

Data Path : P:\HPCHEM1\FID D\Data\FD032918AR\
 Data File : FD022707.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2018 20:52
 Operator : UA/AJ
 Sample : J2009-02MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 01:18:23 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 2018
 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...	7.315	4912292	56.786 ug/ml
Spiked Amount 50.000		Recovery =	113.57%
6) S 2-Fluorobiphenyl (SURR)	8.173	3422016	64.780 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.56%
11) S ortho-Terphenyl (SURR)	11.199	4377964	41.188 ug/ml
Spiked Amount 50.000		Recovery =	82.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.125	2969778	30.492 ug/ml
2) T Naphthalene (C11.7)	5.654	2995700	32.259 ug/ml
3) T 2-Methylnaphthalene (...)	6.704	3589734	39.052 ug/ml
5) T Acenaphthylene (C15.06)	7.971	3755321	37.238 ug/ml
7) T Acenaphthene (C15.5)	8.264	4244412	38.623 ug/ml
8) T Fluorene (C16.55)	9.046	4158477	41.290 ug/ml
9) T Phenanthrene (C19.36)	10.439	6167616	58.604 ug/ml
10) T Anthracene (C19.43)	10.516	4704681	43.846 ug/ml
12) T Fluoranthene (C21.85)	12.250	6952817	61.339 ug/ml
13) T Pyrene (C20.8)	12.543	6421216	57.221 ug/ml
14) T Benzo[alanthracene (C...	14.423	5544590	53.689 ug/ml
15) T Chrysene (C27.41)	14.464	6638641	57.177 ug/ml
16) T benzo[blfluoranthene ...	15.982	5536281	53.283 ug/ml
17) T Bnezo[klfluoranthene ...	16.011	4984464	41.122 ug/ml
18) T Benzo[alpyrene (C31.34)	16.360	4949196	46.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.766	4455422	66.537 ug/ml
20) T Dibenz[fa,h]anthracene...	17.766	4455422	36.662 ug/ml
21) T Benzo[fa,h,ilpervlene ...	17.990	3221340	39.065 ug/ml

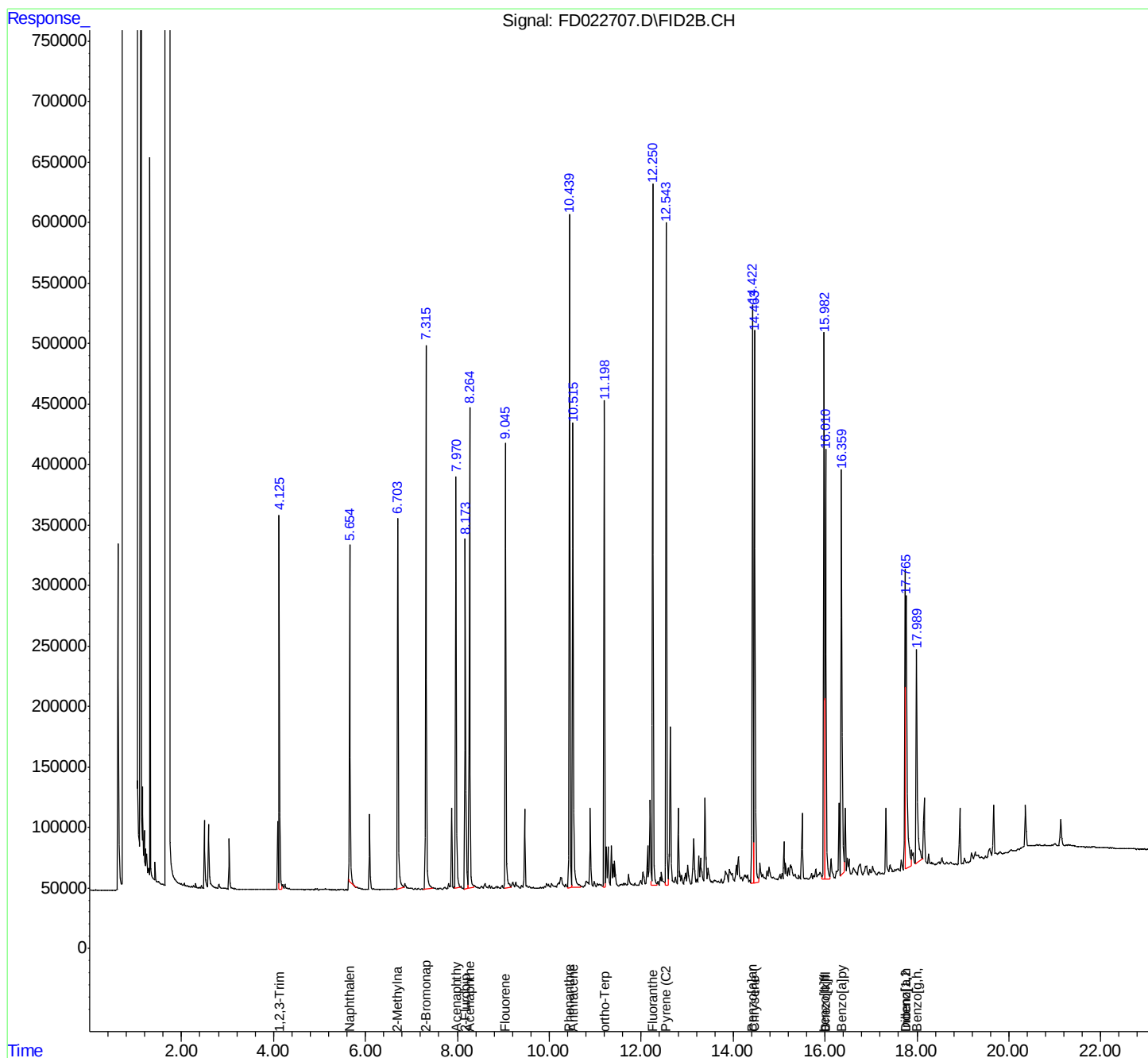
(f)=RT Delta > 1/2 Window

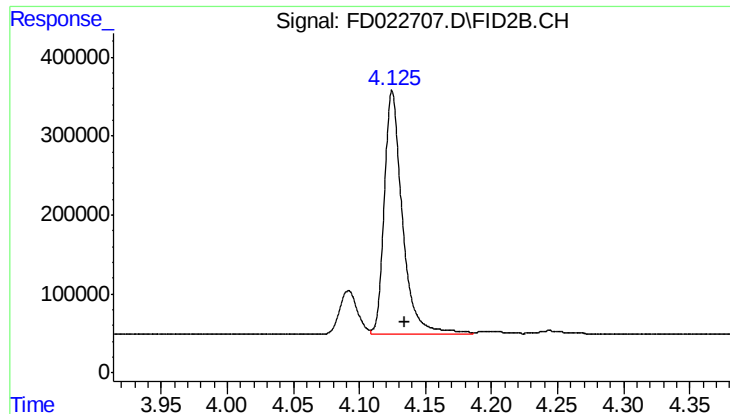
(m)=manual int.

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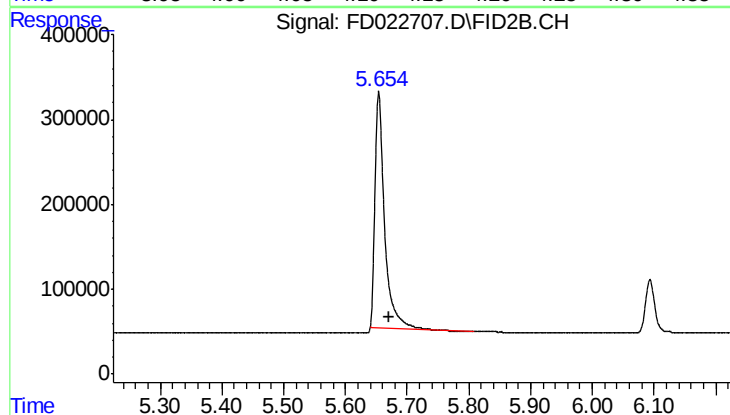
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Signal Info : 20M x 0.18mm x 0.18µm





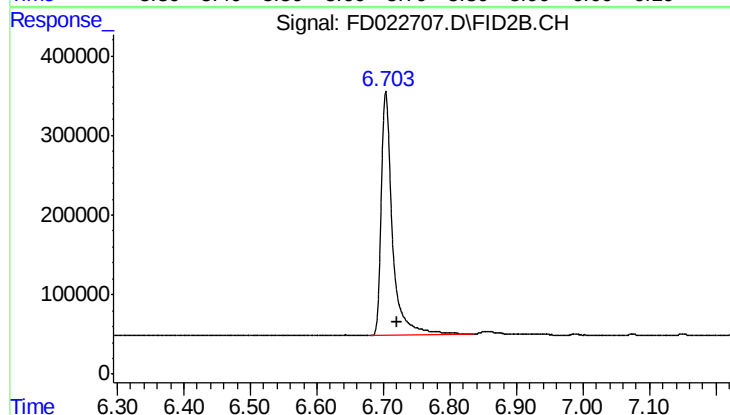
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.125 min
Delta R.T.: -0.009 min
Response: 2969778
Conc: 30.49 ug/ml



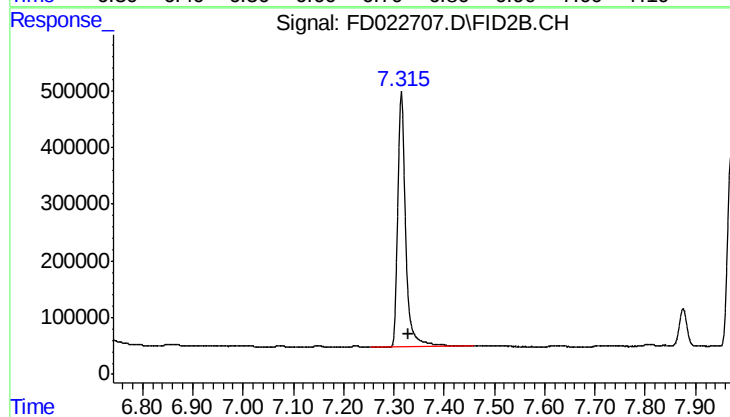
#2 Naphthalene (C11.7)

R.T.: 5.654 min
Delta R.T.: -0.016 min
Response: 2995700
Conc: 32.26 ug/ml



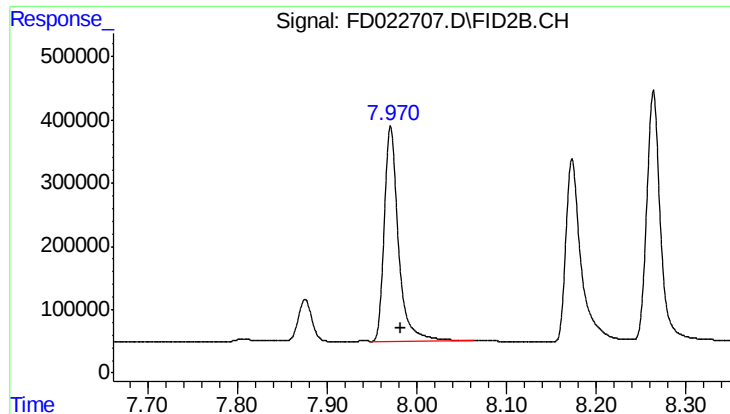
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.704 min
Delta R.T.: -0.016 min
Response: 3589734
Conc: 39.05 ug/ml



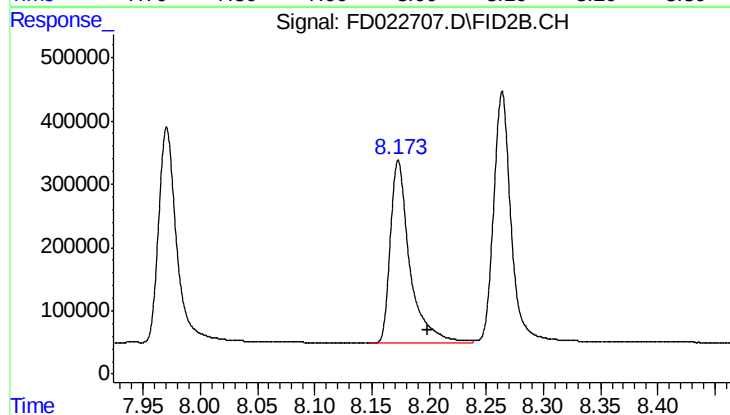
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min
Delta R.T.: -0.014 min
Response: 4912292
Conc: 56.79 ug/ml



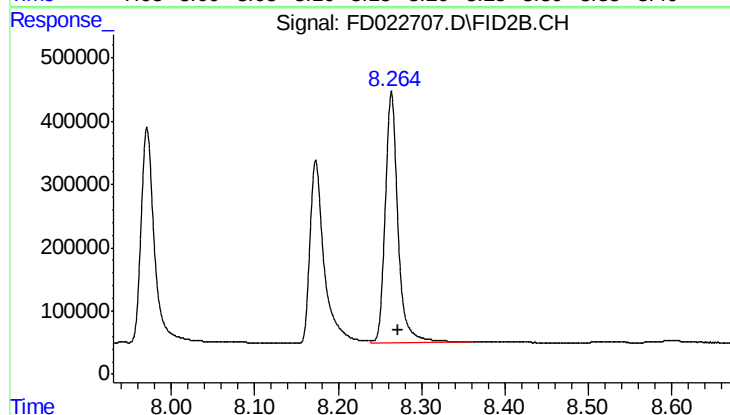
#5 Acenaphthylene (C15.06)

R.T.: 7.971 min
Delta R.T.: -0.012 min
Response: 3755321
Conc: 37.24 ug/ml



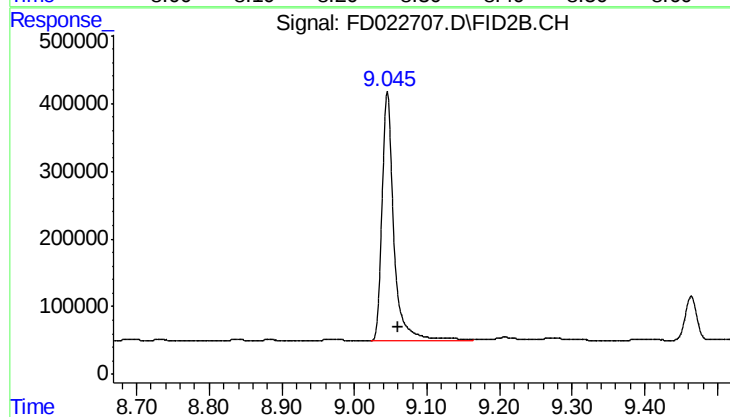
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: -0.026 min
Response: 3422016
Conc: 64.78 ug/ml



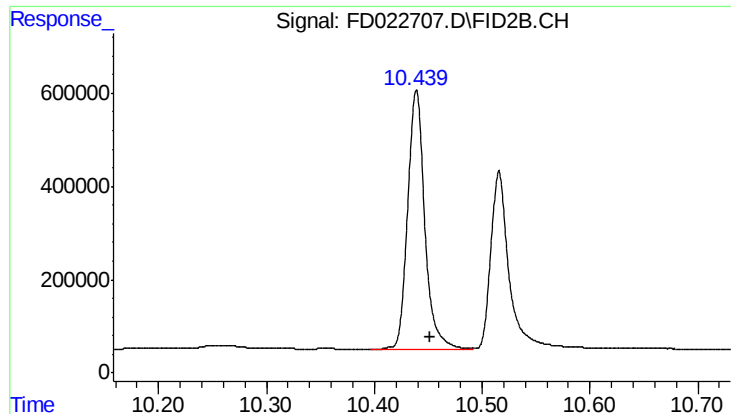
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 4244412
Conc: 38.62 ug/ml



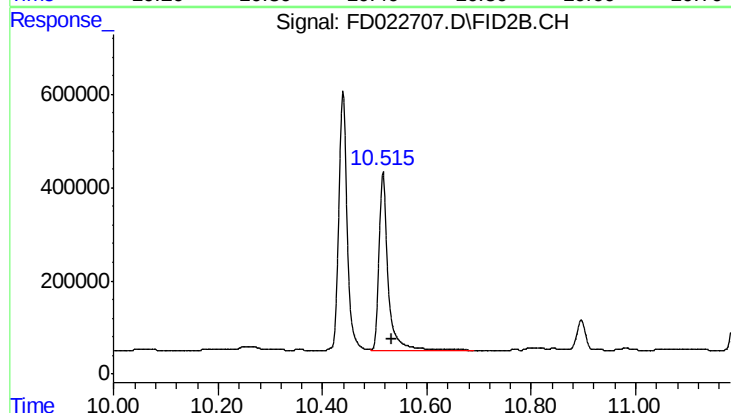
#8 Fluorene (C16.55)

R.T.: 9.046 min
Delta R.T.: -0.014 min
Response: 4158477
Conc: 41.29 ug/ml



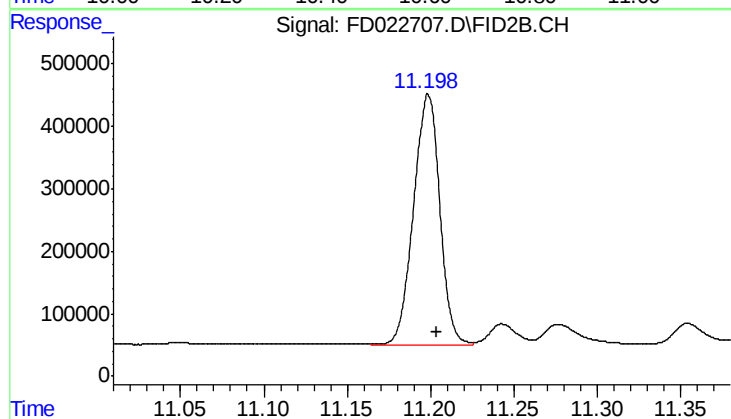
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.013 min
Response: 6167616
Conc: 58.60 ug/ml



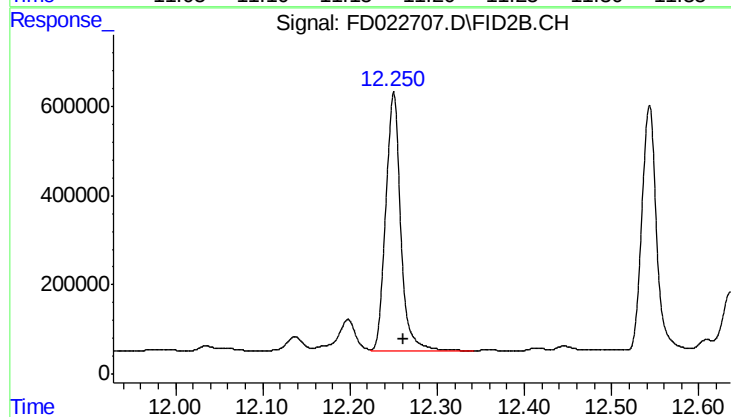
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.016 min
Response: 4704681
Conc: 43.85 ug/ml



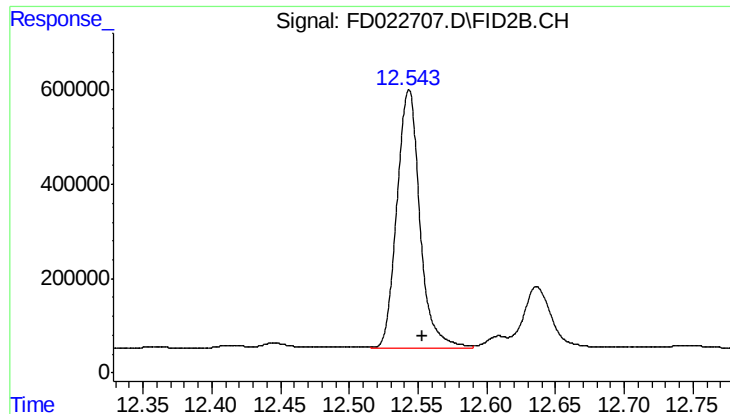
#11 ortho-Terphenyl (SURRE)

R.T.: 11.199 min
Delta R.T.: -0.005 min
Response: 4377964
Conc: 41.19 ug/ml



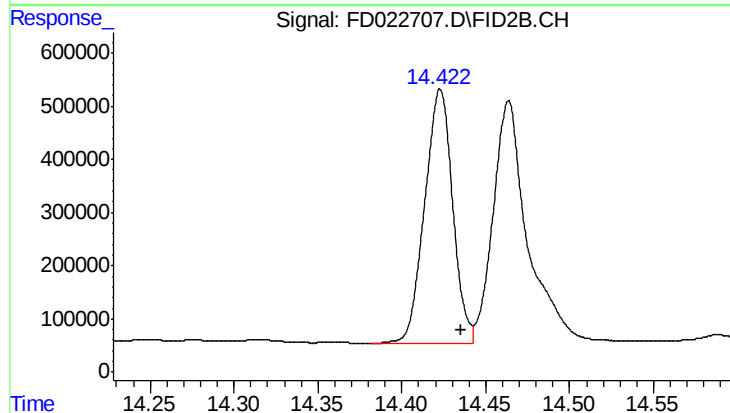
#12 Fluoranthene (C21.85)

R.T.: 12.250 min
Delta R.T.: -0.011 min
Response: 6952817
Conc: 61.34 ug/ml



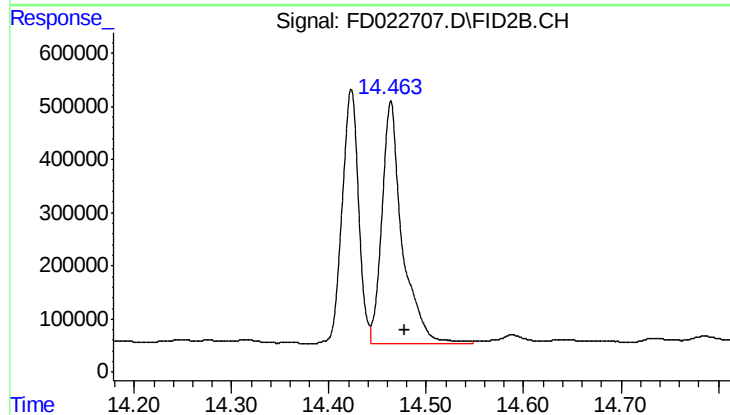
#13 Pyrene (C20.8)

R.T.: 12.543 min
Delta R.T.: -0.010 min
Response: 6421216
Conc: 57.22 ug/ml



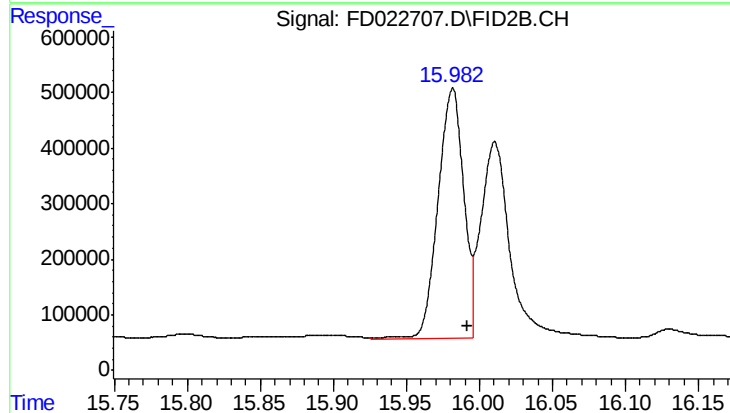
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: -0.012 min
Response: 5544590
Conc: 53.69 ug/ml



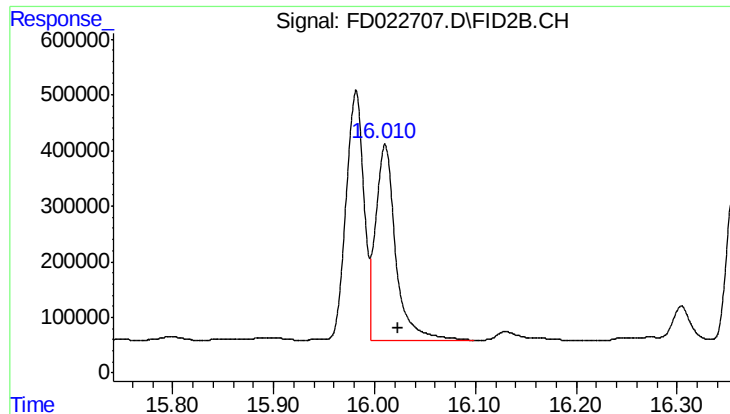
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.013 min
Response: 6638641
Conc: 57.18 ug/ml



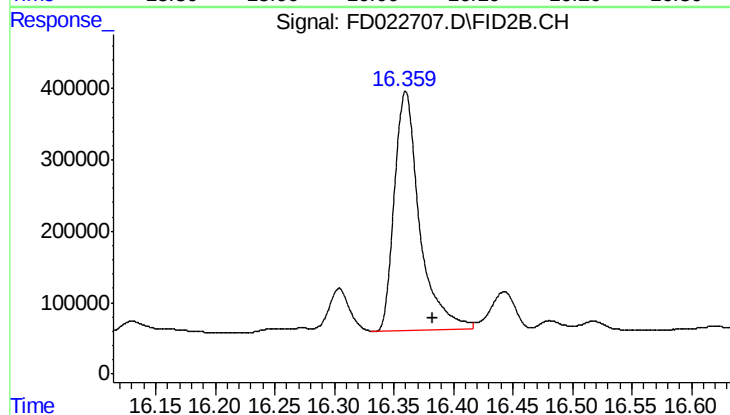
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.982 min
Delta R.T.: -0.010 min
Response: 5536281
Conc: 53.28 ug/ml



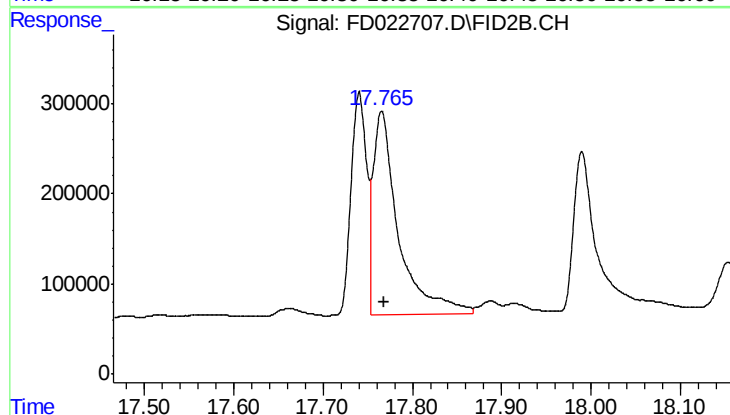
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: -0.012 min
Response: 4984464
Conc: 41.12 ug/ml



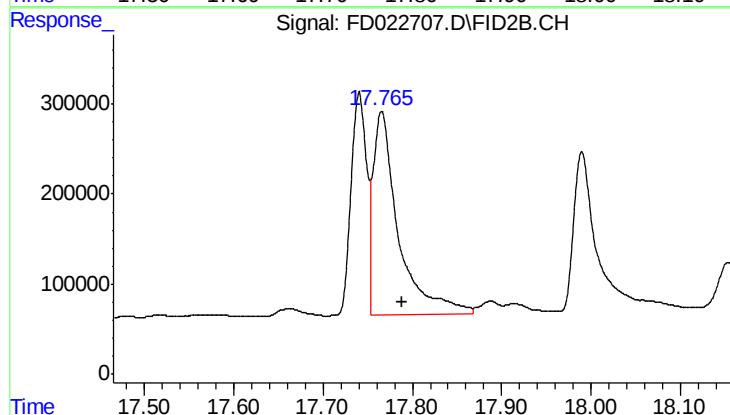
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: -0.023 min
Response: 4949196
Conc: 46.48 ug/ml



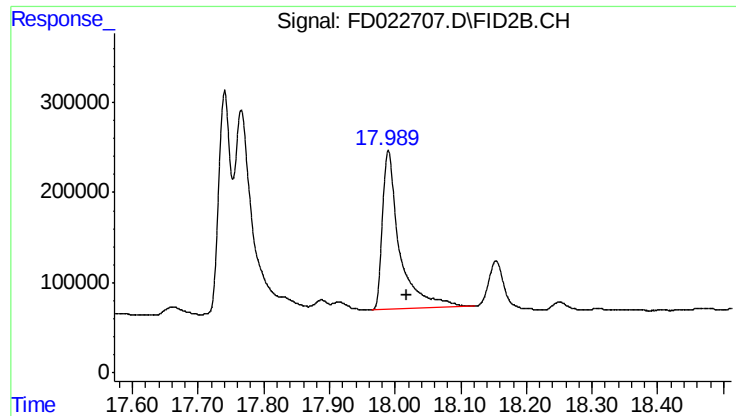
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.766 min
Delta R.T.: -0.003 min
Response: 4455422
Conc: 66.54 ug/ml



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

R.T.: 17.766 min
Delta R.T.: -0.024 min
Response: 4455422
Conc: 36.66 ug/ml



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

R.T.: 17.990 min
Delta R.T.: -0.029 min
Response: 3221340
Conc: 39.06 ug/ml