

Data Path : P:\HPCHEM1\FID D\Data\FD040918AR\
 Data File : FD022905.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2018 23:08
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 05:34:57 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.306	1875990	21.687 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
6) S 2-Fluorobiphenyl (SURR)	8.167	1170768	22.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.33%
11) S ortho-Terphenyl (SURR)	11.185	2304987	21.685 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.115	1899563	19.503 ug/ml
2) T Naphthalene (C11.7)	5.646	1963739	21.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.695	1969451	21.425 ug/ml
5) T Acenaphthylene (C15.06)	7.960	2199347	21.809 ug/ml
7) T Acenaphthene (C15.5)	8.252	2410098	21.931 ug/ml
8) T Fluorene (C16.55)	9.035	2236361	22.205 ug/ml
9) T Phenanthrene (C19.36)	10.427	2280760	21.672 ug/ml
10) T Anthracene (C19.43)	10.505	2312231	21.549 ug/ml
12) T Fluoranthene (C21.85)	12.236	2420953	21.358 ug/ml
13) T Pyrene (C20.8)	12.530	2400073	21.388 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.409	2176233	21.073 ug/mlm
15) T Chrysene (C27.41)	14.451	2461563	21.201 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.968	2048909	19.719 ug/mlm
17) T Bnezo[<i>k</i>]fluoranthene ...	15.998	2665622	21.992 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.354	2140583	20.102 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.736	1103371	16.478 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.760	2404343	19.784 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.988	1447632	17.555 ug/ml

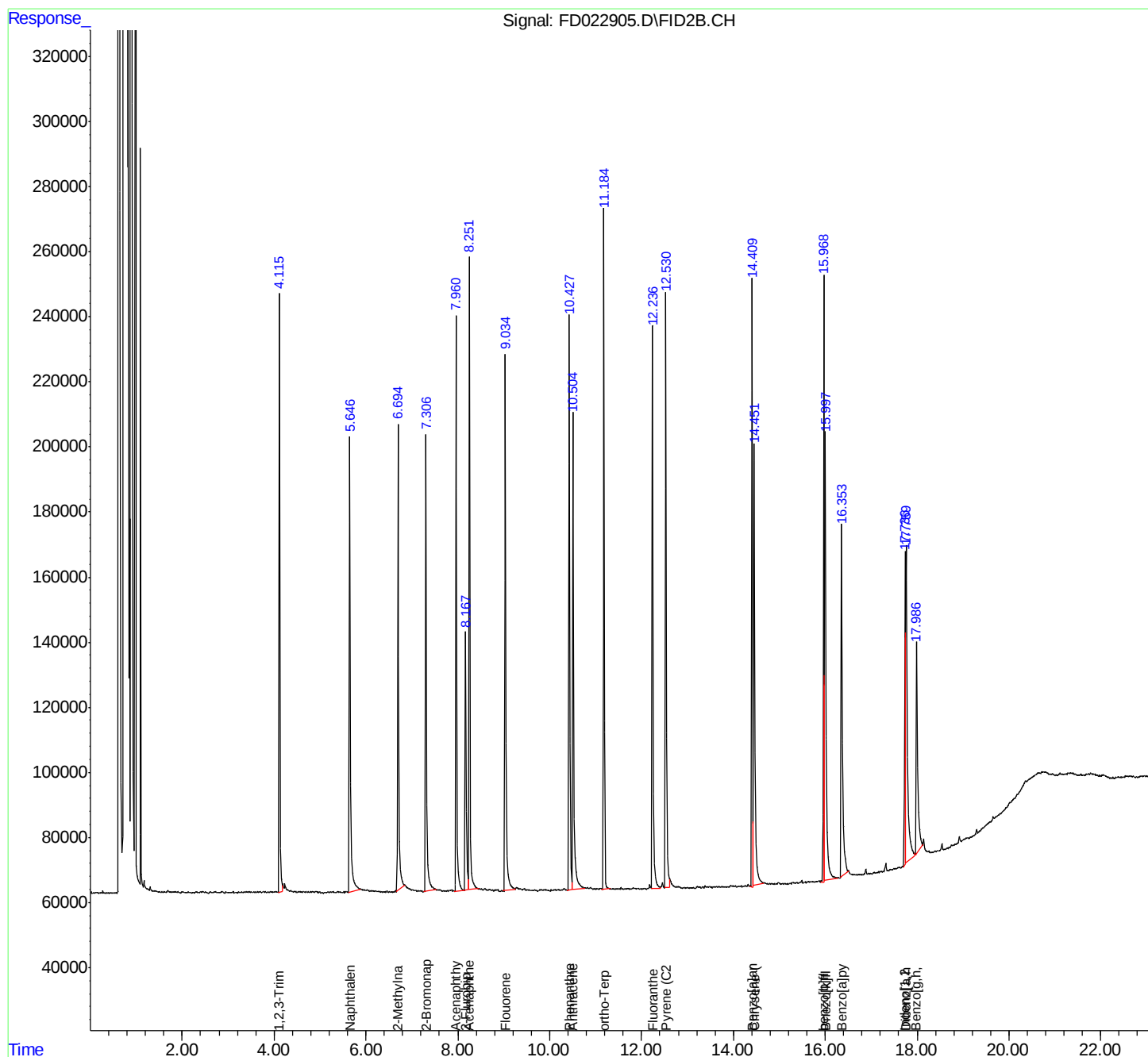
(f)=RT Delta > 1/2 Window

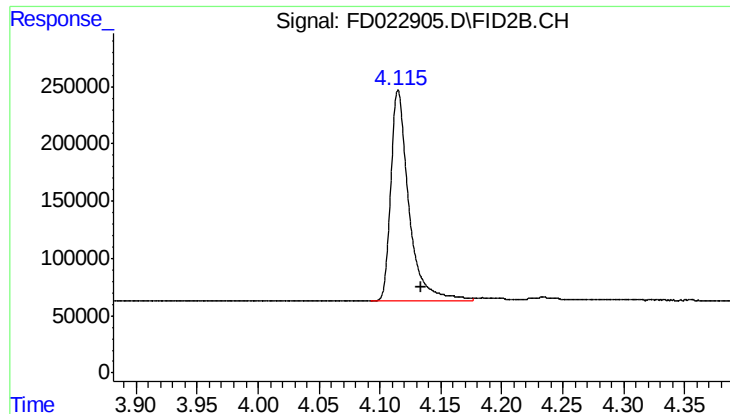
(m)=manual int.

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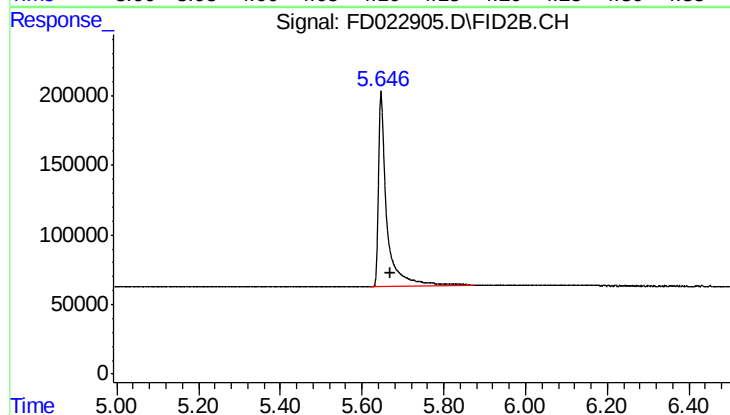
Volume Inj. : 1 µl
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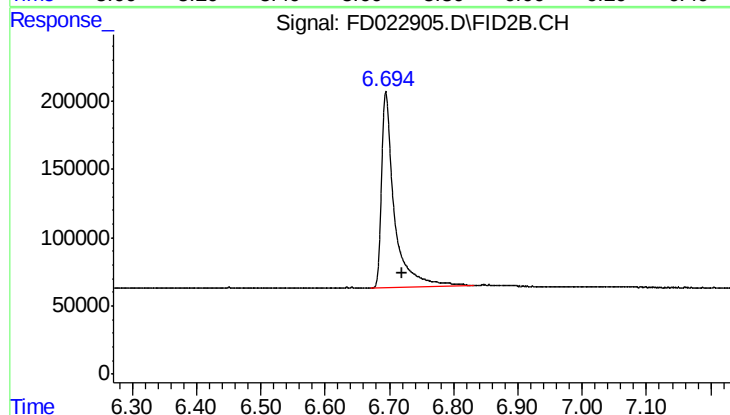
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.115 min
Delta R.T.: -0.019 min
Response: 1899563
Conc: 19.50 ug/ml



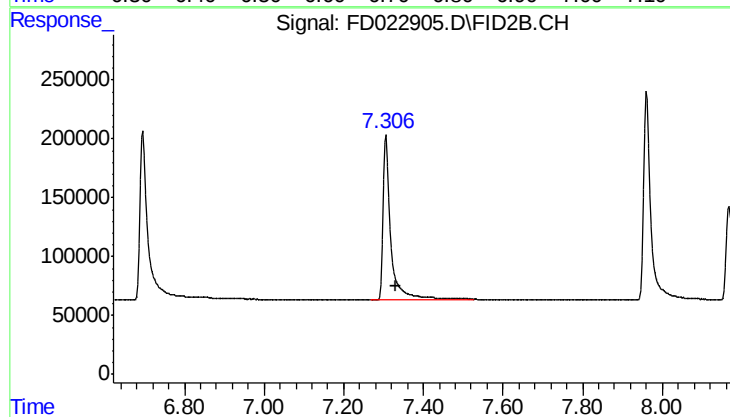
#2 Naphthalene (C11.7)

R.T.: 5.646 min
Delta R.T.: -0.024 min
Response: 1963739
Conc: 21.15 ug/ml



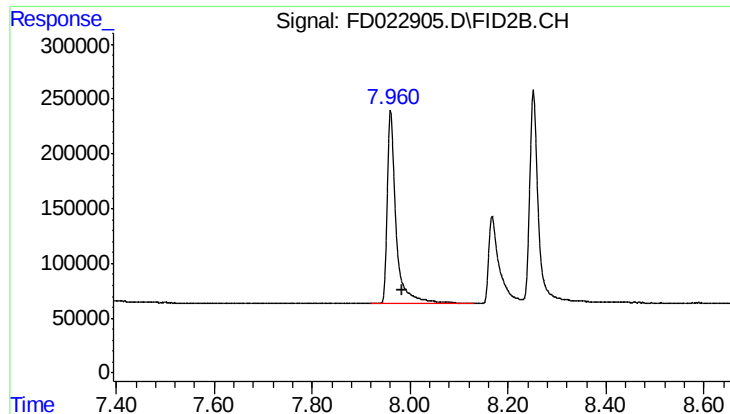
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.695 min
Delta R.T.: -0.025 min
Response: 1969451
Conc: 21.43 ug/ml



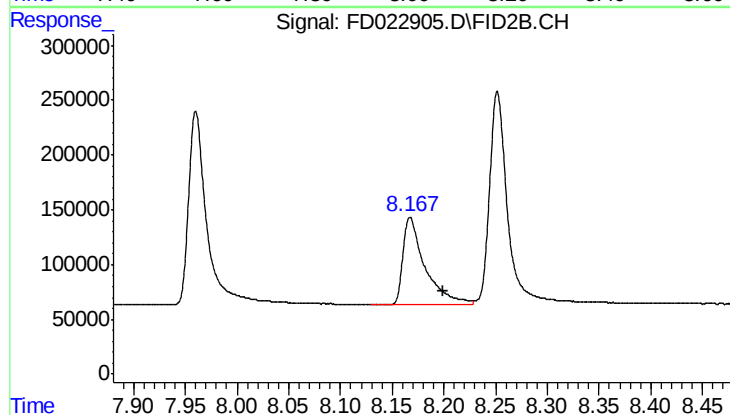
#4 2-Bromonaphthalene (SURR)

R.T.: 7.306 min
Delta R.T.: -0.024 min
Response: 1875990
Conc: 21.69 ug/ml



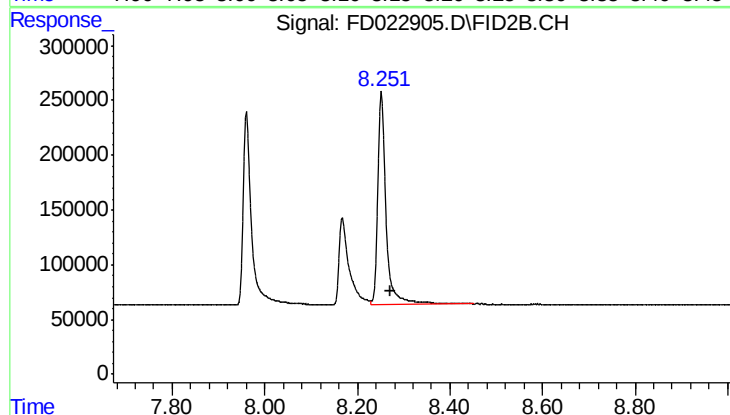
#5 Acenaphthylene (C15.06)

R.T.: 7.960 min
Delta R.T.: -0.022 min
Response: 2199347
Conc: 21.81 ug/ml



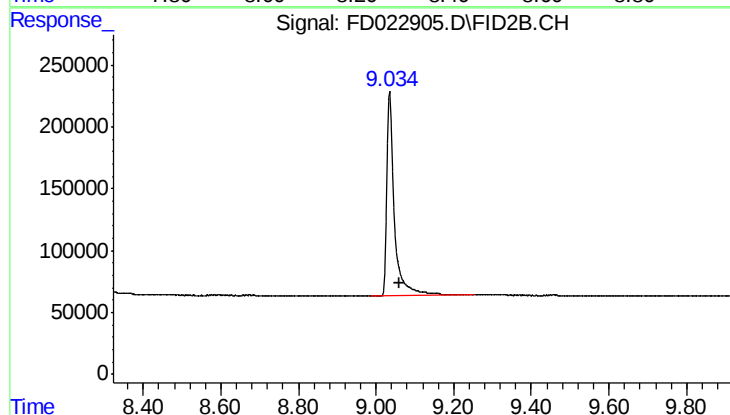
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.167 min
Delta R.T.: -0.032 min
Response: 1170768
Conc: 22.16 ug/ml



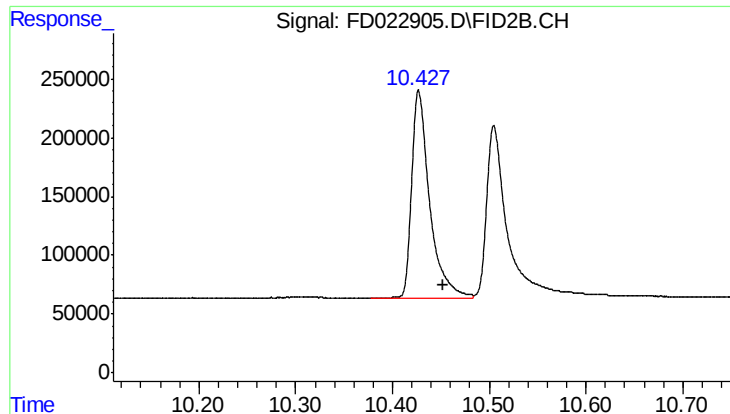
#7 Acenaphthene (C15.5)

R.T.: 8.252 min
Delta R.T.: -0.021 min
Response: 2410098
Conc: 21.93 ug/ml



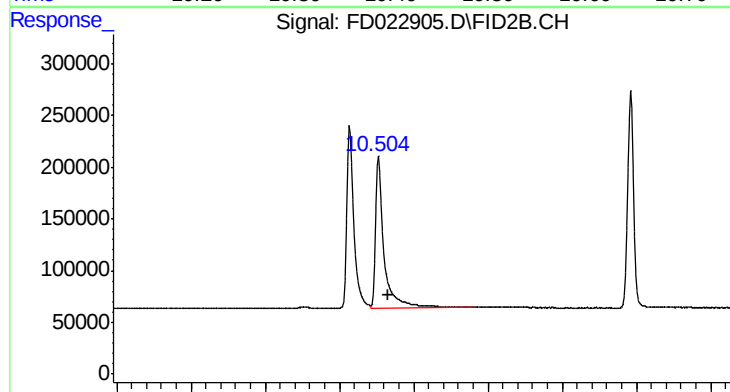
#8 Fluorene (C16.55)

R.T.: 9.035 min
Delta R.T.: -0.025 min
Response: 2236361
Conc: 22.21 ug/ml



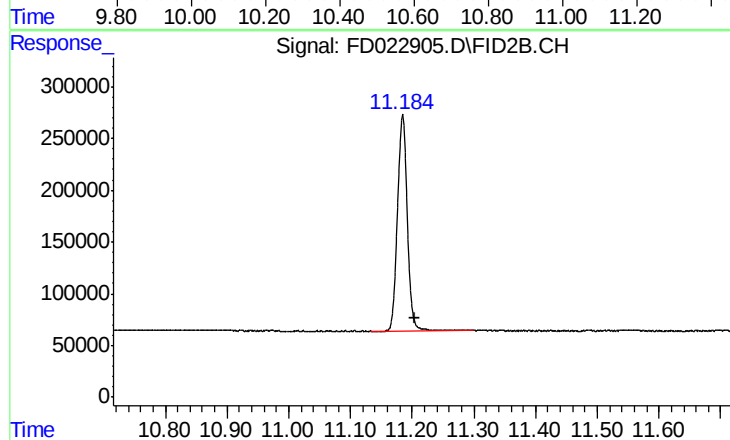
#9 Phenanthrene (C19.36)

R.T.: 10.427 min
Delta R.T.: -0.025 min
Response: 2280760
Conc: 21.67 ug/ml



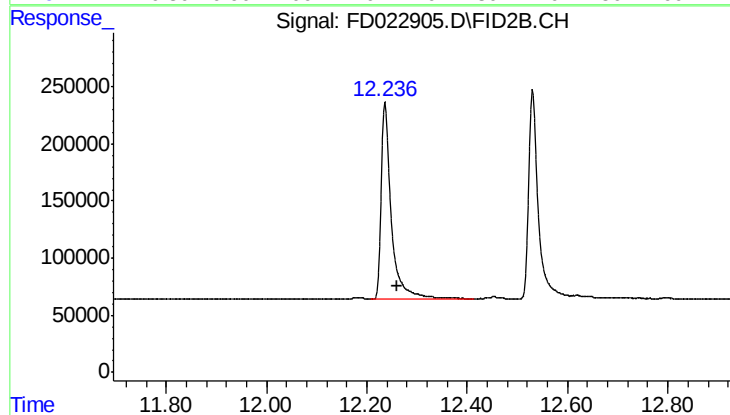
#10 Anthracene (C19.43)

R.T.: 10.505 min
Delta R.T.: -0.027 min
Response: 2312231
Conc: 21.55 ug/ml



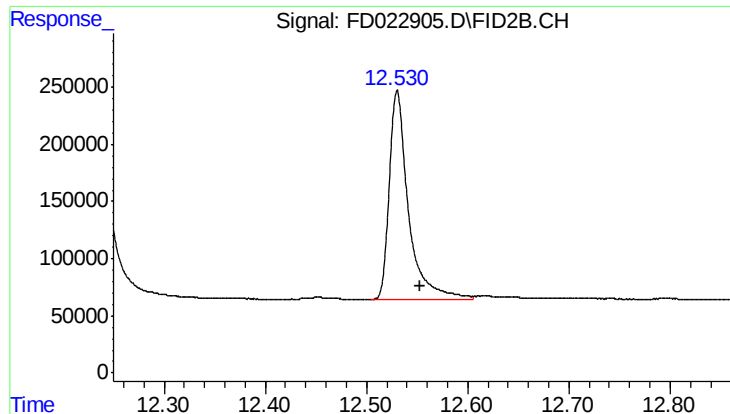
#11 ortho-Terphenyl (SURR)

R.T.: 11.185 min
Delta R.T.: -0.019 min
Response: 2304987
Conc: 21.69 ug/ml



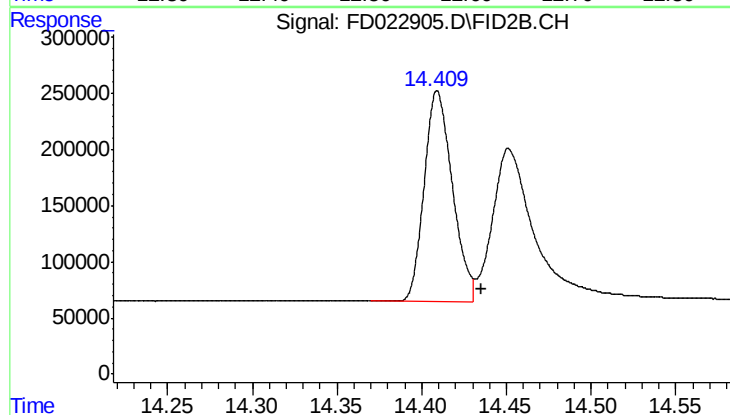
#12 Fluoranthene (C21.85)

R.T.: 12.236 min
Delta R.T.: -0.025 min
Response: 2420953
Conc: 21.36 ug/ml



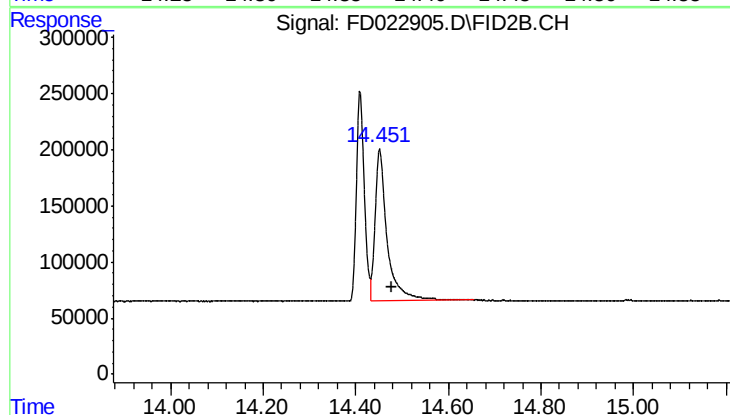
#13 Pyrene (C20.8)

R.T.: 12.530 min
Delta R.T.: -0.023 min
Response: 2400073
Conc: 21.39 ug/ml



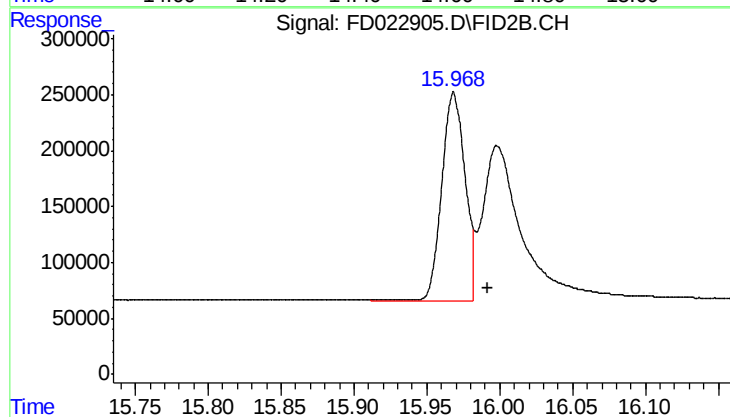
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.409 min
Delta R.T.: -0.026 min
Response: 2176233
Conc: 21.07 ug/ml m



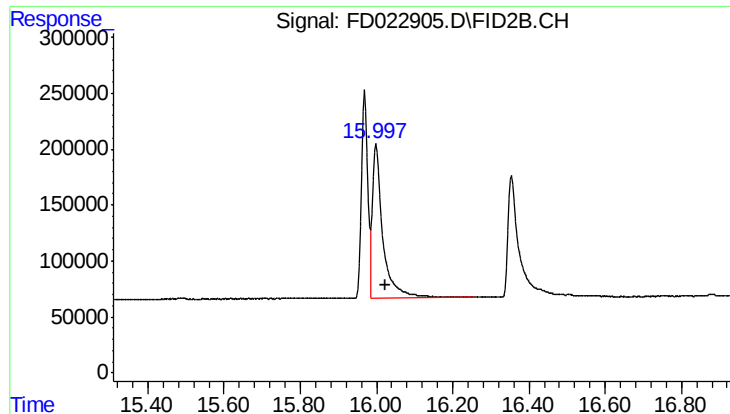
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.026 min
Response: 2461563
Conc: 21.20 ug/ml



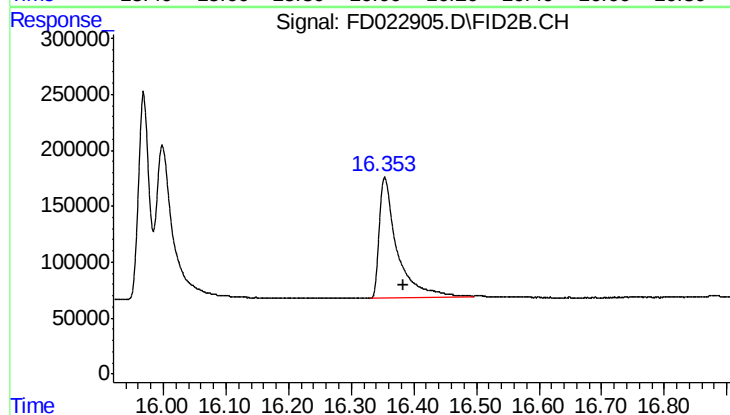
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.968 min
Delta R.T.: -0.024 min
Response: 2048909
Conc: 19.72 ug/ml m



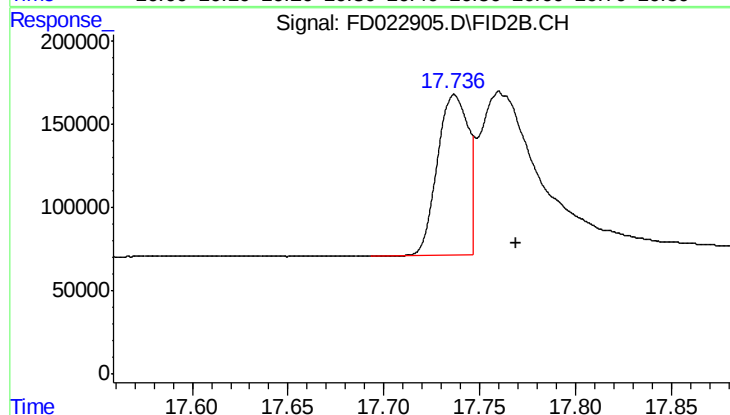
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.998 min
Delta R.T.: -0.025 min
Response: 2665622
Conc: 21.99 ug/ml



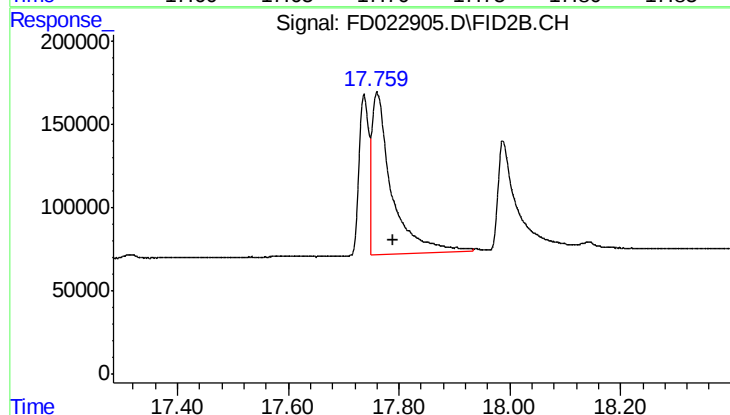
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.029 min
Response: 2140583
Conc: 20.10 ug/ml



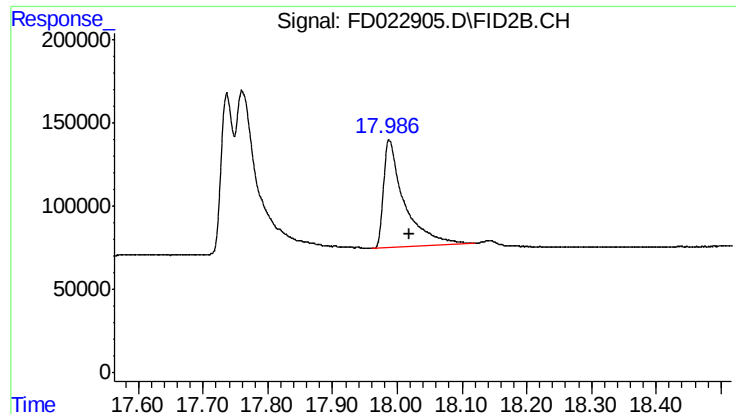
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: -0.033 min
Response: 1103371
Conc: 16.48 ug/ml m



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

R.T.: 17.760 min
Delta R.T.: -0.029 min
Response: 2404343
Conc: 19.78 ug/ml



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

R.T.: 17.988 min
Delta R.T.: -0.031 min
Response: 1447632
Conc: 17.56 ug/ml