

Data Path : P:\HPCHEM1\FID D\Data\FD031418AR\
 Data File : FD022533.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2018 16:17
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 02:50:25 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.326	1792845	21.400 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
6) S 2-Fluorobiphenyl (SURR)	8.186	1128212	22.315 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.63%
11) S ortho-Terphenyl (SURR)	11.209	2172733	22.895 ug/ml
Spiked Amount 50.000		Recovery =	45.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.133	1967721	22.282 ug/ml
2) T Naphthalene (C11.7)	5.665	1955673	21.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	1916517	21.102 ug/ml
5) T Acenaphthylene (C15.06)	7.981	2054893	21.457 ug/ml
7) T Acenaphthene (C15.5)	8.274	2178553	21.267 ug/ml
8) T Fluorene (C16.55)	9.056	2098275	22.378 ug/ml
9) T Phenanthrene (C19.36)	10.449	2174332	23.337 ug/ml
10) T Anthracene (C19.43)	10.526	2159698	22.775 ug/ml
12) T Fluoranthene (C21.85)	12.259	2311568	23.045 ug/ml
13) T Pyrene (C20.8)	12.553	2299862	22.637 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.473	2320326	24.062 ug/ml
15) T Chrysene (C27.41)	14.473	2320326	21.498 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.021	2425452	24.127 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.021	2425452	21.374 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.374	2084795	19.838 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.781	2588950	27.174 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.781	2588950	22.783 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.007	1594923	15.356 ug/ml

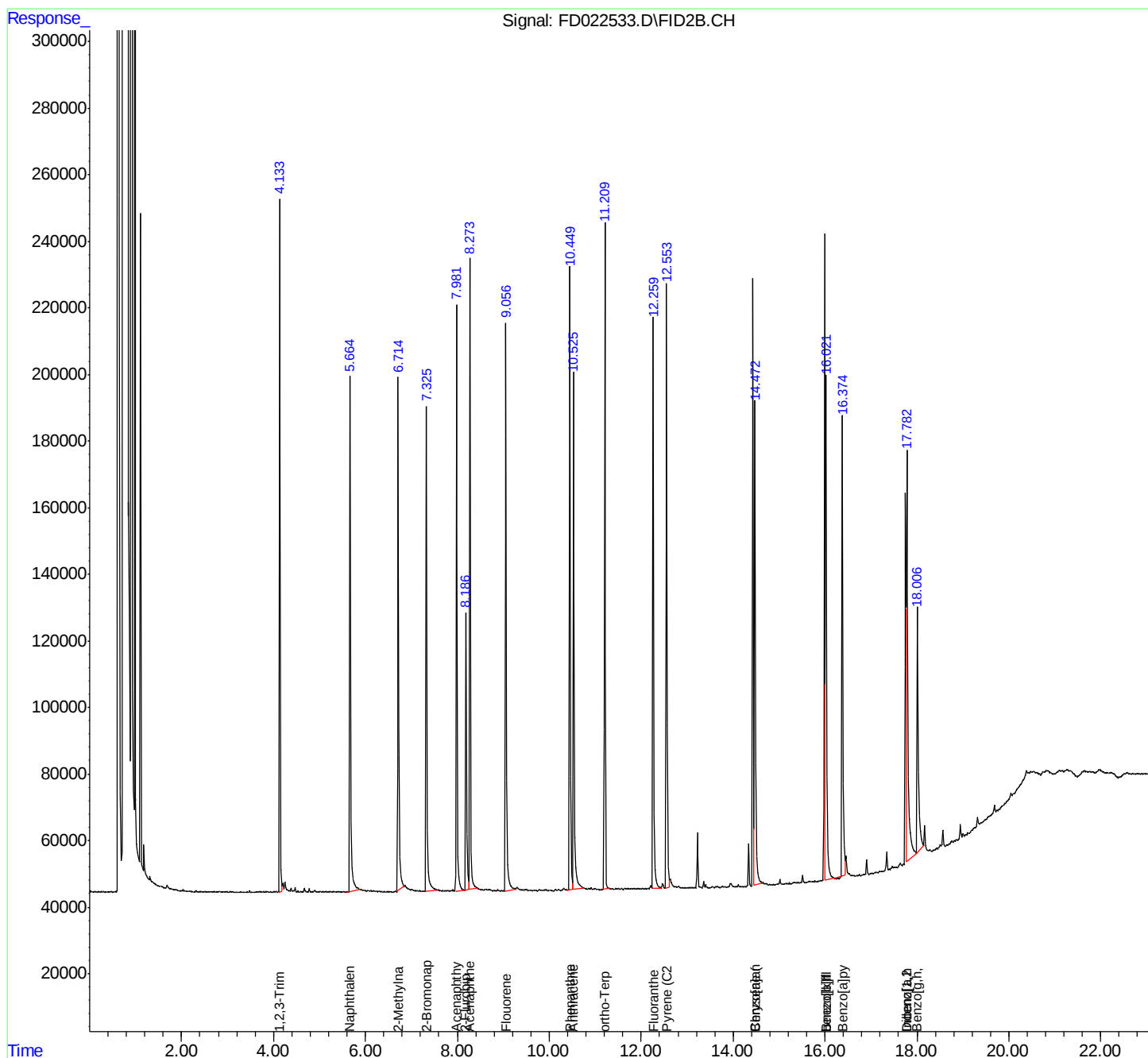
(f)=RT Delta > 1/2 Window

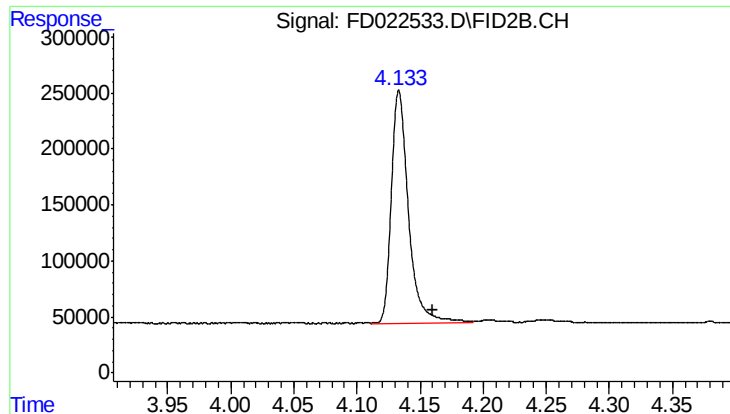
(m)=manual int.

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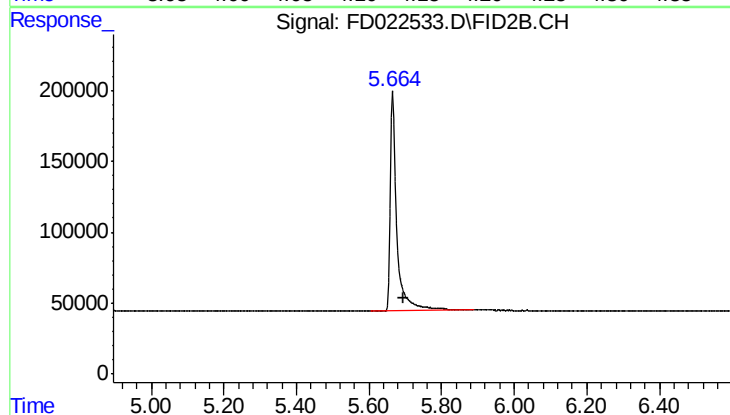
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Signal Info : 20M x 0.18mm x 0.18µm





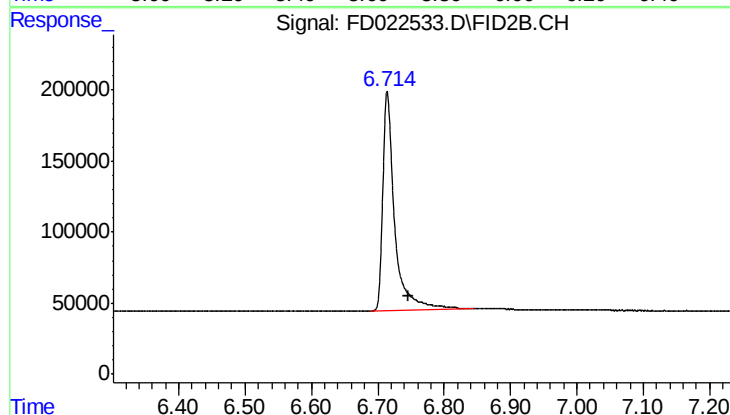
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.133 min
Delta R.T.: -0.026 min
Response: 1967721
Conc: 22.28 ug/ml



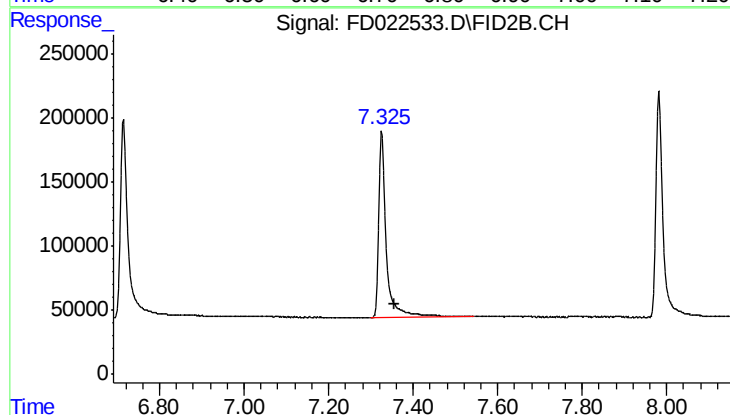
#2 Naphthalene (C11.7)

R.T.: 5.665 min
Delta R.T.: -0.031 min
Response: 1955673
Conc: 21.86 ug/ml



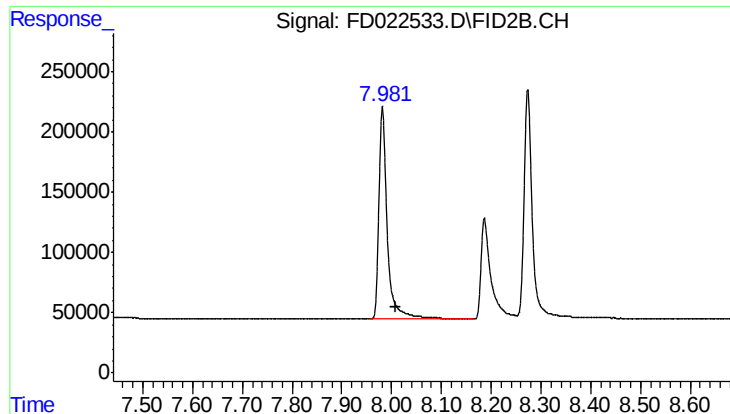
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.031 min
Response: 1916517
Conc: 21.10 ug/ml



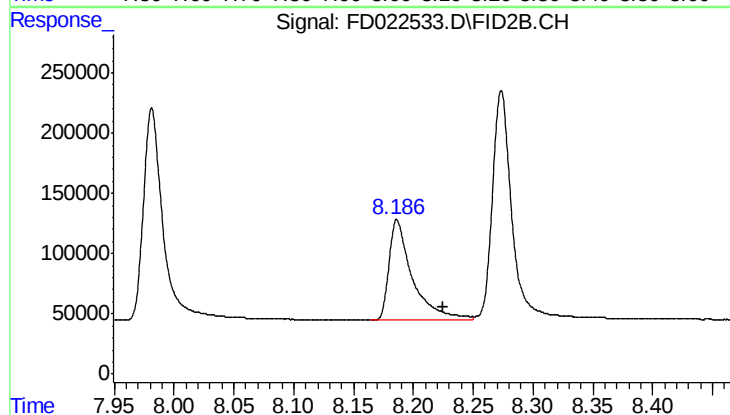
#4 2-Bromonaphthalene (SURR)

R.T.: 7.326 min
Delta R.T.: -0.030 min
Response: 1792845
Conc: 21.40 ug/ml



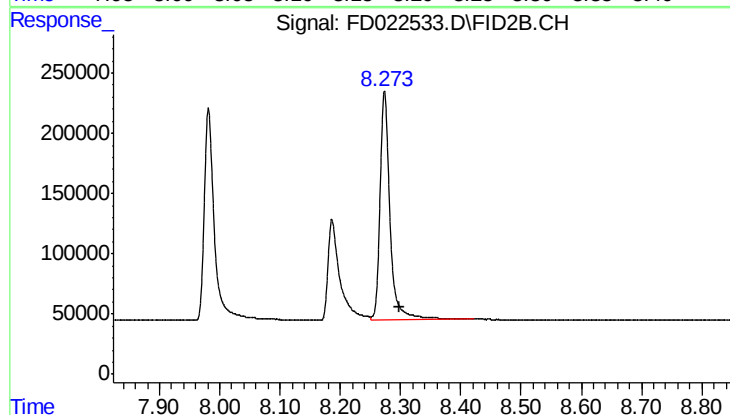
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.027 min
Response: 2054893
Conc: 21.46 ug/ml



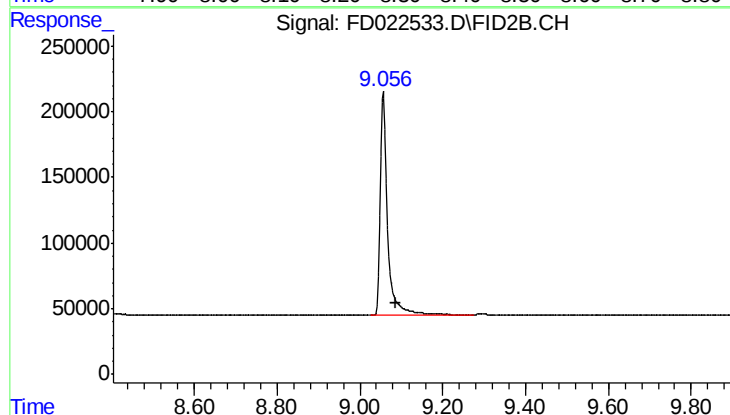
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.186 min
Delta R.T.: -0.038 min
Response: 1128212
Conc: 22.32 ug/ml



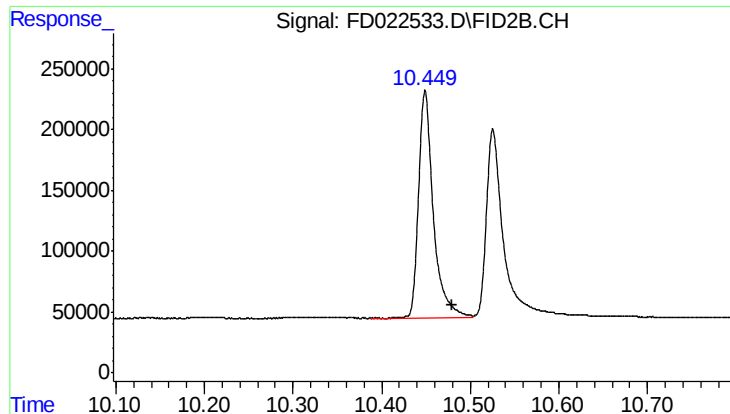
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: -0.025 min
Response: 2178553
Conc: 21.27 ug/ml



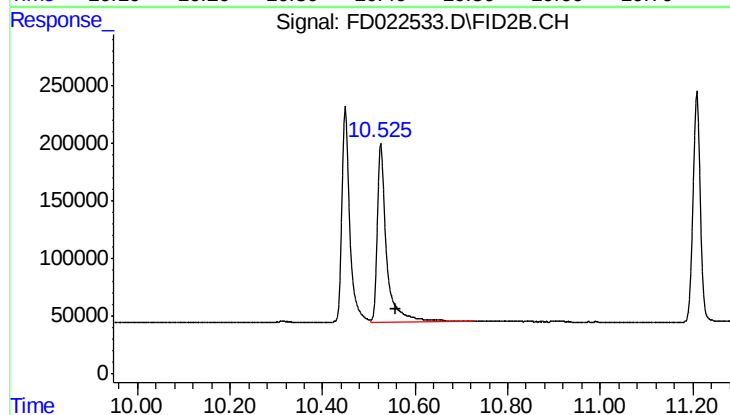
#8 Fluorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.030 min
Response: 2098275
Conc: 22.38 ug/ml



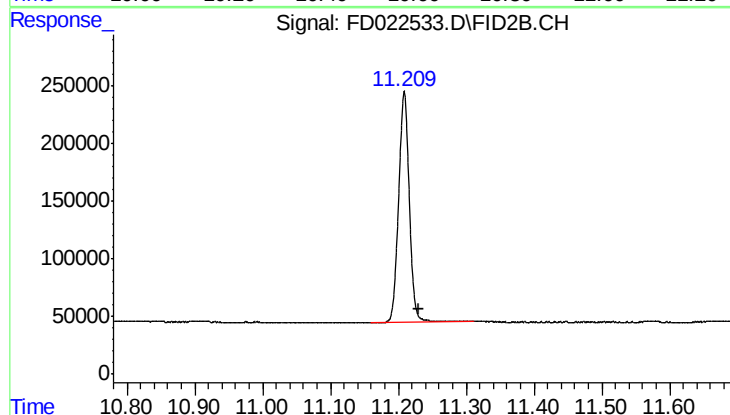
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.031 min
Response: 2174332
Conc: 23.34 ug/ml



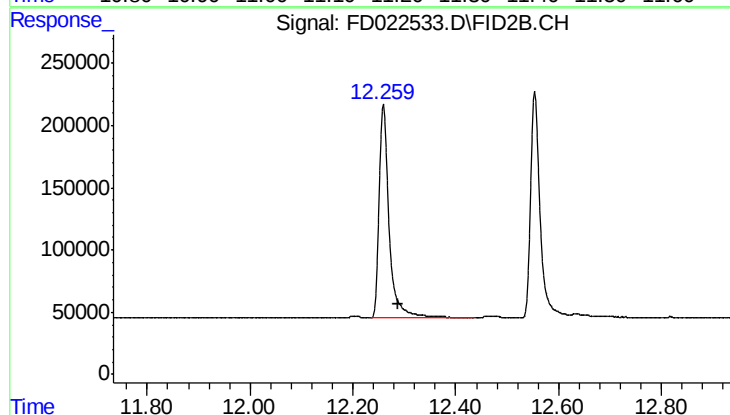
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: -0.033 min
Response: 2159698
Conc: 22.78 ug/ml



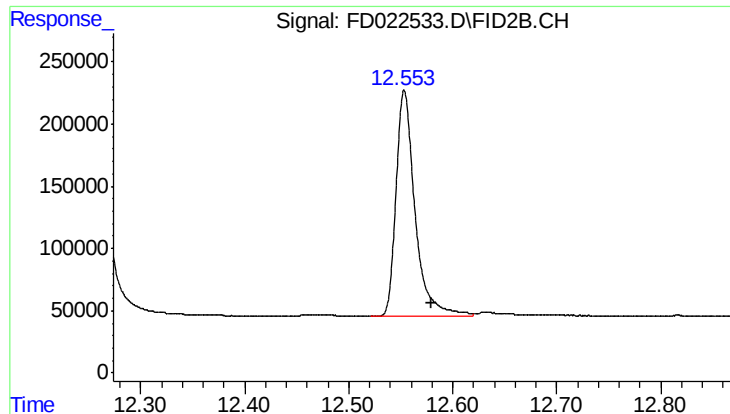
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: -0.021 min
Response: 2172733
Conc: 22.89 ug/ml



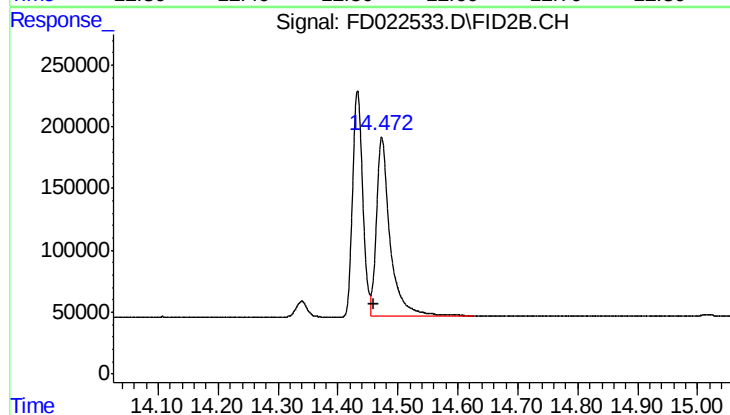
#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.029 min
Response: 2311568
Conc: 23.05 ug/ml



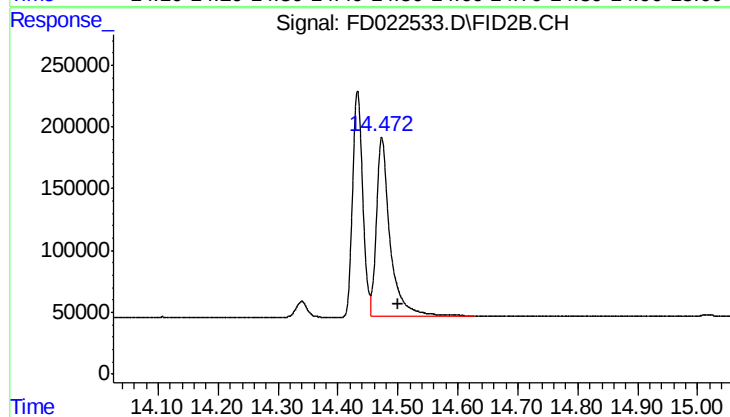
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.027 min
Response: 2299862
Conc: 22.64 ug/ml



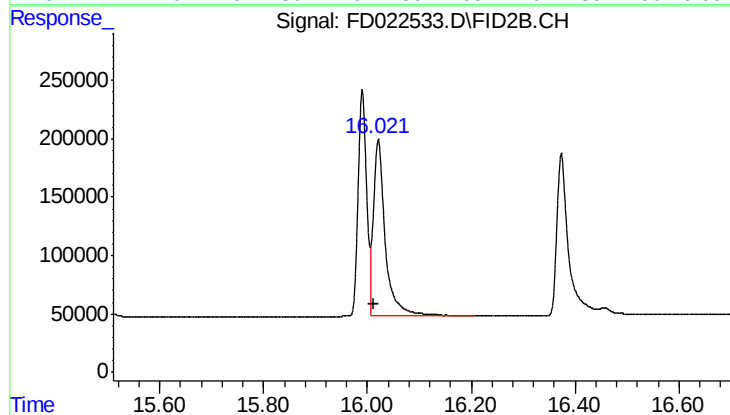
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: 0.014 min
Response: 2320326
Conc: 24.06 ug/ml



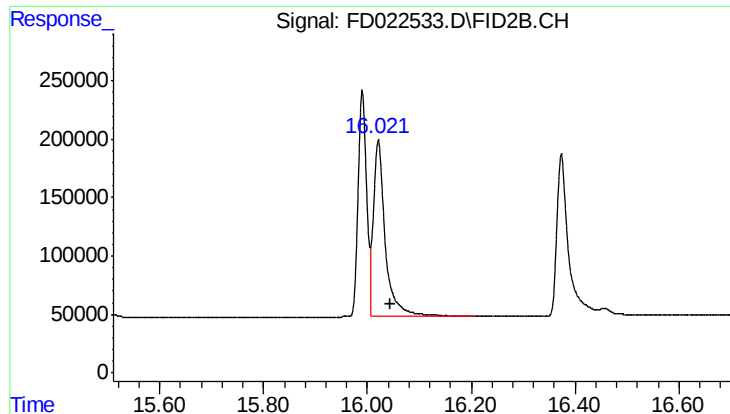
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.027 min
Response: 2320326
Conc: 21.50 ug/ml



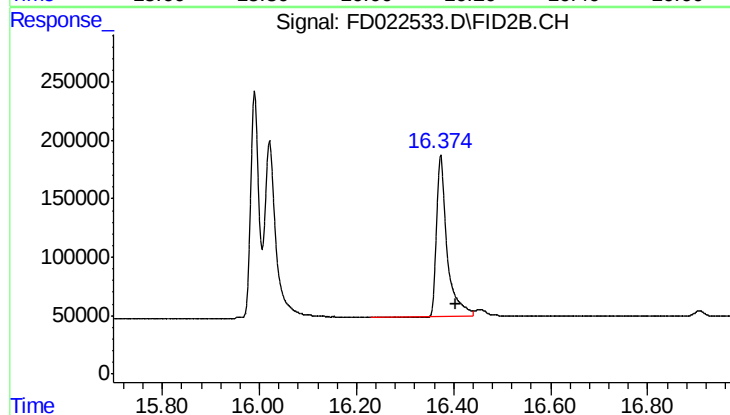
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: 0.009 min
Response: 2425452
Conc: 24.13 ug/ml



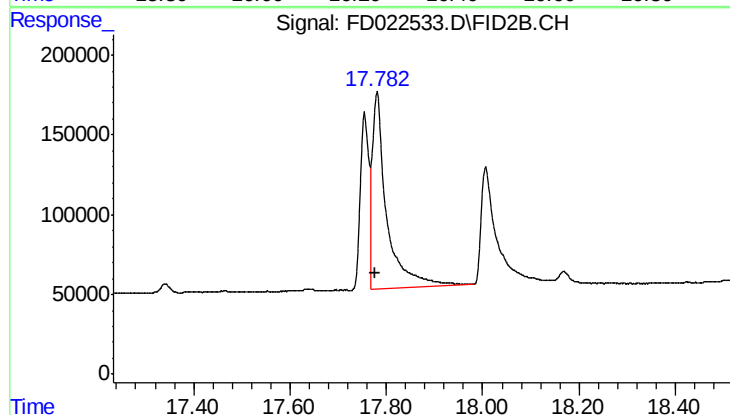
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: -0.025 min
Response: 2425452
Conc: 21.37 ug/ml



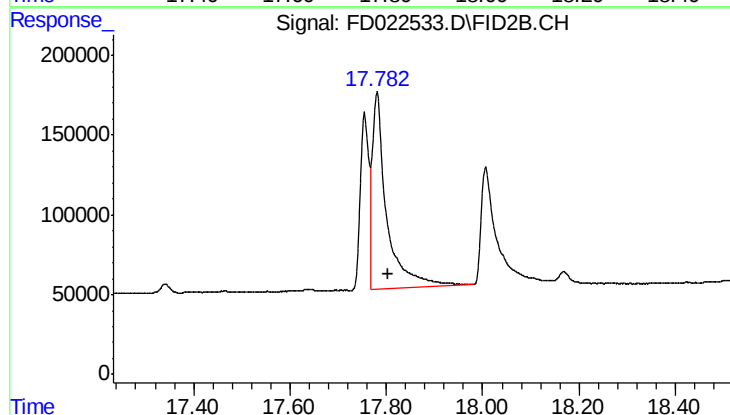
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.031 min
Response: 2084795
Conc: 19.84 ug/ml



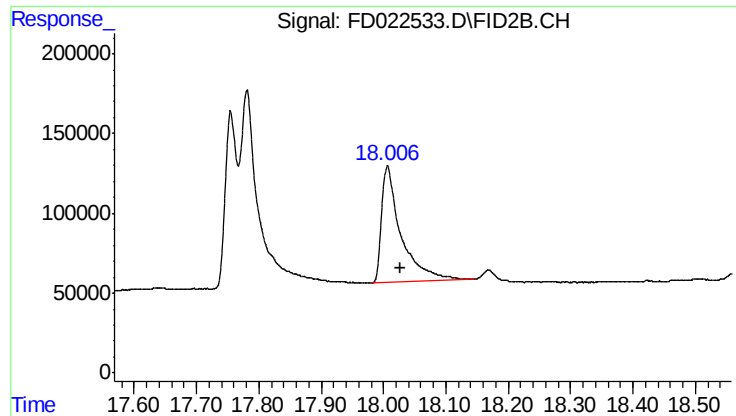
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: 0.004 min
Response: 2588950
Conc: 27.17 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.024 min
Response: 2588950
Conc: 22.78 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.021 min
Response: 1594923
Conc: 15.36 ug/ml