

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022589.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 13:24
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 21 07:38:26 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...	7.323	1640960	19.587 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
6) S 2-Fluorobiphenyl (SURR)	8.184	1012489	20.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.05%
11) S ortho-Terphenyl (SURR)	11.205	1987206	20.940 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1828428	20.705 ug/ml
2) T Naphthalene (C11.7)	5.663	1799113	20.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	1741413	19.174 ug/ml
5) T Acenaphthylene (C15.06)	7.978	1881213	19.643 ug/ml
7) T Acenaphthene (C15.5)	8.270	1995903	19.484 ug/ml
8) T Fluorene (C16.55)	9.053	1908950	20.359 ug/ml
9) T Phenanthrene (C19.36)	10.445	1983435	21.288 ug/ml
10) T Anthracene (C19.43)	10.522	2000727	21.099 ug/ml
12) T Fluoranthene (C21.85)	12.255	2137664	21.312 ug/ml
13) T Pyrene (C20.8)	12.549	2114639	20.814 ug/ml
14) T Benzo[alanthracene (C...	14.428	1964958	20.377 ug/mlm
15) T Chrysene (C27.41)	14.469	2151705	19.936 ug/ml
16) T benzo[b]fluoranthene ...	15.984	1993325	19.828 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.015	2247582	19.807 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	2011179	19.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	1269609	13.326 ug/mlm
20) T Dibenz[a,h]anthracene...	17.777	2324568	20.456 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.001	1514583	14.582 ug/ml

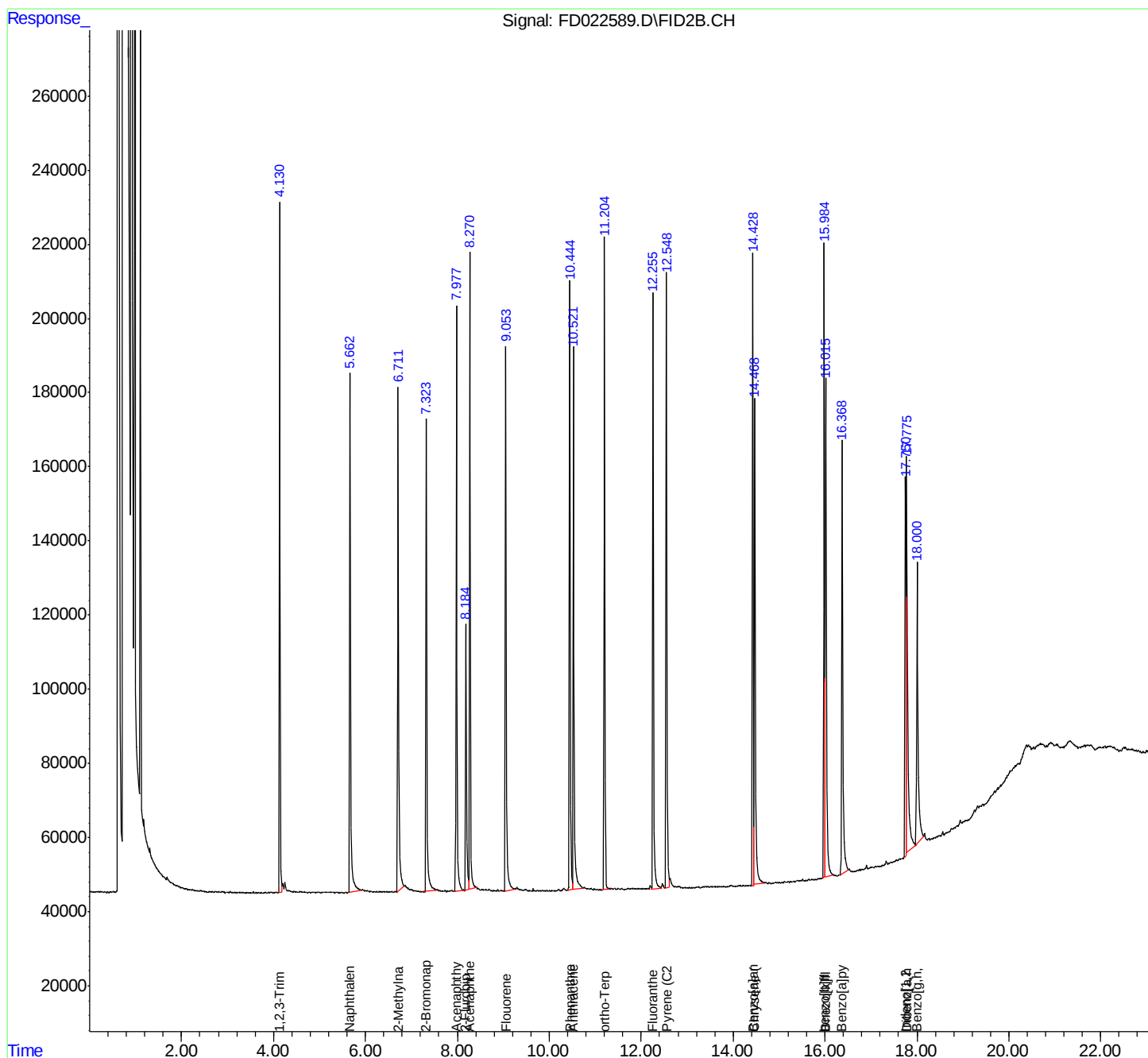
(f)=RT Delta > 1/2 Window

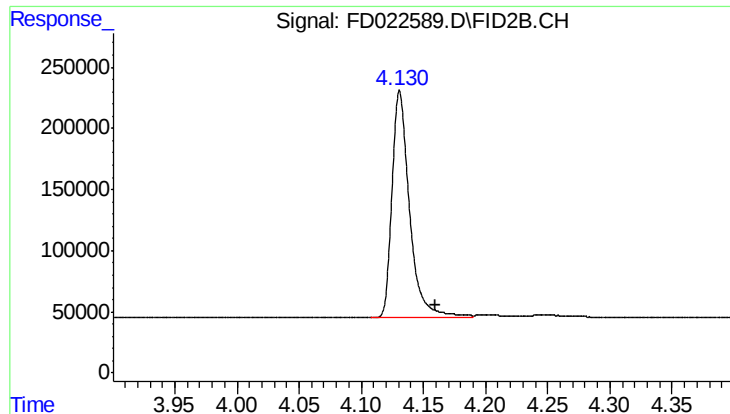
(m)=manual int.

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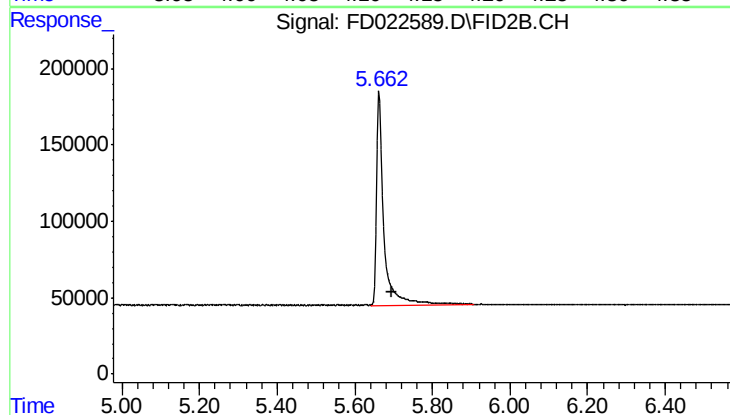
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





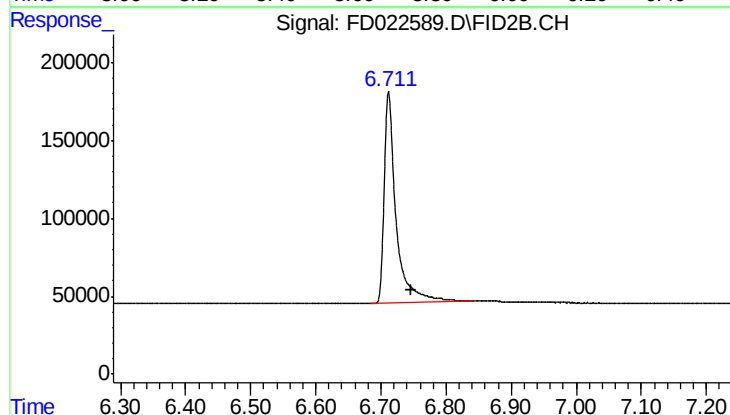
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.029 min
Response: 1828428
Conc: 20.70 ug/ml



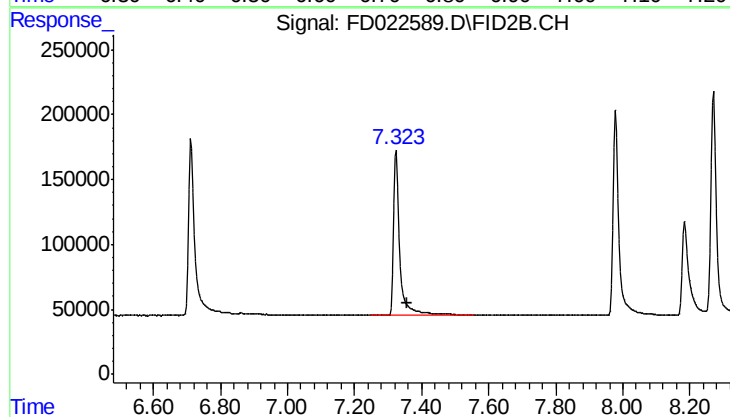
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.034 min
Response: 1799113
Conc: 20.11 ug/ml



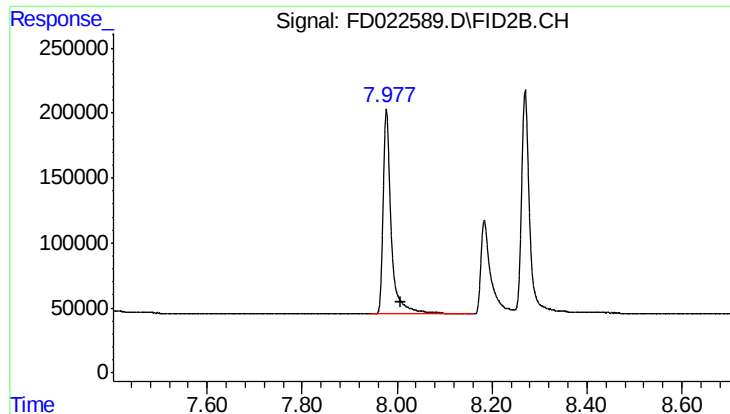
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: -0.034 min
Response: 1741413
Conc: 19.17 ug/ml



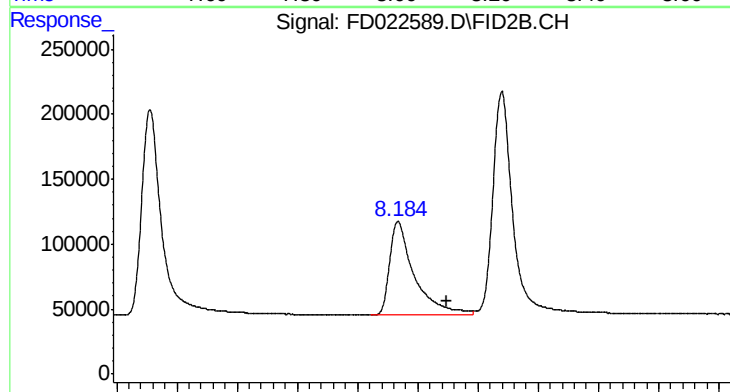
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min
Delta R.T.: -0.032 min
Response: 1640960
Conc: 19.59 ug/ml



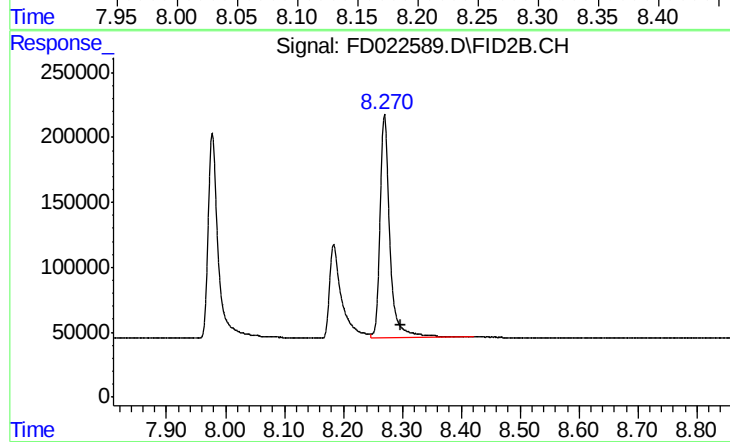
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.031 min
Response: 1881213
Conc: 19.64 ug/ml



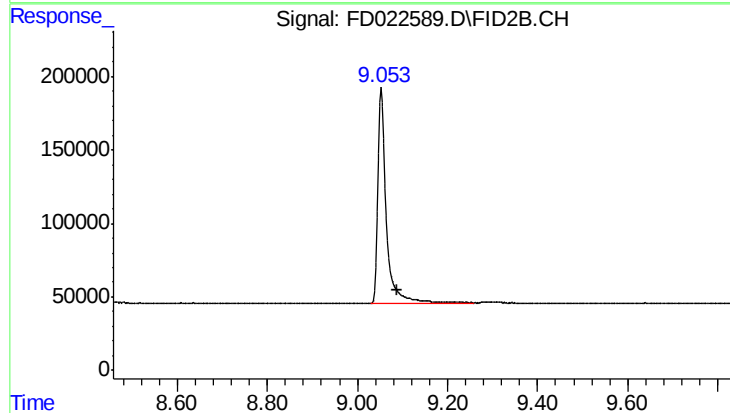
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.184 min
Delta R.T.: -0.041 min
Response: 1012489
Conc: 20.03 ug/ml



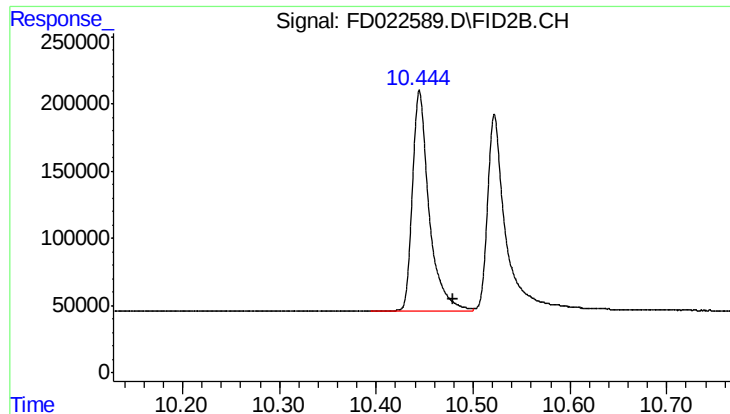
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.029 min
Response: 1995903
Conc: 19.48 ug/ml



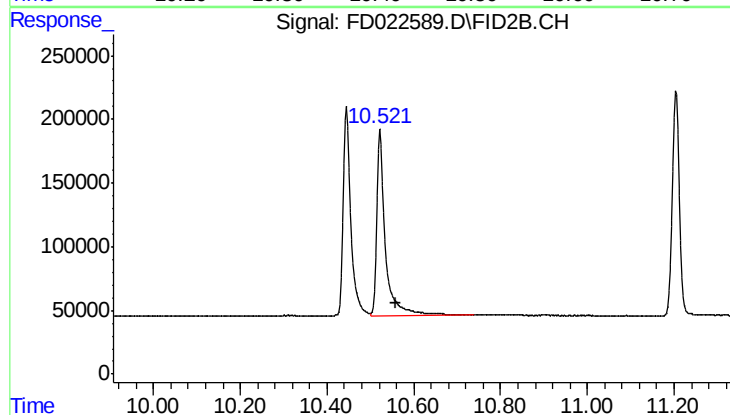
#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.034 min
Response: 1908950
Conc: 20.36 ug/ml



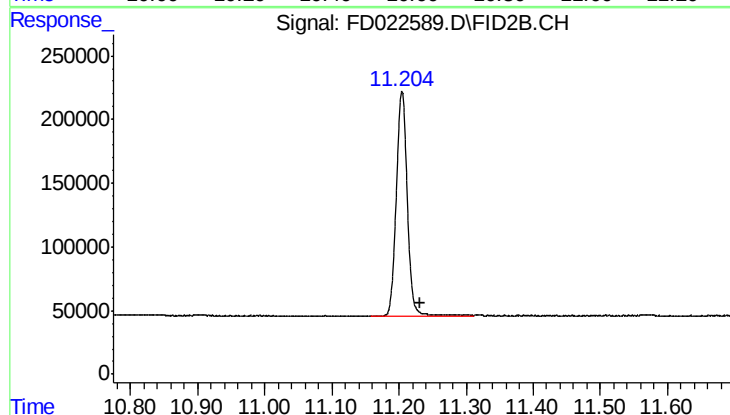
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.035 min
Response: 1983435
Conc: 21.29 ug/ml



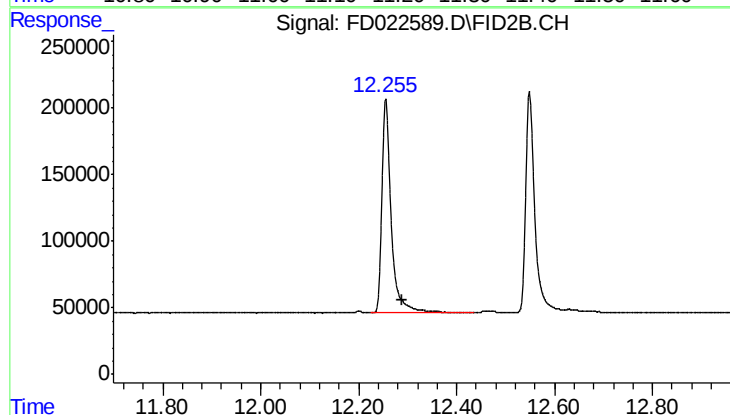
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.037 min
Response: 2000727
Conc: 21.10 ug/ml



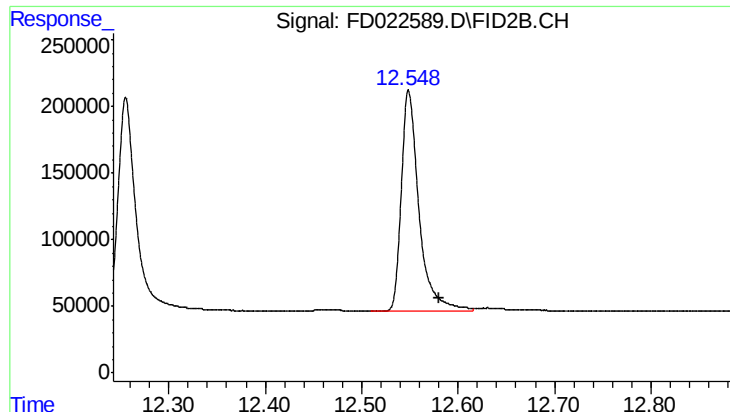
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.026 min
Response: 1987206
Conc: 20.94 ug/ml



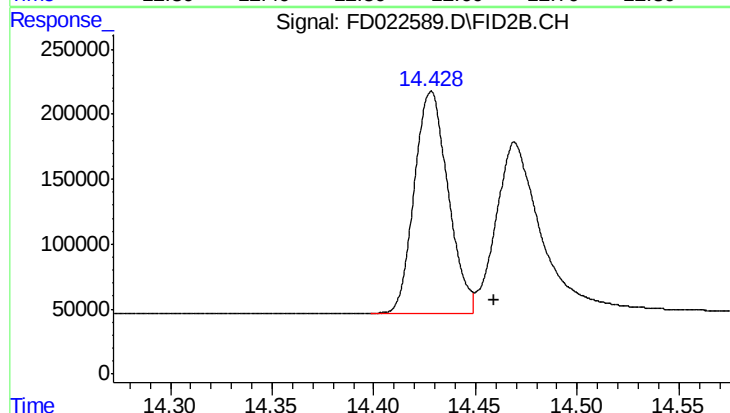
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.032 min
Response: 2137664
Conc: 21.31 ug/ml



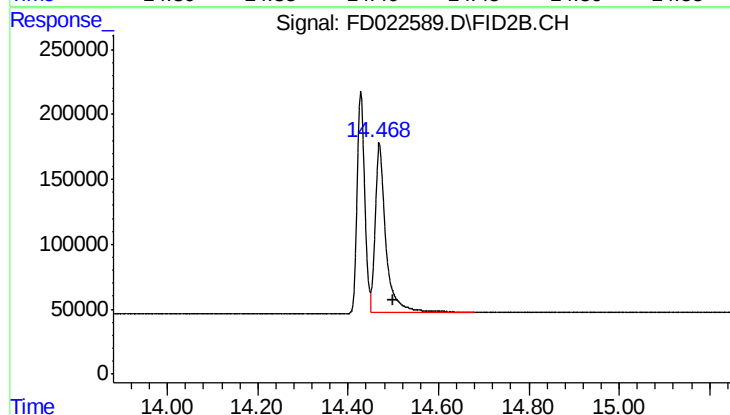
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.031 min
Response: 2114639
Conc: 20.81 ug/ml



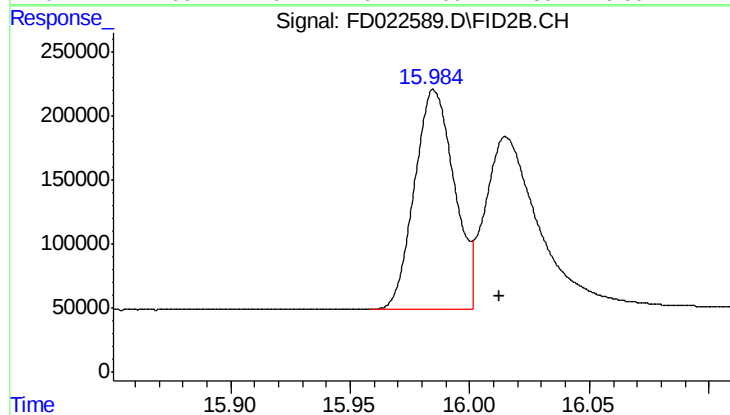
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.031 min
Response: 1964958
Conc: 20.38 ug/ml m



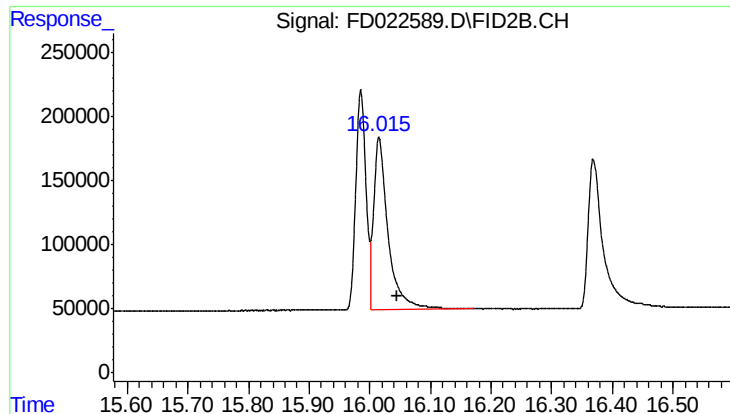
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.031 min
Response: 2151705
Conc: 19.94 ug/ml



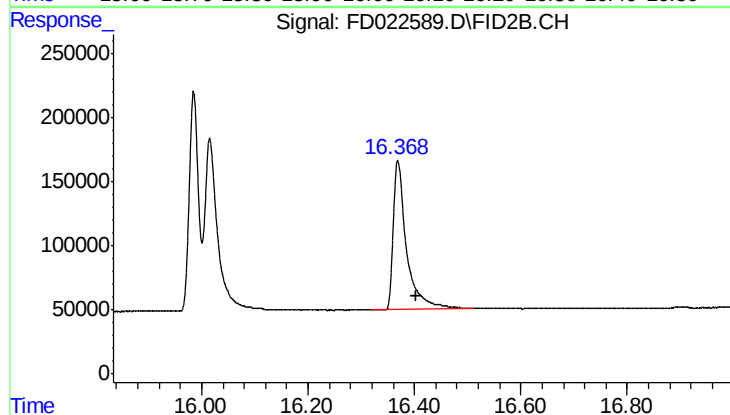
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.984 min
Delta R.T.: -0.028 min
Response: 1993325
Conc: 19.83 ug/ml m



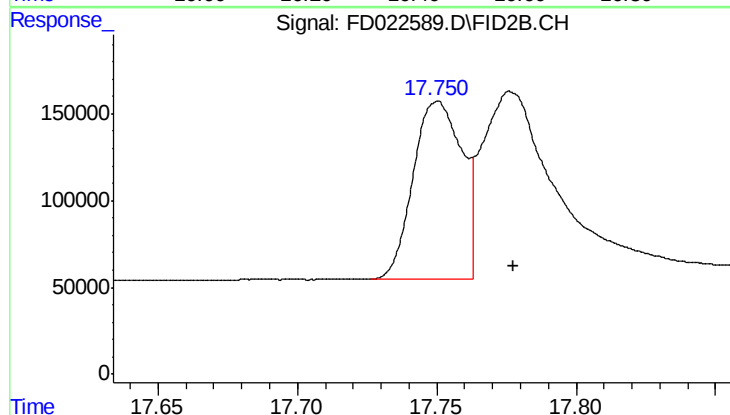
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.015 min
Delta R.T.: -0.030 min
Response: 2247582
Conc: 19.81 ug/ml



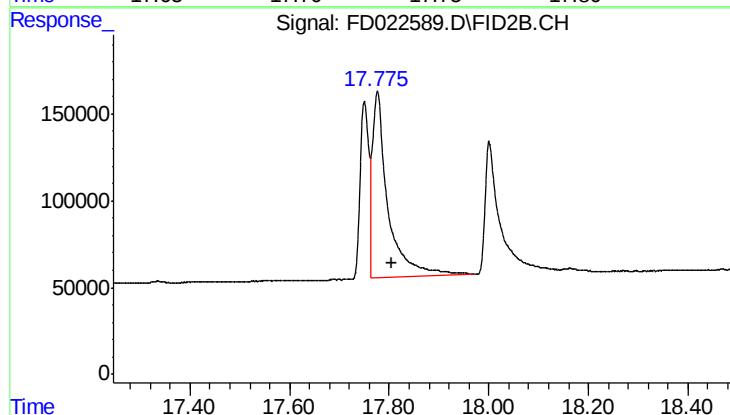
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.036 min
Response: 2011179
Conc: 19.14 ug/ml



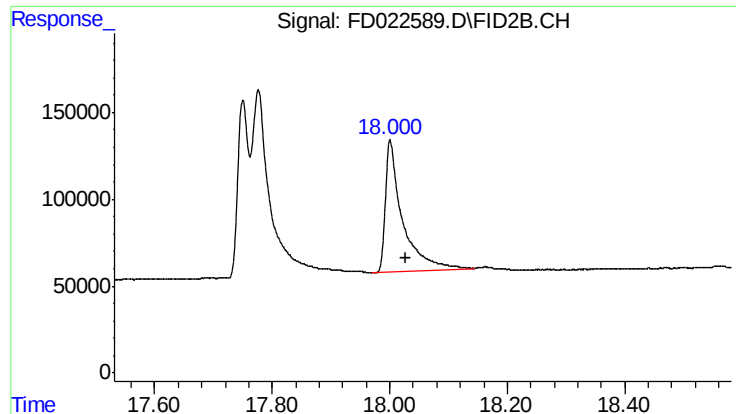
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.027 min
Response: 1269609
Conc: 13.33 ug/ml m



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

R.T.: 17.777 min
Delta R.T.: -0.028 min
Response: 2324568
Conc: 20.46 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.027 min
Response: 1514583
Conc: 14.58 ug/ml