

Data Path : P:\HPCHEM1\FID D\Data\FD031518AR\
 Data File : FD022541.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2018 21:19
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 04:02:17 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...	7.325	1986383	23.710 ug/ml
Spiked Amount 50.000		Recovery =	47.42%
6) S 2-Fluorobiphenyl (SURR)	8.185	1220996	24.151 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.30%
11) S ortho-Terphenyl (SURR)	11.208	2248388	23.692 ug/ml
Spiked Amount 50.000		Recovery =	47.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.132	2121848	24.028 ug/ml
2) T Naphthalene (C11.7)	5.664	2161850	24.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	2132651	23.482 ug/ml
5) T Acenaphthylene (C15.06)	7.980	2222110	23.203 ug/ml
7) T Acenaphthene (C15.5)	8.273	2344854	22.890 ug/ml
8) T Fluorene (C16.55)	9.055	2181193	23.262 ug/ml
9) T Phenanthrene (C19.36)	10.448	2220071	23.828 ug/ml
10) T Anthracene (C19.43)	10.524	2206932	23.273 ug/ml
12) T Fluoranthene (C21.85)	12.257	2335073	23.280 ug/ml
13) T Pyrene (C20.8)	12.551	2333917	22.972 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.430	2236644	23.194 ug/mlm
15) T Chrysene (C27.41)	14.472	2387147	22.118 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.988	2293559	22.815 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.019	2471989	21.784 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.371	2230887	21.228 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.749	1685730	17.693 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.778	2634609	23.184 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.999	1847481	17.788 ug/ml

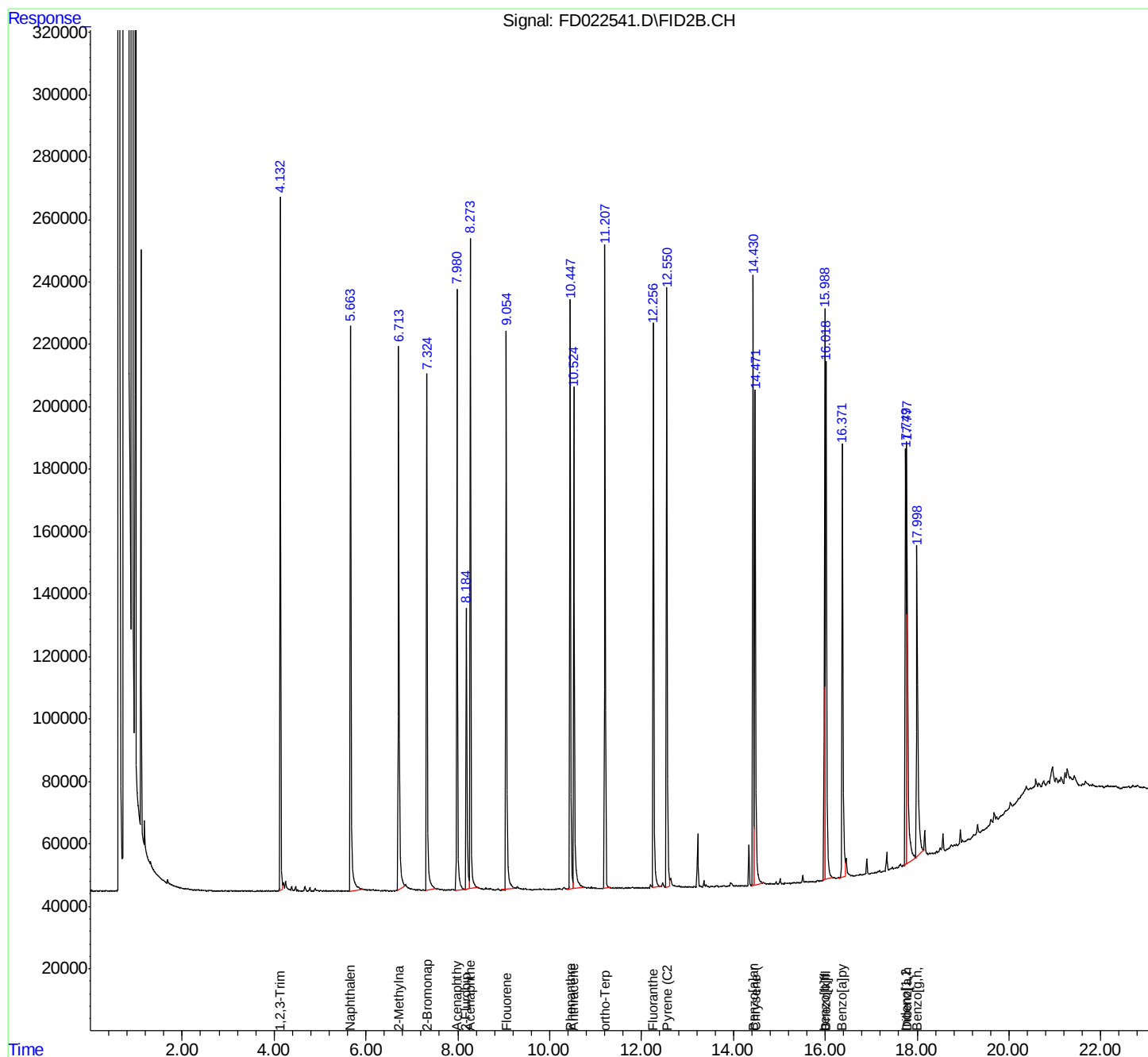
(f)=RT Delta > 1/2 Window

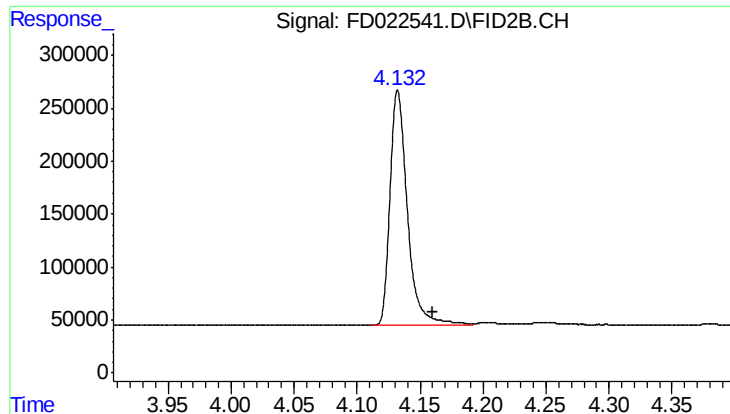
(m)=manual int.

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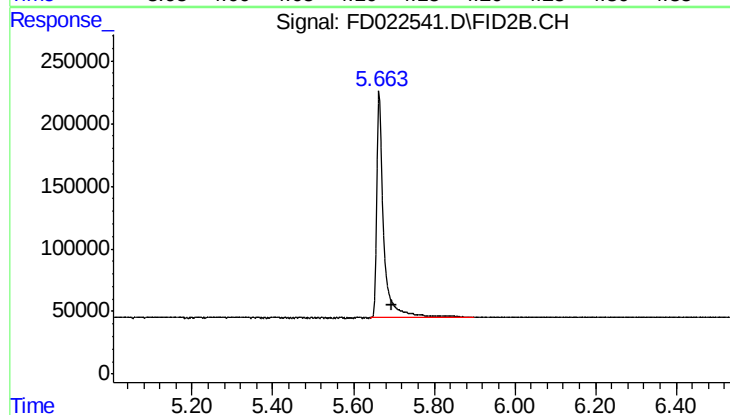
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Signal Info : 20M x 0.18mm x 0.18µm





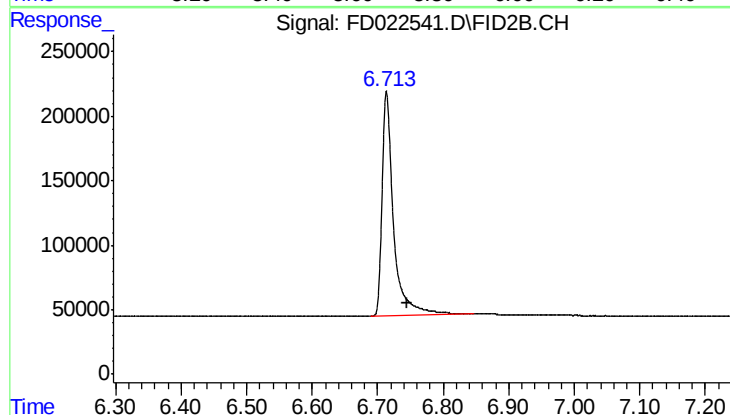
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.132 min
Delta R.T.: -0.027 min
Response: 2121848
Conc: 24.03 ug/ml



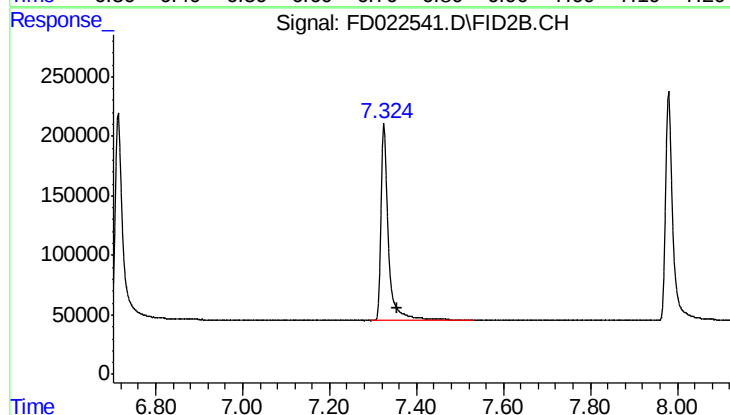
#2 Naphthalene (C11.7)

R.T.: 5.664 min
Delta R.T.: -0.032 min
Response: 2161850
Conc: 24.17 ug/ml



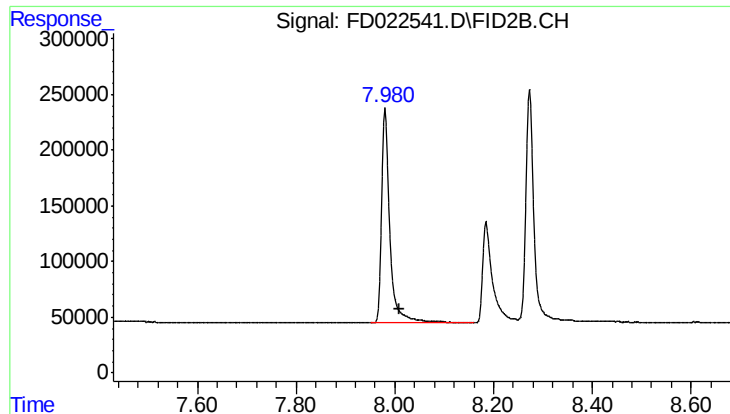
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.032 min
Response: 2132651
Conc: 23.48 ug/ml



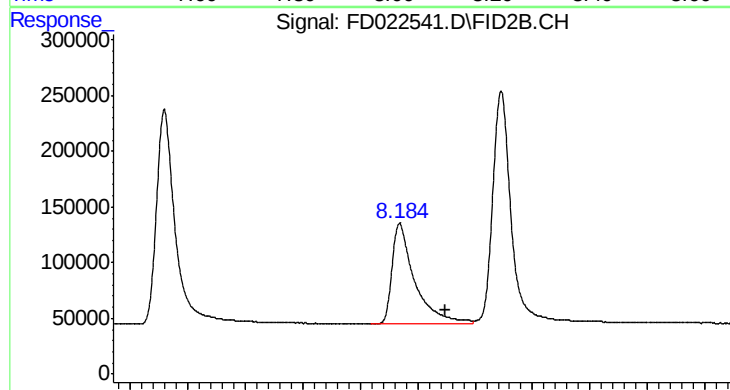
#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: -0.030 min
Response: 1986383
Conc: 23.71 ug/ml



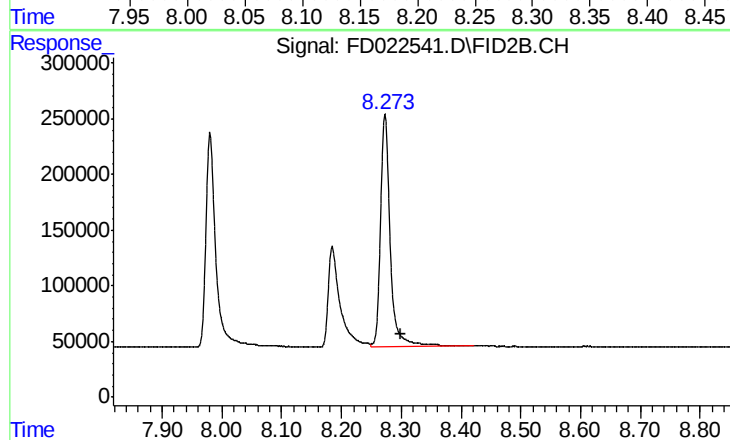
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: -0.029 min
Response: 2222110
Conc: 23.20 ug/ml



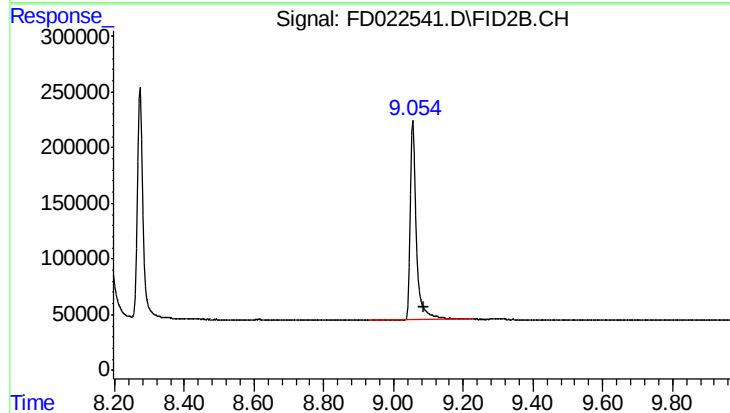
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.040 min
Response: 1220996
Conc: 24.15 ug/ml



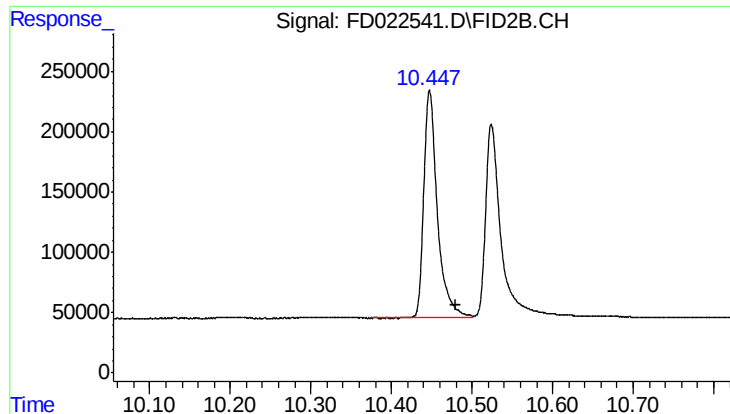
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.026 min
Response: 2344854
Conc: 22.89 ug/ml



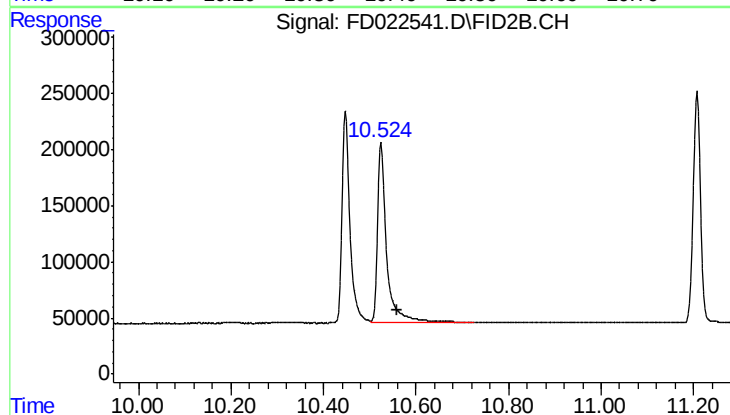
#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.031 min
Response: 2181193
Conc: 23.26 ug/ml



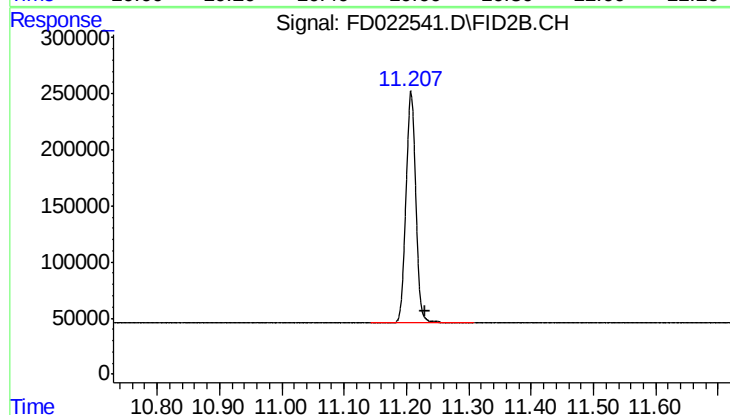
#9 Phenanthrene (C19.36)

R.T.: 10.448 min
Delta R.T.: -0.032 min
Response: 2220071
Conc: 23.83 ug/ml



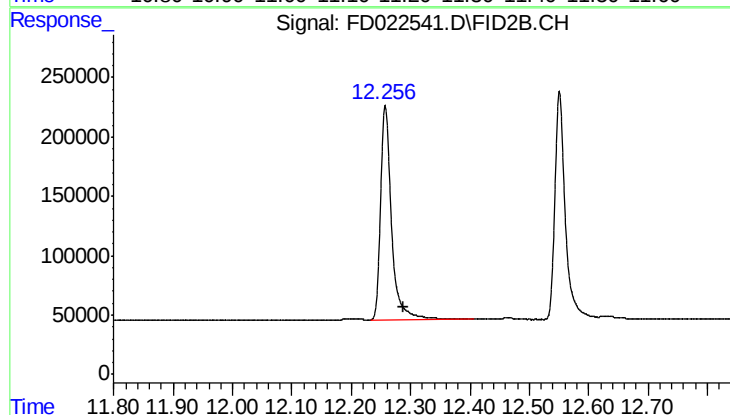
#10 Anthracene (C19.43)

R.T.: 10.524 min
Delta R.T.: -0.035 min
Response: 2206932
Conc: 23.27 ug/ml



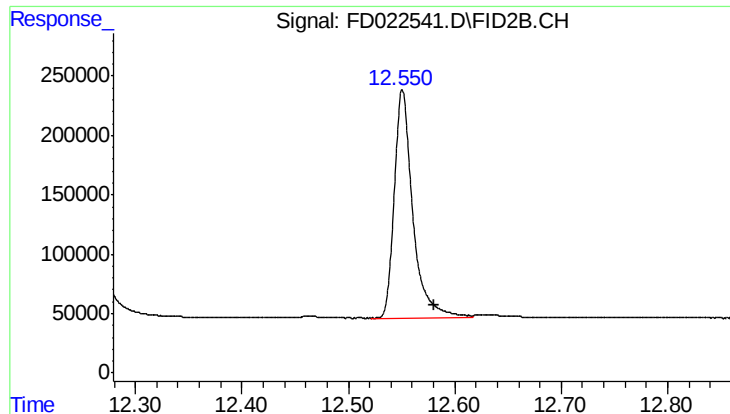
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.023 min
Response: 2248388
Conc: 23.69 ug/ml



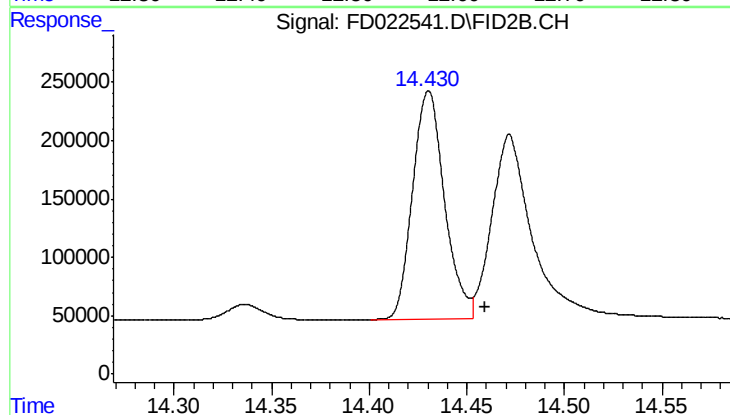
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: -0.030 min
Response: 2335073
Conc: 23.28 ug/ml



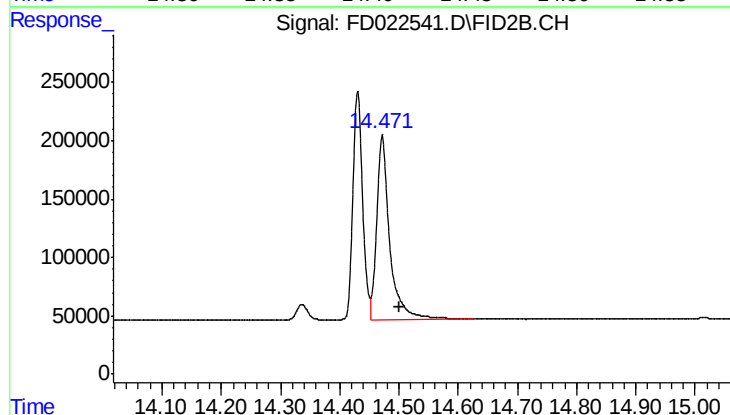
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.029 min
Response: 2333917
Conc: 22.97 ug/ml



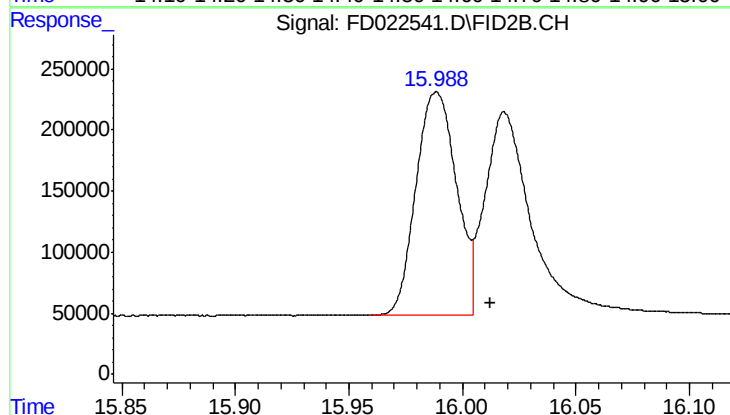
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.029 min
Response: 2236644
Conc: 23.19 ug/ml m



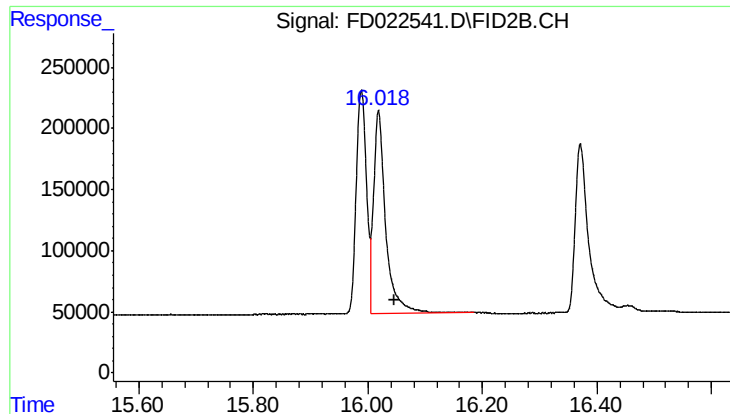
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.029 min
Response: 2387147
Conc: 22.12 ug/ml



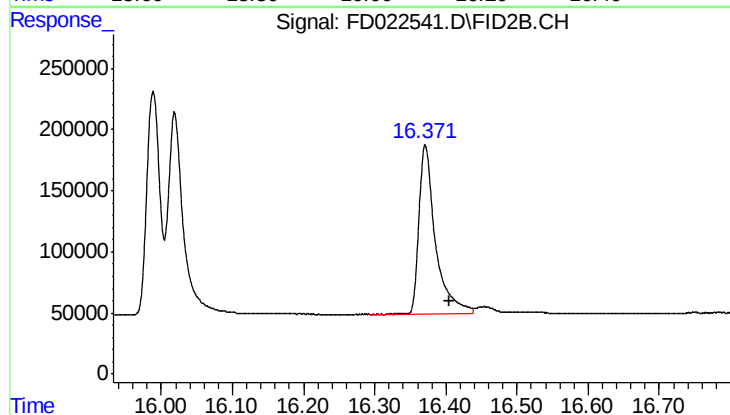
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: -0.024 min
Response: 2293559
Conc: 22.81 ug/ml m



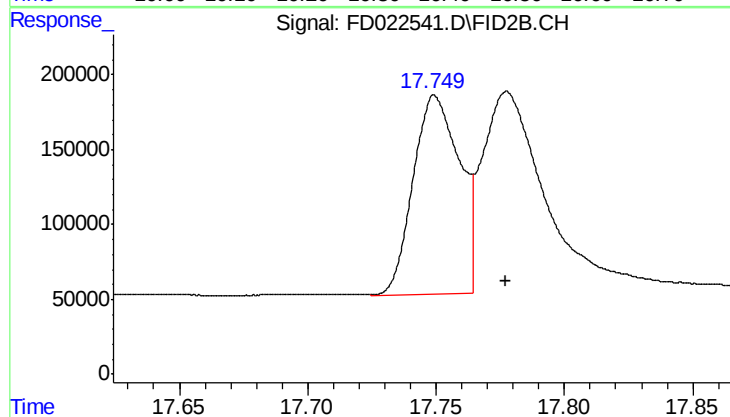
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min
Delta R.T.: -0.027 min
Response: 2471989
Conc: 21.78 ug/ml



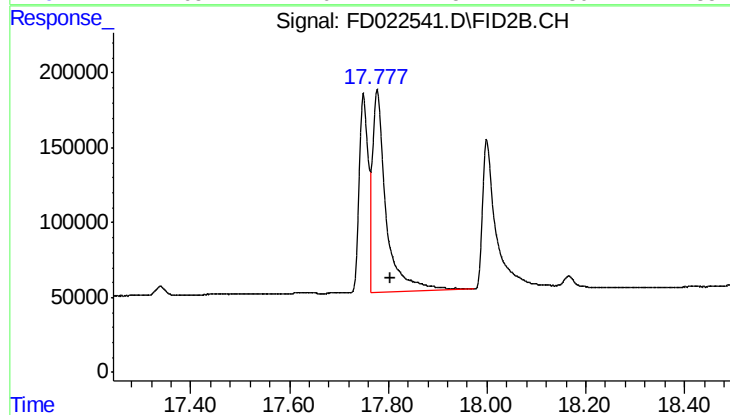
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.033 min
Response: 2230887
Conc: 21.23 ug/ml



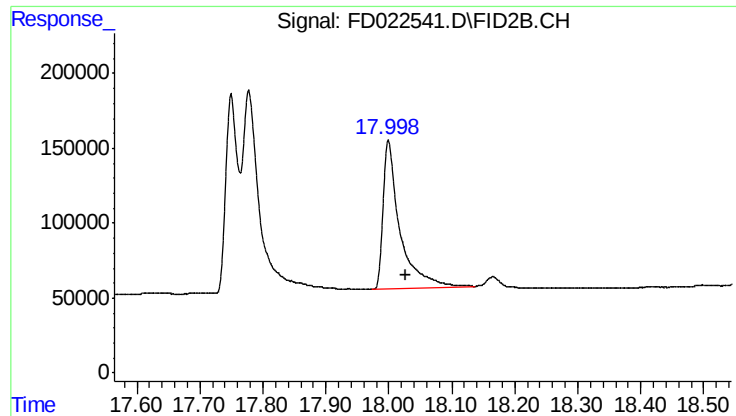
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.029 min
Response: 1685730
Conc: 17.69 ug/ml m



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

R.T.: 17.778 min
Delta R.T.: -0.027 min
Response: 2634609
Conc: 23.18 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.028 min
Response: 1847481
Conc: 17.79 ug/ml