

Data Path : P:\HPCHEM1\FID_D\Data\FD011818AR\
 Data File : FD019139.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2018 17:17
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 04:35:46 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...	7.375	1658662	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.233	1131352	20.684 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.37%
11) S ortho-Terphenyl (SURR)	11.263	2015952	20.377 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	1737511	19.627 ug/ml
2) T Naphthalene (C11.7)	5.712	1794069	20.087 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	1855481	20.211 ug/ml
5) T Acenaphthylene (C15.06)	8.031	1923351	20.284 ug/ml
7) T Acenaphthene (C15.5)	8.325	1978106	20.278 ug/ml
8) T Flouorene (C16.55)	9.106	1943418	20.451 ug/ml
9) T Phenanthrene (C19.36)	10.499	2049633	20.617 ug/ml
10) T Anthracene (C19.43)	10.574	2026531	20.839 ug/ml
12) T Fluoranthene (C21.85)	12.307	2169459	20.464 ug/ml
13) T Pyrene (C20.8)	12.603	2144087	20.241 ug/ml
14) T Benzo[a]anthracene (C...	14.479	2142520	20.471 ug/ml
15) T Chrysene (C27.41)	14.520	2180396	20.175 ug/ml
16) T benzo[b]fluoranthene ...	16.033	2195749	20.409 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	2270255	20.043 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	2204665	20.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	1952294	19.735 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	2328909	20.319 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	2097885	20.103 ug/ml

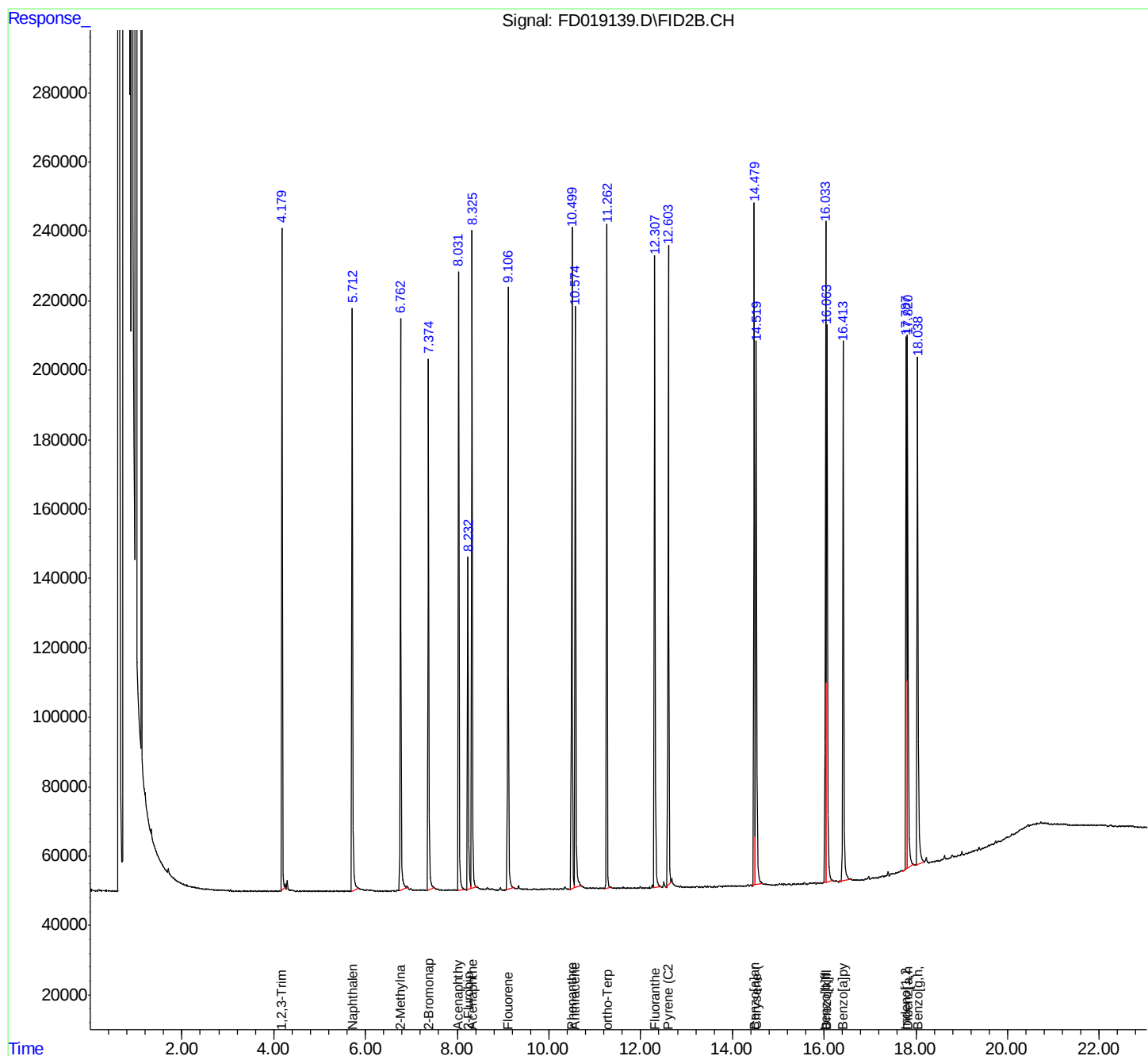
(f)=RT Delta > 1/2 Window

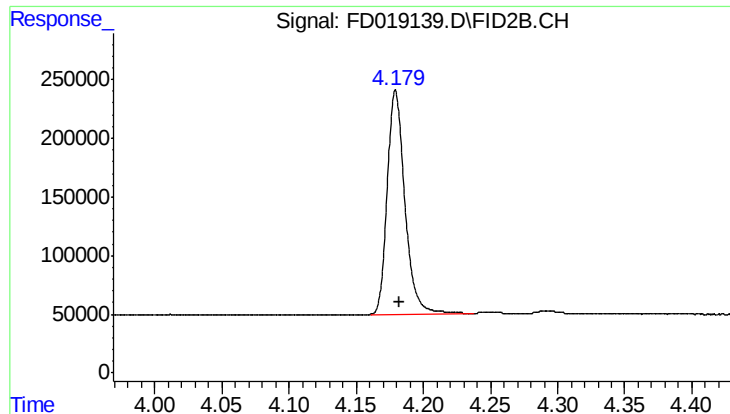
(m)=manual int.

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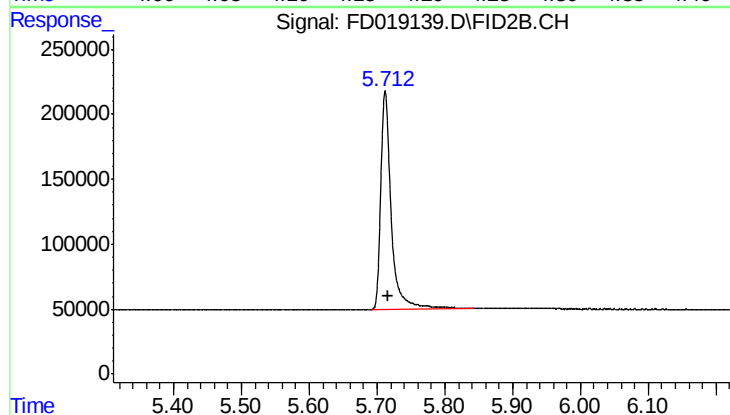
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Signal Info : 20M x 0.18mm x 0.18µm





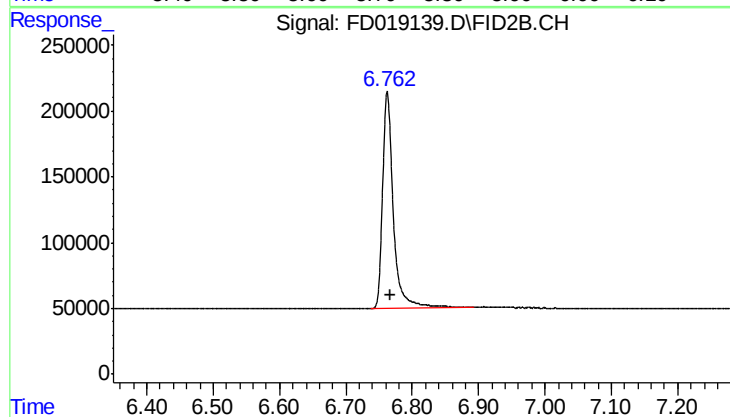
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.003 min
Response: 1737511
Conc: 19.63 ug/ml



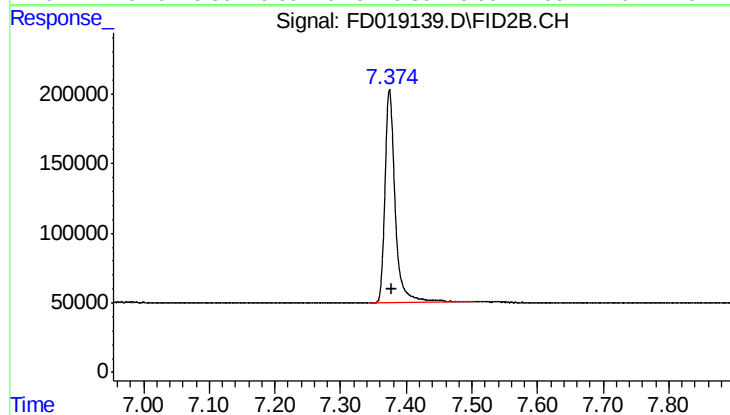
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 1794069
Conc: 20.09 ug/ml



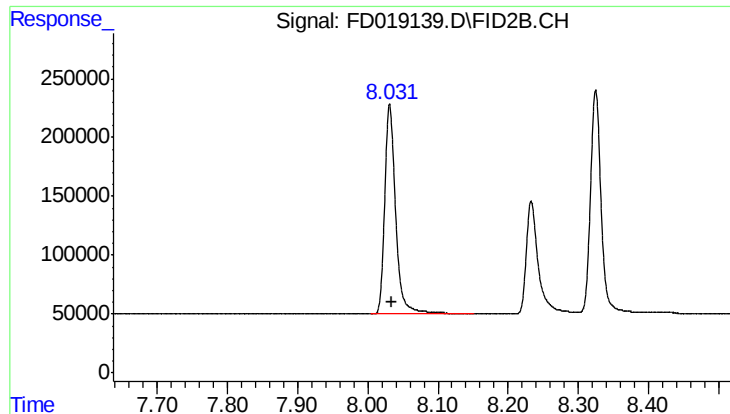
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 1855481
Conc: 20.21 ug/ml



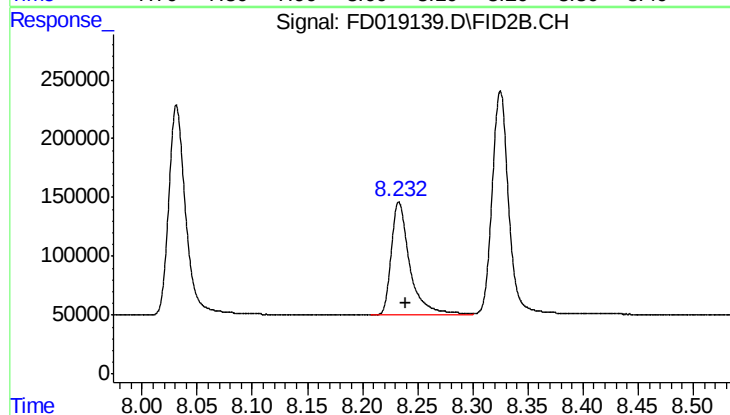
#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 1658662
Conc: 20.50 ug/ml



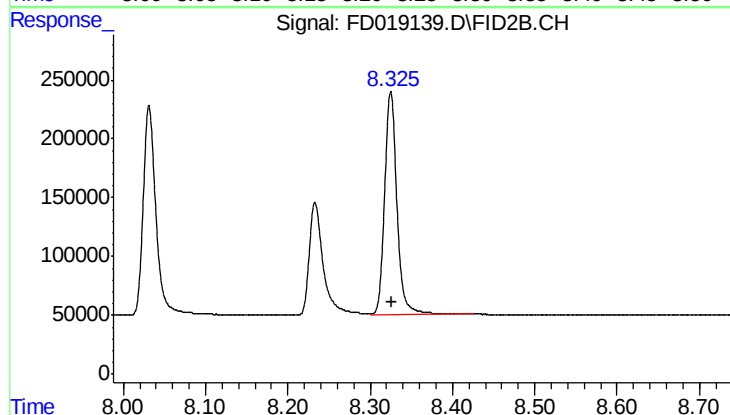
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 1923351
Conc: 20.28 ug/ml



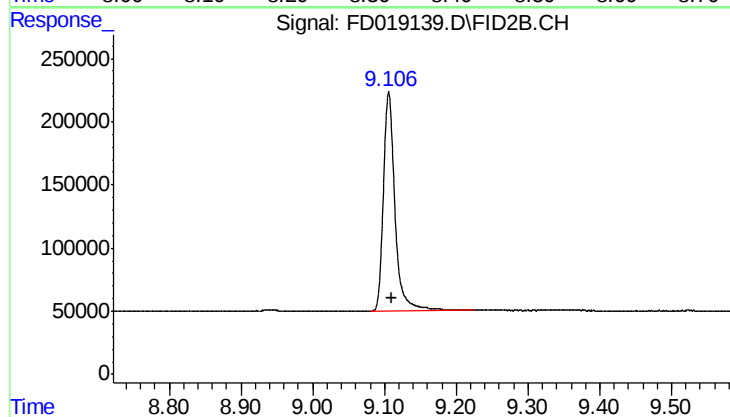
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: -0.007 min
Response: 1131352
Conc: 20.68 ug/ml



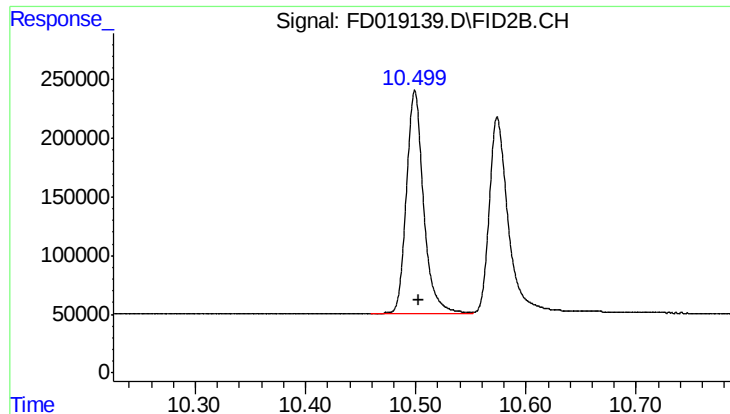
#7 Acenaphthene (C15.5)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 1978106
Conc: 20.28 ug/ml



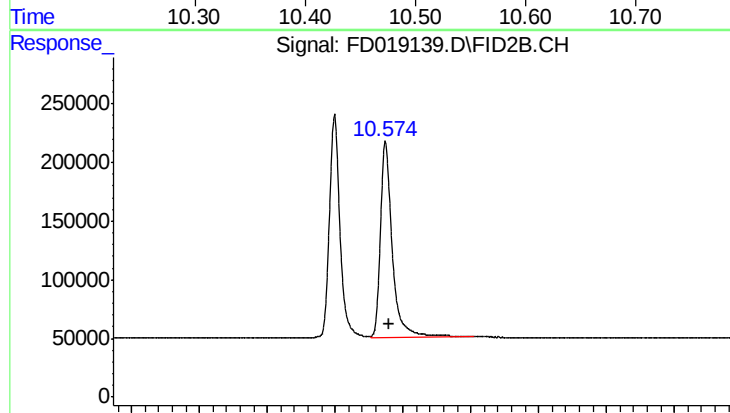
#8 Fluorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 1943418
Conc: 20.45 ug/ml



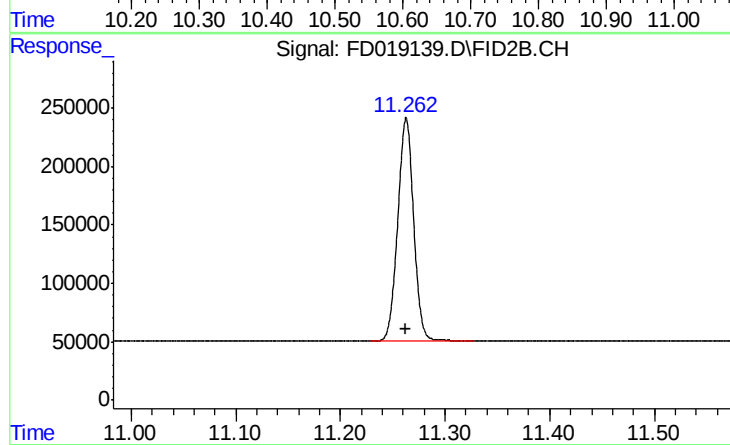
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: -0.004 min
Response: 2049633
Conc: 20.62 ug/ml



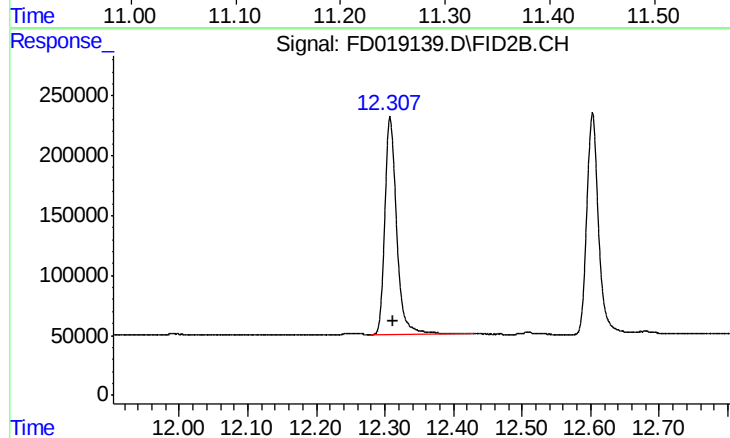
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: -0.006 min
Response: 2026531
Conc: 20.84 ug/ml



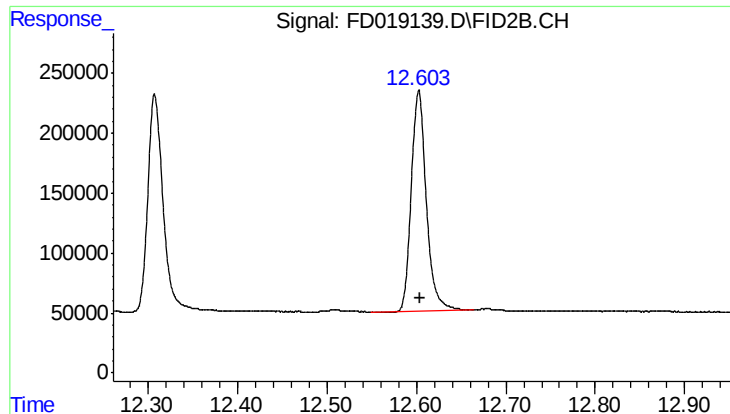
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2015952
Conc: 20.38 ug/ml



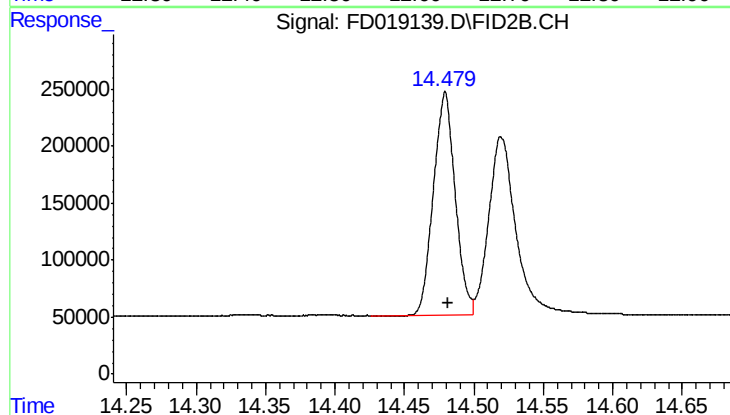
#12 Fluoranthene (C21.85)

R.T.: 12.307 min
Delta R.T.: -0.005 min
Response: 2169459
Conc: 20.46 ug/ml



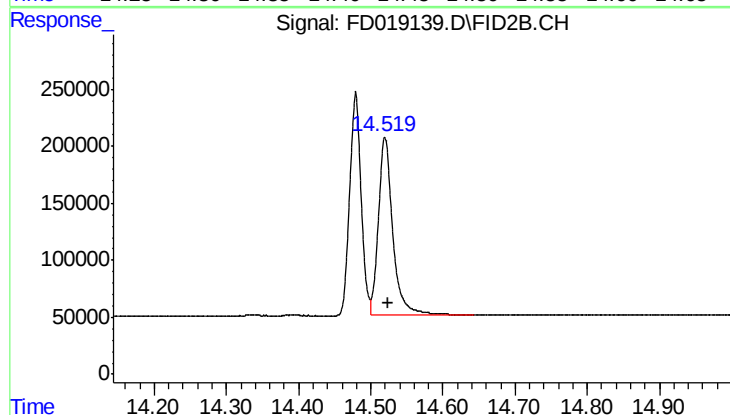
#13 Pyrene (C20.8)

R.T.: 12.603 min
Delta R.T.: -0.001 min
Response: 2144087
Conc: 20.24 ug/ml



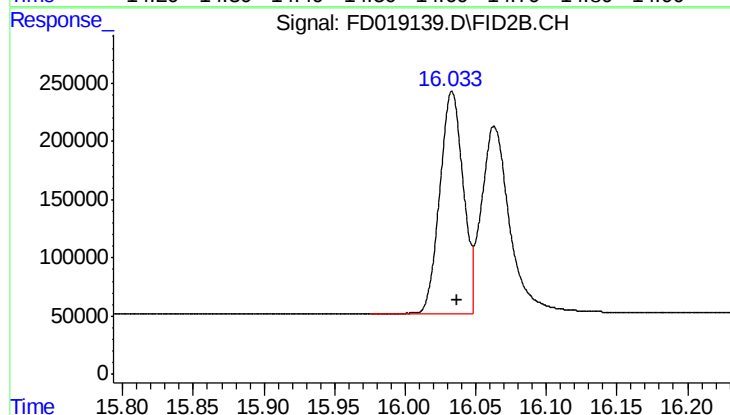
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.479 min
Delta R.T.: -0.002 min
Response: 2142520
Conc: 20.47 ug/ml



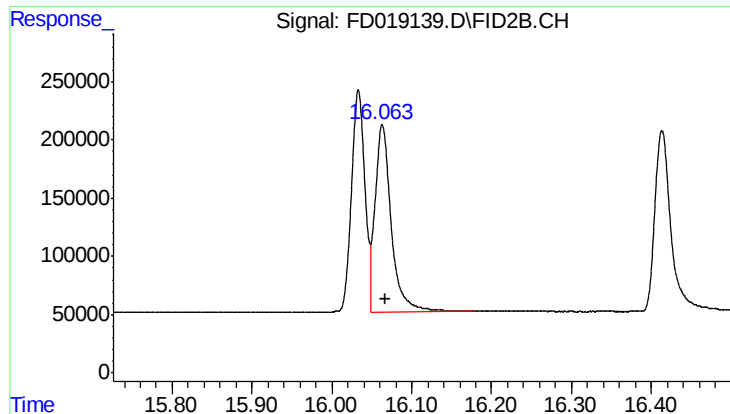
#15 Chrysene (C27.41)

R.T.: 14.520 min
Delta R.T.: -0.004 min
Response: 2180396
Conc: 20.17 ug/ml



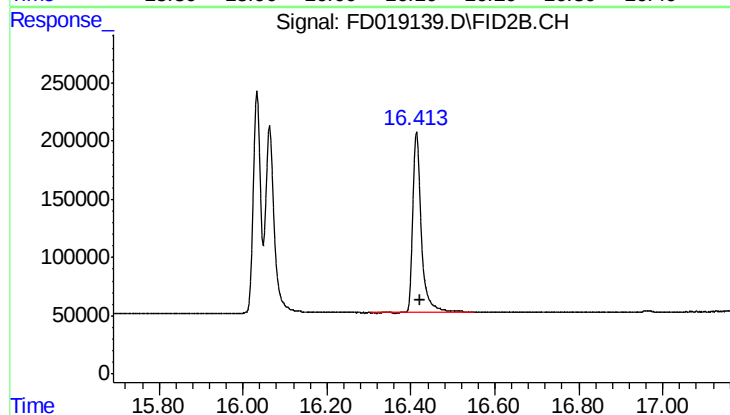
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.033 min
Delta R.T.: -0.003 min
Response: 2195749
Conc: 20.41 ug/ml



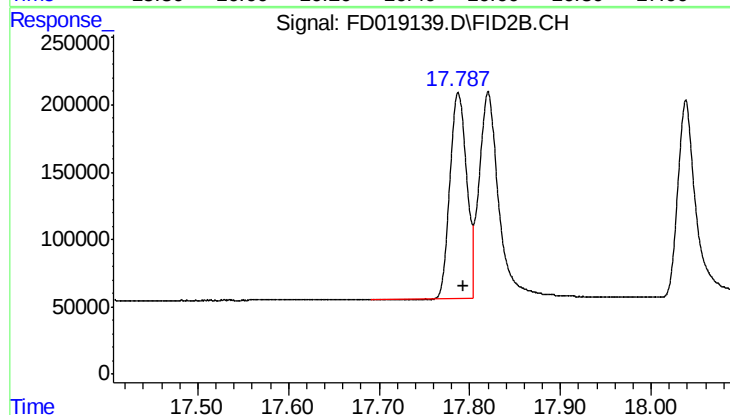
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min
Delta R.T.: -0.004 min
Response: 2270255
Conc: 20.04 ug/ml



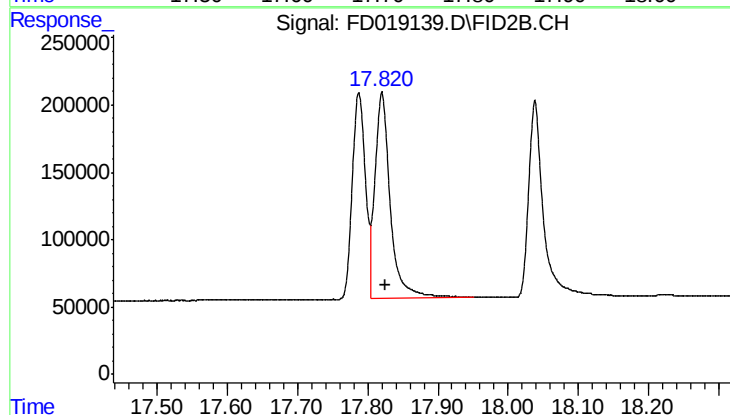
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.413 min
Delta R.T.: -0.007 min
Response: 2204665
Conc: 20.23 ug/ml



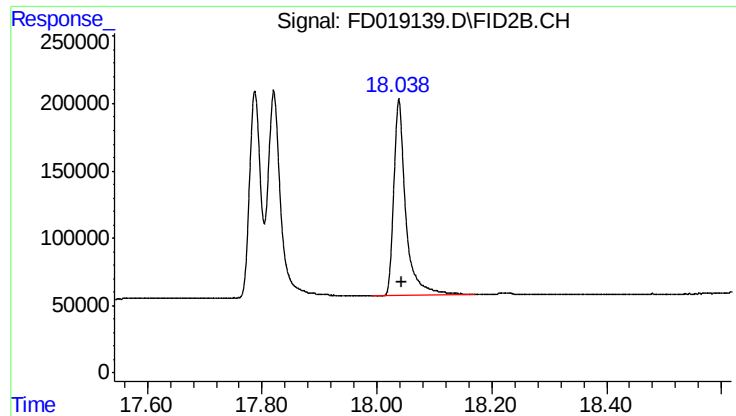
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.006 min
Response: 1952294
Conc: 19.73 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.005 min
Response: 2328909
Conc: 20.32 ug/ml



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

R.T.: 18.038 min
Delta R.T.: -0.005 min
Response: 2097885
Conc: 20.10 ug/ml