

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011221AR\
 Data File : FD036007.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2021 00:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 01:55:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 2021
 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...	7.618	2602993	22.340 ug/ml
Spiked Amount 50.000		Recovery =	44.68%
6) S 2-Fluorobiphenyl (SURR)	8.478	1846291	22.575 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.15%
11) S ortho-Terphenyl (SURR)	11.522	3016424	22.059 ug/ml
Spiked Amount 50.000		Recovery =	44.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2758437	21.947 ug/ml
2) T Naphthalene (C11.7)	5.955	3011604	22.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.007	3044689	22.374 ug/ml
5) T Acenaphthylene (C15.06)	8.282	2908238	22.298 ug/ml
7) T Acenaphthene (C15.5)	8.578	3012326	22.401 ug/ml
8) T Flouorene (C16.55)	9.358	2961980	22.472 ug/ml
9) T Phenanthrene (C19.36)	10.753	2972895	22.292 ug/ml
10) T Anthracene (C19.43)	10.827	2919589	22.130 ug/ml
12) T Fluoranthene (C21.85)	12.563	2897908	21.710 ug/ml
13) T Pyrene (C20.8)	12.860	2830065	21.548 ug/ml
14) T Benzo[a]anthracene (C...	14.729	2528167	20.965 ug/ml
15) T Chrysene (C27.41)	14.771	2608343	20.968 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2335121	20.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2273393	20.278 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2102611	20.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	2096939	20.189 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2169578	20.537 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	2119873	20.478 ug/ml

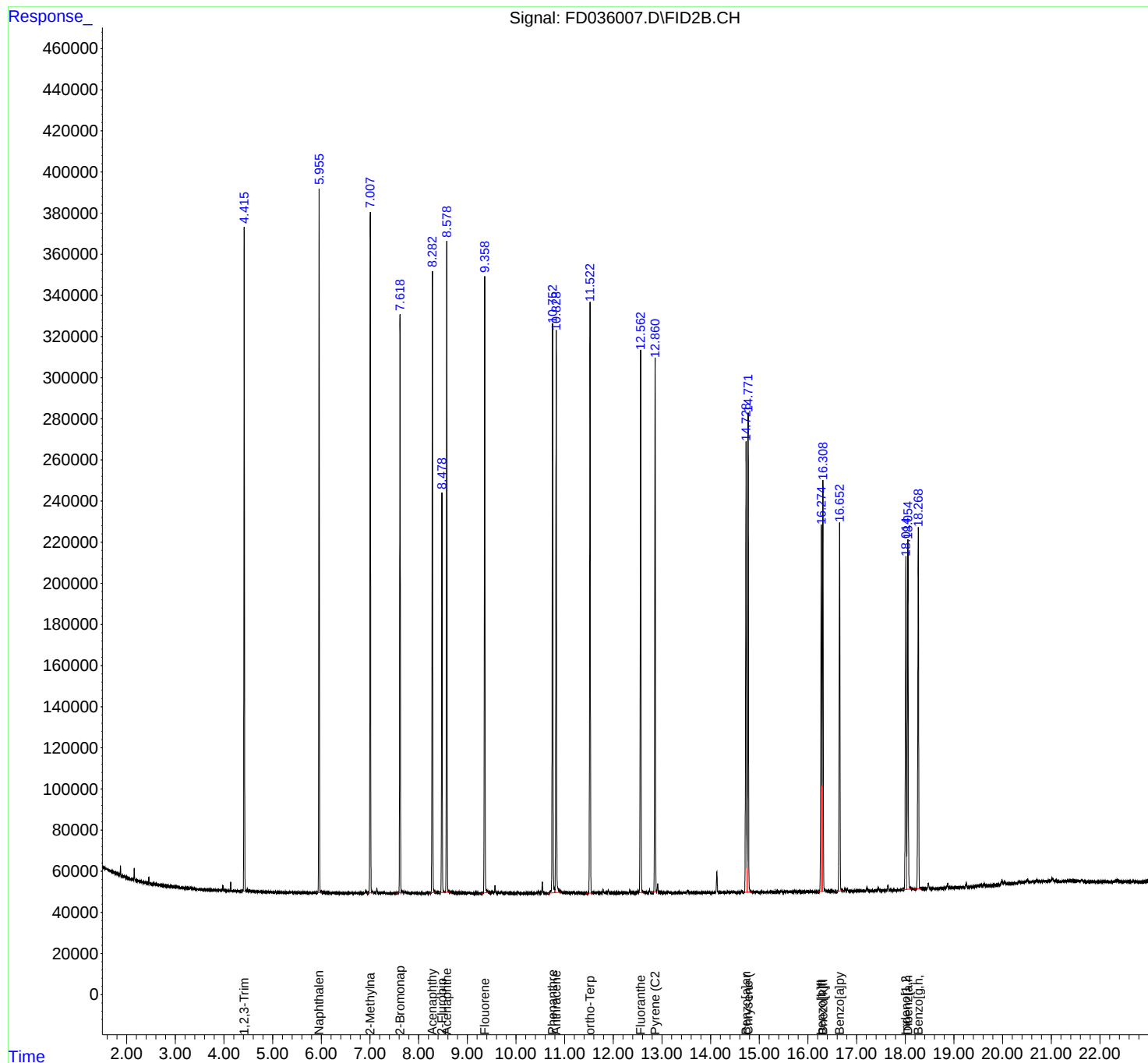
(f)=RT Delta > 1/2 Window

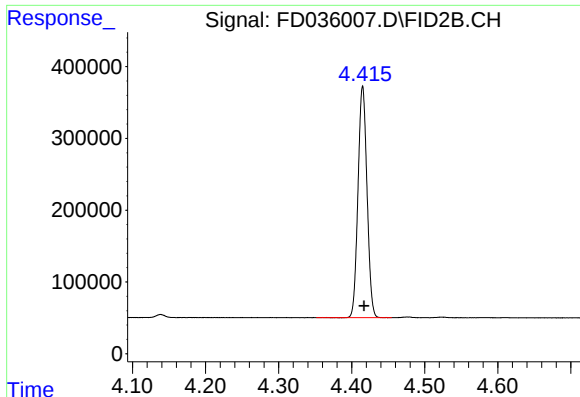
(m)=manual int.

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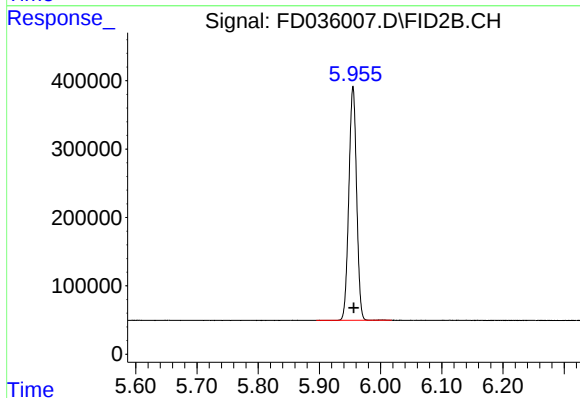
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 Signal Info : 20M x 0.18mm x 0.18µm





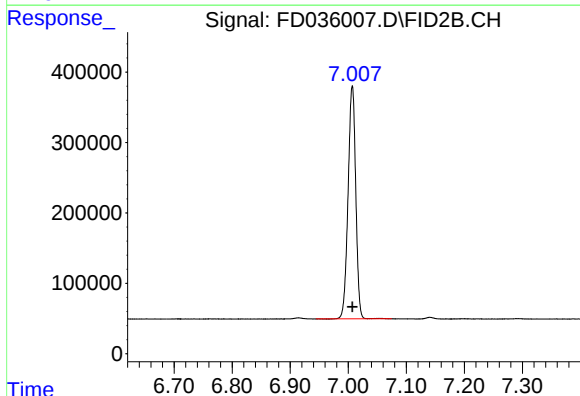
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 2758437
Conc: 21.95 ug/ml



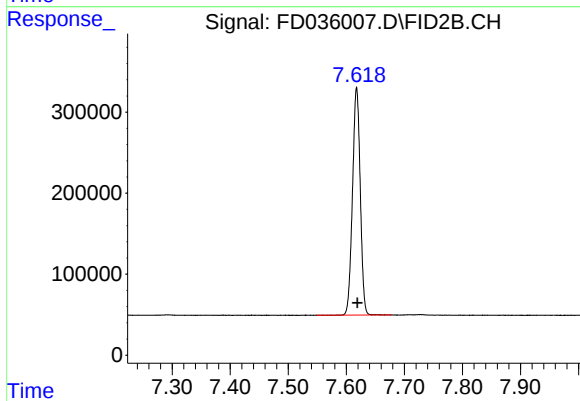
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 3011604
Conc: 22.11 ug/ml



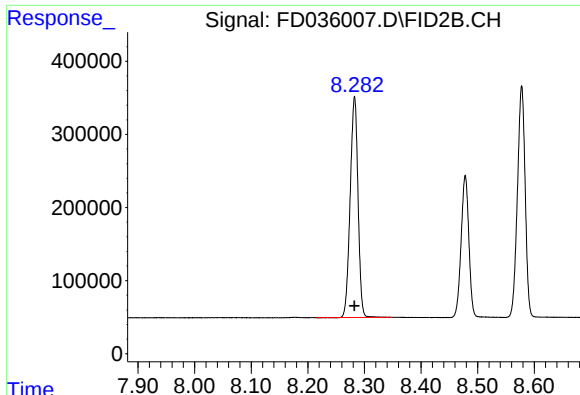
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 3044689
Conc: 22.37 ug/ml



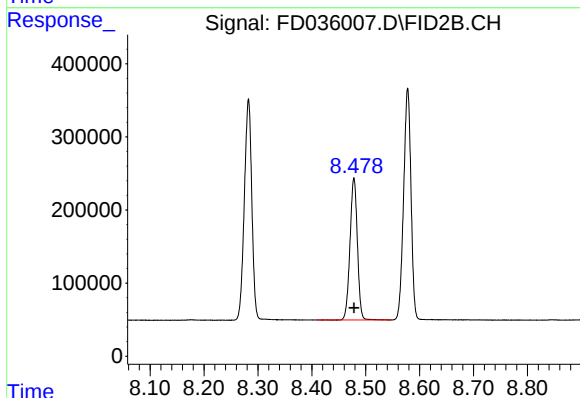
#4 2-Bromonaphthalene (SURR)

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 2602993
Conc: 22.34 ug/ml



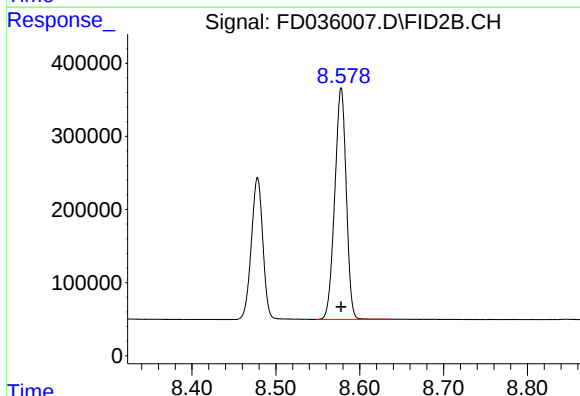
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 2908238
Conc: 22.30 ug/ml



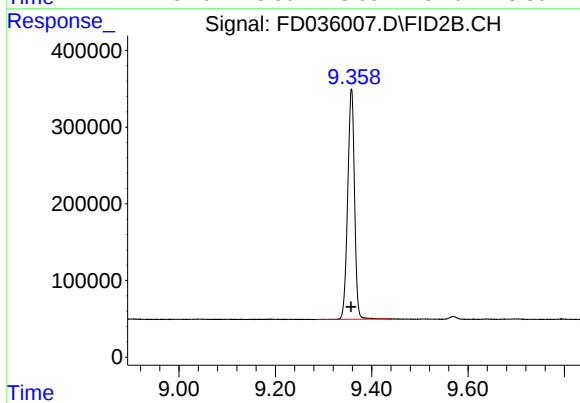
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 1846291
Conc: 22.58 ug/ml



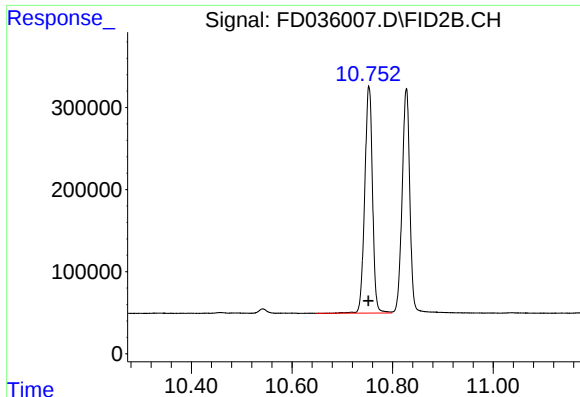
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 3012326
Conc: 22.40 ug/ml



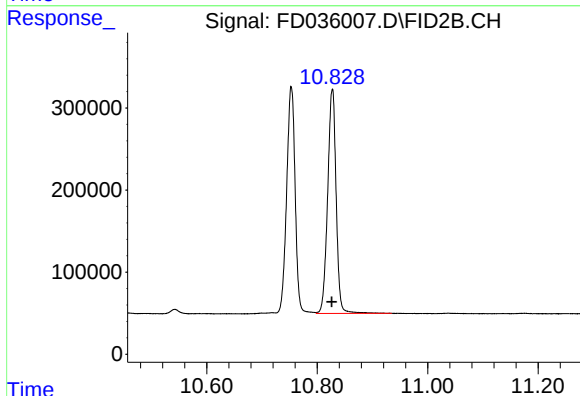
#8 Fluorene (C16.55)

R.T.: 9.358 min
Delta R.T.: 0.000 min
Response: 2961980
Conc: 22.47 ug/ml



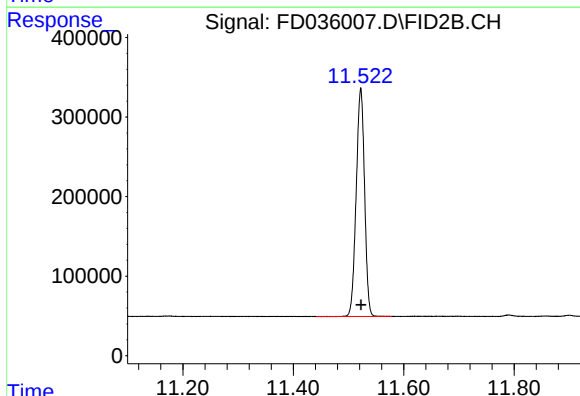
#9 Phenanthrene (C19.36)

R.T.: 10.753 min
Delta R.T.: 0.000 min
Response: 2972895
Conc: 22.29 ug/ml



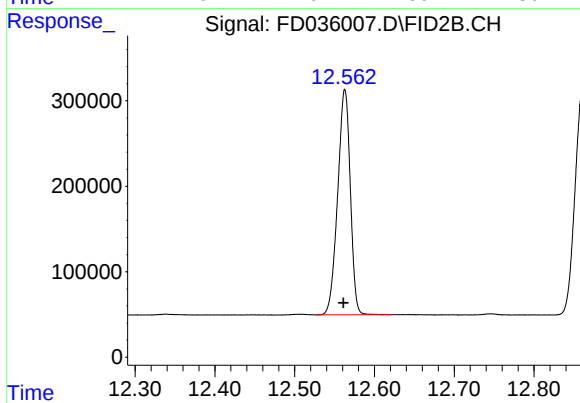
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: 0.000 min
Response: 2919589
Conc: 22.13 ug/ml



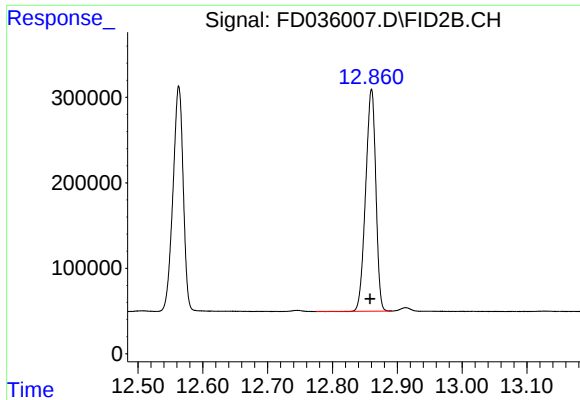
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 3016424
Conc: 22.06 ug/ml



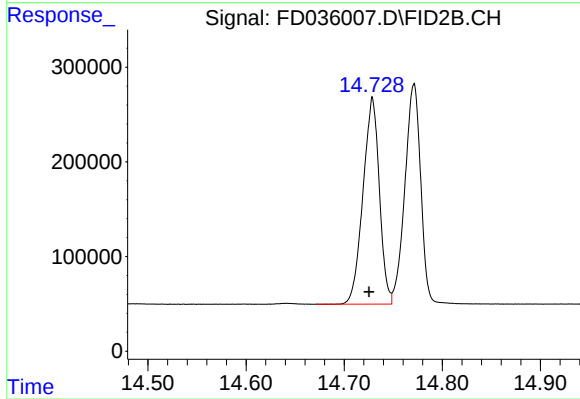
#12 Fluoranthene (C21.85)

R.T.: 12.563 min
Delta R.T.: 0.002 min
Response: 2897908
Conc: 21.71 ug/ml



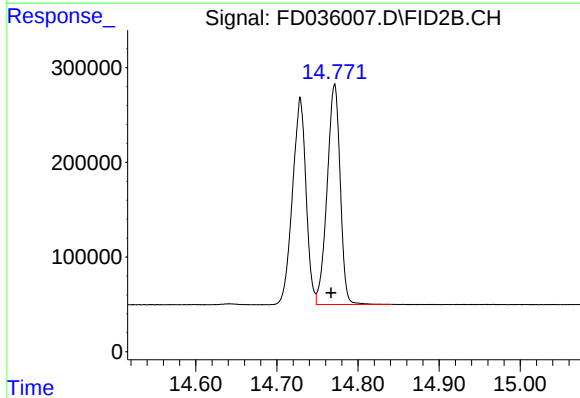
#13 Pyrene (C20.8)

R.T.: 12.860 min
Delta R.T.: 0.002 min
Response: 2830065
Conc: 21.55 ug/ml



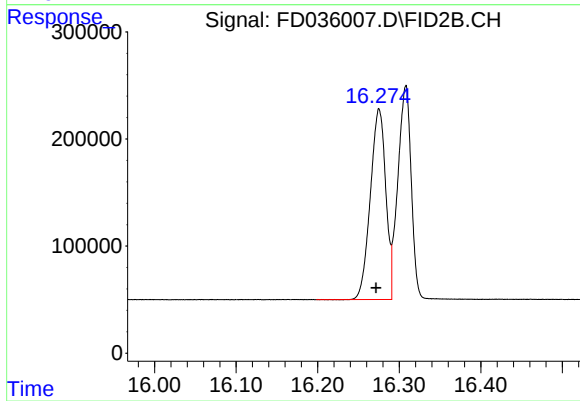
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.729 min
Delta R.T.: 0.003 min
Response: 2528167
Conc: 20.96 ug/ml



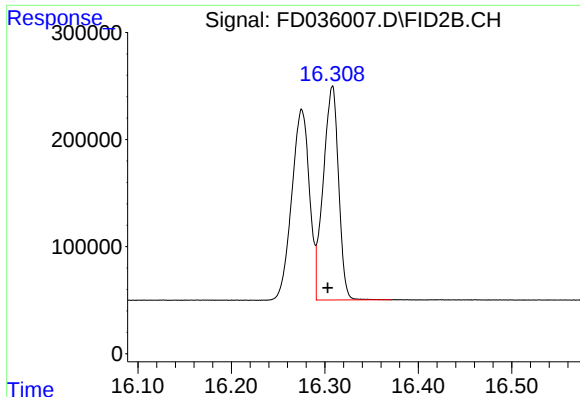
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: 0.004 min
Response: 2608343
Conc: 20.97 ug/ml



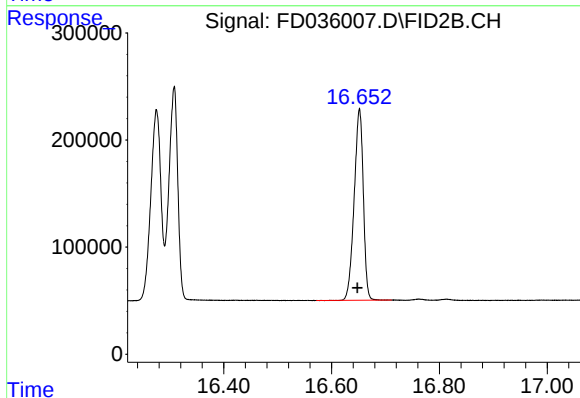
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.275 min
Delta R.T.: 0.004 min
Response: 2335121
Conc: 20.34 ug/ml



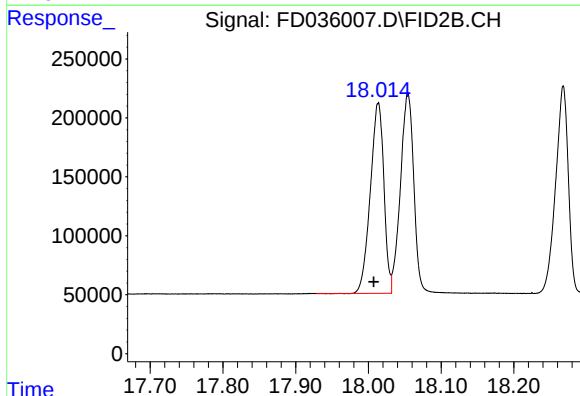
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: 0.005 min
Response: 2273393
Conc: 20.28 ug/ml



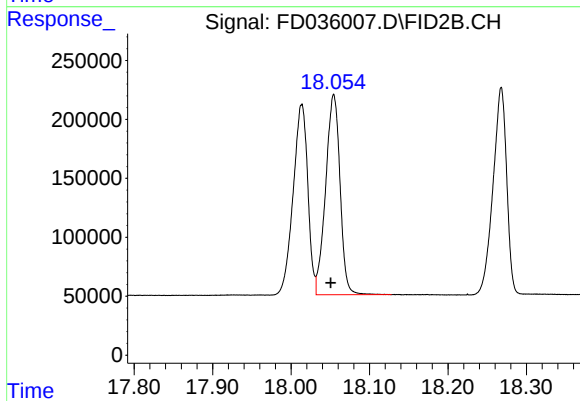
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: 0.003 min
Response: 2102611
Conc: 20.18 ug/ml



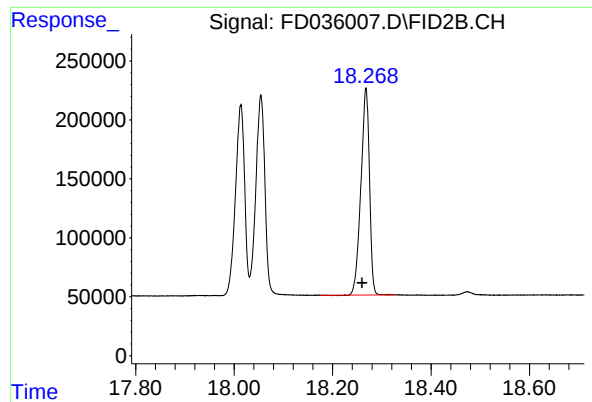
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.006 min
Response: 2096939
Conc: 20.19 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.004 min
Response: 2169578
Conc: 20.54 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.008 min
Response: 2119873
Conc: 20.48 ug/ml