

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051320AR\
 Data File : FD033497.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2020 15:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 03:05:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.581	2485067	22.597 ug/ml
Spiked Amount 50.000		Recovery =	45.19%
6) S 2-Fluorobiphenyl (SURR)	8.444	1686870	22.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.44%
11) S ortho-Terphenyl (SURR)	11.474	2817757	21.836 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2560402	22.499 ug/ml
2) T Naphthalene (C11.7)	5.925	2687995	22.806 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2710860	22.763 ug/ml
5) T Acenaphthylene (C15.06)	8.245	2696217	22.336 ug/ml
7) T Acenaphthene (C15.5)	8.539	2840406	22.503 ug/ml
8) T Fluorene (C16.55)	9.319	2747945	22.439 ug/ml
9) T Phenanthrene (C19.36)	10.713	2802219	22.167 ug/ml
10) T Anthracene (C19.43)	10.788	2651134	21.789 ug/ml
12) T Fluoranthene (C21.85)	12.523	2841443	21.930 ug/ml
13) T Pyrene (C20.8)	12.819	2810673	21.757 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2794773	22.878 ug/ml
15) T Chrysene (C27.41)	14.733	2794773	21.704 ug/ml
16) T benzo[b]fluoranthene ...	16.274	2744291	22.057 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2744291	21.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	2624591	21.248 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	2655830	22.388 ug/ml
20) T Dibenz[a,h]anthracene...	18.027	2655830	21.482 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	2535702	21.016 ug/ml

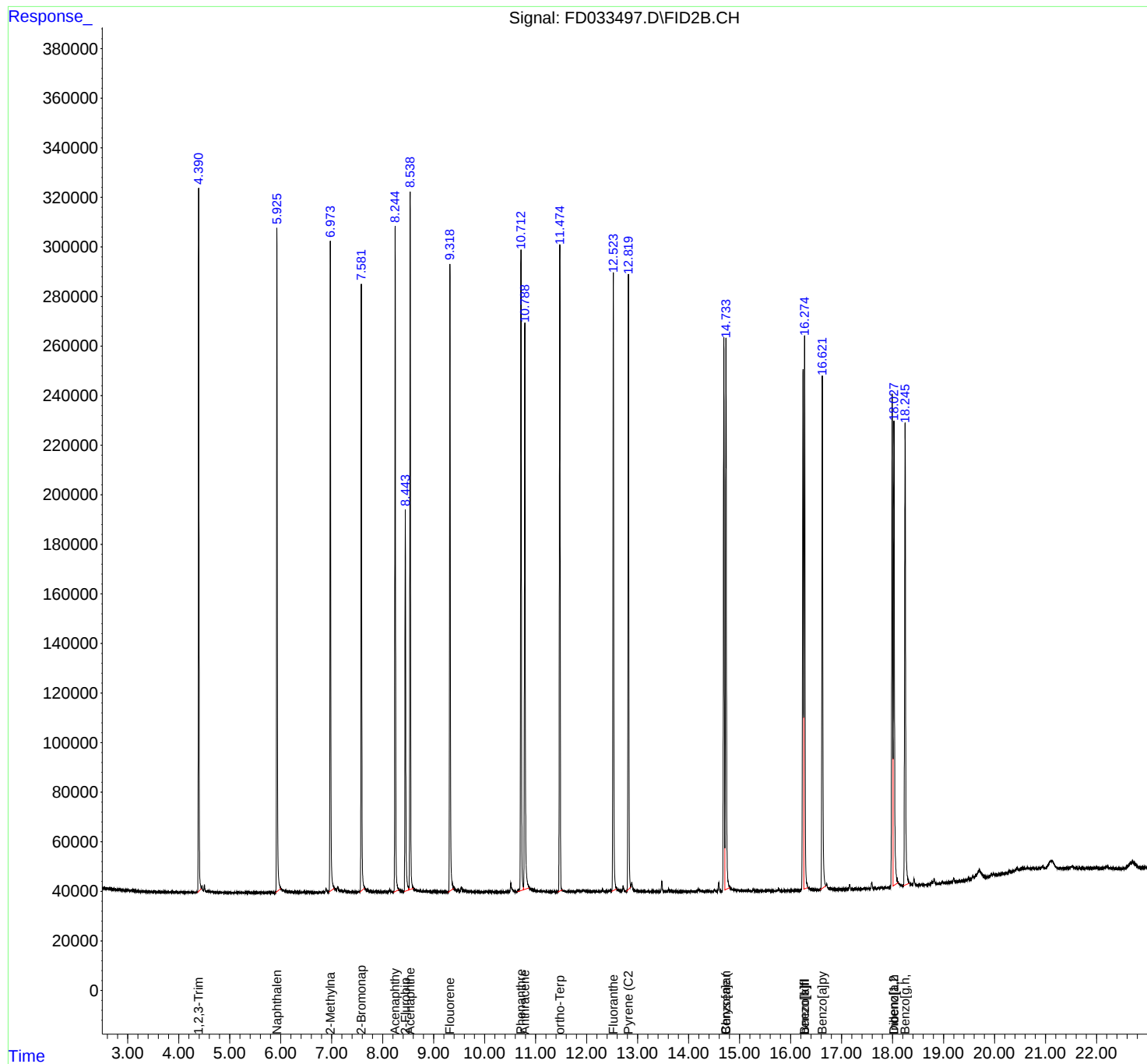
(f)=RT Delta > 1/2 Window

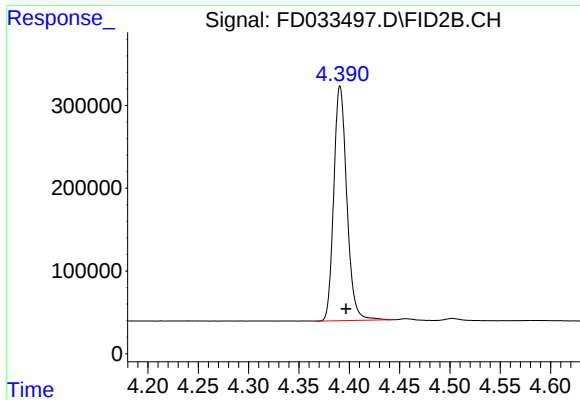
(m)=manual int.

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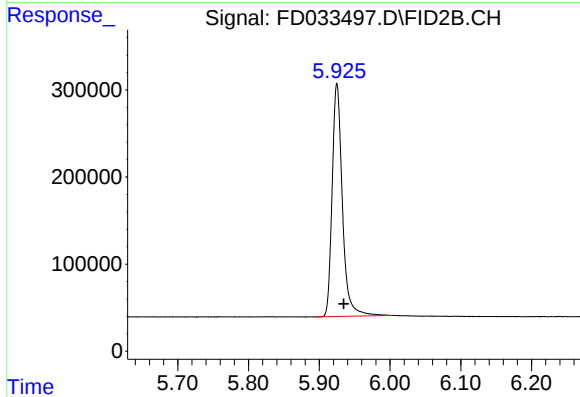
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





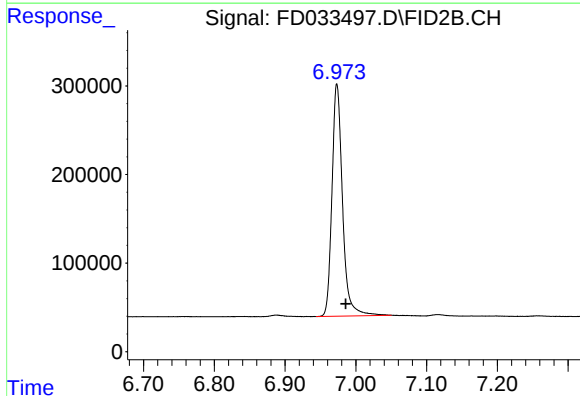
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.006 min
Response: 2560402
Conc: 22.50 ug/ml



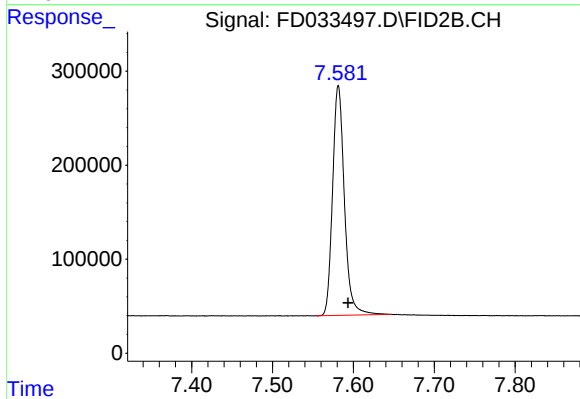
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.010 min
Response: 2687995
Conc: 22.81 ug/ml



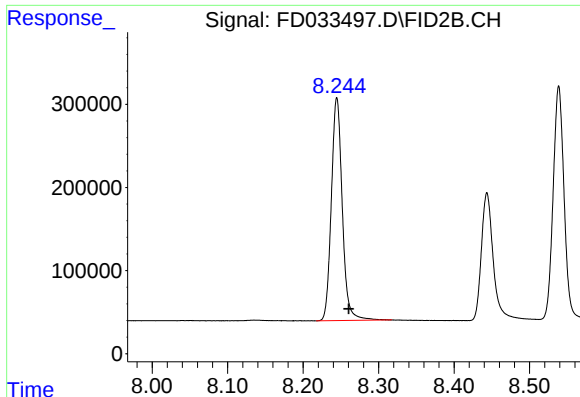
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.013 min
Response: 2710860
Conc: 22.76 ug/ml



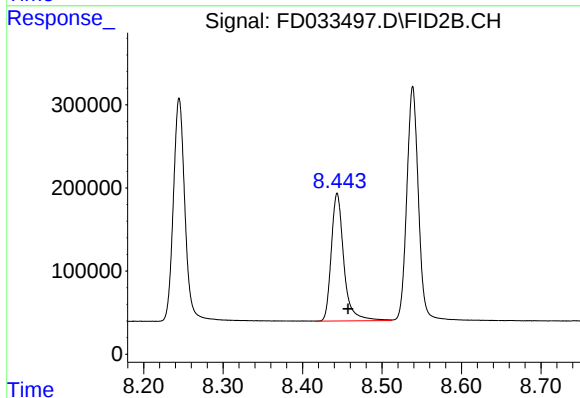
#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min
Delta R.T.: -0.012 min
Response: 2485067
Conc: 22.60 ug/ml



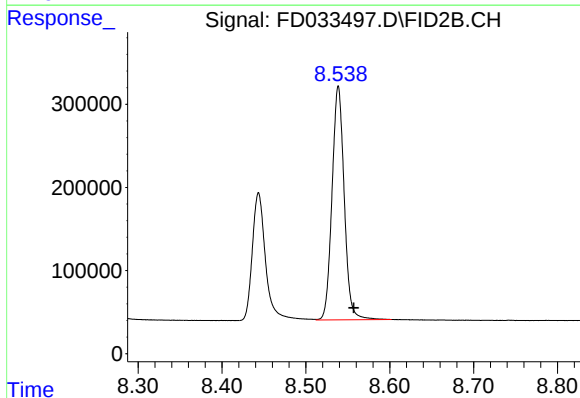
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.016 min
Response: 2696217
Conc: 22.34 ug/ml



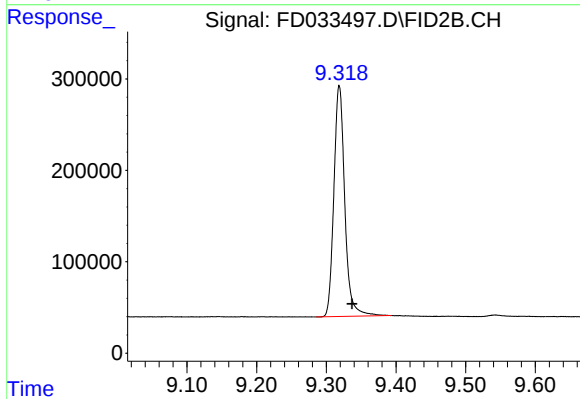
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.014 min
Response: 1686870
Conc: 22.72 ug/ml



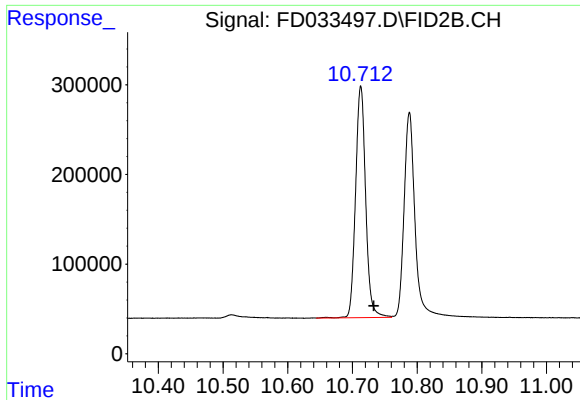
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.019 min
Response: 2840406
Conc: 22.50 ug/ml



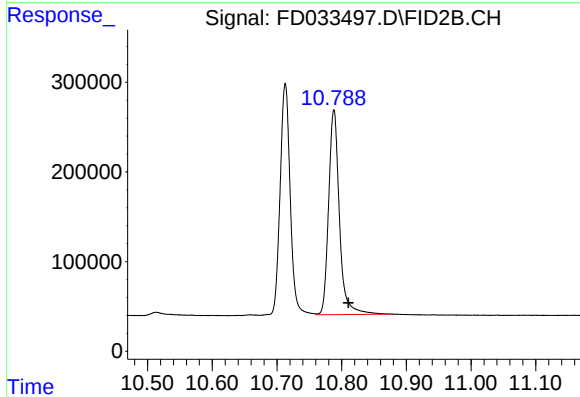
#8 Flouorene (C16.55)

R.T.: 9.319 min
Delta R.T.: -0.018 min
Response: 2747945
Conc: 22.44 ug/ml



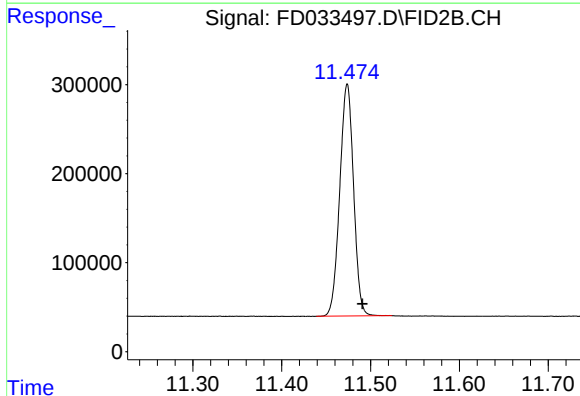
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: -0.020 min
Response: 2802219
Conc: 22.17 ug/ml



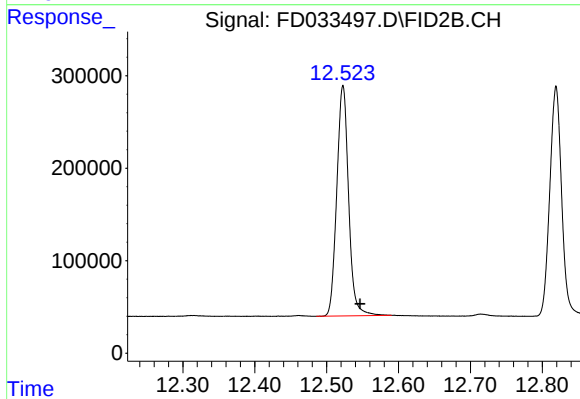
#10 Anthracene (C19.43)

R.T.: 10.788 min
Delta R.T.: -0.022 min
Response: 2651134
Conc: 21.79 ug/ml



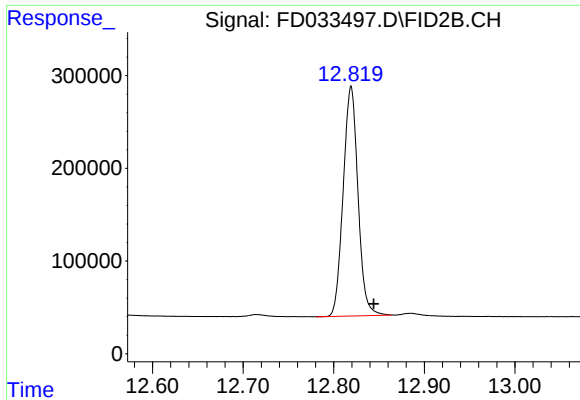
#11 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.017 min
Response: 2817757
Conc: 21.84 ug/ml



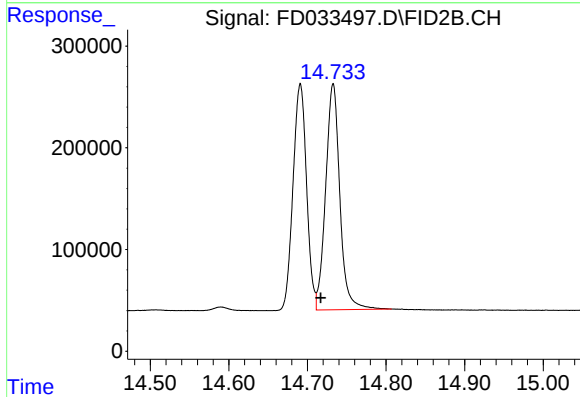
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: -0.024 min
Response: 2841443
Conc: 21.93 ug/ml



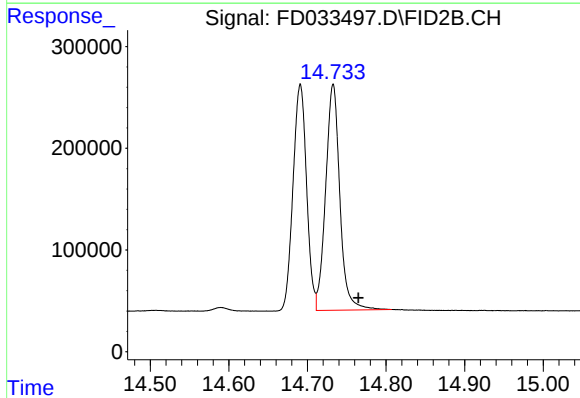
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: -0.025 min
Response: 2810673
Conc: 21.76 ug/ml



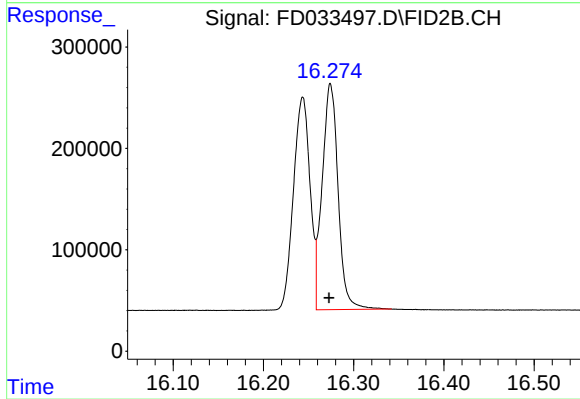
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: 0.016 min
Response: 2794773
Conc: 22.88 ug/ml



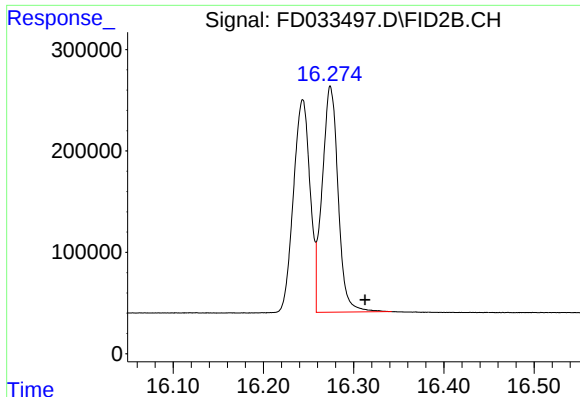
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: -0.032 min
Response: 2794773
Conc: 21.70 ug/ml



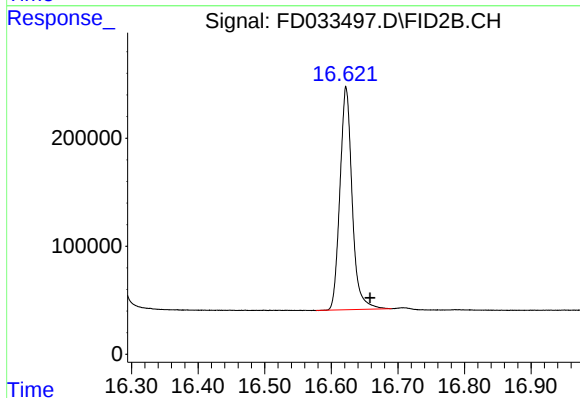
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: 0.001 min
Response: 2744291
Conc: 22.06 ug/ml



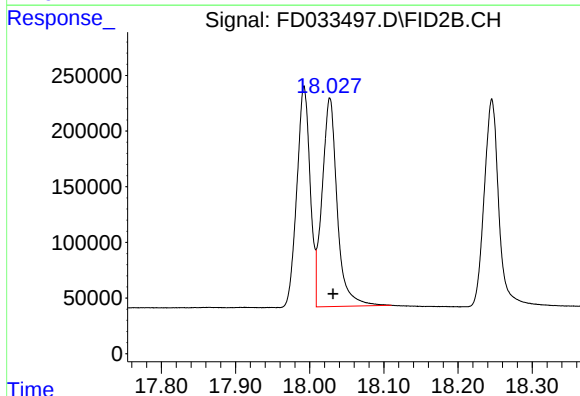
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.274 min
Delta R.T.: -0.039 min
Response: 2744291
Conc: 21.31 ug/ml



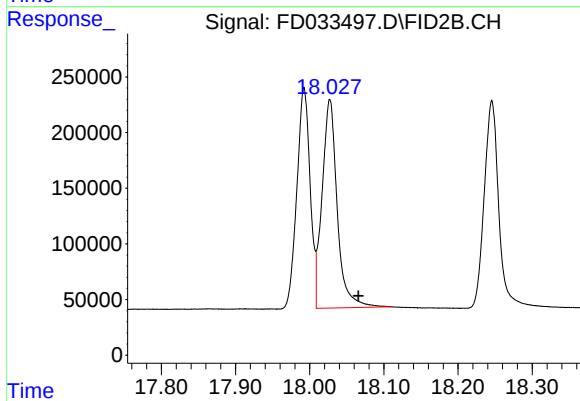
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.036 min
Response: 2624591
Conc: 21.25 ug/ml



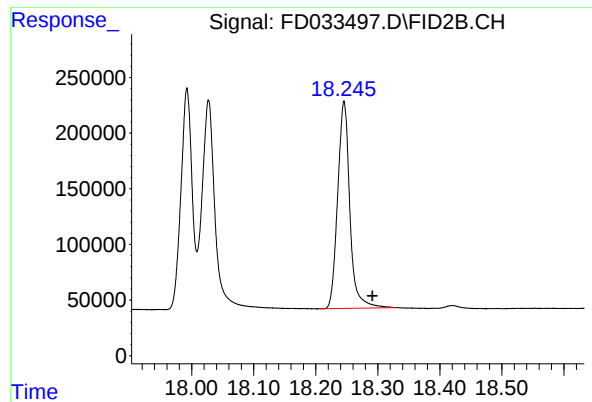
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.004 min
Response: 2655830
Conc: 22.39 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.039 min
Response: 2655830
Conc: 21.48 ug/ml



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

R.T.: 18.246 min
Delta R.T.: -0.045 min
Response: 2535702
Conc: 21.02 ug/ml