

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035059.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 9:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 10:35:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.661	2443246	20.960 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
6) S 2-Fluorobiphenyl (SURR)	8.526	1650809	20.108 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	11.567	2698451	19.679 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.457	2773008	21.357 ug/ml
2) T Naphthalene (C11.7)	5.999	2894971	21.151 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	2876443	20.971 ug/ml
5) T Acenaphthylene (C15.06)	8.329	2698065	19.928 ug/ml
7) T Acenaphthene (C15.5)	8.624	2808554	20.344 ug/ml
8) T Fluorene (C16.55)	9.405	2681260	19.946 ug/ml
9) T Phenanthrene (C19.36)	10.803	2575648	19.284 ug/ml
10) T Anthracene (C19.43)	10.878	2369819	17.548 ug/ml
12) T Fluoranthene (C21.85)	12.615	2427057	18.443 ug/ml
13) T Pyrene (C20.8)	12.913	2312467	18.063 ug/ml
14) T Benzo[a]anthracene (C...	14.784	2051294	18.019 ug/ml
15) T Chrysene (C27.41)	14.827	2199270	17.956 ug/ml
16) T benzo[b]fluoranthene ...	16.336	2084752	19.450 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.367	2086599	19.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	1932109	19.829 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	2033830	21.954 ug/mlm
20) T Dibenz[a,h]anthracene...	18.118	2202635	21.810 ug/ml
21) T Benzo[g,h,i]perylene ...	18.334	2094547	21.737 ug/ml

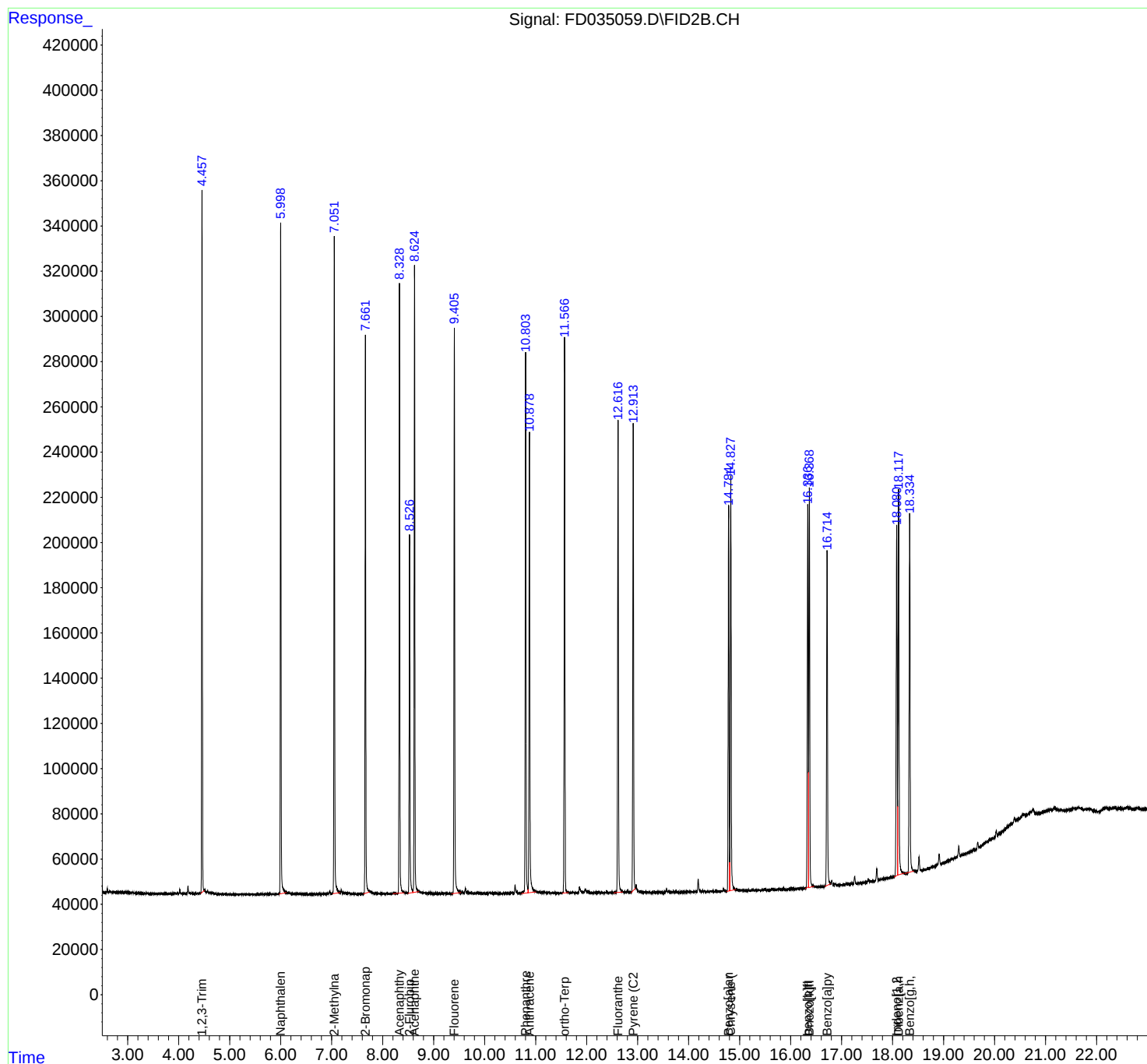
(f)=RT Delta > 1/2 Window

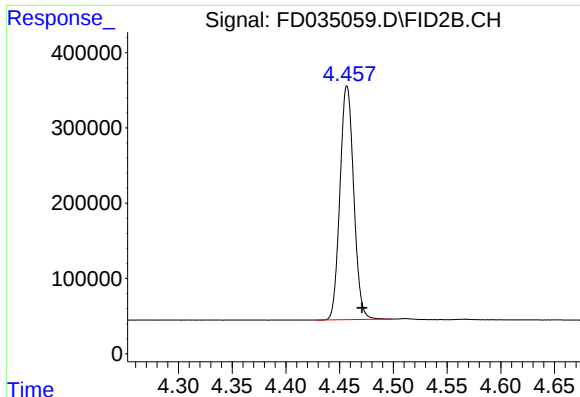
(m)=manual int.

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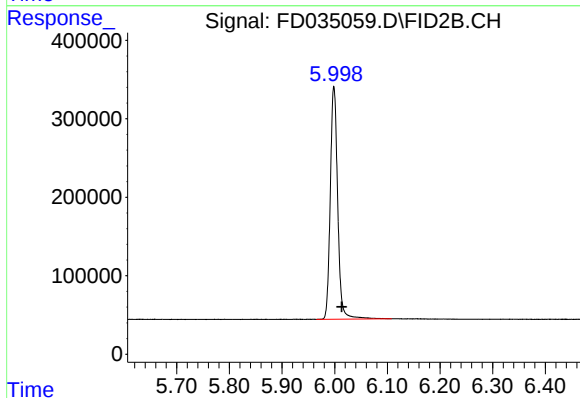
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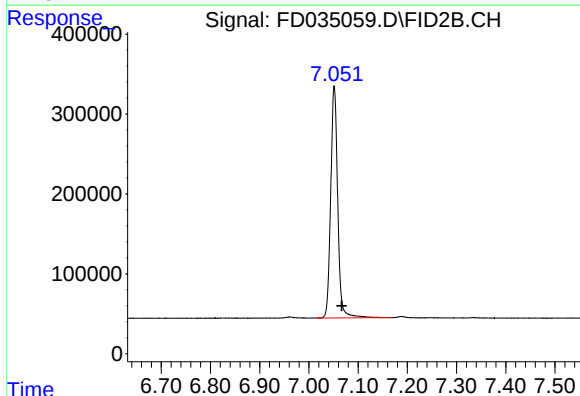
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.457 min
Delta R.T.: -0.014 min
Response: 2773008
Conc: 21.36 ug/ml



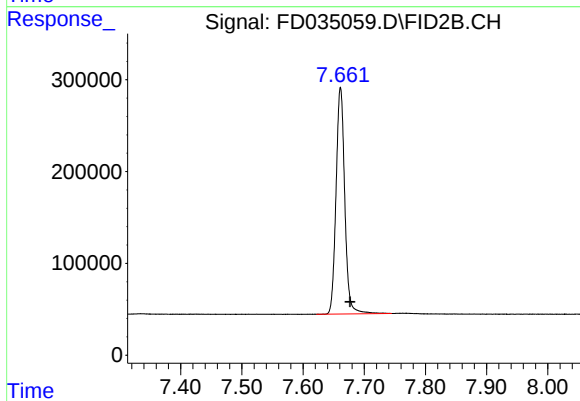
#2 Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.015 min
Response: 2894971
Conc: 21.15 ug/ml



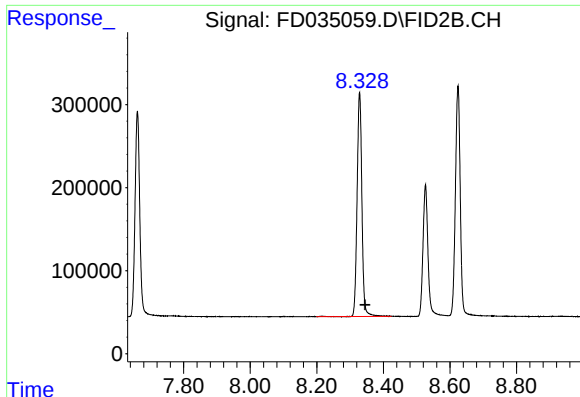
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.015 min
Response: 2876443
Conc: 20.97 ug/ml



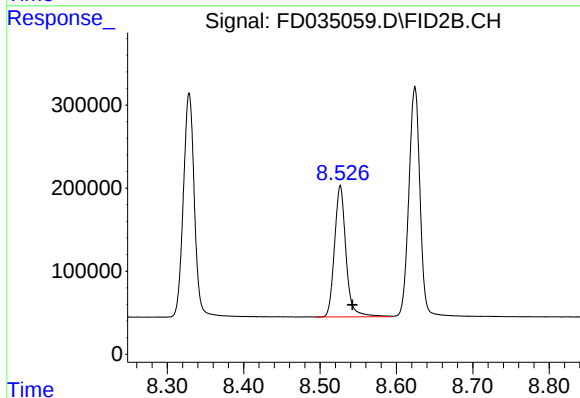
#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.016 min
Response: 2443246
Conc: 20.96 ug/ml



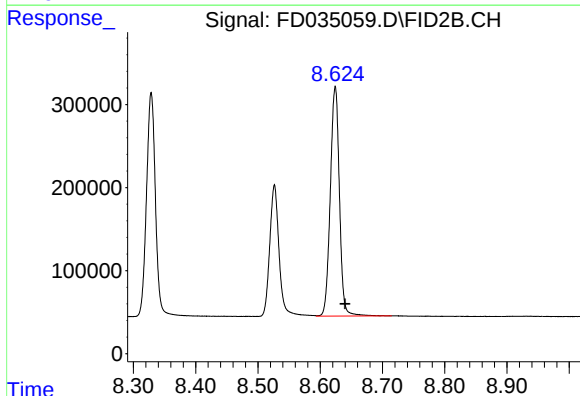
#5 Acenaphthylene (C15.06)

R.T.: 8.329 min
Delta R.T.: -0.016 min
Response: 2698065
Conc: 19.93 ug/ml



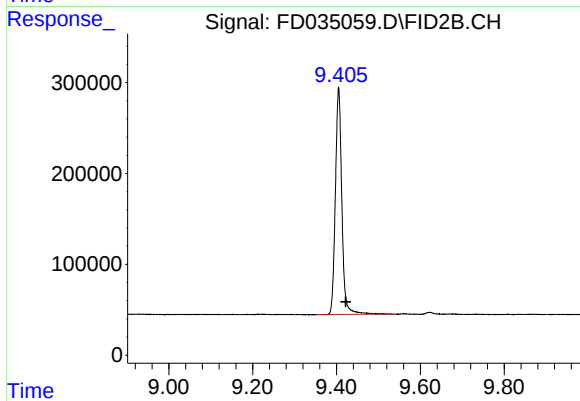
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.526 min
Delta R.T.: -0.016 min
Response: 1650809
Conc: 20.11 ug/ml



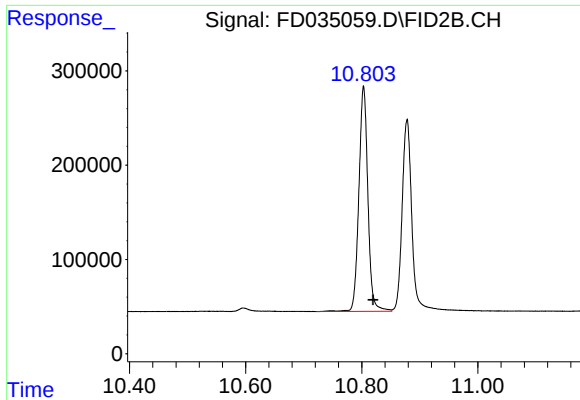
#7 Acenaphthene (C15.5)

R.T.: 8.624 min
Delta R.T.: -0.016 min
Response: 2808554
Conc: 20.34 ug/ml



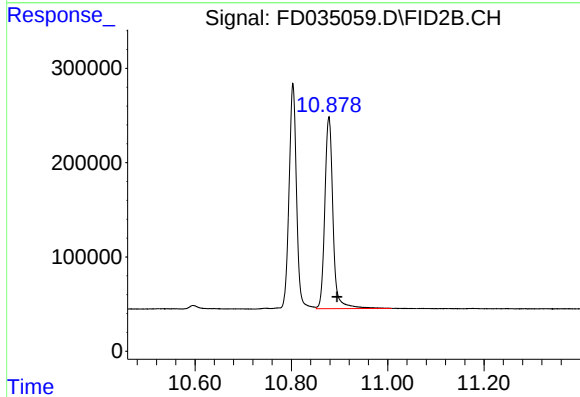
#8 Fluorene (C16.55)

R.T.: 9.405 min
Delta R.T.: -0.017 min
Response: 2681260
Conc: 19.95 ug/ml



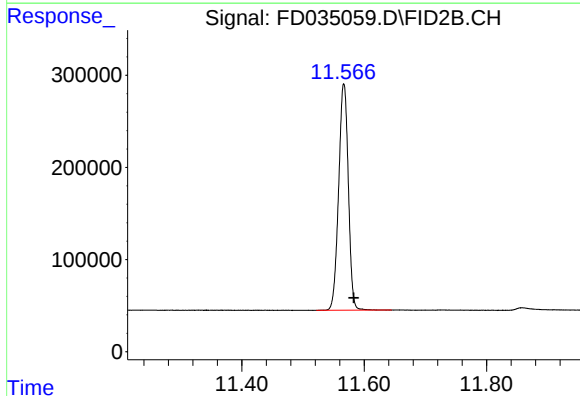
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.016 min
Response: 2575648
Conc: 19.28 ug/ml



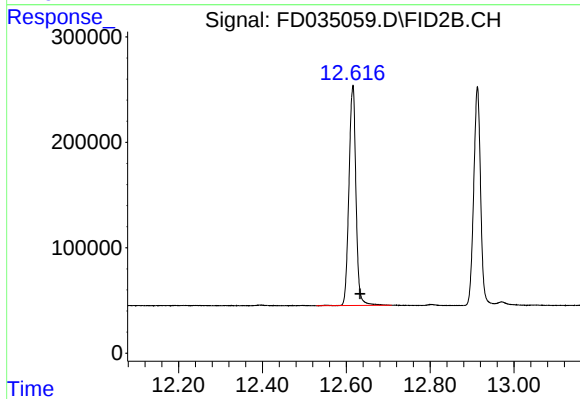
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: -0.017 min
Response: 2369819
Conc: 17.55 ug/ml



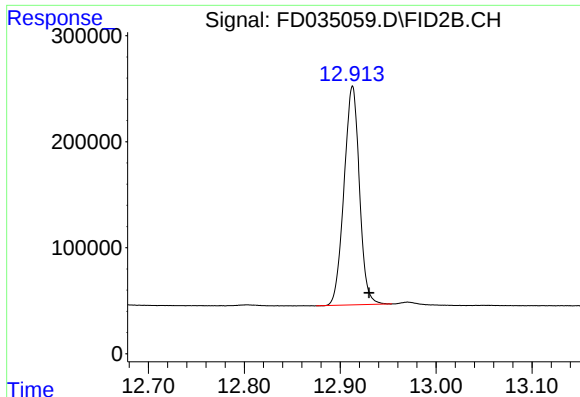
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.016 min
Response: 2698451
Conc: 19.68 ug/ml



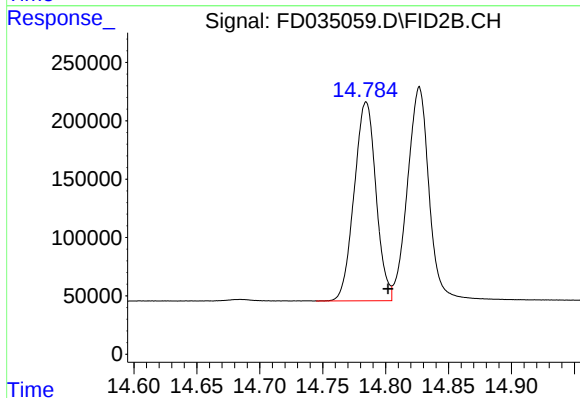
#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: -0.018 min
Response: 2427057
Conc: 18.44 ug/ml



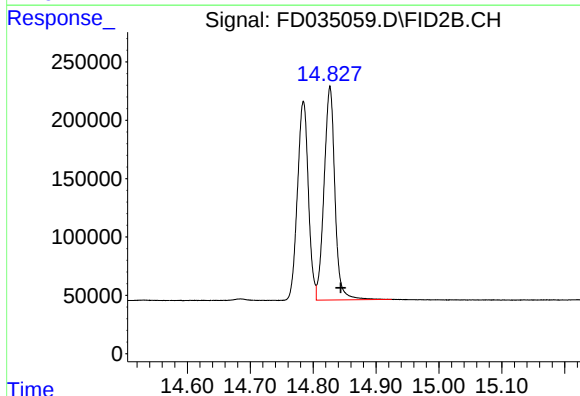
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: -0.017 min
Response: 2312467
Conc: 18.06 ug/ml



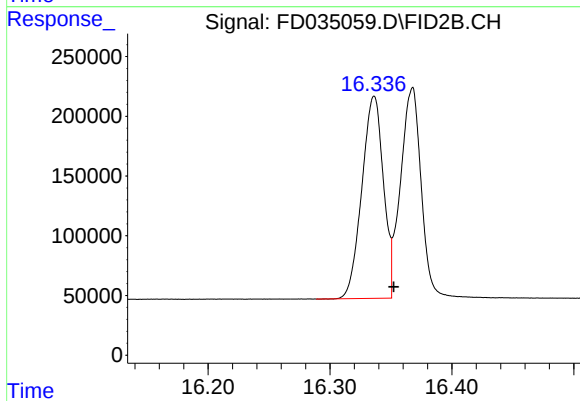
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: -0.018 min
Response: 2051294
Conc: 18.02 ug/ml



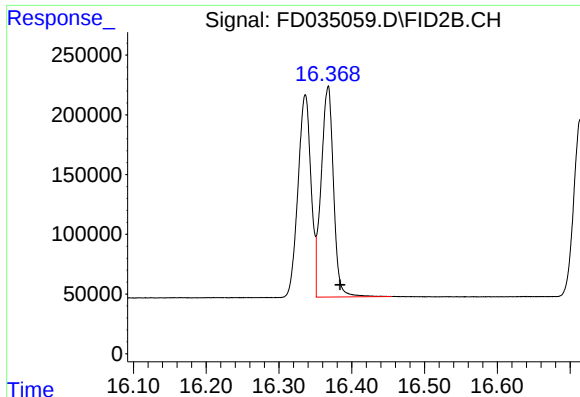
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: -0.017 min
Response: 2199270
Conc: 17.96 ug/ml



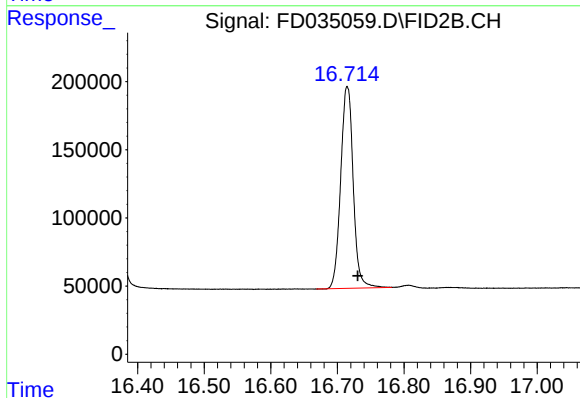
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.336 min
Delta R.T.: -0.016 min
Response: 2084752
Conc: 19.45 ug/ml m



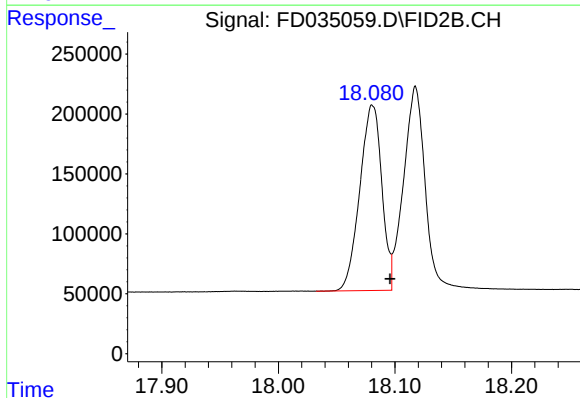
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.367 min
Delta R.T.: -0.017 min
Response: 2086599
Conc: 19.32 ug/ml



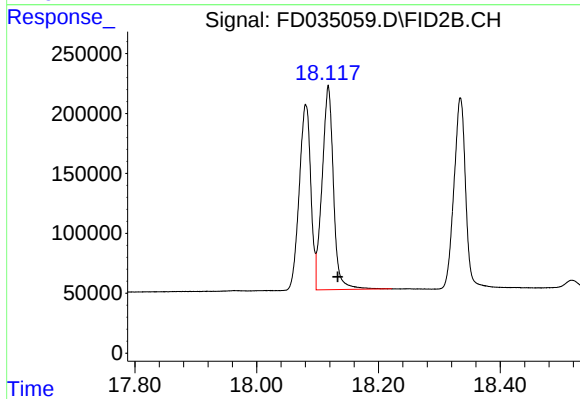
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.715 min
Delta R.T.: -0.016 min
Response: 1932109
Conc: 19.83 ug/ml



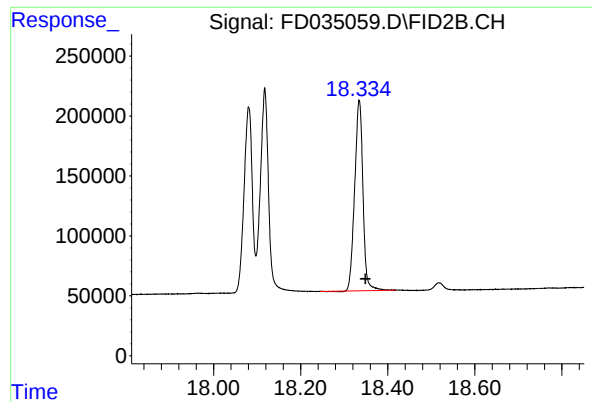
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: -0.016 min
Response: 2033830
Conc: 21.95 ug/ml m



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

R.T.: 18.118 min
Delta R.T.: -0.016 min
Response: 2202635
Conc: 21.81 ug/ml



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

R.T.: 18.334 min
Delta R.T.: -0.015 min
Response: 2094547
Conc: 21.74 ug/ml