

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041119AR\
 Data File : FD028822.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2019 13:55
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 15:20:04 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...	7.098	1934958	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	7.964	1299832	19.938 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.88%
11) S ortho-Terphenyl (SURR)	11.003	2190456	19.687 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.923	2082094	21.284 ug/ml
2) T Naphthalene (C11.7)	5.444	2228638	20.919 ug/ml
3) T 2-Methylnaphthalene (...)	6.491	2198920	20.554 ug/ml
5) T Acenaphthylene (C15.06)	7.768	2080186	20.088 ug/ml
7) T Acenaphthene (C15.5)	8.063	2175559	20.056 ug/ml
8) T Fluorene (C16.55)	8.842	2151976	19.794 ug/ml
9) T Phenanthrene (C19.36)	10.240	2139149	19.754 ug/ml
10) T Anthracene (C19.43)	10.314	2113291	19.672 ug/ml
12) T Fluoranthene (C21.85)	12.052	2217439	20.510 ug/ml
13) T Pyrene (C20.8)	12.350	2223775	20.650 ug/ml
14) T Benzo[a]anthracene (C...	14.260	2245063	21.413 ug/ml
15) T Chrysene (C27.41)	14.260	2245063	21.441 ug/ml
16) T benzo[b]fluoranthene ...	15.798	2307183	21.286 ug/ml
17) T Bnezo[k]fluoranthene ...	15.798	2307183	21.499 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.145	2310211	21.351 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.545	2322447	21.015 ug/ml
20) T Dibenz[a,h]anthracene...	17.545	2322447	21.605 ug/ml
21) T Benzo[g,h,i]perylene ...	17.764	2322582	21.431 ug/ml

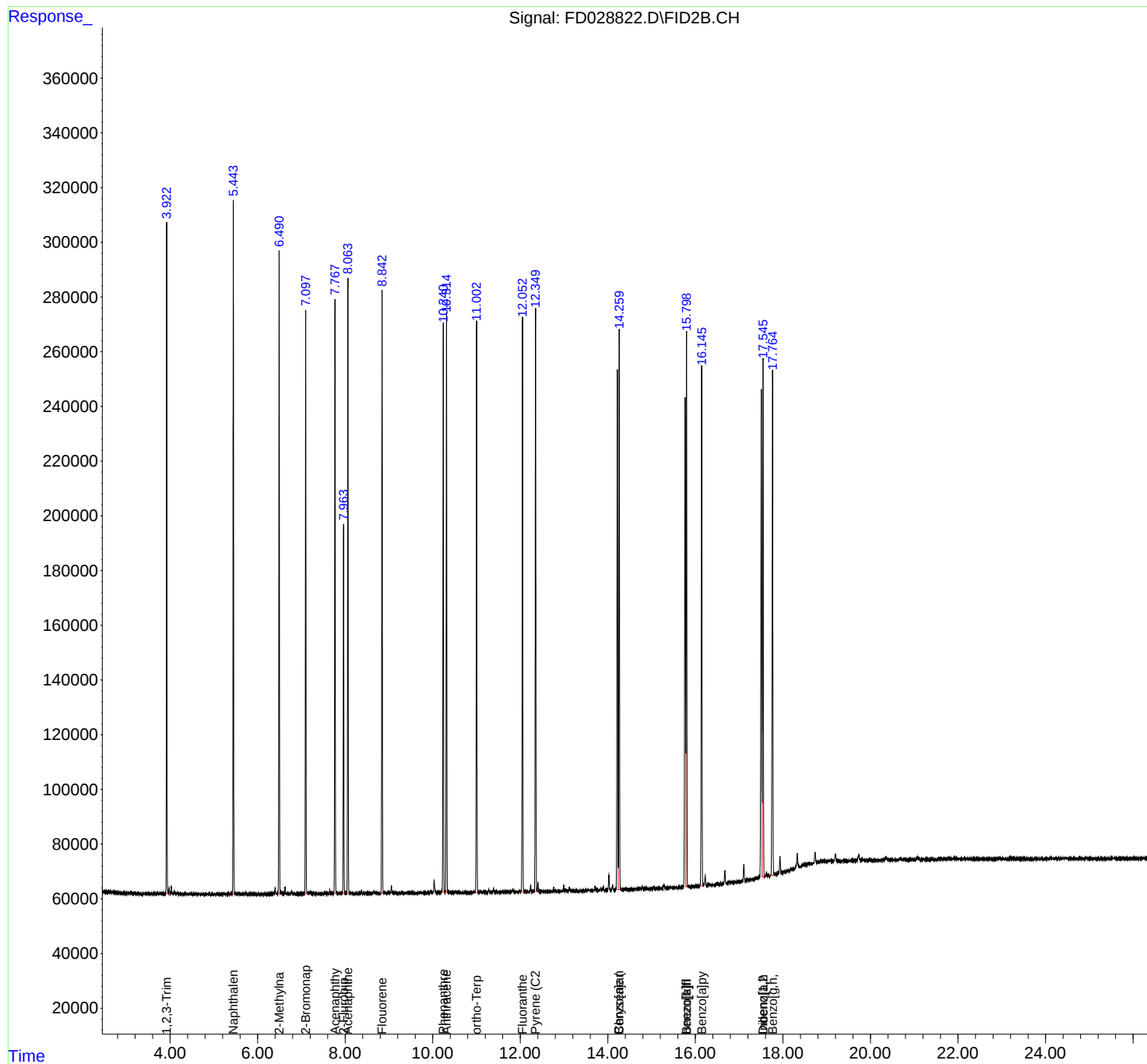
(f)=RT Delta > 1/2 Window

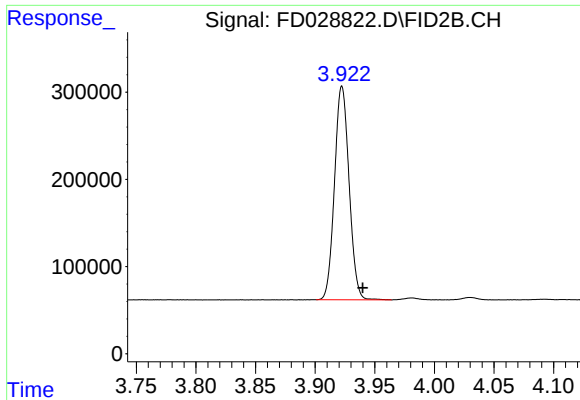
(m)=manual int.

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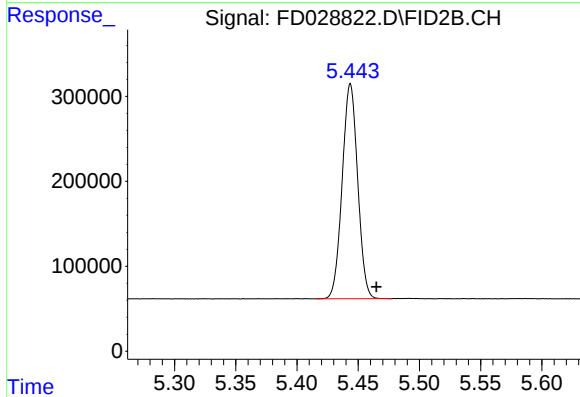
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





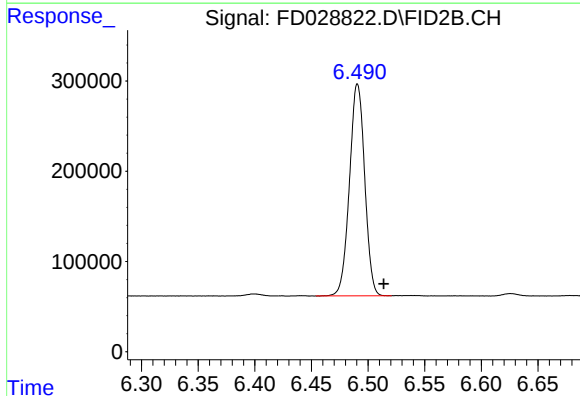
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.923 min
Delta R.T.: -0.017 min
Response: 2082094
Conc: 21.28 ug/ml



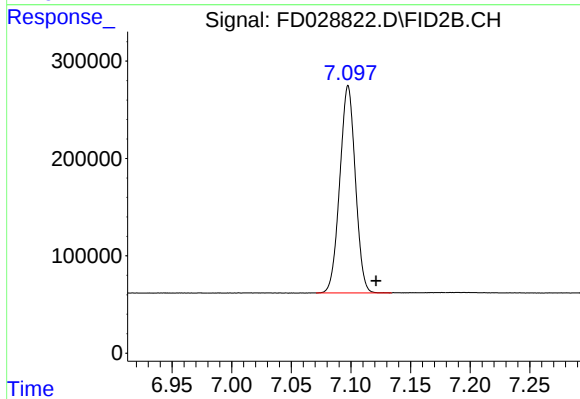
#2 Naphthalene (C11.7)

R.T.: 5.444 min
Delta R.T.: -0.021 min
Response: 2228638
Conc: 20.92 ug/ml



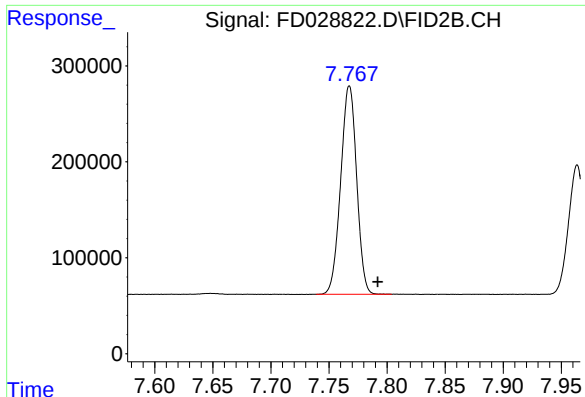
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.491 min
Delta R.T.: -0.023 min
Response: 2198920
Conc: 20.55 ug/ml



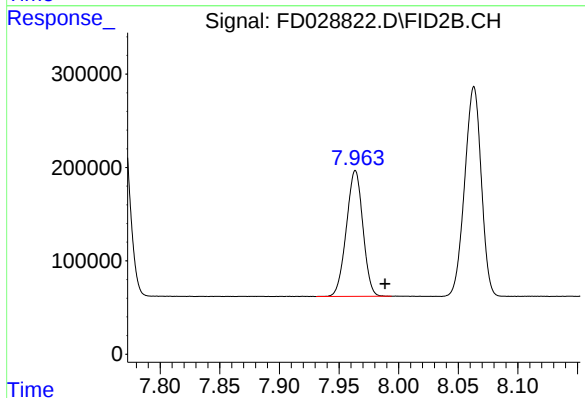
#4 2-Bromonaphthalene (SURR)

R.T.: 7.098 min
Delta R.T.: -0.023 min
Response: 1934958
Conc: 20.40 ug/ml



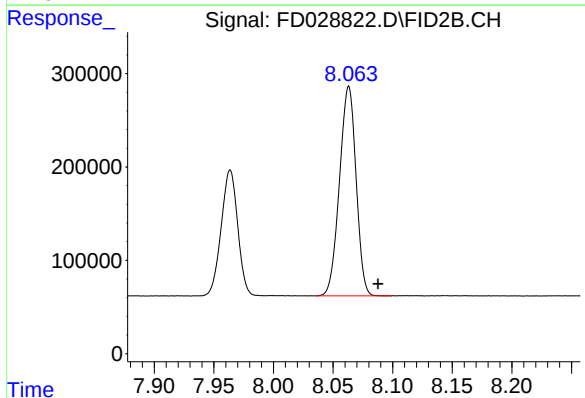
#5 Acenaphthylene (C15.06)

R.T.: 7.768 min
Delta R.T.: -0.025 min
Response: 2080186
Conc: 20.09 ug/ml



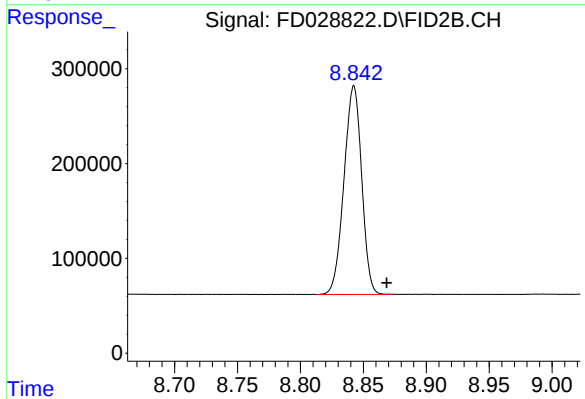
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.964 min
Delta R.T.: -0.025 min
Response: 1299832
Conc: 19.94 ug/ml



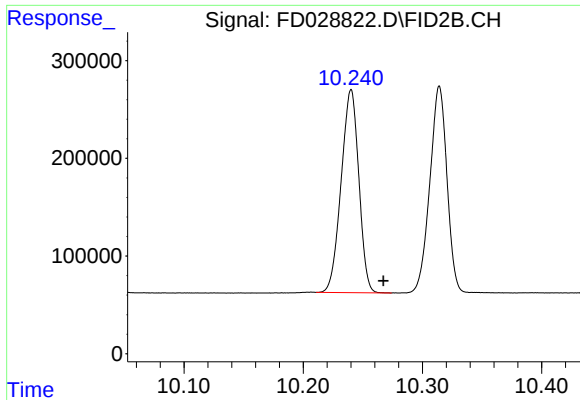
#7 Acenaphthene (C15.5)

R.T.: 8.063 min
Delta R.T.: -0.025 min
Response: 2175559
Conc: 20.06 ug/ml



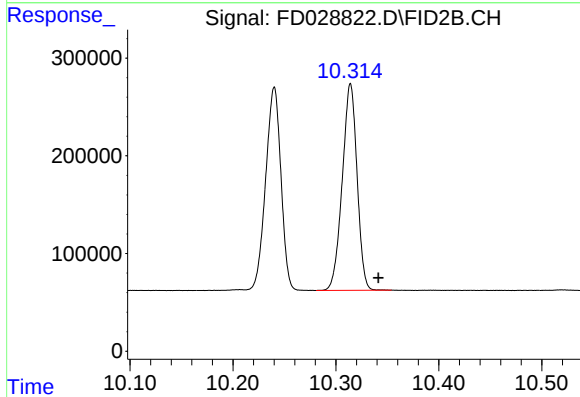
#8 Flouorene (C16.55)

R.T.: 8.842 min
Delta R.T.: -0.026 min
Response: 2151976
Conc: 19.79 ug/ml



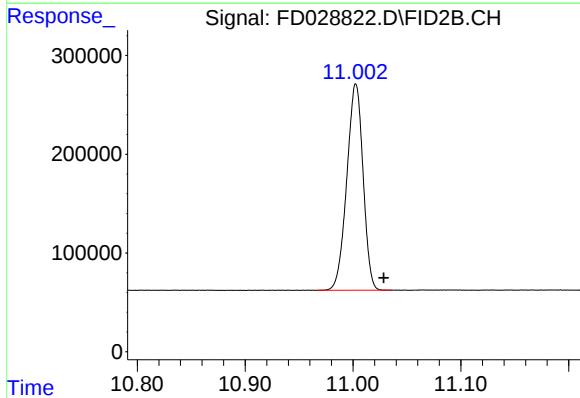
#9 Phenanthrene (C19.36)

R.T.: 10.240 min
Delta R.T.: -0.027 min
Response: 2139149
Conc: 19.75 ug/ml



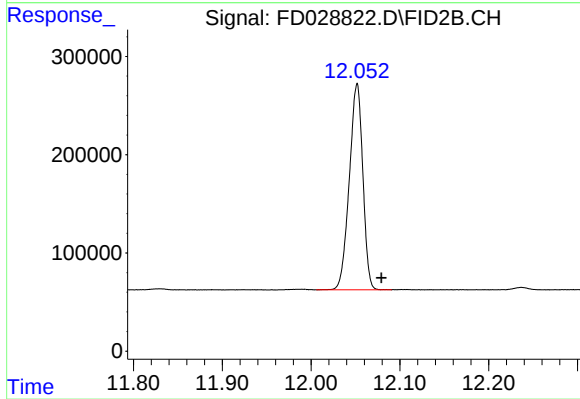
#10 Anthracene (C19.43)

R.T.: 10.314 min
Delta R.T.: -0.027 min
Response: 2113291
Conc: 19.67 ug/ml



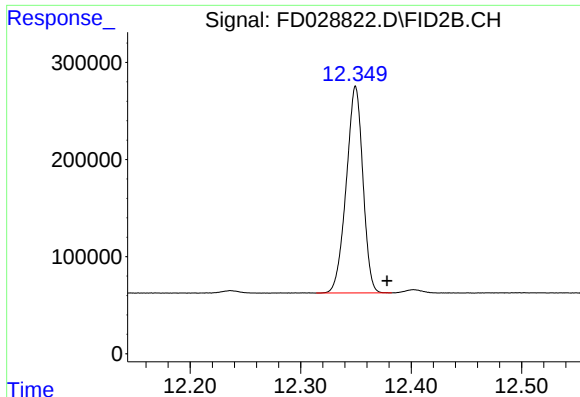
#11 ortho-Terphenyl (SURR)

R.T.: 11.003 min
Delta R.T.: -0.026 min
Response: 2190456
Conc: 19.69 ug/ml



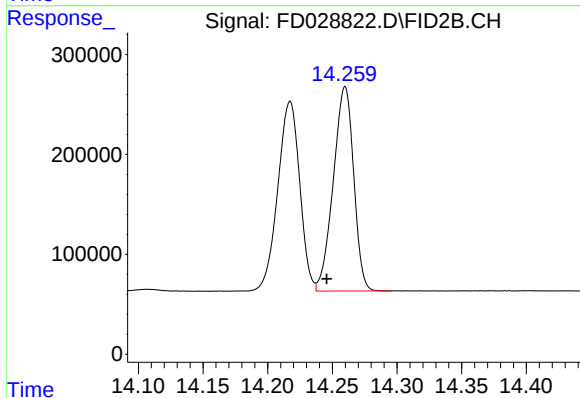
#12 Fluoranthene (C21.85)

R.T.: 12.052 min
Delta R.T.: -0.028 min
Response: 2217439
Conc: 20.51 ug/ml



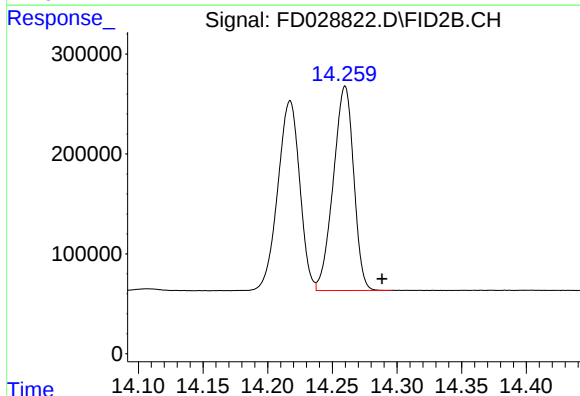
#13 Pyrene (C20.8)

R.T.: 12.350 min
Delta R.T.: -0.028 min
Response: 2223775
Conc: 20.65 ug/ml



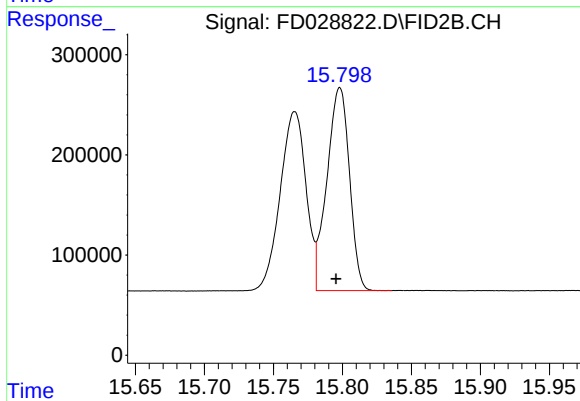
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.260 min
Delta R.T.: 0.014 min
Response: 2245063
Conc: 21.41 ug/ml



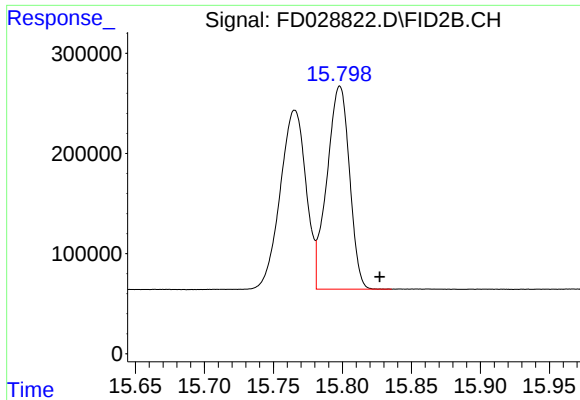
#15 Chrysene (C27.41)

R.T.: 14.260 min
Delta R.T.: -0.029 min
Response: 2245063
Conc: 21.44 ug/ml



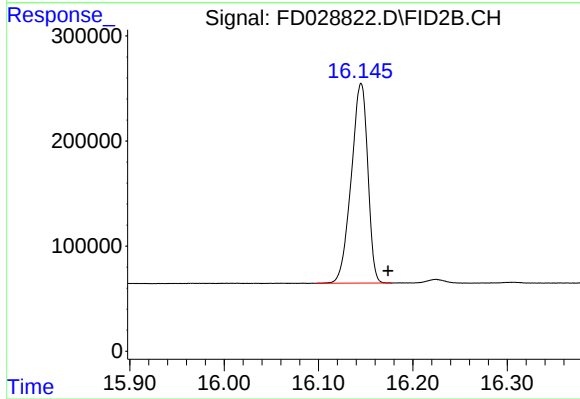
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.798 min
Delta R.T.: 0.003 min
Response: 2307183
Conc: 21.29 ug/ml



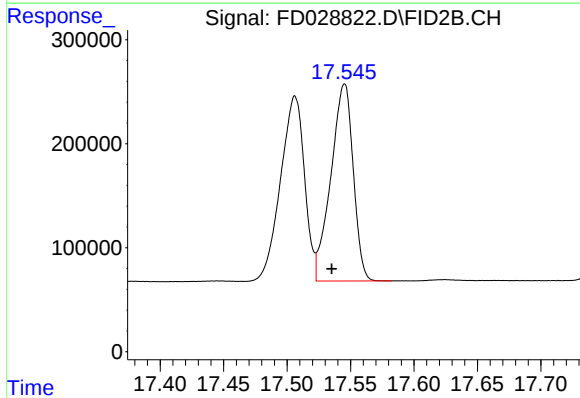
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.798 min
Delta R.T.: -0.029 min
Response: 2307183
Conc: 21.50 ug/ml



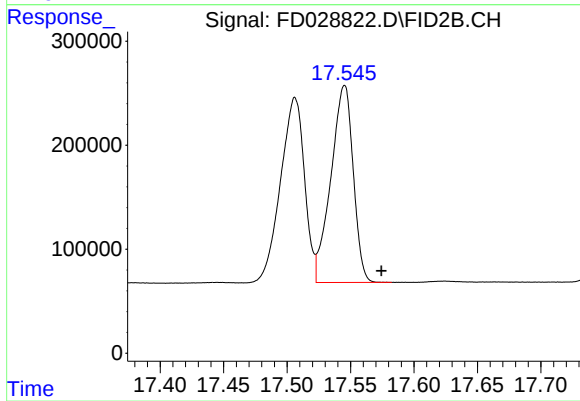
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.145 min
Delta R.T.: -0.029 min
Response: 2310211
Conc: 21.35 ug/ml



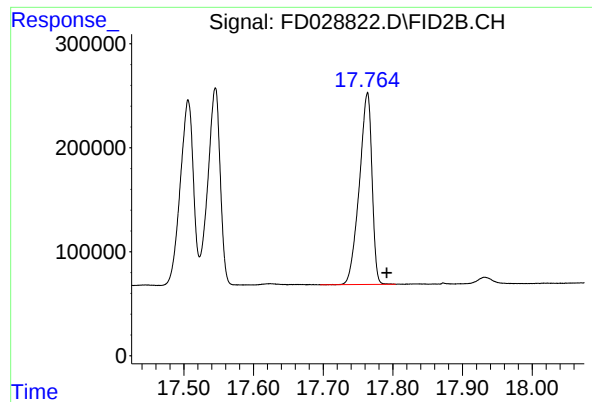
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.545 min
Delta R.T.: 0.010 min
Response: 2322447
Conc: 21.02 ug/ml



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

R.T.: 17.545 min
Delta R.T.: -0.029 min
Response: 2322447
Conc: 21.60 ug/ml



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

R.T.: 17.764 min
Delta R.T.: -0.028 min
Response: 2322582
Conc: 21.43 ug/ml