

Data Path : P:\HPCHEM1\FID_D\Data\FD041918AR\
 Data File : FD023117.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2018 11:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 14:16:41 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...	7.293	2231547	16.455 ug/ml
Spiked Amount 50.000		Recovery =	32.91%
6) S 2-Fluorobiphenyl (SURR)	8.157	1241952	17.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.85%
11) S ortho-Terphenyl (SURR)	11.171	2344299	16.768 ug/ml
Spiked Amount 50.000		Recovery =	33.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.101	2385452	17.113 ug/ml
2) T Naphthalene (C11.7)	5.632	2390493	17.466 ug/ml
3) T 2-Methylnaphthalene (...)	6.683	2328086	17.055 ug/ml
5) T Acenaphthylene (C15.06)	7.947	2440441	16.697 ug/ml
7) T Acenaphthene (C15.5)	8.238	2683649	15.886 ug/ml
8) T Flouorene (C16.55)	9.022	2343308	16.364 ug/ml
9) T Phenanthrene (C19.36)	10.416	2251313	16.962 ug/ml
10) T Anthracene (C19.43)	10.495	2282609	16.314 ug/ml
12) T Fluoranthene (C21.85)	12.226	2365652	17.223 ug/ml
13) T Pyrene (C20.8)	12.519	2352576	16.666 ug/ml
14) T Benzo[a]anthracene (C...	14.399	2310234	18.596 ug/mlm
15) T Chrysene (C27.41)	14.441	2606201	16.834 ug/ml
16) T benzo[b]fluoranthene ...	15.956	2345877	17.402 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.987	2818583	17.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	2552785	17.708 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.719	2148214	16.554 ug/mlm
20) T Dibenz[a,h]anthracene...	17.746	2985624	17.948 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	2536988	17.117 ug/ml

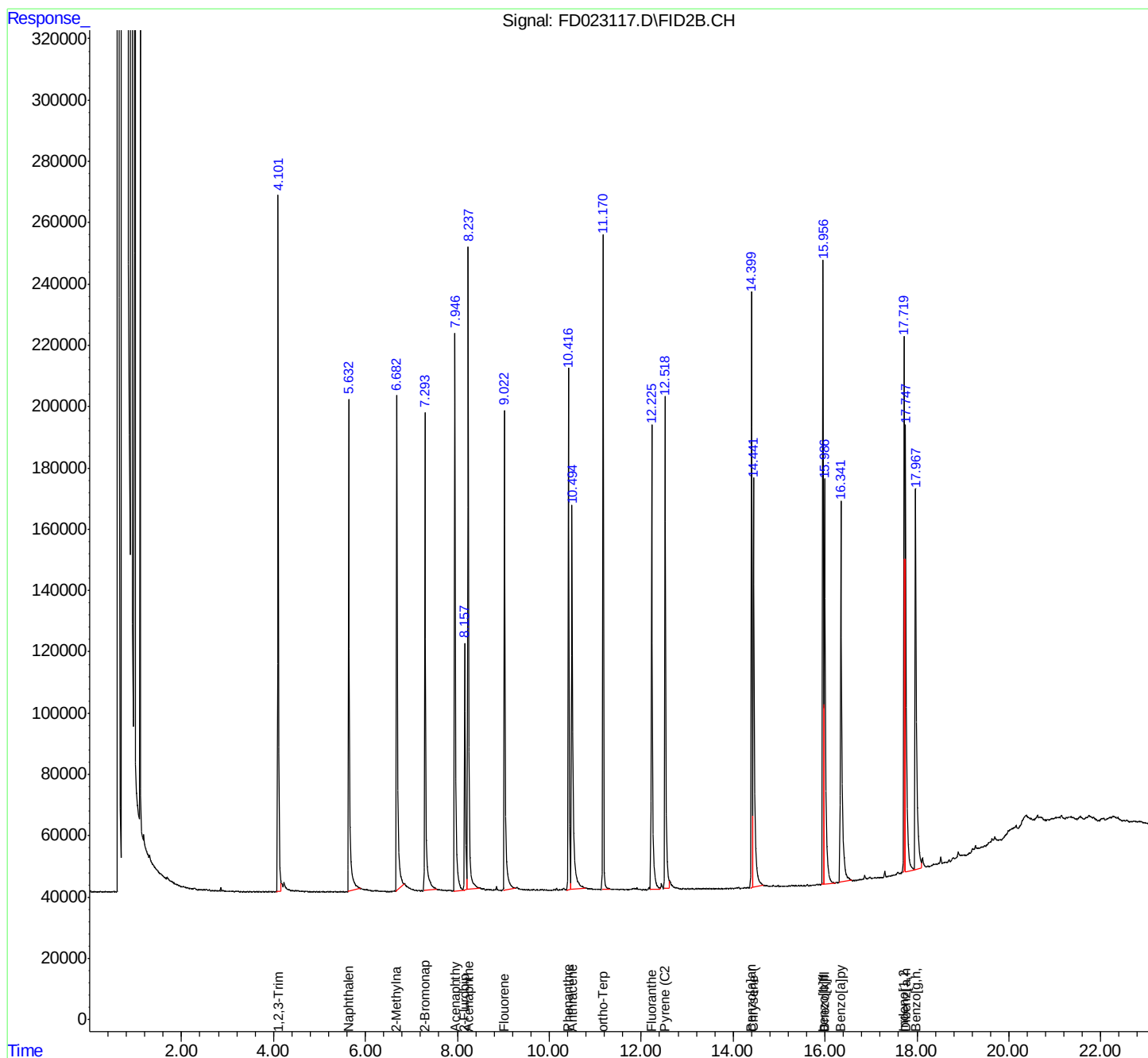
(f)=RT Delta > 1/2 Window

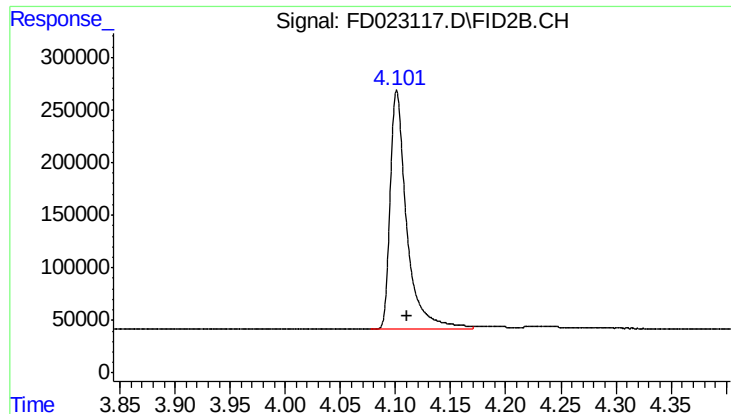
(m)=manual int.

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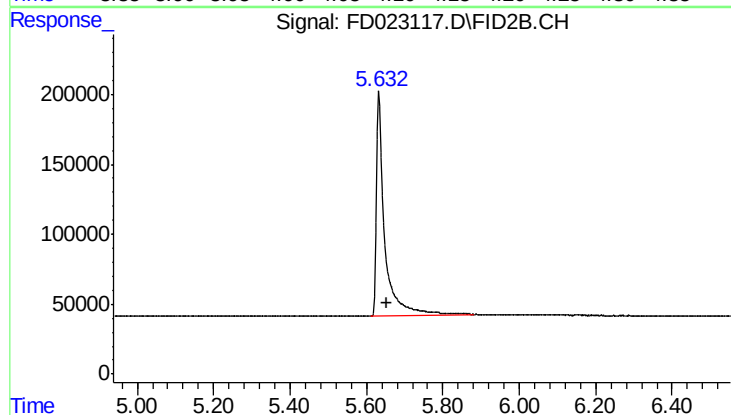
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





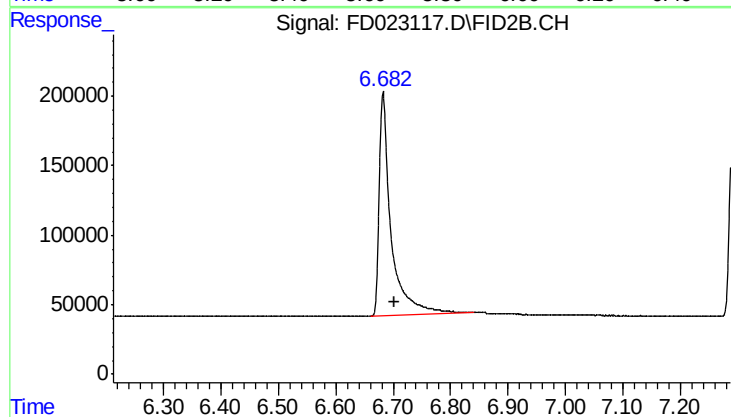
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.101 min
Delta R.T.: -0.009 min
Response: 2385452
Conc: 17.11 ug/ml



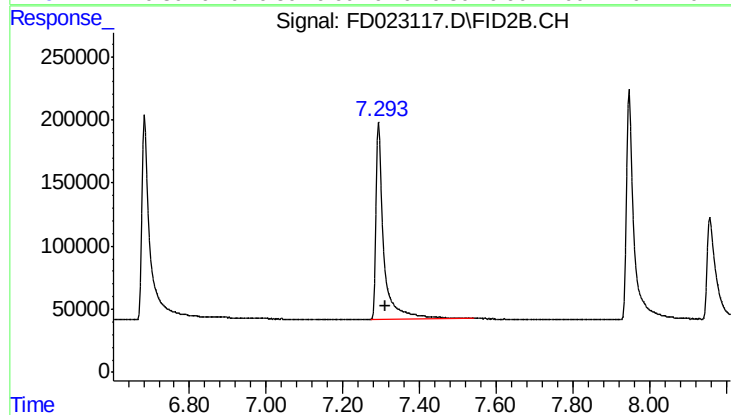
#2 Naphthalene (C11.7)

R.T.: 5.632 min
Delta R.T.: -0.020 min
Response: 2390493
Conc: 17.47 ug/ml



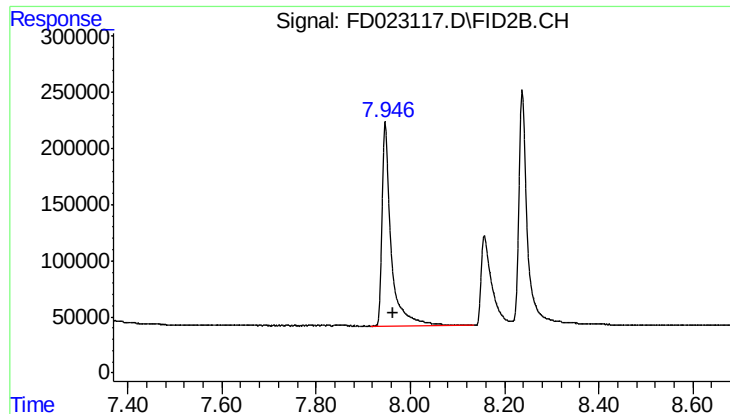
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.683 min
Delta R.T.: -0.020 min
Response: 2328086
Conc: 17.05 ug/ml



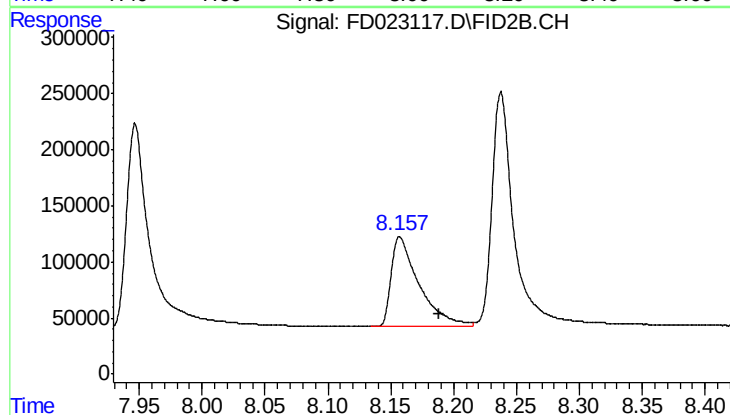
#4 2-Bromonaphthalene (SURR)

R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 2231547
Conc: 16.45 ug/ml



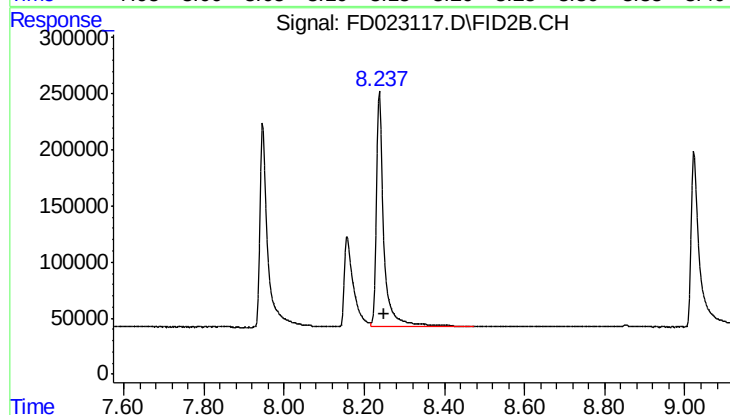
#5 Acenaphthylene (C15.06)

R.T.: 7.947 min
Delta R.T.: -0.016 min
Response: 2440441
Conc: 16.70 ug/ml



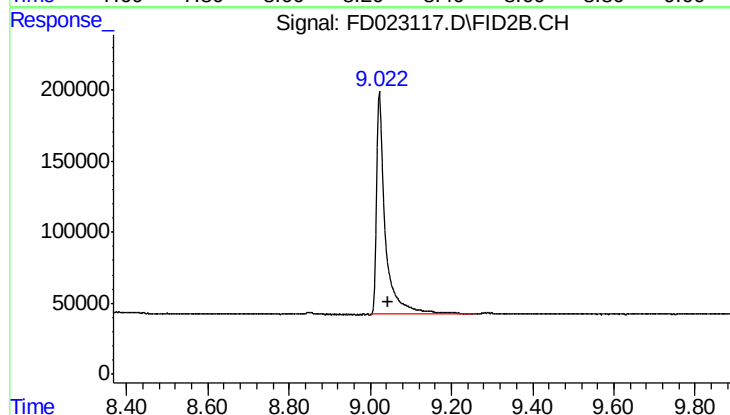
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.157 min
Delta R.T.: -0.031 min
Response: 1241952
Conc: 17.43 ug/ml



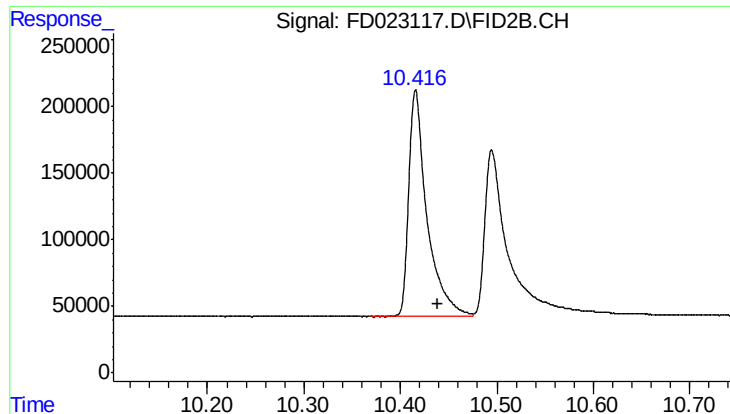
#7 Acenaphthene (C15.5)

R.T.: 8.238 min
Delta R.T.: -0.011 min
Response: 2683649
Conc: 15.89 ug/ml



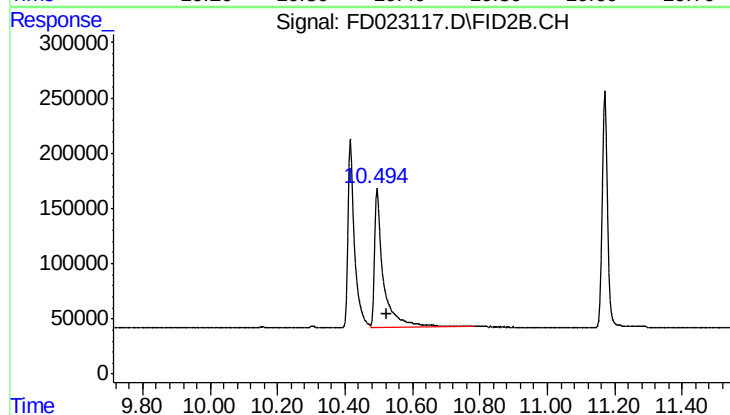
#8 Fluorene (C16.55)

R.T.: 9.022 min
Delta R.T.: -0.021 min
Response: 2343308
Conc: 16.36 ug/ml



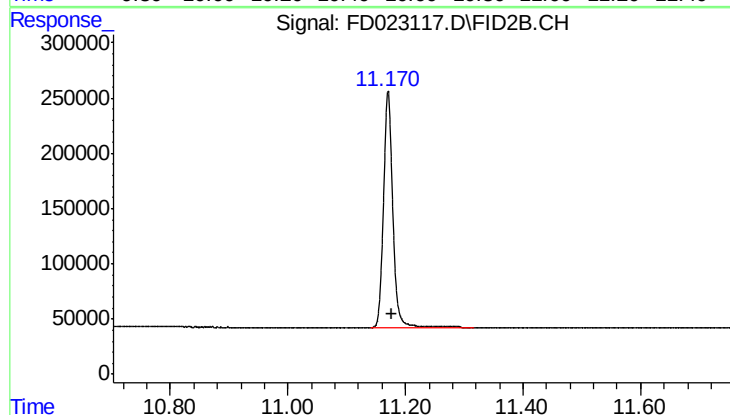
#9 Phenanthrene (C19.36)

R.T.: 10.416 min
Delta R.T.: -0.023 min
Response: 2251313
Conc: 16.96 ug/ml



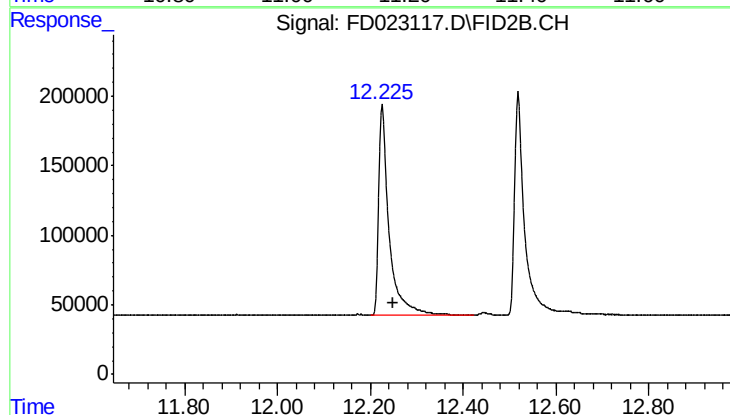
#10 Anthracene (C19.43)

R.T.: 10.495 min
Delta R.T.: -0.028 min
Response: 2282609
Conc: 16.31 ug/ml



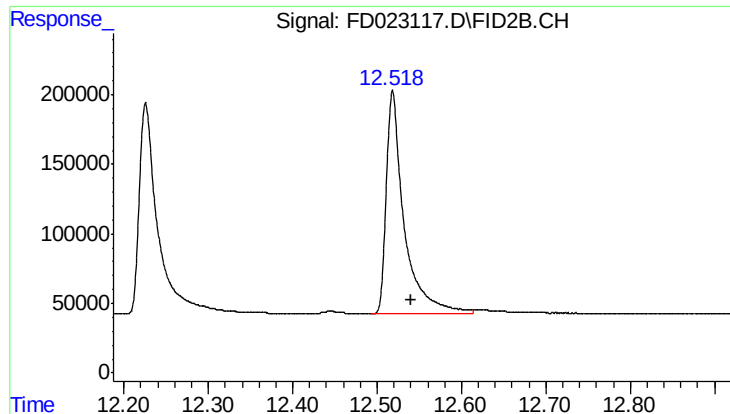
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.007 min
Response: 2344299
Conc: 16.77 ug/ml



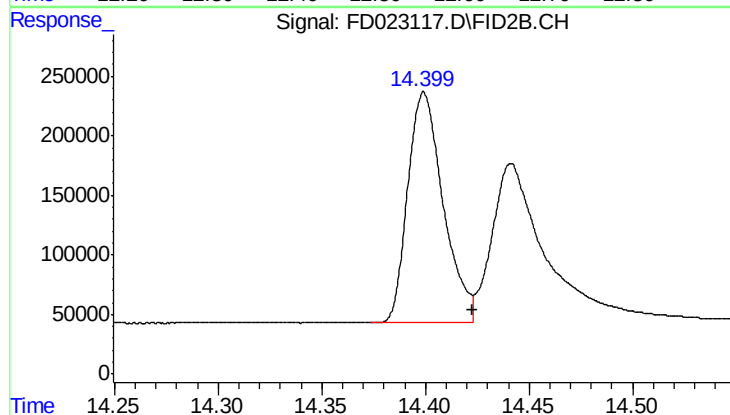
#12 Fluoranthene (C21.85)

R.T.: 12.226 min
Delta R.T.: -0.023 min
Response: 2365652
Conc: 17.22 ug/ml



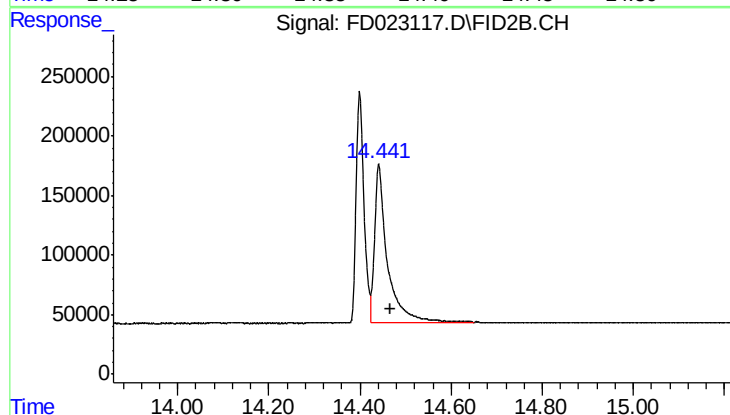
#13 Pyrene (C20.8)

R.T.: 12.519 min
Delta R.T.: -0.022 min
Response: 2352576
Conc: 16.67 ug/ml



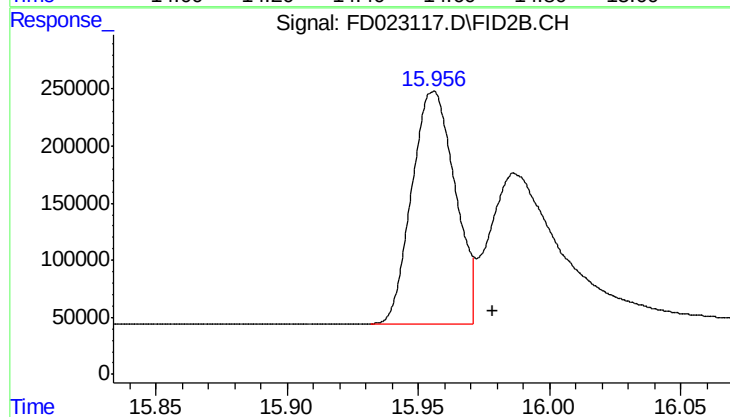
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.399 min
Delta R.T.: -0.024 min
Response: 2310234
Conc: 18.60 ug/ml m



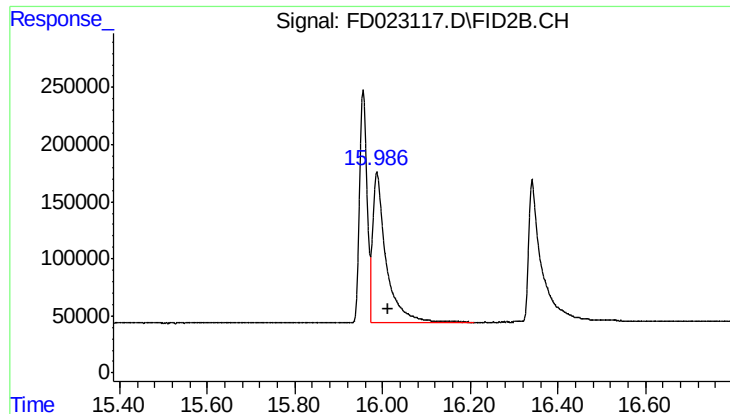
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.025 min
Response: 2606201
Conc: 16.83 ug/ml



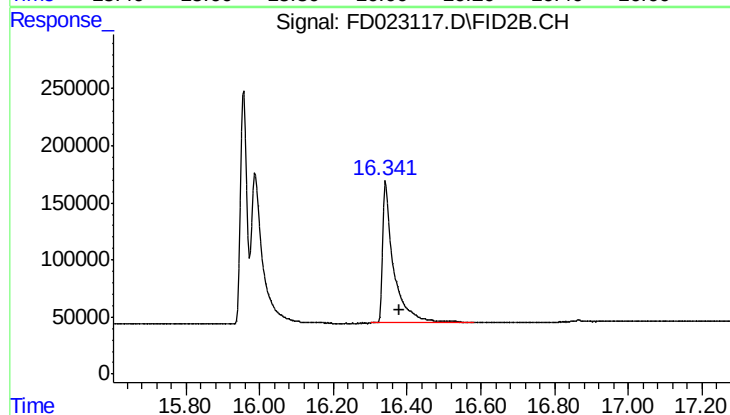
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.956 min
Delta R.T.: -0.023 min
Response: 2345877
Conc: 17.40 ug/ml m



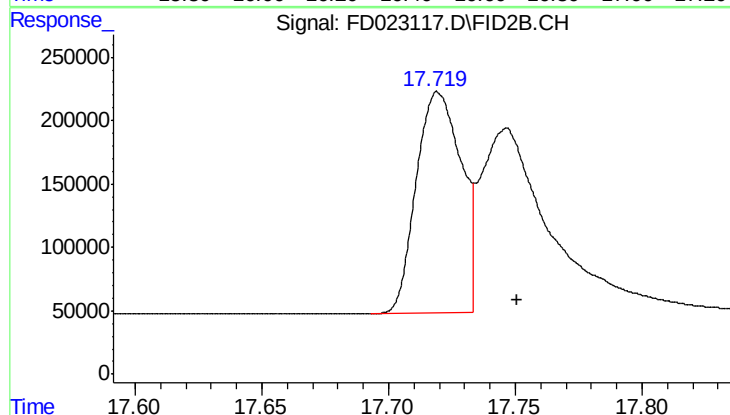
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.026 min
Response: 2818583
Conc: 17.08 ug/ml



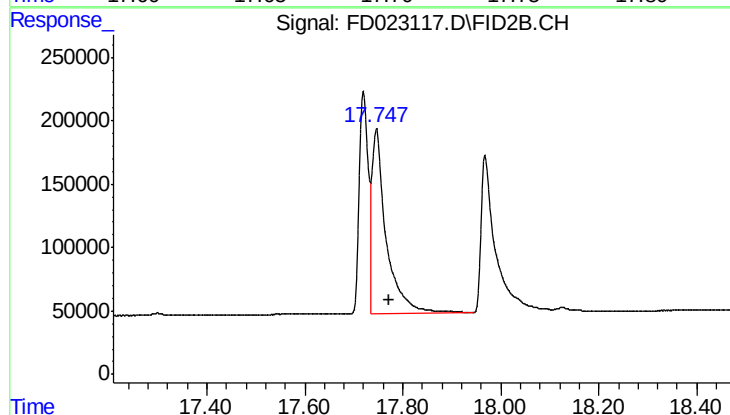
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.038 min
Response: 2552785
Conc: 17.71 ug/ml



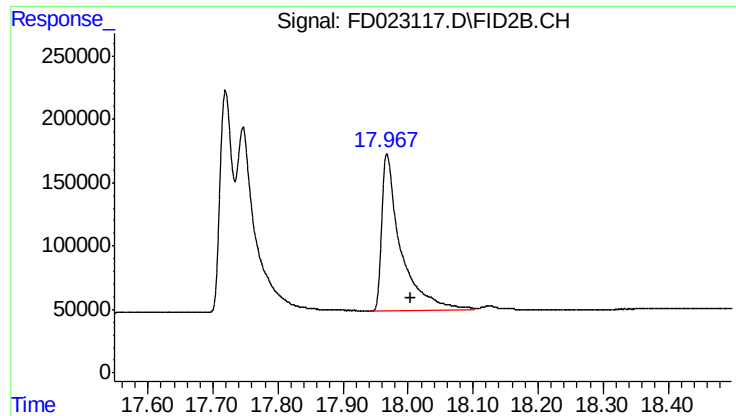
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.719 min
Delta R.T.: -0.032 min
Response: 2148214
Conc: 16.55 ug/ml m



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

R.T.: 17.746 min
Delta R.T.: -0.026 min
Response: 2985624
Conc: 17.95 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.036 min
Response: 2536988
Conc: 17.12 ug/ml