

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD090418AR\
 Data File : FD025556.D
 Signal(s) : FID2B.CH
 Acq On : 05 Sep 2018 2:17
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 05 04:42:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.436	1595583	19.793 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
6) S 2-Fluorobiphenyl (SURR)	8.289	1082433	19.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.12%
11) S ortho-Terphenyl (SURR)	11.333	1701205	18.148 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	1709138	21.752 ug/ml
2) T Naphthalene (C11.7)	5.771	1836199	20.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	1795257	20.247 ug/ml
5) T Acenaphthylene (C15.06)	8.093	1716365	19.254 ug/ml
7) T Acenaphthene (C15.5)	8.388	1791545	19.153 ug/ml
8) T Fluorene (C16.55)	9.167	1757311	18.364 ug/ml
9) T Phenanthrene (C19.36)	10.558	1750629	18.126 ug/ml
10) T Anthracene (C19.43)	10.632	1716060	18.084 ug/ml
12) T Fluoranthene (C21.85)	12.364	1820778	18.980 ug/ml
13) T Pyrene (C20.8)	12.659	1852370	19.359 ug/ml
14) T Benzo[alanthracene (C...	14.527	1925052	21.510 ug/ml
15) T Chrysene (C27.41)	14.569	1936815	21.588 ug/ml
16) T benzo[b]fluoranthene ...	16.073	2027185	21.213 ug/ml
17) T Benzo[k]fluoranthene ...	16.105	2023633	20.898 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.449	2024770	20.812 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	1975853	19.274 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	1951880	19.376 ug/ml
21) T Benzo[a,h,i]perylene ...	18.063	2025151	19.575 ug/ml

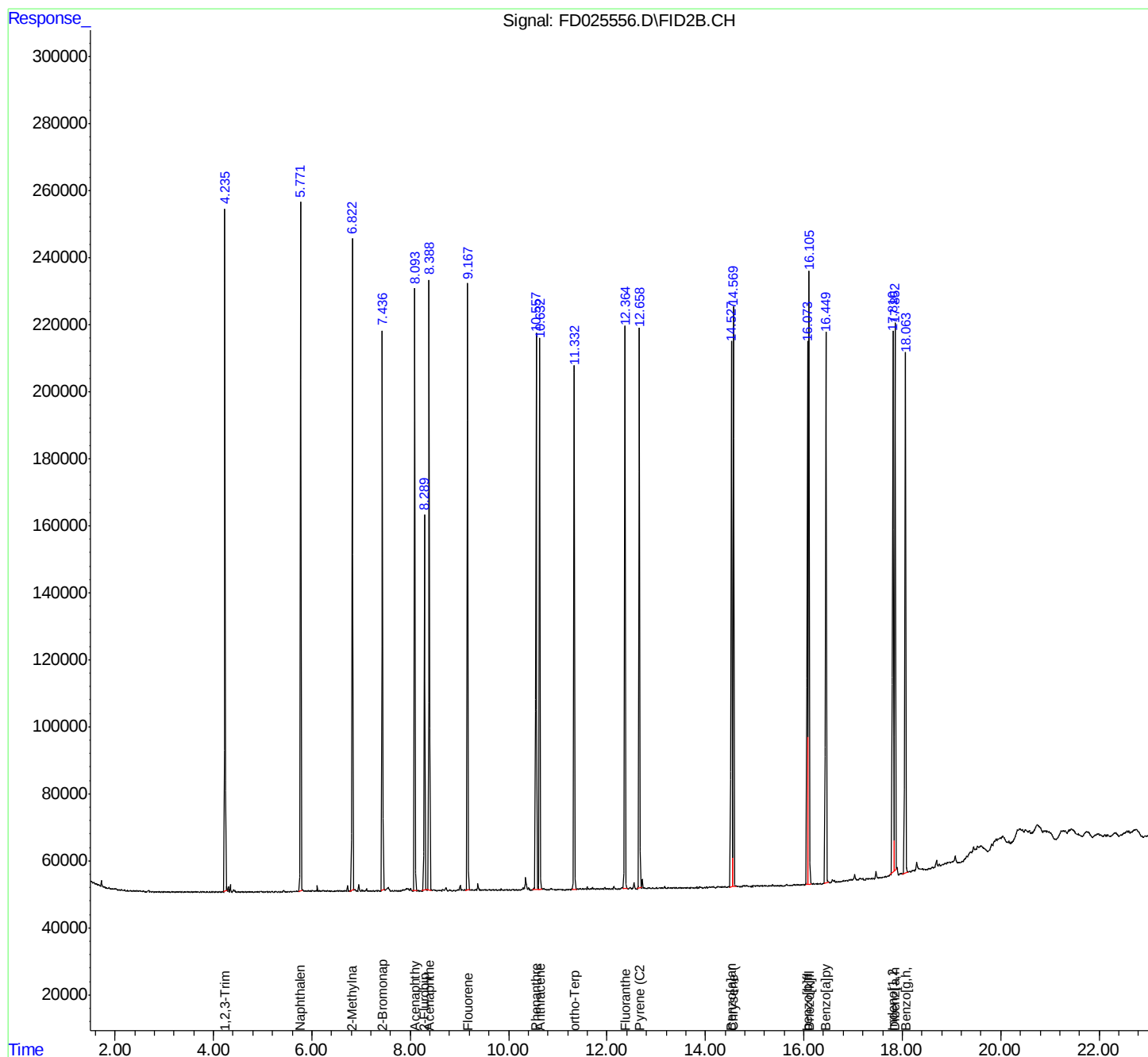
(f)=RT Delta > 1/2 Window

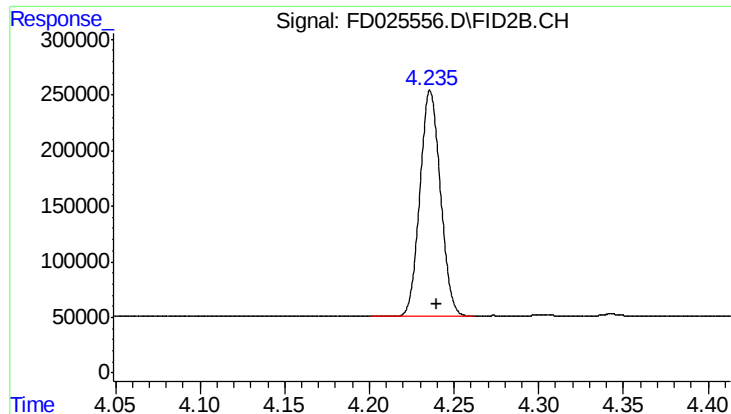
(m)=manual int.

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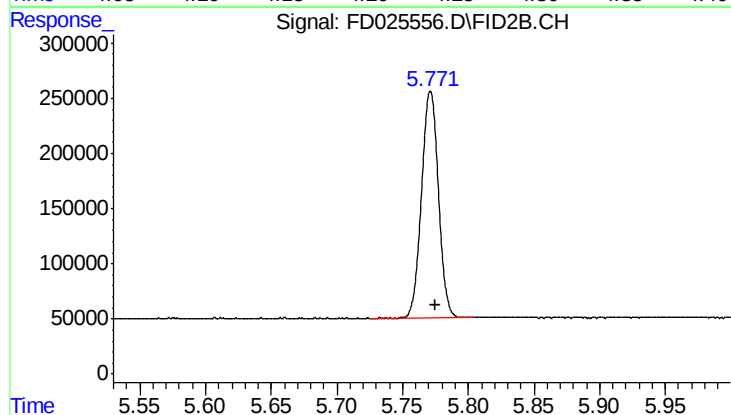
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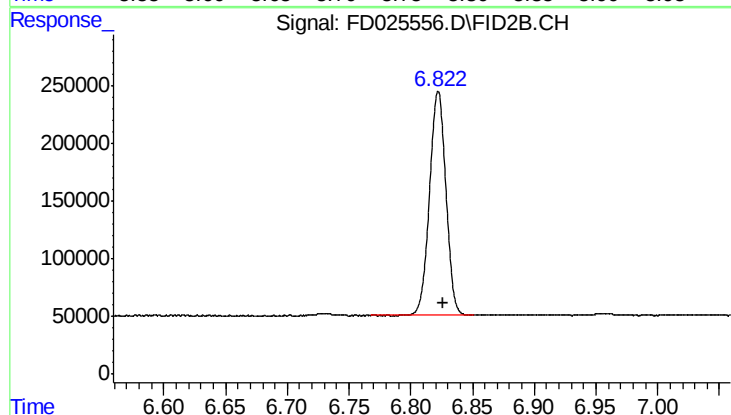
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.004 min
Response: 1709138
Conc: 21.75 ug/ml



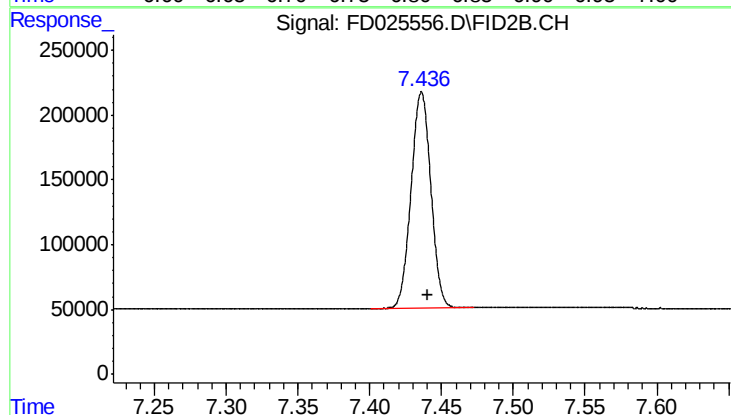
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 1836199
Conc: 20.99 ug/ml



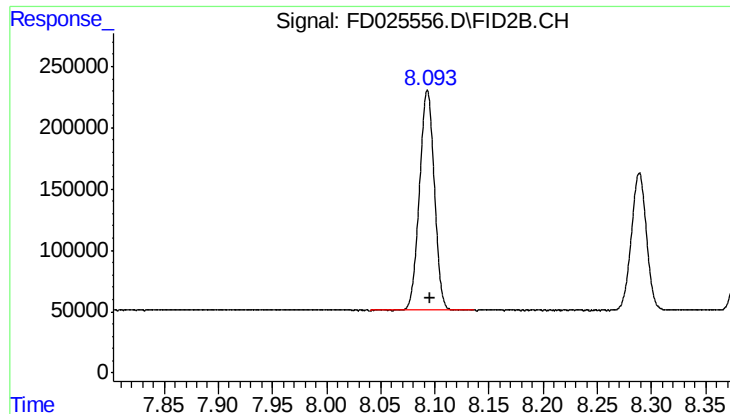
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 1795257
Conc: 20.25 ug/ml



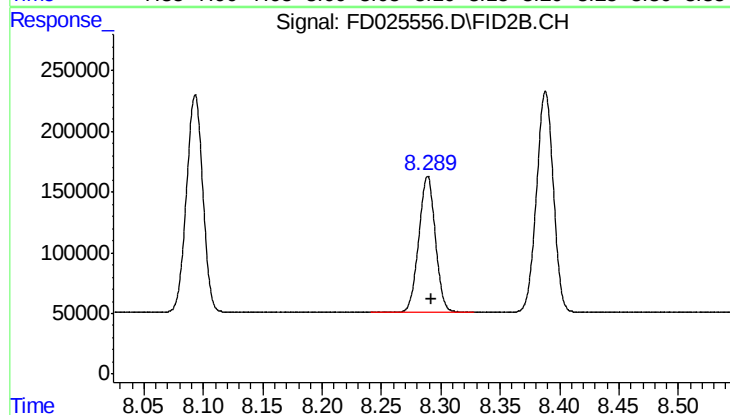
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.004 min
Response: 1595583
Conc: 19.79 ug/ml



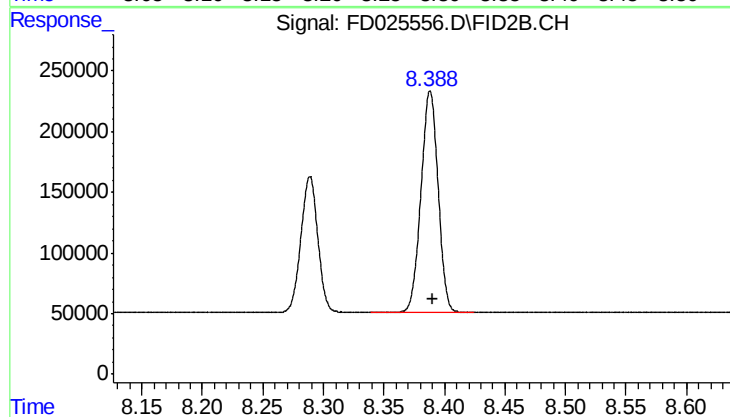
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 1716365
Conc: 19.25 ug/ml



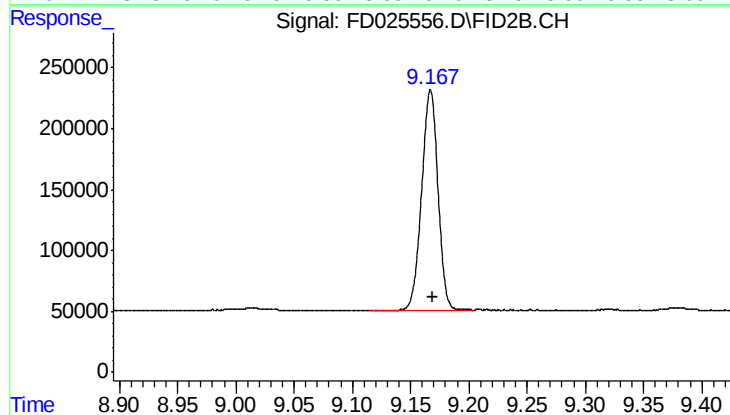
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.289 min
Delta R.T.: -0.003 min
Response: 1082433
Conc: 19.06 ug/ml



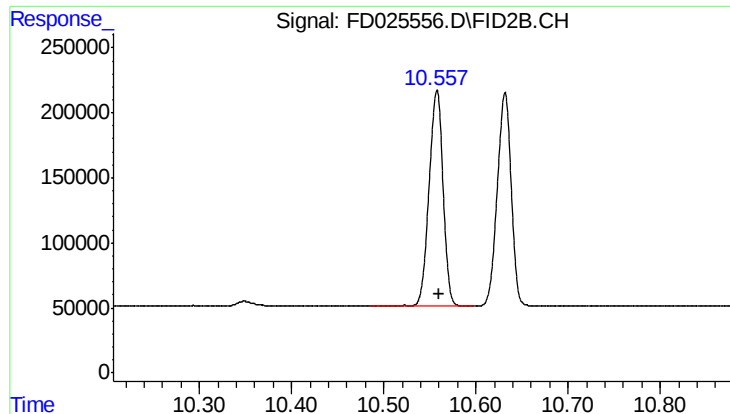
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.003 min
Response: 1791545
Conc: 19.15 ug/ml



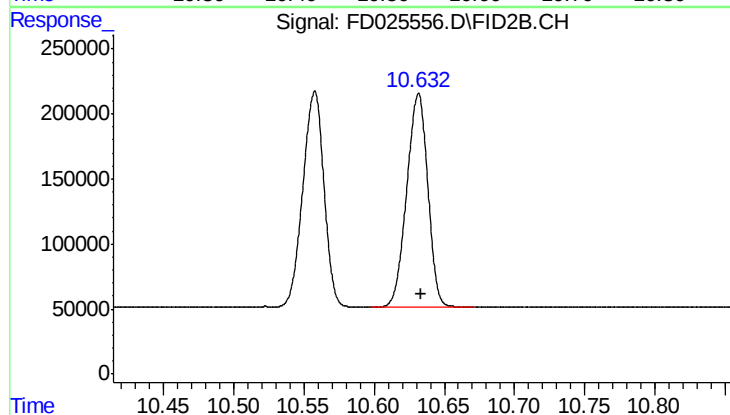
#8 Fluorene (C16.55)

R.T.: 9.167 min
Delta R.T.: -0.002 min
Response: 1757311
Conc: 18.36 ug/ml



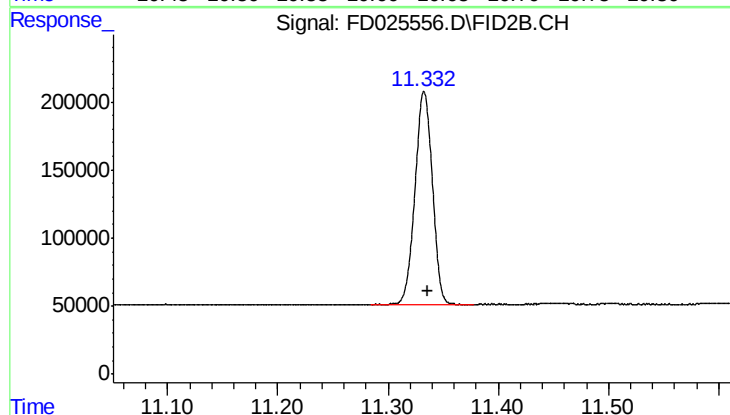
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.002 min
Response: 1750629
Conc: 18.13 ug/ml



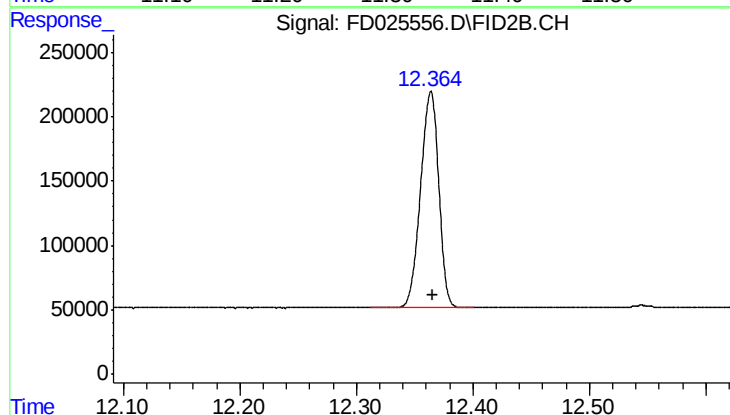
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.002 min
Response: 1716060
Conc: 18.08 ug/ml



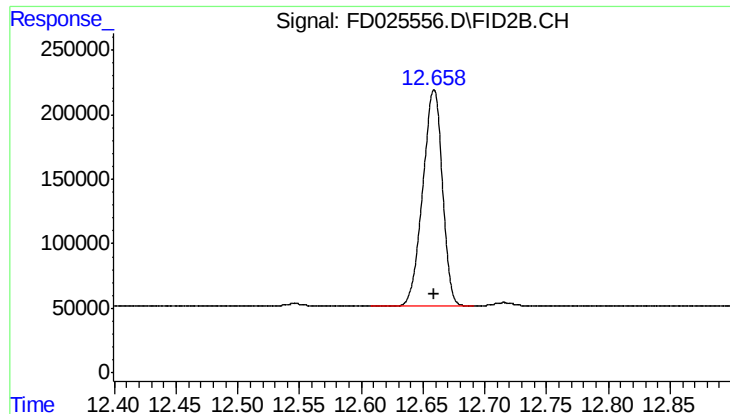
#11 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 1701205
Conc: 18.15 ug/ml



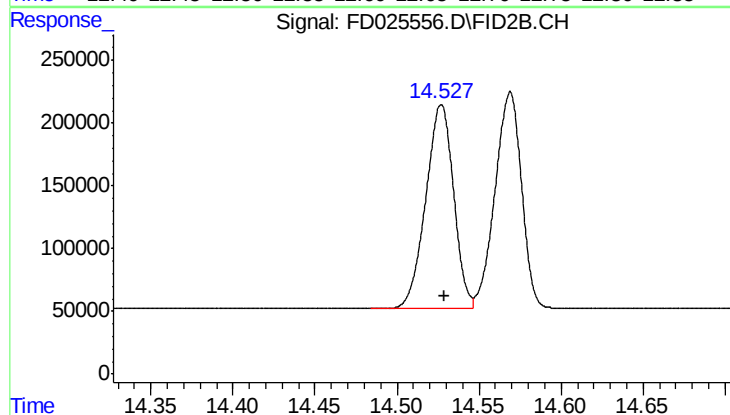
#12 Fluoranthene (C21.85)

R.T.: 12.364 min
Delta R.T.: -0.001 min
Response: 1820778
Conc: 18.98 ug/ml



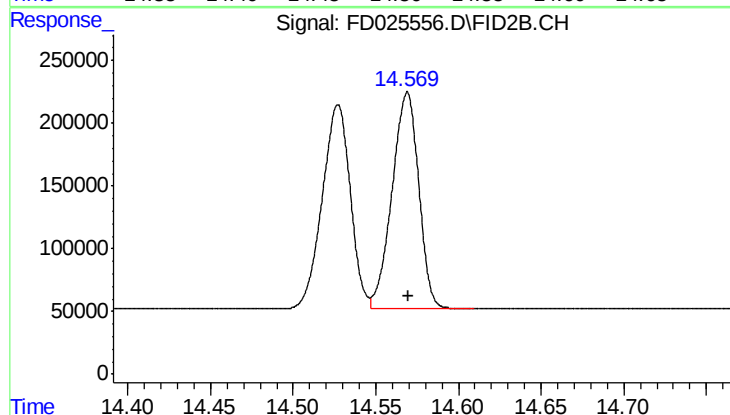
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 1852370
Conc: 19.36 ug/ml



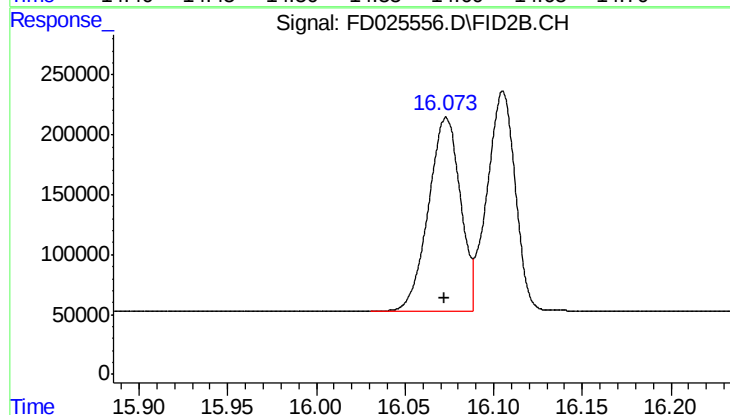
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.527 min
Delta R.T.: -0.002 min
Response: 1925052
Conc: 21.51 ug/ml



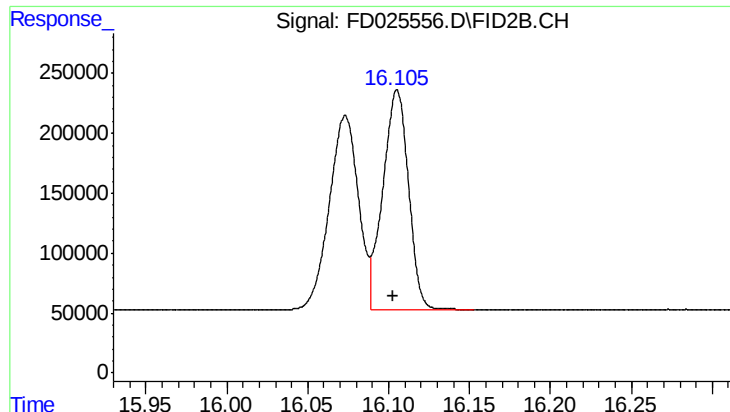
#15 Chrysene (C27.41)

R.T.: 14.569 min
Delta R.T.: 0.000 min
Response: 1936815
Conc: 21.59 ug/ml



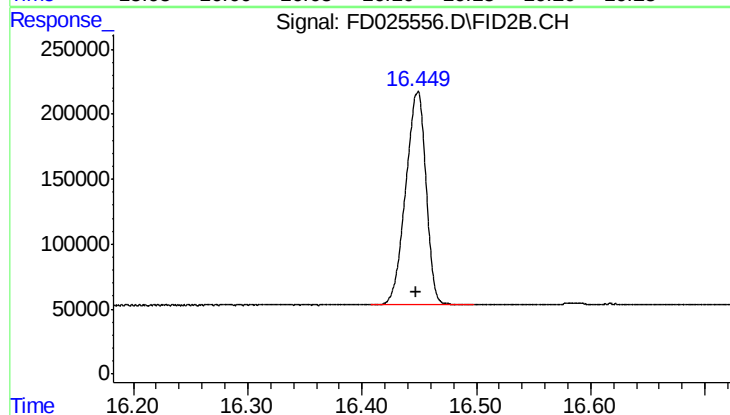
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
Delta R.T.: 0.001 min
Response: 2027185
Conc: 21.21 ug/ml



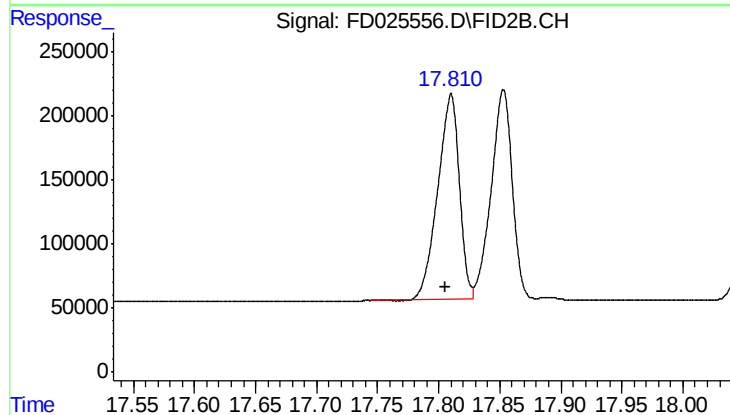
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.105 min
Delta R.T.: 0.002 min
Response: 2023633
Conc: 20.90 ug/ml



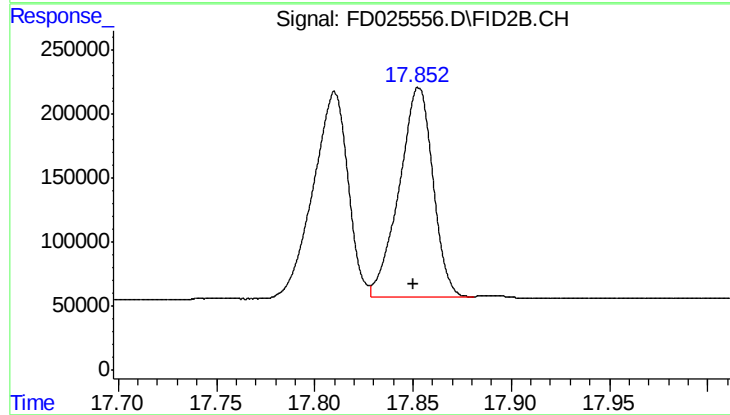
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.449 min
Delta R.T.: 0.002 min
Response: 2024770
Conc: 20.81 ug/ml



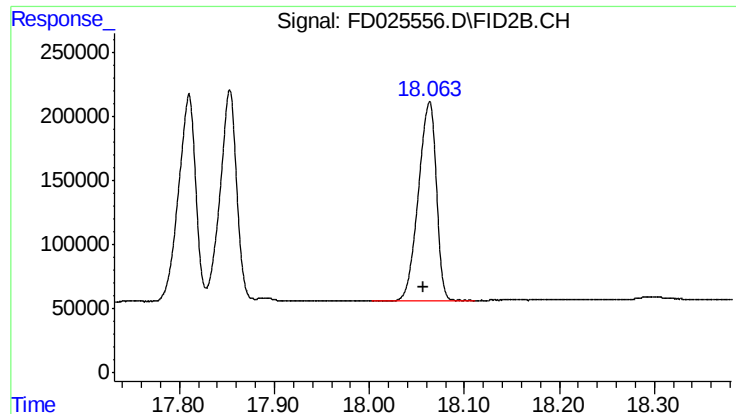
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: 0.005 min
Response: 1975853
Conc: 19.27 ug/ml



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

R.T.: 17.853 min
Delta R.T.: 0.003 min
Response: 1951880
Conc: 19.38 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.006 min
Response: 2025151
Conc: 19.58 ug/ml