

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030119AR\
 Data File : FD028054.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2019 00:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 00:36:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 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...	7.325	1777446	16.840 ug/ml
Spiked Amount 50.000		Recovery =	33.68%
6) S 2-Fluorobiphenyl (SURR)	8.173	1195188	16.955 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.91%
11) S ortho-Terphenyl (SURR)	11.210	2114874	18.446 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.137	1973439	18.646 ug/ml
2) T Naphthalene (C11.7)	5.663	2058924	17.541 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	2023478	17.105 ug/ml
5) T Acenaphthylene (C15.06)	7.977	1972968	17.111 ug/ml
7) T Acenaphthene (C15.5)	8.271	2062149	16.974 ug/ml
8) T Fluorene (C16.55)	9.049	2026543	16.842 ug/ml
9) T Phenanthrene (C19.36)	10.434	2086732	18.675 ug/ml
10) T Anthracene (C19.43)	10.508	2037554	18.405 ug/ml
12) T Fluoranthene (C21.85)	12.235	2232328	20.573 ug/ml
13) T Pyrene (C20.8)	12.527	2247334	21.416 ug/ml
14) T Benzo[a]anthracene (C...	14.392	2195706	21.696 ug/ml
15) T Chrysene (C27.41)	14.433	2261944	21.937 ug/ml
16) T benzo[b]fluoranthene ...	15.934	2258619	21.430 ug/ml
17) T Bnezo[k]fluoranthene ...	15.966	2307451	21.427 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.307	2241923	20.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.667	2148616	20.996 ug/ml
20) T Dibenz[a,h]anthracene...	17.709	2124462	21.084 ug/ml
21) T Benzo[g,h,i]perylene ...	17.919	2229055	20.629 ug/ml

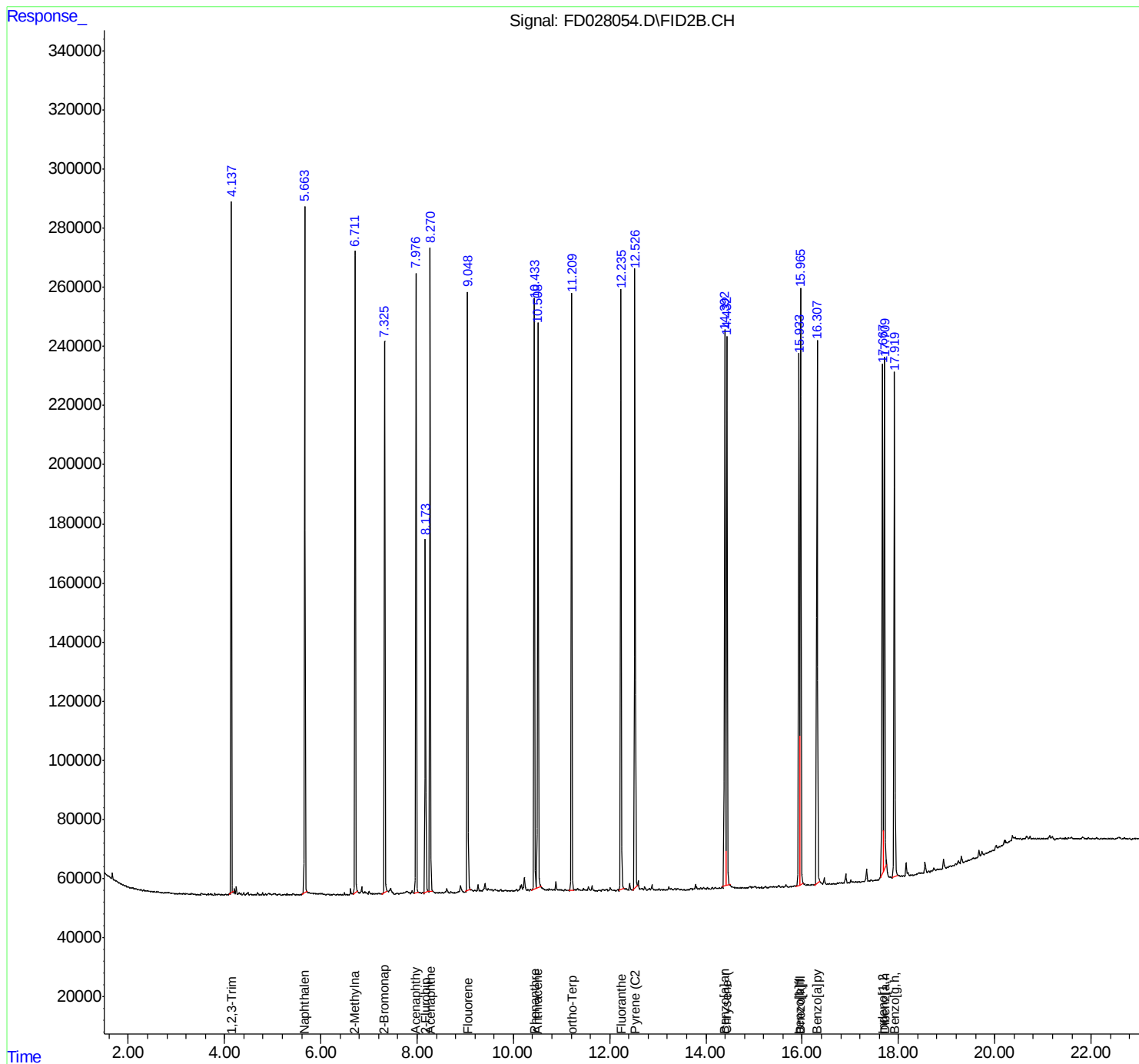
(f)=RT Delta > 1/2 Window

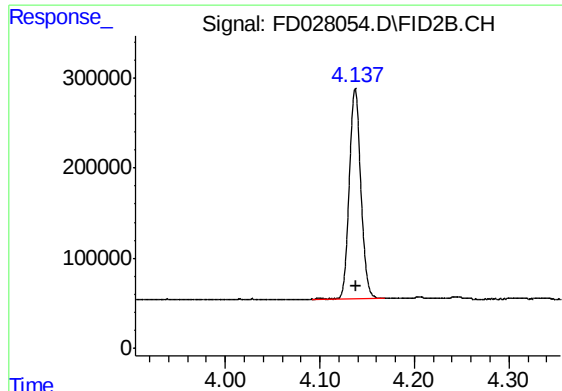
(m)=manual int.

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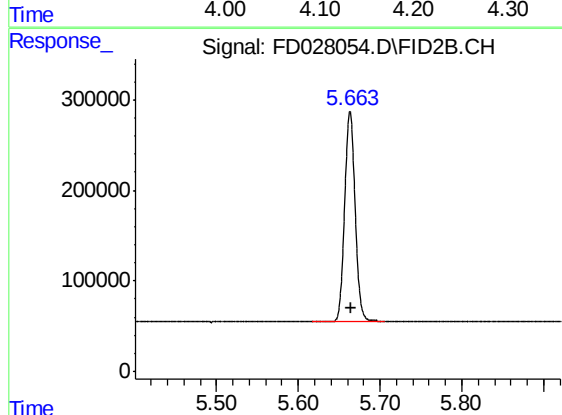
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





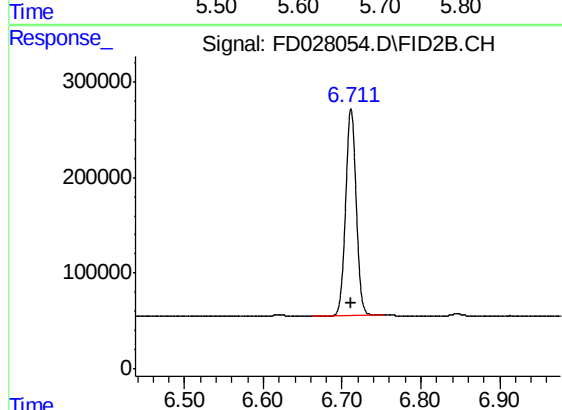
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 1973439
Conc: 18.65 ug/ml



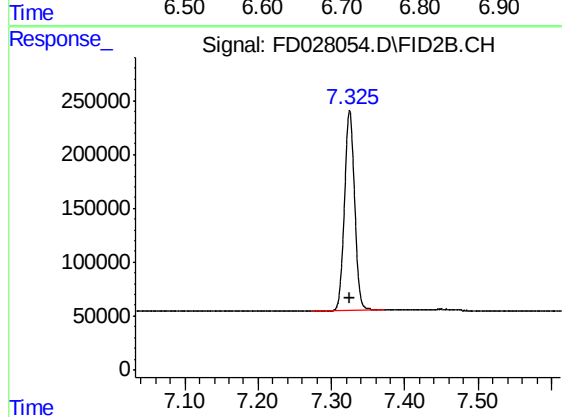
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 2058924
Conc: 17.54 ug/ml



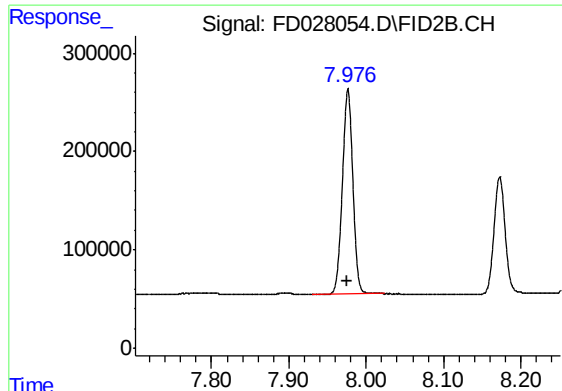
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 2023478
Conc: 17.11 ug/ml



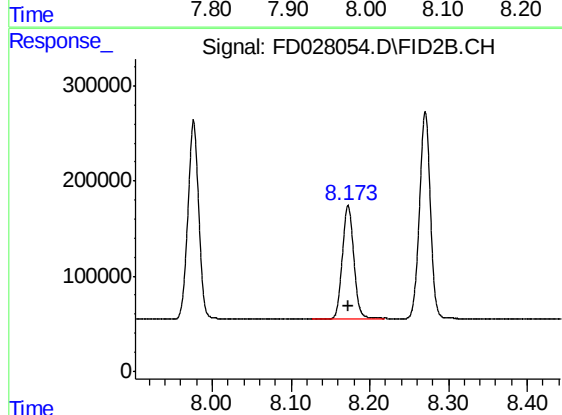
#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1777446
Conc: 16.84 ug/ml



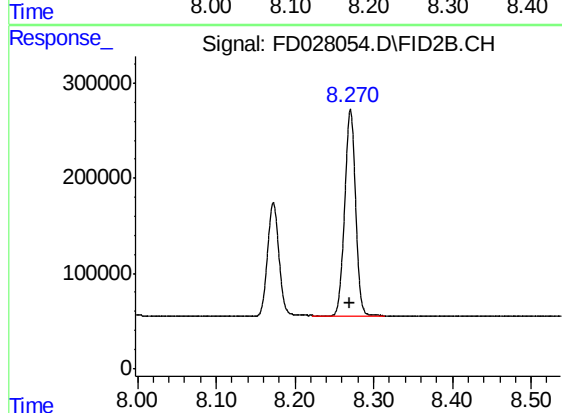
#5 Acenaphthylene (C15.06)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 1972968
Conc: 17.11 ug/ml



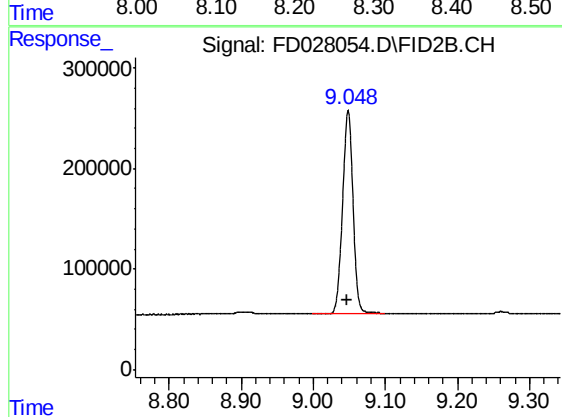
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1195188
Conc: 16.96 ug/ml



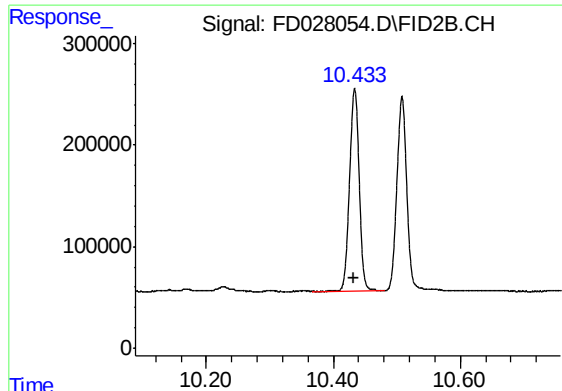
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 2062149
Conc: 16.97 ug/ml



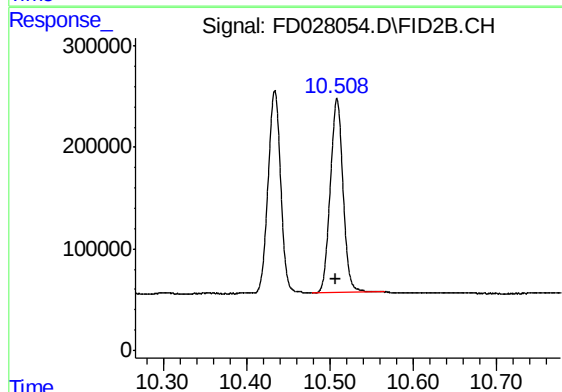
#8 Fluorene (C16.55)

R.T.: 9.049 min
Delta R.T.: 0.001 min
Response: 2026543
Conc: 16.84 ug/ml



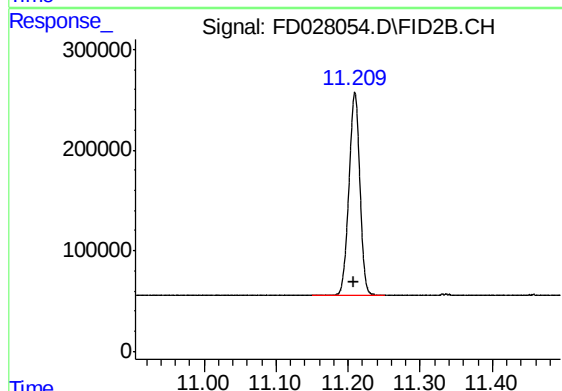
#9 Phenanthrene (C19.36)

R.T.: 10.434 min
Delta R.T.: 0.001 min
Response: 2086732
Conc: 18.68 ug/ml



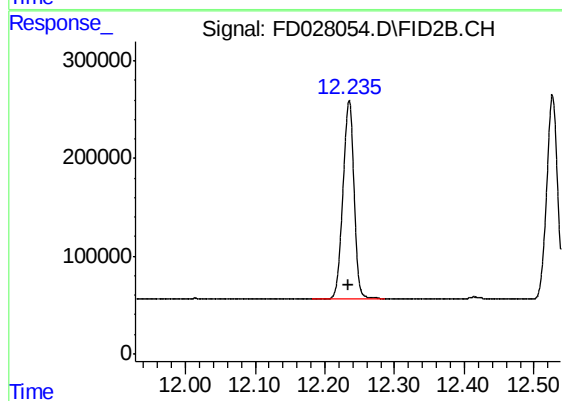
#10 Anthracene (C19.43)

R.T.: 10.508 min
Delta R.T.: 0.002 min
Response: 2037554
Conc: 18.41 ug/ml



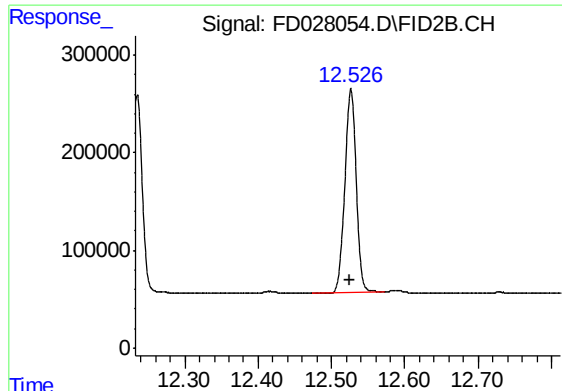
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: 0.001 min
Response: 2114874
Conc: 18.45 ug/ml



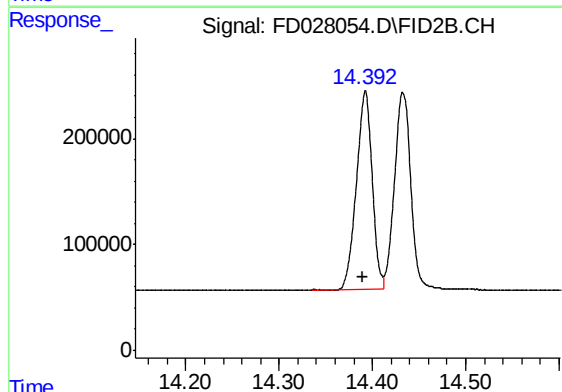
#12 Fluoranthene (C21.85)

R.T.: 12.235 min
Delta R.T.: 0.002 min
Response: 2232328
Conc: 20.57 ug/ml



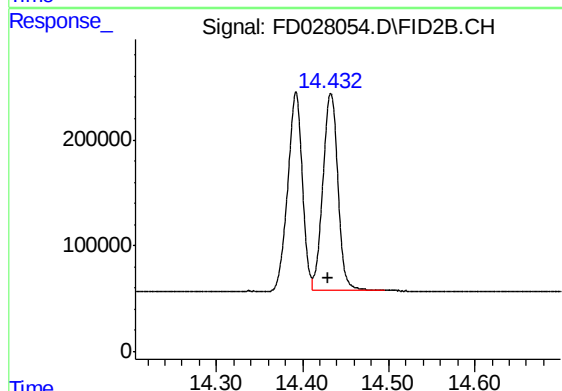
#13 Pyrene (C20.8)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2247334
Conc: 21.42 ug/ml



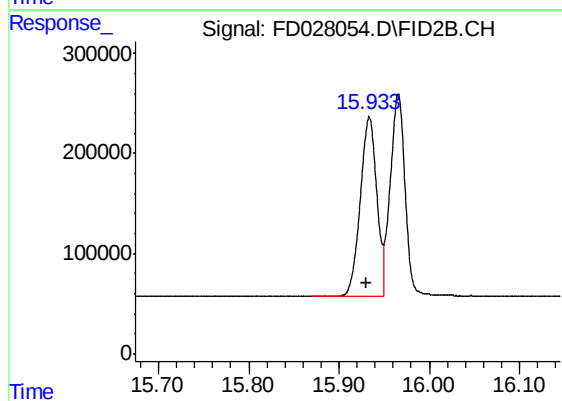
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.392 min
Delta R.T.: 0.003 min
Response: 2195706
Conc: 21.70 ug/ml



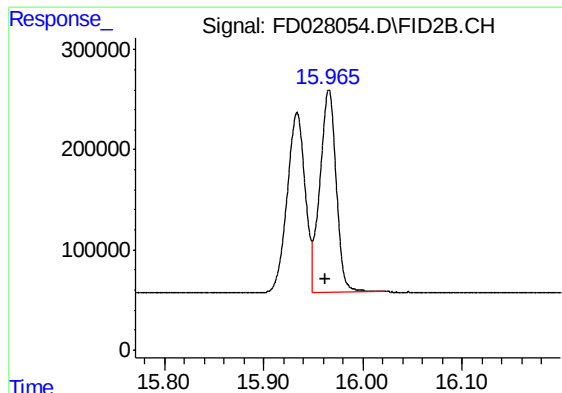
#15 Chrysene (C27.41)

R.T.: 14.433 min
Delta R.T.: 0.003 min
Response: 2261944
Conc: 21.94 ug/ml



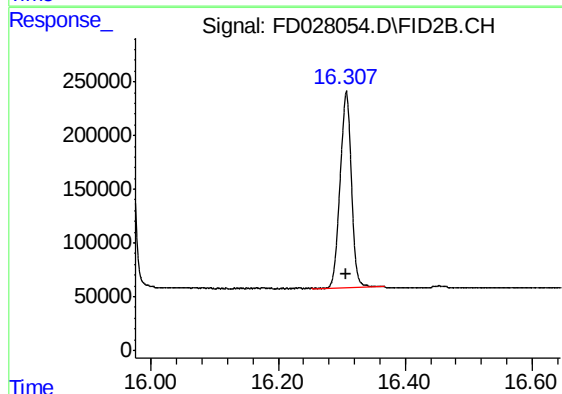
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.934 min
Delta R.T.: 0.003 min
Response: 2258619
Conc: 21.43 ug/ml



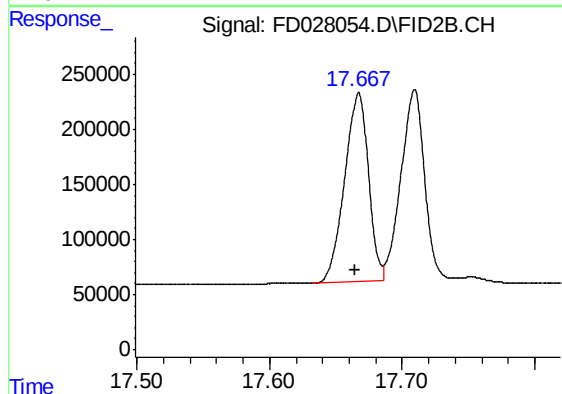
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.966 min
Delta R.T.: 0.004 min
Response: 2307451
Conc: 21.43 ug/ml



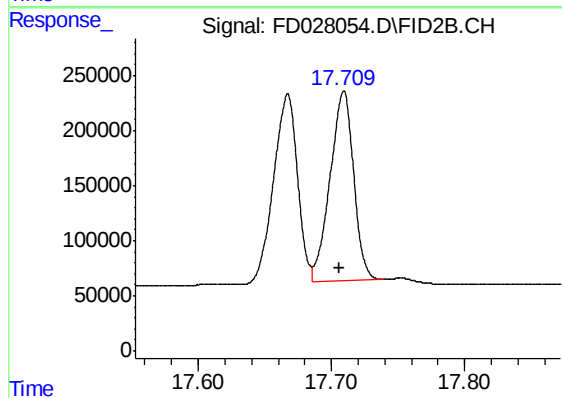
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.307 min
Delta R.T.: 0.001 min
Response: 2241923
Conc: 20.95 ug/ml



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

R.T.: 17.667 min
Delta R.T.: 0.003 min
Response: 2148616
Conc: 21.00 ug/ml



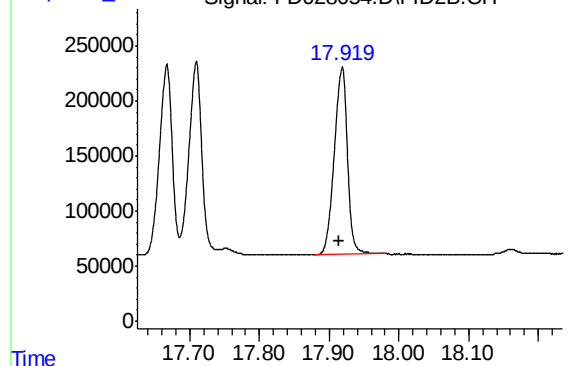
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.709 min
Delta R.T.: 0.003 min
Response: 2124462
Conc: 21.08 ug/ml

Response_

Signal: FD028054.D\FID2B.CH

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



R.T.: 17.919 min
Delta R.T.: 0.005 min
Response: 2229055
Conc: 20.63 ug/ml