

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020320AR\
 Data File : FD032264.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2020 12:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 04 00:10:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.632	2289859	20.370 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
6) S 2-Fluorobiphenyl (SURR)	8.495	1525083	19.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.13%
11) S ortho-Terphenyl (SURR)	11.534	2349805	18.932 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.432	2473201	21.837 ug/mlm
2) T Naphthalene (C11.7)	5.972	2573374	21.156 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	2522273	20.594 ug/ml
5) T Acenaphthylene (C15.06)	8.299	2350287	19.636 ug/ml
7) T Acenaphthene (C15.5)	8.594	2451386	19.823 ug/ml
8) T Flouorene (C16.55)	9.374	2400028	19.216 ug/ml
9) T Phenanthrene (C19.36)	10.770	2324255	18.410 ug/ml
10) T Anthracene (C19.43)	10.844	1917920	15.319 ug/ml
12) T Fluoranthene (C21.85)	12.582	2313934	18.079 ug/ml
13) T Pyrene (C20.8)	12.879	2284892	18.154 ug/ml
14) T Benzo[a]anthracene (C...	14.750	2175218	17.813 ug/ml
15) T Chrysene (C27.41)	14.793	2227958	18.104 ug/ml
16) T benzo[b]fluoranthene ...	16.302	2252123	18.651 ug/ml
17) T Bnezo[k]fluoranthene ...	16.334	2244877	18.555 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.682	2231086	18.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	2209211	19.229 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	2233524	19.100 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.303	2204421	19.347 ug/ml

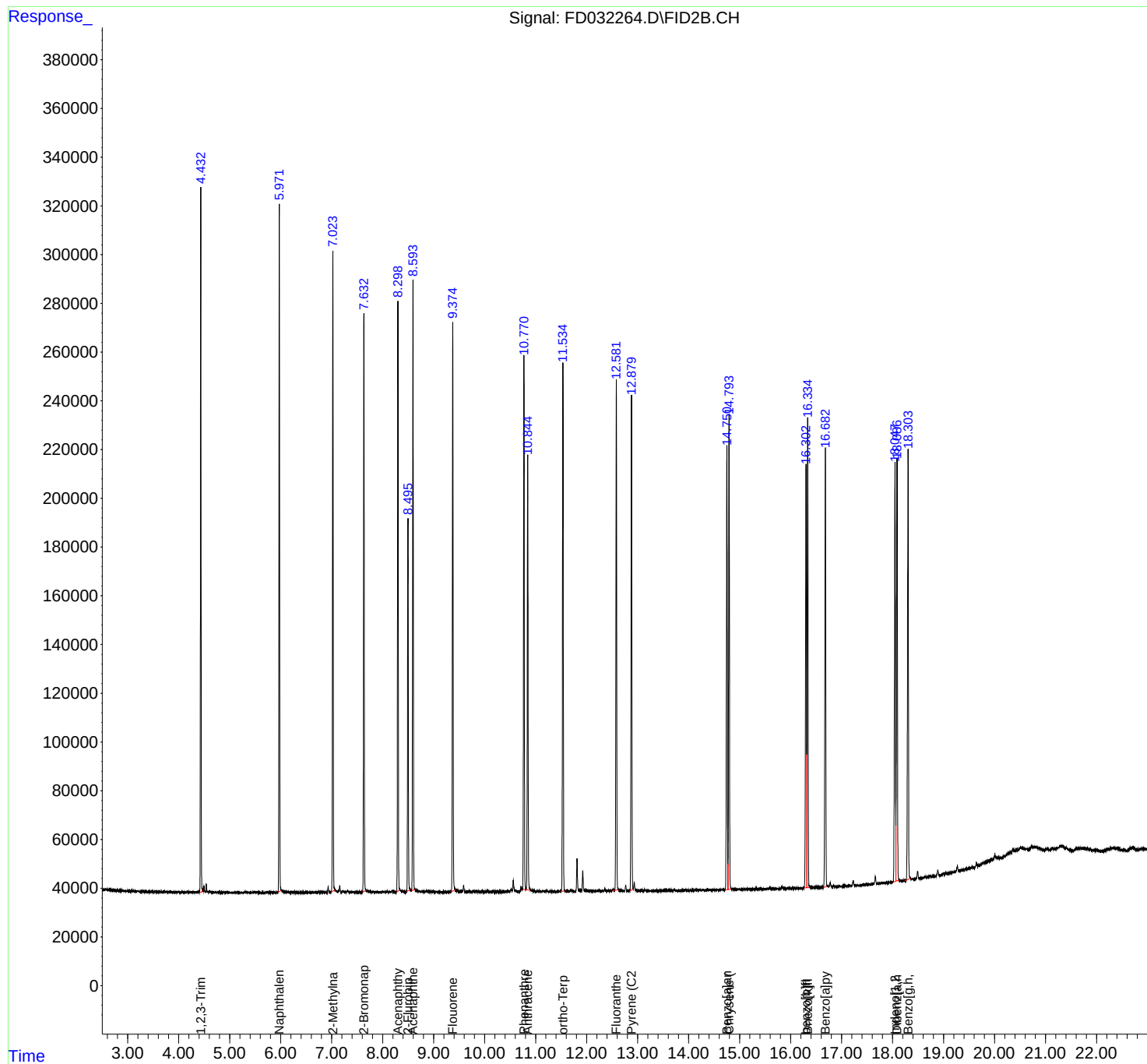
(f)=RT Delta > 1/2 Window

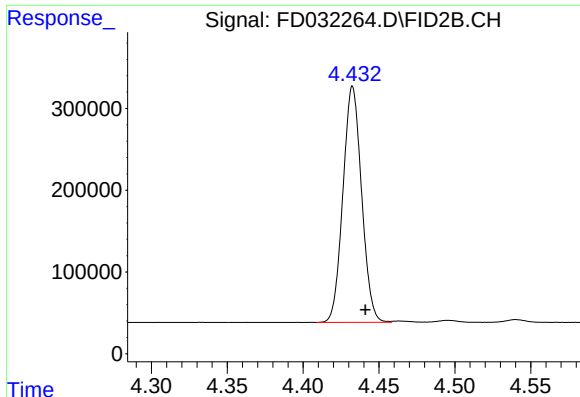
(m)=manual int.

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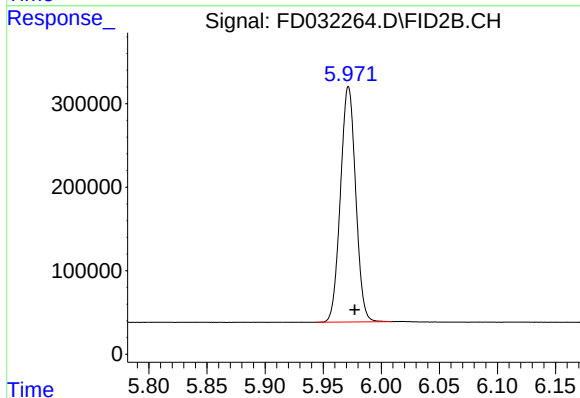
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Signal Info : 20M x 0.18mm x 0.18µm





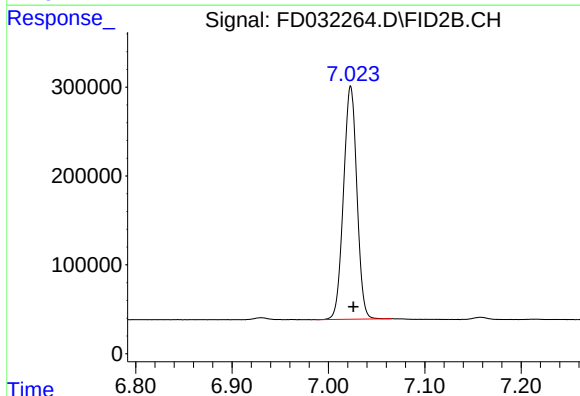
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.432 min
Delta R.T.: -0.009 min
Response: 2473201
Conc: 21.84 ug/ml m



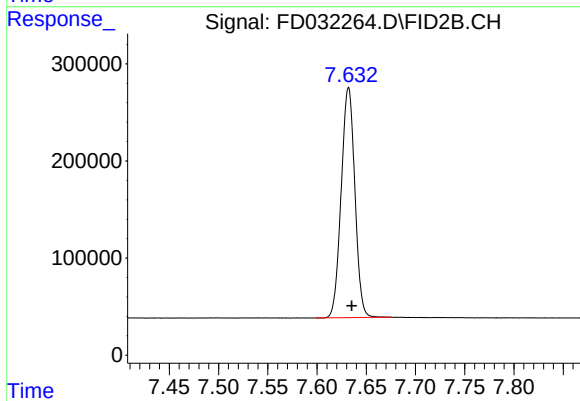
#2 Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 2573374
Conc: 21.16 ug/ml



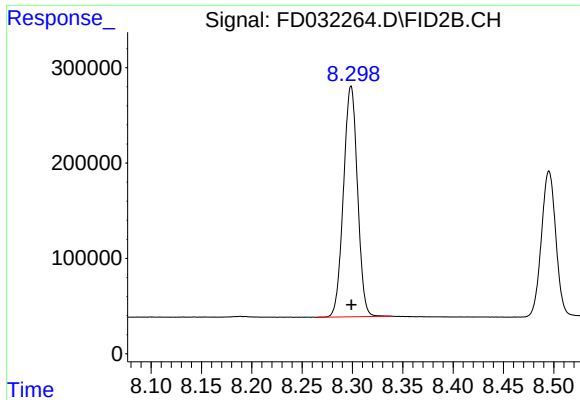
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 2522273
Conc: 20.59 ug/ml



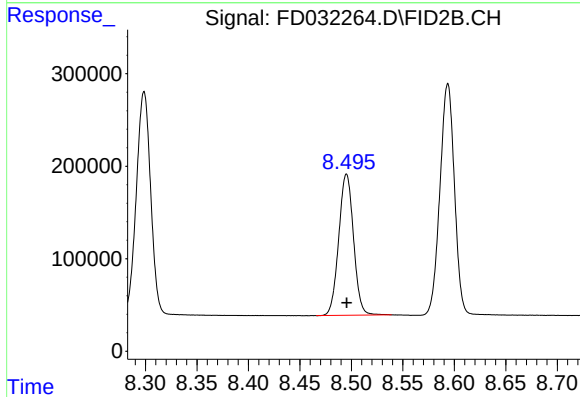
#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 2289859
Conc: 20.37 ug/ml



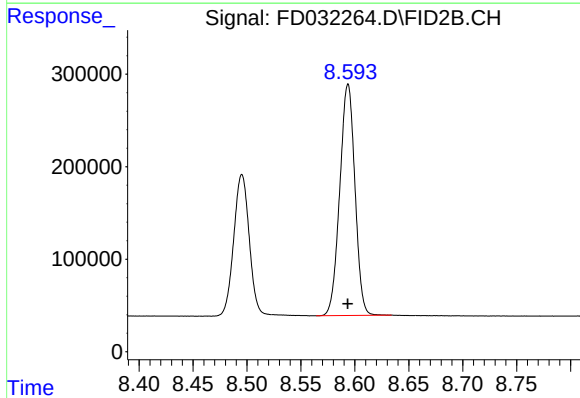
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2350287
Conc: 19.64 ug/ml



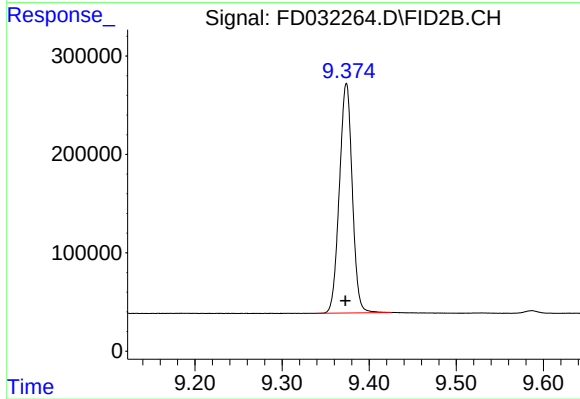
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1525083
Conc: 19.57 ug/ml



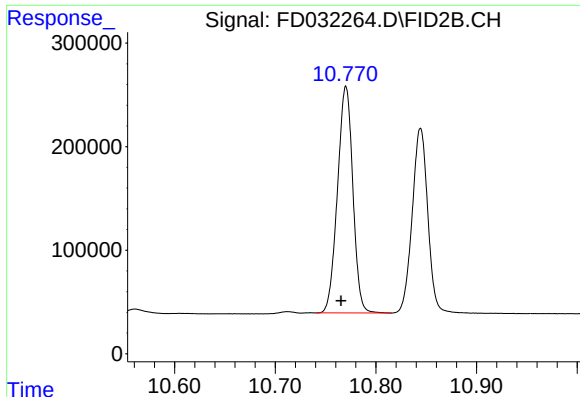
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 2451386
Conc: 19.82 ug/ml



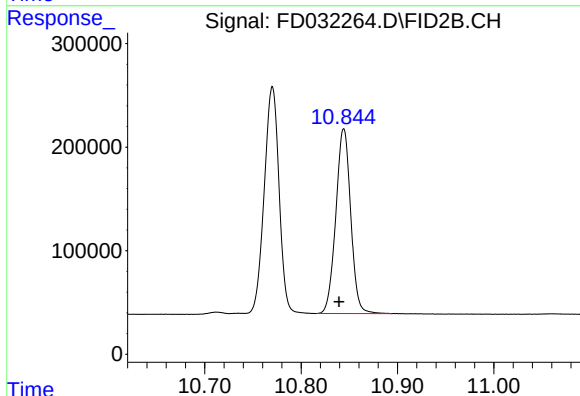
#8 Fluorene (C16.55)

R.T.: 9.374 min
Delta R.T.: 0.001 min
Response: 2400028
Conc: 19.22 ug/ml



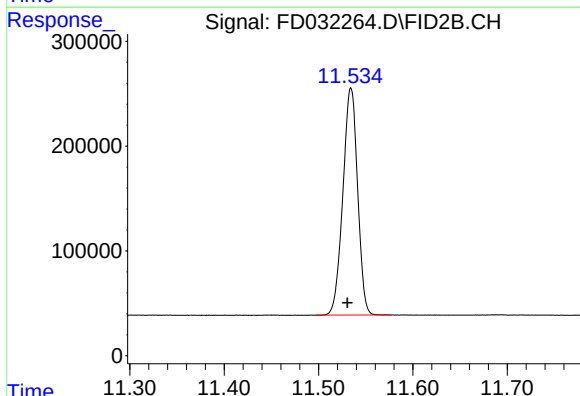
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: 0.005 min
Response: 2324255
Conc: 18.41 ug/ml



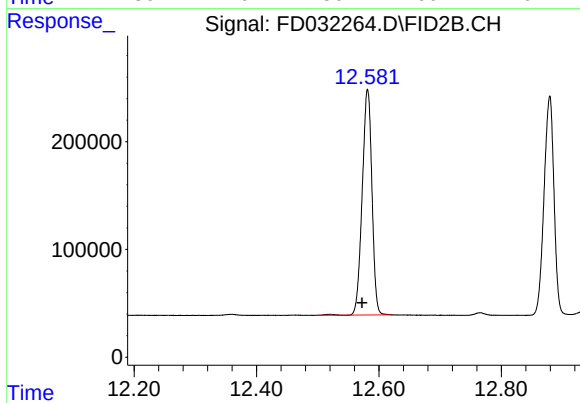
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: 0.005 min
Response: 1917920
Conc: 15.32 ug/ml



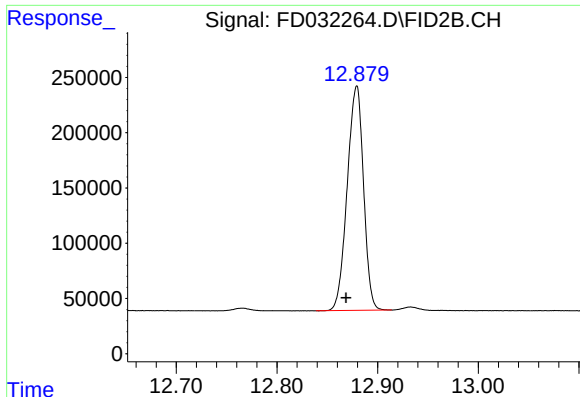
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.004 min
Response: 2349805
Conc: 18.93 ug/ml



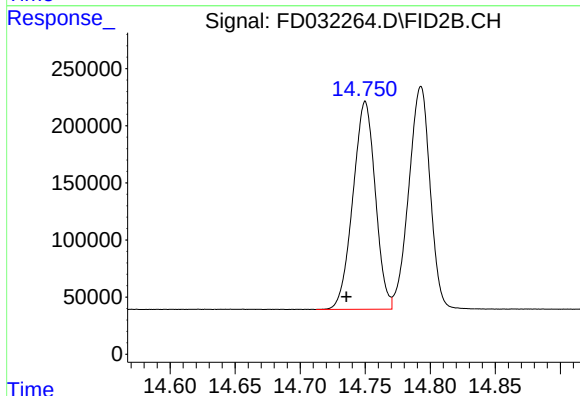
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.009 min
Response: 2313934
Conc: 18.08 ug/ml



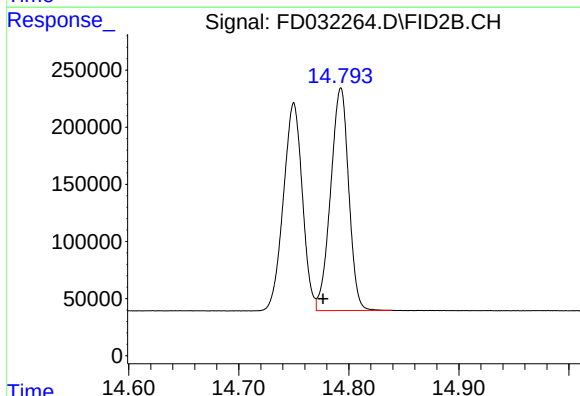
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.011 min
Response: 2284892
Conc: 18.15 ug/ml



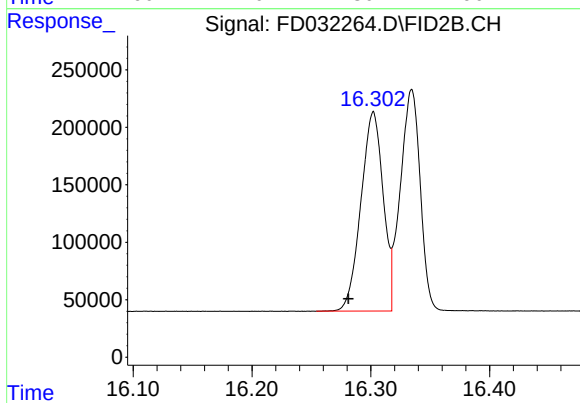
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: 0.015 min
Response: 2175218
Conc: 17.81 ug/ml



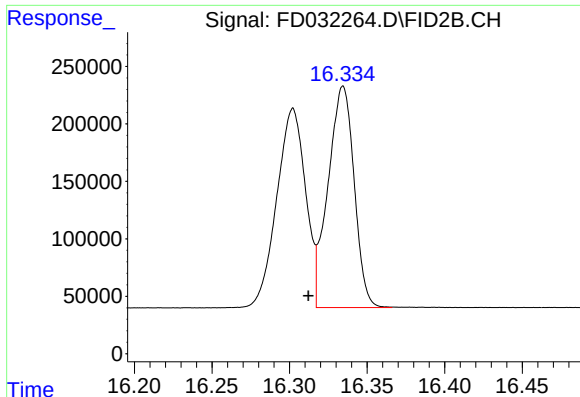
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: 0.016 min
Response: 2227958
Conc: 18.10 ug/ml



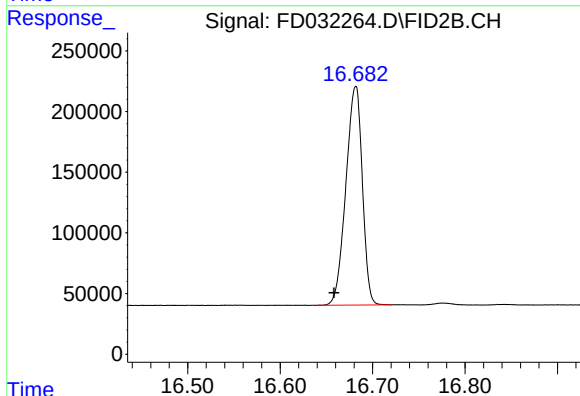
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.302 min
Delta R.T.: 0.021 min
Response: 2252123
Conc: 18.65 ug/ml



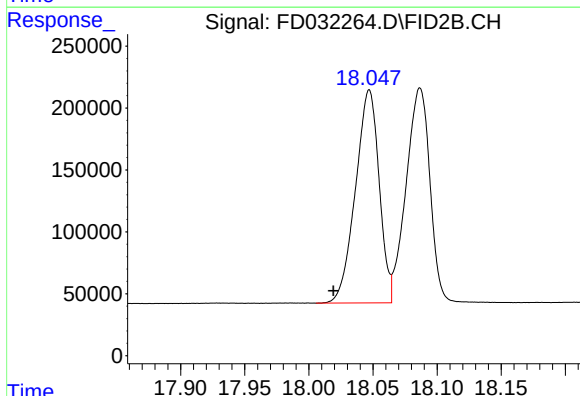
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.334 min
Delta R.T.: 0.022 min
Response: 2244877
Conc: 18.55 ug/ml m



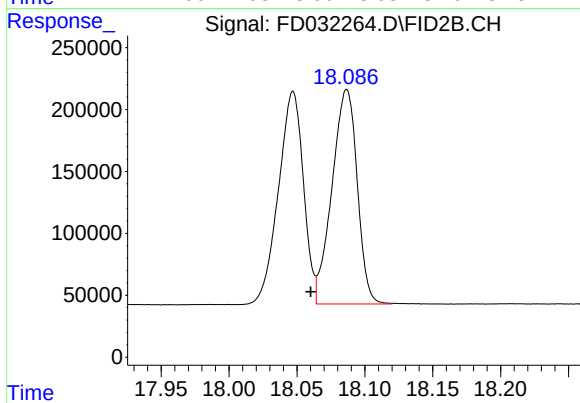
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: 0.023 min
Response: 2231086
Conc: 18.68 ug/ml



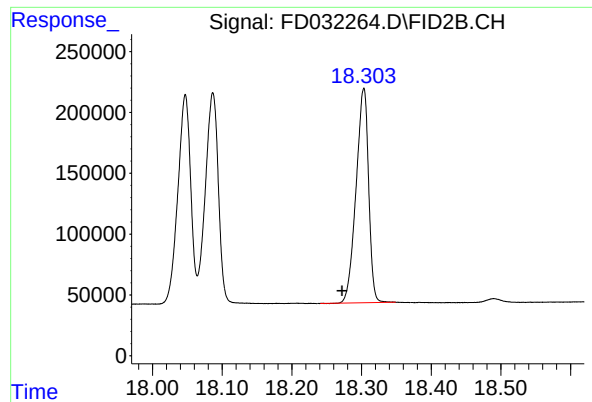
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: 0.028 min
Response: 2209211
Conc: 19.23 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.026 min
Response: 2233524
Conc: 19.10 ug/ml m



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

R.T.: 18.303 min
Delta R.T.: 0.031 min
Response: 2204421
Conc: 19.35 ug/ml