

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020030.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2018 14:53
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 07:27:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.354	1555652	19.226 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
6) S 2-Fluorobiphenyl (SURR)	8.215	967477	17.688 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.38%
11) S ortho-Terphenyl (SURR)	11.235	1792617	18.120 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	1719643	19.425 ug/ml
2) T Naphthalene (C11.7)	5.692	1671913	18.720 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1731631	18.862 ug/ml
5) T Acenaphthylene (C15.06)	8.009	1799573	18.979 ug/ml
7) T Acenaphthene (C15.5)	8.301	1899805	19.475 ug/ml
8) T Fluorene (C16.55)	9.084	1728270	18.187 ug/ml
9) T Phenanthrene (C19.36)	10.476	1780581	17.910 ug/ml
10) T Anthracene (C19.43)	10.554	1743780	17.932 ug/ml
12) T Fluoranthene (C21.85)	12.285	1927322	18.180 ug/ml
13) T Pyrene (C20.8)	12.579	1966365	18.563 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.498	2019866	19.299 ug/ml
15) T Chrysene (C27.41)	14.498	2019866	18.689 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.011	4079478	37.917 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.395	1989607	18.253 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.769	3949919	39.927 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.018	1956757	18.750 ug/ml

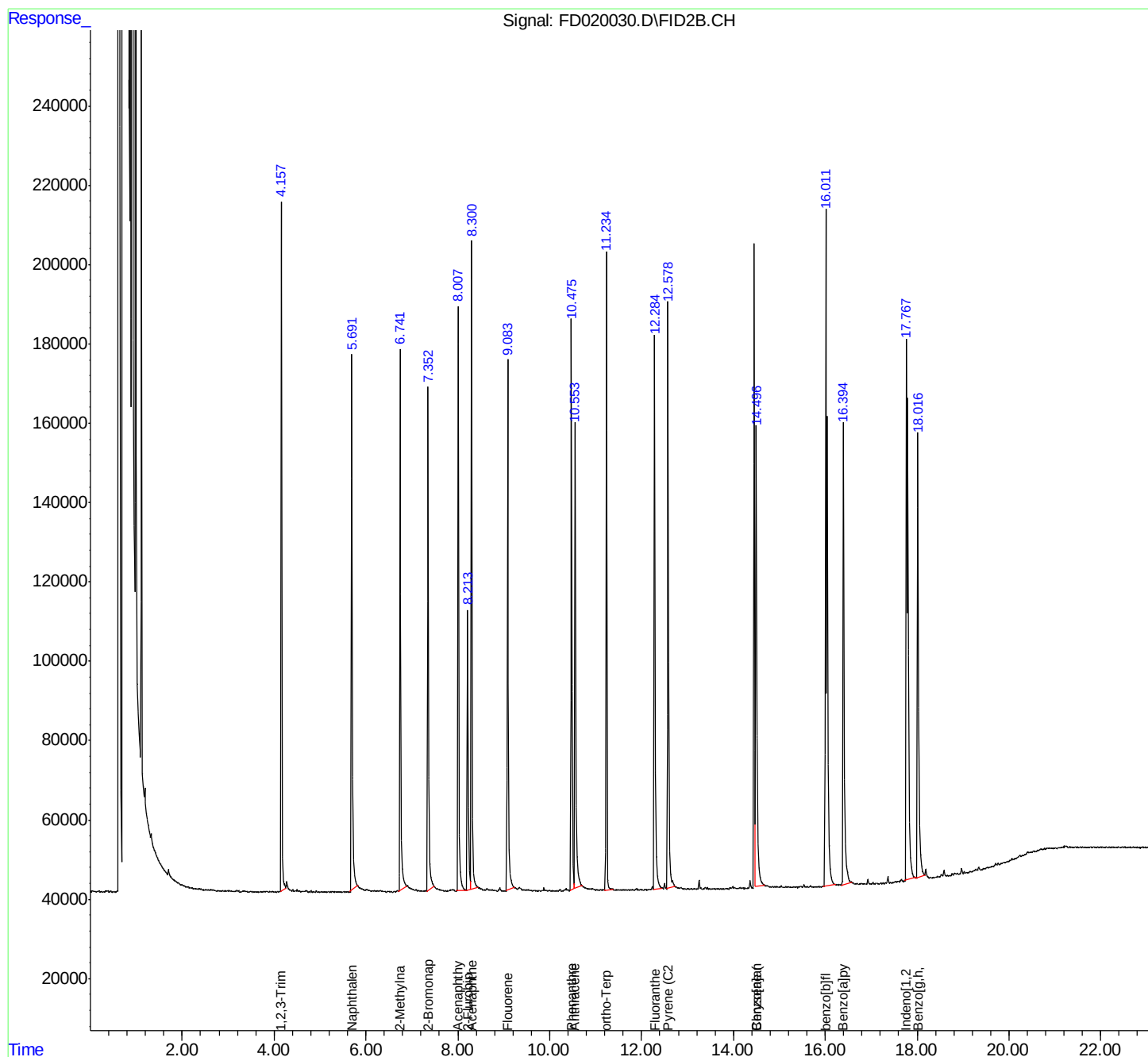
(f)=RT Delta > 1/2 Window

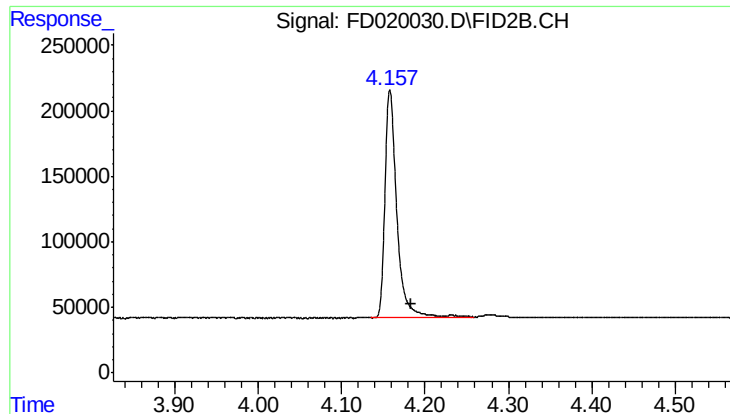
(m)=manual int.

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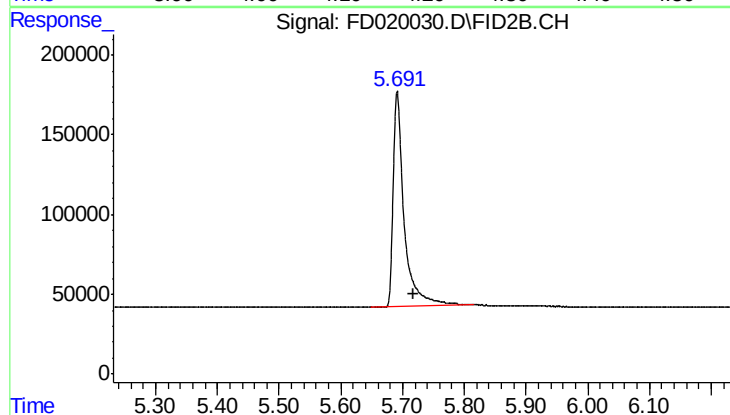
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





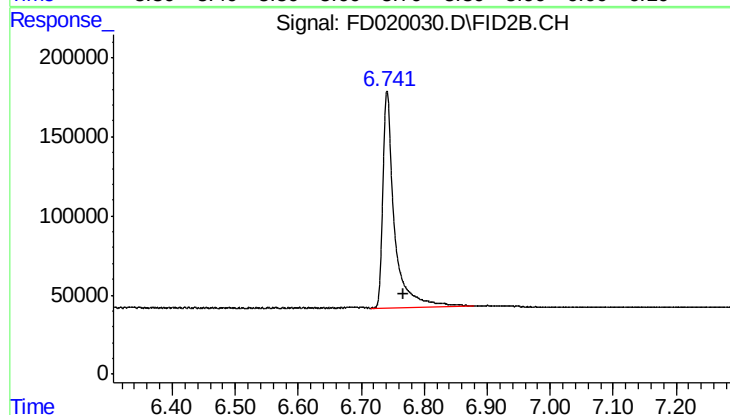
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.024 min
Response: 1719643
Conc: 19.43 ug/ml



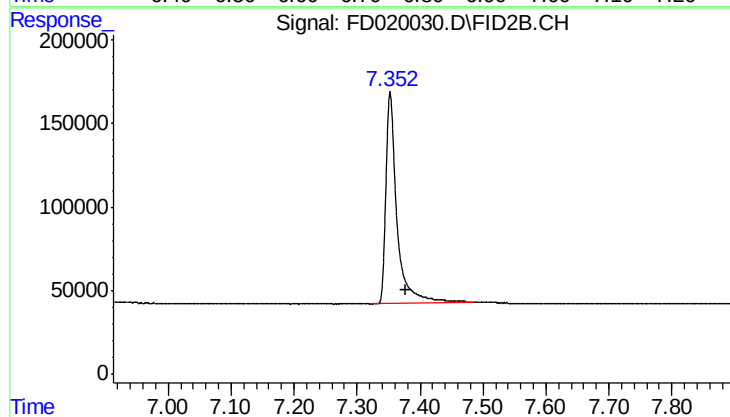
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.025 min
Response: 1671913
Conc: 18.72 ug/ml



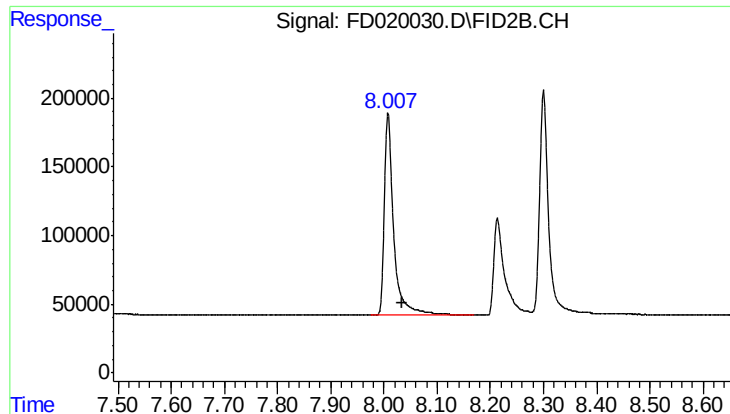
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.025 min
Response: 1731631
Conc: 18.86 ug/ml



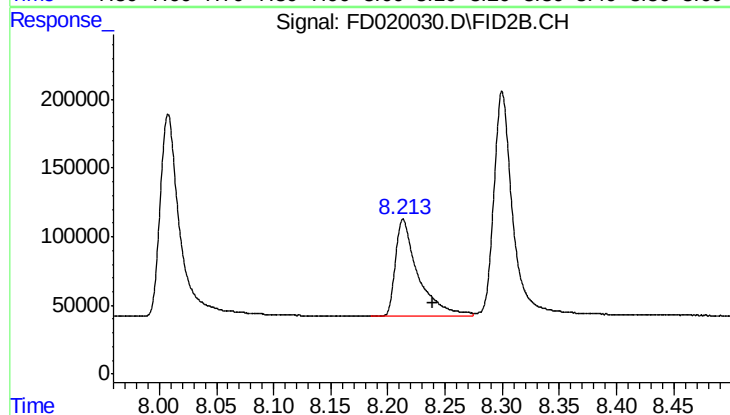
#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: -0.024 min
Response: 1555652
Conc: 19.23 ug/ml



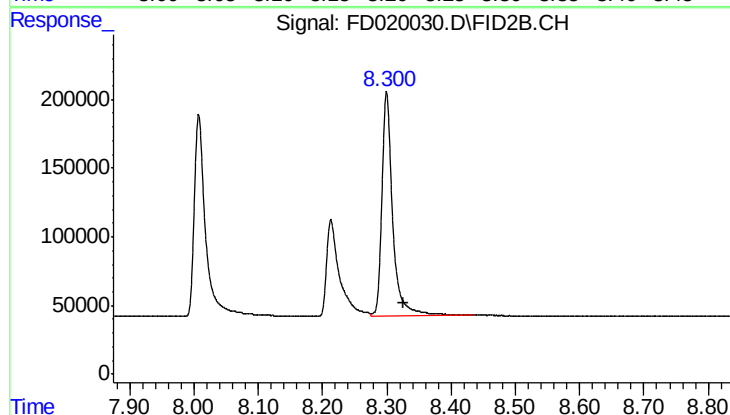
#5 Acenaphthylene (C15.06)

R.T.: 8.009 min
Delta R.T.: -0.025 min
Response: 1799573
Conc: 18.98 ug/ml



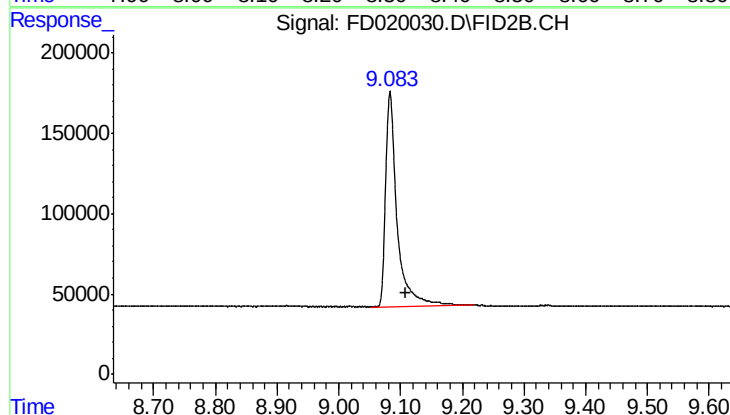
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.025 min
Response: 967477
Conc: 17.69 ug/ml



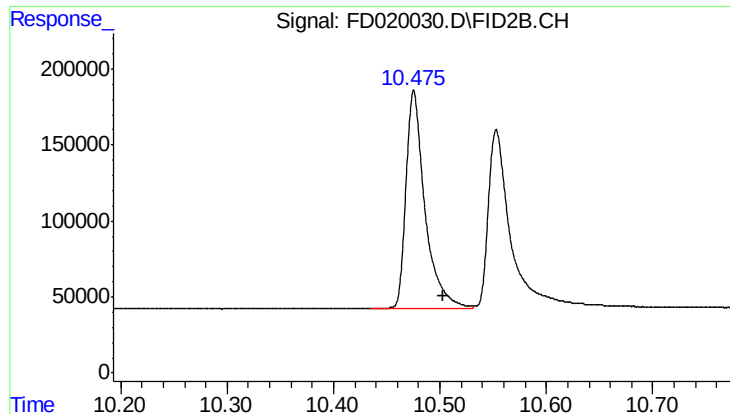
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.025 min
Response: 1899805
Conc: 19.47 ug/ml



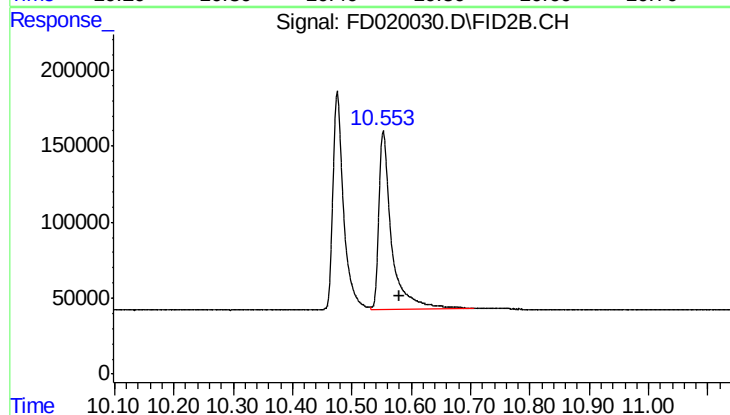
#8 Fluorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.025 min
Response: 1728270
Conc: 18.19 ug/ml



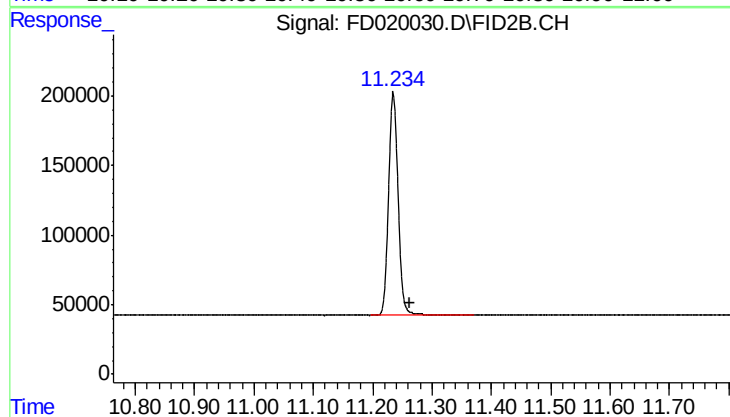
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: -0.026 min
Response: 1780581
Conc: 17.91 ug/ml



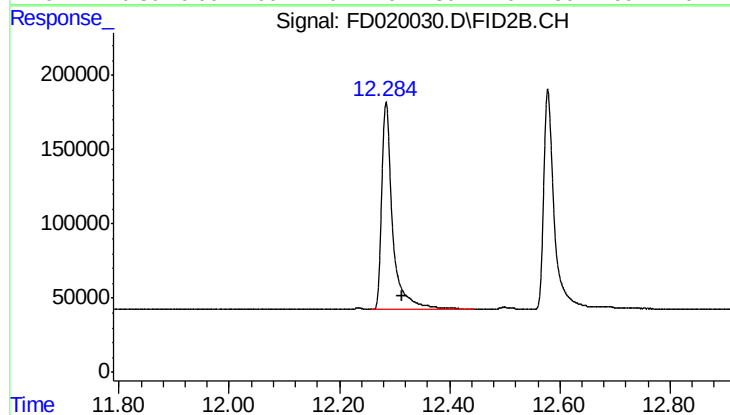
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: -0.026 min
Response: 1743780
Conc: 17.93 ug/ml



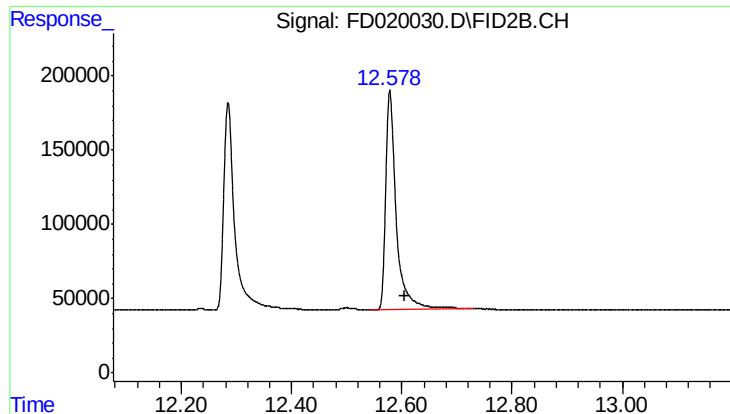
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.028 min
Response: 1792617
Conc: 18.12 ug/ml



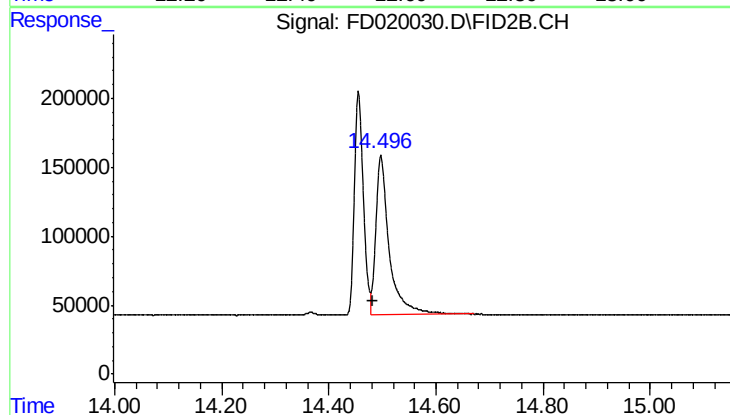
#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: -0.027 min
Response: 1927322
Conc: 18.18 ug/ml



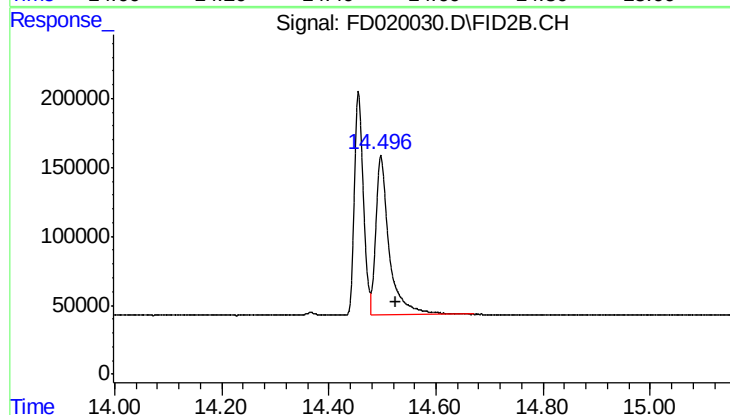
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: -0.025 min
Response: 1966365
Conc: 18.56 ug/ml



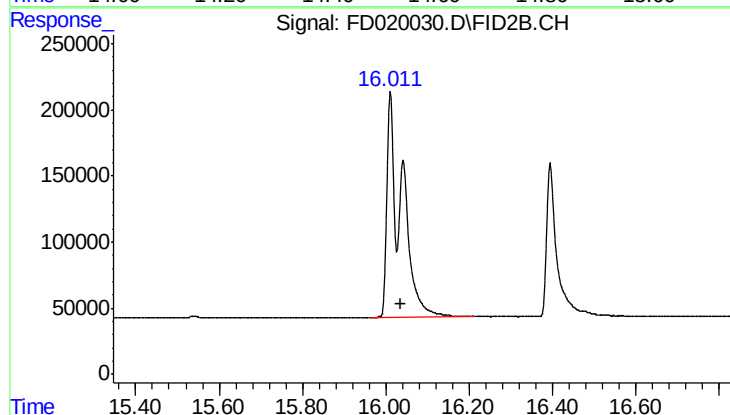
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: 0.017 min
Response: 2019866
Conc: 19.30 ug/ml



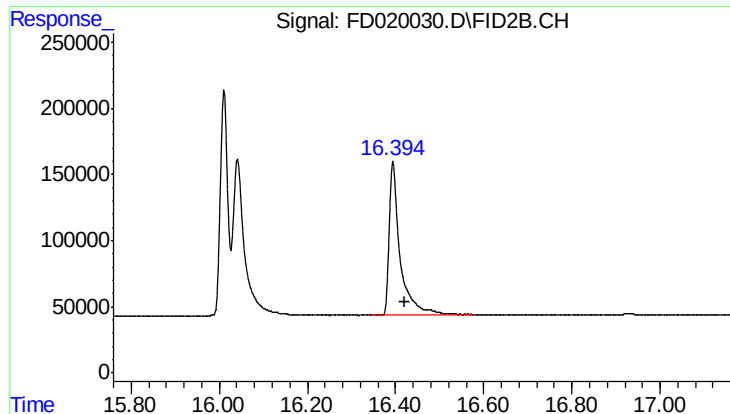
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.026 min
Response: 2019866
Conc: 18.69 ug/ml



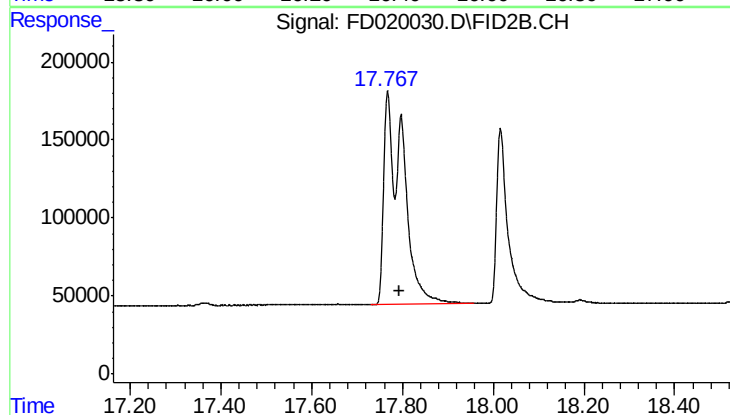
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.026 min
Response: 4079478
Conc: 37.92 ug/ml



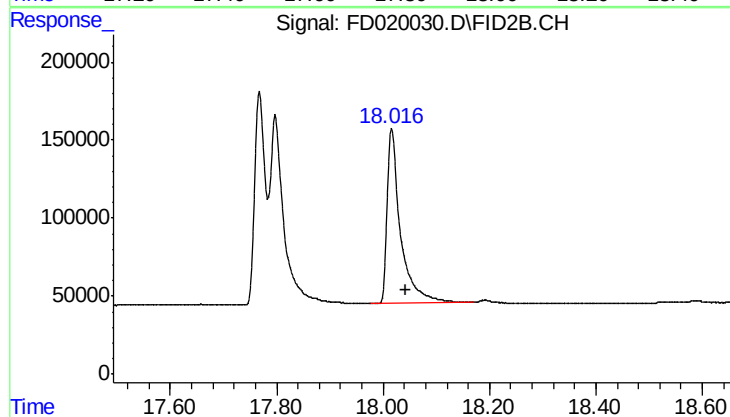
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.395 min
Delta R.T.: -0.026 min
Response: 1989607
Conc: 18.25 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.024 min
Response: 3949919
Conc: 39.93 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.026 min
Response: 1956757
Conc: 18.75 ug/ml