

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010721AR\
 Data File : FD035946.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 17:02
 Operator : DD\AJ
 Sample : PB133932BSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 00:55:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.579	5510707	50.497 ug/ml
Spiked Amount 50.000		Recovery =	100.99%
6) S 2-Fluorobiphenyl (SURR)	8.446	3582406	51.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.20%
11) S ortho-Terphenyl (SURR)	11.478	5057530	39.129 ug/ml
Spiked Amount 50.000		Recovery =	78.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.381	4292283	34.451 ug/ml
2) T Naphthalene (C11.7)	5.919	4864192	38.488 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	5025120	39.728 ug/ml
5) T Acenaphthylene (C15.06)	8.245	5299456	41.892 ug/ml
7) T Acenaphthene (C15.5)	8.540	5290217	39.002 ug/ml
8) T Flouorene (C16.55)	9.322	5218895	42.494 ug/ml
9) T Phenanthrene (C19.36)	10.720	5384924	44.153 ug/ml
10) T Anthracene (C19.43)	10.796	5583769	44.616 ug/ml
12) T Fluoranthene (C21.85)	12.533	5380790	44.153 ug/ml
13) T Pyrene (C20.8)	12.831	5254533	42.947 ug/ml
14) T Benzo[a]anthracene (C...	14.706	4769337	48.507 ug/ml
15) T Chrysene (C27.41)	14.749	5965043	48.681 ug/ml
16) T benzo[b]fluoranthene ...	16.263	4959435	52.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.295	5067820	46.012 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.644	4811110	52.845 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	5158511	63.707 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	5158511	48.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	4973971	53.800 ug/ml

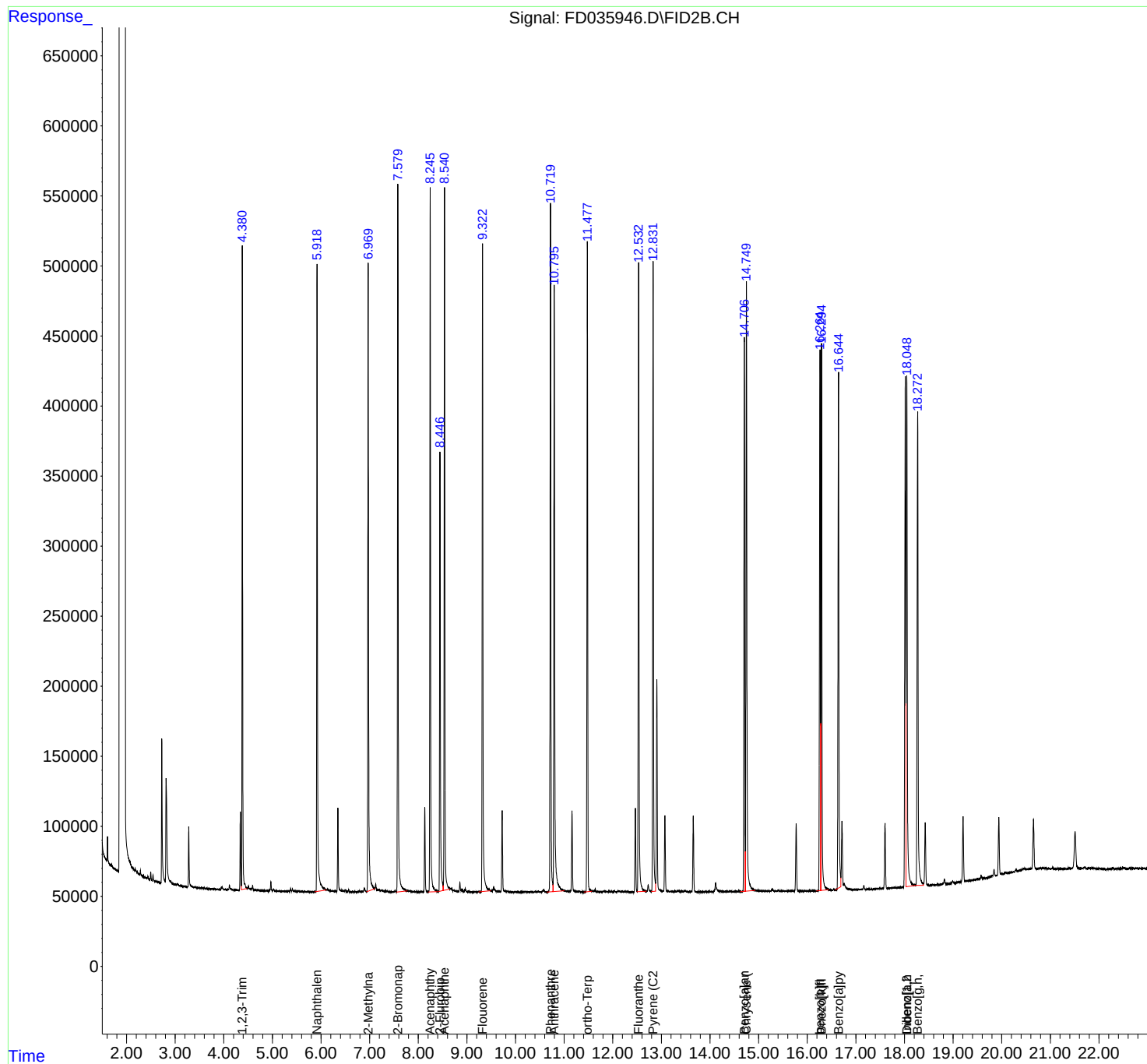
(f)=RT Delta > 1/2 Window

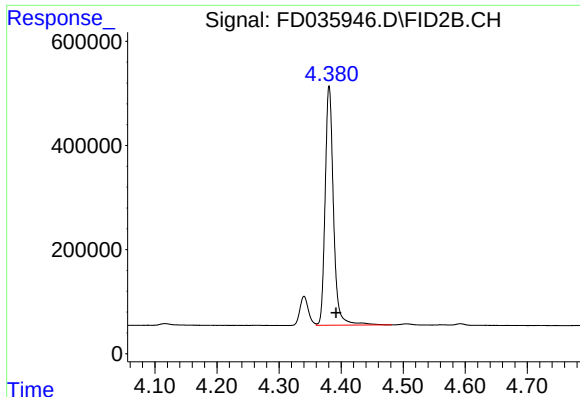
(m)=manual int.

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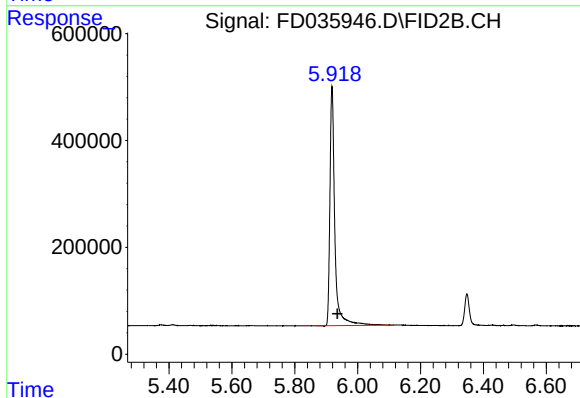
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Signal Info : 20M x 0.18mm x 0.18µm





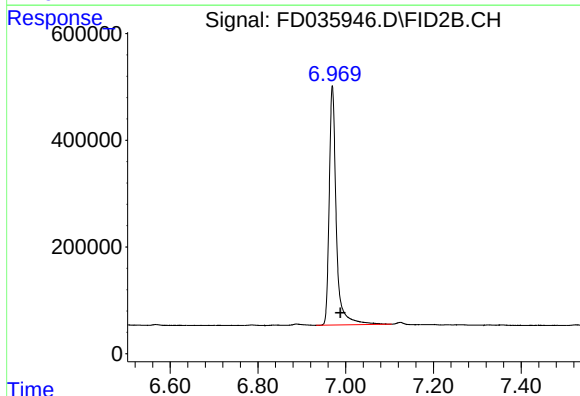
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.381 min
Delta R.T.: -0.011 min
Response: 4292283
Conc: 34.45 ug/ml



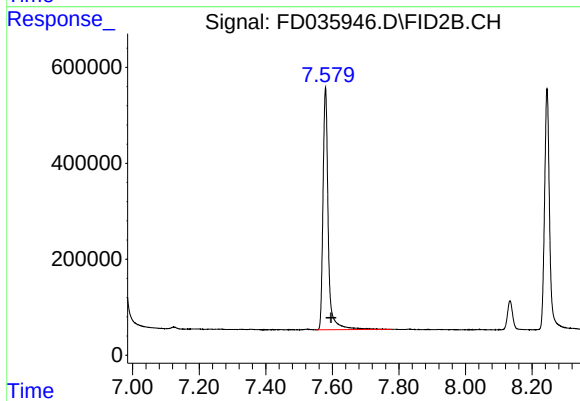
#2 Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.017 min
Response: 4864192
Conc: 38.49 ug/ml



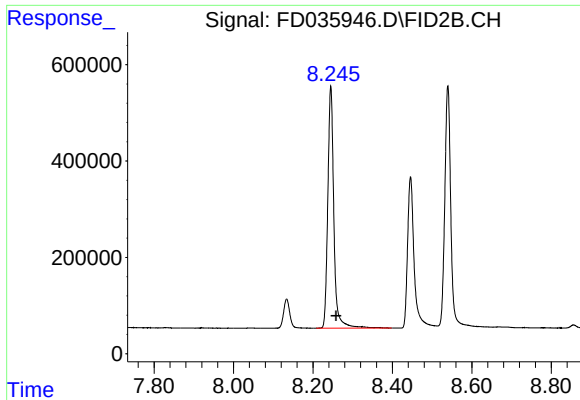
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.018 min
Response: 5025120
Conc: 39.73 ug/ml



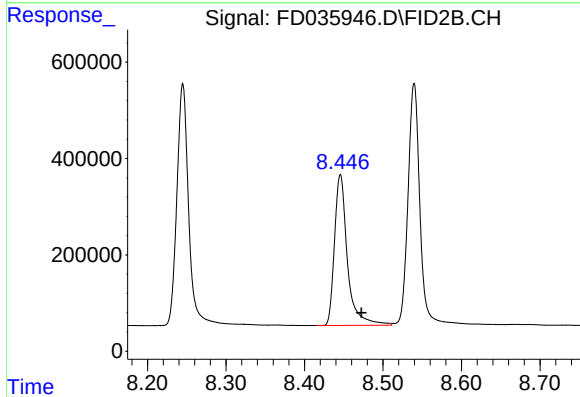
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: -0.017 min
Response: 5510707
Conc: 50.50 ug/ml



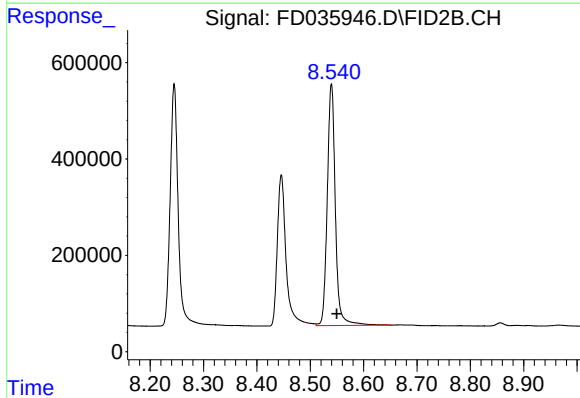
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 5299456
Conc: 41.89 ug/ml



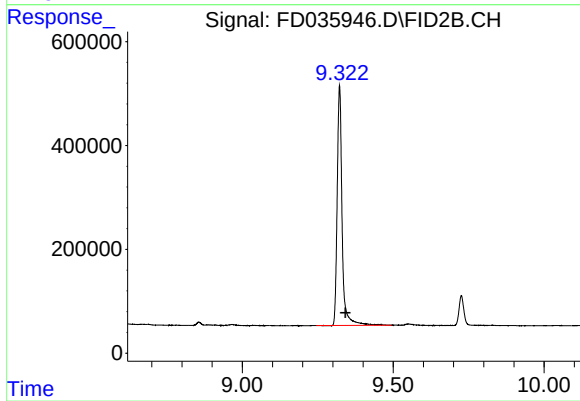
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.446 min
Delta R.T.: -0.027 min
Response: 3582406
Conc: 51.60 ug/ml



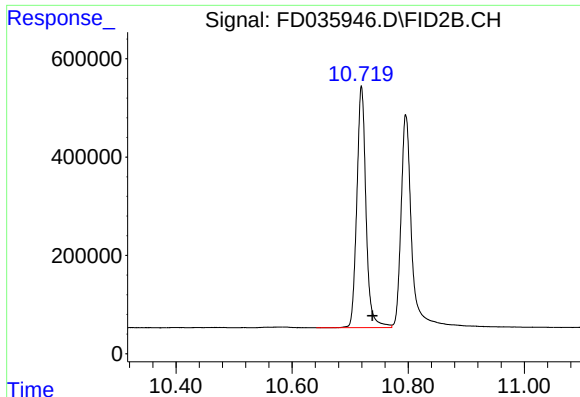
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: -0.010 min
Response: 5290217
Conc: 39.00 ug/ml



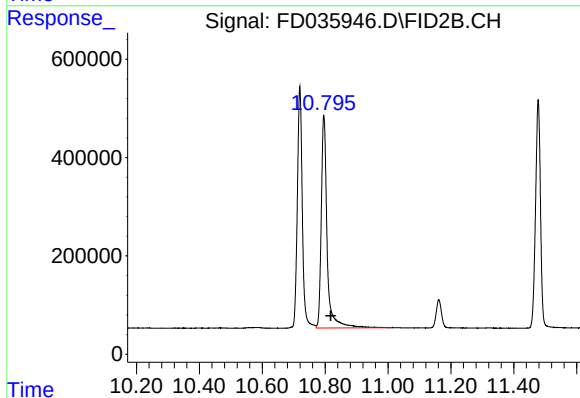
#8 Flouorene (C16.55)

R.T.: 9.322 min
Delta R.T.: -0.020 min
Response: 5218895
Conc: 42.49 ug/ml



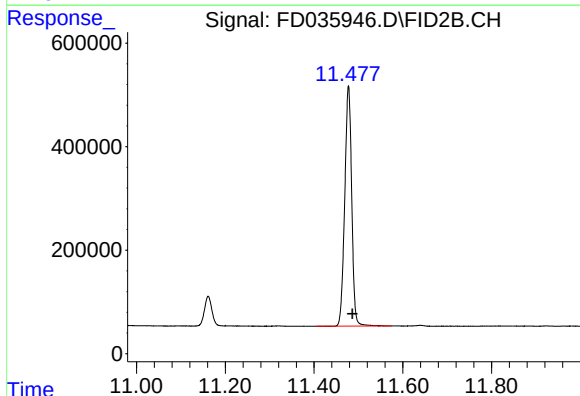
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.019 min
Response: 5384924
Conc: 44.15 ug/ml



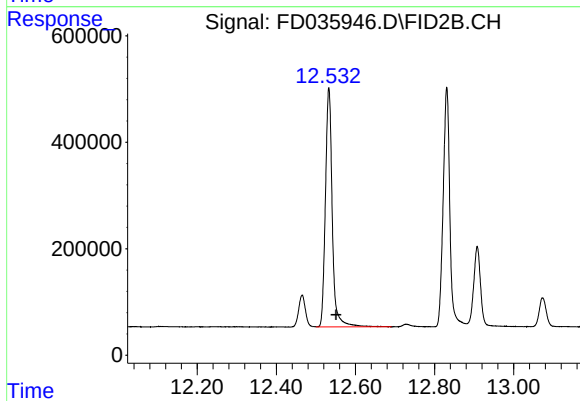
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.022 min
Response: 5583769
Conc: 44.62 ug/ml



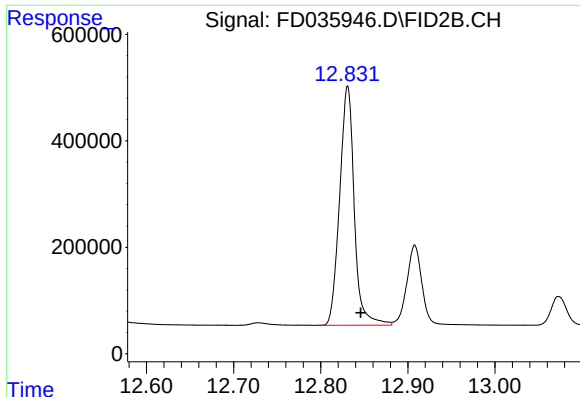
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: -0.009 min
Response: 5057530
Conc: 39.13 ug/ml



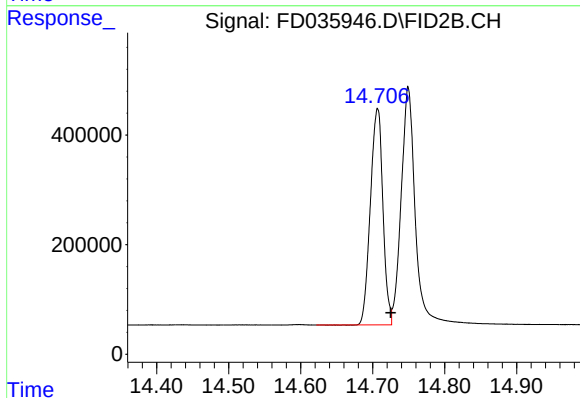
#12 Fluoranthene (C21.85)

R.T.: 12.533 min
Delta R.T.: -0.019 min
Response: 5380790
Conc: 44.15 ug/ml



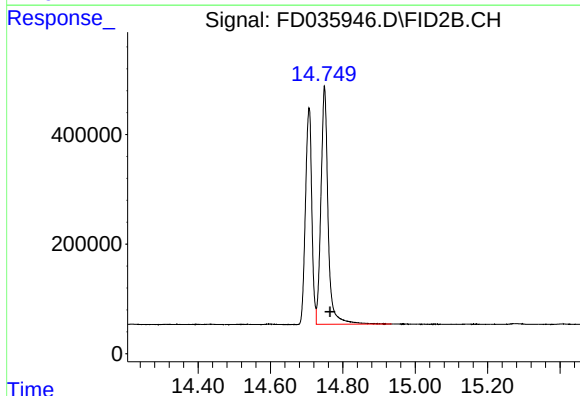
#13 Pyrene (C20.8)

R.T.: 12.831 min
Delta R.T.: -0.015 min
Response: 5254533
Conc: 42.95 ug/ml



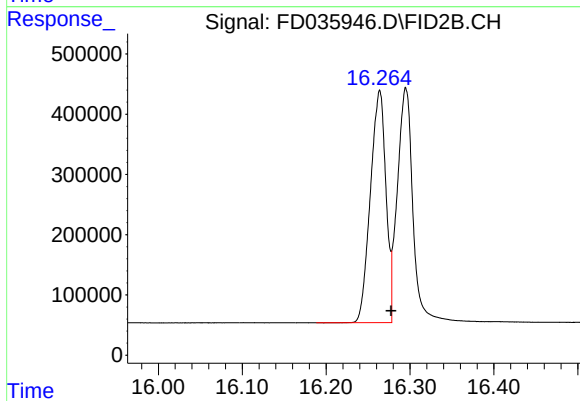
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.019 min
Response: 4769337
Conc: 48.51 ug/ml



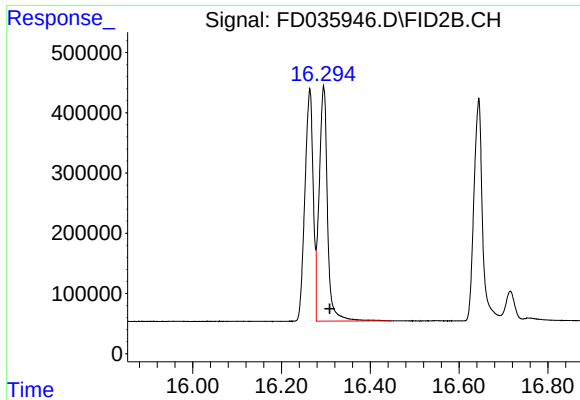
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.016 min
Response: 5965043
Conc: 48.68 ug/ml



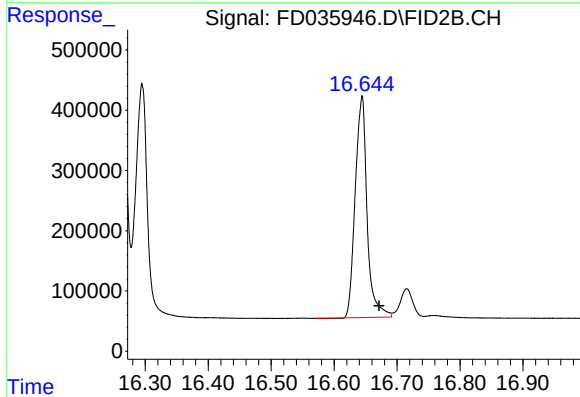
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.263 min
Delta R.T.: -0.014 min
Response: 4959435
Conc: 52.08 ug/ml



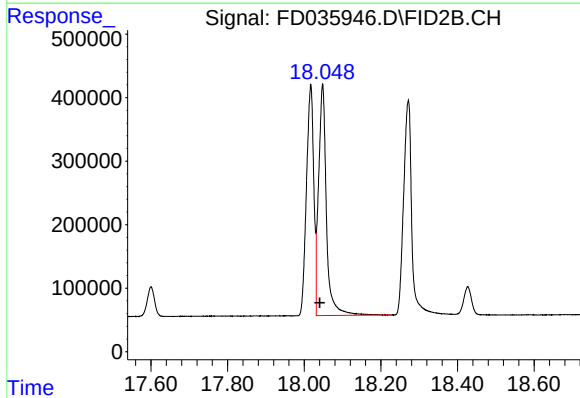
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.295 min
Delta R.T.: -0.014 min
Response: 5067820
Conc: 46.01 ug/ml



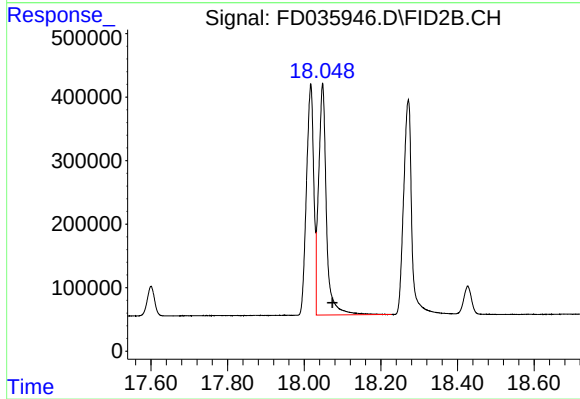
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.028 min
Response: 4811110
Conc: 52.85 ug/ml



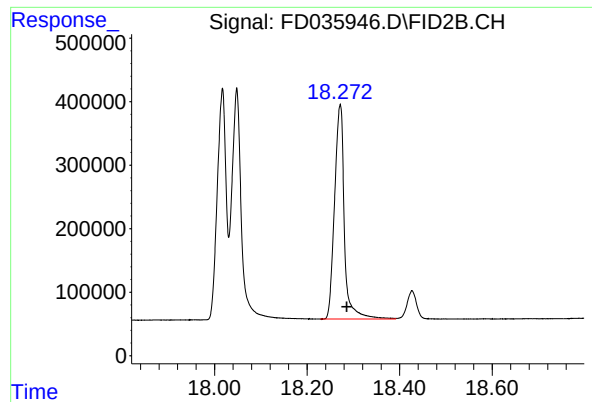
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: 0.008 min
Response: 5158511
Conc: 63.71 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.025 min
Response: 5158511
Conc: 48.28 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.015 min
Response: 4973971
Conc: 53.80 ug/ml