

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022584.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 5:06
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 20 07:45:07 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...	7.324	1465602	17.494 ug/ml
Spiked Amount 50.000		Recovery =	34.99%
6) S 2-Fluorobiphenyl (SURR)	8.185	892914	17.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.32%
11) S ortho-Terphenyl (SURR)	11.204	1771006	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1627215	18.426 ug/ml
2) T Naphthalene (C11.7)	5.663	1613202	18.034 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	1542618	16.985 ug/ml
5) T Acenaphthylene (C15.06)	7.979	1685346	17.598 ug/ml
7) T Acenaphthene (C15.5)	8.270	1801603	17.587 ug/ml
8) T Fluorene (C16.55)	9.053	1699907	18.129 ug/ml
9) T Phenanthrene (C19.36)	10.446	1758364	18.872 ug/ml
10) T Anthracene (C19.43)	10.522	1784358	18.817 ug/ml
12) T Fluoranthene (C21.85)	12.255	1877737	18.720 ug/ml
13) T Pyrene (C20.8)	12.549	1878548	18.490 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.427	1788515	18.547 ug/mlm
15) T Chrysene (C27.41)	14.469	1870505	17.331 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.985	1789240	17.798 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.016	2022600	17.824 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.369	1854300	17.645 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.749	1106800	11.617 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.777	2055819	18.091 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.002	1318674	12.696 ug/ml

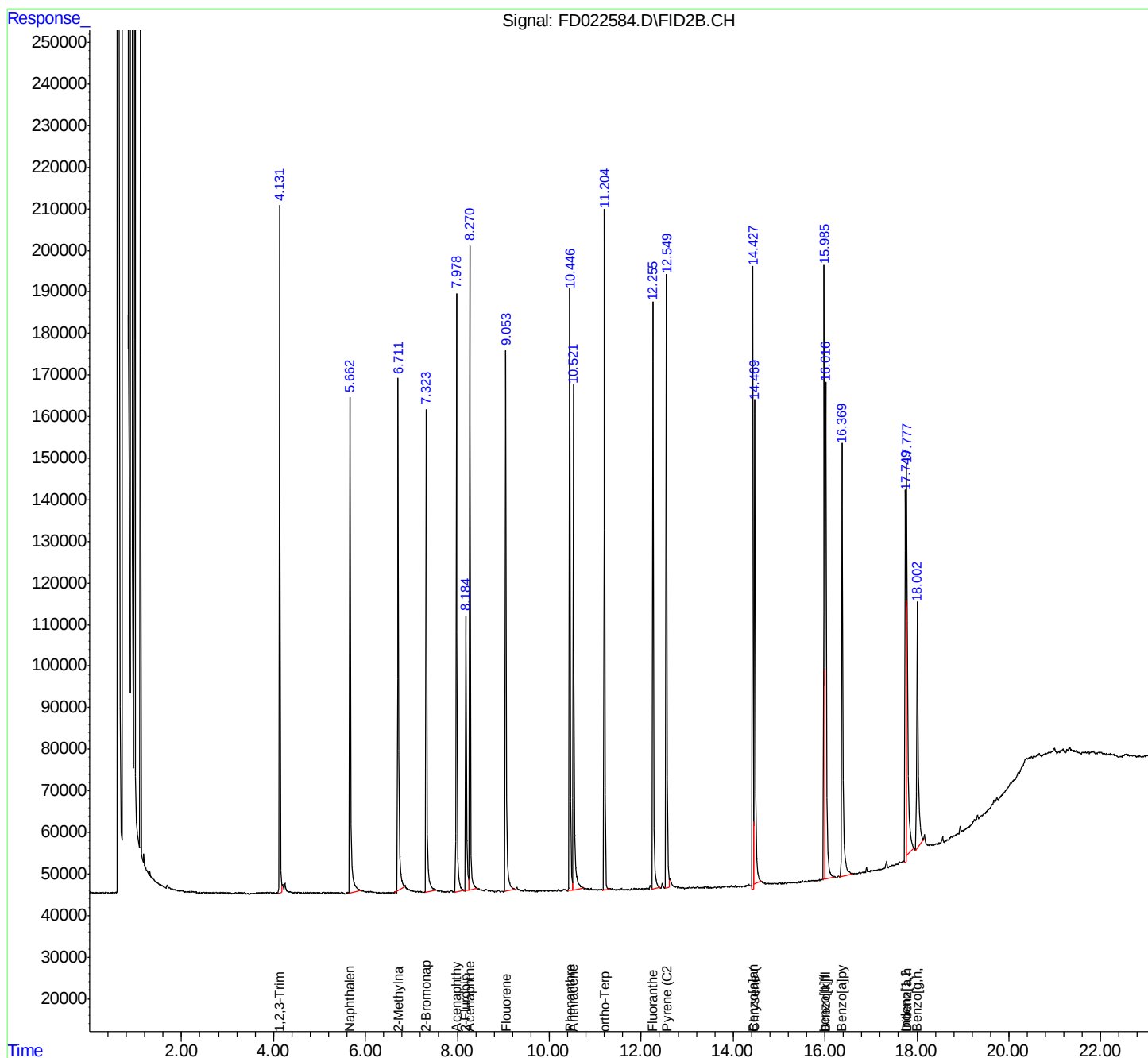
(f)=RT Delta > 1/2 Window

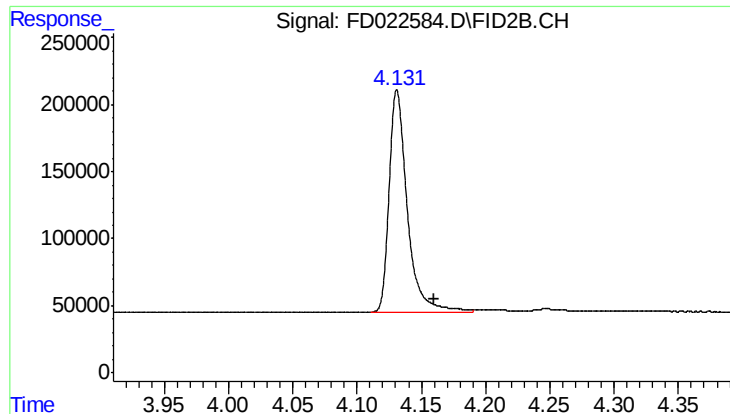
(m)=manual int.

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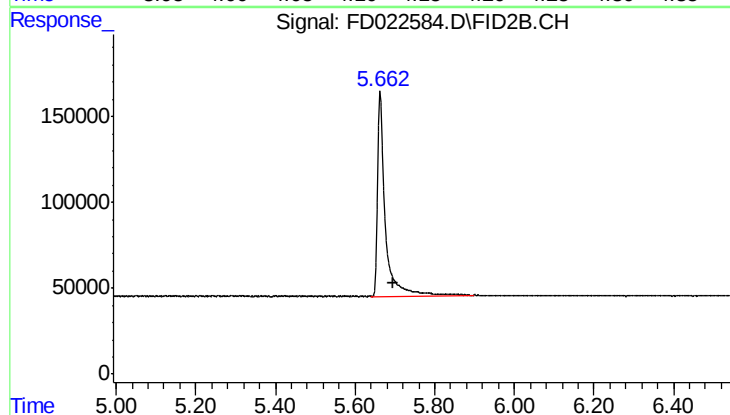
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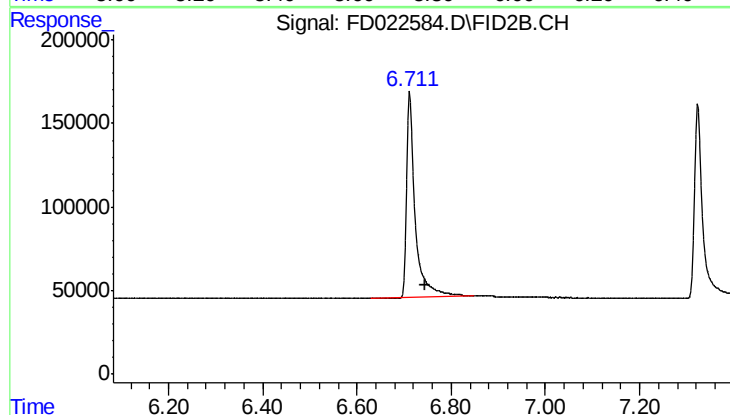
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.028 min
Response: 1627215
Conc: 18.43 ug/ml



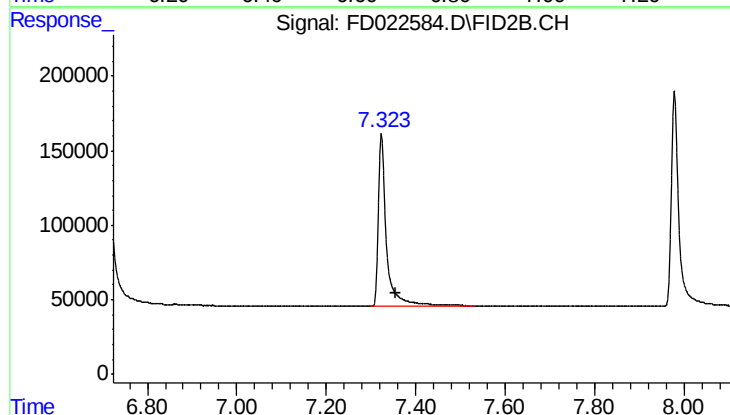
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.033 min
Response: 1613202
Conc: 18.03 ug/ml



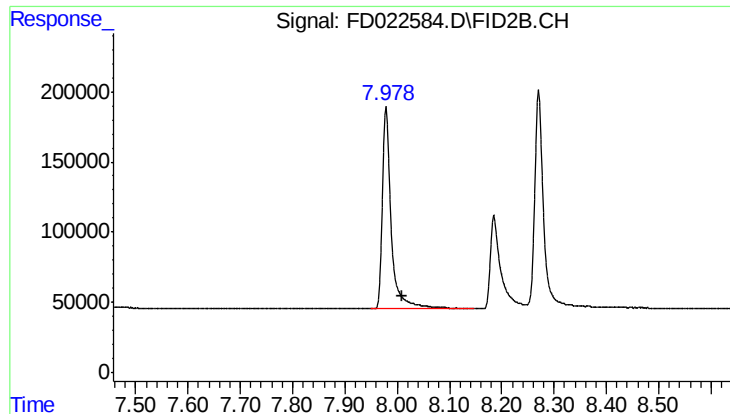
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: -0.034 min
Response: 1542618
Conc: 16.99 ug/ml



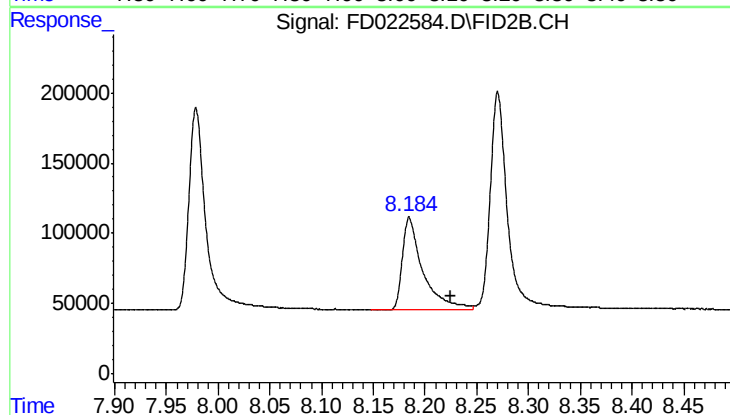
#4 2-Bromonaphthalene (SURR)

R.T.: 7.324 min
Delta R.T.: -0.032 min
Response: 1465602
Conc: 17.49 ug/ml



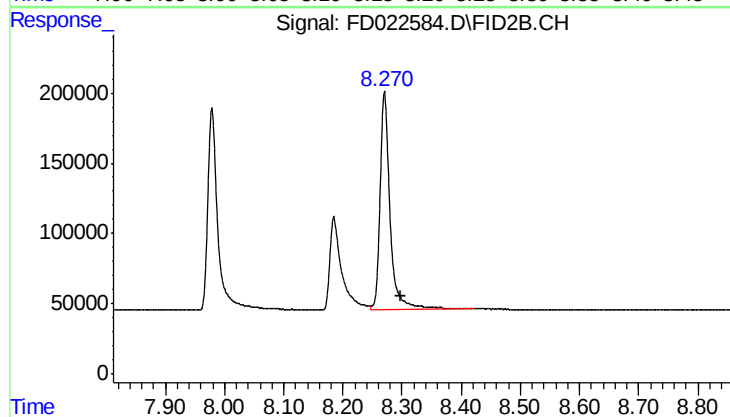
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: -0.030 min
Response: 1685346
Conc: 17.60 ug/ml



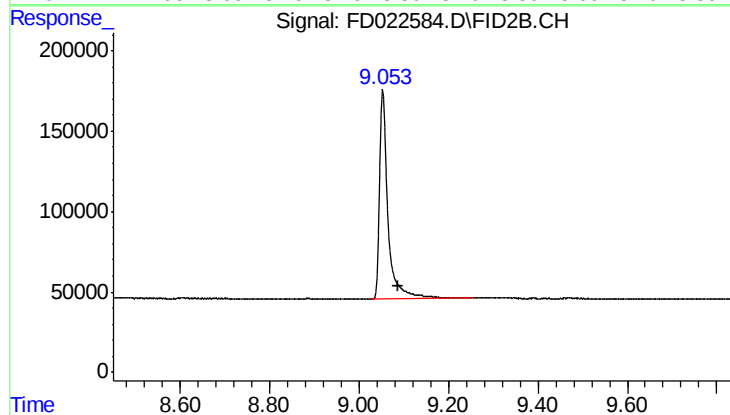
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.040 min
Response: 892914
Conc: 17.66 ug/ml



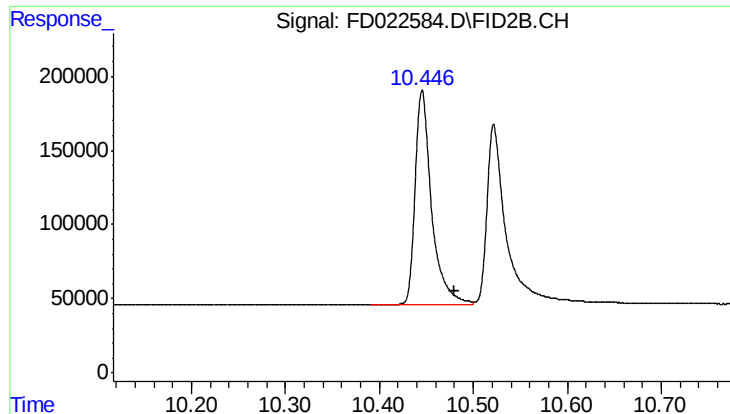
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.028 min
Response: 1801603
Conc: 17.59 ug/ml



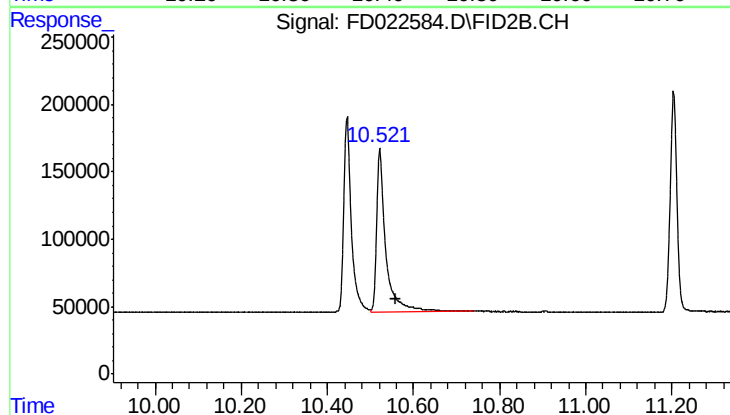
#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.034 min
Response: 1699907
Conc: 18.13 ug/ml



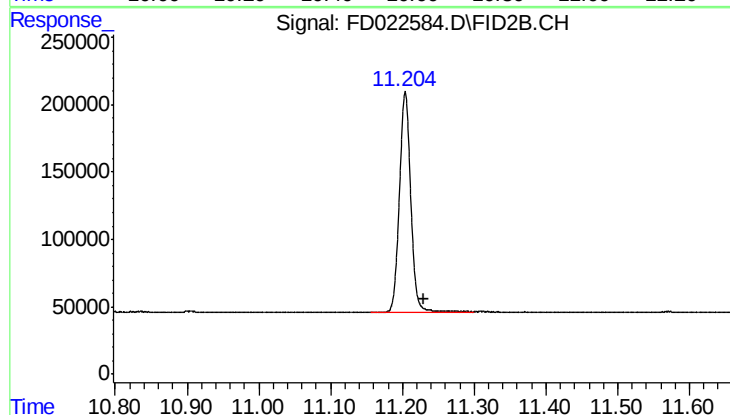
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.034 min
Response: 1758364
Conc: 18.87 ug/ml



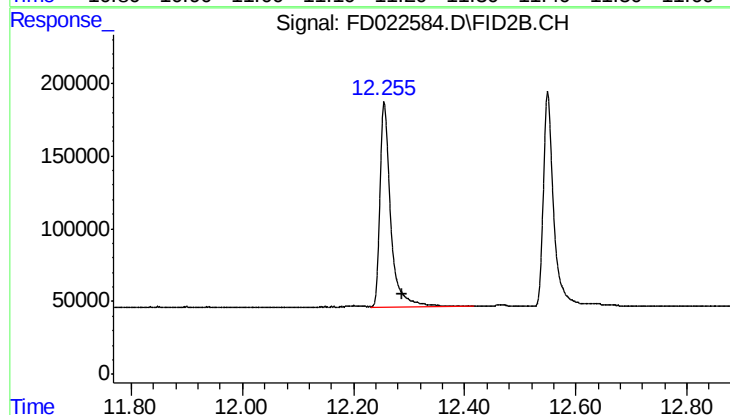
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.037 min
Response: 1784358
Conc: 18.82 ug/ml



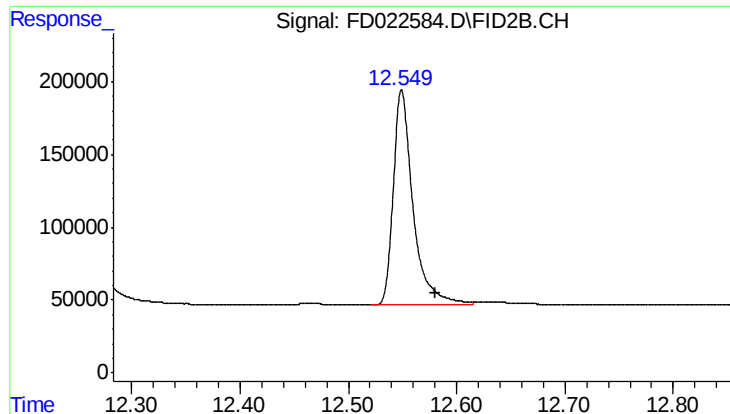
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.026 min
Response: 1771006
Conc: 18.66 ug/ml



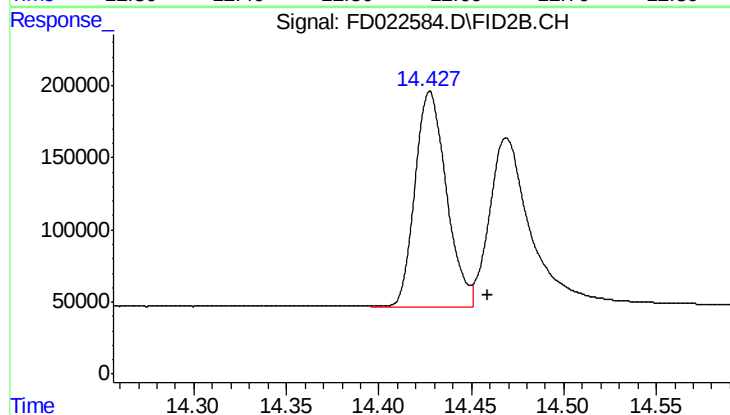
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.033 min
Response: 1877737
Conc: 18.72 ug/ml



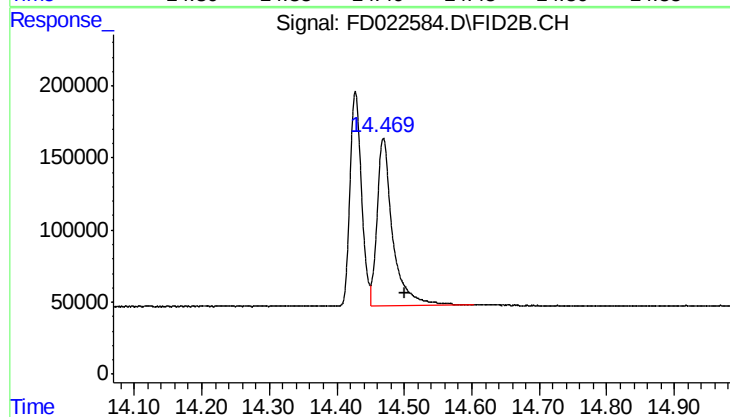
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.031 min
Response: 1878548
Conc: 18.49 ug/ml



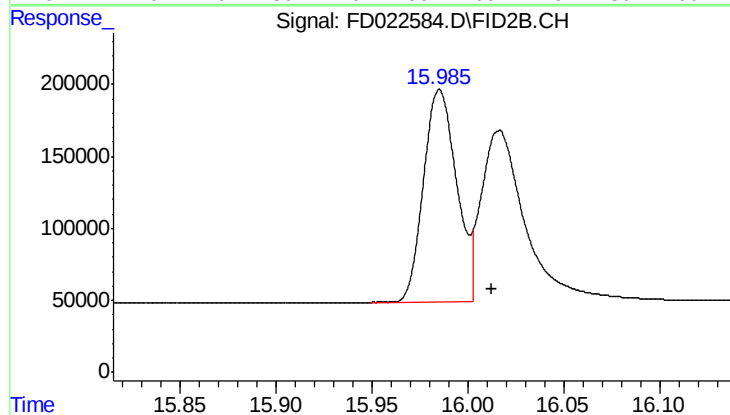
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.032 min
Response: 1788515
Conc: 18.55 ug/ml m



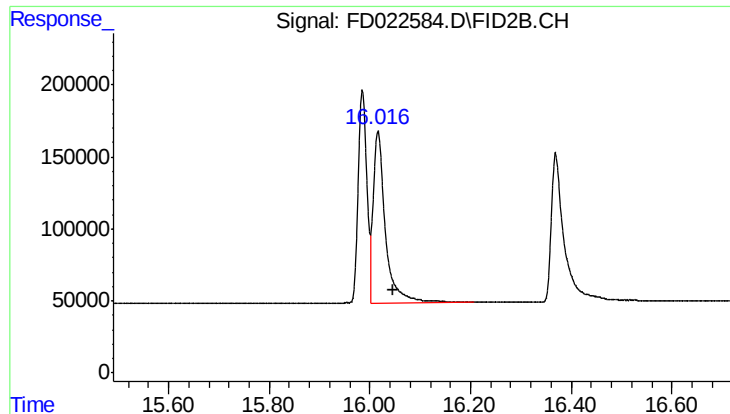
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.031 min
Response: 1870505
Conc: 17.33 ug/ml



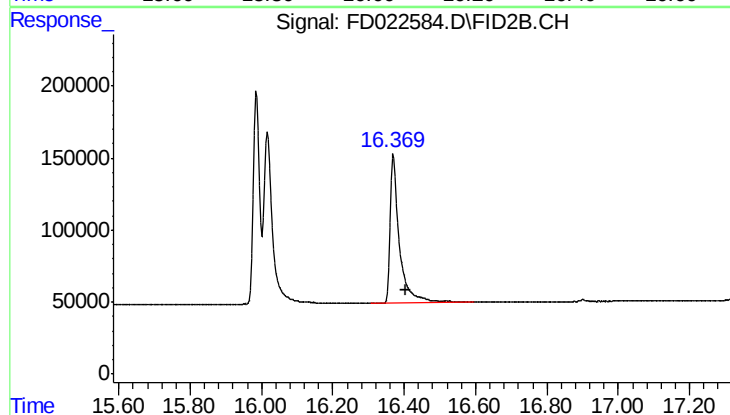
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.985 min
Delta R.T.: -0.027 min
Response: 1789240
Conc: 17.80 ug/ml m



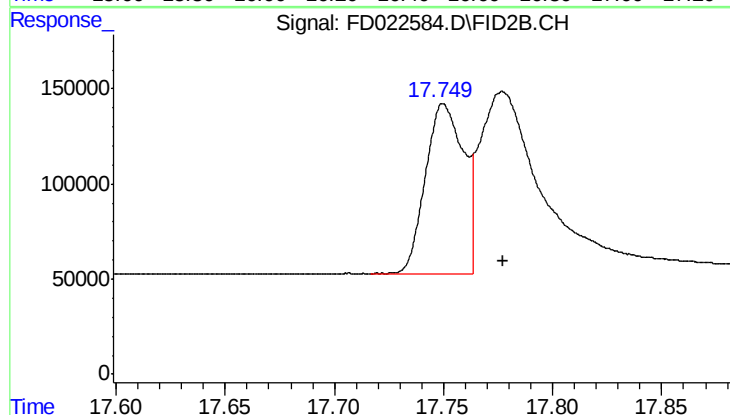
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min
Delta R.T.: -0.030 min
Response: 2022600
Conc: 17.82 ug/ml



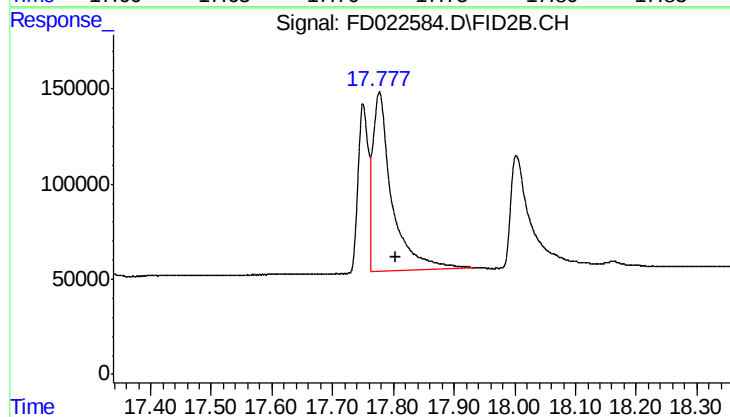
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.035 min
Response: 1854300
Conc: 17.64 ug/ml



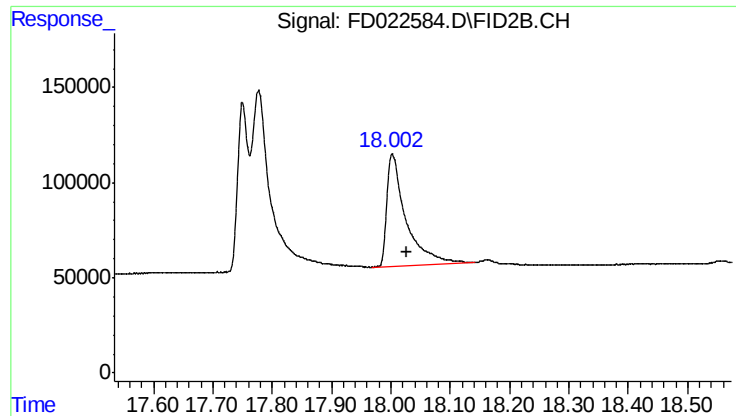
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.029 min
Response: 1106800
Conc: 11.62 ug/ml m



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

R.T.: 17.777 min
Delta R.T.: -0.028 min
Response: 2055819
Conc: 18.09 ug/ml



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

R.T.: 18.002 min
Delta R.T.: -0.025 min
Response: 1318674
Conc: 12.70 ug/ml