

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010719AR\
 Data File : FD027108.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2019 15:26
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 07:14:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:13:45 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...	7.372	8796097	92.062 ug/ml
Spiked Amount 50.000		Recovery =	184.12%
6) S 2-Fluorobiphenyl (SURR)	8.224	6046708	92.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	185.76%#
11) S ortho-Terphenyl (SURR)	11.265	9938690	92.992 ug/ml
Spiked Amount 50.000		Recovery =	185.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	9354098	91.290 ug/ml
2) T Naphthalene (C11.7)	5.707	10146447	93.800 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	10028775	92.716 ug/ml
5) T Acenaphthylene (C15.06)	8.028	9672492	93.402 ug/ml
7) T Acenaphthene (C15.5)	8.325	10093594	92.885 ug/ml
8) T Fluorene (C16.55)	9.103	10033331	93.812 ug/ml
9) T Phenanthrene (C19.36)	10.492	10060613	94.601 ug/ml
10) T Anthracene (C19.43)	10.569	9977705	94.211 ug/ml
12) T Fluoranthene (C21.85)	12.299	10043000	95.162 ug/ml
13) T Pyrene (C20.8)	12.593	10020532	96.201 ug/ml
14) T Benzo[a]anthracene (C...	14.462	9581052	96.851 ug/ml
15) T Chrysene (C27.41)	14.509	9572422	96.049 ug/ml
16) T benzo[b]fluoranthene ...	16.010	9835896	96.452 ug/ml
17) T Bnezo[k]fluoranthene ...	16.050	9791970	96.253 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.389	9867253	96.312 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.756	10299998	97.850 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	9723915	93.056 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.015	10077533	95.300 ug/ml

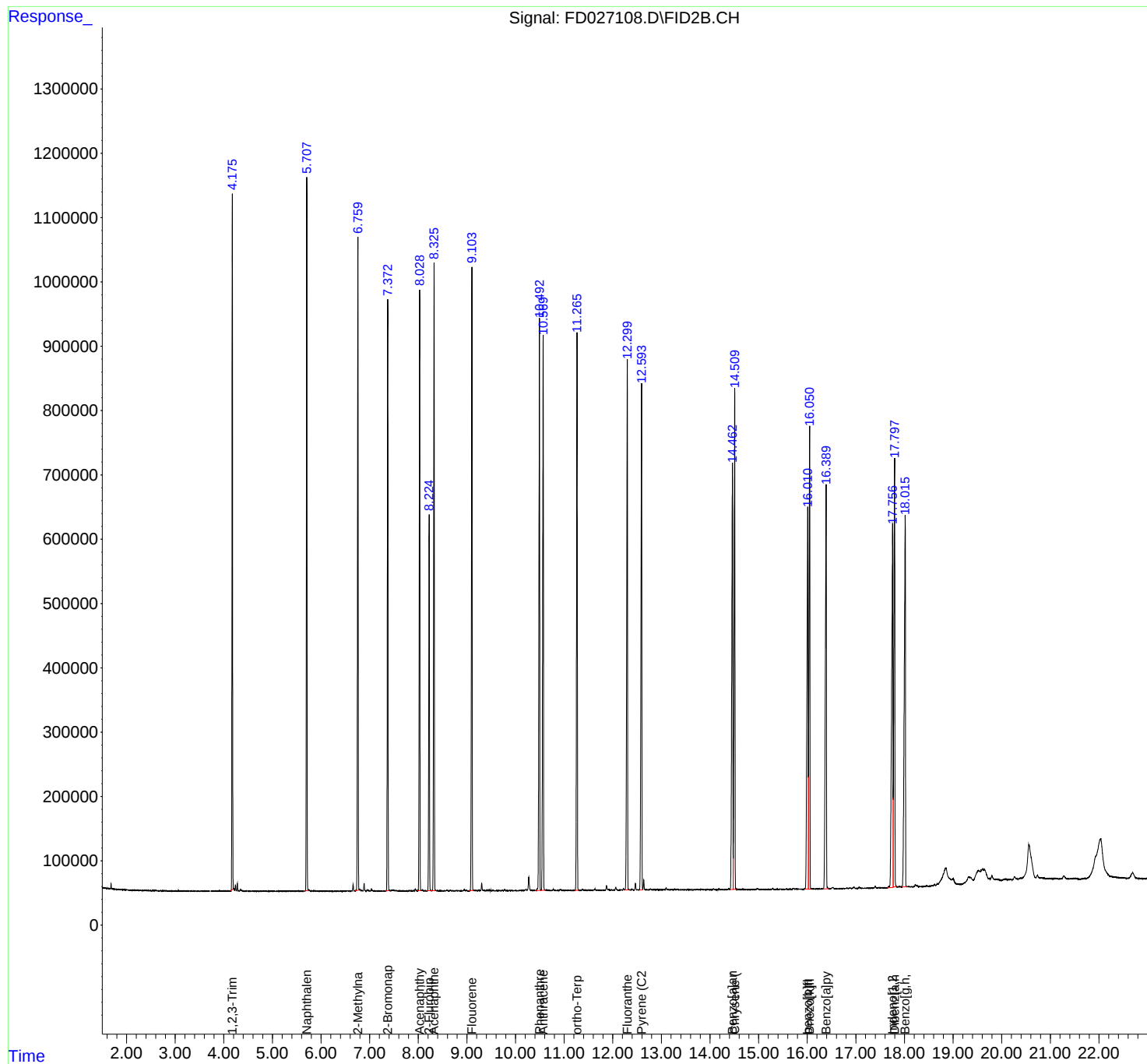
(f)=RT Delta > 1/2 Window

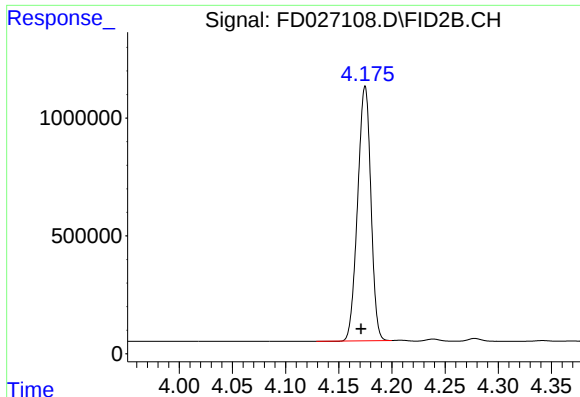
(m)=manual int.

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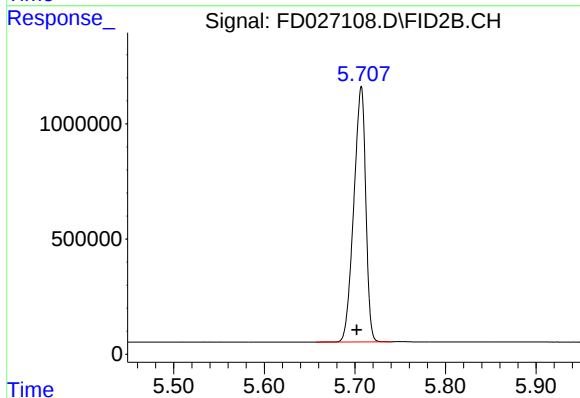
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
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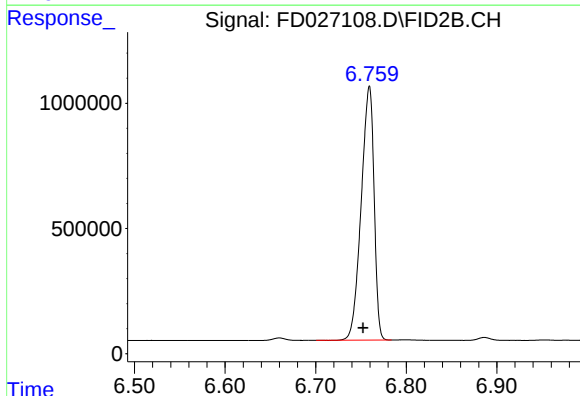
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.175 min
Delta R.T.: 0.004 min
Response: 9354098
Conc: 91.29 ug/ml



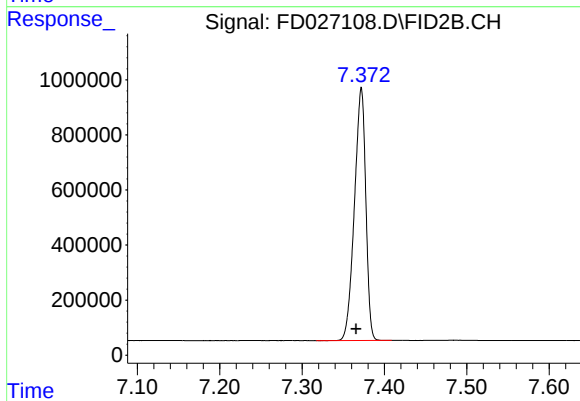
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.005 min
Response: 10146447
Conc: 93.80 ug/ml



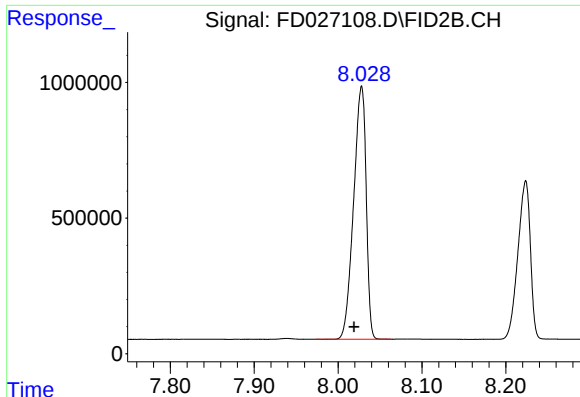
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: 0.007 min
Response: 10028775
Conc: 92.72 ug/ml



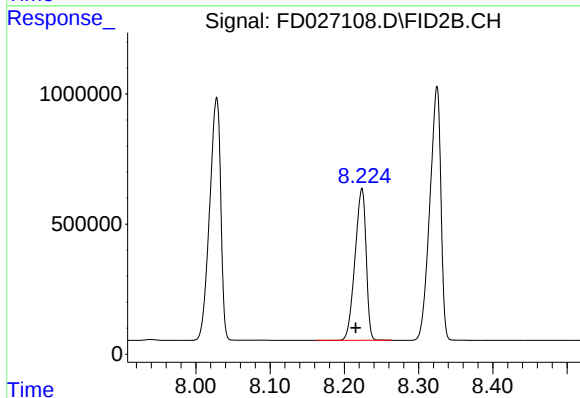
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: 0.007 min
Response: 8796097
Conc: 92.06 ug/ml



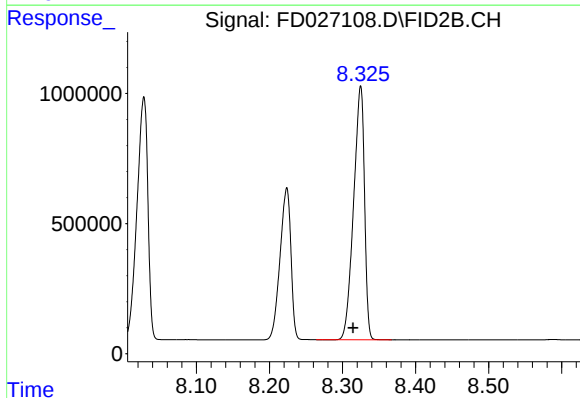
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: 0.009 min
Response: 9672492
Conc: 93.40 ug/ml



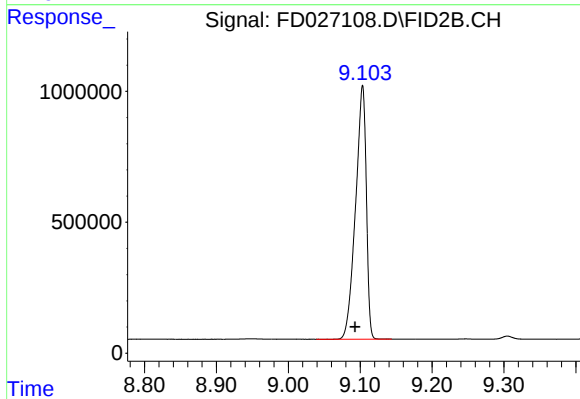
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: 0.008 min
Response: 6046708
Conc: 92.88 ug/ml



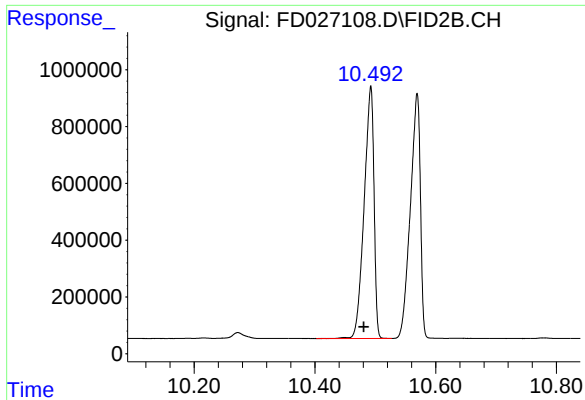
#7 Acenaphthene (C15.5)

R.T.: 8.325 min
Delta R.T.: 0.010 min
Response: 10093594
Conc: 92.89 ug/ml



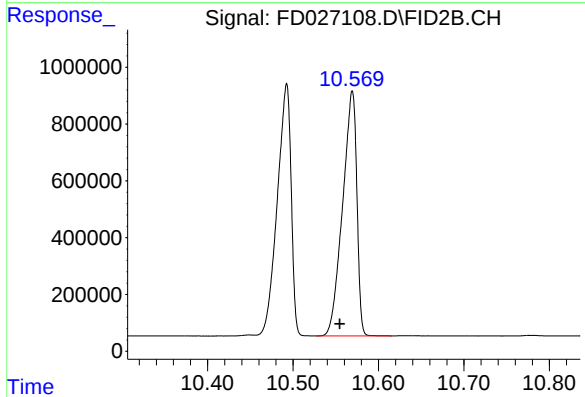
#8 Fluorene (C16.55)

R.T.: 9.103 min
Delta R.T.: 0.010 min
Response: 10033331
Conc: 93.81 ug/ml



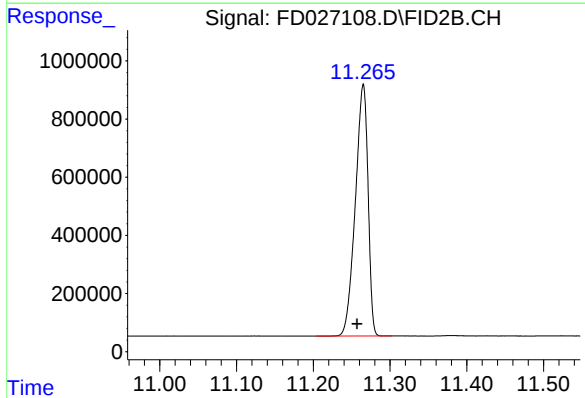
#9 Phenanthrene (C19.36)

R.T.: 10.492 min
Delta R.T.: 0.012 min
Response: 10060613
Conc: 94.60 ug/ml



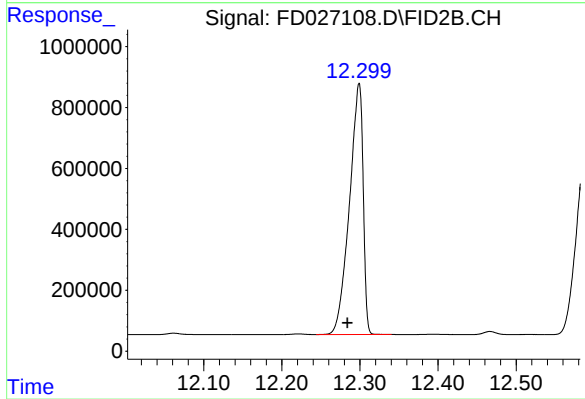
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: 0.015 min
Response: 9977705
Conc: 94.21 ug/ml



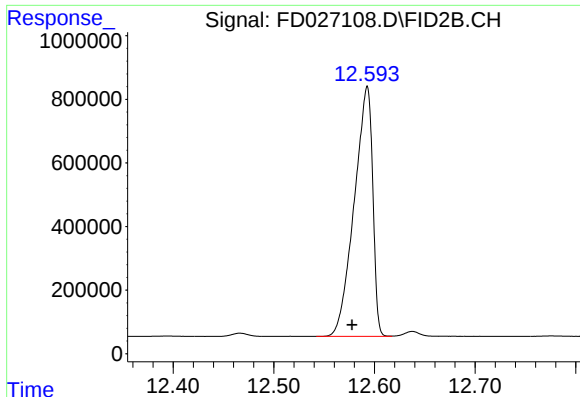
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.008 min
Response: 9938690
Conc: 92.99 ug/ml



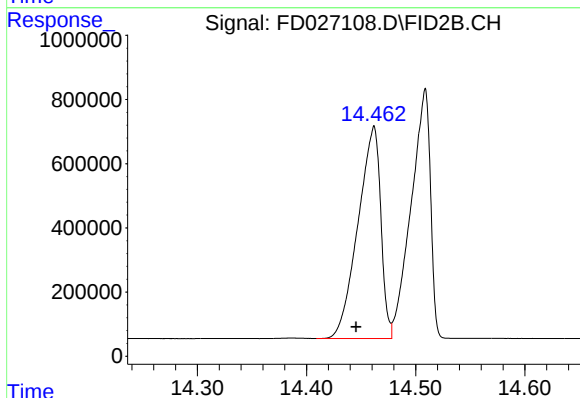
#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: 0.015 min
Response: 10043000
Conc: 95.16 ug/ml



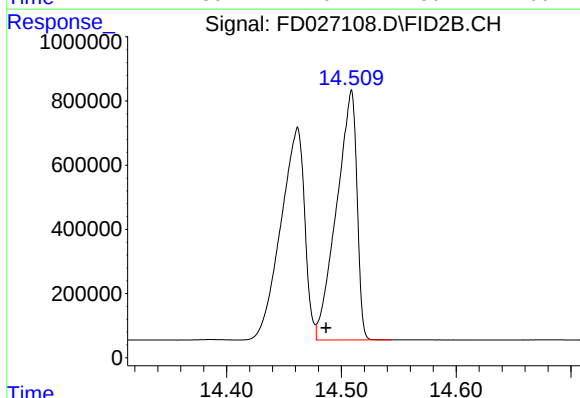
#13 Pyrene (C20.8)

R.T.: 12.593 min
Delta R.T.: 0.015 min
Response: 10020532
Conc: 96.20 ug/ml



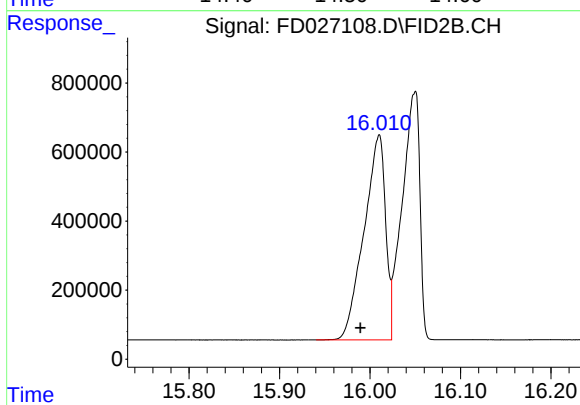
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: 0.016 min
Response: 9581052
Conc: 96.85 ug/ml



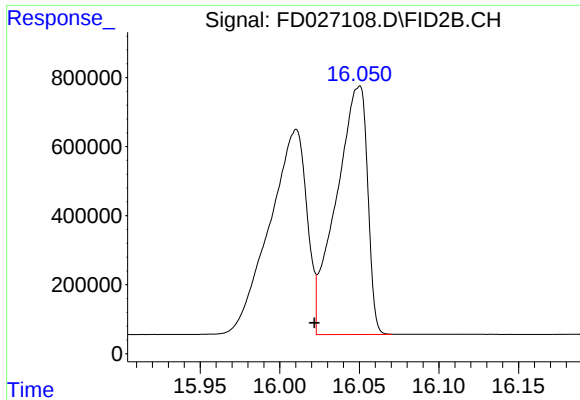
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: 0.022 min
Response: 9572422
Conc: 96.05 ug/ml



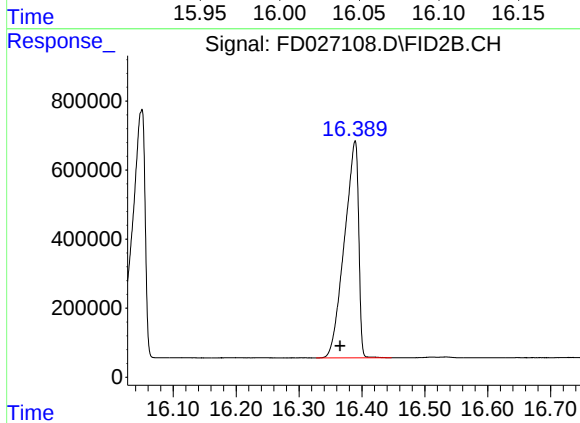
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.010 min
Delta R.T.: 0.021 min
Response: 9835896
Conc: 96.45 ug/ml



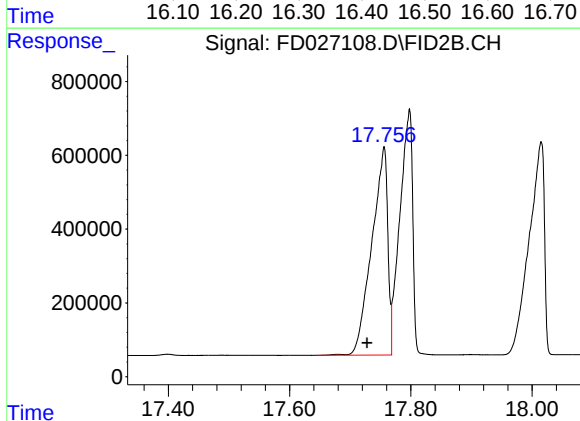
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.050 min
Delta R.T.: 0.028 min
Response: 9791970
Conc: 96.25 ug/ml m



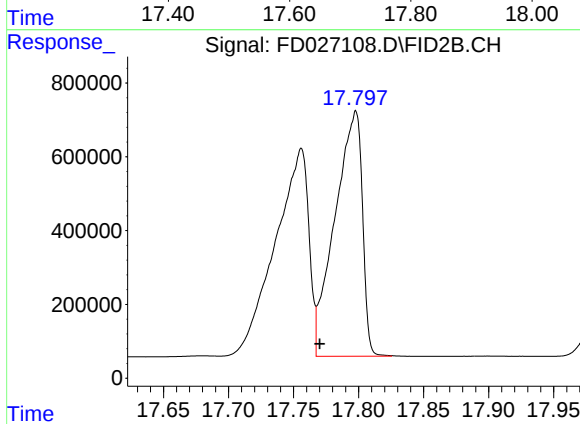
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: 0.023 min
Response: 9867253
Conc: 96.31 ug/ml



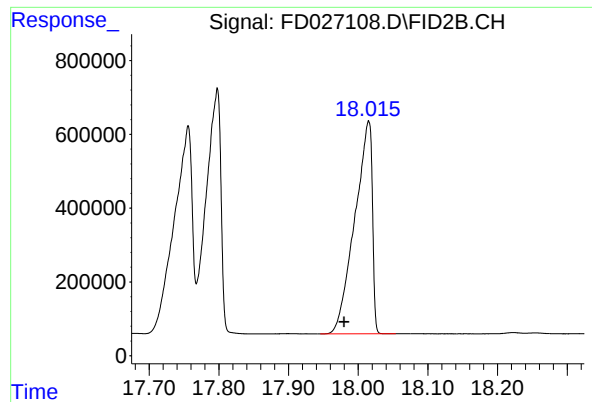
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: 0.028 min
Response: 10299998
Conc: 97.85 ug/ml



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

R.T.: 17.797 min
Delta R.T.: 0.027 min
Response: 9723915
Conc: 93.06 ug/ml m



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

R.T.: 18.015 min
Delta R.T.: 0.035 min
Response: 10077533
Conc: 95.30 ug/ml