

Data Path : P:\HPCHEM1\FID_D\Data\FD012418AR\
 Data File : FD019199.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jan 2018 15:57
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 07:25:25 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...	7.371	1570670	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
6) S 2-Fluorobiphenyl (SURR)	8.230	1038011	18.977 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.95%
11) S ortho-Terphenyl (SURR)	11.256	1874964	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	1673401	18.903 ug/ml
2) T Naphthalene (C11.7)	5.709	1715488	19.207 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	1739023	18.942 ug/ml
5) T Acenaphthylene (C15.06)	8.027	1815465	19.146 ug/ml
7) T Acenaphthene (C15.5)	8.320	1879369	19.265 ug/ml
8) T Flouorene (C16.55)	9.102	1827038	19.226 ug/ml
9) T Phenanthrene (C19.36)	10.494	1908365	19.196 ug/ml
10) T Anthracene (C19.43)	10.571	1887395	19.409 ug/ml
12) T Fluoranthene (C21.85)	12.303	2031894	19.167 ug/ml
13) T Pyrene (C20.8)	12.598	2004143	18.920 ug/ml
14) T Benzo[a]anthracene (C...	14.473	1969845	18.821 ug/ml
15) T Chrysene (C27.41)	14.515	2070482	19.158 ug/ml
16) T benzo[b]fluoranthene ...	16.028	2007728	18.661 ug/ml
17) T Bnezo[k]fluoranthene ...	16.058	2168928	19.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	2034436	18.664 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	1598984	16.163 ug/ml
20) T Dibenz[a,h]anthracene...	17.815	2181421	19.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.032	1788078	17.134 ug/ml

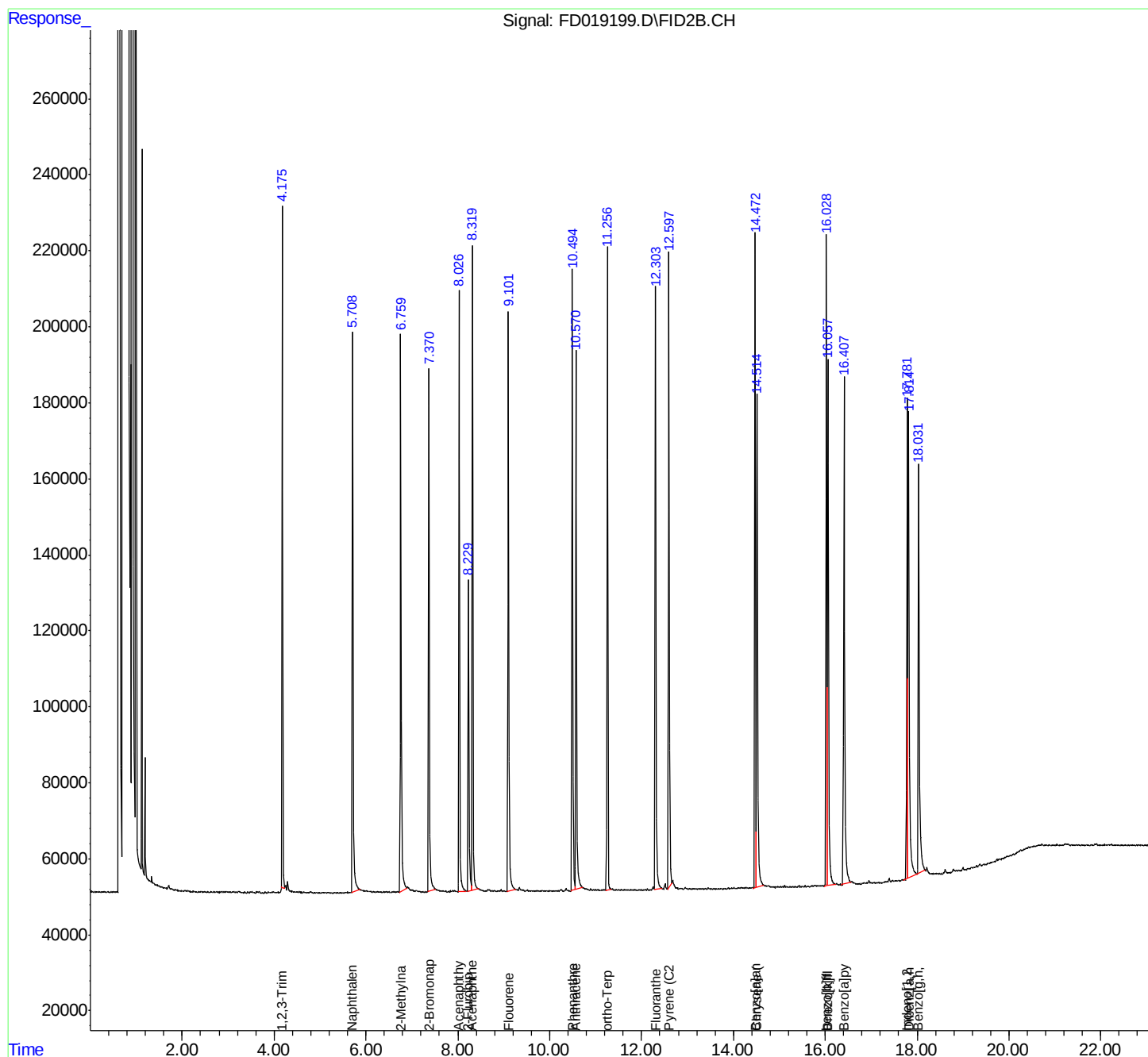
(f)=RT Delta > 1/2 Window

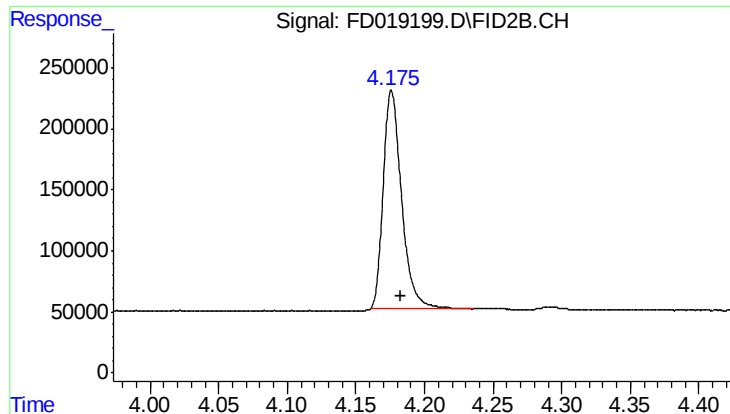
(m)=manual int.

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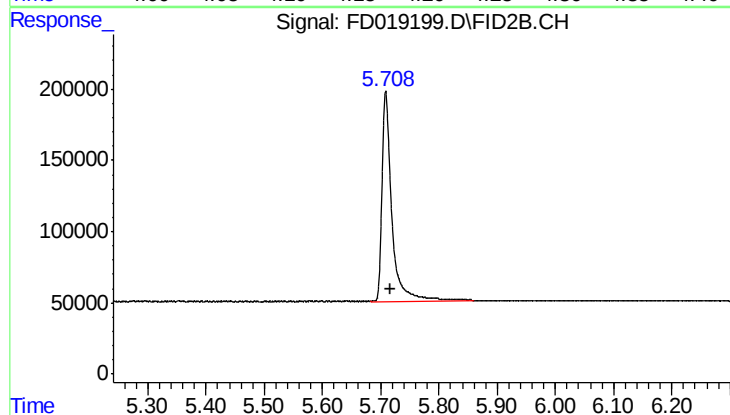
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





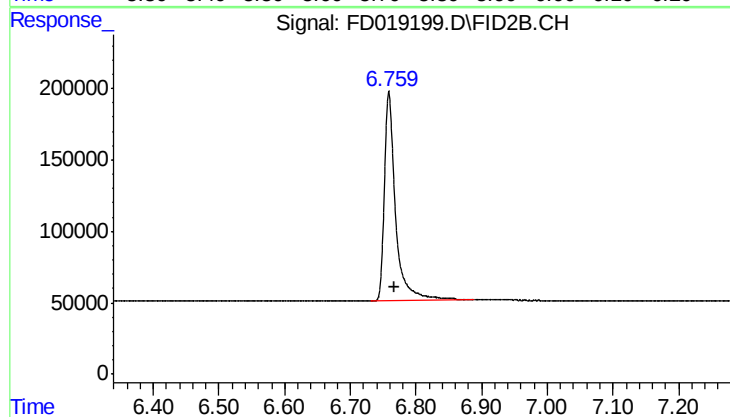
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.176 min
Delta R.T.: -0.007 min
Response: 1673401
Conc: 18.90 ug/ml



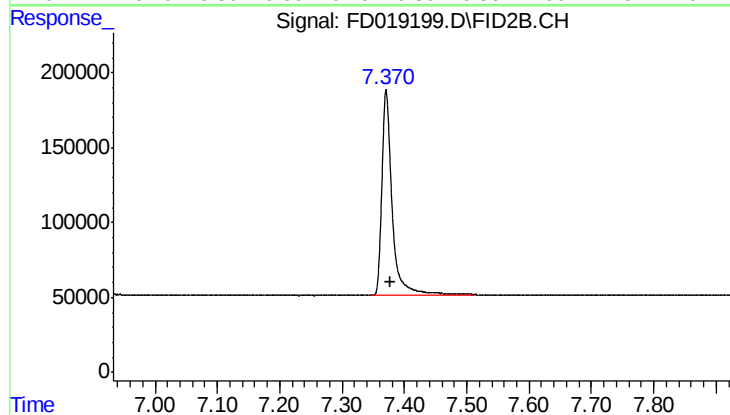
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.008 min
Response: 1715488
Conc: 19.21 ug/ml



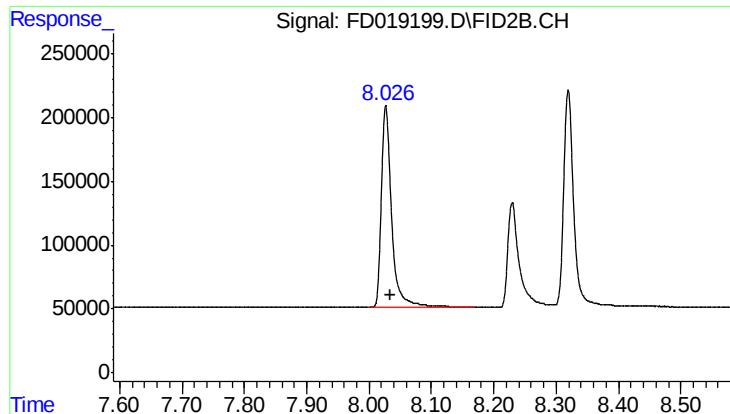
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 1739023
Conc: 18.94 ug/ml



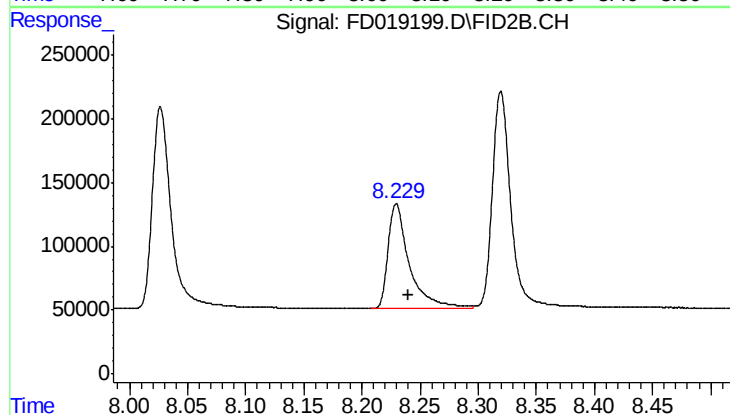
#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 1570670
Conc: 19.41 ug/ml



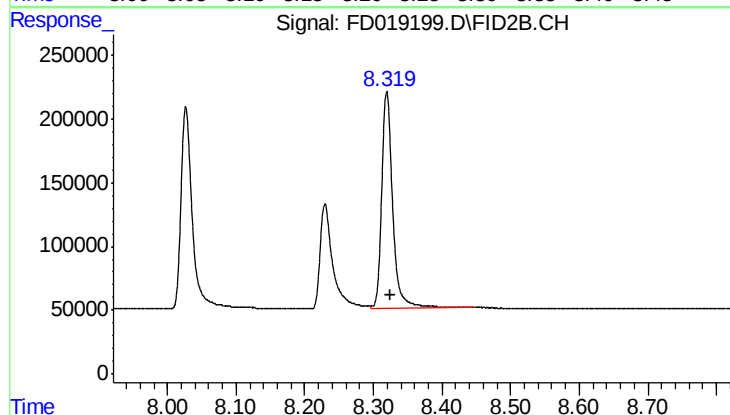
#5 Acenaphthylene (C15.06)

R.T.: 8.027 min
Delta R.T.: -0.007 min
Response: 1815465
Conc: 19.15 ug/ml



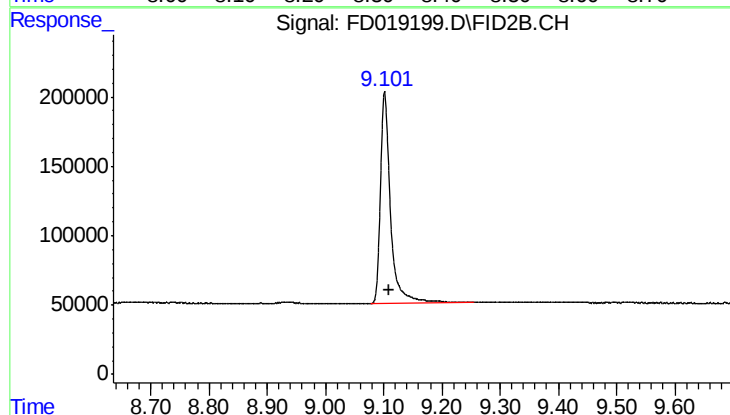
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.230 min
Delta R.T.: -0.010 min
Response: 1038011
Conc: 18.98 ug/ml



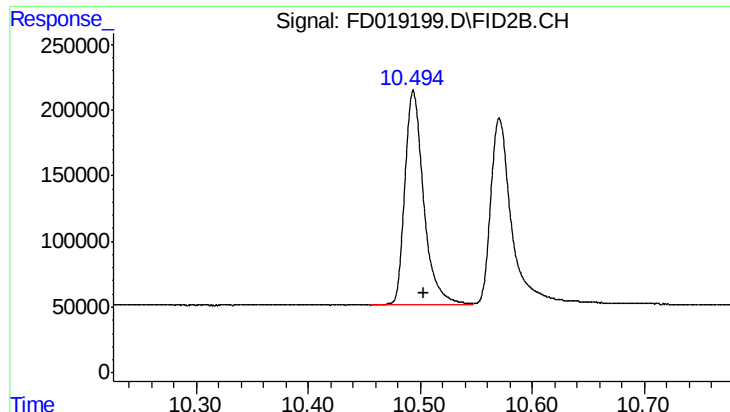
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 1879369
Conc: 19.27 ug/ml



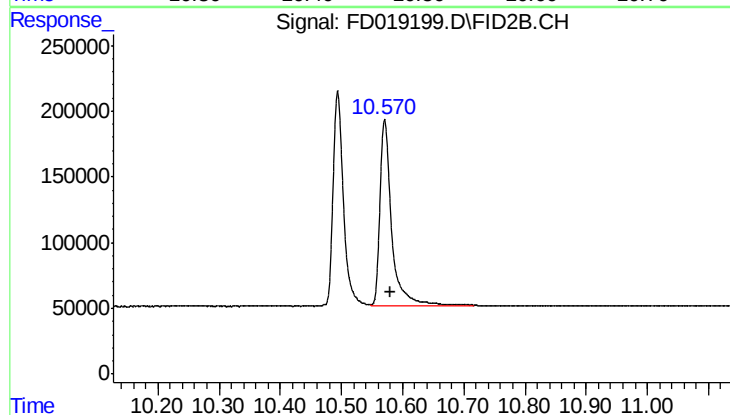
#8 Fluorene (C16.55)

R.T.: 9.102 min
Delta R.T.: -0.008 min
Response: 1827038
Conc: 19.23 ug/ml



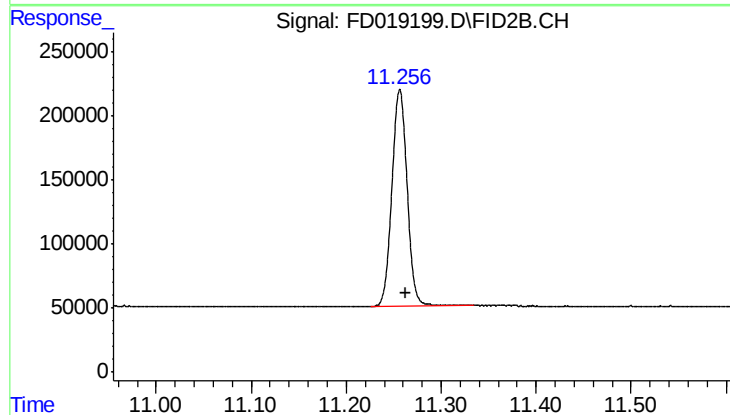
#9 Phenanthrene (C19.36)

R.T.: 10.494 min
Delta R.T.: -0.009 min
Response: 1908365
Conc: 19.20 ug/ml



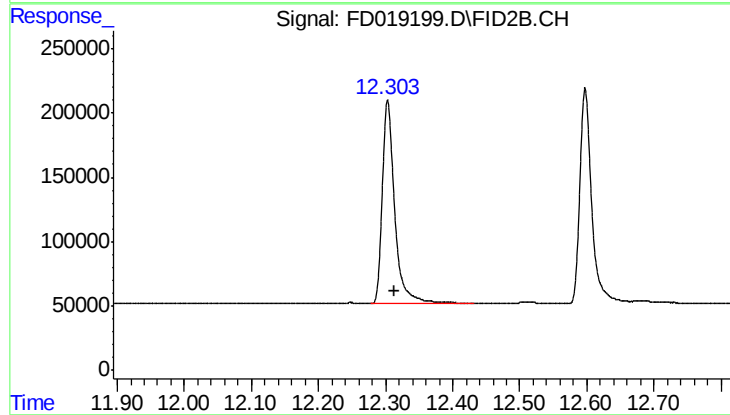
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.009 min
Response: 1887395
Conc: 19.41 ug/ml



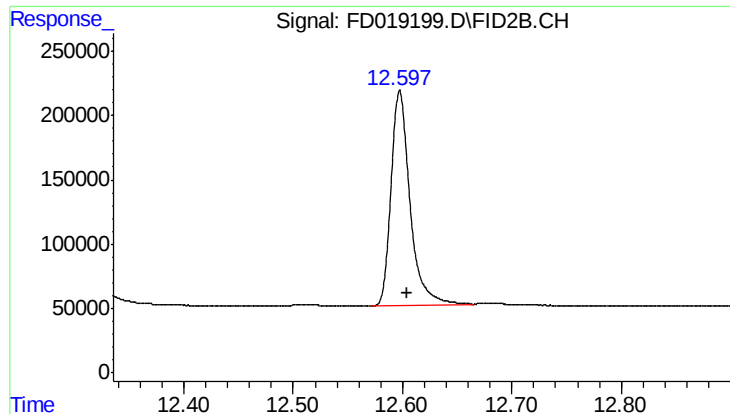
#11 ortho-Terphenyl (SURR)

R.T.: 11.256 min
Delta R.T.: -0.007 min
Response: 1874964
Conc: 18.95 ug/ml



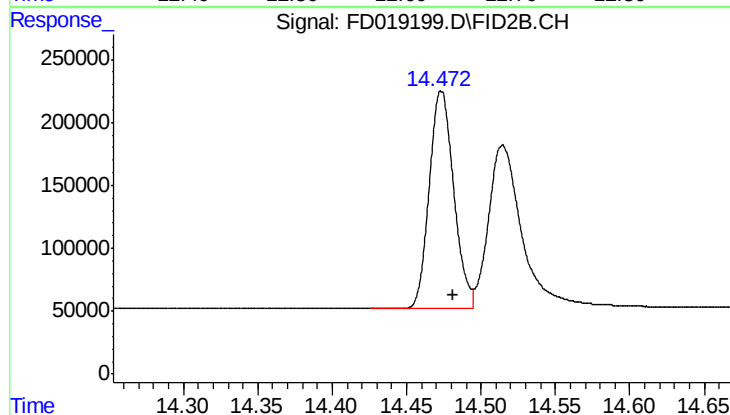
#12 Fluoranthene (C21.85)

R.T.: 12.303 min
Delta R.T.: -0.010 min
Response: 2031894
Conc: 19.17 ug/ml



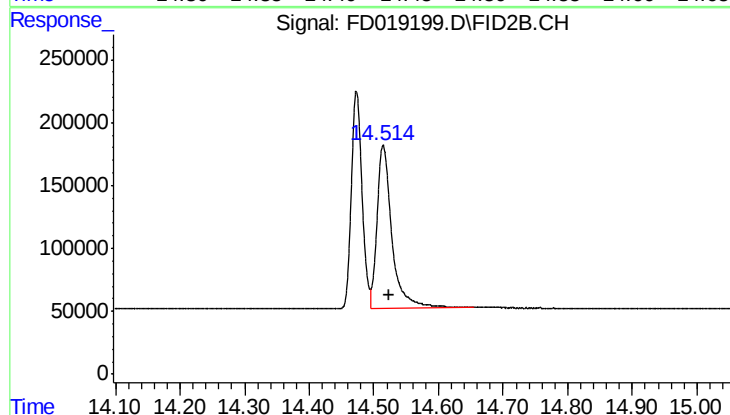
#13 Pyrene (C20.8)

R.T.: 12.598 min
Delta R.T.: -0.006 min
Response: 2004143
Conc: 18.92 ug/ml



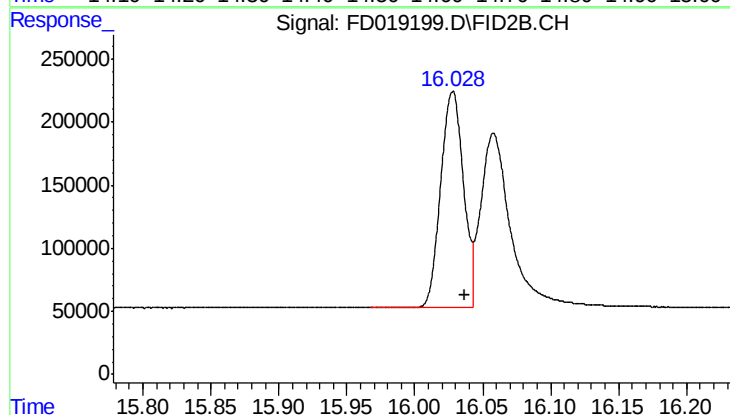
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: -0.008 min
Response: 1969845
Conc: 18.82 ug/ml



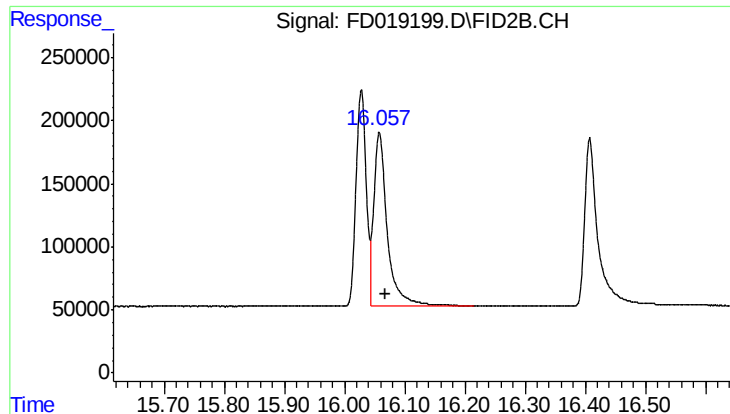
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.010 min
Response: 2070482
Conc: 19.16 ug/ml



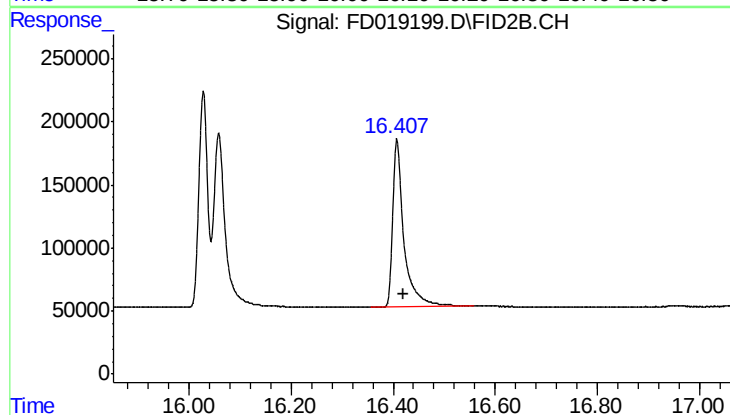
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.028 min
Delta R.T.: -0.009 min
Response: 2007728
Conc: 18.66 ug/ml



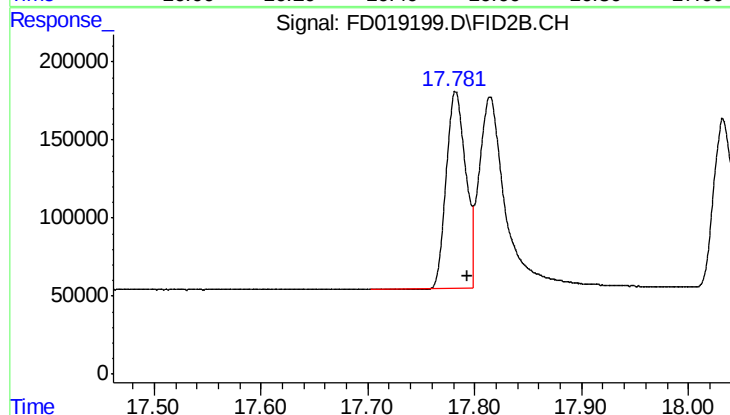
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.058 min
Delta R.T.: -0.010 min
Response: 2168928
Conc: 19.15 ug/ml



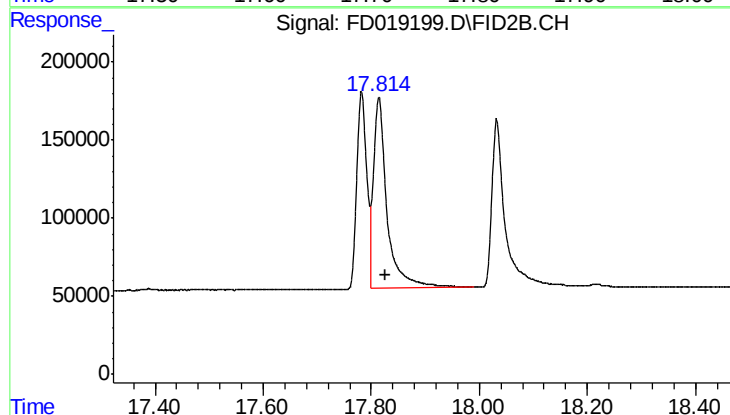
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.013 min
Response: 2034436
Conc: 18.66 ug/ml



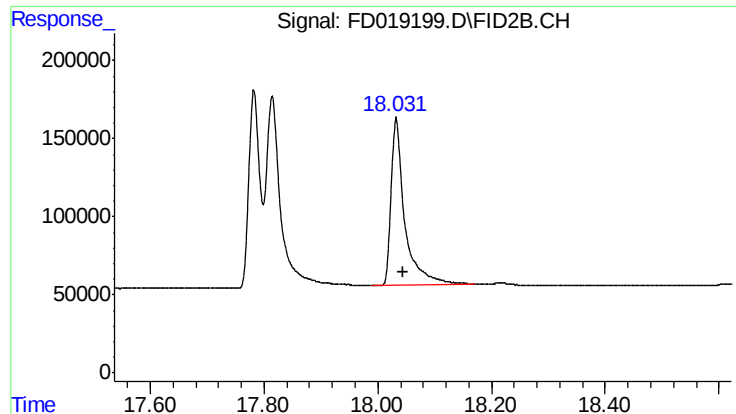
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: -0.011 min
Response: 1598984
Conc: 16.16 ug/ml



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

R.T.: 17.815 min
Delta R.T.: -0.011 min
Response: 2181421
Conc: 19.03 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.011 min
Response: 1788078
Conc: 17.13 ug/ml