

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051320AR\
 Data File : FD033493.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2020 12:52
 Operator : DD\AJ
 Sample : L2182-03
 Misc : MDL-SOIL-2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 04:09:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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	5168324	46.996 ug/ml
Spiked Amount 50.000		Recovery =	93.99%
6) S 2-Fluorobiphenyl (SURR)	8.440	3590810	48.358 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	96.72%
11) S ortho-Terphenyl (SURR)	11.473	5428696	42.069 ug/ml
Spiked Amount 50.000		Recovery =	84.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	202141	1.776 ug/ml
2) T Naphthalene (C11.7)	5.926	214398	1.819 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	221674	1.861 ug/ml
5) T Acenaphthylene (C15.06)	8.243	239813	1.987 ug/ml
7) T Acenaphthene (C15.5)	8.536	289883	2.297 ug/ml
8) T Fluorene (C16.55)	9.320	224184	1.831 ug/ml
9) T Phenanthrene (C19.36)	10.714	228233	1.805 ug/ml
10) T Anthracene (C19.43)	10.790	223204	1.834 ug/ml
12) T Fluoranthene (C21.85)	12.523	246594	1.903 ug/ml
13) T Pyrene (C20.8)	12.819	252051	1.951 ug/ml
14) T Benzo[a]anthracene (C...	14.693	215043	1.760 ug/mlm
15) T Chrysene (C27.41)	14.734	320302	2.487 ug/ml
16) T benzo[b]fluoranthene ...	16.244	231143	1.858 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	268737	2.087 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	197240	1.597 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.999	189682	1.599 ug/mlm
20) T Dibenz[a,h]anthracene...	18.035	243075	1.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	215652	1.787 ug/ml

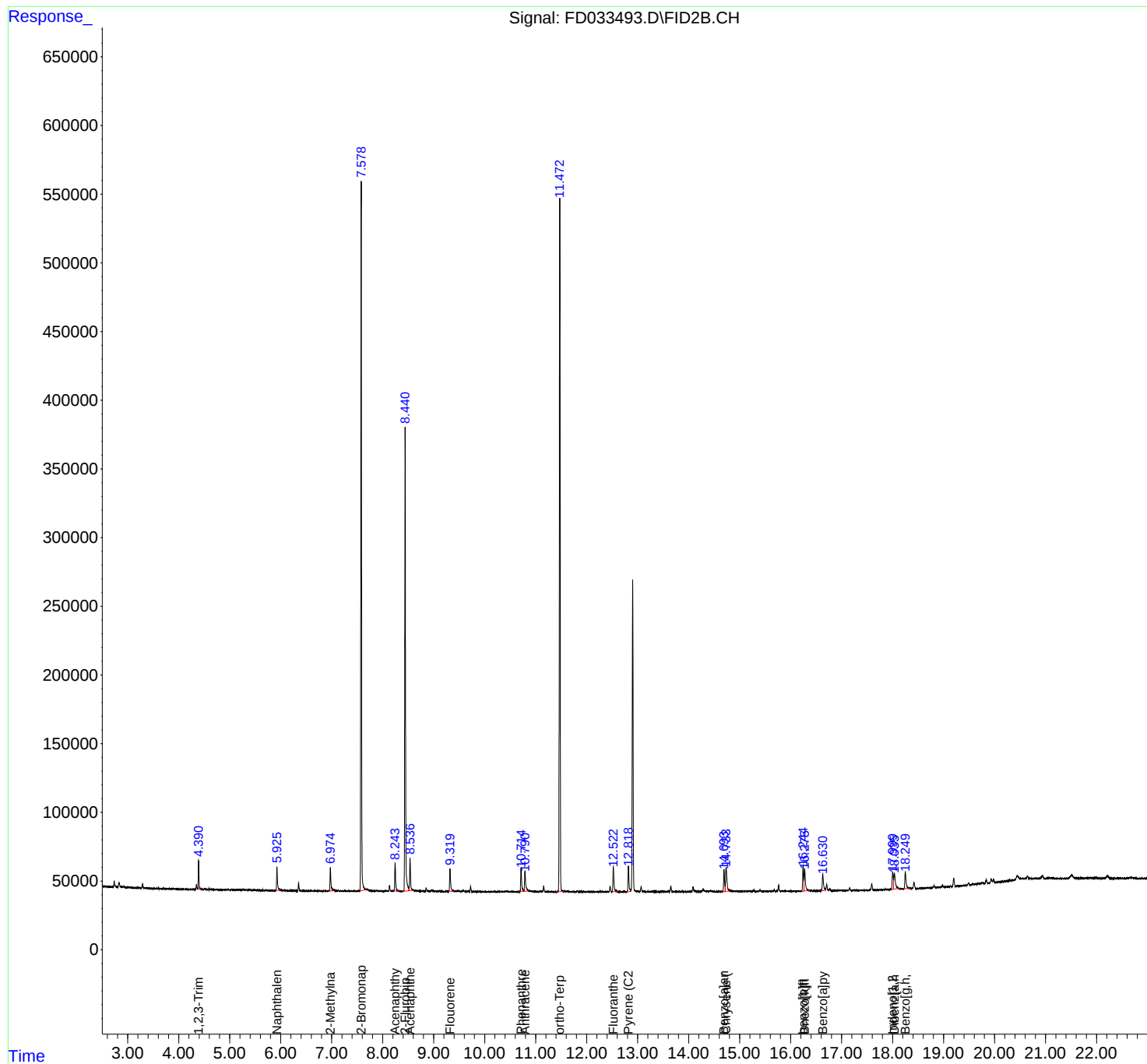
(f)=RT Delta > 1/2 Window

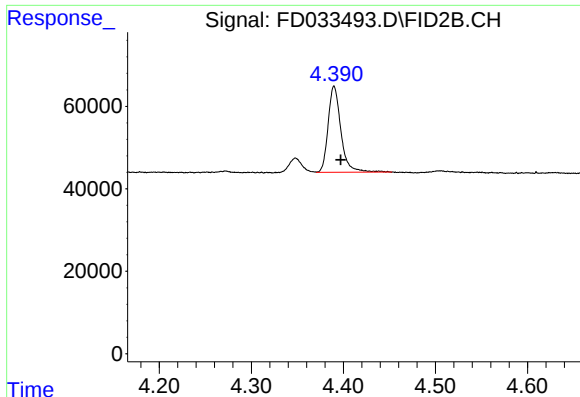
(m)=manual int.

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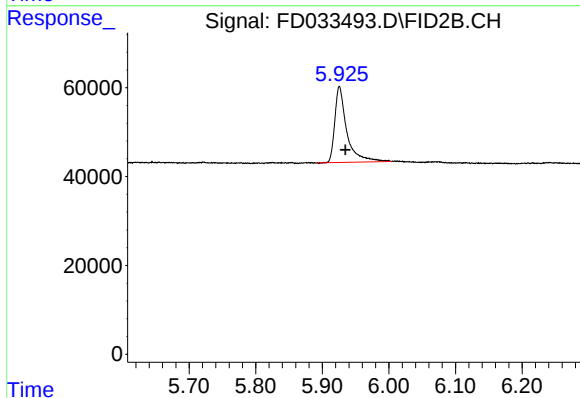
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





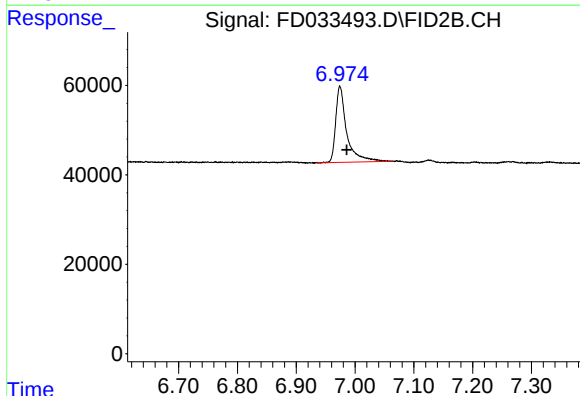
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: -0.007 min
Response: 202141
Conc: 1.78 ug/ml



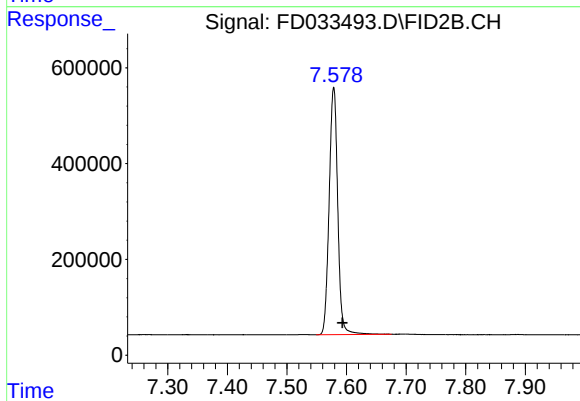
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: 214398
Conc: 1.82 ug/ml



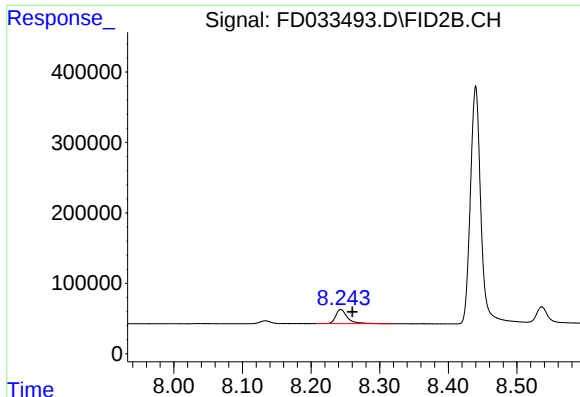
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.012 min
Response: 221674
Conc: 1.86 ug/ml



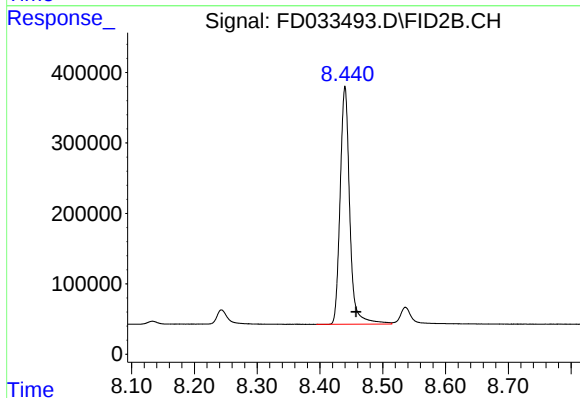
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: -0.015 min
Response: 5168324
Conc: 47.00 ug/ml



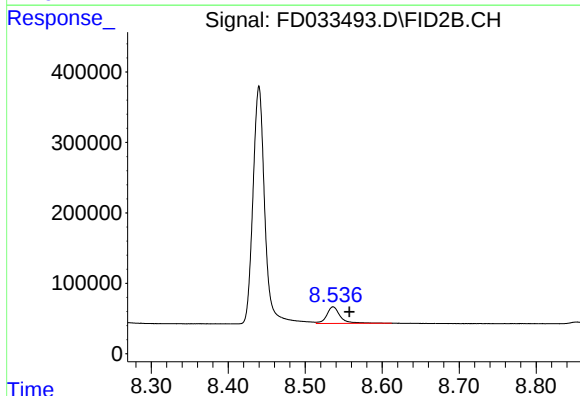
#5 Acenaphthylene (C15.06)

R.T.: 8.243 min
Delta R.T.: -0.017 min
Response: 239813
Conc: 1.99 ug/ml



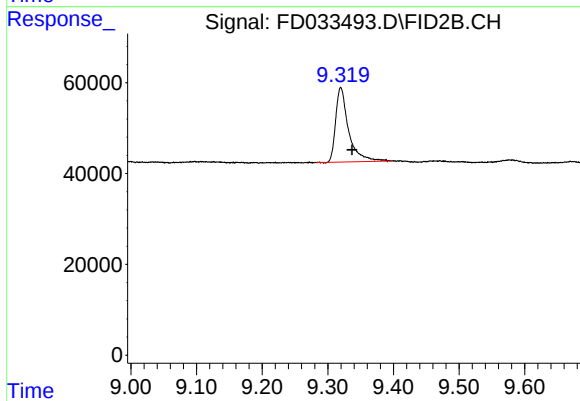
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: -0.017 min
Response: 3590810
Conc: 48.36 ug/ml



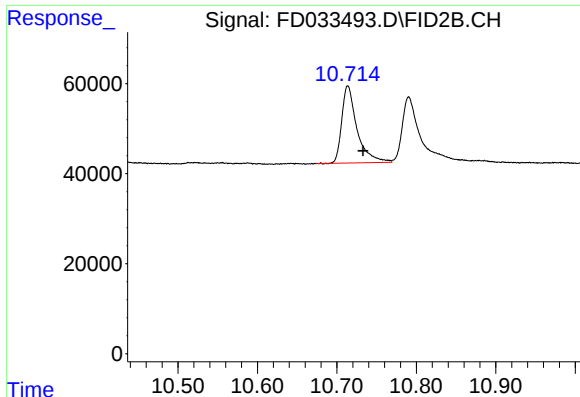
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: -0.021 min
Response: 289883
Conc: 2.30 ug/ml



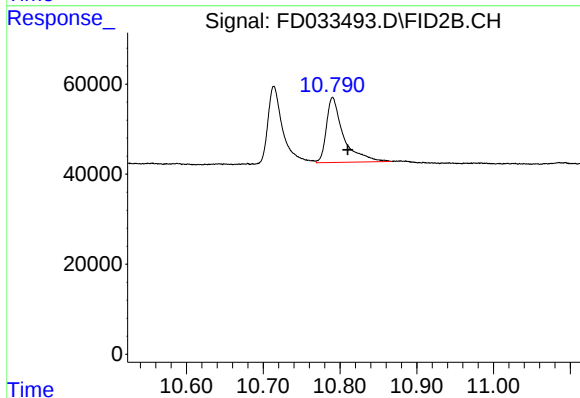
#8 Flouorene (C16.55)

R.T.: 9.320 min
Delta R.T.: -0.017 min
Response: 224184
Conc: 1.83 ug/ml



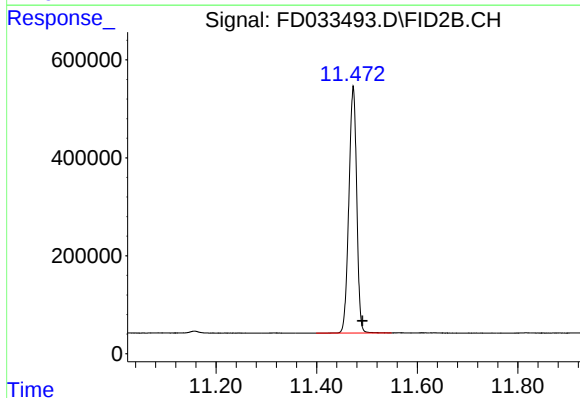
#9 Phenanthrene (C19.36)

R.T.: 10.714 min
Delta R.T.: -0.019 min
Response: 228233
Conc: 1.81 ug/ml



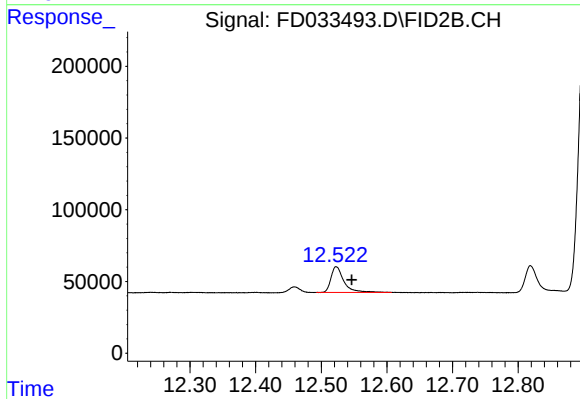
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: -0.020 min
Response: 223204
Conc: 1.83 ug/ml



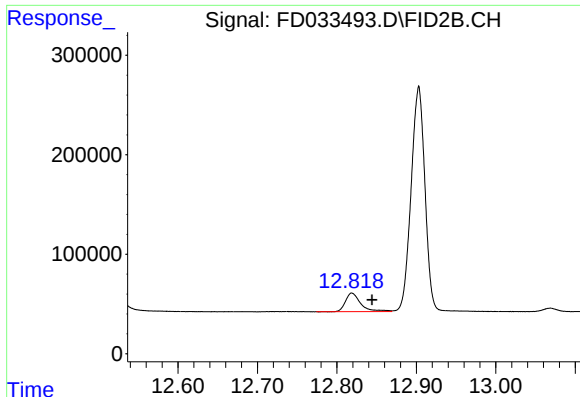
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.018 min
Response: 5428696
Conc: 42.07 ug/ml



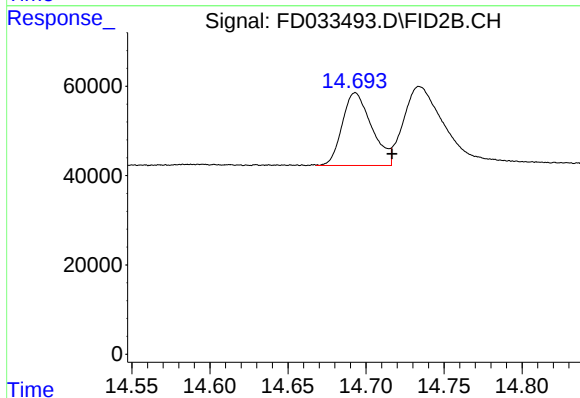
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: -0.024 min
Response: 246594
Conc: 1.90 ug/ml



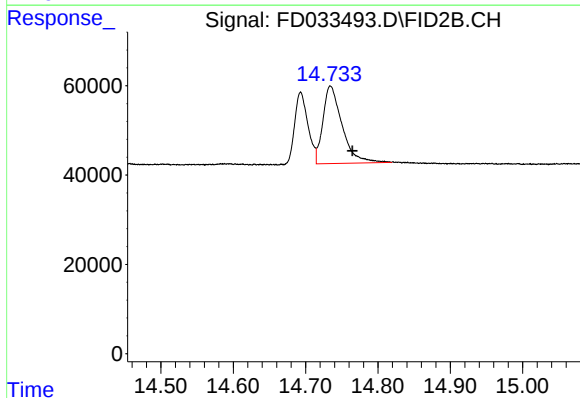
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: -0.025 min
Response: 252051
Conc: 1.95 ug/ml



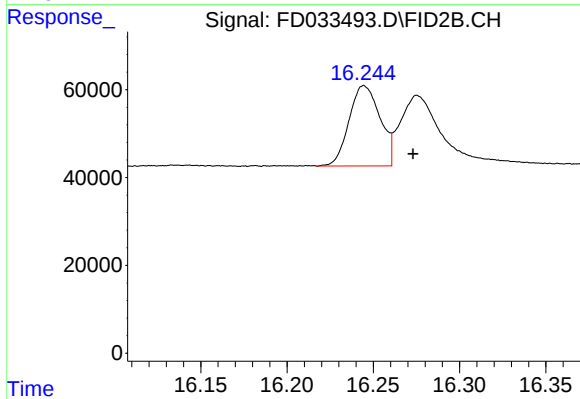
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.024 min
Response: 215043
Conc: 1.76 ug/ml m



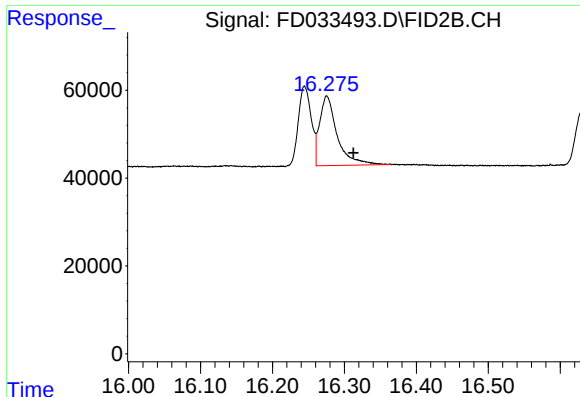
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.030 min
Response: 320302
Conc: 2.49 ug/ml



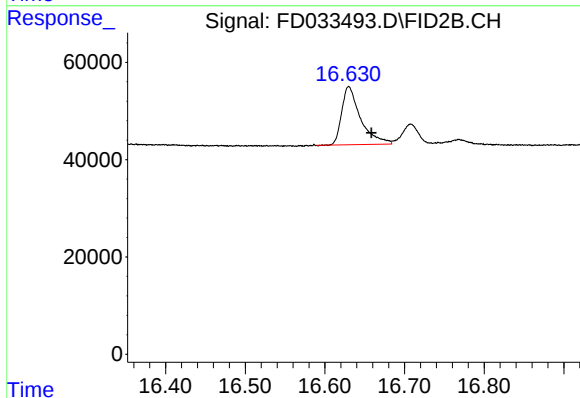
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.244 min
Delta R.T.: -0.029 min
Response: 231143
Conc: 1.86 ug/ml m



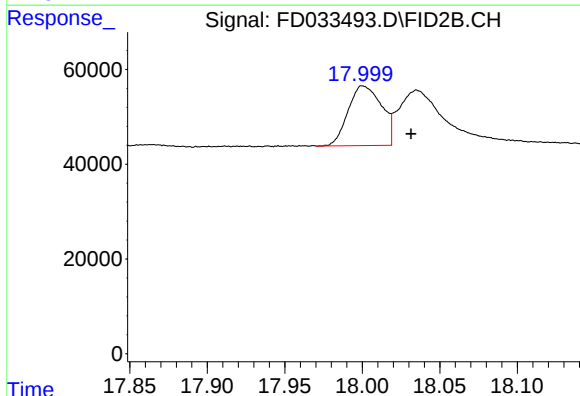
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.037 min
Response: 268737
Conc: 2.09 ug/ml



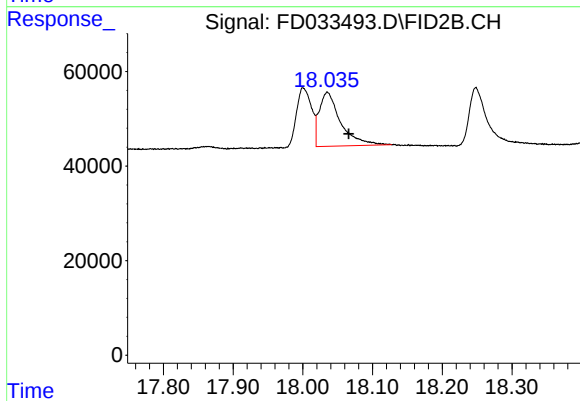
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.028 min
Response: 197240
Conc: 1.60 ug/ml



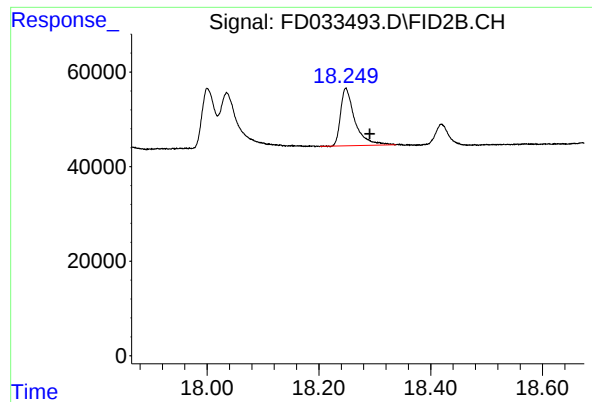
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.999 min
Delta R.T.: -0.032 min
Response: 189682
Conc: 1.60 ug/ml m



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

R.T.: 18.035 min
Delta R.T.: -0.031 min
Response: 243075
Conc: 1.97 ug/ml



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

R.T.: 18.248 min
Delta R.T.: -0.043 min
Response: 215652
Conc: 1.79 ug/ml