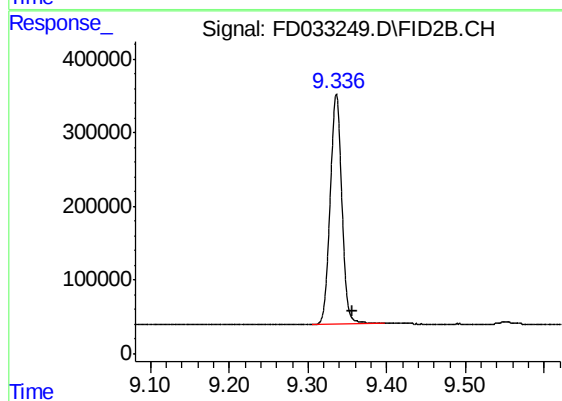
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.016 min
Response: 2016820
Conc: 20.67 ug/ml



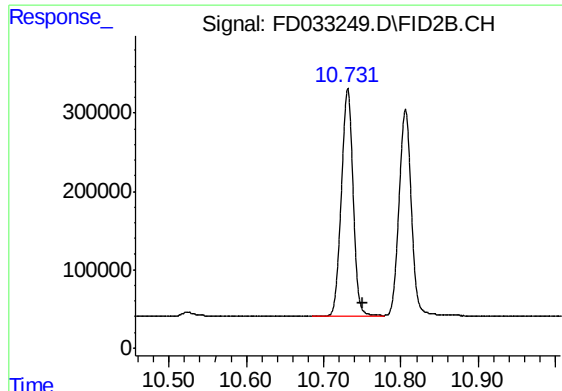
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 3349738
Conc: 20.82 ug/ml



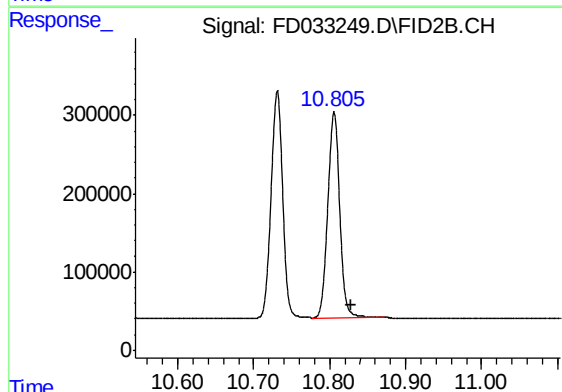
#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: -0.020 min
Response: 3205665
Conc: 20.62 ug/ml



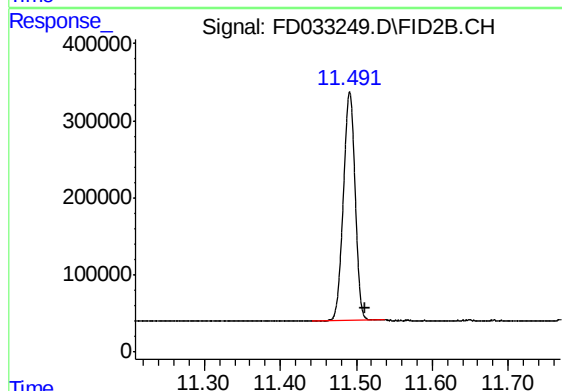
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.020 min
Response: 3083355
Conc: 19.68 ug/ml



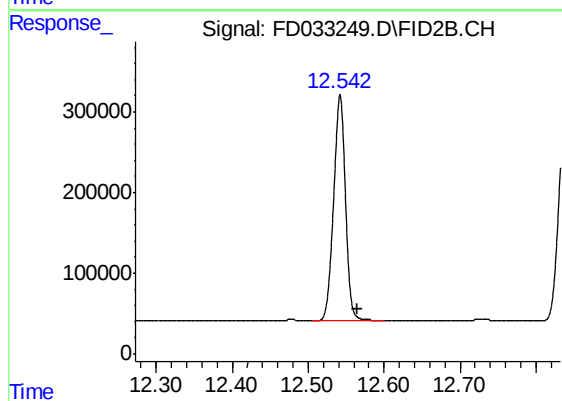
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.023 min
Response: 2879490
Conc: 18.91 ug/ml



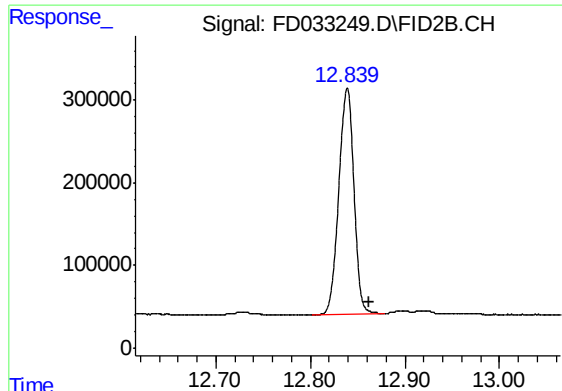
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.021 min
Response: 3170126
Conc: 19.84 ug/ml



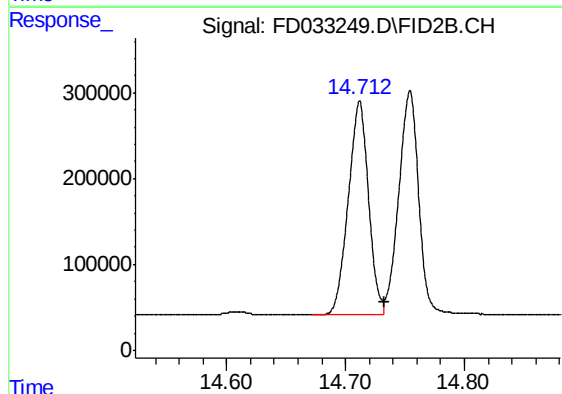
#12 Fluoranthene (C21.85)

R.T.: 12.542 min
Delta R.T.: -0.022 min
Response: 3055015
Conc: 19.38 ug/ml



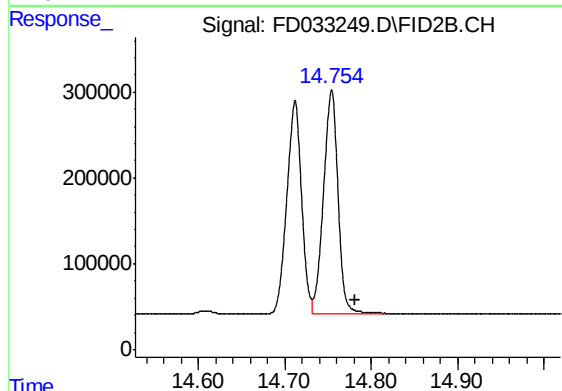
#13 Pyrene (C20.8)

R.T.: 12.839 min
Delta R.T.: -0.023 min
Response: 3026327
Conc: 19.38 ug/ml



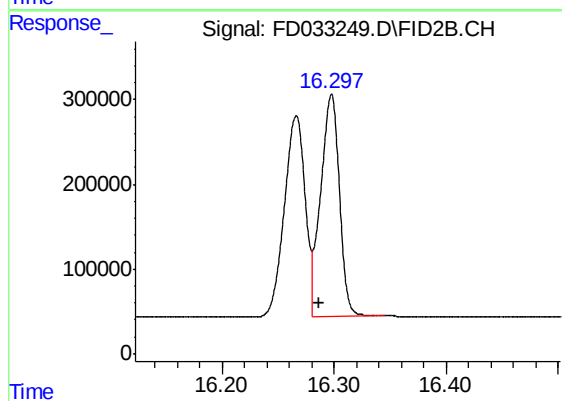
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.021 min
Response: 2937949
Conc: 20.64 ug/ml



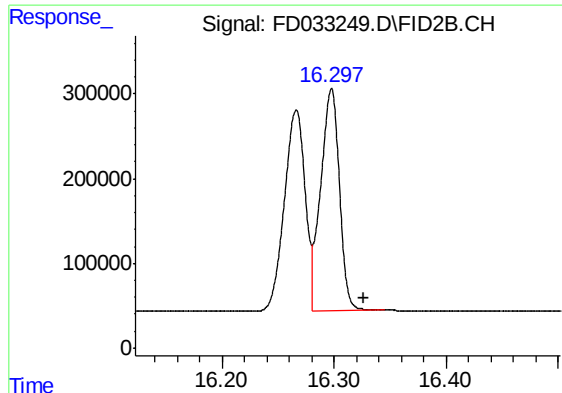
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.027 min
Response: 3030615
Conc: 20.54 ug/ml



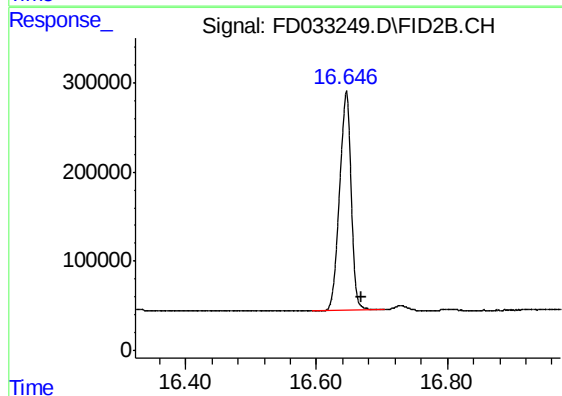
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.298 min
Delta R.T.: 0.011 min
Response: 3044685
Conc: 22.31 ug/ml



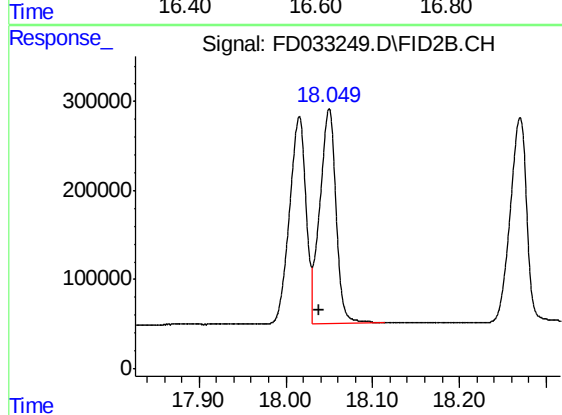
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.298 min
Delta R.T.: -0.029 min
Response: 3044685
Conc: 22.12 ug/ml



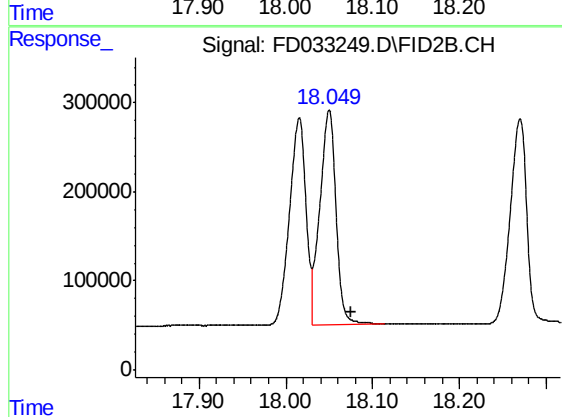
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.023 min
Response: 3020349
Conc: 22.80 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.012 min
Response: 3107463
Conc: 25.74 ug/ml



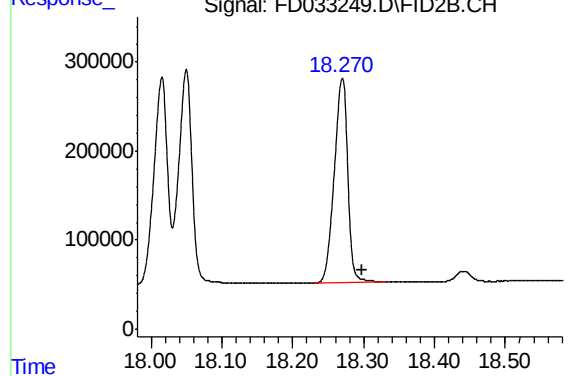
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.050 min
Delta R.T.: -0.026 min
Response: 3107463
Conc: 24.81 ug/ml

Response_

Signal: FD033249.D\FID2B.CH

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



R.T.: 18.270 min
Delta R.T.: -0.028 min
Response: 3025179
Conc: 25.00 ug/ml