

Data Path : P:\HPCHEM1\FID D\Data\FD031418AR\
 Data File : FD022524.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2018 10:39
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 11:02:57 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.325	1787027	21.331 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
6) S 2-Fluorobiphenyl (SURR)	8.185	1131633	22.383 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.77%
11) S ortho-Terphenyl (SURR)	11.210	2147021	22.624 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.132	1978888	22.409 ug/ml
2) T Naphthalene (C11.7)	5.663	1961968	21.933 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	1939430	21.355 ug/ml
5) T Acenaphthylene (C15.06)	7.981	2039197	21.293 ug/ml
7) T Acenaphthene (C15.5)	8.273	2156453	21.051 ug/ml
8) T Fluorene (C16.55)	9.055	2055259	21.919 ug/ml
9) T Phenanthrene (C19.36)	10.449	2141484	22.984 ug/ml
10) T Anthracene (C19.43)	10.526	2140107	22.569 ug/ml
12) T Fluoranthene (C21.85)	12.260	2277493	22.706 ug/ml
13) T Pyrene (C20.8)	12.554	2269742	22.341 ug/ml
14) T Benzo[alanthracene (C...	14.474	2280532	23.650 ug/ml
15) T Chrysene (C27.41)	14.474	2280532	21.130 ug/ml
16) T benzo[b]fluoranthene ...	16.022	2358232	23.458 ug/ml
17) T Benzo[k]fluoranthene ...	16.022	2358232	20.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	2101963	20.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	2510887	26.354 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	2510887	22.096 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.005	1653910	15.924 ug/ml

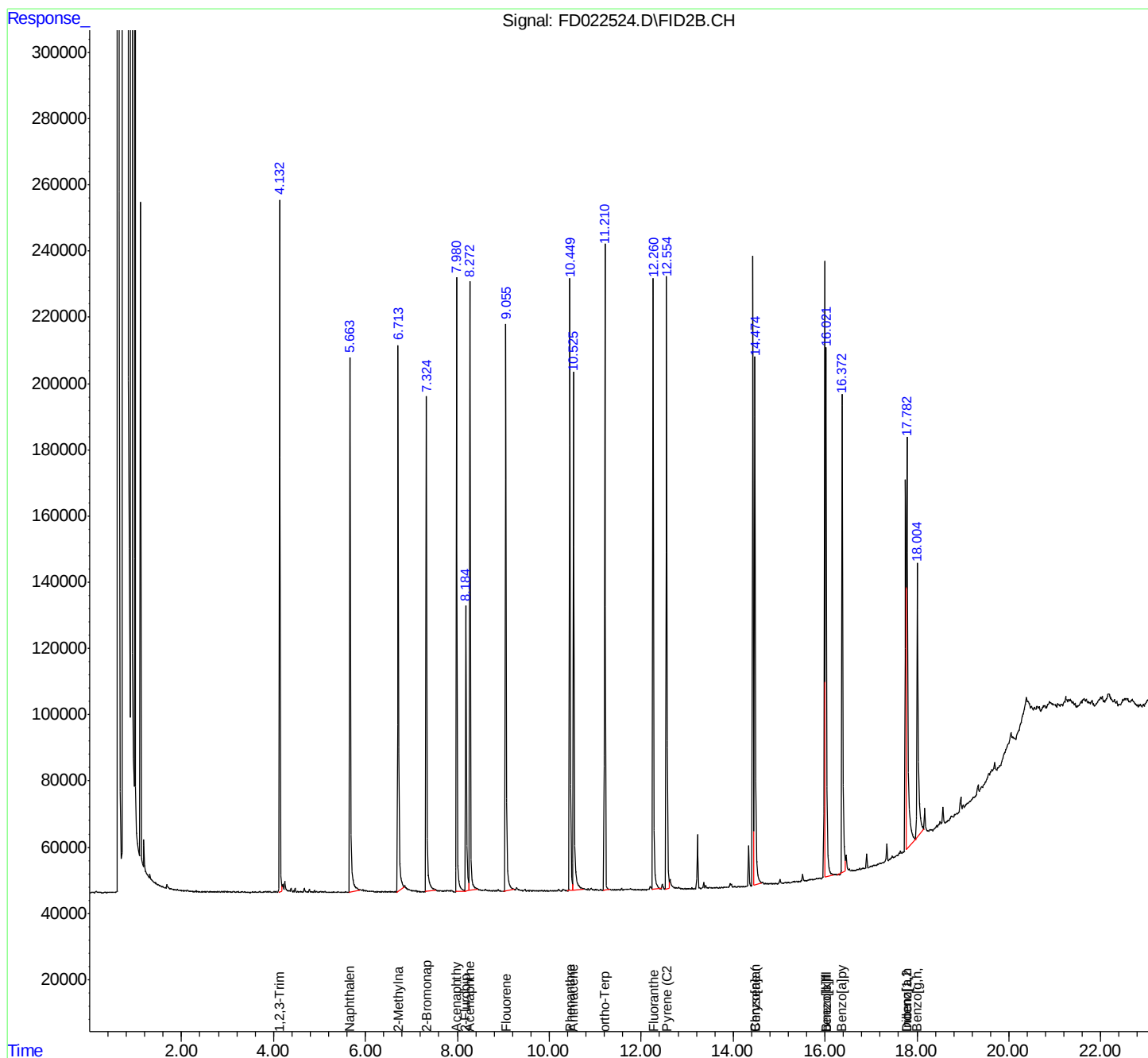
(f)=RT Delta > 1/2 Window

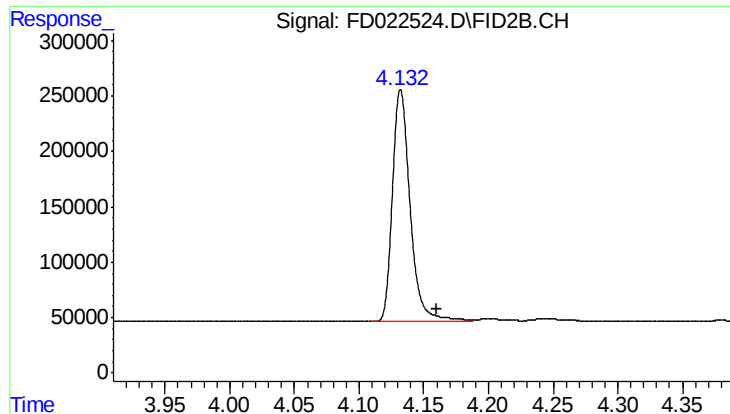
(m)=manual int.

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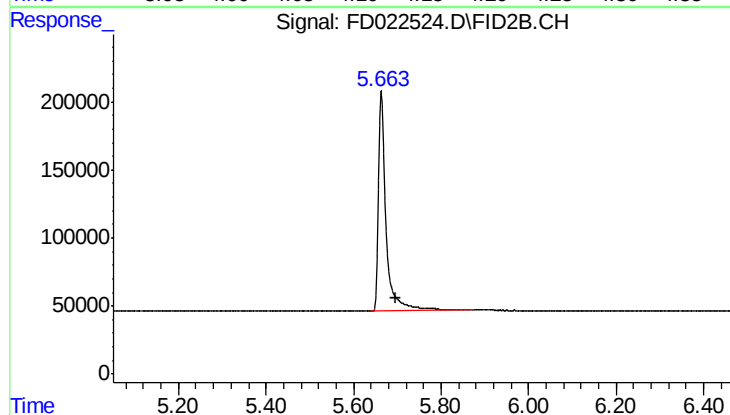
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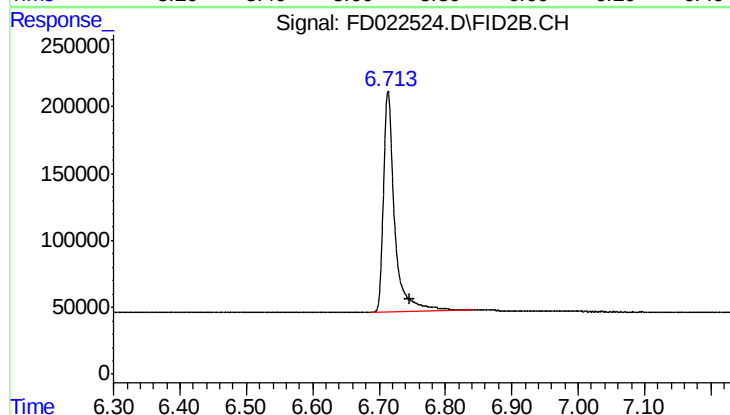
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.132 min
Delta R.T.: -0.027 min
Response: 1978888
Conc: 22.41 ug/ml



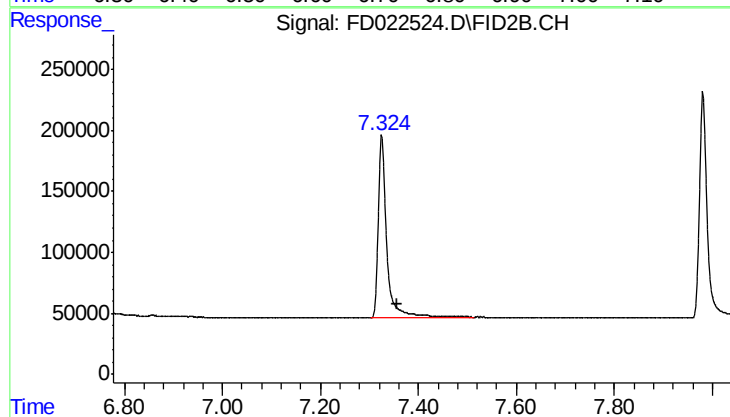
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.033 min
Response: 1961968
Conc: 21.93 ug/ml



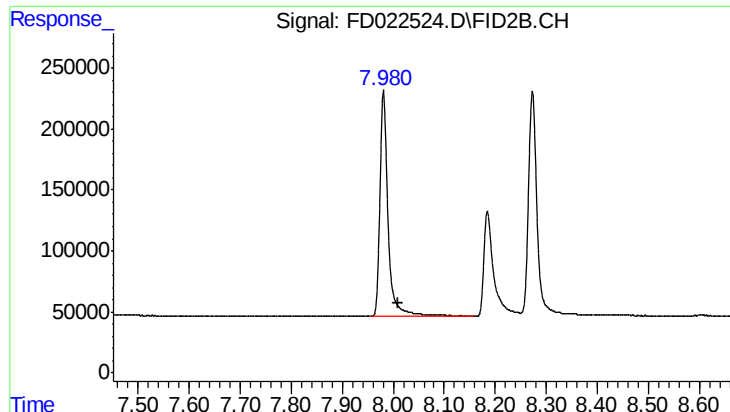
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.032 min
Response: 1939430
Conc: 21.35 ug/ml



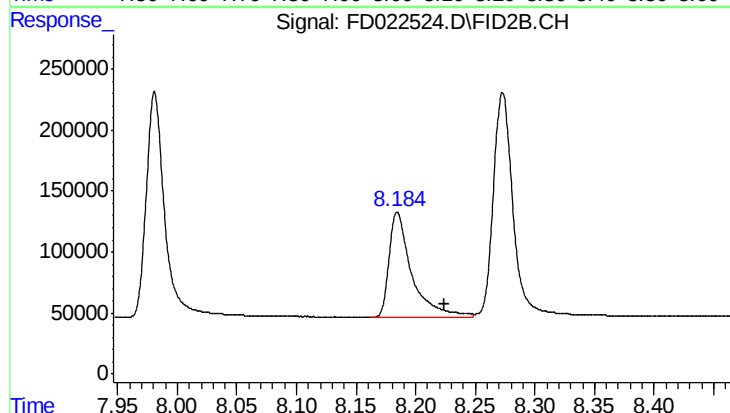
#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: -0.030 min
Response: 1787027
Conc: 21.33 ug/ml



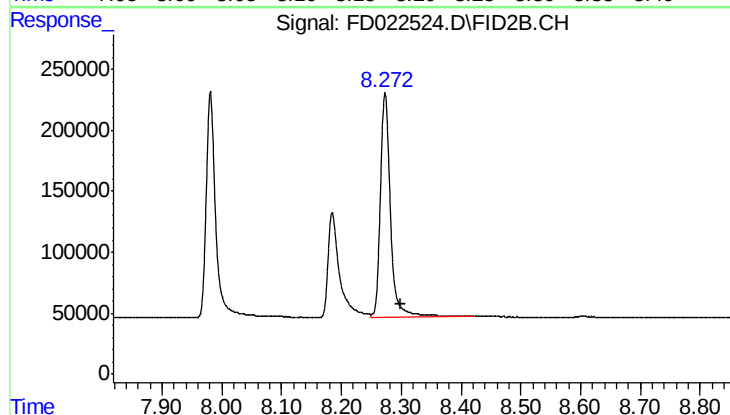
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.028 min
Response: 2039197
Conc: 21.29 ug/ml



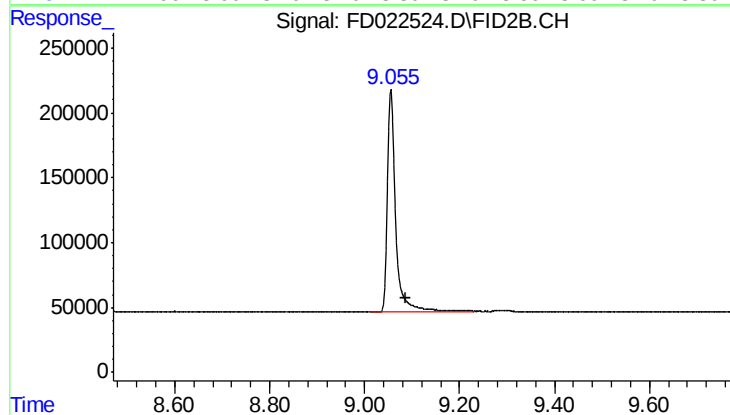
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.040 min
Response: 1131633
Conc: 22.38 ug/ml



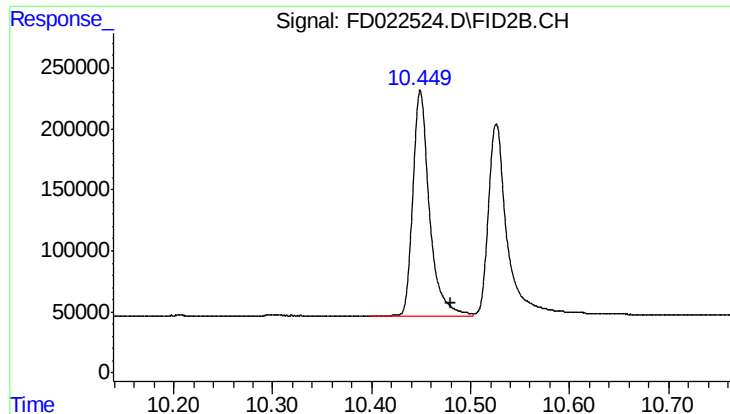
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.026 min
Response: 2156453
Conc: 21.05 ug/ml



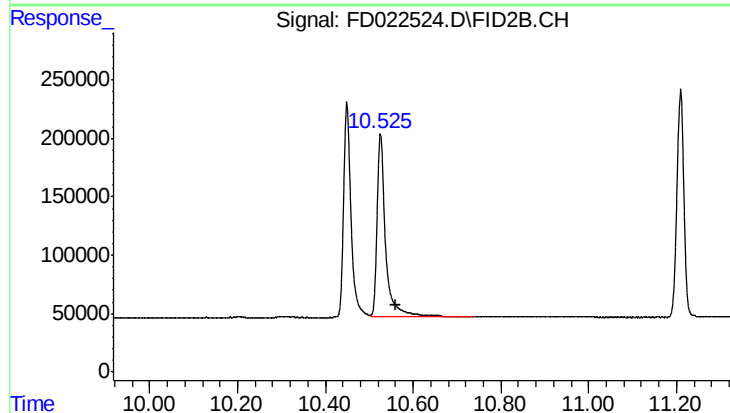
#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.031 min
Response: 2055259
Conc: 21.92 ug/ml



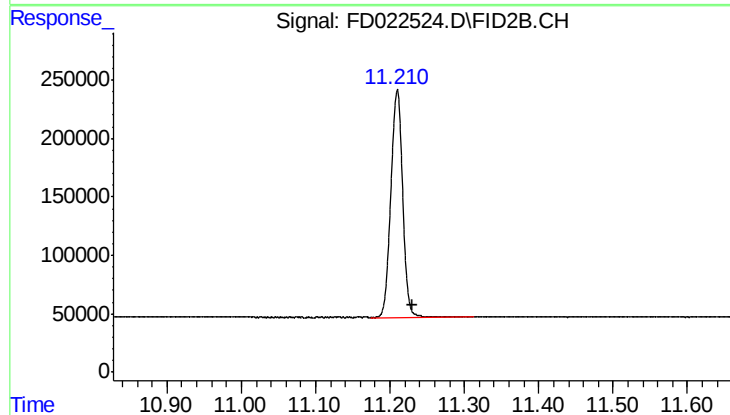
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.031 min
Response: 2141484
Conc: 22.98 ug/ml



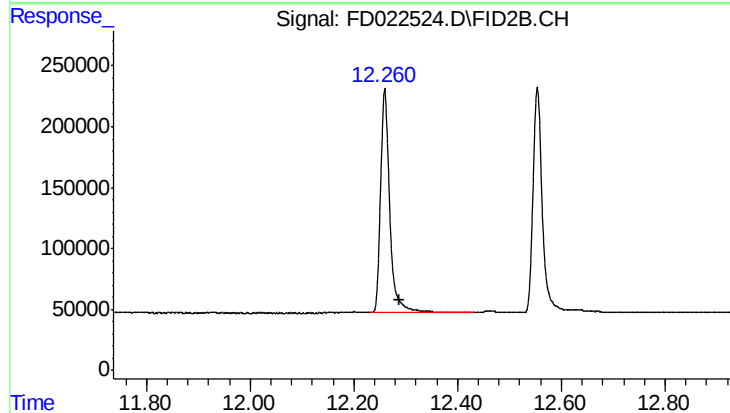
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: -0.033 min
Response: 2140107
Conc: 22.57 ug/ml



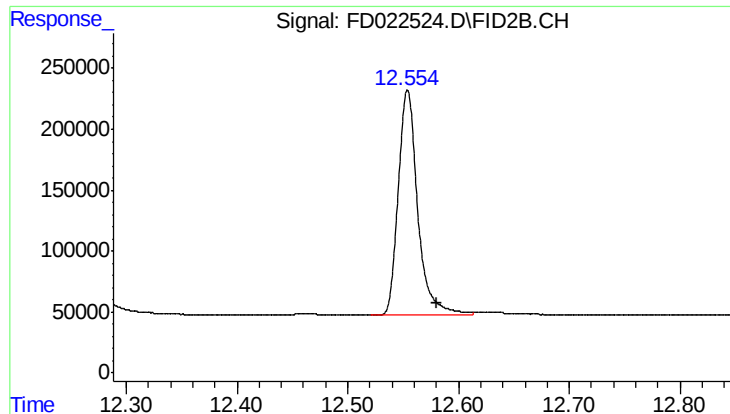
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: -0.020 min
Response: 2147021
Conc: 22.62 ug/ml



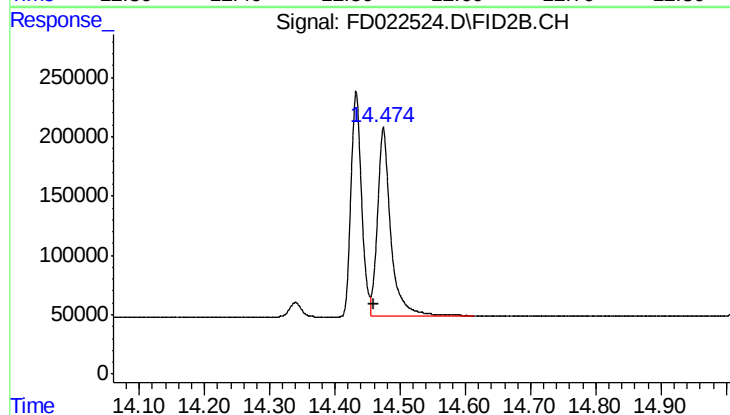
#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.028 min
Response: 2277493
Conc: 22.71 ug/ml



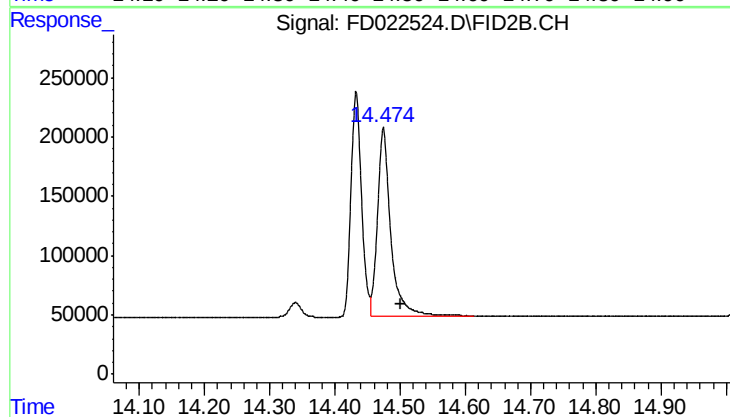
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.026 min
Response: 2269742
Conc: 22.34 ug/ml



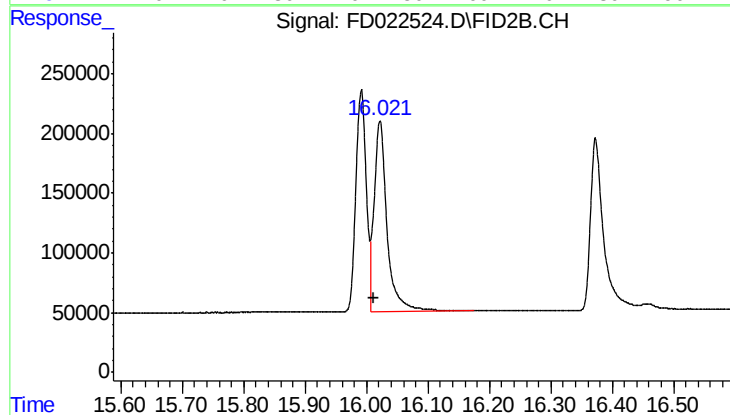
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.015 min
Response: 2280532
Conc: 23.65 ug/ml



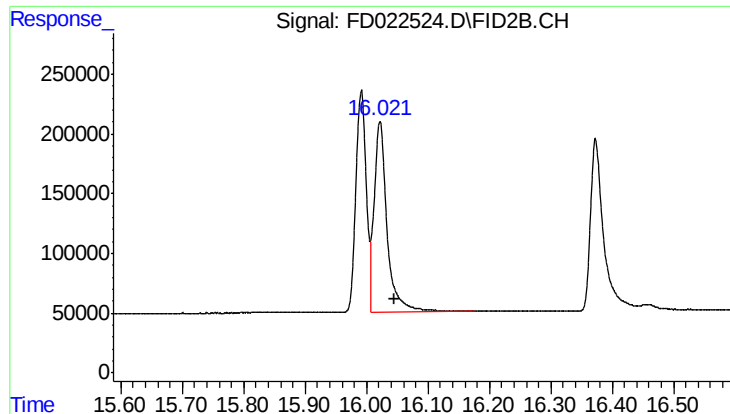
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.026 min
Response: 2280532
Conc: 21.13 ug/ml



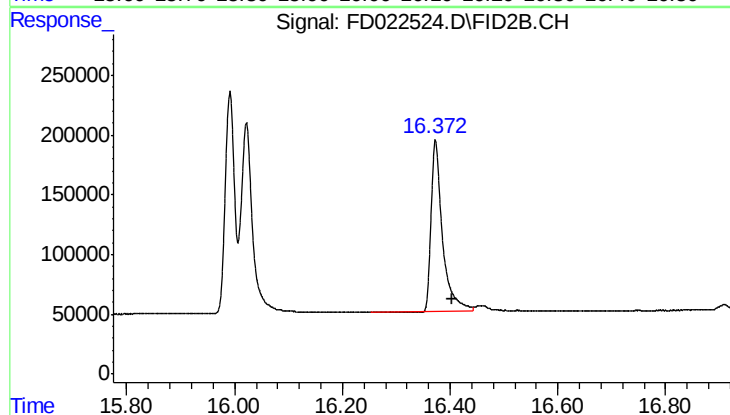
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min
Delta R.T.: 0.010 min
Response: 2358232
Conc: 23.46 ug/ml



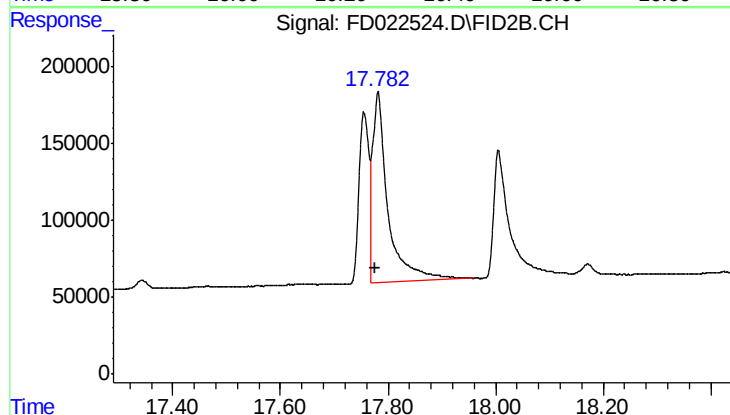
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: -0.024 min
Response: 2358232
Conc: 20.78 ug/ml



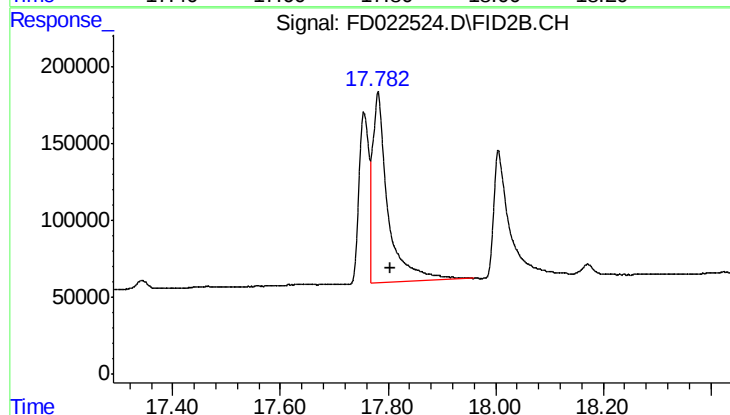
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.032 min
Response: 2101963
Conc: 20.00 ug/ml



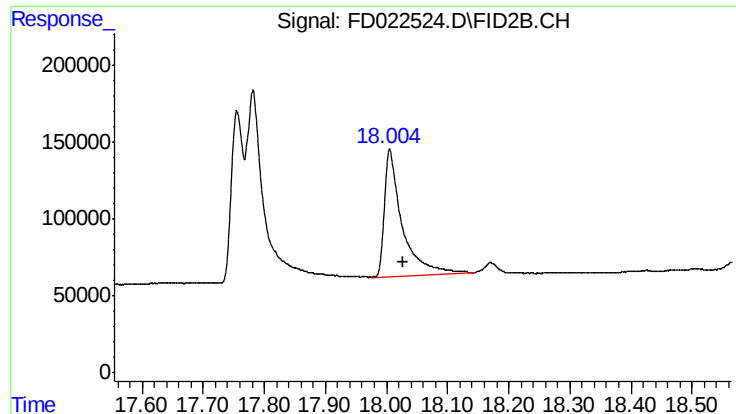
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: 0.004 min
Response: 2510887
Conc: 26.35 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.023 min
Response: 2510887
Conc: 22.10 ug/ml



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

R.T.: 18.005 min
Delta R.T.: -0.022 min
Response: 1653910
Conc: 15.92 ug/ml