Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050420AR\
Data File : FD033285.D
Signal(s) : FID2B.CH
Acq On : 04 May 2020 16:38
Operator : DD\AJ
Sample : PB128598BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: May 05 01:17:29 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
Quant Title : GC Extractables
QLast Update : Tue Apr 07 02:14:39 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...	7.593	5716046	38.959 ug/ml
Spiked Amount	50.000		Recovery =	77.92%
6) S	2-Flurobiphenyl (SURR)	8.456	3730594	38.239 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	76.48%
11) S	ortho-Terphenyl (SURR)	11.487	3452526	21.604 ug/ml
Spiked Amount	50.000		Recovery =	43.21%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.400	3015975	19.417 ug/ml
2) T	Naphthalene (C11.7)	5.934	5171274	31.694 ug/ml
3) T	2-Methylnaphthalene (...	6.984	5429178	33.644 ug/ml
5) T	Acenaphthylene (C15.06)	8.258	5094160	32.931 ug/ml
7) T	Acenaphthene (C15.5)	8.553	5349208	33.243 ug/ml
8) T	Flouorene (C16.55)	9.332	5210624	33.516 ug/ml
9) T	Phenanthrene (C19.36)	10.728	5043396	32.197 ug/ml
10) T	Anthracene (C19.43)	10.803	4947134	32.480 ug/ml
12) T	Fluoranthene (C21.85)	12.539	4857951	30.825 ug/ml
13) T	Pyrene (C20.8)	12.836	4792437	30.689 ug/ml
14) T	Benzo[a]anthracene (C...	14.752	4868316	34.200 ug/ml
15) T	Chrysene (C27.41)	14.752	4868316	32.994 ug/ml
16) T	benzo[b]fluoranthene ...	16.295	4512822	33.065 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.295	4512822	32.789 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.642	4162659	31.423 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.047	4208080	34.863 ug/ml
20) T	Dibenz[a,h]anthracene...	18.047	4208080	33.592 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.268	4401036	36.364 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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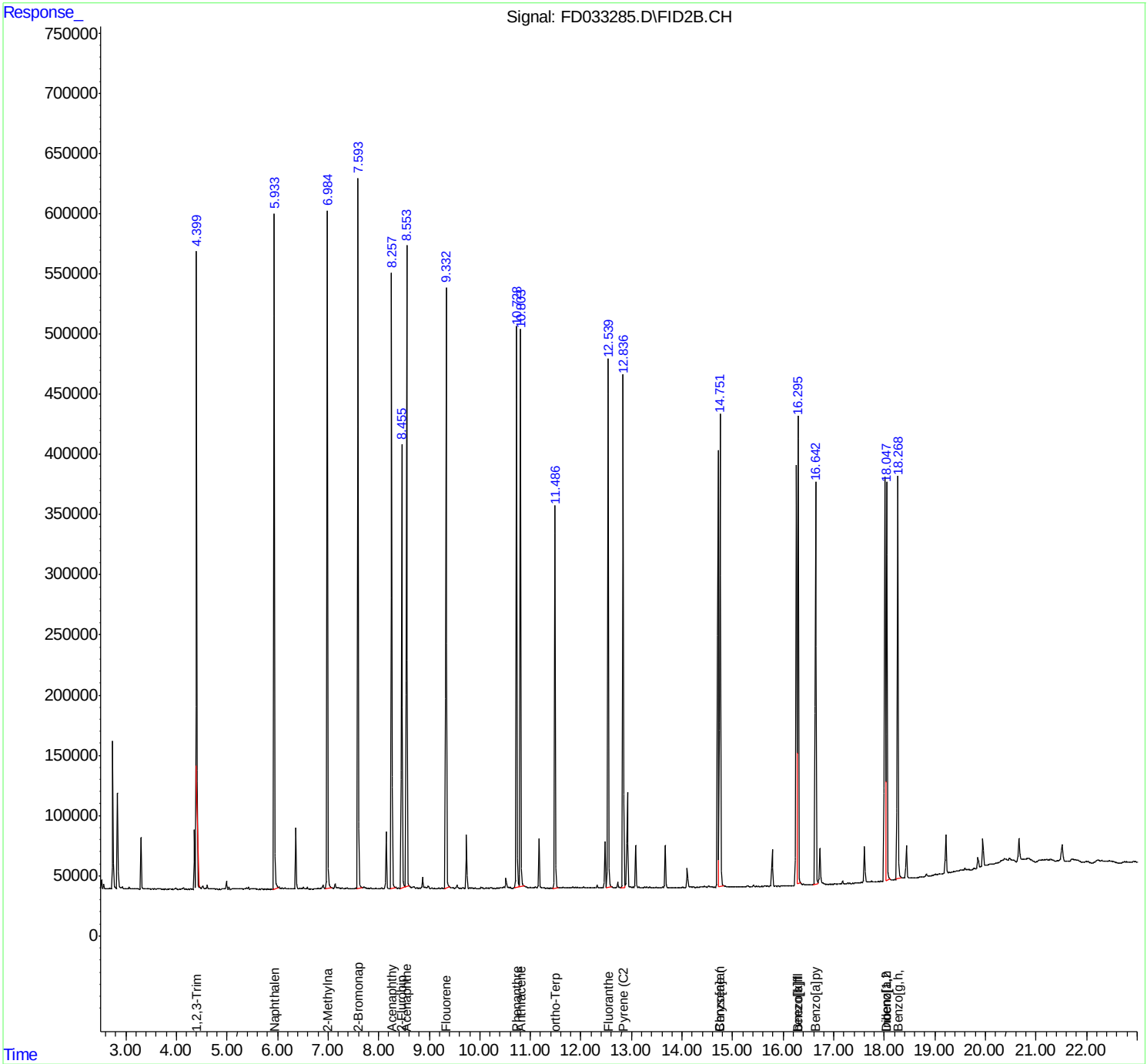
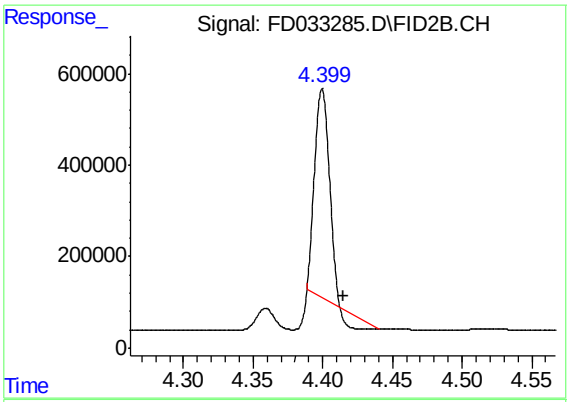
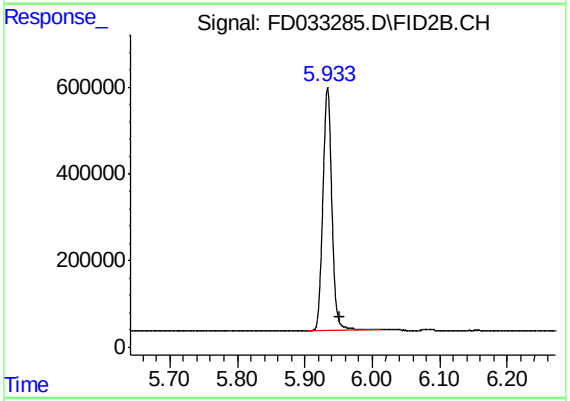




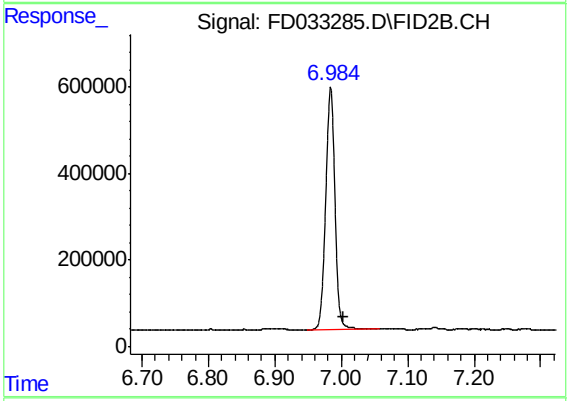
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.015 min
Response: 3015975
Conc: 19.42 ug/ml



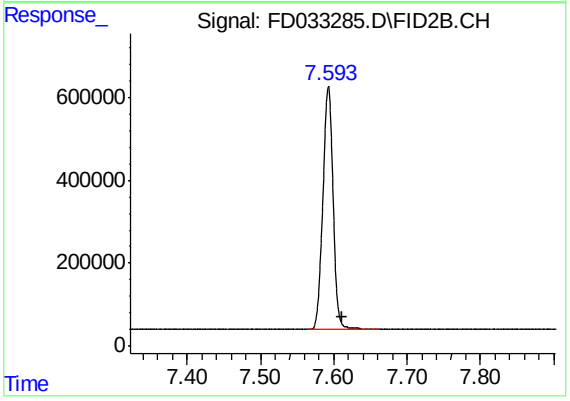
#2 Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.018 min
Response: 5171274
Conc: 31.69 ug/ml



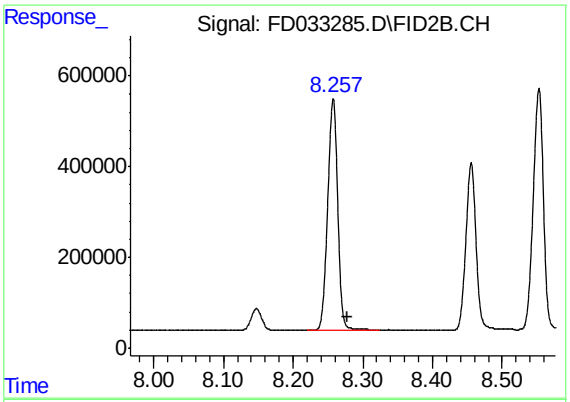
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.020 min
Response: 5429178
Conc: 33.64 ug/ml



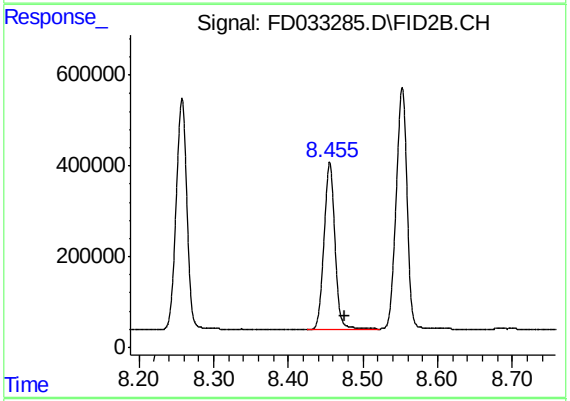
#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: -0.019 min
Response: 5716046
Conc: 38.96 ug/ml



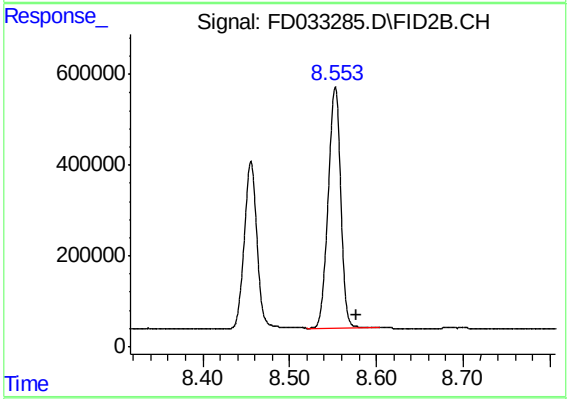
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.021 min
Response: 5094160
Conc: 32.93 ug/ml



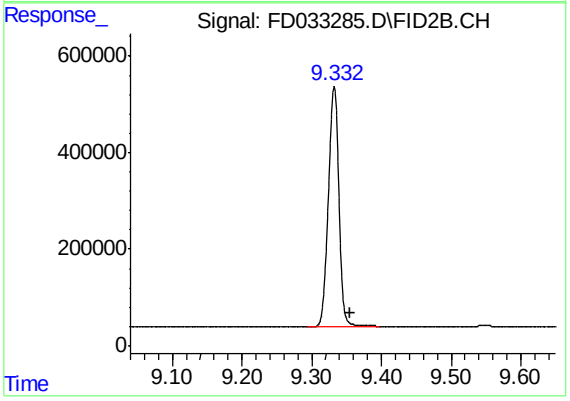
#6 2-Flurobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.020 min
Response: 3730594
Conc: 38.24 ug/ml



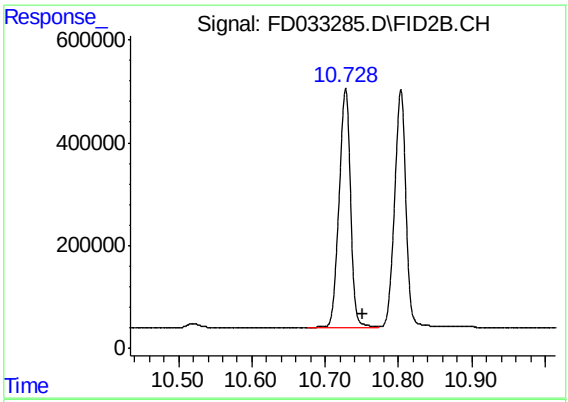
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: -0.024 min
Response: 5349208
Conc: 33.24 ug/ml



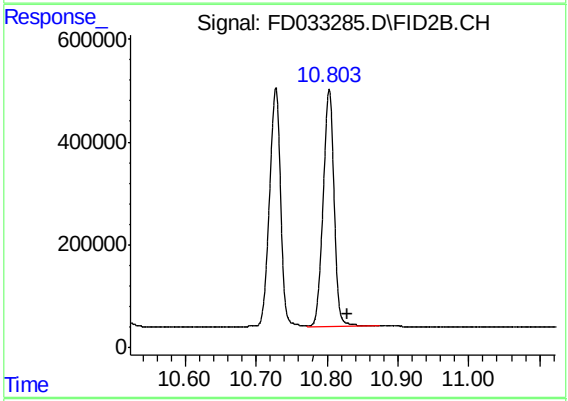
#8 Flouorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.023 min
Response: 5210624
Conc: 33.52 ug/ml



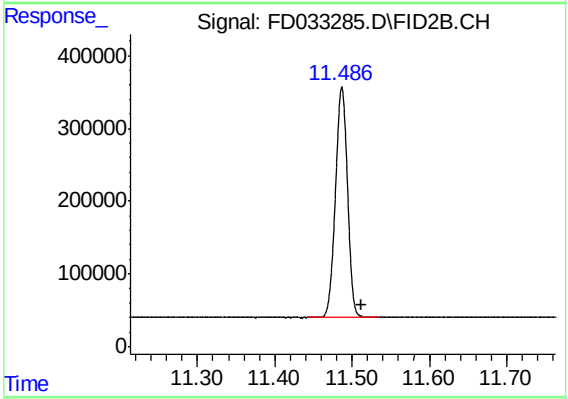
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.023 min
Response: 5043396
Conc: 32.20 ug/ml



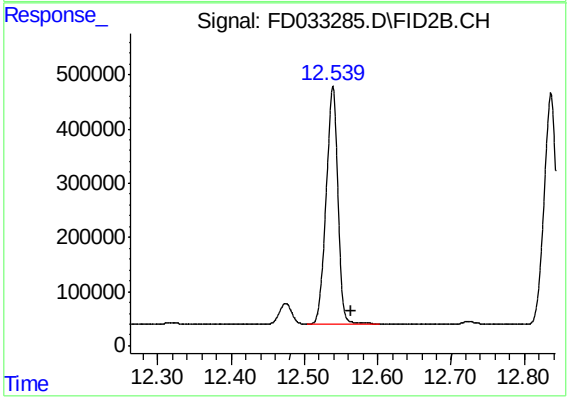
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.025 min
Response: 4947134
Conc: 32.48 ug/ml



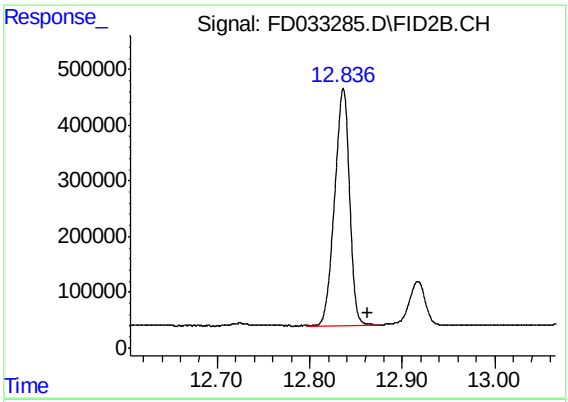
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.025 min
Response: 3452526
Conc: 21.60 ug/ml



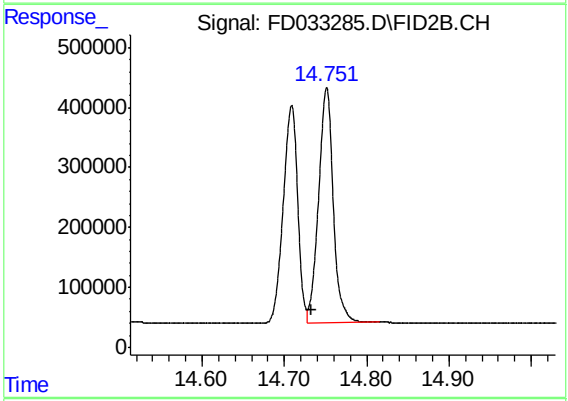
#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.026 min
Response: 4857951
Conc: 30.83 ug/ml



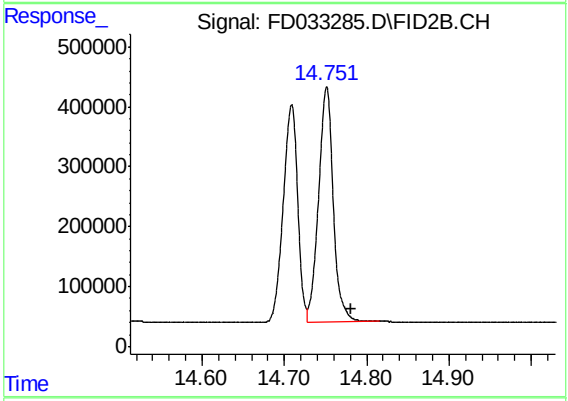
#13 Pyrene (C20.8)

R.T.: 12.836 min
Delta R.T.: -0.026 min
Response: 4792437
Conc: 30.69 ug/ml



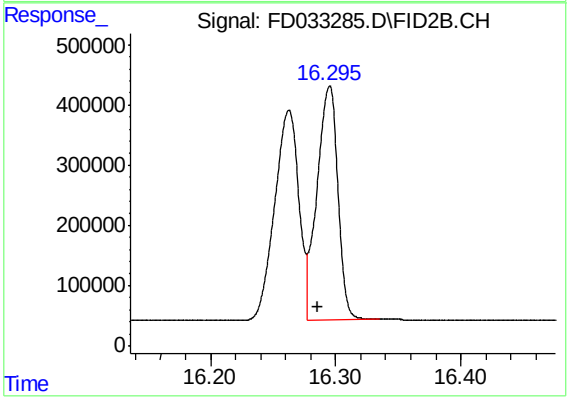
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: 0.019 min
Response: 4868316
Conc: 34.20 ug/ml



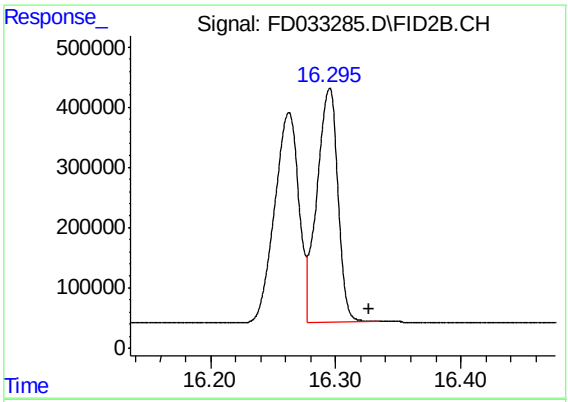
#15 Chrysene (C27.41)

R.T.: 14.752 min
Delta R.T.: -0.030 min
Response: 4868316
Conc: 32.99 ug/ml



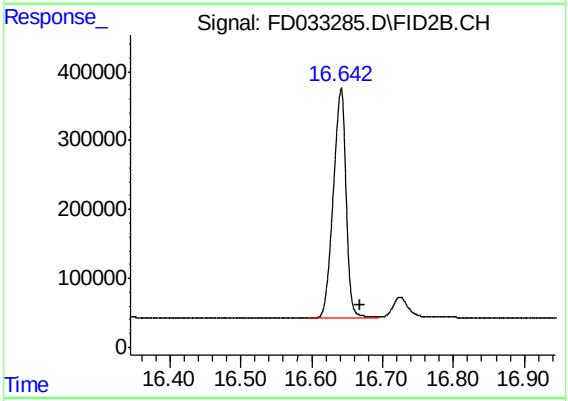
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.295 min
Delta R.T.: 0.009 min
Response: 4512822
Conc: 33.07 ug/ml



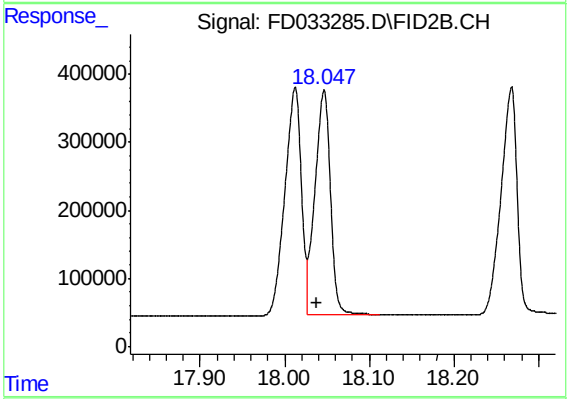
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.295 min
Delta R.T.: -0.032 min
Response: 4512822
Conc: 32.79 ug/ml



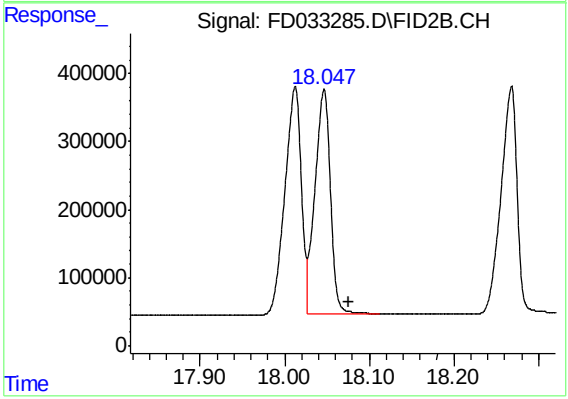
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: -0.027 min
Response: 4162659
Conc: 31.42 ug/ml



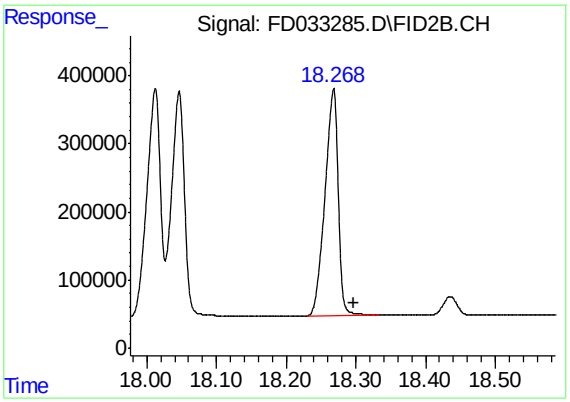
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: 0.009 min
Response: 4208080
Conc: 34.86 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.029 min
Response: 4208080
Conc: 33.59 ug/ml



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

R.T.:	18.268 min
Delta R.T.:	-0.030 min
Response:	4401036
Conc:	36.36 ug/ml