

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039749.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 13:21
 Operator : AJ\MA
 Sample : SOIL IDOC 01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:22:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.740	6151203	54.980 ug/ml
Spiked Amount 50.000		Recovery =	109.96%
6) S 2-Fluorobiphenyl (SURR)	8.610	4157830	55.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.88%
11) S ortho-Terphenyl (SURR)	11.654	6813857	55.094 ug/ml
Spiked Amount 50.000		Recovery =	110.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4646624	37.516 ug/ml
2) T Naphthalene (C11.7)	6.075	5365249	41.955 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	5433601	41.821 ug/ml
5) T Acenaphthylene (C15.06)	8.412	5648431	47.041 ug/ml
7) T Acenaphthene (C15.5)	8.708	6035490	47.392 ug/ml
8) T Fluorene (C16.55)	9.491	5898350	48.018 ug/ml
9) T Phenanthrene (C19.36)	10.893	6072894	50.630 ug/ml
10) T Anthracene (C19.43)	10.969	5995970	50.060 ug/ml
12) T Fluoranthene (C21.85)	12.711	6093635	51.116 ug/ml
13) T Pyrene (C20.8)	13.010	5945980	52.296 ug/ml
14) T Benzo[a]anthracene (C...	14.884	5545178	56.731 ug/ml
15) T Chrysene (C27.41)	14.928	6206317	54.514 ug/ml
16) T benzo[b]fluoranthene ...	16.473	5635994	57.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.473	5635994	53.259 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.821	5450530	56.554 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.224	5357113	57.470 ug/ml
20) T Dibenz[a,h]anthracene...	18.224	5357113	52.304 ug/ml
21) T Benzo[g,h,i]perylene ...	18.446	5328397	53.907 ug/ml

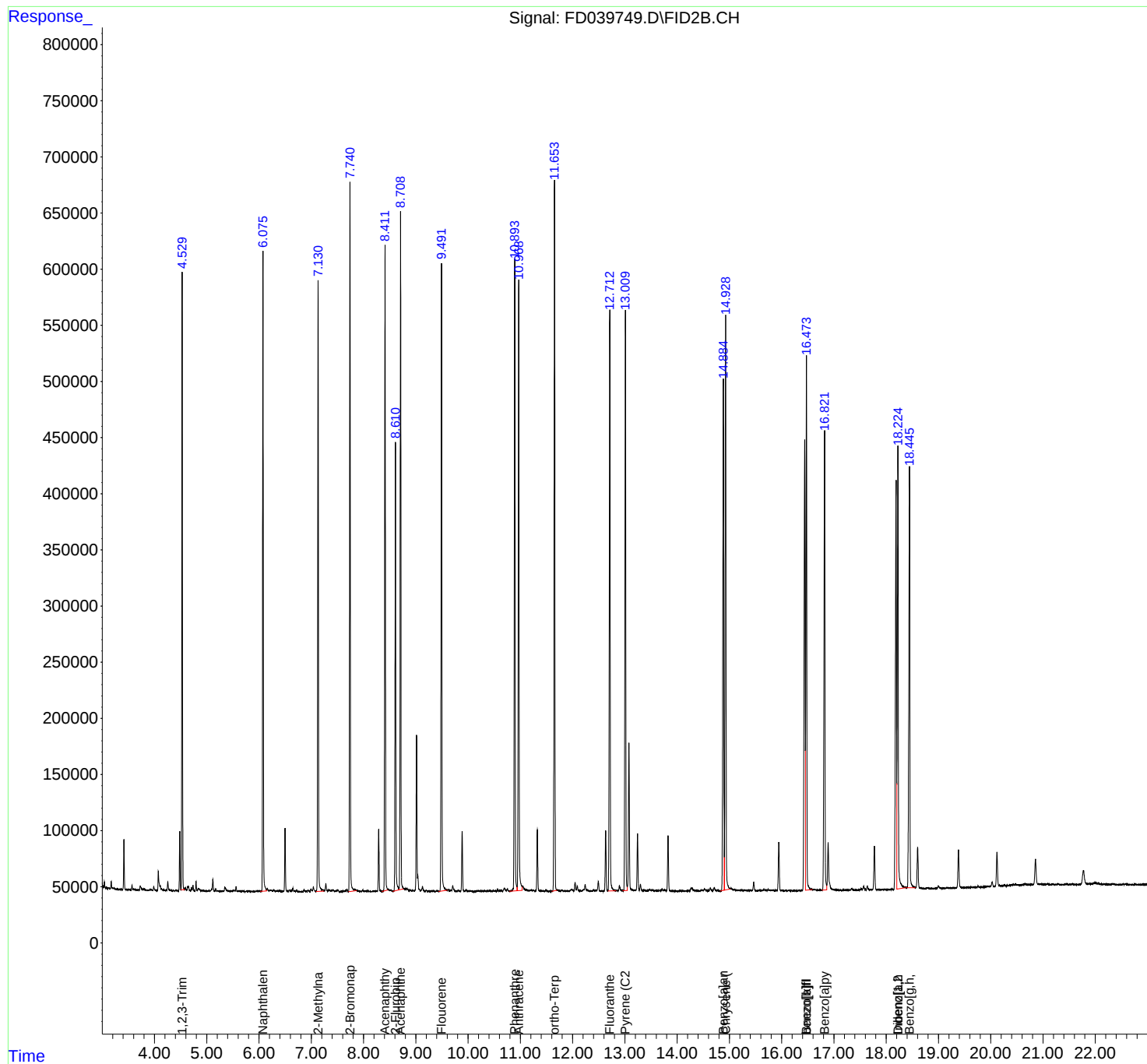
(f)=RT Delta > 1/2 Window

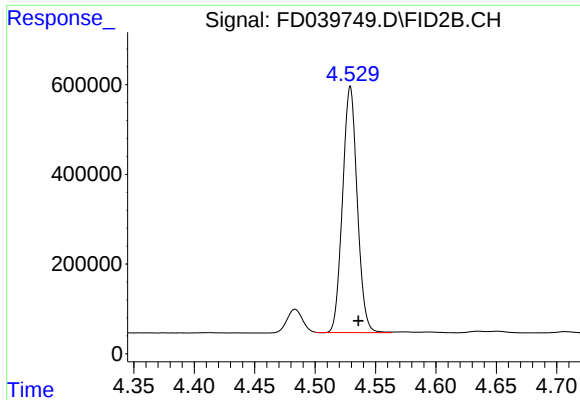
(m)=manual int.

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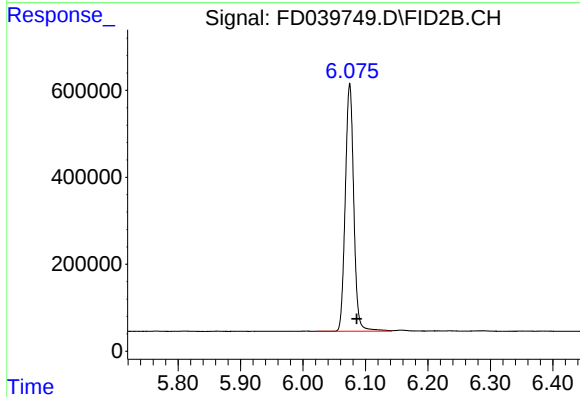
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Signal Info : 20M x 0.18mm x 0.18µm





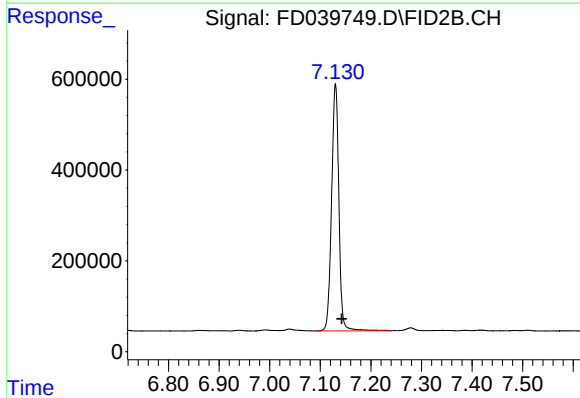
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.529 min
Delta R.T.: -0.007 min
Response: 4646624
Conc: 37.52 ug/ml



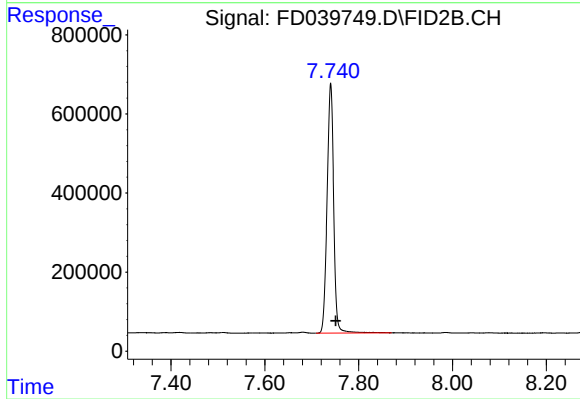
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 5365249
Conc: 41.95 ug/ml



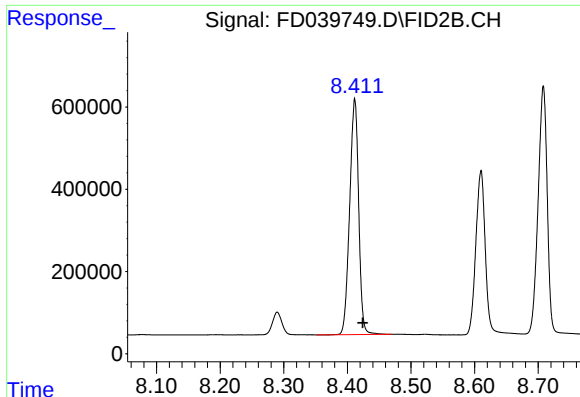
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 5433601
Conc: 41.82 ug/ml



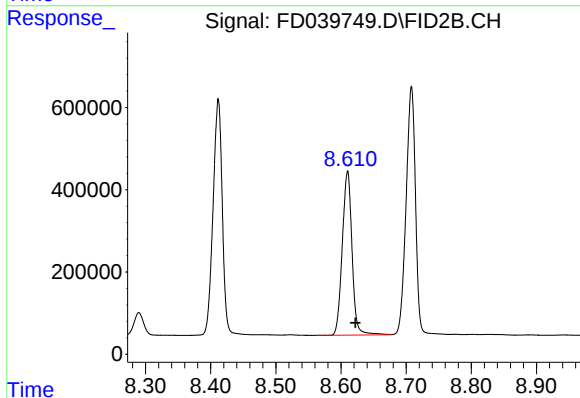
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 6151203
Conc: 54.98 ug/ml



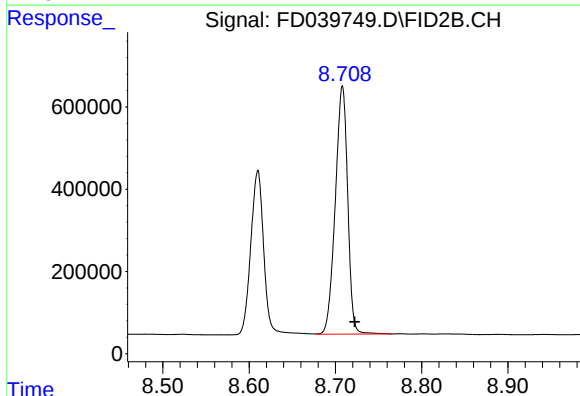
#5 Acenaphthylene (C15.06)

R.T.: 8.412 min
Delta R.T.: -0.013 min
Response: 5648431
Conc: 47.04 ug/ml



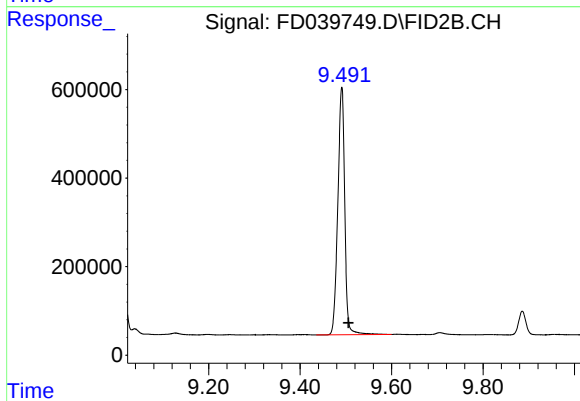
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.012 min
Response: 4157830
Conc: 55.44 ug/ml



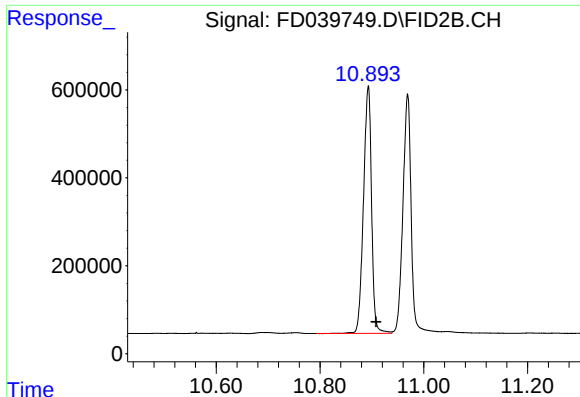
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 6035490
Conc: 47.39 ug/ml



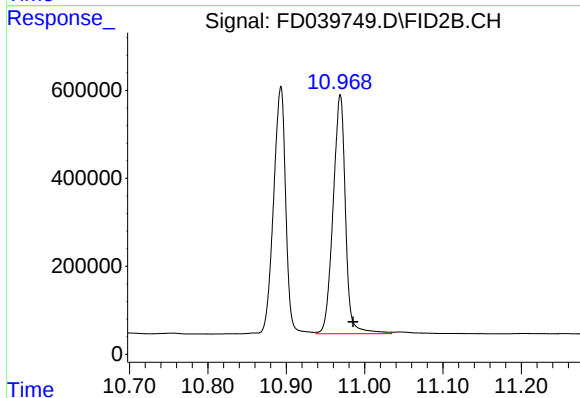
#8 Flouorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.014 min
Response: 5898350
Conc: 48.02 ug/ml



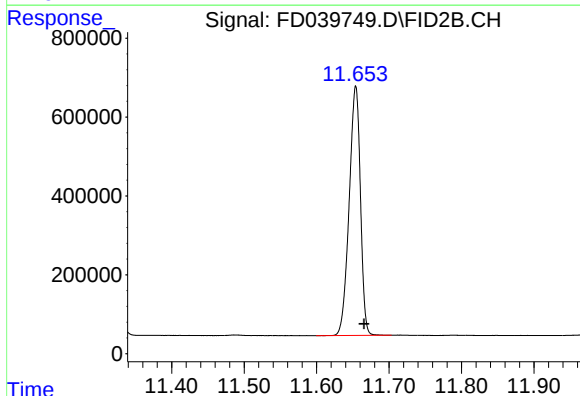
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.015 min
Response: 6072894
Conc: 50.63 ug/ml



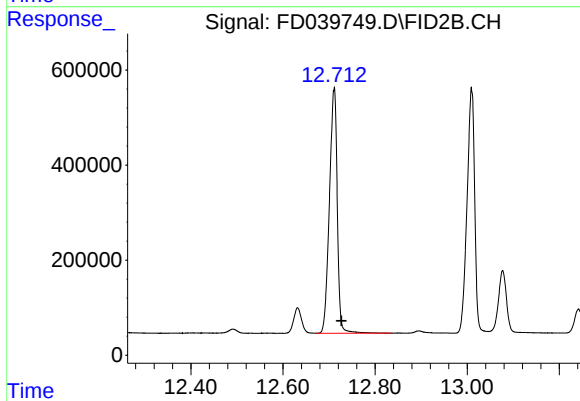
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.016 min
Response: 5995970
Conc: 50.06 ug/ml



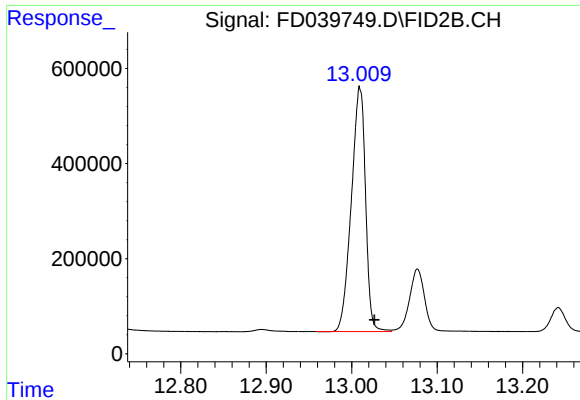
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.011 min
Response: 6813857
Conc: 55.09 ug/ml



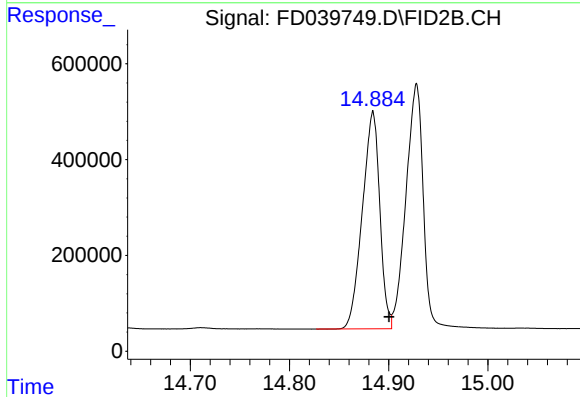
#12 Fluoranthene (C21.85)

R.T.: 12.711 min
Delta R.T.: -0.016 min
Response: 6093635
Conc: 51.12 ug/ml



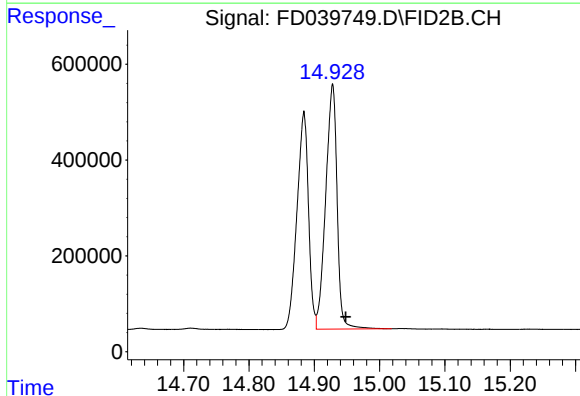
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 5945980
Conc: 52.30 ug/ml



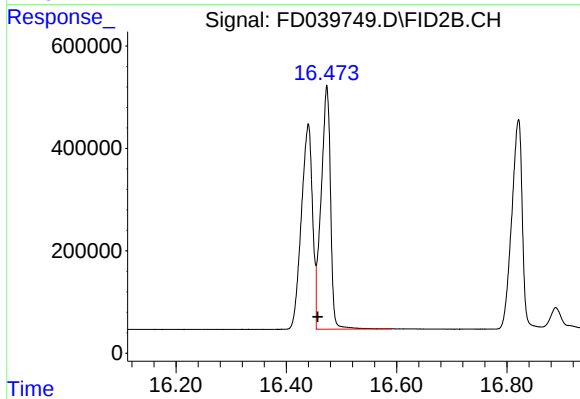
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.016 min
Response: 5545178
Conc: 56.73 ug/ml



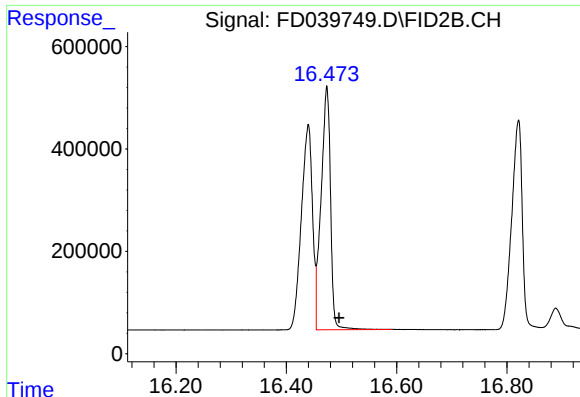
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: -0.020 min
Response: 6206317
Conc: 54.51 ug/ml



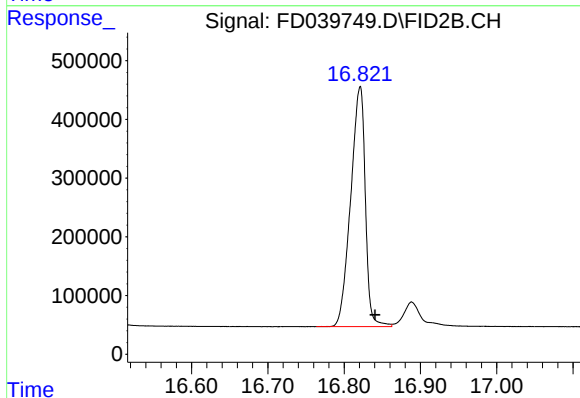
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.473 min
Delta R.T.: 0.016 min
Response: 5635994
Conc: 57.29 ug/ml



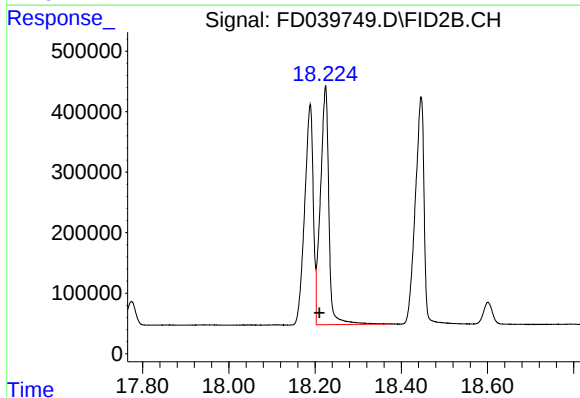
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.473 min
Delta R.T.: -0.022 min
Response: 5635994
Conc: 53.26 ug/ml



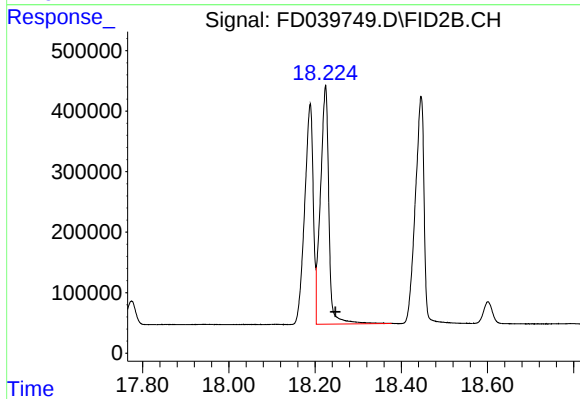
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.821 min
Delta R.T.: -0.020 min
Response: 5450530
Conc: 56.55 ug/ml



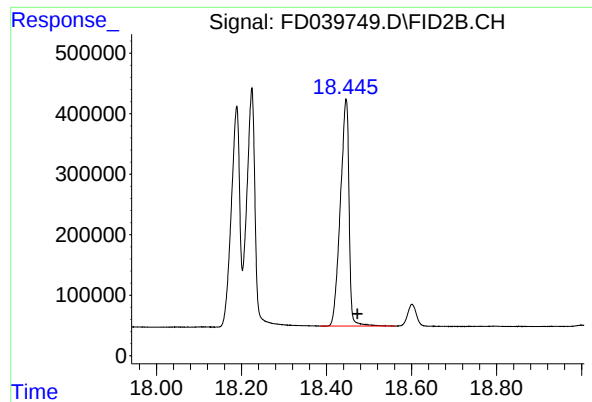
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.224 min
Delta R.T.: 0.014 min
Response: 5357113
Conc: 57.47 ug/ml



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

R.T.: 18.224 min
Delta R.T.: -0.023 min
Response: 5357113
Conc: 52.30 ug/ml



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

R.T.: 18.446 min
Delta R.T.: -0.026 min
Response: 5328397
Conc: 53.91 ug/ml