

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040120AR\
 Data File : FD032762.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2020 10:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 15:43:04 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...	7.608	2783034	21.533 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
6) S 2-Fluorobiphenyl (SURR)	8.470	1792272	20.302 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.60%
11) S ortho-Terphenyl (SURR)	11.505	2788968	20.115 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	2906621	21.851 ug/ml
2) T Naphthalene (C11.7)	5.950	3196455	22.497 ug/ml
3) T 2-Methylnaphthalene (...)	7.000	3079797	21.696 ug/ml
5) T Acenaphthylene (C15.06)	8.273	2840165	20.763 ug/ml
7) T Acenaphthene (C15.5)	8.568	2979170	21.101 ug/ml
8) T Flouorene (C16.55)	9.347	2809868	20.044 ug/ml
9) T Phenanthrene (C19.36)	10.741	2717544	19.446 ug/ml
10) T Anthracene (C19.43)	10.815	2477960	17.699 ug/ml
12) T Fluoranthene (C21.85)	12.551	2670845	19.043 ug/ml
13) T Pyrene (C20.8)	12.847	2652690	19.293 ug/ml
14) T Benzo[a]anthracene (C...	14.718	2526350	19.360 ug/ml
15) T Chrysene (C27.41)	14.760	2662115	19.775 ug/ml
16) T benzo[b]fluoranthene ...	16.269	2690719	20.974 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	2679194	20.409 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	2634341	20.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	2579974	21.651 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	2685540	21.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2645026	22.374 ug/ml

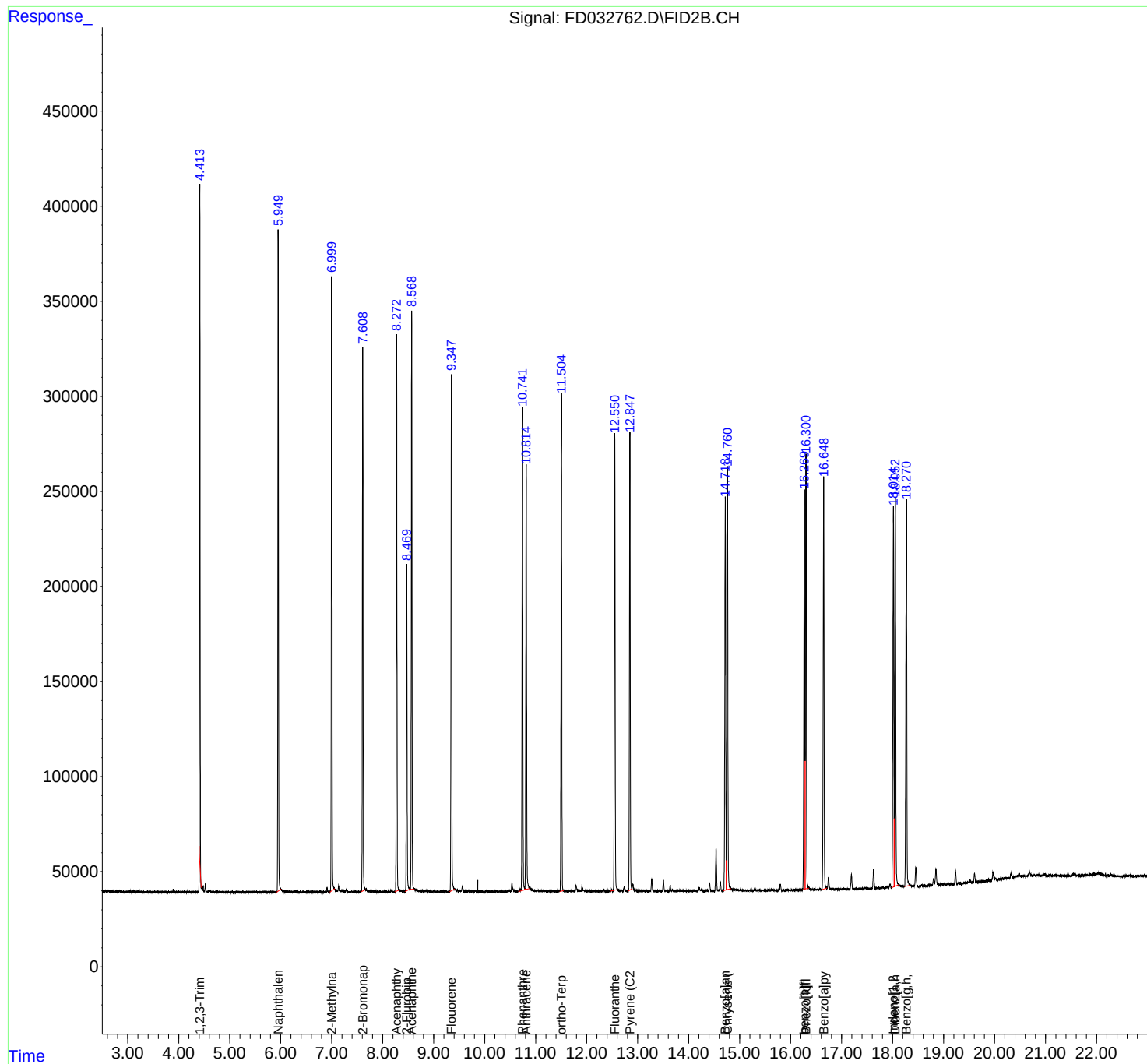
(f)=RT Delta > 1/2 Window

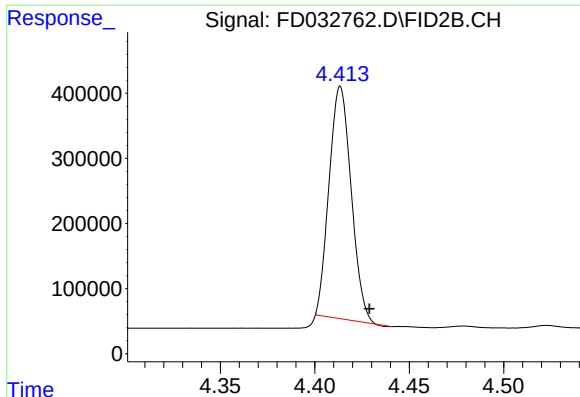
(m)=manual int.

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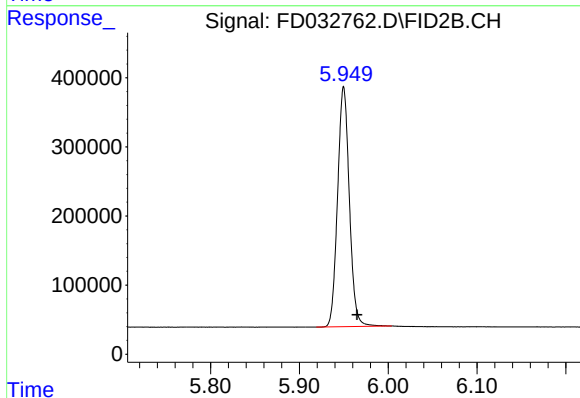
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





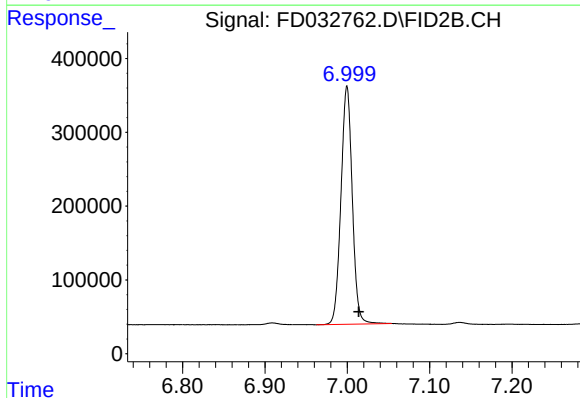
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.015 min
Response: 2906621
Conc: 21.85 ug/ml



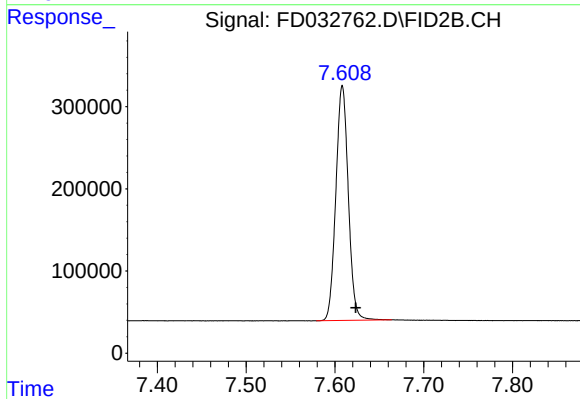
#2 Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.015 min
Response: 3196455
Conc: 22.50 ug/ml



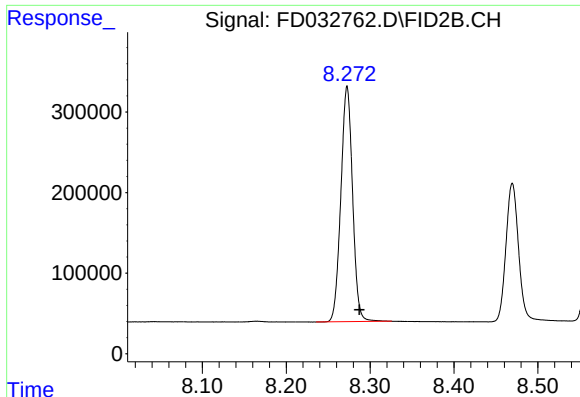
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.014 min
Response: 3079797
Conc: 21.70 ug/ml



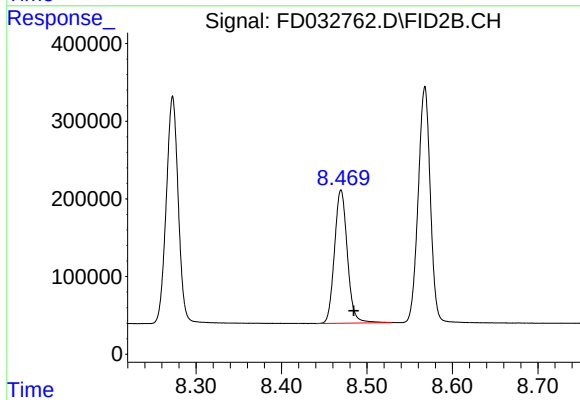
#4 2-Bromonaphthalene (SURR)

R.T.: 7.608 min
Delta R.T.: -0.015 min
Response: 2783034
Conc: 21.53 ug/ml



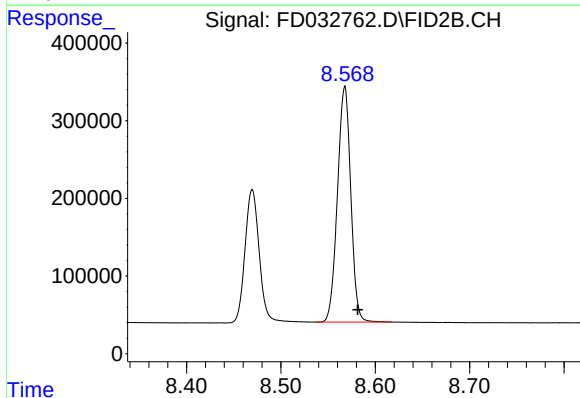
#5 Acenaphthylene (C15.06)

R.T.: 8.273 min
Delta R.T.: -0.015 min
Response: 2840165
Conc: 20.76 ug/ml



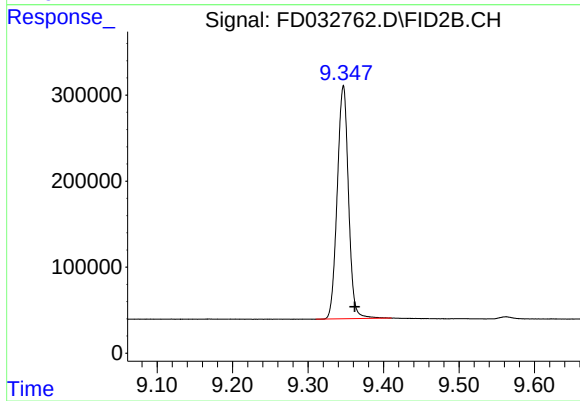
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.470 min
Delta R.T.: -0.015 min
Response: 1792272
Conc: 20.30 ug/ml



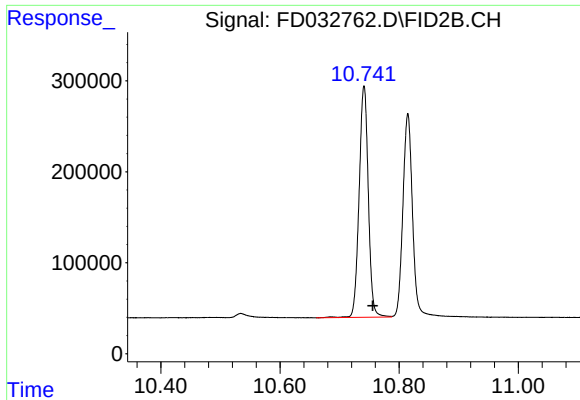
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: -0.014 min
Response: 2979170
Conc: 21.10 ug/ml



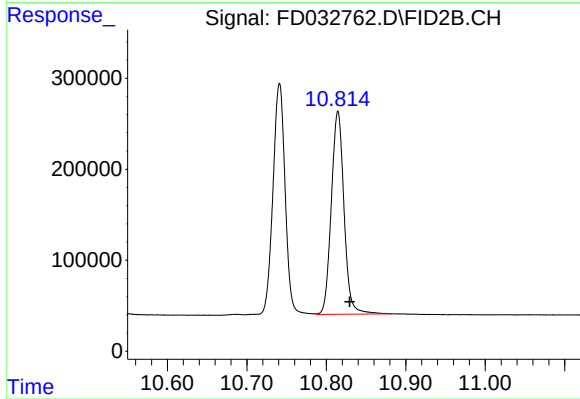
#8 Flouorene (C16.55)

R.T.: 9.347 min
Delta R.T.: -0.015 min
Response: 2809868
Conc: 20.04 ug/ml



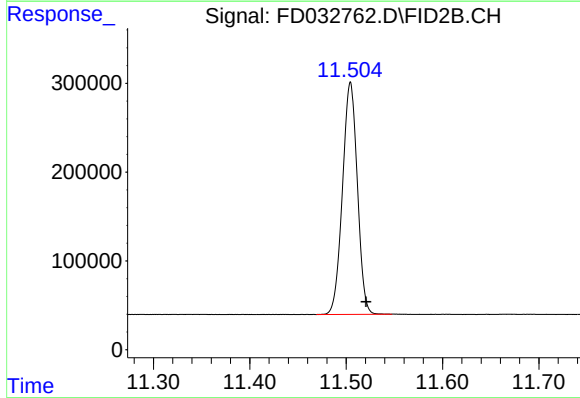
#9 Phenanthrene (C19.36)

R.T.: 10.741 min
Delta R.T.: -0.014 min
Response: 2717544
Conc: 19.45 ug/ml



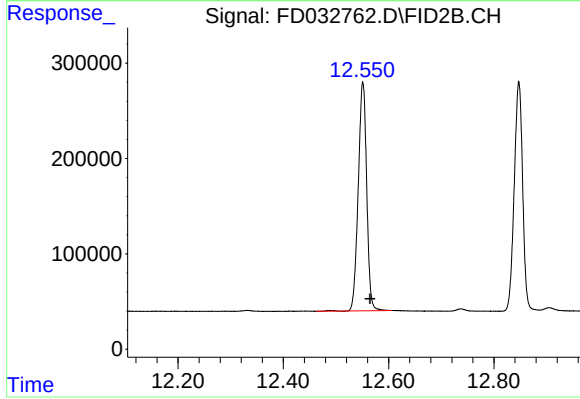
#10 Anthracene (C19.43)

R.T.: 10.815 min
Delta R.T.: -0.015 min
Response: 2477960
Conc: 17.70 ug/ml



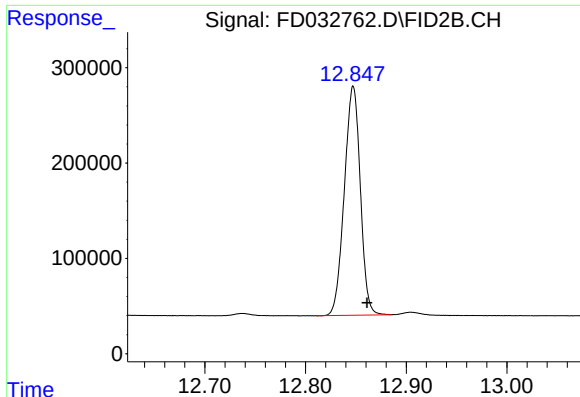
#11 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: -0.016 min
Response: 2788968
Conc: 20.11 ug/ml



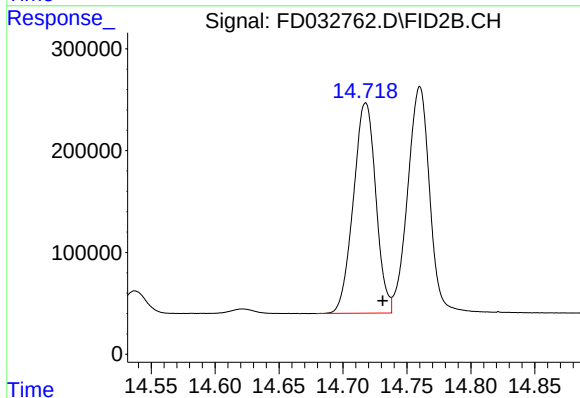
#12 Fluoranthene (C21.85)

R.T.: 12.551 min
Delta R.T.: -0.014 min
Response: 2670845
Conc: 19.04 ug/ml



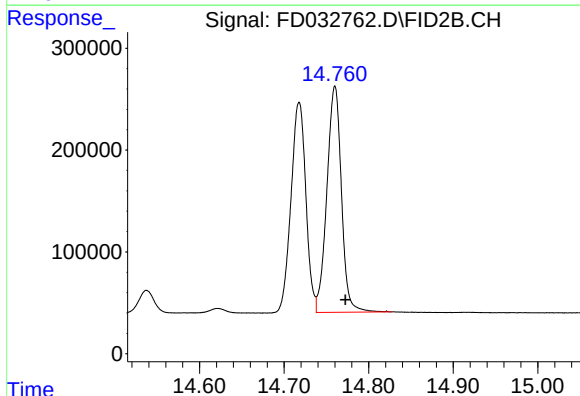
#13 Pyrene (C20.8)

R.T.: 12.847 min
Delta R.T.: -0.014 min
Response: 2652690
Conc: 19.29 ug/ml



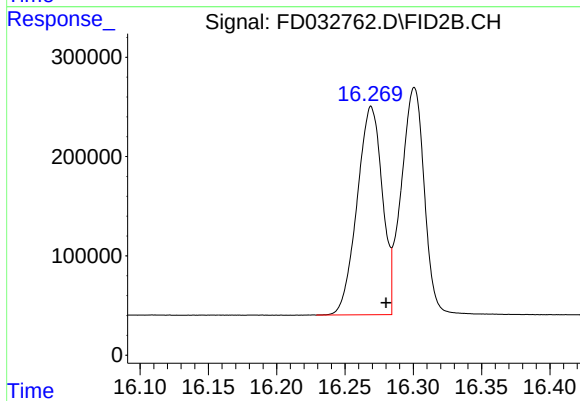
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.718 min
Delta R.T.: -0.013 min
Response: 2526350
Conc: 19.36 ug/ml



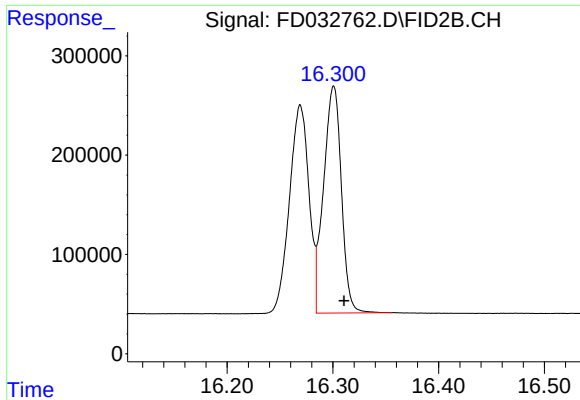
#15 Chrysene (C27.41)

R.T.: 14.760 min
Delta R.T.: -0.012 min
Response: 2662115
Conc: 19.78 ug/ml



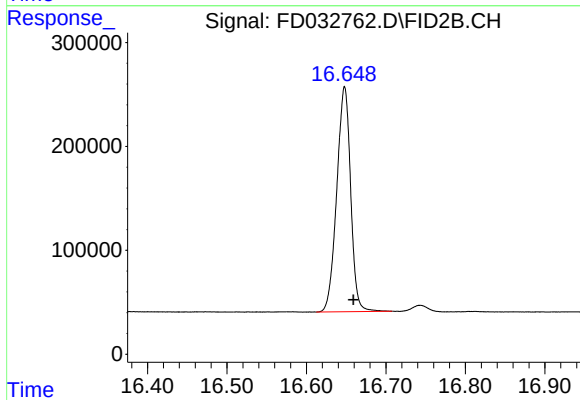
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.269 min
Delta R.T.: -0.011 min
Response: 2690719
Conc: 20.97 ug/ml



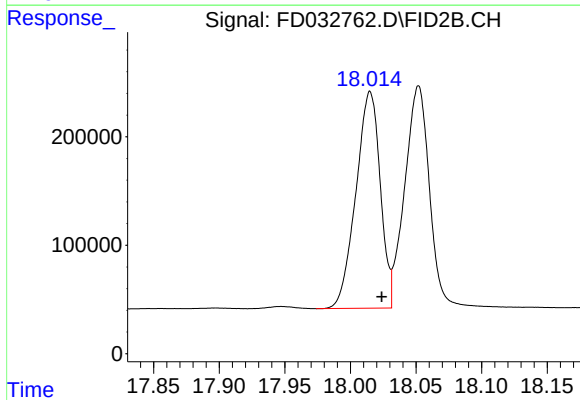
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.010 min
Response: 2679194
Conc: 20.41 ug/ml



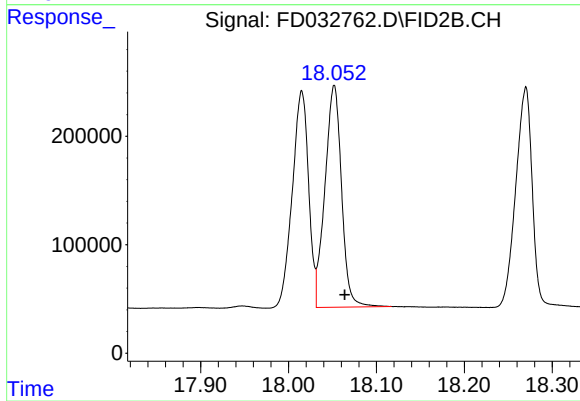
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: -0.011 min
Response: 2634341
Conc: 20.68 ug/ml



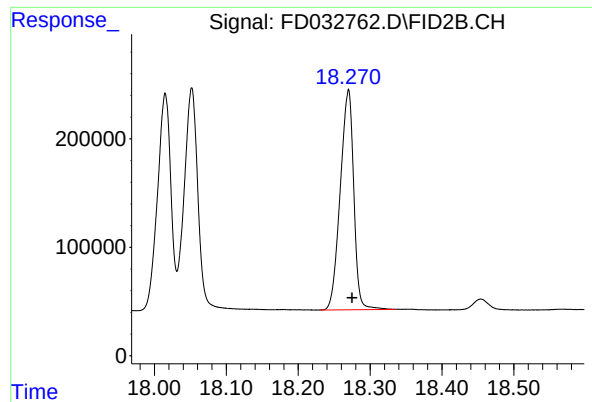
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.015 min
Delta R.T.: -0.009 min
Response: 2579974
Conc: 21.65 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.012 min
Response: 2685540
Conc: 21.24 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.005 min
Response: 2645026
Conc: 22.37 ug/ml