

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031620AR\
 Data File : FD032647.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2020 13:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 17 01:34:34 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	2233224	17.279 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
6) S 2-Fluorobiphenyl (SURR)	8.472	1445506	16.374 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.75%
11) S ortho-Terphenyl (SURR)	11.508	2280043	16.444 ug/ml
Spiked Amount 50.000		Recovery =	32.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2531520	19.031 ug/mlm
2) T Naphthalene (C11.7)	5.951	2558366	18.006 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	2473683	17.426 ug/ml
5) T Acenaphthylene (C15.06)	8.275	2310760	16.892 ug/ml
7) T Acenaphthene (C15.5)	8.570	2407694	17.053 ug/ml
8) T Flouorene (C16.55)	9.349	2292213	16.352 ug/ml
9) T Phenanthrene (C19.36)	10.744	2228080	15.944 ug/ml
10) T Anthracene (C19.43)	10.819	2176563	15.546 ug/ml
12) T Fluoranthene (C21.85)	12.555	2185547	15.583 ug/ml
13) T Pyrene (C20.8)	12.852	2164466	15.742 ug/ml
14) T Benzo[a]anthracene (C...	14.722	2052029	15.726 ug/ml
15) T Chrysene (C27.41)	14.764	2119317	15.743 ug/ml
16) T benzo[b]fluoranthene ...	16.273	2111611	16.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	2124508	16.183 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2111557	16.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	2093058	17.565 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	2115070	16.728 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	2118864	17.923 ug/ml

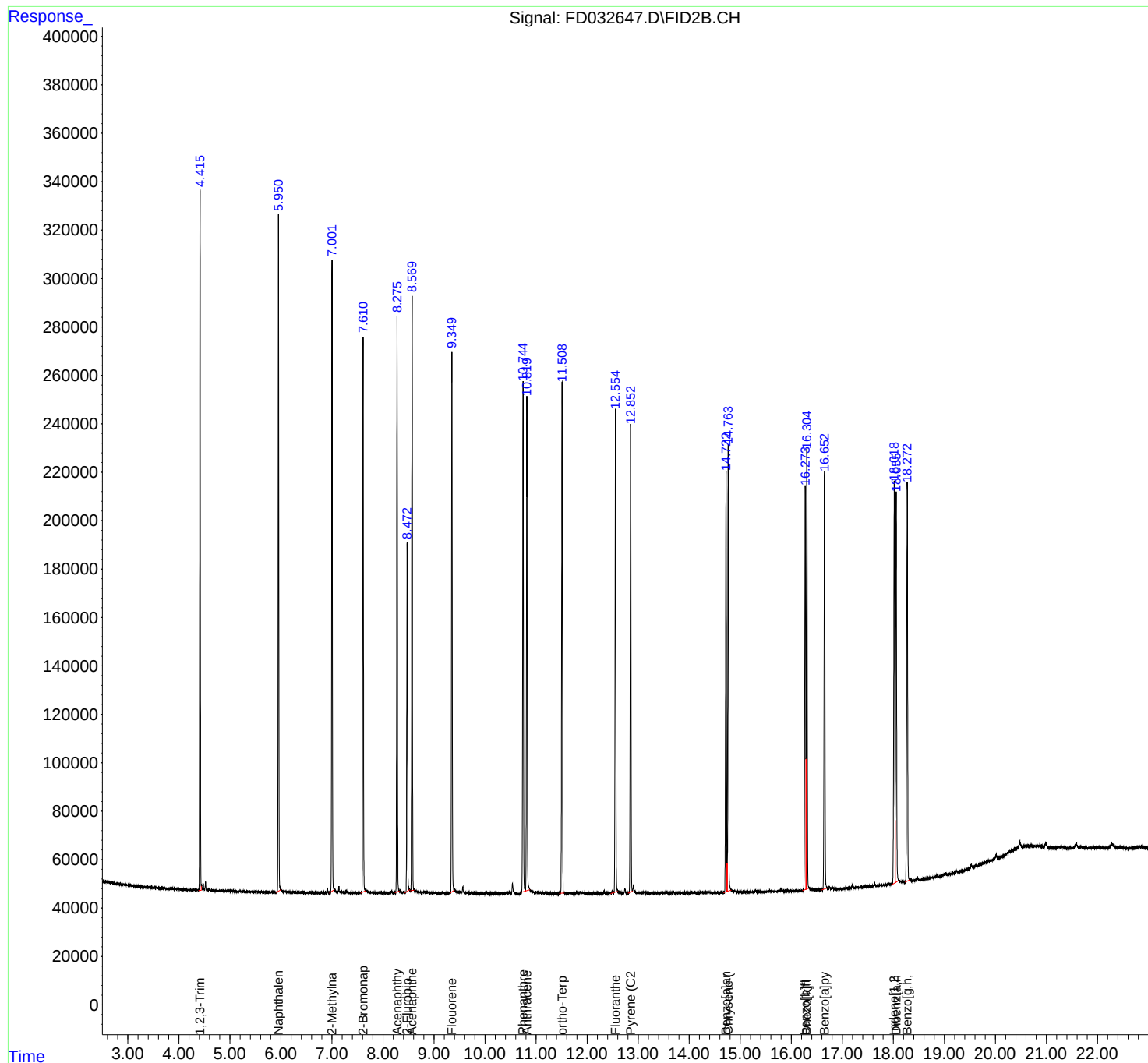
(f)=RT Delta > 1/2 Window

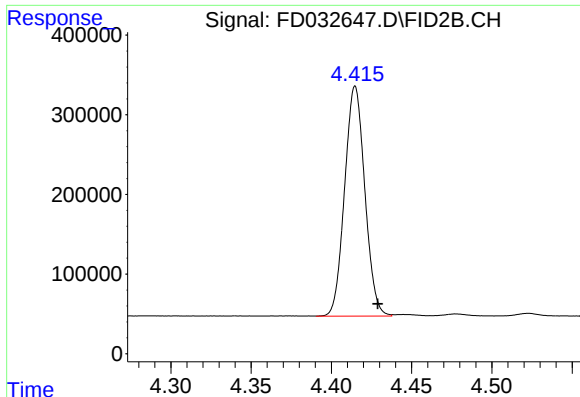
(m)=manual int.

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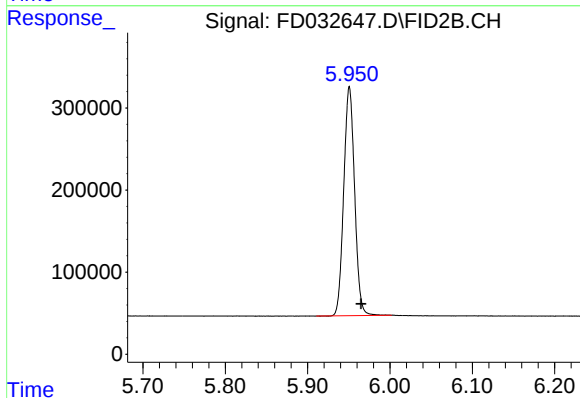
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Signal Info : 20M x 0.18mm x 0.18µm





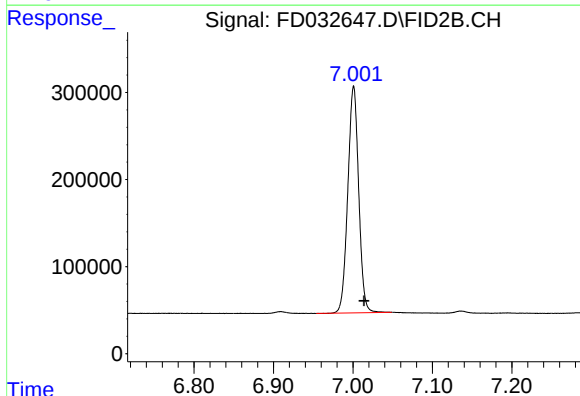
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.014 min
Response: 2531520
Conc: 19.03 ug/ml m



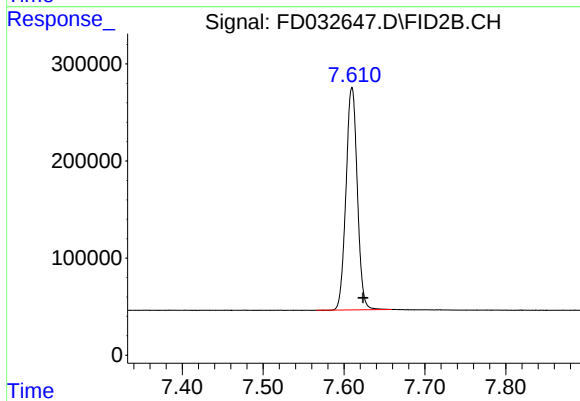
#2 Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.014 min
Response: 2558366
Conc: 18.01 ug/ml



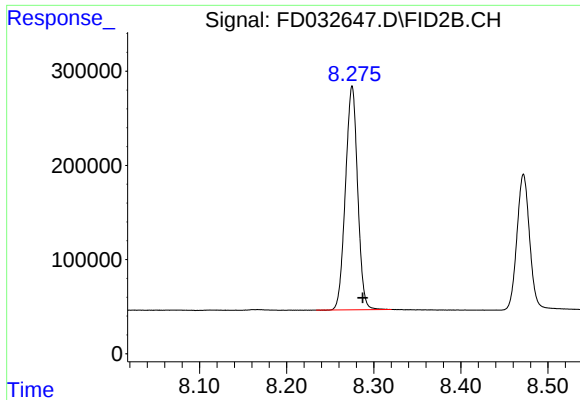
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.013 min
Response: 2473683
Conc: 17.43 ug/ml



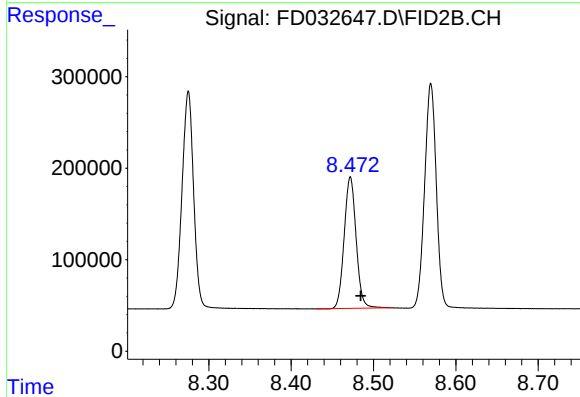
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.014 min
Response: 2233224
Conc: 17.28 ug/ml



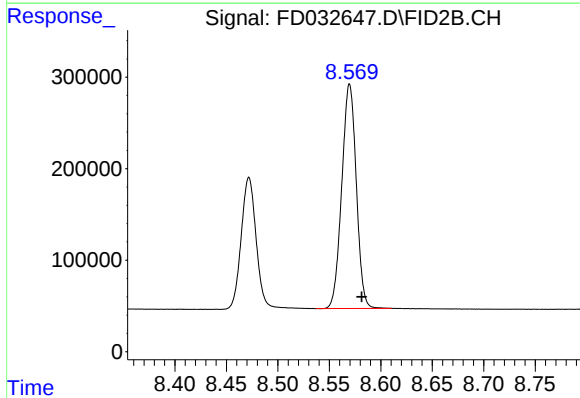
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min
Delta R.T.: -0.012 min
Response: 2310760
Conc: 16.89 ug/ml



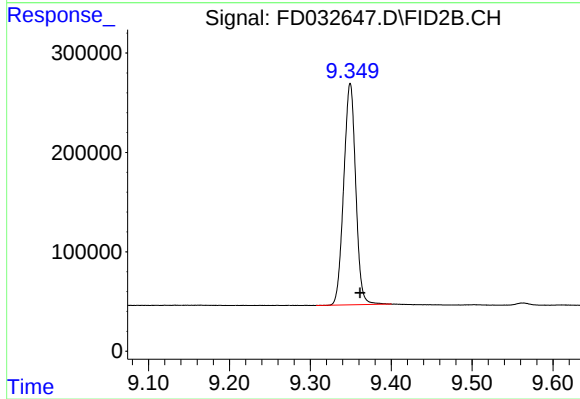
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1445506
Conc: 16.37 ug/ml



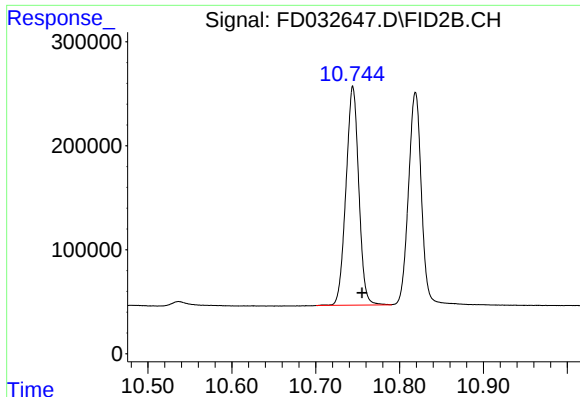
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 2407694
Conc: 17.05 ug/ml



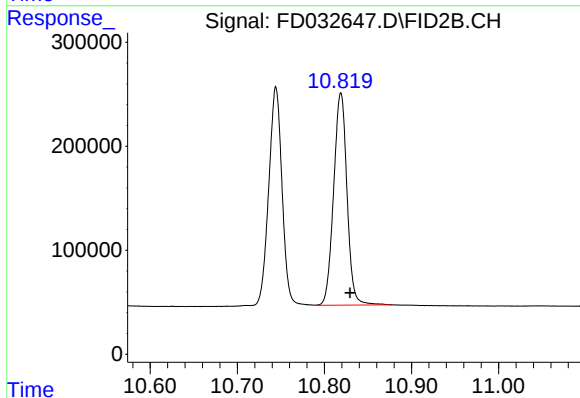
#8 Flouorene (C16.55)

R.T.: 9.349 min
Delta R.T.: -0.012 min
Response: 2292213
Conc: 16.35 ug/ml



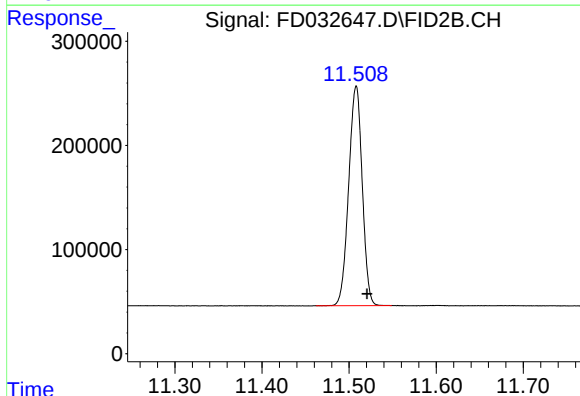
#9 Phenanthrene (C19.36)

R.T.: 10.744 min
Delta R.T.: -0.011 min
Response: 2228080
Conc: 15.94 ug/ml



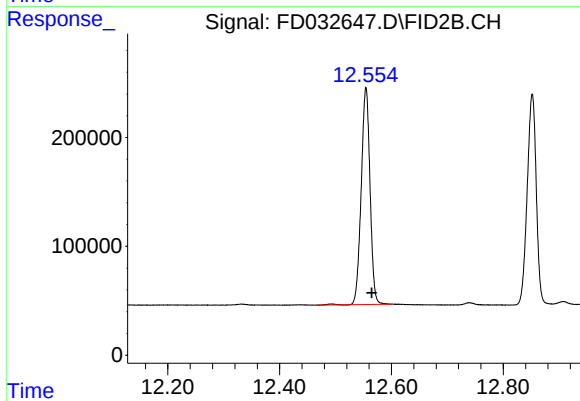
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: -0.010 min
Response: 2176563
Conc: 15.55 ug/ml



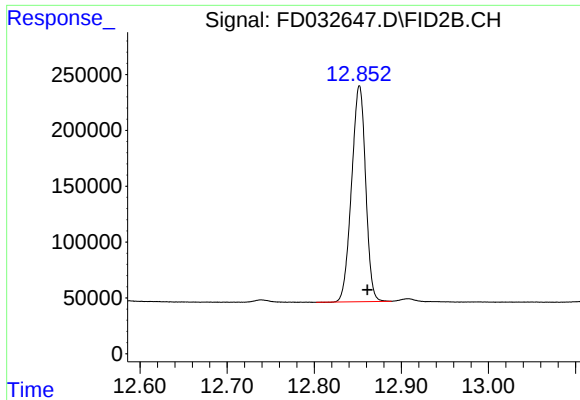
#11 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.012 min
Response: 2280043
Conc: 16.44 ug/ml



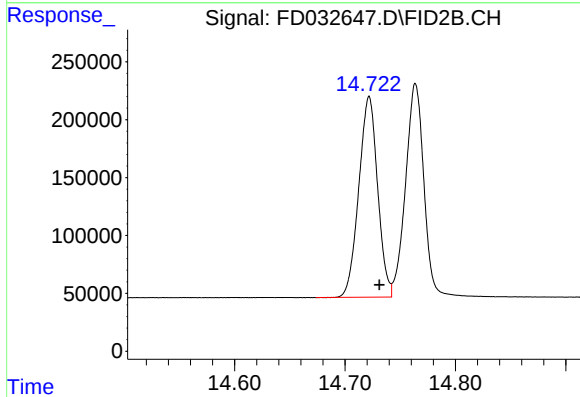
#12 Fluoranthene (C21.85)

R.T.: 12.555 min
Delta R.T.: -0.010 min
Response: 2185547
Conc: 15.58 ug/ml



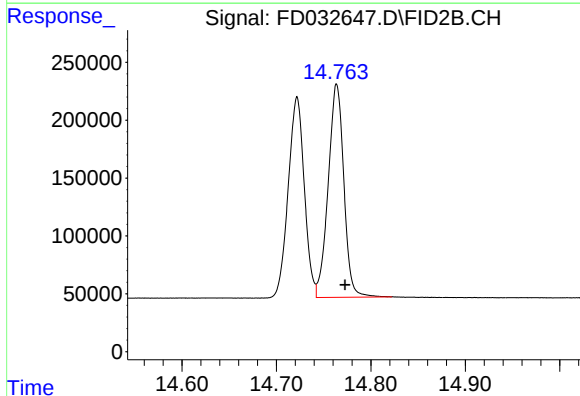
#13 Pyrene (C20.8)

R.T.: 12.852 min
Delta R.T.: -0.009 min
Response: 2164466
Conc: 15.74 ug/ml



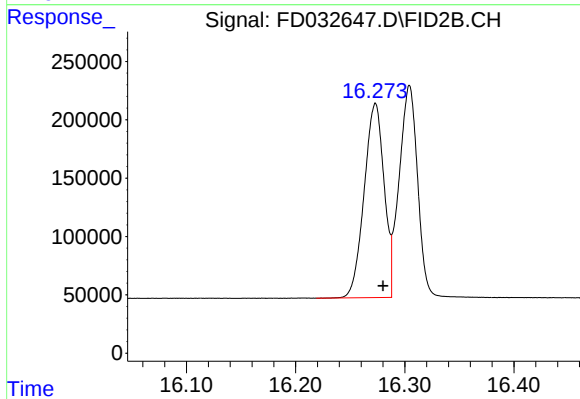
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: -0.009 min
Response: 2052029
Conc: 15.73 ug/ml



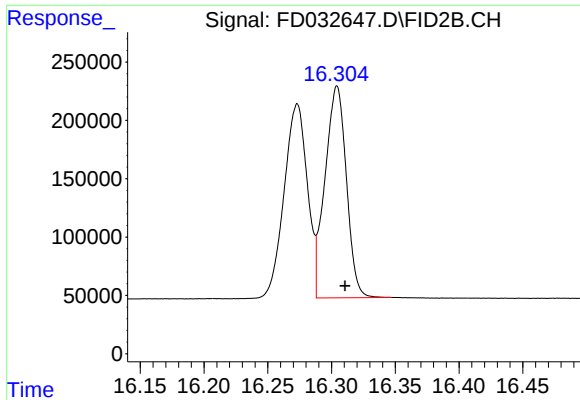
#15 Chrysene (C27.41)

R.T.: 14.764 min
Delta R.T.: -0.009 min
Response: 2119317
Conc: 15.74 ug/ml



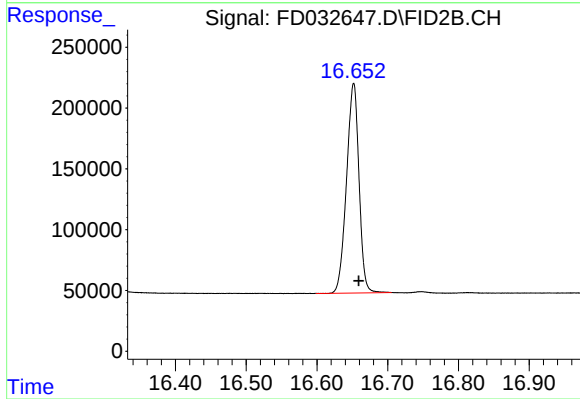
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.273 min
Delta R.T.: -0.007 min
Response: 2111611
Conc: 16.46 ug/ml



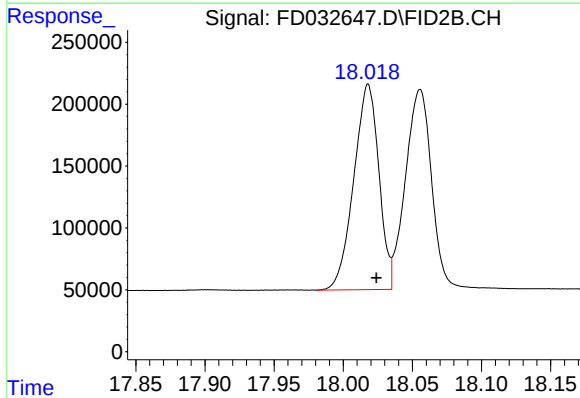
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 2124508
Conc: 16.18 ug/ml



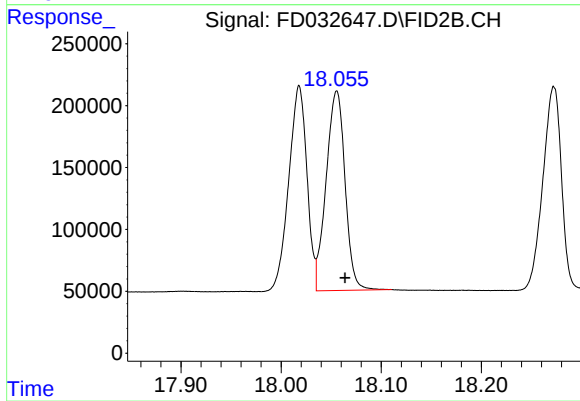
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.007 min
Response: 2111557
Conc: 16.58 ug/ml



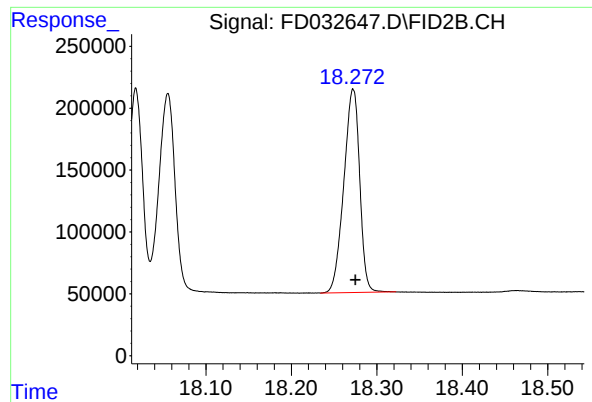
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min
Delta R.T.: -0.006 min
Response: 2093058
Conc: 17.56 ug/ml



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

R.T.: 18.056 min
Delta R.T.: -0.008 min
Response: 2115070
Conc: 16.73 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.003 min
Response: 2118864
Conc: 17.92 ug/ml