

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072820AR\
 Data File : FD034199.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2020 22:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 01:13:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.710	2321451	19.328 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
6) S 2-Fluorobiphenyl (SURR)	8.578	1580842	18.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.30%
11) S ortho-Terphenyl (SURR)	11.619	2473486	18.282 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2663047	20.163 ug/ml
2) T Naphthalene (C11.7)	6.047	2715769	19.607 ug/ml
3) T 2-Methylnaphthalene (...)	7.101	2689126	19.309 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2506677	18.645 ug/ml
7) T Acenaphthene (C15.5)	8.676	2570449	18.780 ug/ml
8) T Fluorene (C16.55)	9.458	2484878	18.481 ug/ml
9) T Phenanthrene (C19.36)	10.857	2410943	18.040 ug/ml
10) T Anthracene (C19.43)	10.932	2190801	16.510 ug/ml
12) T Fluoranthene (C21.85)	12.671	2373799	17.867 ug/ml
13) T Pyrene (C20.8)	12.970	2296857	17.718 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2241058	18.002 ug/ml
15) T Chrysene (C27.41)	14.884	2262955	18.223 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2281389	19.175 ug/ml
17) T Bnezo[k]fluoranthene ...	16.392	2281389	19.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.772	2242671	19.272 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2256677	20.268 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	2256677	20.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	2271414	20.569 ug/ml

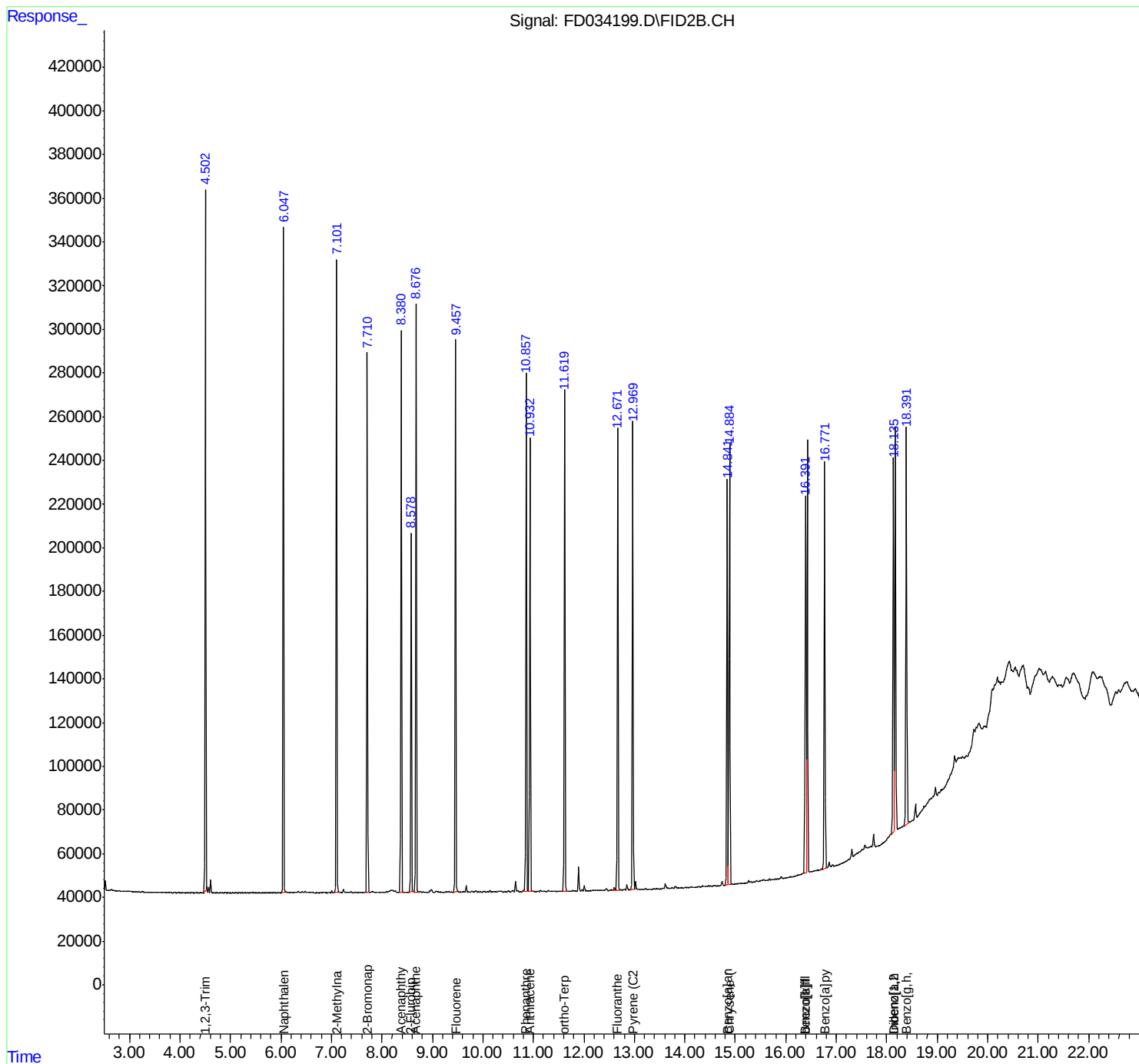
(f)=RT Delta > 1/2 Window

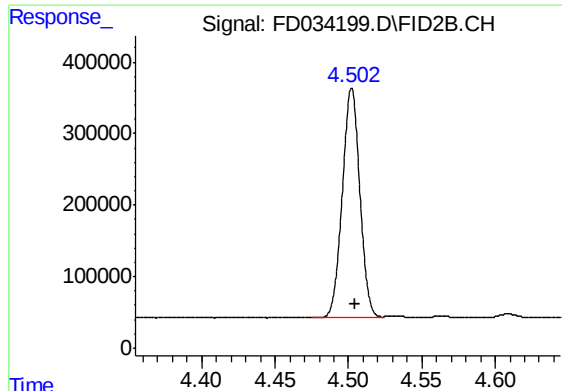
(m)=manual int.

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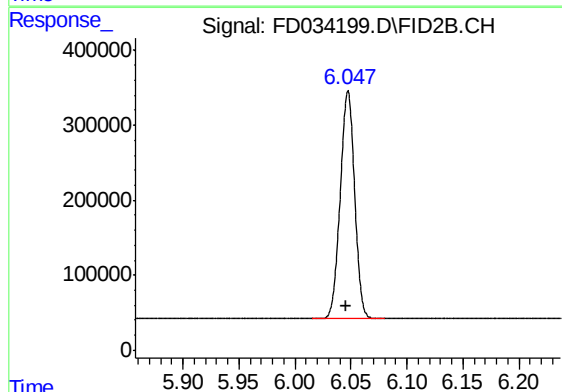
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





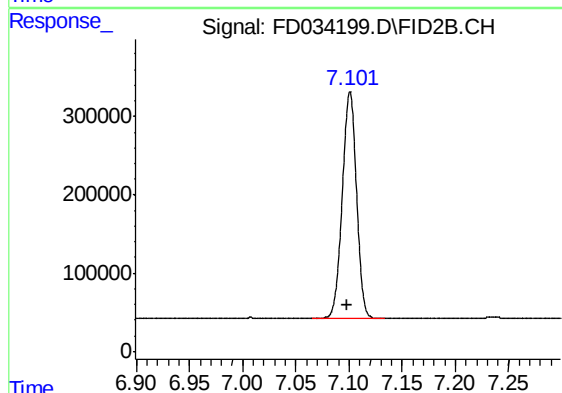
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 2663047
Conc: 20.16 ug/ml



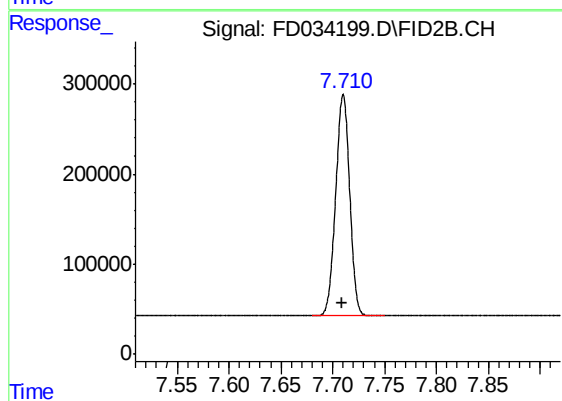
#2 Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 2715769
Conc: 19.61 ug/ml



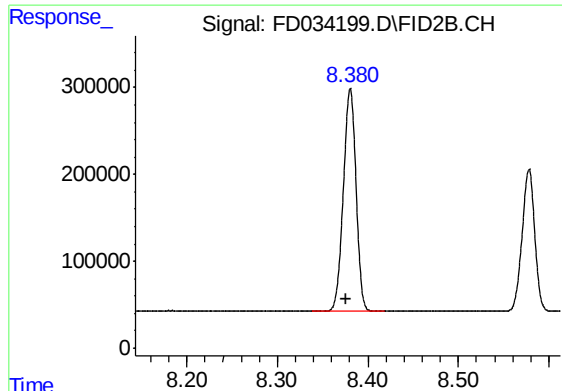
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 2689126
Conc: 19.31 ug/ml



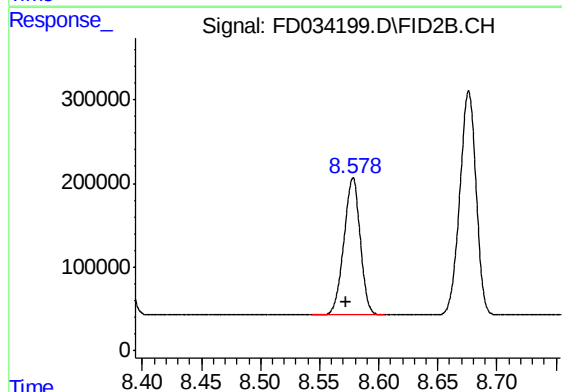
#4 2-Bromonaphthalene (SURR)

R.T.: 7.710 min
Delta R.T.: 0.001 min
Response: 2321451
Conc: 19.33 ug/ml



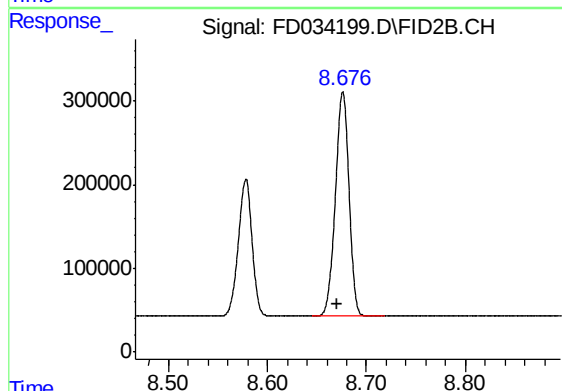
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 2506677
Conc: 18.65 ug/ml



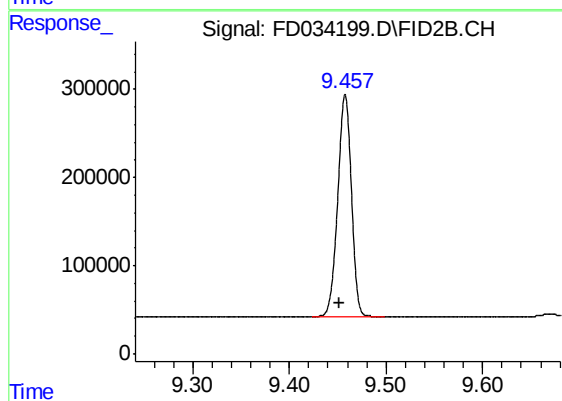
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.006 min
Response: 1580842
Conc: 18.65 ug/ml



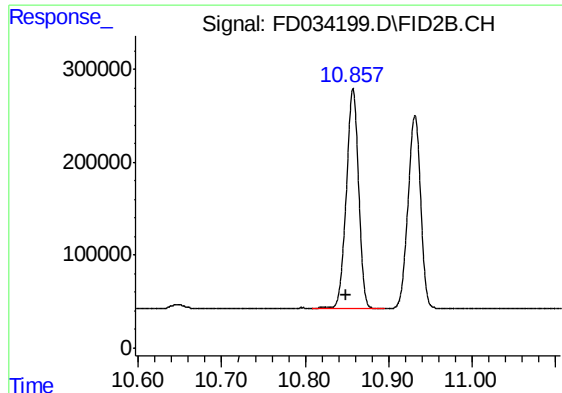
#7 Acenaphthene (C15.5)

R.T.: 8.676 min
Delta R.T.: 0.005 min
Response: 2570449
Conc: 18.78 ug/ml



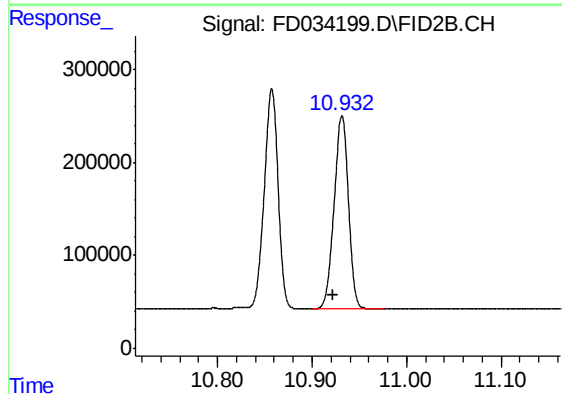
#8 Flouorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.006 min
Response: 2484878
Conc: 18.48 ug/ml



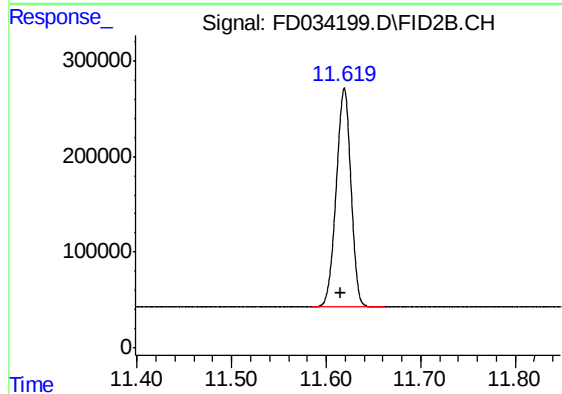
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.009 min
Response: 2410943
Conc: 18.04 ug/ml



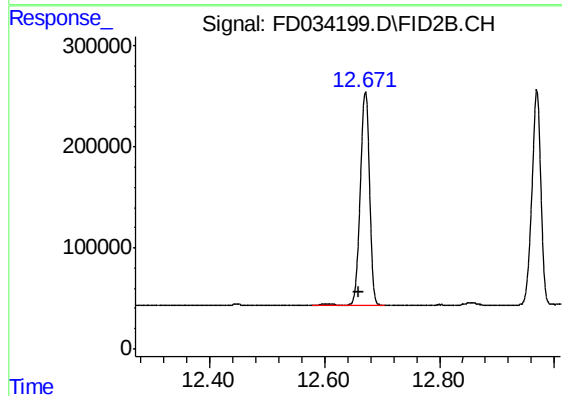
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.009 min
Response: 2190801
Conc: 16.51 ug/ml



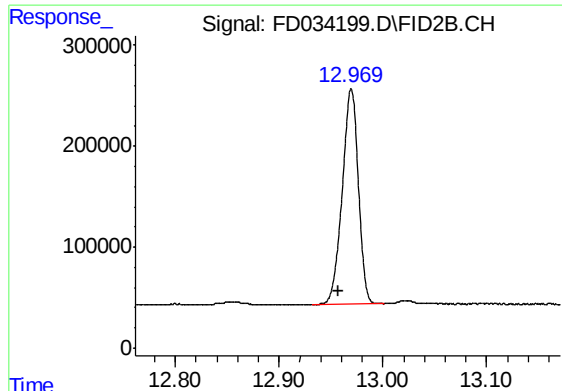
#11 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: 0.003 min
Response: 2473486
Conc: 18.28 ug/ml



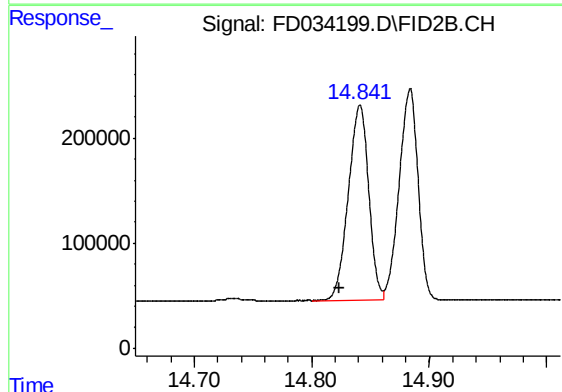
#12 Fluoranthene (C21.85)

R.T.: 12.671 min
Delta R.T.: 0.012 min
Response: 2373799
Conc: 17.87 ug/ml



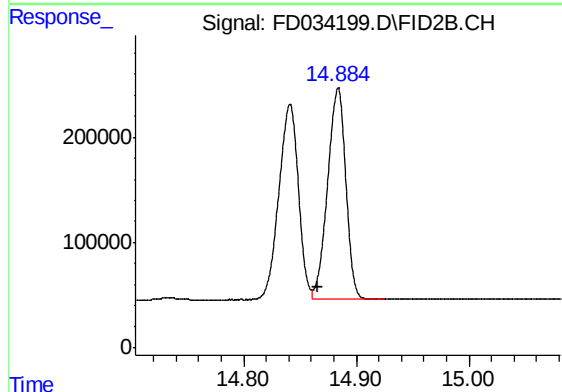
#13 Pyrene (C20.8)

R.T.: 12.970 min
Delta R.T.: 0.013 min
Response: 2296857
Conc: 17.72 ug/ml



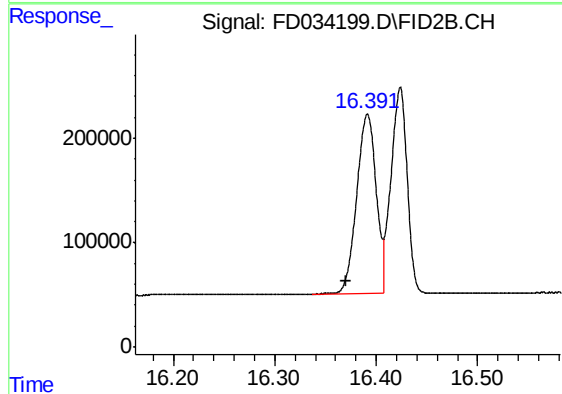
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.017 min
Response: 2241058
Conc: 18.00 ug/ml



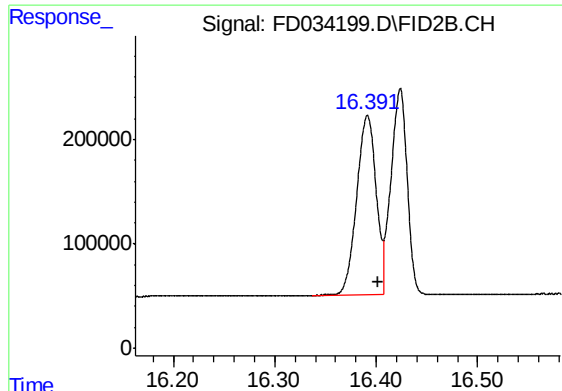
#15 Chrysene (C27.41)

R.T.: 14.884 min
Delta R.T.: 0.018 min
Response: 2262955
Conc: 18.22 ug/ml



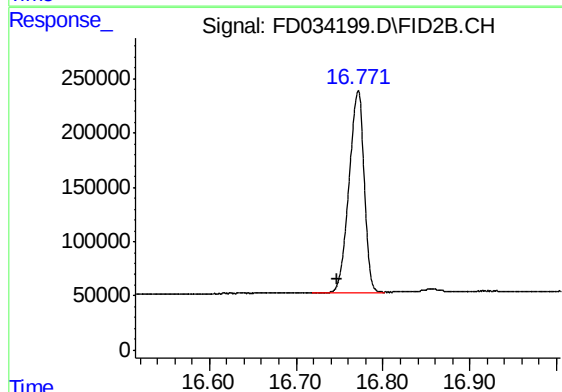
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.392 min
Delta R.T.: 0.021 min
Response: 2281389
Conc: 19.18 ug/ml



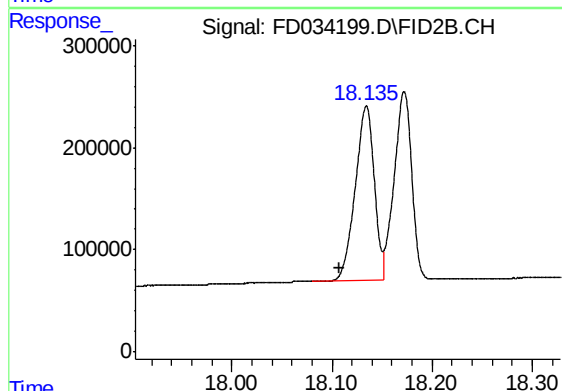
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: -0.010 min
Response: 2281389
Conc: 19.69 ug/ml



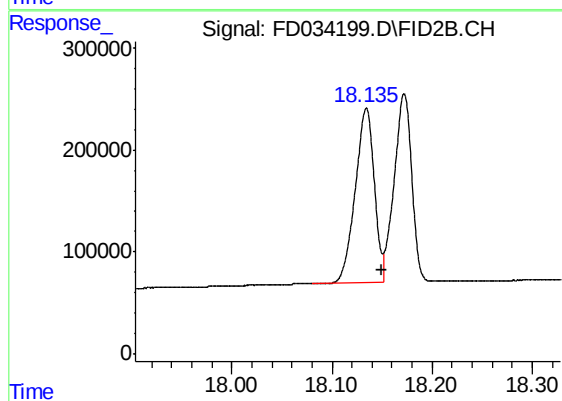
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.772 min
Delta R.T.: 0.024 min
Response: 2242671
Conc: 19.27 ug/ml



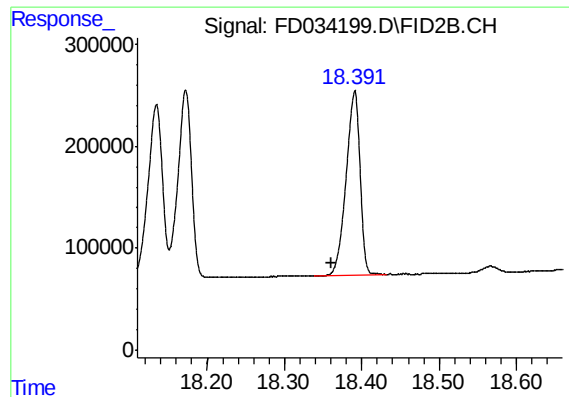
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.026 min
Response: 2256677
Conc: 20.27 ug/ml



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

R.T.: 18.134 min
Delta R.T.: -0.015 min
Response: 2256677
Conc: 20.42 ug/ml



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

R.T.: 18.391 min
Delta R.T.: 0.031 min
Response: 2271414
Conc: 20.57 ug/ml