

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022219AR\
 Data File : FD027932.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2019 5:36
 Operator : AJ\SJ
 Sample : K1556-01MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:47:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 2019
 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...	7.337	4152786	55.938 ug/ml
Spiked Amount 50.000		Recovery =	111.88%
6) S 2-Fluorobiphenyl (SURR)	8.185	2763424	54.315 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.63%
11) S ortho-Terphenyl (SURR)	11.220	3833078	43.241 ug/ml
Spiked Amount 50.000		Recovery =	86.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	2588078	32.746 ug/ml
2) T Naphthalene (C11.7)	5.674	3115750	36.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	3269278	38.751 ug/ml
5) T Acenaphthylene (C15.06)	7.989	3353957	40.057 ug/ml
7) T Acenaphthene (C15.5)	8.284	3403484	38.721 ug/ml
8) T Fluorene (C16.55)	9.060	3274852	37.552 ug/ml
9) T Phenanthrene (C19.36)	10.446	4075034	46.390 ug/ml
10) T Anthracene (C19.43)	10.521	3629680	42.006 ug/ml
12) T Fluoranthene (C21.85)	12.254	7985062	89.192 ug/ml
13) T Pyrene (C20.8)	12.546	6995427	78.834 ug/ml
14) T Benzo[a]anthracene (C...	14.410	5882220	65.785 ug/ml
15) T Chrysene (C27.41)	14.454	5857107	64.496 ug/ml
16) T benzo[b]fluoranthene ...	15.957	6916216	70.815 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.988	4455282	45.059 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.332	5895757	60.298 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.692	5200684	52.444 ug/mlm
20) T Dibenz[a,h]anthracene...	17.727	3782844	38.458 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.945	4861420	47.952 ug/mlm

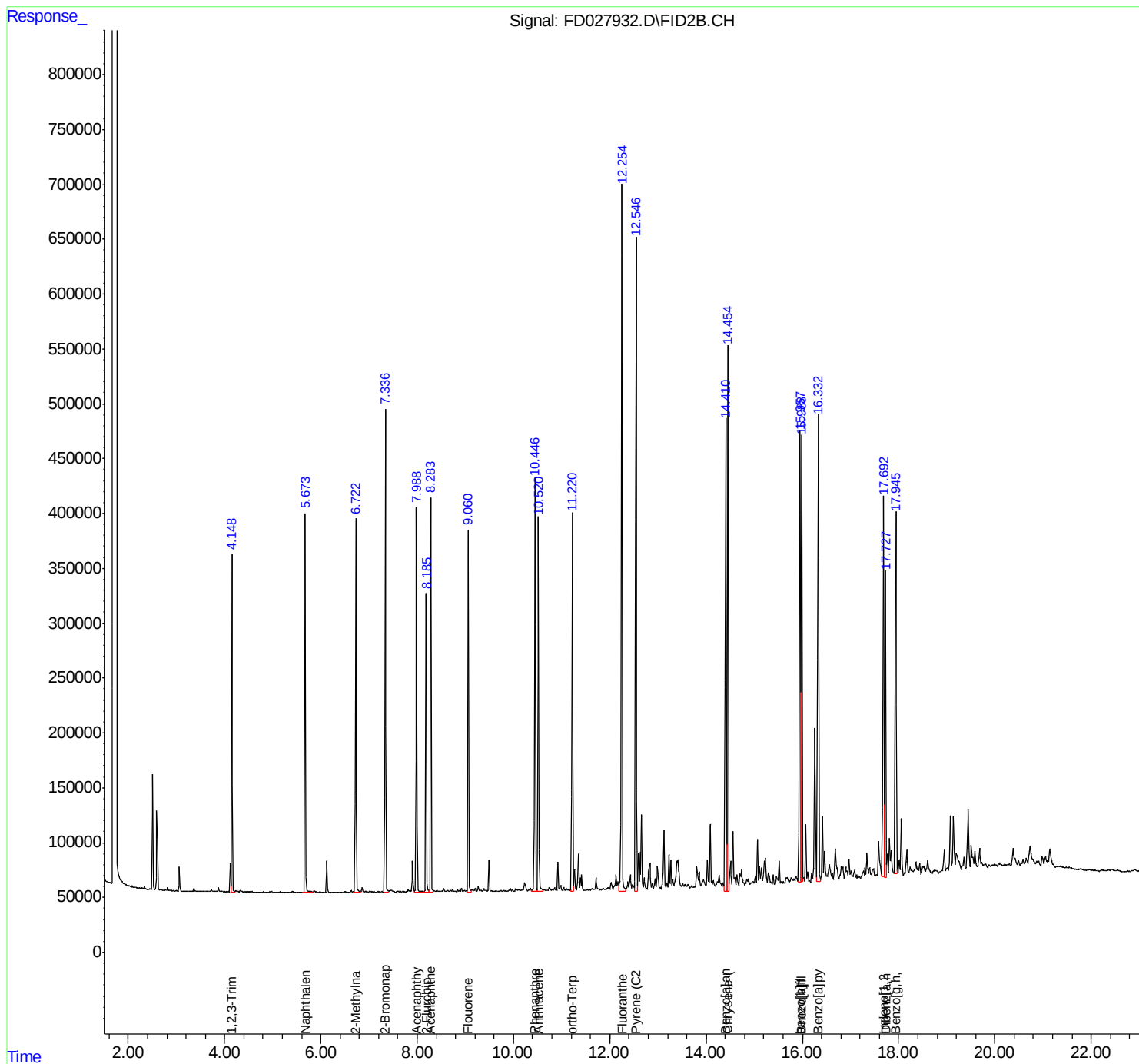
(f)=RT Delta > 1/2 Window

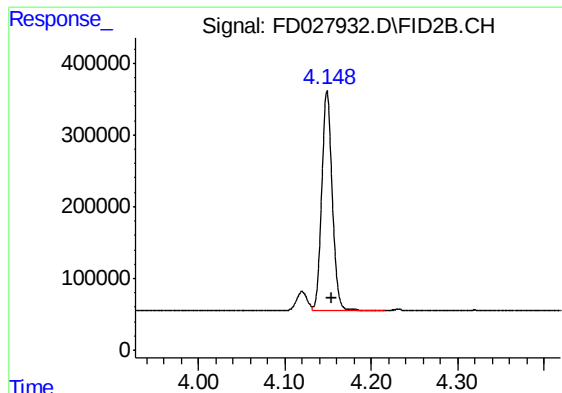
(m)=manual int.

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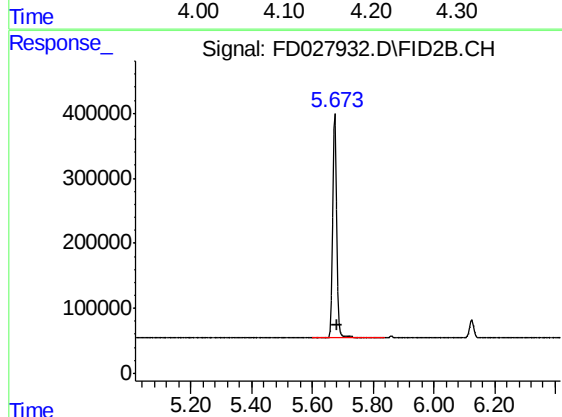
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Signal Info : 20M x 0.18mm x 0.18µm





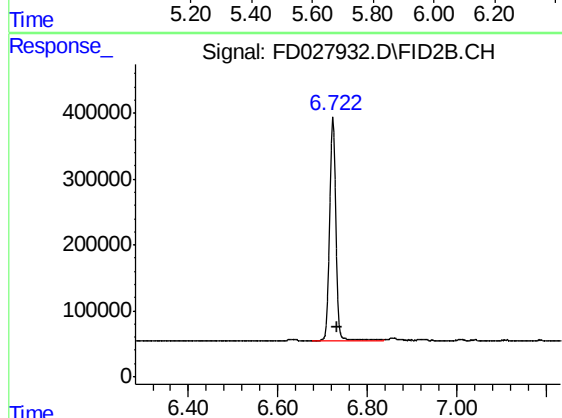
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 2588078
Conc: 32.75 ug/ml



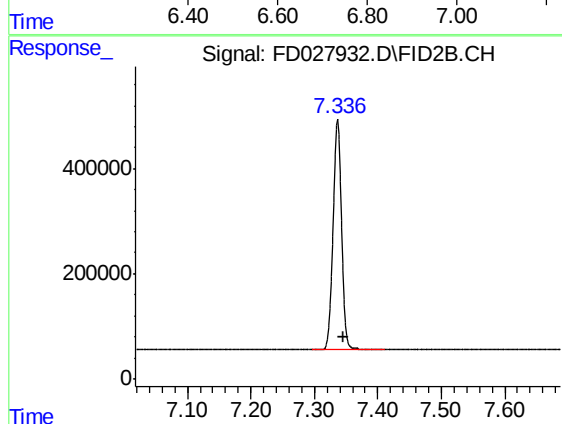
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.009 min
Response: 3115750
Conc: 36.61 ug/ml



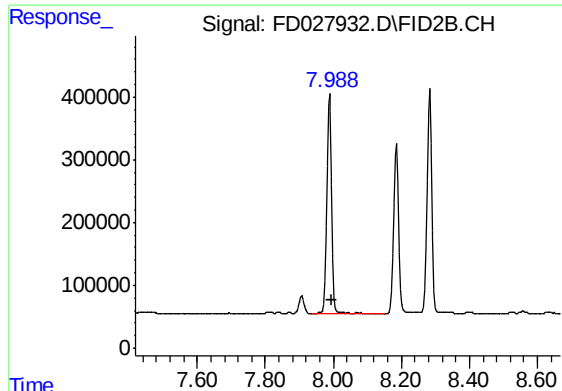
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 3269278
Conc: 38.75 ug/ml



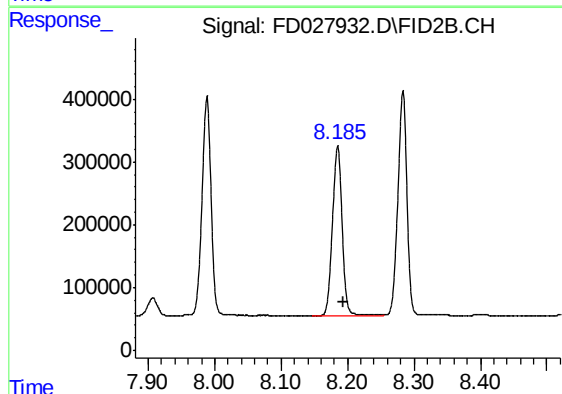
#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 4152786
Conc: 55.94 ug/ml



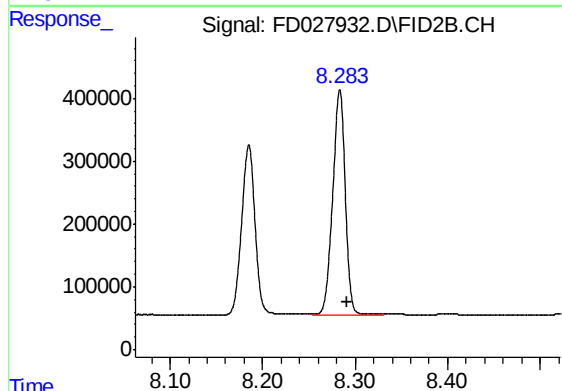
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.008 min
Response: 3353957
Conc: 40.06 ug/ml



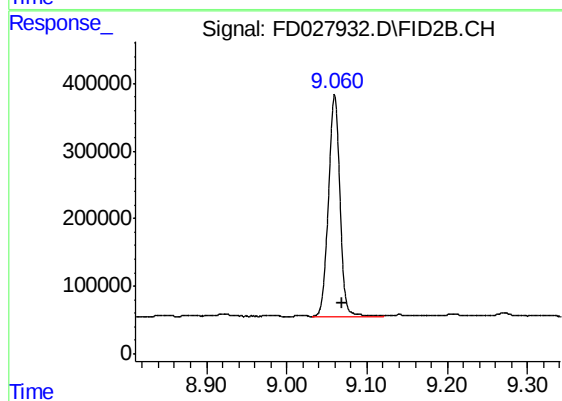
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.008 min
Response: 2763424
Conc: 54.31 ug/ml



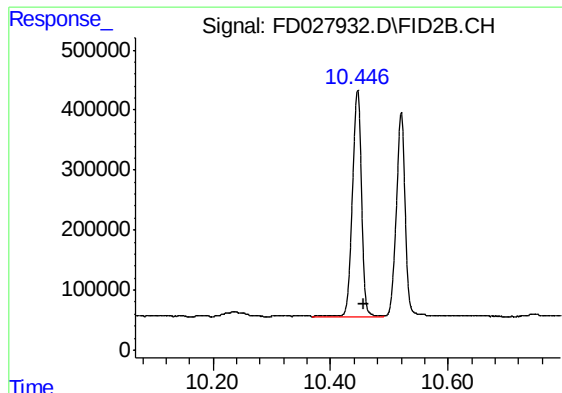
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.008 min
Response: 3403484
Conc: 38.72 ug/ml



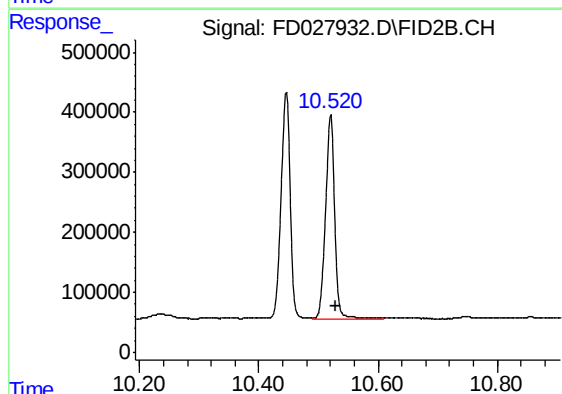
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.010 min
Response: 3274852
Conc: 37.55 ug/ml



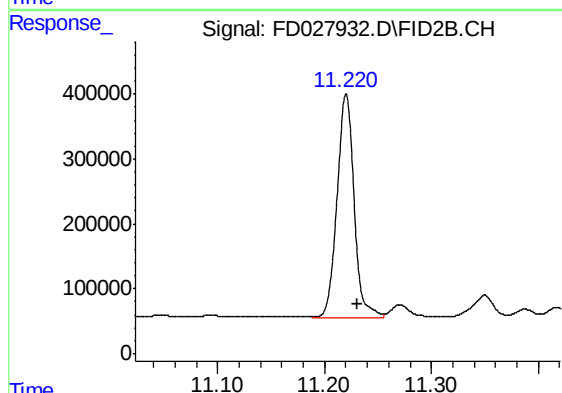
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.010 min
Response: 4075034
Conc: 46.39 ug/ml



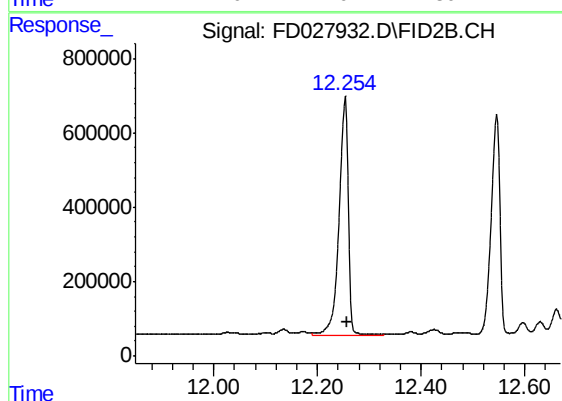
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.009 min
Response: 3629680
Conc: 42.01 ug/ml



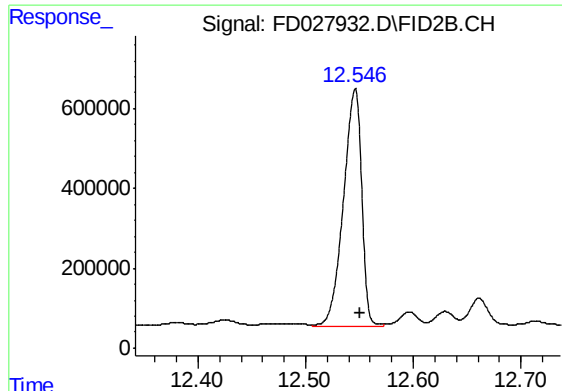
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 3833078
Conc: 43.24 ug/ml



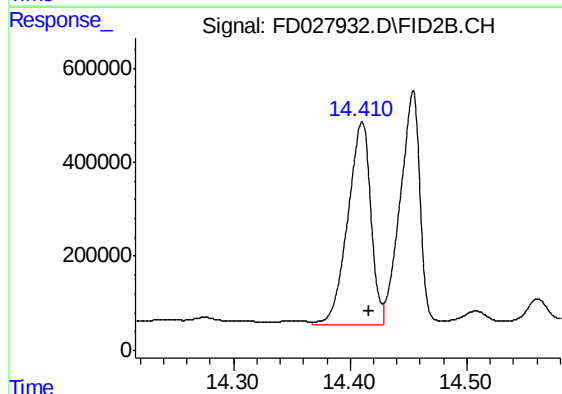
#12 Fluoranthene (C21.85)

R.T.: 12.254 min
Delta R.T.: -0.003 min
Response: 7985062
Conc: 89.19 ug/ml



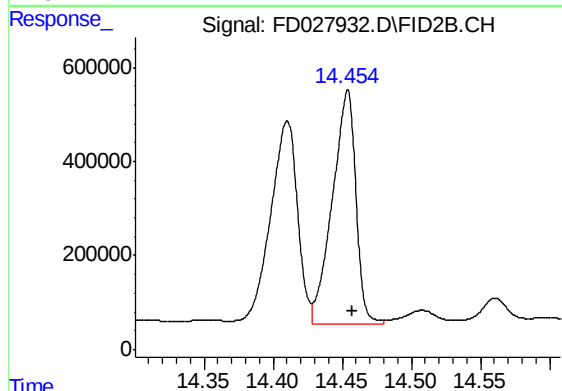
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.004 min
Response: 6995427
Conc: 78.83 ug/ml



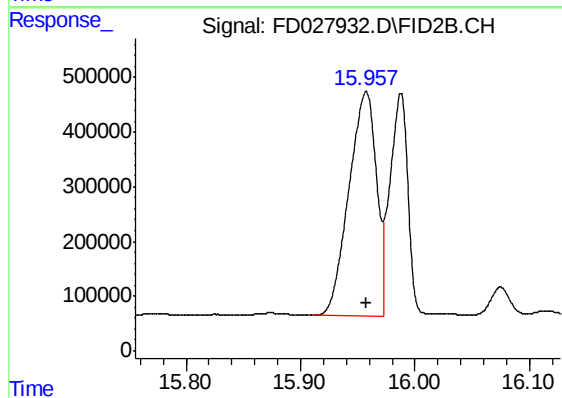
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.410 min
Delta R.T.: -0.006 min
Response: 5882220
Conc: 65.79 ug/ml



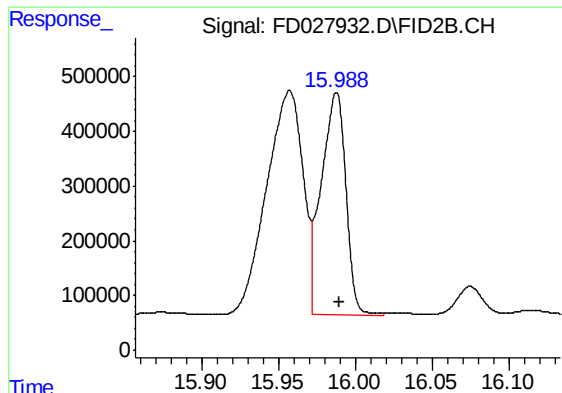
#15 Chrysene (C27.41)

R.T.: 14.454 min
Delta R.T.: -0.004 min
Response: 5857107
Conc: 64.50 ug/ml



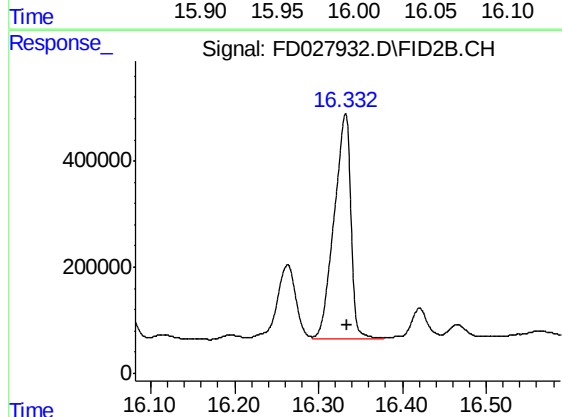
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 6916216
Conc: 70.81 ug/ml m



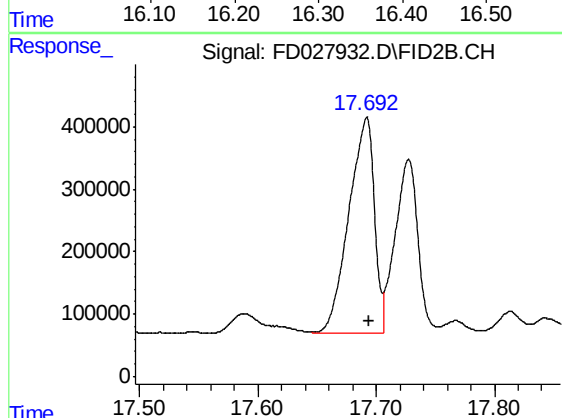
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.002 min
Response: 4455282
Conc: 45.06 ug/ml m



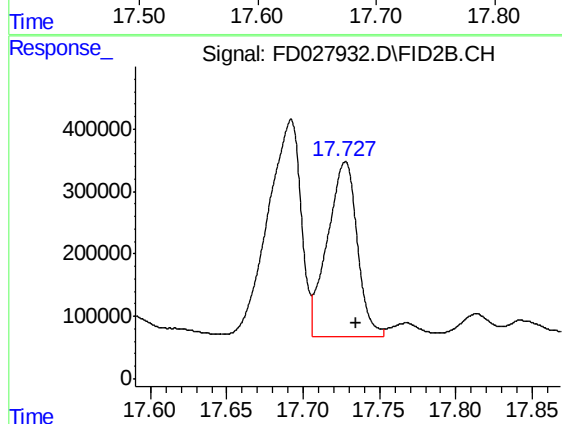
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.332 min
Delta R.T.: -0.002 min
Response: 5895757
Conc: 60.30 ug/ml m



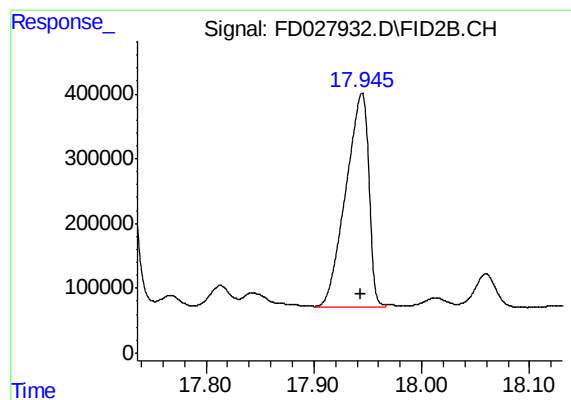
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.002 min
Response: 5200684
Conc: 52.44 ug/ml m



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

R.T.: 17.727 min
Delta R.T.: -0.007 min
Response: 3782844
Conc: 38.46 ug/ml m



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

R.T.: 17.945 min
Delta R.T.: 0.000 min
Response: 4861420
Conc: 47.95 ug/ml m