

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110519AR\
 Data File : FD031350.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2019 2:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 03:06:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.636	2439414	20.493 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
6) S 2-Fluorobiphenyl (SURR)	8.496	1691782	20.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.07%
11) S ortho-Terphenyl (SURR)	11.537	2628447	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2453062	20.437 ug/ml
2) T Naphthalene (C11.7)	5.975	2646026	20.551 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2647979	20.618 ug/ml
5) T Acenaphthylene (C15.06)	8.300	2576816	20.469 ug/ml
7) T Acenaphthene (C15.5)	8.595	2684648	20.504 ug/ml
8) T Flouorene (C16.55)	9.374	2685755	20.542 ug/ml
9) T Phenanthrene (C19.36)	10.768	2714651	20.603 ug/ml
10) T Anthracene (C19.43)	10.842	2639871	20.473 ug/ml
12) T Fluoranthene (C21.85)	12.577	2720970	20.532 ug/ml
13) T Pyrene (C20.8)	12.874	2709561	20.574 ug/ml
14) T Benzo[a]anthracene (C...	14.743	2596158	20.509 ug/mlm
15) T Chrysene (C27.41)	14.785	2602033	20.515 ug/ml
16) T benzo[b]fluoranthene ...	16.289	2606138	20.761 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.322	2581584	20.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2559726	20.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2505607	20.599 ug/mlm
20) T Dibenz[a,h]anthracene...	18.069	2506387	20.242 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2494634	20.679 ug/ml

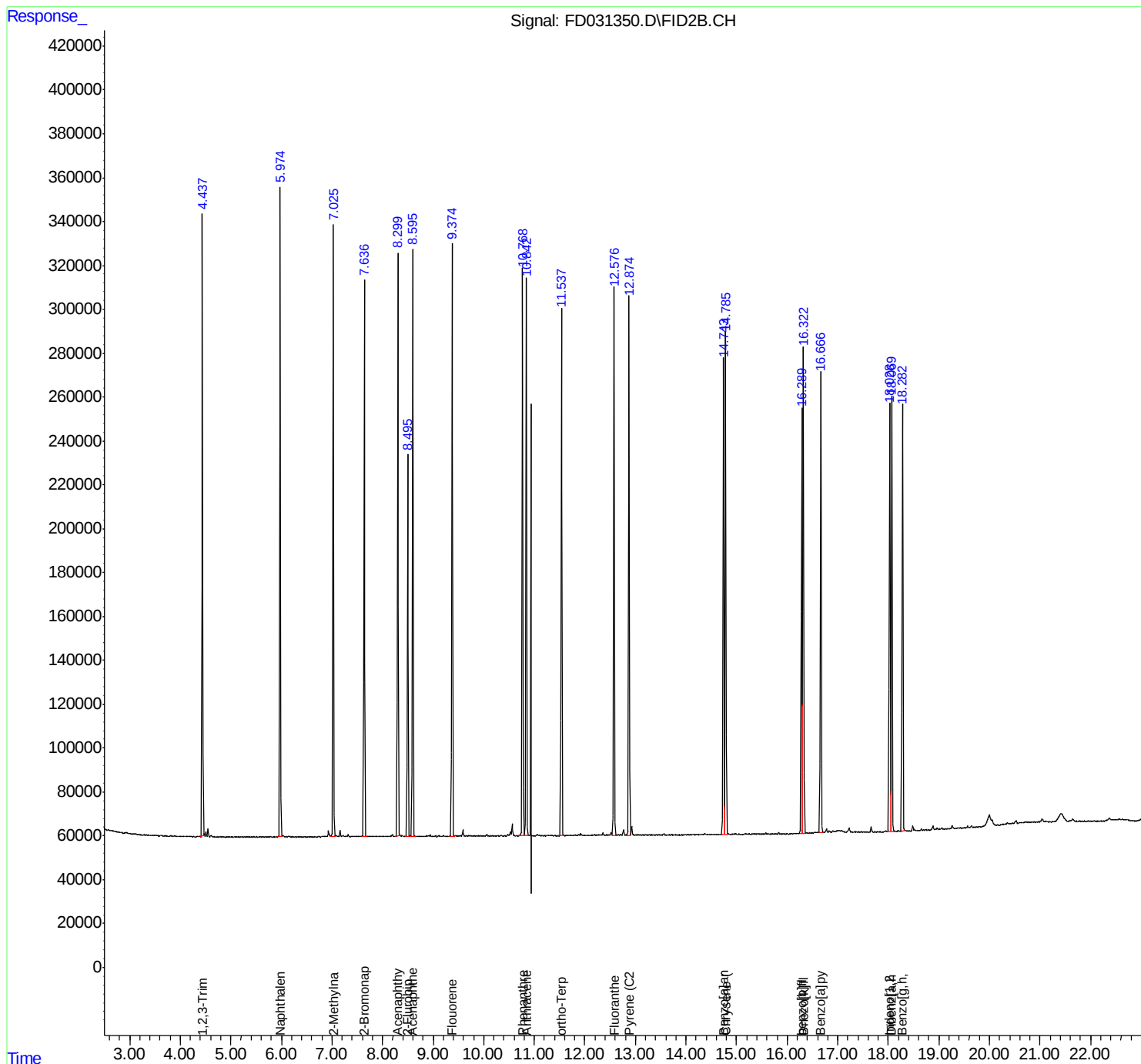
(f)=RT Delta > 1/2 Window

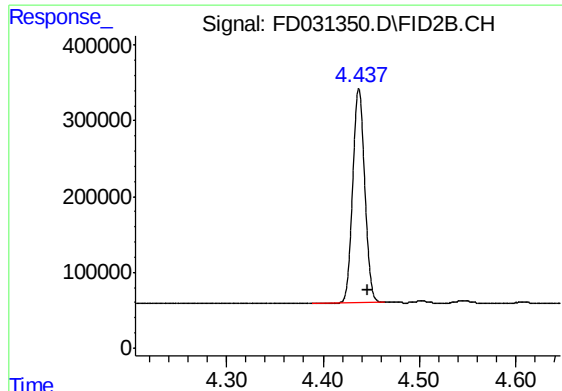
(m)=manual int.

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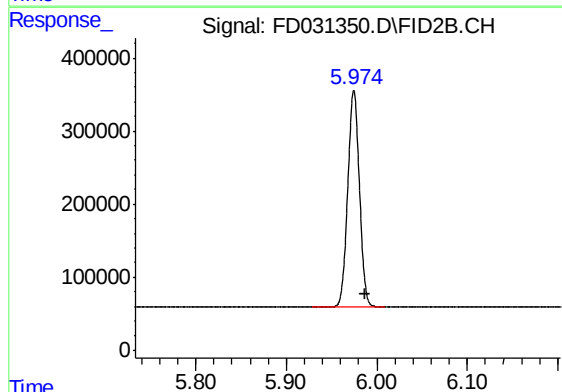
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





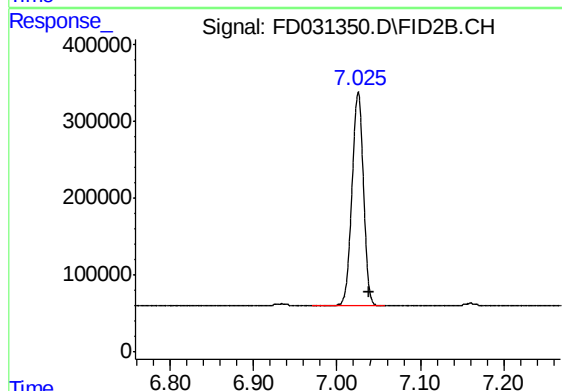
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.010 min
Response: 2453062
Conc: 20.44 ug/ml



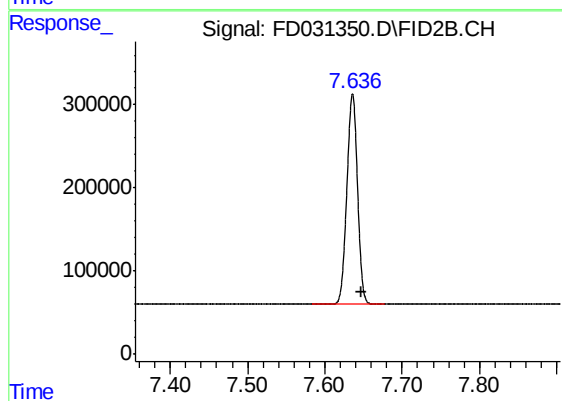
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.012 min
Response: 2646026
Conc: 20.55 ug/ml



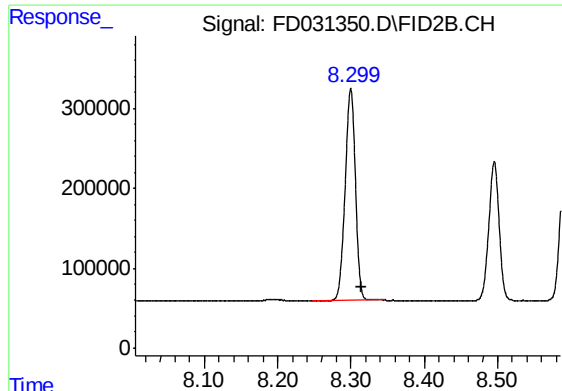
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.013 min
Response: 2647979
Conc: 20.62 ug/ml



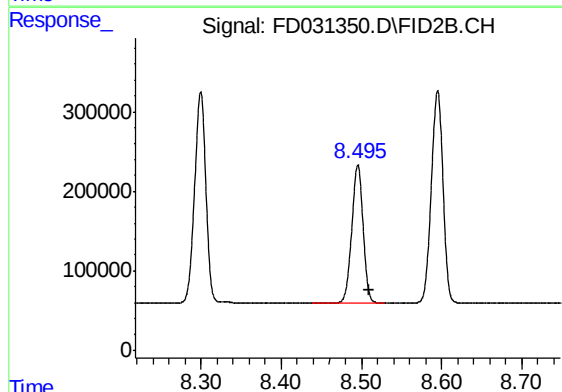
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 2439414
Conc: 20.49 ug/ml



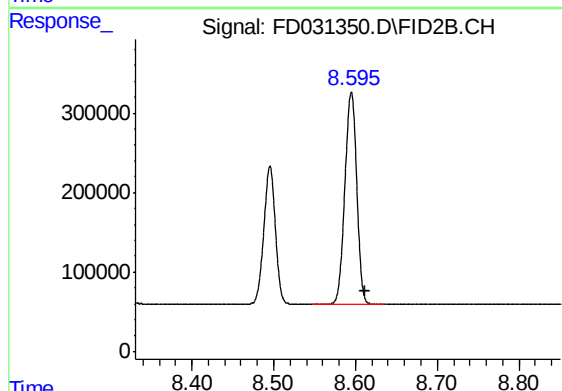
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 2576816
Conc: 20.47 ug/ml



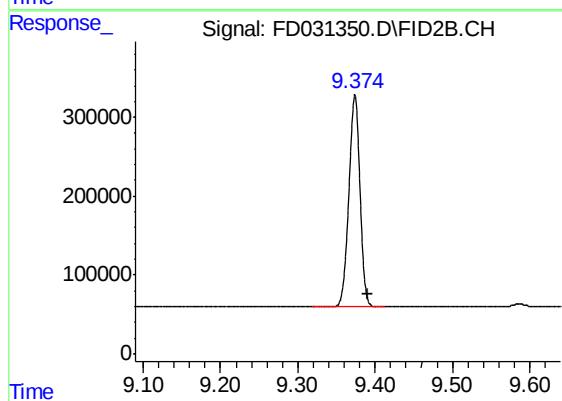
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.014 min
Response: 1691782
Conc: 20.53 ug/ml



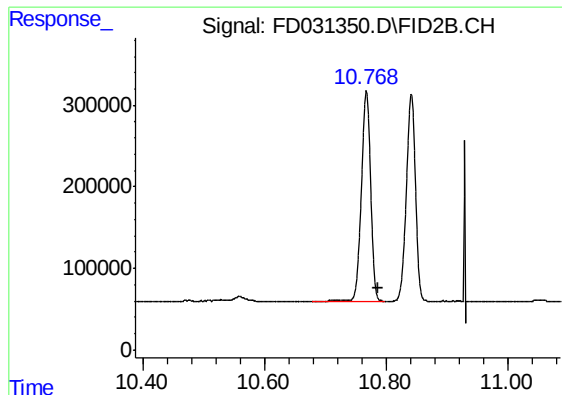
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.017 min
Response: 2684648
Conc: 20.50 ug/ml



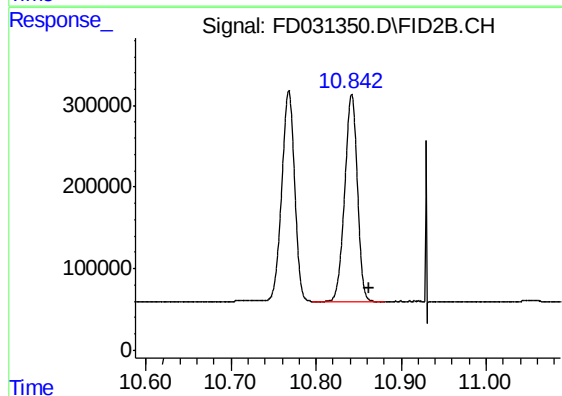
#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.016 min
Response: 2685755
Conc: 20.54 ug/ml



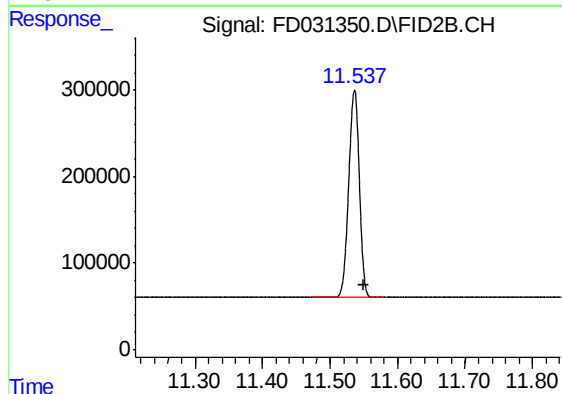
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.018 min
Response: 2714651
Conc: 20.60 ug/ml



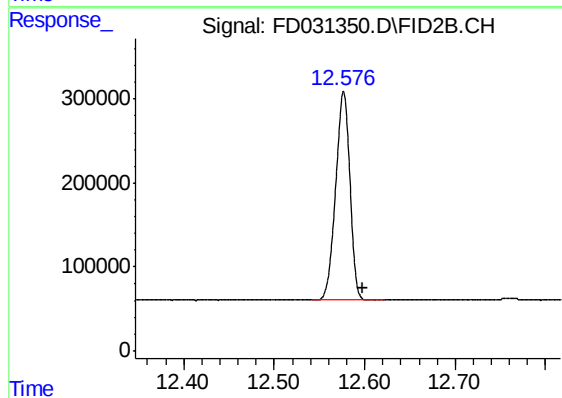
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.021 min
Response: 2639871
Conc: 20.47 ug/ml



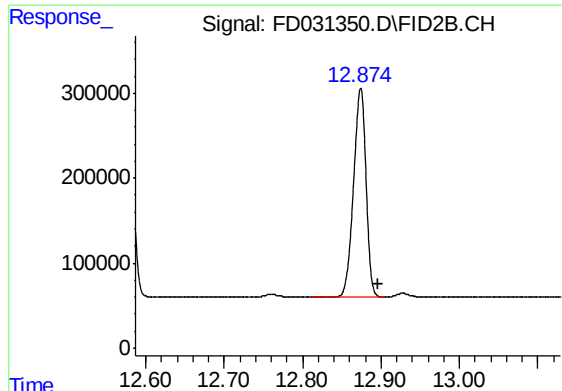
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 2628447
Conc: 20.54 ug/ml



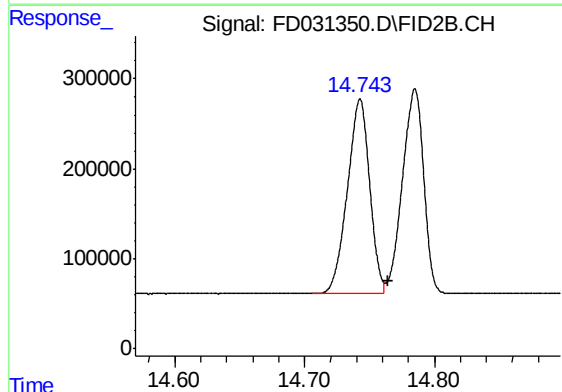
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.021 min
Response: 2720970
Conc: 20.53 ug/ml



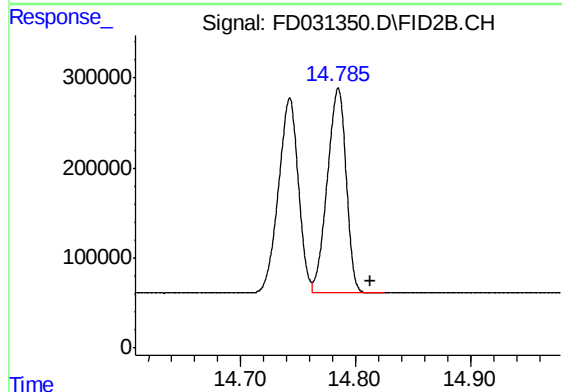
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.022 min
Response: 2709561
Conc: 20.57 ug/ml



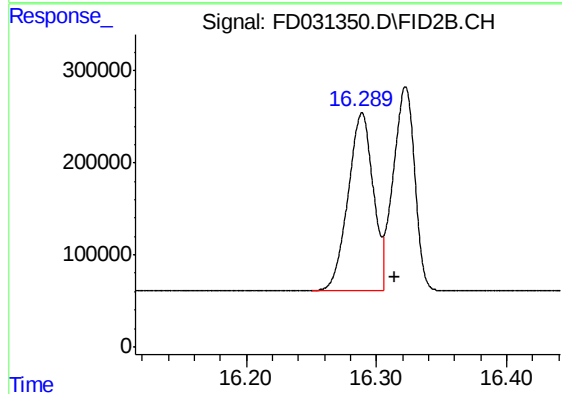
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: -0.022 min
Response: 2596158
Conc: 20.51 ug/ml m



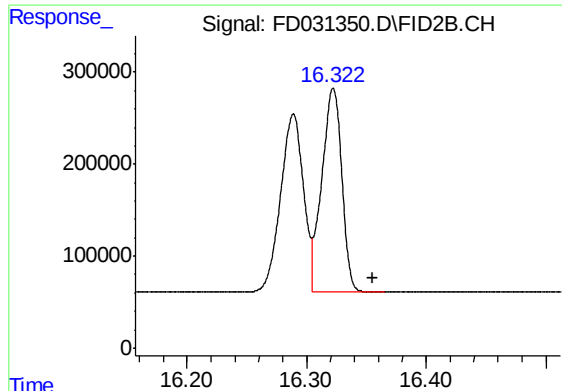
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: -0.028 min
Response: 2602033
Conc: 20.52 ug/ml



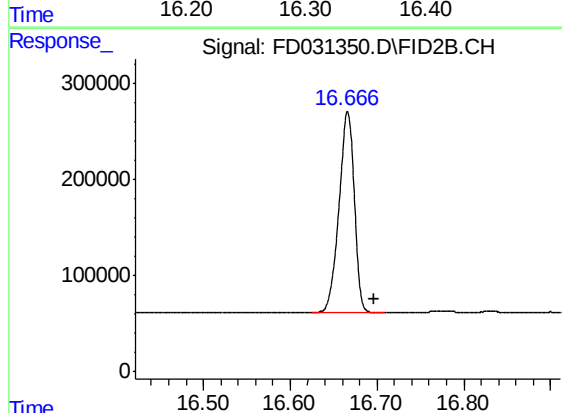
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: -0.025 min
Response: 2606138
Conc: 20.76 ug/ml m



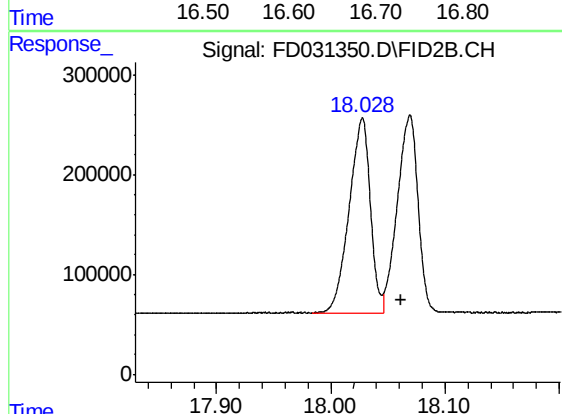
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.033 min
Response: 2581584
Conc: 20.51 ug/ml



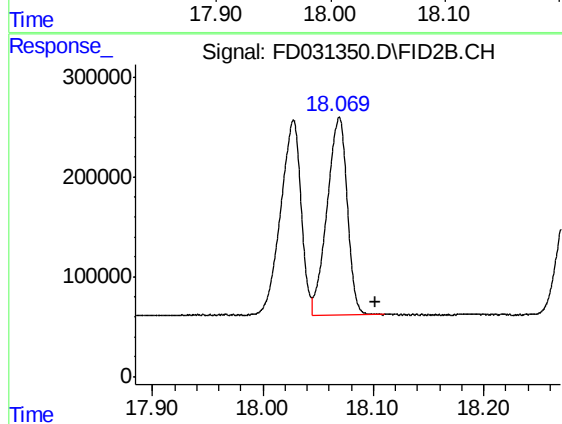
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.031 min
Response: 2559726
Conc: 20.63 ug/ml



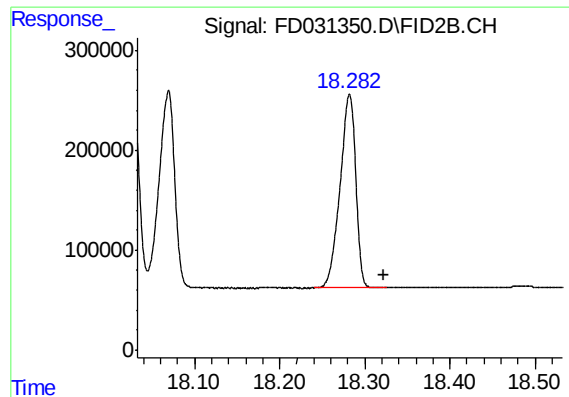
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.034 min
Response: 2505607
Conc: 20.60 ug/ml m



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

R.T.: 18.069 min
Delta R.T.: -0.033 min
Response: 2506387
Conc: 20.24 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.041 min
Response: 2494634
Conc: 20.68 ug/ml