

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032420AR\
 Data File : FD032735.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2020 11:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 25 01:07:35 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	2392052	18.508 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
6) S 2-Fluorobiphenyl (SURR)	8.472	1536346	17.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.81%
11) S ortho-Terphenyl (SURR)	11.506	2416778	17.430 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	2641043	19.855 ug/ml
2) T Naphthalene (C11.7)	5.952	2734661	19.247 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	2641548	18.609 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2467715	18.040 ug/ml
7) T Acenaphthene (C15.5)	8.569	2575846	18.244 ug/ml
8) T Fluorene (C16.55)	9.348	2437185	17.386 ug/ml
9) T Phenanthrene (C19.36)	10.742	2359905	16.887 ug/ml
10) T Anthracene (C19.43)	10.817	2277013	16.264 ug/ml
12) T Fluoranthene (C21.85)	12.552	2321744	16.554 ug/ml
13) T Pyrene (C20.8)	12.849	2293452	16.680 ug/ml
14) T Benzo[a]anthracene (C...	14.719	2204946	16.897 ug/ml
15) T Chrysene (C27.41)	14.761	2288168	16.997 ug/ml
16) T benzo[b]fluoranthene ...	16.270	2293763	17.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	2304978	17.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	2278050	17.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	2243261	18.825 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	2324880	18.387 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	2269585	19.198 ug/ml

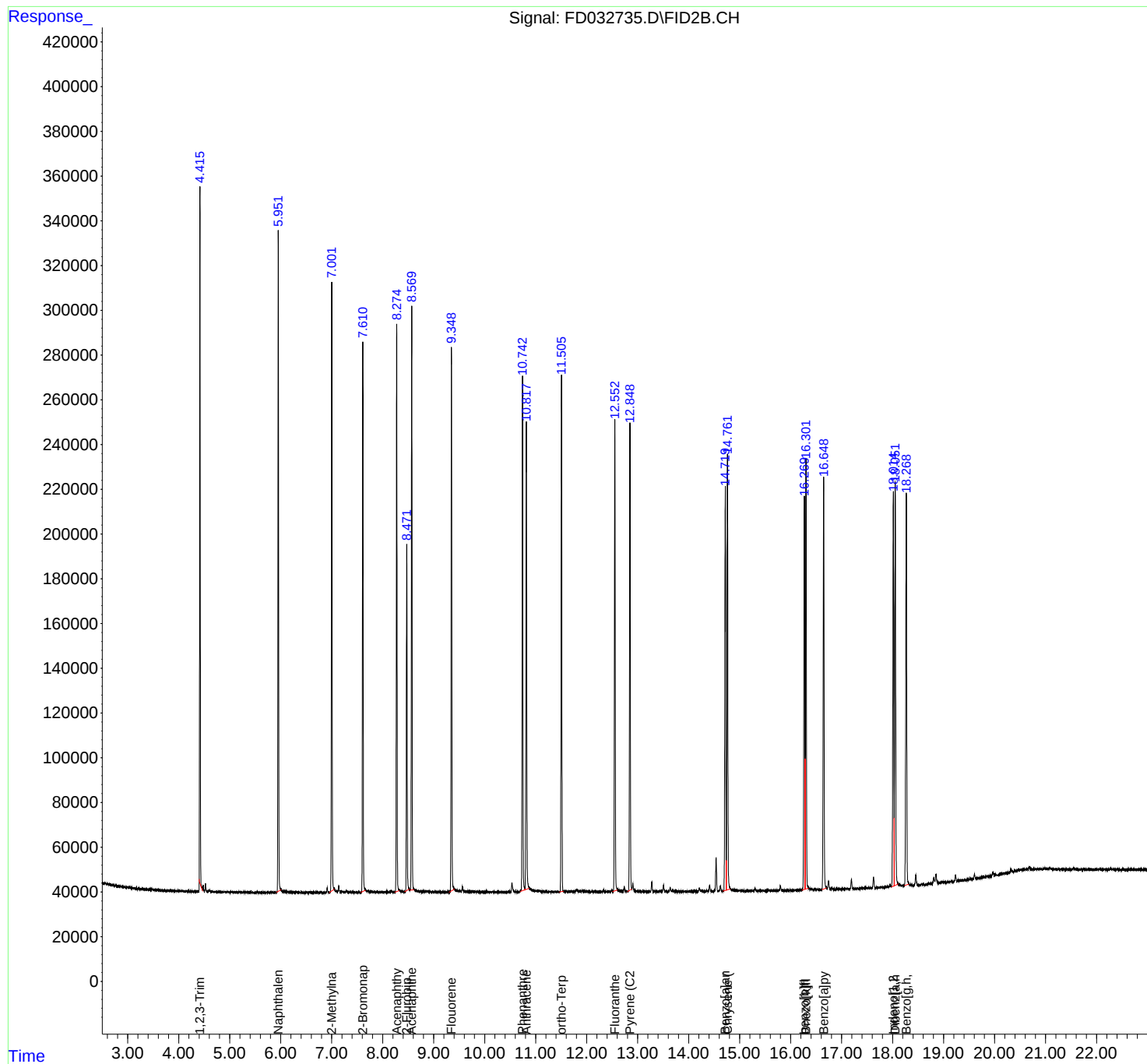
(f)=RT Delta > 1/2 Window

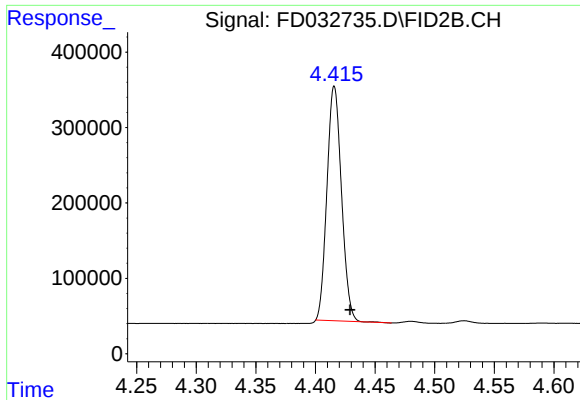
(m)=manual int.

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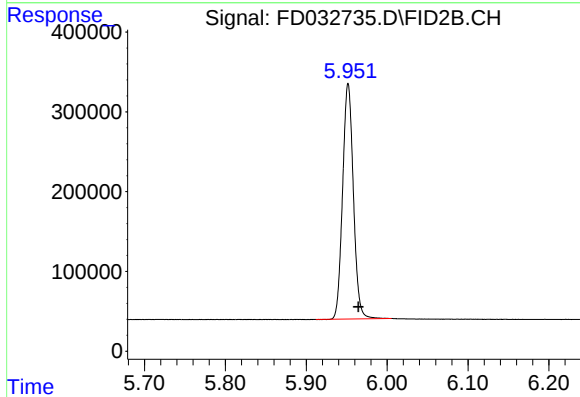
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Signal Info : 20M x 0.18mm x 0.18µm





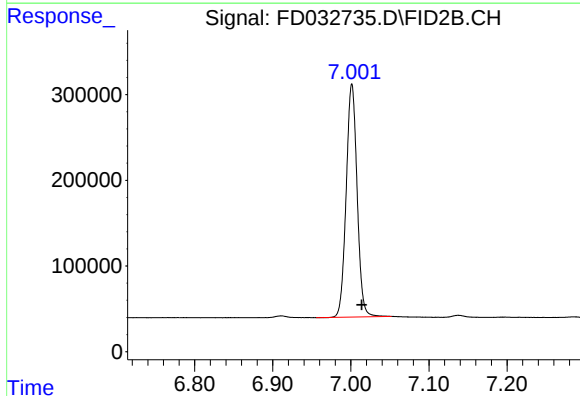
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.013 min
Response: 2641043
Conc: 19.85 ug/ml



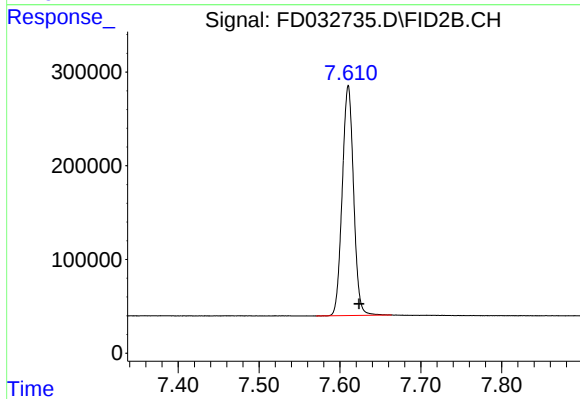
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 2734661
Conc: 19.25 ug/ml



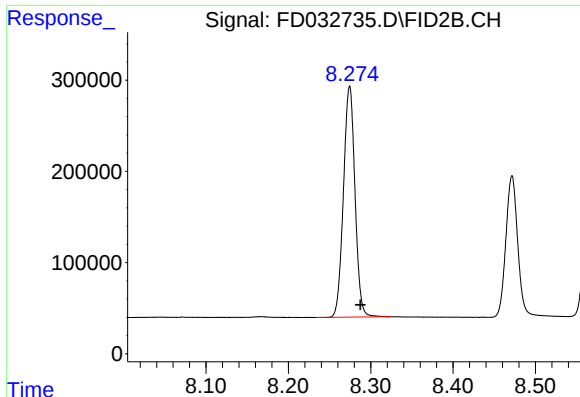
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.013 min
Response: 2641548
Conc: 18.61 ug/ml



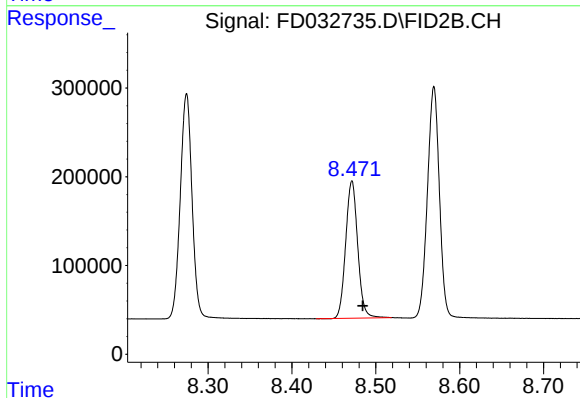
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.013 min
Response: 2392052
Conc: 18.51 ug/ml



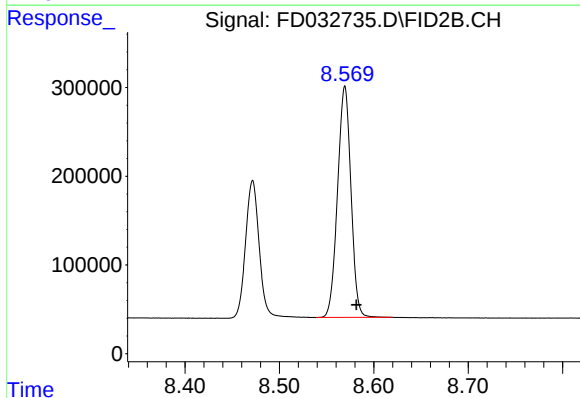
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.013 min
Response: 2467715
Conc: 18.04 ug/ml



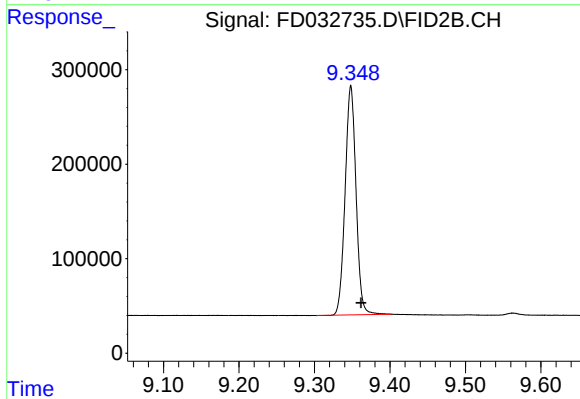
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1536346
Conc: 17.40 ug/ml



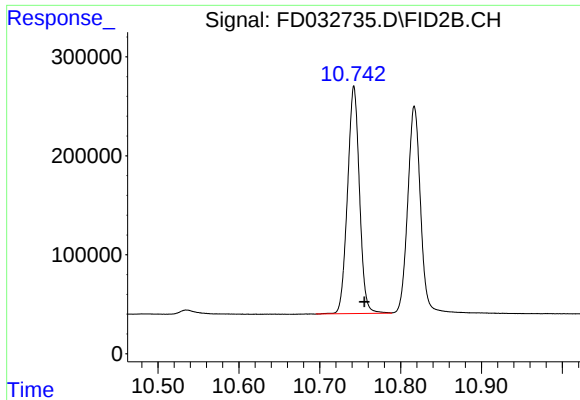
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.012 min
Response: 2575846
Conc: 18.24 ug/ml



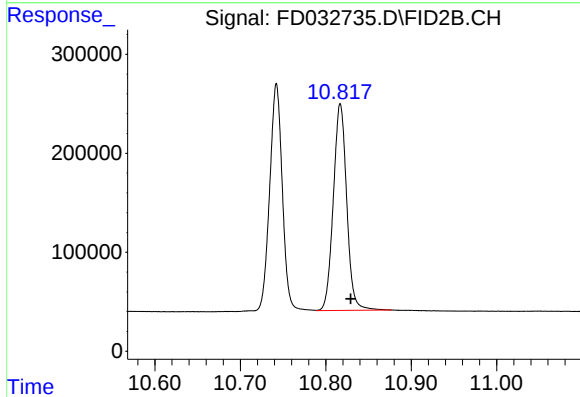
#8 Fluorene (C16.55)

R.T.: 9.348 min
Delta R.T.: -0.013 min
Response: 2437185
Conc: 17.39 ug/ml



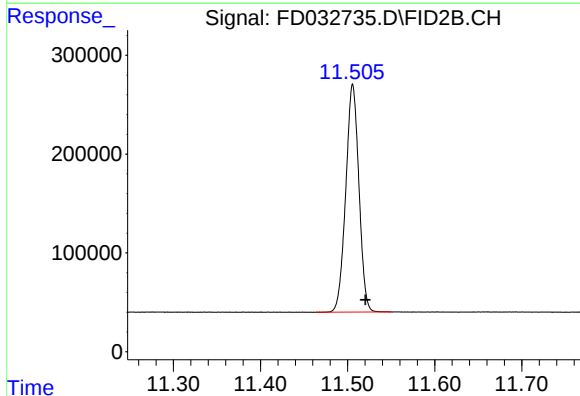
#9 Phenanthrene (C19.36)

R.T.: 10.742 min
Delta R.T.: -0.013 min
Response: 2359905
Conc: 16.89 ug/ml



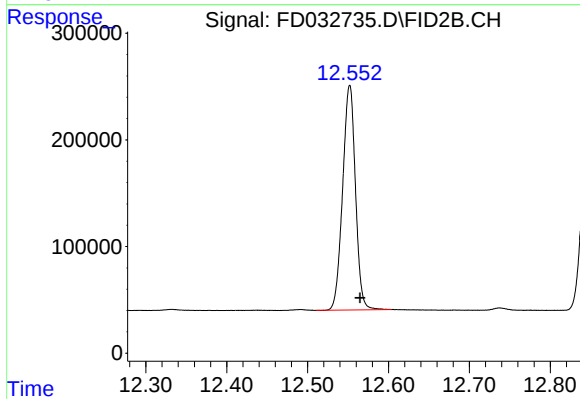
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.012 min
Response: 2277013
Conc: 16.26 ug/ml



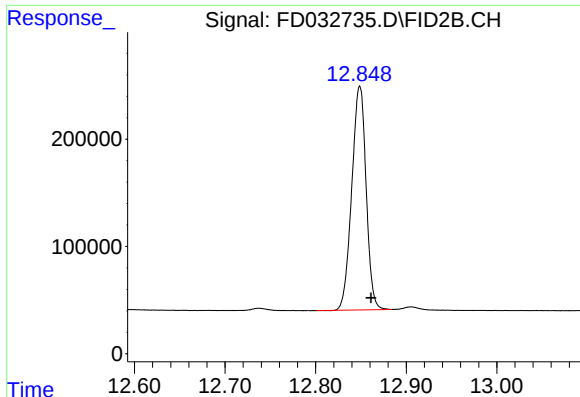
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.015 min
Response: 2416778
Conc: 17.43 ug/ml



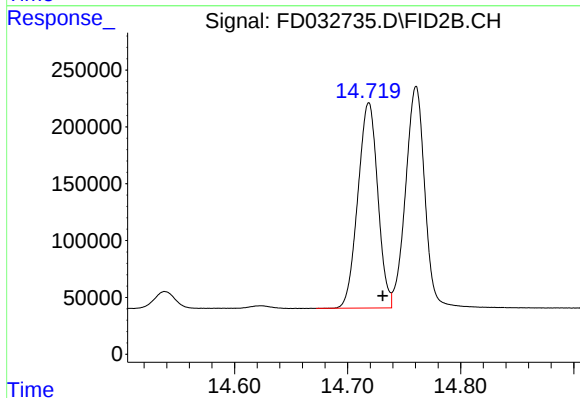
#12 Fluoranthene (C21.85)

R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 2321744
Conc: 16.55 ug/ml



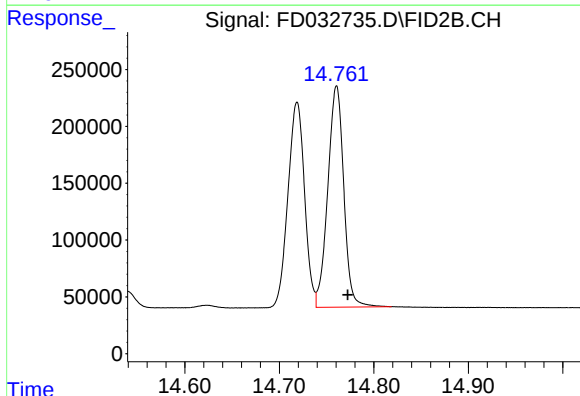
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: -0.012 min
Response: 2293452
Conc: 16.68 ug/ml



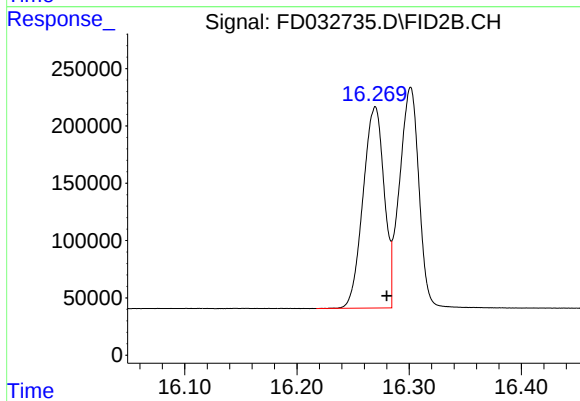
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: -0.012 min
Response: 2204946
Conc: 16.90 ug/ml



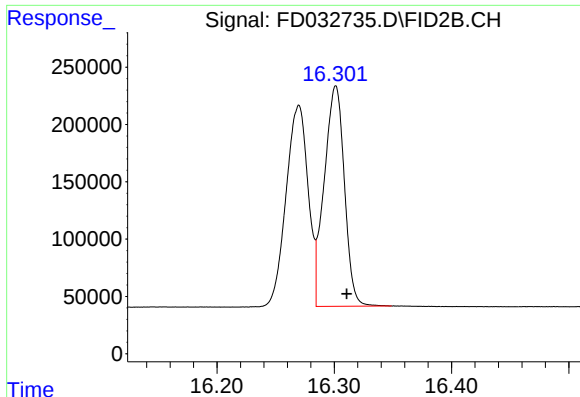
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: -0.012 min
Response: 2288168
Conc: 17.00 ug/ml



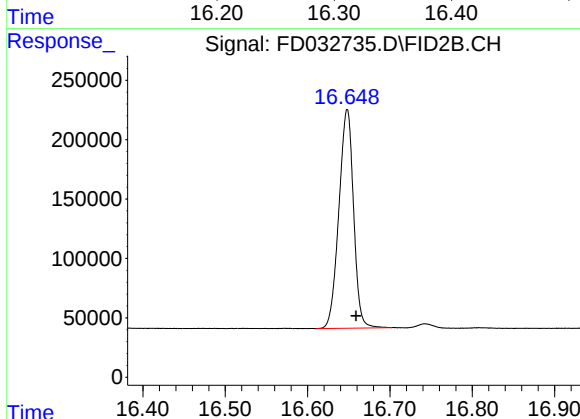
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.270 min
Delta R.T.: -0.010 min
Response: 2293763
Conc: 17.88 ug/ml



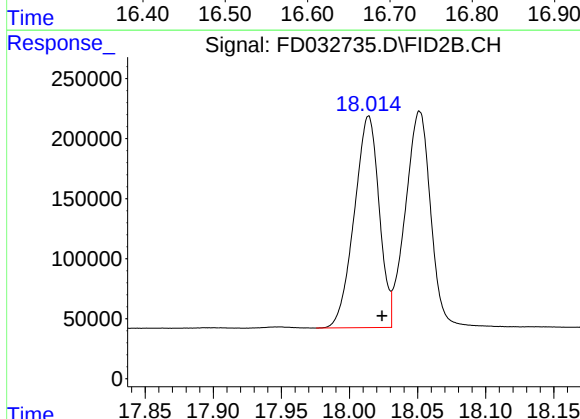
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.009 min
Response: 2304978
Conc: 17.56 ug/ml



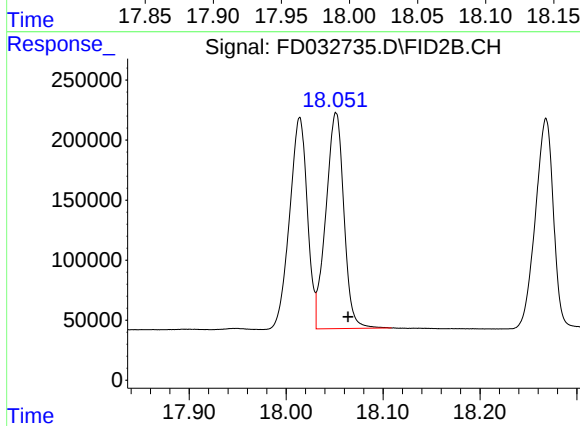
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: -0.011 min
Response: 2278050
Conc: 17.88 ug/ml



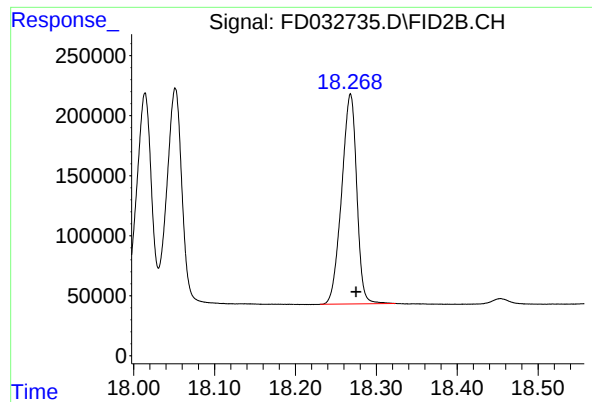
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: -0.010 min
Response: 2243261
Conc: 18.83 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.012 min
Response: 2324880
Conc: 18.39 ug/ml



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

R.T.: 18.268 min
Delta R.T.: -0.007 min
Response: 2269585
Conc: 19.20 ug/ml