

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041119AR\
 Data File : FD028816.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2019 10:21
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 15:19:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.100	2169692	22.869 ug/ml
Spiked Amount 50.000		Recovery =	45.74%
6) S 2-Fluorobiphenyl (SURR)	7.967	1466215	22.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.98%
11) S ortho-Terphenyl (SURR)	11.005	2369127	21.293 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.923	2162944	22.110 ug/ml
2) T Naphthalene (C11.7)	5.445	2428284	22.793 ug/ml
3) T 2-Methylnaphthalene (...)	6.493	2450629	22.907 ug/ml
5) T Acenaphthylene (C15.06)	7.770	2348311	22.677 ug/ml
7) T Acenaphthene (C15.5)	8.066	2456138	22.642 ug/ml
8) T Flouorene (C16.55)	8.845	2420307	22.262 ug/ml
9) T Phenanthrene (C19.36)	10.243	2298857	21.229 ug/ml
10) T Anthracene (C19.43)	10.317	2257270	21.013 ug/ml
12) T Fluoranthene (C21.85)	12.054	2233004	20.654 ug/ml
13) T Pyrene (C20.8)	12.353	2223237	20.645 ug/ml
14) T Benzo[a]anthracene (C...	14.261	2201095	20.993 ug/ml
15) T Chrysene (C27.41)	14.261	2201095	21.022 ug/ml
16) T benzo[b]fluoranthene ...	15.798	2264108	20.889 ug/ml
17) T Bnezo[k]fluoranthene ...	15.798	2264108	21.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.145	2283748	21.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.544	2299422	20.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.544	2299422	21.391 ug/ml
21) T Benzo[g,h,i]perylene ...	17.762	2302105	21.242 ug/ml

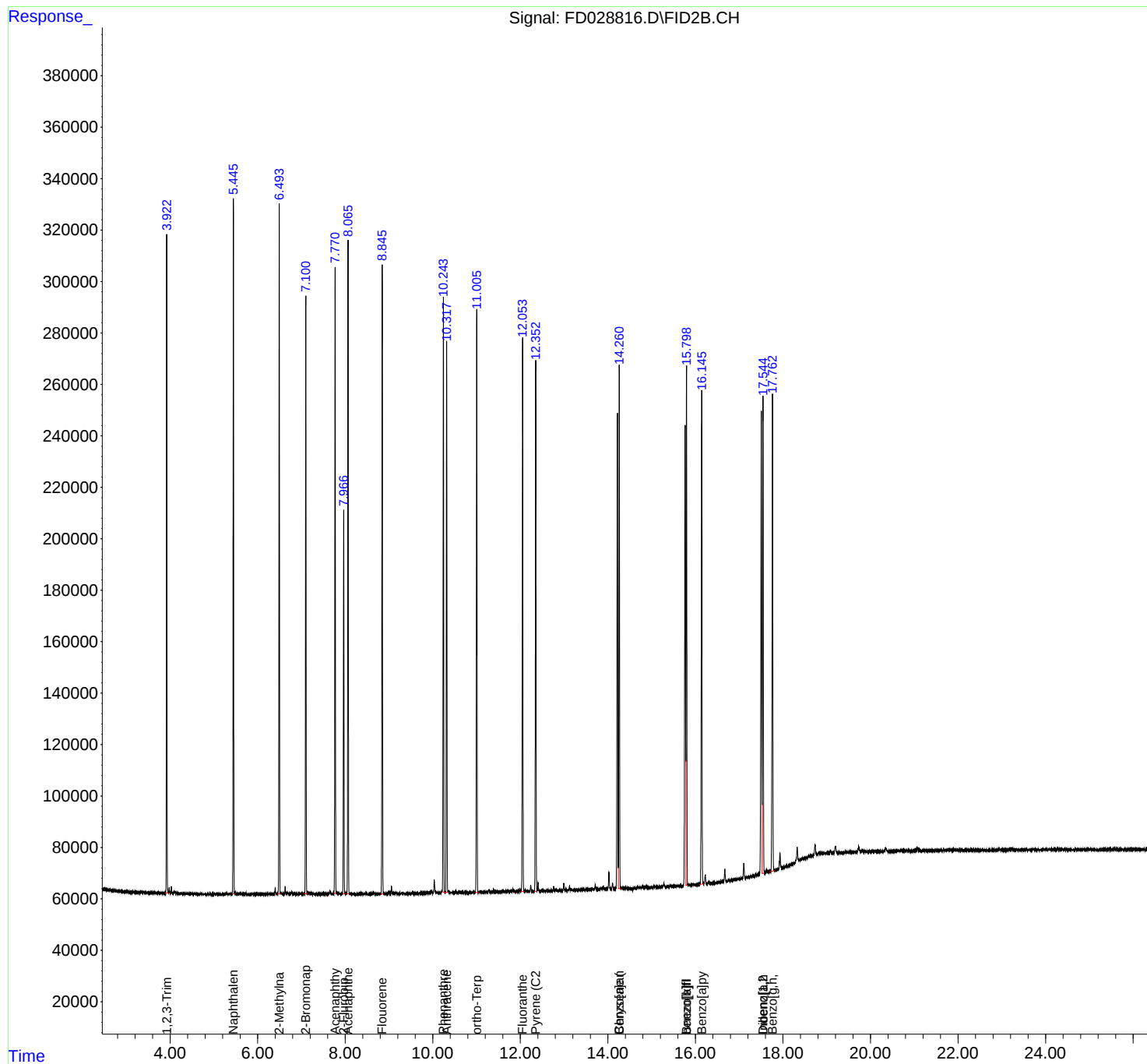
(f)=RT Delta > 1/2 Window

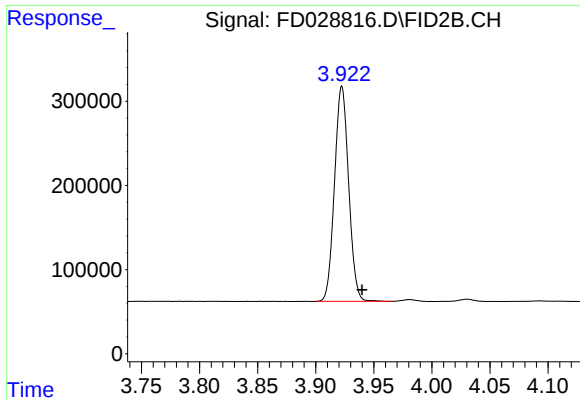
(m)=manual int.

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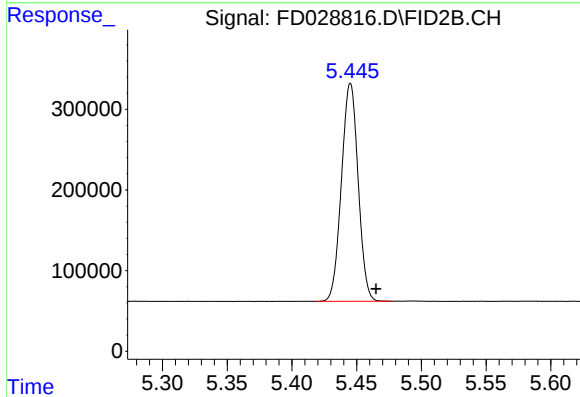
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Signal Info : 20M x 0.18mm x 0.18µm





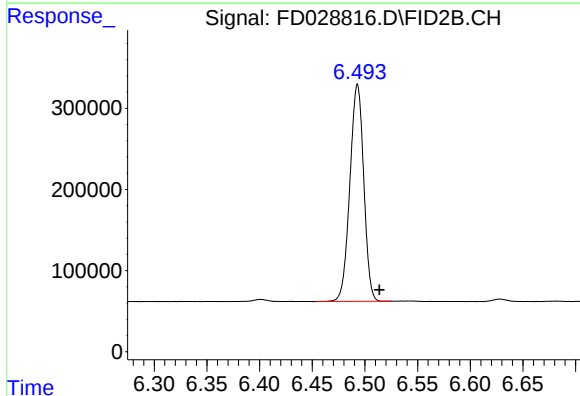
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.923 min
Delta R.T.: -0.017 min
Response: 2162944
Conc: 22.11 ug/ml



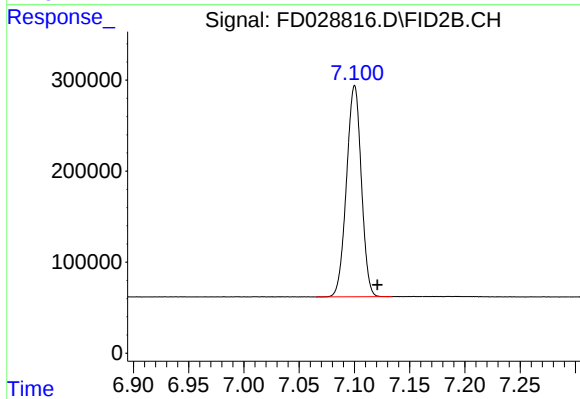
#2 Naphthalene (C11.7)

R.T.: 5.445 min
Delta R.T.: -0.020 min
Response: 2428284
Conc: 22.79 ug/ml



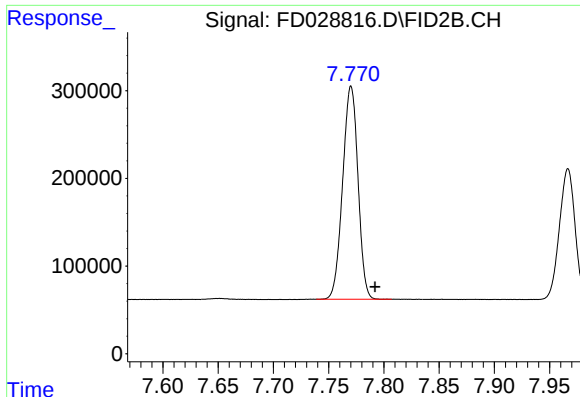
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.493 min
Delta R.T.: -0.021 min
Response: 2450629
Conc: 22.91 ug/ml



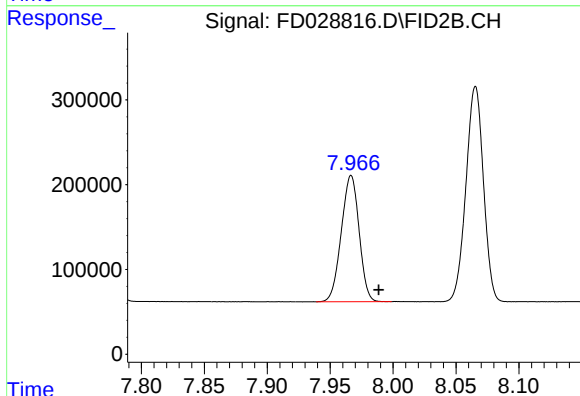
#4 2-Bromonaphthalene (SURR)

R.T.: 7.100 min
Delta R.T.: -0.021 min
Response: 2169692
Conc: 22.87 ug/ml



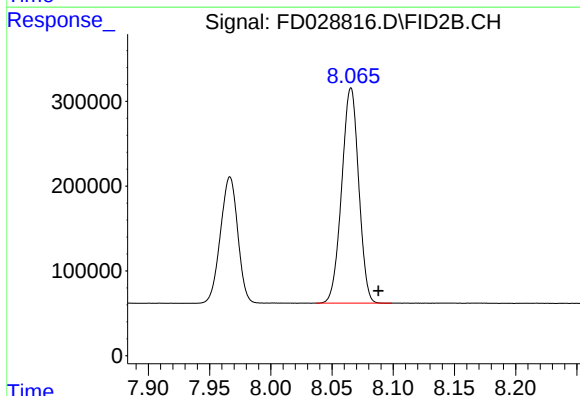
#5 Acenaphthylene (C15.06)

R.T.: 7.770 min
Delta R.T.: -0.022 min
Response: 2348311
Conc: 22.68 ug/ml



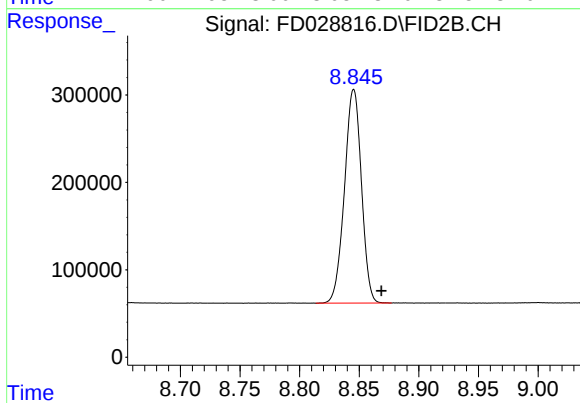
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.967 min
Delta R.T.: -0.022 min
Response: 1466215
Conc: 22.49 ug/ml



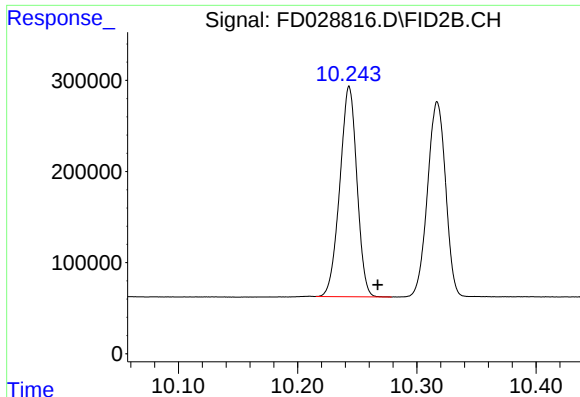
#7 Acenaphthene (C15.5)

R.T.: 8.066 min
Delta R.T.: -0.022 min
Response: 2456138
Conc: 22.64 ug/ml



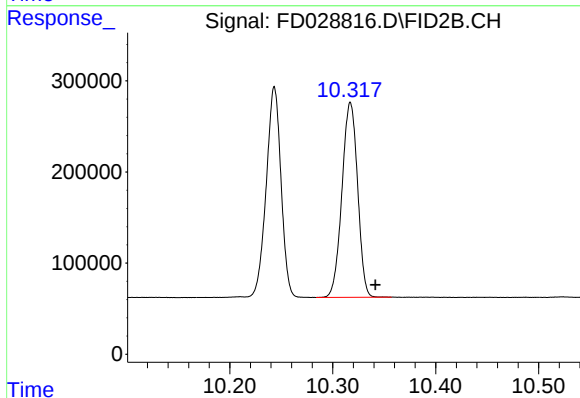
#8 Fluorene (C16.55)

R.T.: 8.845 min
Delta R.T.: -0.023 min
Response: 2420307
Conc: 22.26 ug/ml



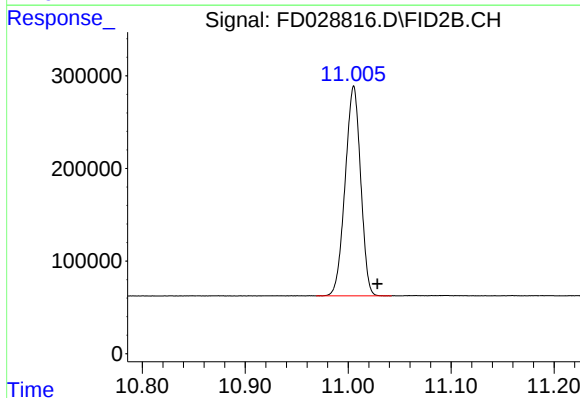
#9 Phenanthrene (C19.36)

R.T.: 10.243 min
Delta R.T.: -0.024 min
Response: 2298857
Conc: 21.23 ug/ml



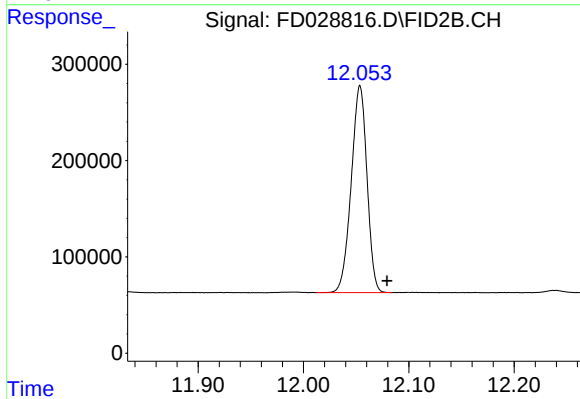
#10 Anthracene (C19.43)

R.T.: 10.317 min
Delta R.T.: -0.024 min
Response: 2257270
Conc: 21.01 ug/ml



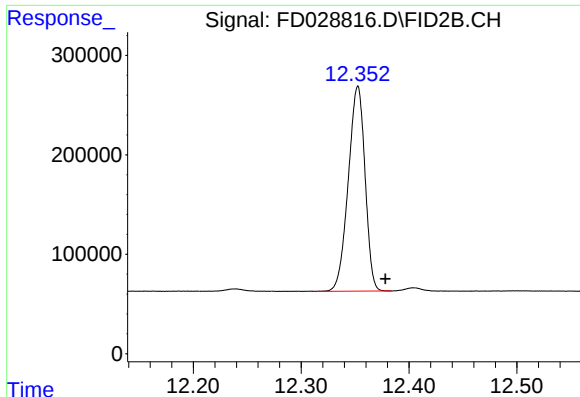
#11 ortho-Terphenyl (SURR)

R.T.: 11.005 min
Delta R.T.: -0.023 min
Response: 2369127
Conc: 21.29 ug/ml



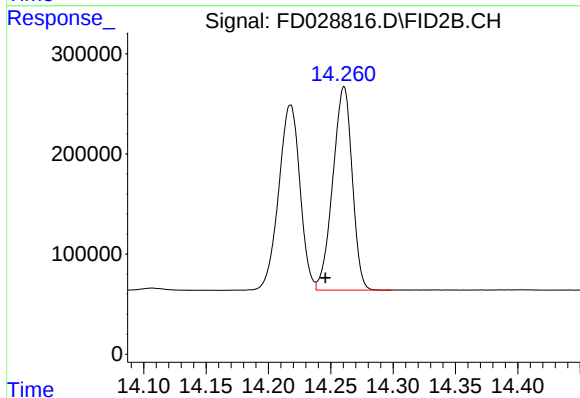
#12 Fluoranthene (C21.85)

R.T.: 12.054 min
Delta R.T.: -0.026 min
Response: 2233004
Conc: 20.65 ug/ml



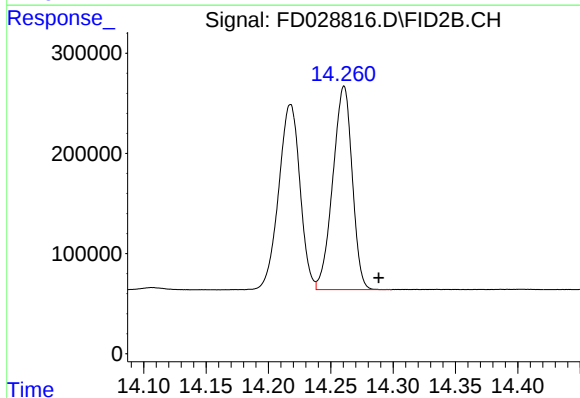
#13 Pyrene (C20.8)

R.T.: 12.353 min
Delta R.T.: -0.026 min
Response: 2223237
Conc: 20.65 ug/ml



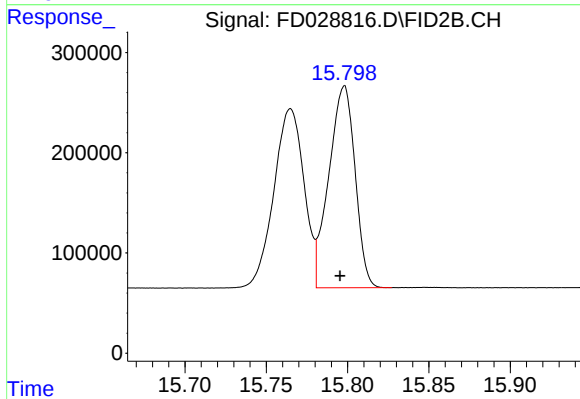
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.261 min
Delta R.T.: 0.015 min
Response: 2201095
Conc: 20.99 ug/ml



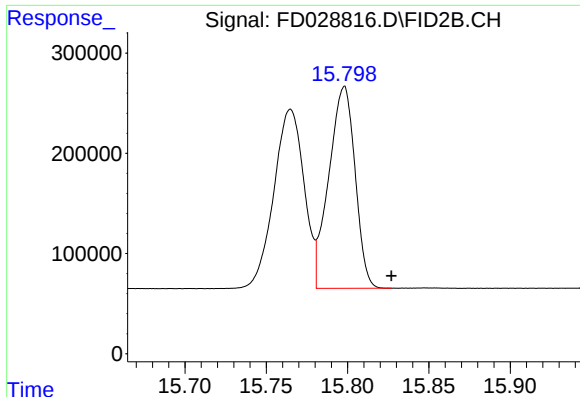
#15 Chrysene (C27.41)

R.T.: 14.261 min
Delta R.T.: -0.028 min
Response: 2201095
Conc: 21.02 ug/ml



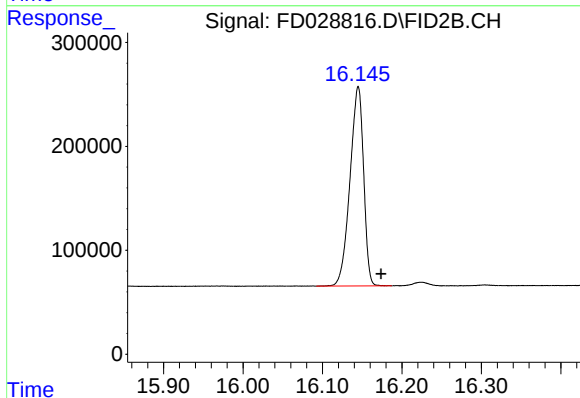
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.798 min
Delta R.T.: 0.003 min
Response: 2264108
Conc: 20.89 ug/ml



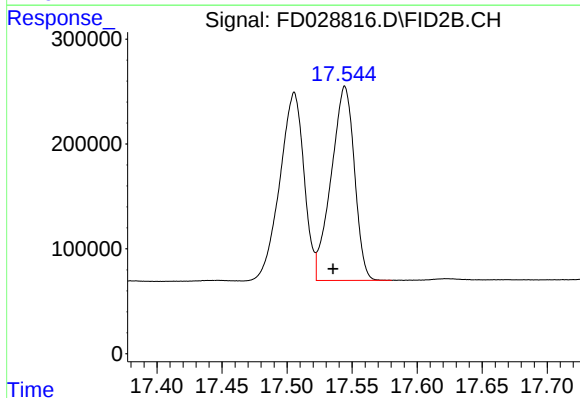
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.798 min
Delta R.T.: -0.029 min
Response: 2264108
Conc: 21.10 ug/ml



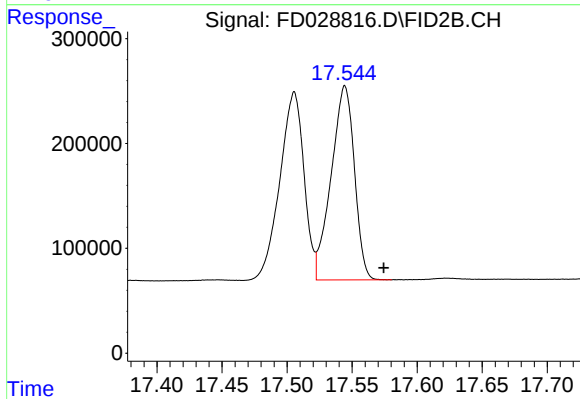
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.145 min
Delta R.T.: -0.029 min
Response: 2283748
Conc: 21.11 ug/ml



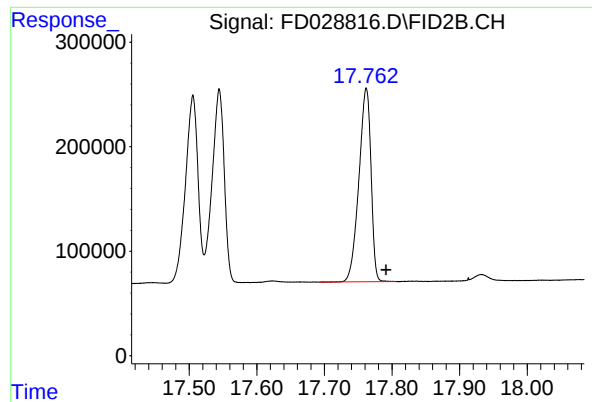
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.544 min
Delta R.T.: 0.009 min
Response: 2299422
Conc: 20.81 ug/ml



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

R.T.: 17.544 min
Delta R.T.: -0.030 min
Response: 2299422
Conc: 21.39 ug/ml



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

R.T.: 17.762 min
Delta R.T.: -0.029 min
Response: 2302105
Conc: 21.24 ug/ml