

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031920AR\
 Data File : FD032691.D
 Signal(s) : FID2B.CH
 Acq On : 19 Mar 2020 10:51
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 03:25:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.610	2762506	21.374 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
6) S 2-Fluorobiphenyl (SURR)	8.472	1794966	20.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.67%
11) S ortho-Terphenyl (SURR)	11.508	2773089	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.413	3131777	23.544 ug/mlm
2) T Naphthalene (C11.7)	5.950	3161895	22.254 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	3058442	21.546 ug/ml
5) T Acenaphthylene (C15.06)	8.275	2801277	20.478 ug/ml
7) T Acenaphthene (C15.5)	8.570	2955450	20.933 ug/ml
8) T Flouorene (C16.55)	9.349	2818507	20.106 ug/ml
9) T Phenanthrene (C19.36)	10.744	2702850	19.341 ug/ml
10) T Anthracene (C19.43)	10.818	2148512	15.346 ug/ml
12) T Fluoranthene (C21.85)	12.554	2673469	19.062 ug/ml
13) T Pyrene (C20.8)	12.851	2633654	19.155 ug/ml
14) T Benzo[a]anthracene (C...	14.721	2484688	19.041 ug/ml
15) T Chrysene (C27.41)	14.763	2612724	19.408 ug/ml
16) T benzo[b]fluoranthene ...	16.272	2624546	20.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	2607371	19.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2572800	20.196 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	2593659	21.766 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	2662406	21.057 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	2610228	22.080 ug/ml

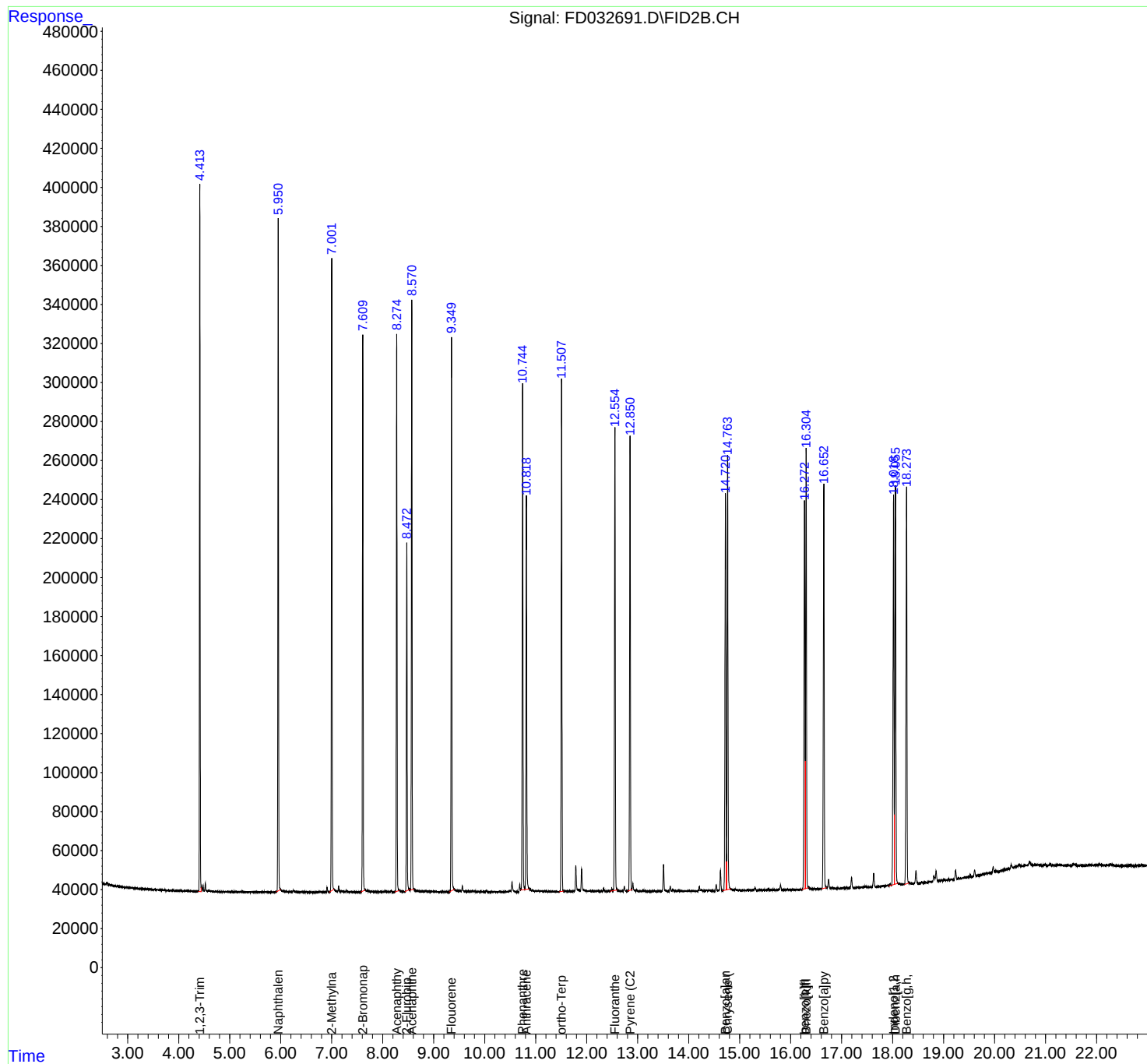
(f)=RT Delta > 1/2 Window

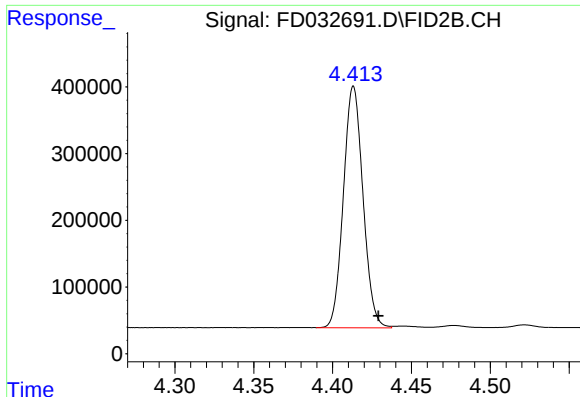
(m)=manual int.

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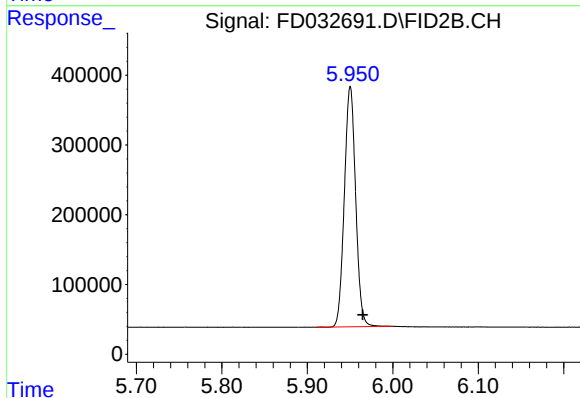
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





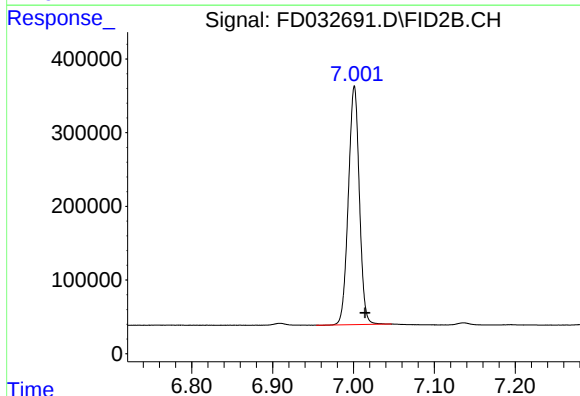
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.413 min
Delta R.T.: -0.016 min
Response: 3131777
Conc: 23.54 ug/ml m



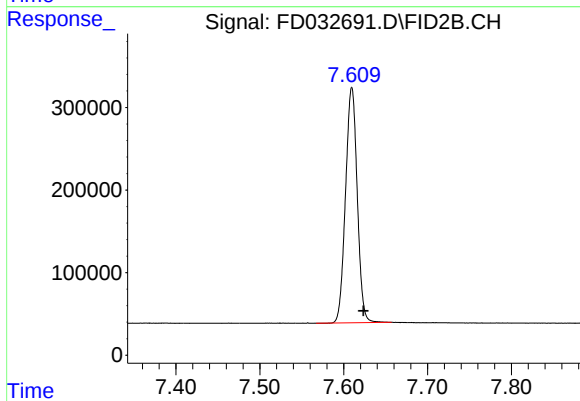
#2 Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.014 min
Response: 3161895
Conc: 22.25 ug/ml



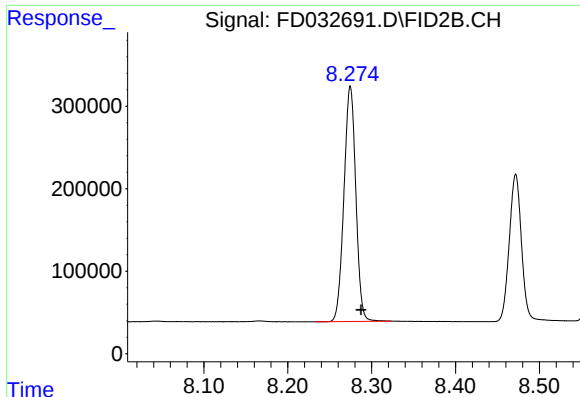
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.013 min
Response: 3058442
Conc: 21.55 ug/ml



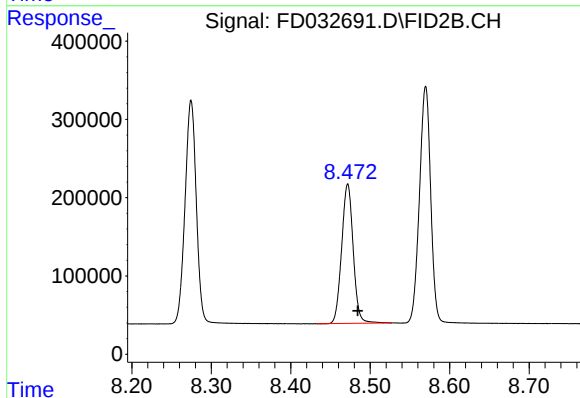
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.014 min
Response: 2762506
Conc: 21.37 ug/ml



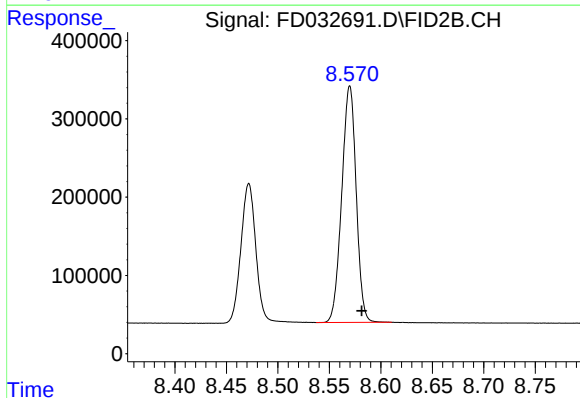
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min
Delta R.T.: -0.013 min
Response: 2801277
Conc: 20.48 ug/ml



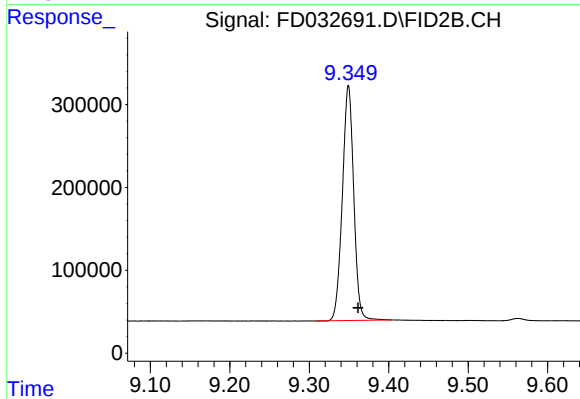
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1794966
Conc: 20.33 ug/ml



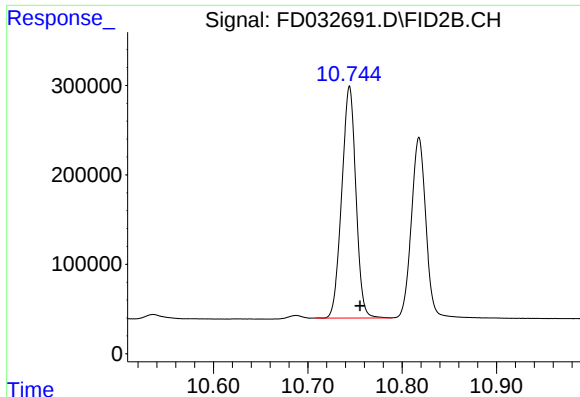
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 2955450
Conc: 20.93 ug/ml



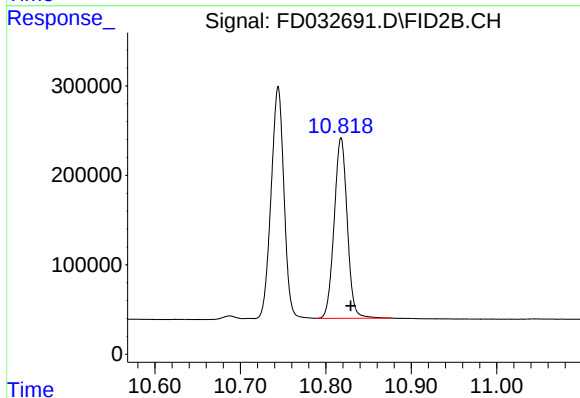
#8 Flouorene (C16.55)

R.T.: 9.349 min
Delta R.T.: -0.012 min
Response: 2818507
Conc: 20.11 ug/ml



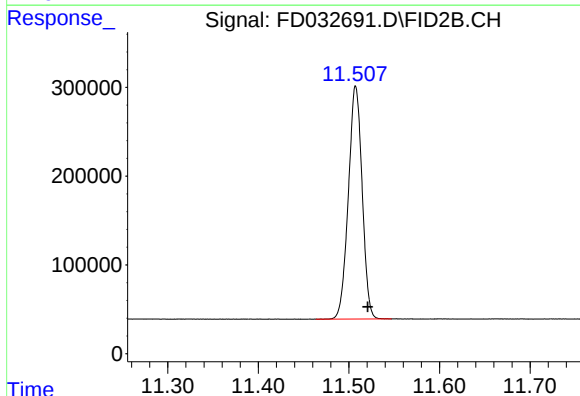
#9 Phenanthrene (C19.36)

R.T.: 10.744 min
Delta R.T.: -0.011 min
Response: 2702850
Conc: 19.34 ug/ml



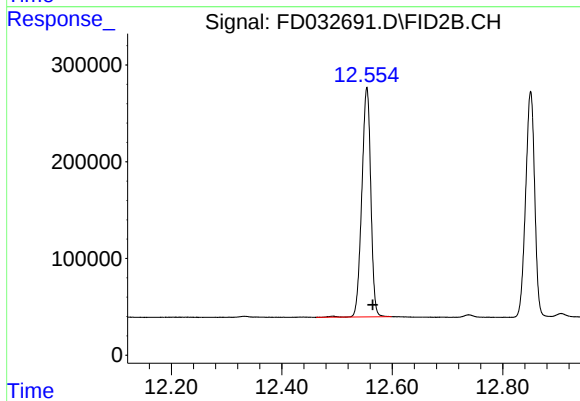
#10 Anthracene (C19.43)

R.T.: 10.818 min
Delta R.T.: -0.011 min
Response: 2148512
Conc: 15.35 ug/ml



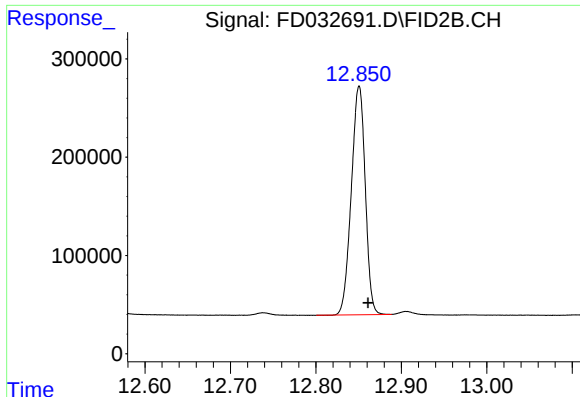
#11 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 2773089
Conc: 20.00 ug/ml



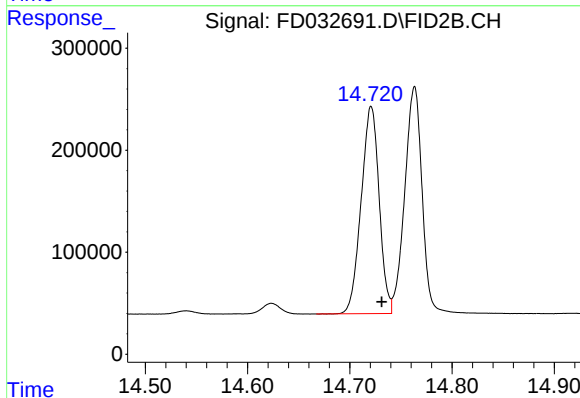
#12 Fluoranthene (C21.85)

R.T.: 12.554 min
Delta R.T.: -0.011 min
Response: 2673469
Conc: 19.06 ug/ml



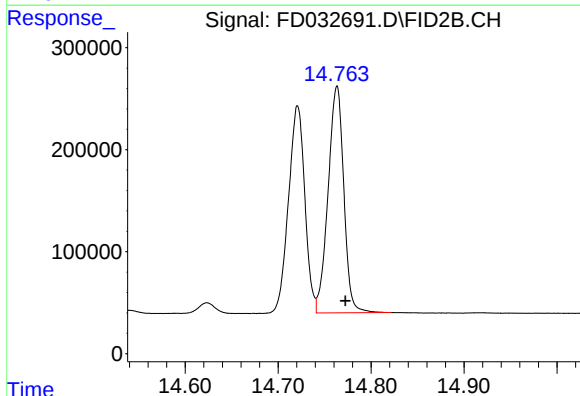
#13 Pyrene (C20.8)

R.T.: 12.851 min
Delta R.T.: -0.010 min
Response: 2633654
Conc: 19.15 ug/ml



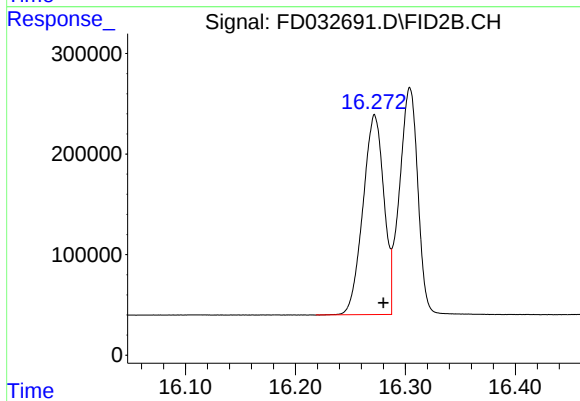
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.721 min
Delta R.T.: -0.010 min
Response: 2484688
Conc: 19.04 ug/ml



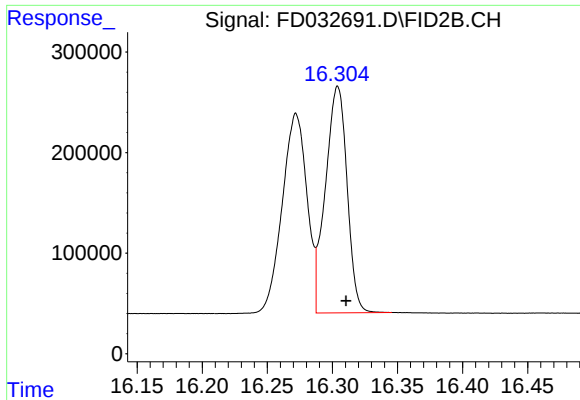
#15 Chrysene (C27.41)

R.T.: 14.763 min
Delta R.T.: -0.009 min
Response: 2612724
Conc: 19.41 ug/ml



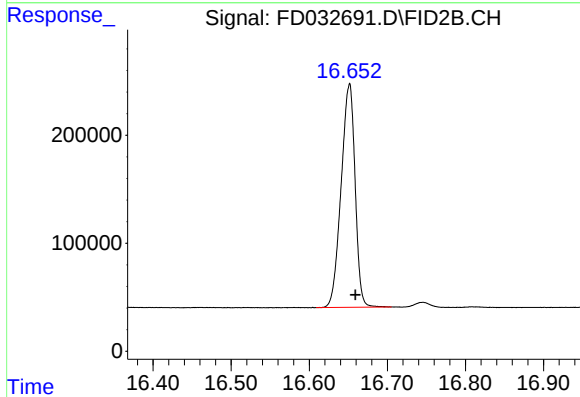
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.272 min
Delta R.T.: -0.008 min
Response: 2624546
Conc: 20.46 ug/ml



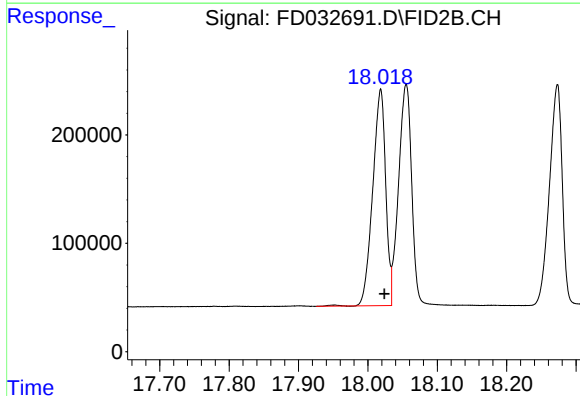
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 2607371
Conc: 19.86 ug/ml



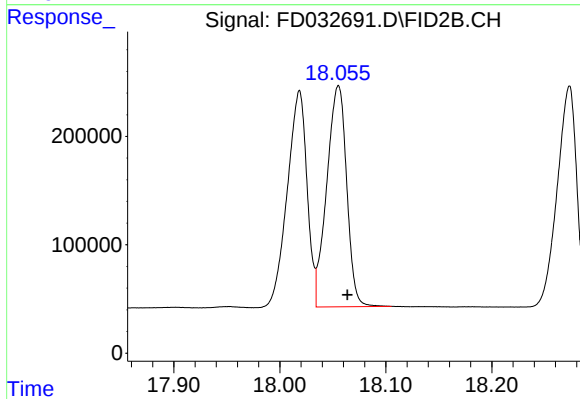
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.007 min
Response: 2572800
Conc: 20.20 ug/ml



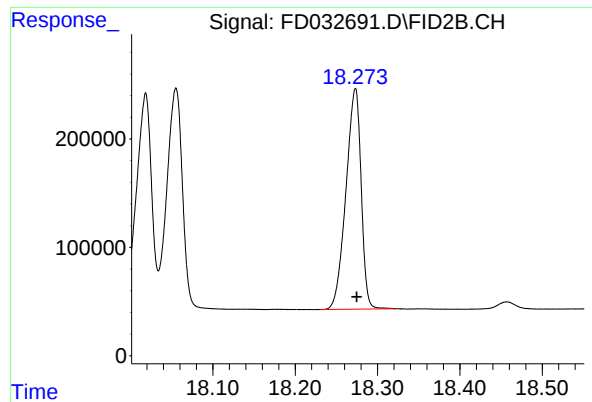
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min
Delta R.T.: -0.005 min
Response: 2593659
Conc: 21.77 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.009 min
Response: 2662406
Conc: 21.06 ug/ml



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

R.T.: 18.273 min
Delta R.T.: -0.002 min
Response: 2610228
Conc: 22.08 ug/ml