

Data Path : P:\HPCHEM1\FID_D\Data\FD011818AR\
 Data File : FD019134.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2018 14:10
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 04:19:20 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:10:01 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...	7.375	1548434	18.653 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
6) S 2-Fluorobiphenyl (SURR)	8.233	1069859	19.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.28%
11) S ortho-Terphenyl (SURR)	11.263	1910629	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	1667858	19.666 ug/ml
2) T Naphthalene (C11.7)	5.713	1705847	19.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	1743859	19.396 ug/ml
5) T Acenaphthylene (C15.06)	8.031	1825662	19.692 ug/ml
7) T Acenaphthene (C15.5)	8.325	1865238	18.782 ug/ml
8) T Flouorene (C16.55)	9.106	1843098	19.369 ug/ml
9) T Phenanthrene (C19.36)	10.499	1948301	19.933 ug/ml
10) T Anthracene (C19.43)	10.575	1934086	19.039 ug/ml
12) T Fluoranthene (C21.85)	12.309	2058691	19.804 ug/ml
13) T Pyrene (C20.8)	12.604	2026879	18.732 ug/ml
14) T Benzo[a]anthracene (C...	14.479	2028326	19.890 ug/ml
15) T Chrysene (C27.41)	14.521	2068636	19.323 ug/ml
16) T benzo[b]fluoranthene ...	16.034	2073990	20.109 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	2177113	21.597 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2094768	19.746 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.788	1874363	19.475 ug/ml
20) T Dibenz[a,h]anthracene...	17.821	2218177	20.607 ug/ml
21) T Benzo[g,h,i]perylene ...	18.039	1990459	19.239 ug/ml

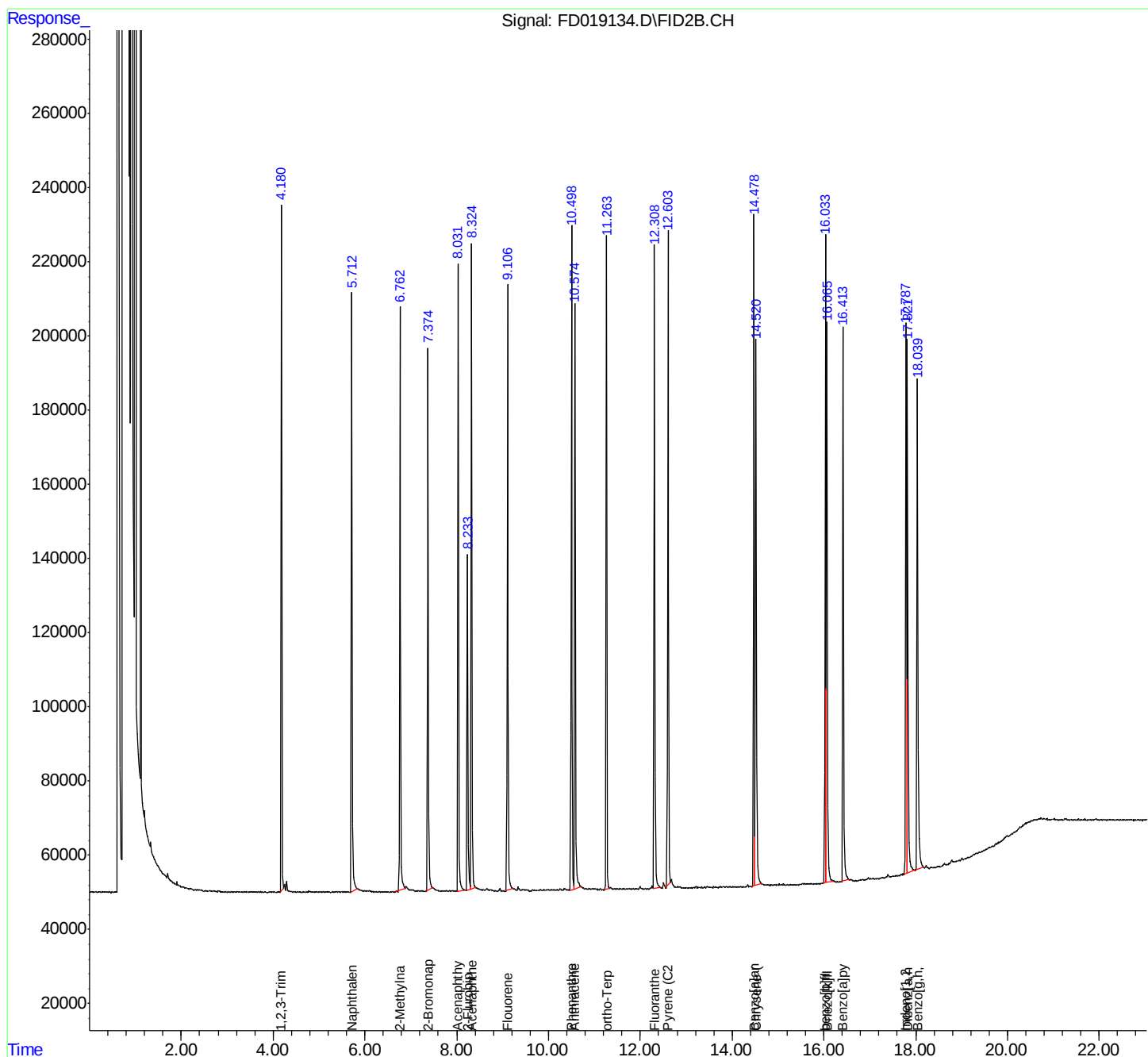
(f)=RT Delta > 1/2 Window

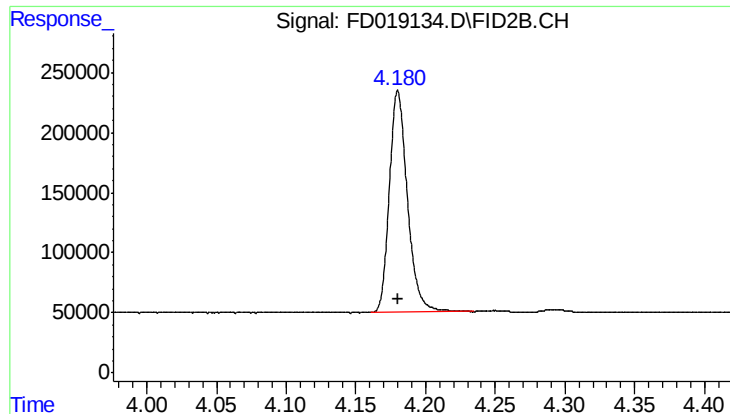
(m)=manual int.

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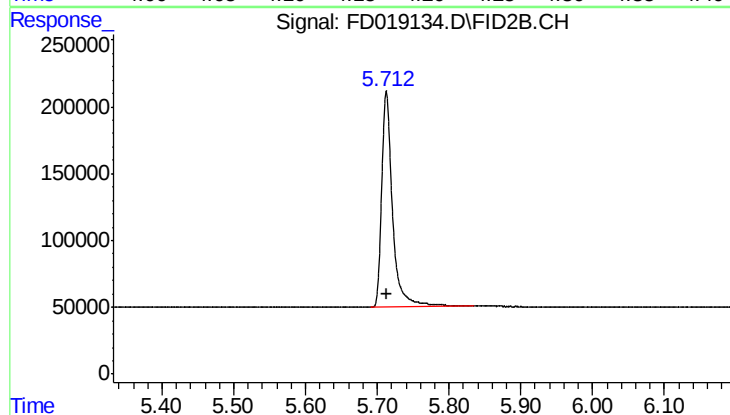
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Signal Info : 20M x 0.18mm x 0.18µm





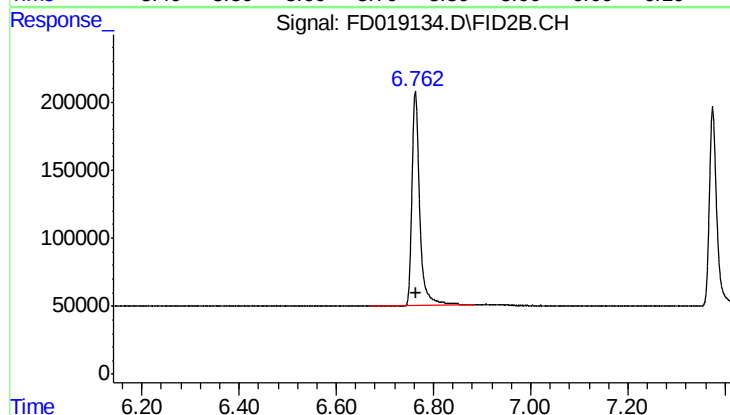
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 1667858
Conc: 19.67 ug/ml



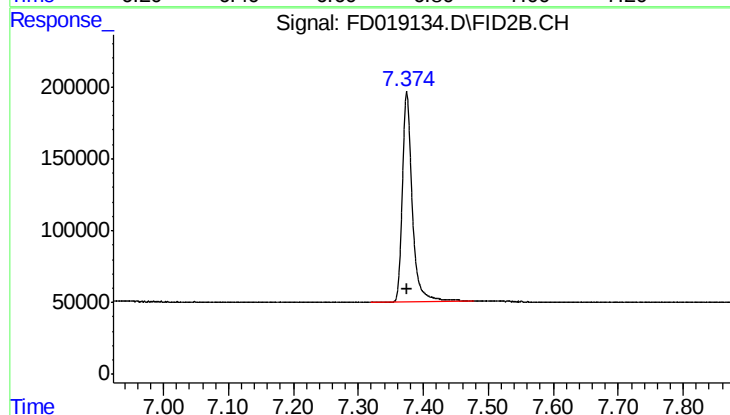
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 1705847
Conc: 19.00 ug/ml



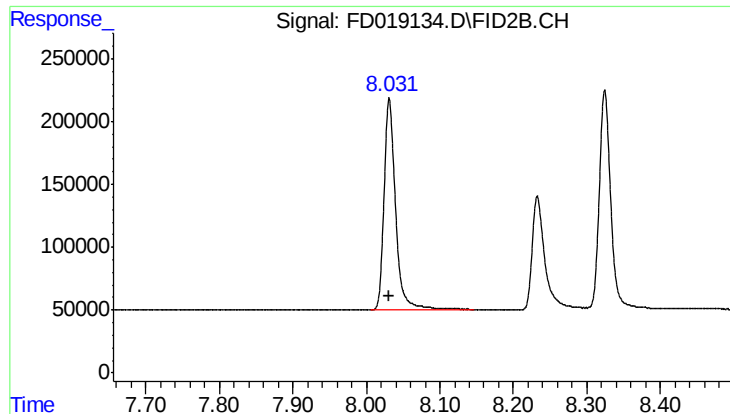
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 1743859
Conc: 19.40 ug/ml



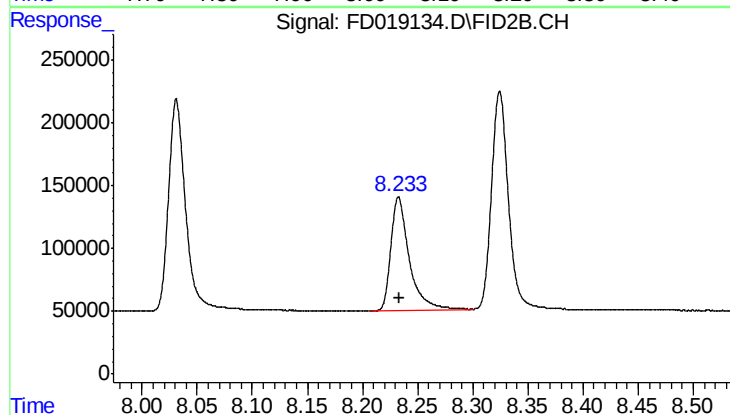
#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 1548434
Conc: 18.65 ug/ml



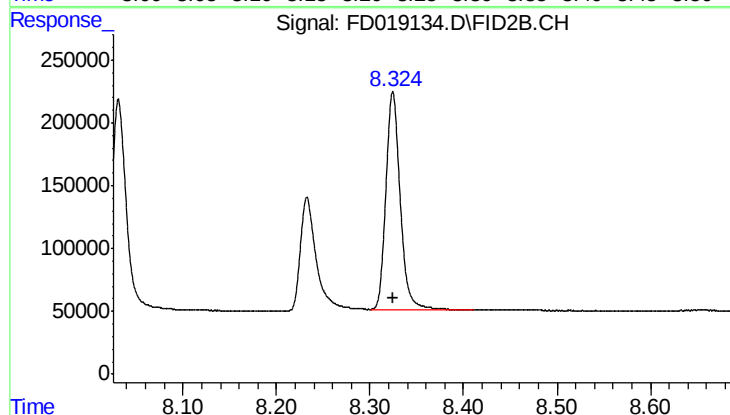
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 1825662
Conc: 19.69 ug/ml



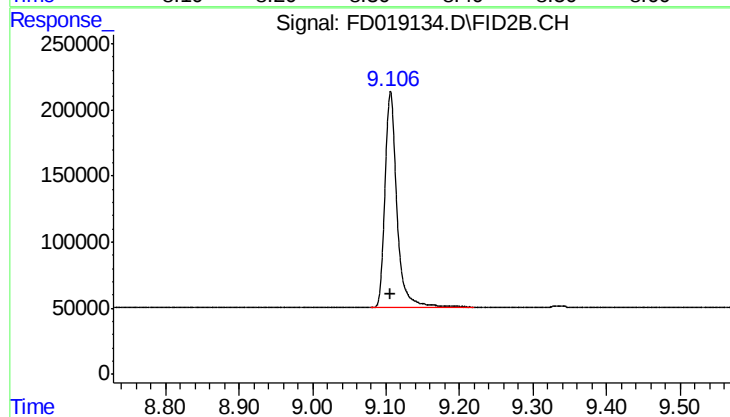
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 1069859
Conc: 19.64 ug/ml



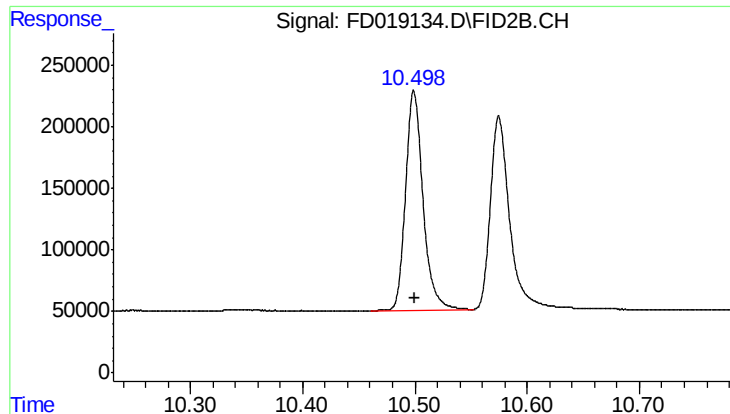
#7 Acenaphthene (C15.5)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 1865238
Conc: 18.78 ug/ml



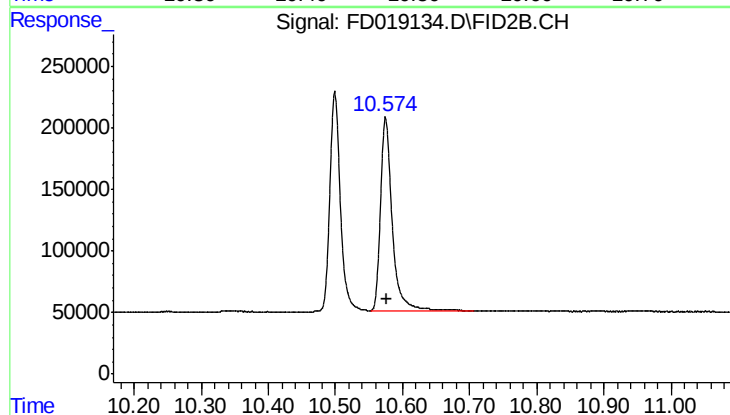
#8 Fluorene (C16.55)

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 1843098
Conc: 19.37 ug/ml



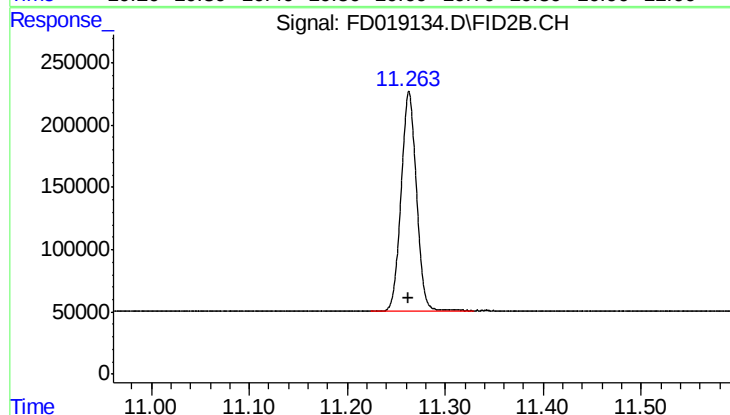
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: 0.000 min
Response: 1948301
Conc: 19.93 ug/ml



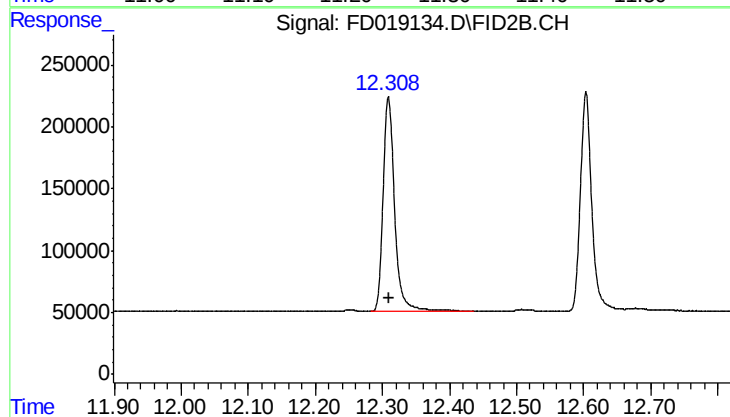
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: 0.000 min
Response: 1934086
Conc: 19.04 ug/ml



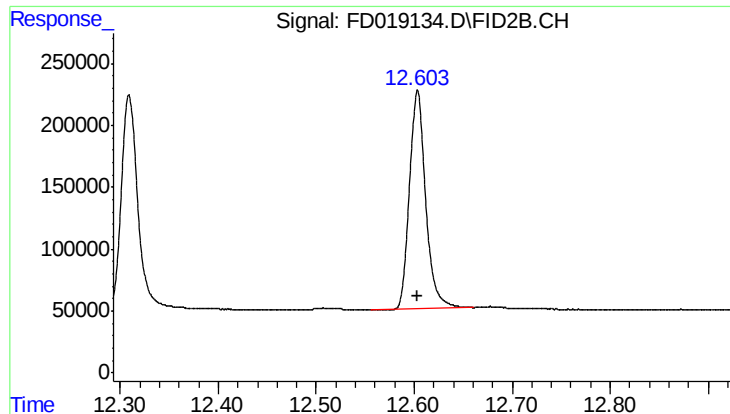
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 1910629
Conc: 19.71 ug/ml



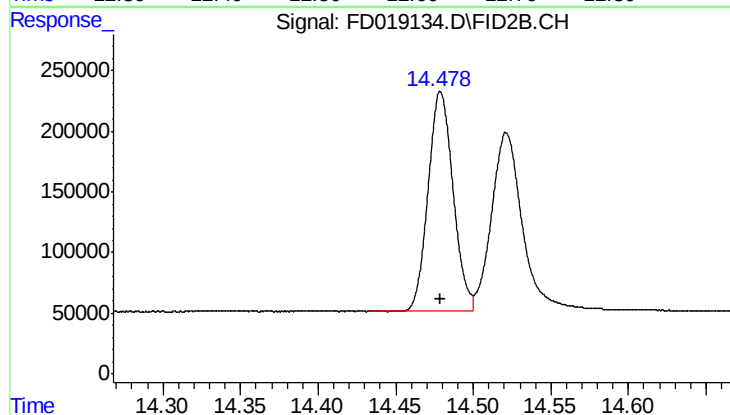
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 2058691
Conc: 19.80 ug/ml



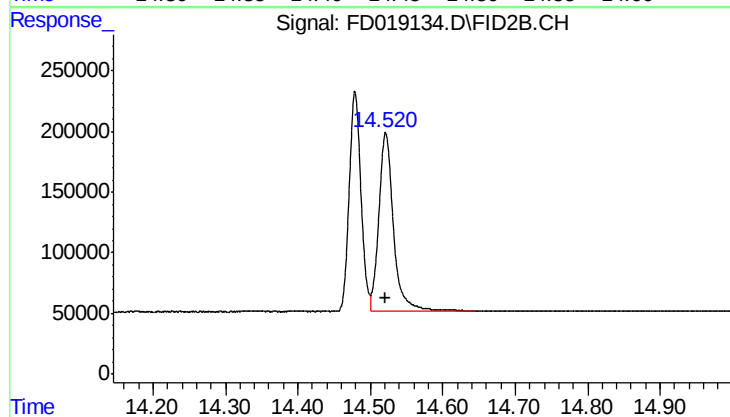
#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.000 min
Response: 2026879
Conc: 18.73 ug/ml



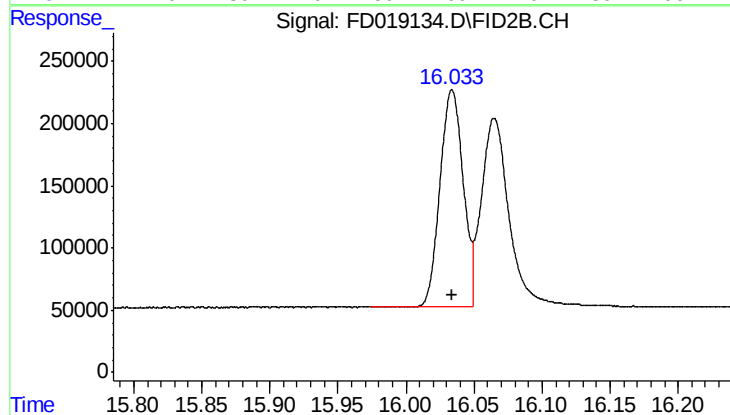
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.479 min
Delta R.T.: 0.000 min
Response: 2028326
Conc: 19.89 ug/ml



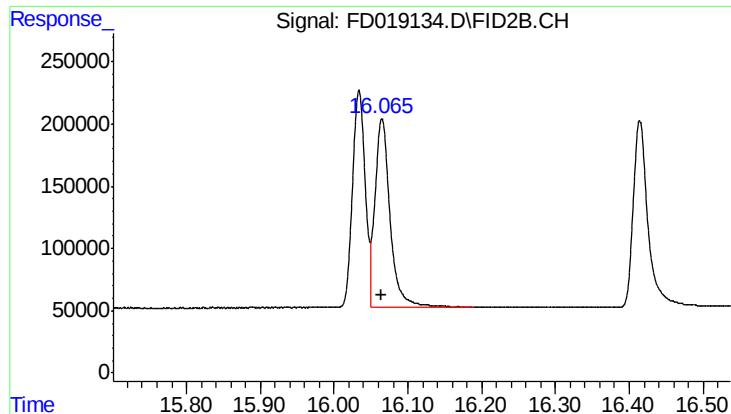
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 2068636
Conc: 19.32 ug/ml



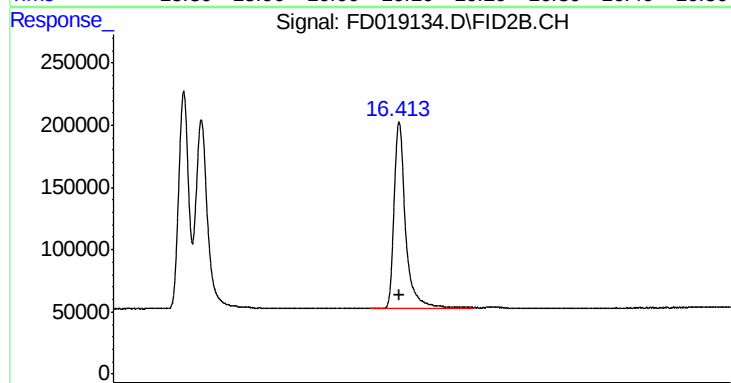
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.034 min
Delta R.T.: 0.000 min
Response: 2073990
Conc: 20.11 ug/ml



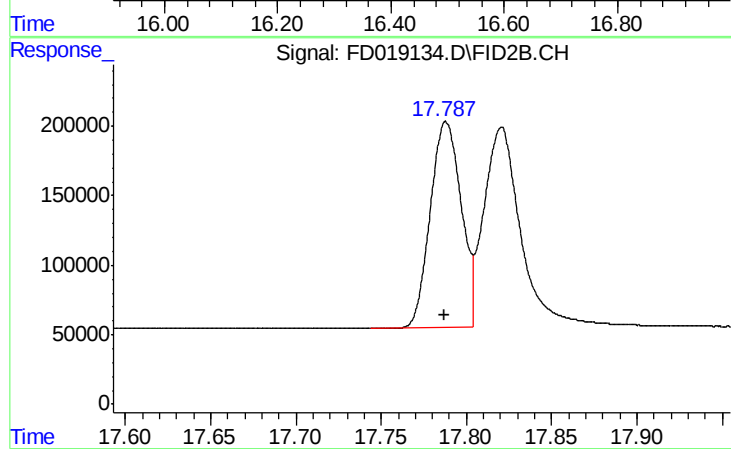
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.065 min
Delta R.T.: 0.000 min
Response: 2177113
Conc: 21.60 ug/ml



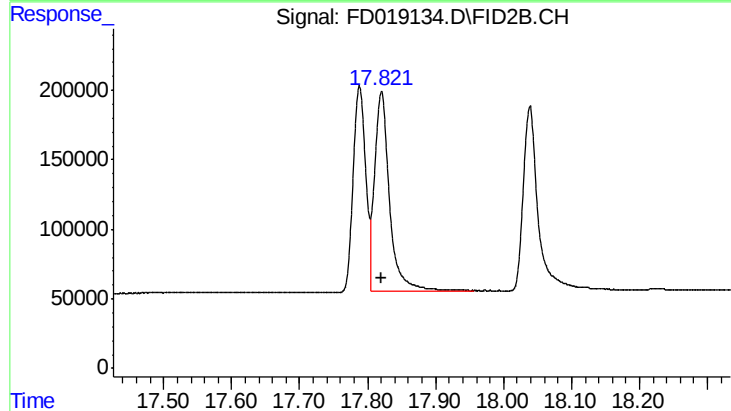
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: 0.000 min
Response: 2094768
Conc: 19.75 ug/ml



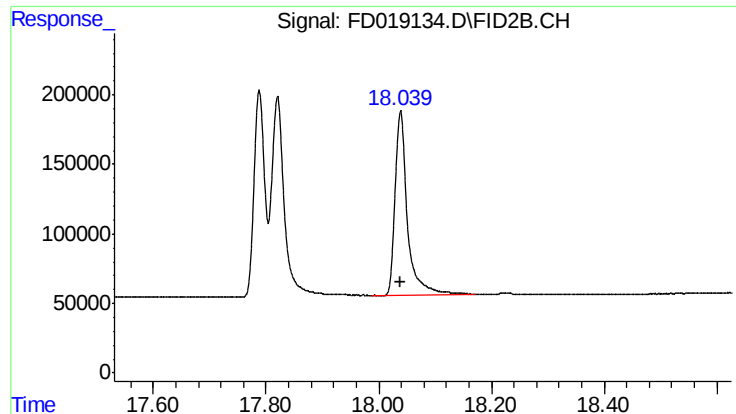
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.788 min
Delta R.T.: 0.000 min
Response: 1874363
Conc: 19.47 ug/ml



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

R.T.: 17.821 min
Delta R.T.: 0.000 min
Response: 2218177
Conc: 20.61 ug/ml



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

R.T.: 18.039 min
Delta R.T.: 0.000 min
Response: 1990459
Conc: 19.24 ug/ml