

Data Path : P:\HPCHEM1\FID_D\Data\FD042118AR\
 Data File : FD023196.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2018 15:49
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 23 01:14:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.289	2454334	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
6) S 2-Fluorobiphenyl (SURR)	8.152	1349409	18.934 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.87%
11) S ortho-Terphenyl (SURR)	11.164	2613553	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.098	2654554	19.044 ug/ml
2) T Naphthalene (C11.7)	5.629	2603599	19.023 ug/ml
3) T 2-Methylnaphthalene (...)	6.678	2526744	18.510 ug/ml
5) T Acenaphthylene (C15.06)	7.942	2688796	18.396 ug/ml
7) T Acenaphthene (C15.5)	8.232	2983670	17.662 ug/ml
8) T Flouorene (C16.55)	9.018	2587437	18.069 ug/ml
9) T Phenanthrene (C19.36)	10.410	2542854	19.158 ug/ml
10) T Anthracene (C19.43)	10.489	2551954	18.239 ug/ml
12) T Fluoranthene (C21.85)	12.219	2704255	19.688 ug/ml
13) T Pyrene (C20.8)	12.511	2766584	19.599 ug/ml
14) T Benzo[a]anthracene (C...	14.390	2749311	22.130 ug/mlm
15) T Chrysene (C27.41)	14.434	3032486	19.587 ug/ml
16) T benzo[b]fluoranthene ...	15.946	2777432	20.604 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.979	3234650	19.603 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.334	2895608	20.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.712	2570879	19.811 ug/mlm
20) T Dibenz[a,h]anthracene...	17.737	3408064	20.488 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	2900228	19.568 ug/ml

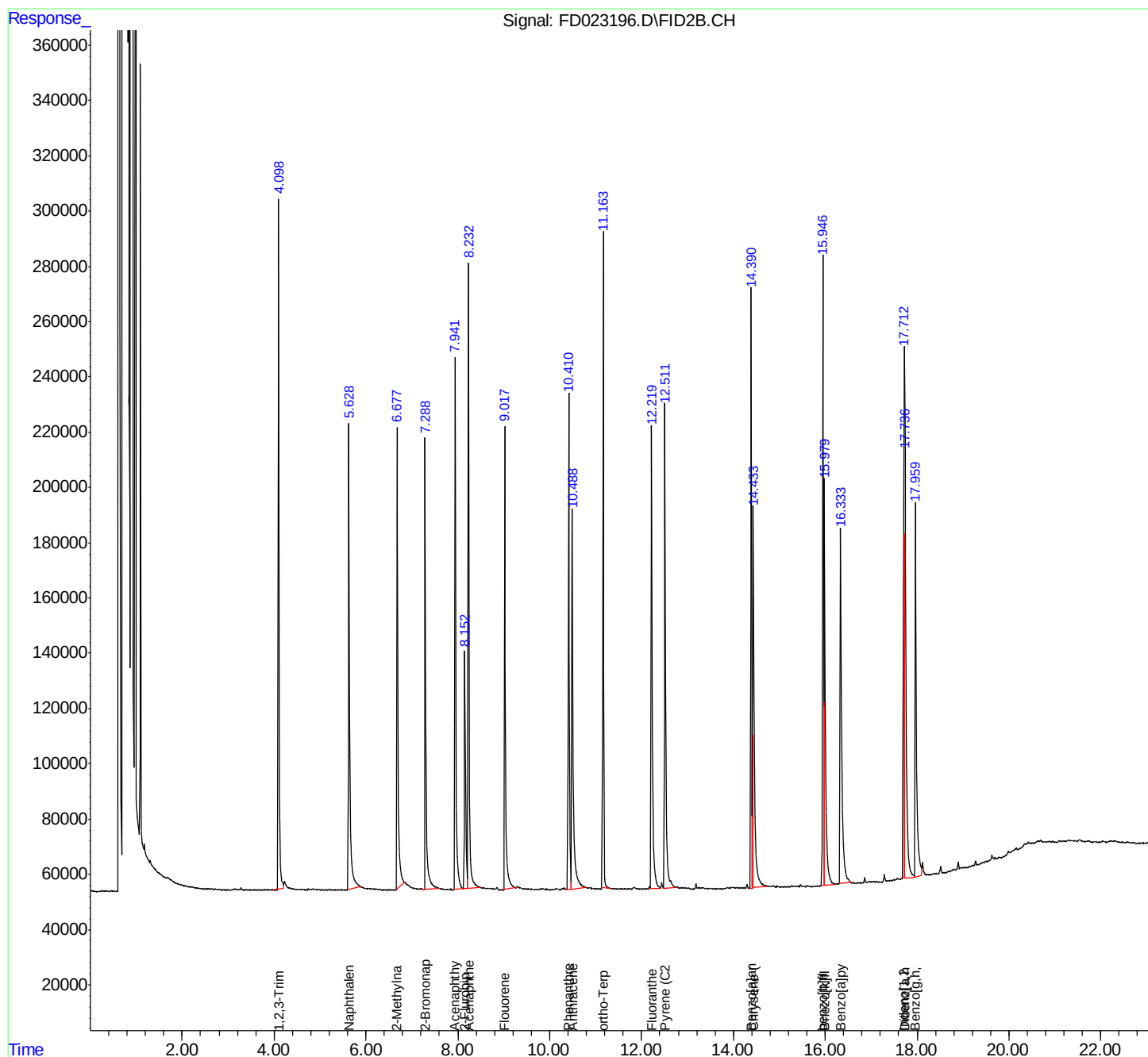
(f)=RT Delta > 1/2 Window

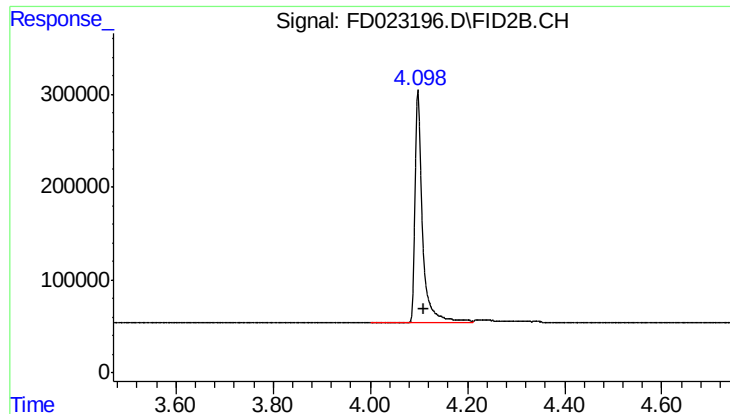
(m)=manual int.

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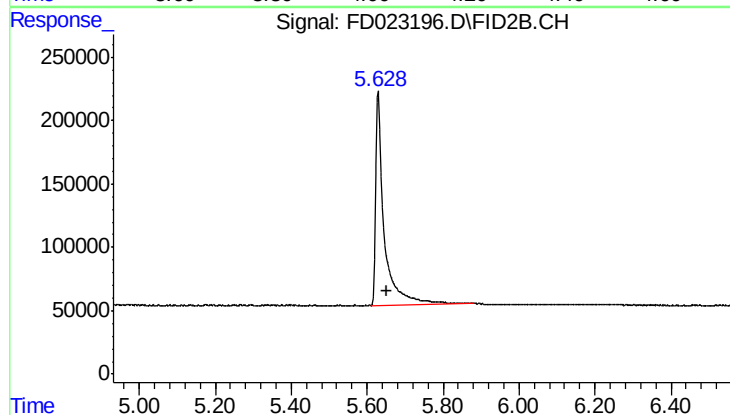
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Signal Info : 20M x 0.18mm x 0.18µm





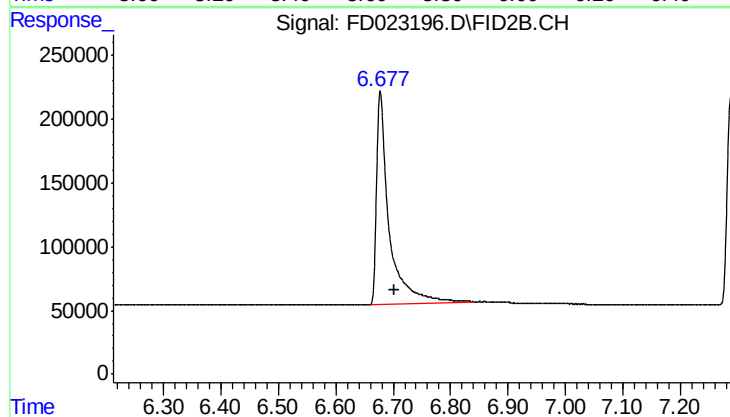
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.098 min
Delta R.T.: -0.013 min
Response: 2654554
Conc: 19.04 ug/ml



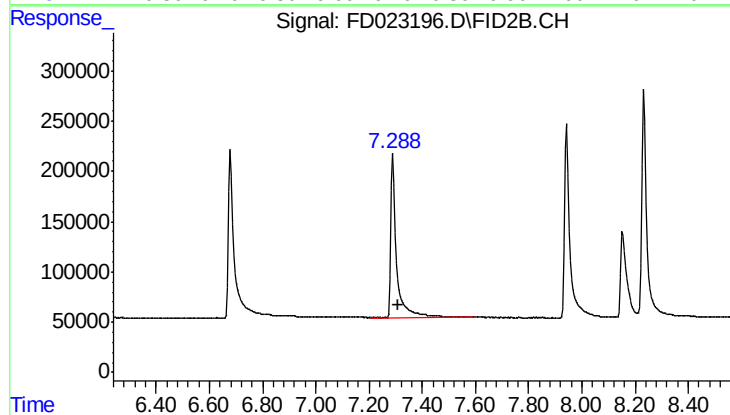
#2 Naphthalene (C11.7)

R.T.: 5.629 min
Delta R.T.: -0.024 min
Response: 2603599
Conc: 19.02 ug/ml



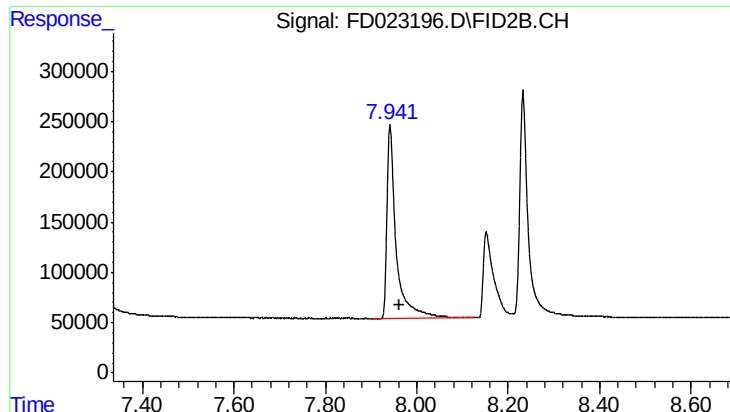
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.678 min
Delta R.T.: -0.024 min
Response: 2526744
Conc: 18.51 ug/ml



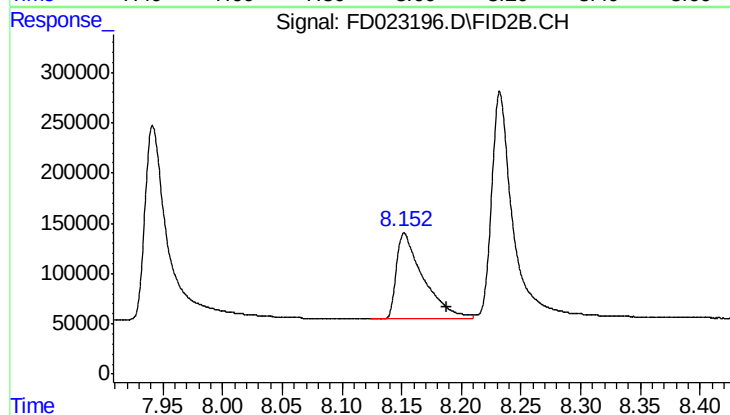
#4 2-Bromonaphthalene (SURR)

R.T.: 7.289 min
Delta R.T.: -0.021 min
Response: 2454334
Conc: 18.10 ug/ml



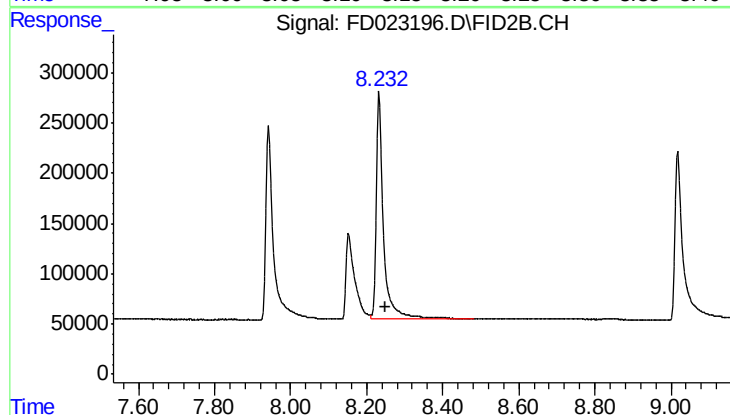
#5 Acenaphthylene (C15.06)

R.T.: 7.942 min
Delta R.T.: -0.021 min
Response: 2688796
Conc: 18.40 ug/ml



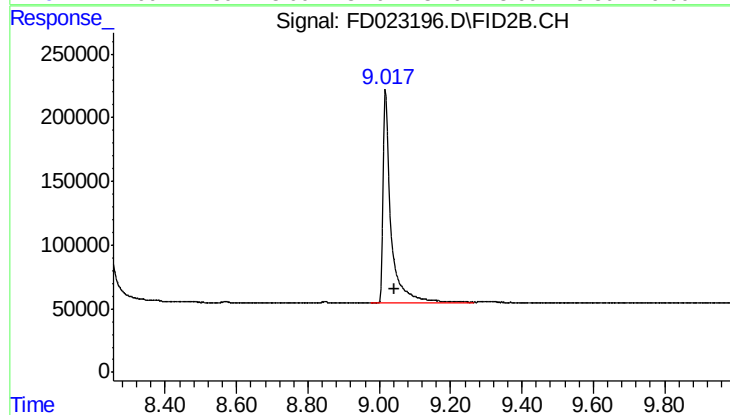
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.152 min
Delta R.T.: -0.036 min
Response: 1349409
Conc: 18.93 ug/ml



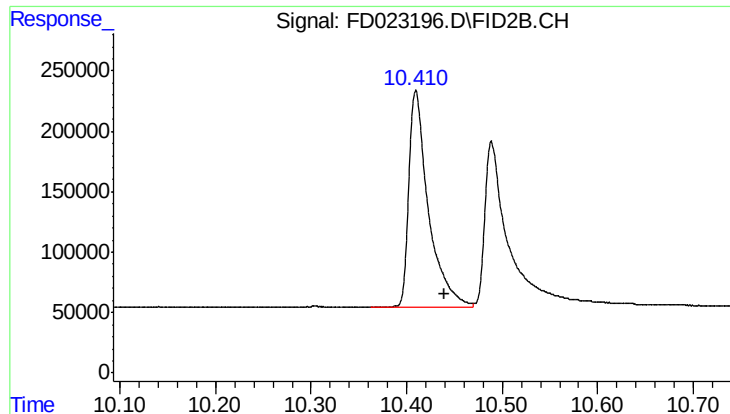
#7 Acenaphthene (C15.5)

R.T.: 8.232 min
Delta R.T.: -0.016 min
Response: 2983670
Conc: 17.66 ug/ml



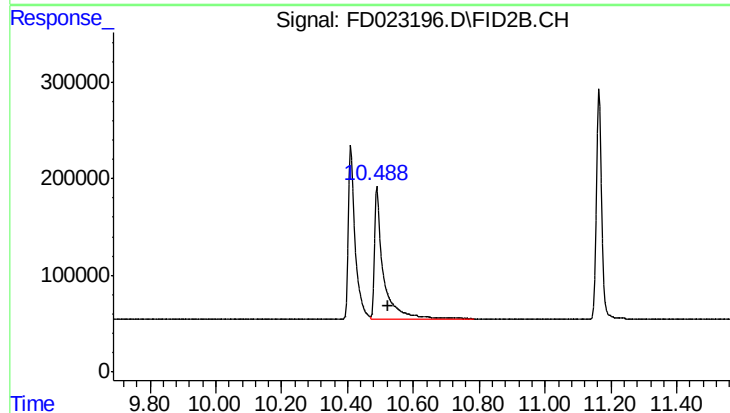
#8 Fluorene (C16.55)

R.T.: 9.018 min
Delta R.T.: -0.026 min
Response: 2587437
Conc: 18.07 ug/ml



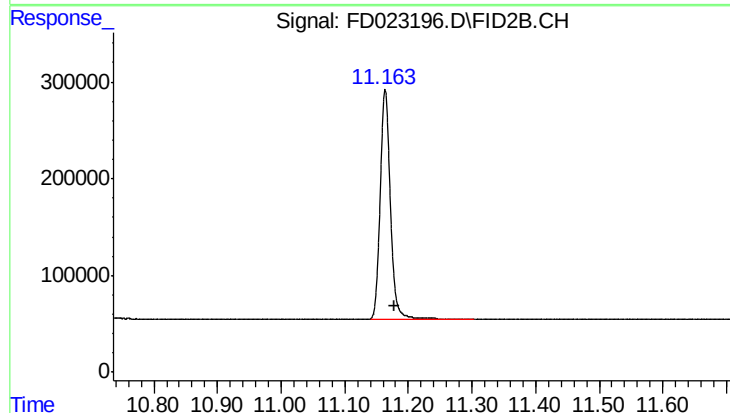
#9 Phenanthrene (C19.36)

R.T.: 10.410 min
Delta R.T.: -0.029 min
Response: 2542854
Conc: 19.16 ug/ml



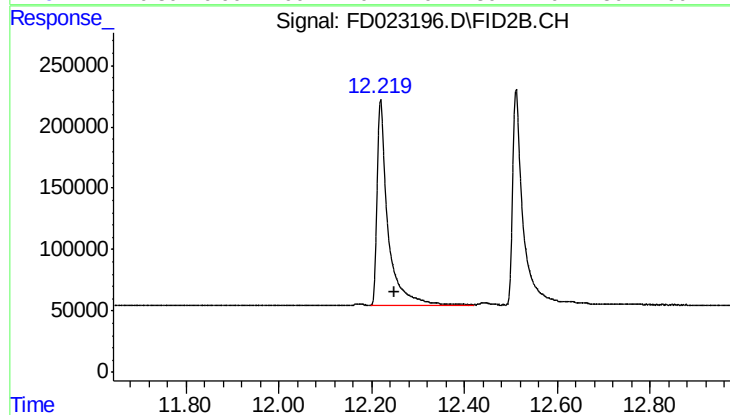
#10 Anthracene (C19.43)

R.T.: 10.489 min
Delta R.T.: -0.034 min
Response: 2551954
Conc: 18.24 ug/ml



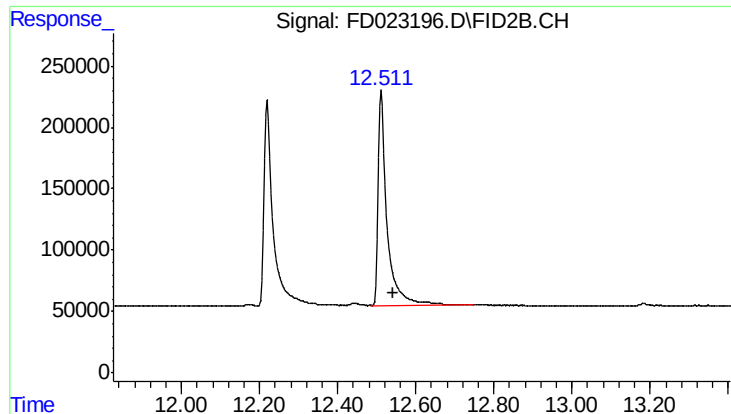
#11 ortho-Terphenyl (SURR)

R.T.: 11.164 min
Delta R.T.: -0.014 min
Response: 2613553
Conc: 18.69 ug/ml



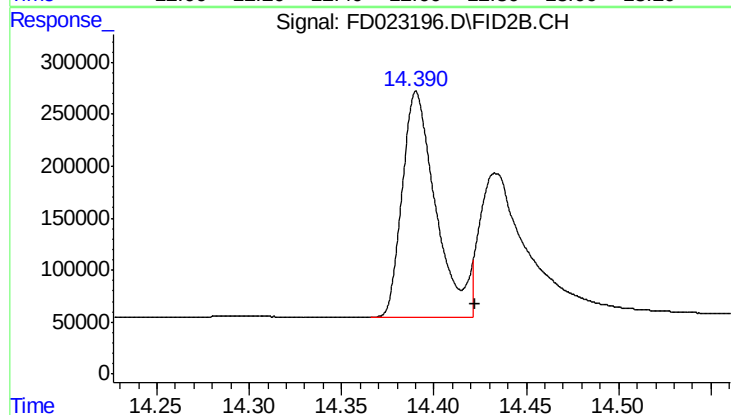
#12 Fluoranthene (C21.85)

R.T.: 12.219 min
Delta R.T.: -0.030 min
Response: 2704255
Conc: 19.69 ug/ml



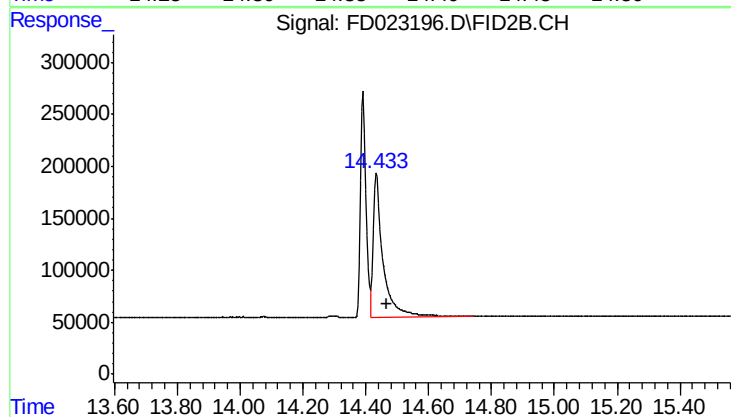
#13 Pyrene (C20.8)

R.T.: 12.511 min
Delta R.T.: -0.030 min
Response: 2766584
Conc: 19.60 ug/ml



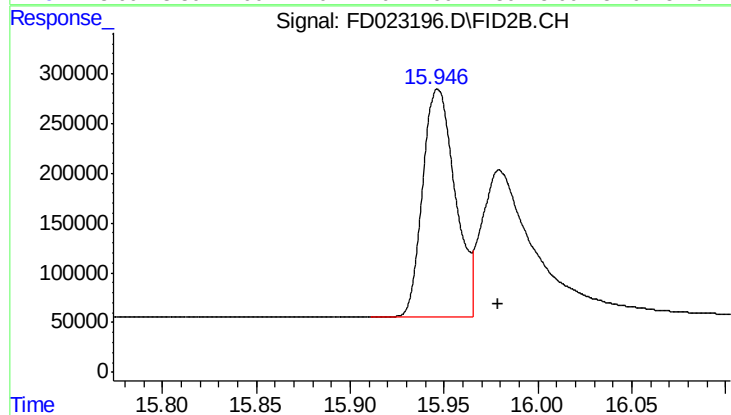
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.390 min
Delta R.T.: -0.032 min
Response: 2749311
Conc: 22.13 ug/ml m



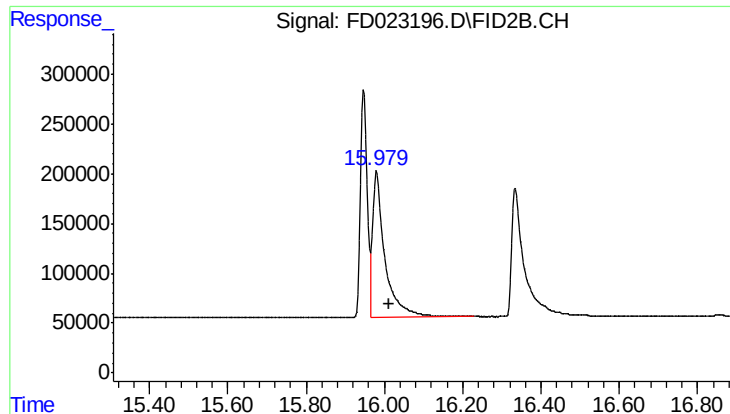
#15 Chrysene (C27.41)

R.T.: 14.434 min
Delta R.T.: -0.033 min
Response: 3032486
Conc: 19.59 ug/ml



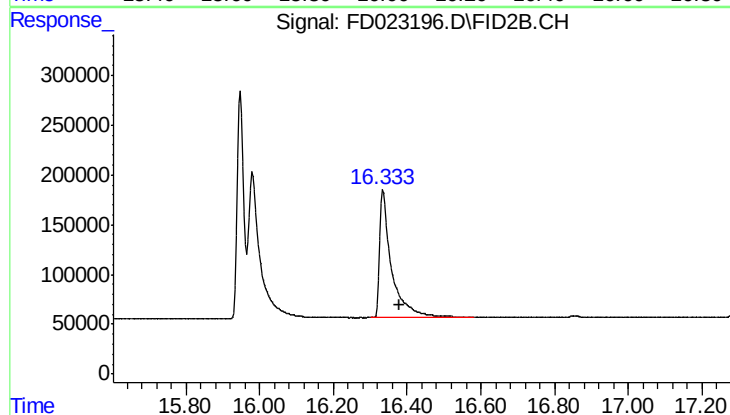
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.946 min
Delta R.T.: -0.032 min
Response: 2777432
Conc: 20.60 ug/ml m



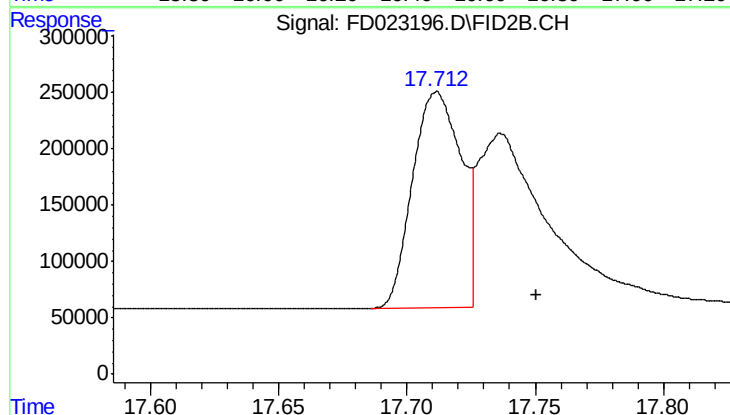
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.979 min
Delta R.T.: -0.034 min
Response: 3234650
Conc: 19.60 ug/ml



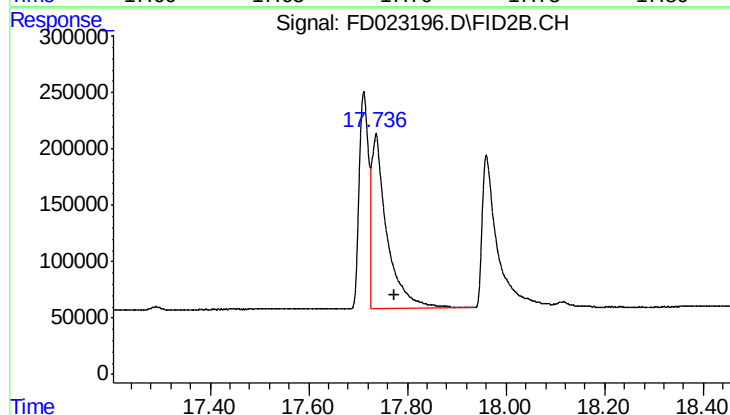
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.334 min
Delta R.T.: -0.045 min
Response: 2895608
Conc: 20.09 ug/ml



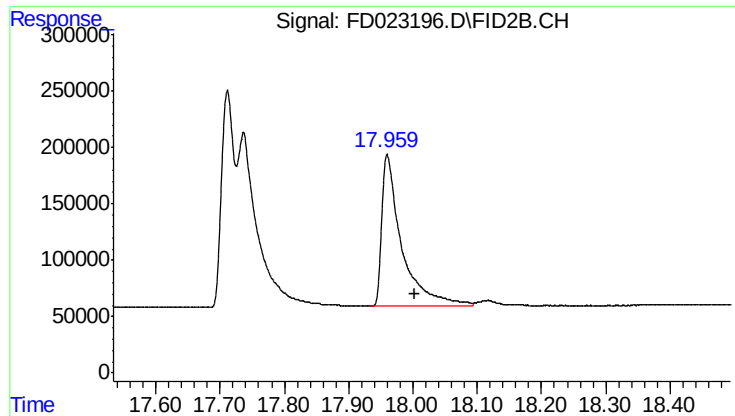
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min
Delta R.T.: -0.039 min
Response: 2570879
Conc: 19.81 ug/ml m



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

R.T.: 17.737 min
Delta R.T.: -0.036 min
Response: 3408064
Conc: 20.49 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.043 min
Response: 2900228
Conc: 19.57 ug/ml