

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071919AR\
 Data File : FD029815.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2019 21:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 23:47:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.686	3233420	20.433 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
6) S 2-Fluorobiphenyl (SURR)	8.549	2171981	20.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.583	3360521	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3490349	20.644 ug/ml
2) T Naphthalene (C11.7)	6.027	3676287	20.542 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3607999	20.452 ug/ml
5) T Acenaphthylene (C15.06)	8.353	3414732	20.171 ug/ml
7) T Acenaphthene (C15.5)	8.648	3567740	20.247 ug/ml
8) T Fluorene (C16.55)	9.427	3511129	20.094 ug/ml
9) T Phenanthrene (C19.36)	10.821	3450330	19.896 ug/ml
10) T Anthracene (C19.43)	10.895	3315746	19.611 ug/ml
12) T Fluoranthene (C21.85)	12.628	3304329	19.296 ug/ml
13) T Pyrene (C20.8)	12.925	3263311	19.183 ug/ml
14) T Benzo[a]anthracene (C...	14.790	2901435	18.612 ug/ml
15) T Chrysene (C27.41)	14.834	2901543	18.616 ug/ml
16) T benzo[b]fluoranthene ...	16.336	2688495	18.411 ug/ml
17) T Bnezo[k]fluoranthene ...	16.369	2666033	18.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	2607212	18.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	2506845	19.677 ug/ml
20) T Dibenz[a,h]anthracene...	18.113	2508800	20.061 ug/ml
21) T Benzo[g,h,i]perylene ...	18.329	2520329	20.204 ug/ml

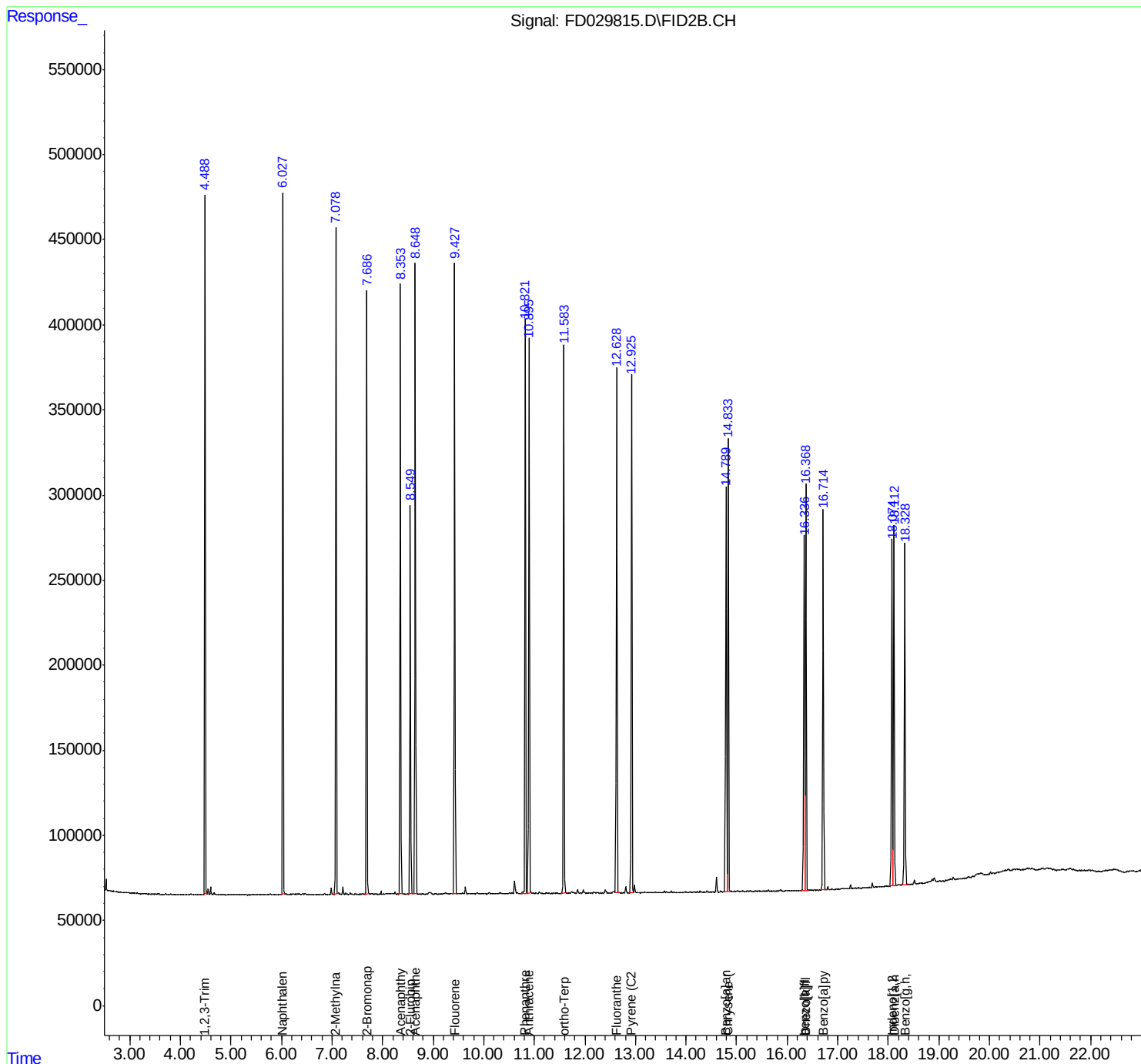
(f)=RT Delta > 1/2 Window

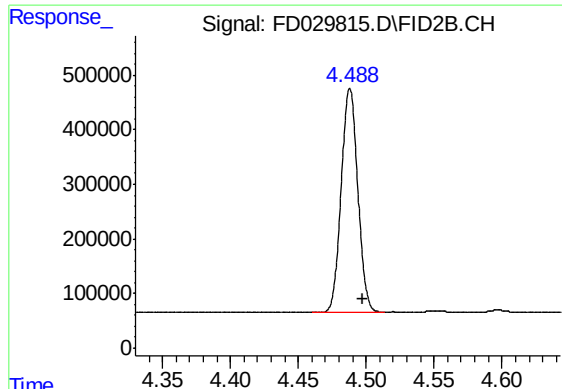
(m)=manual int.

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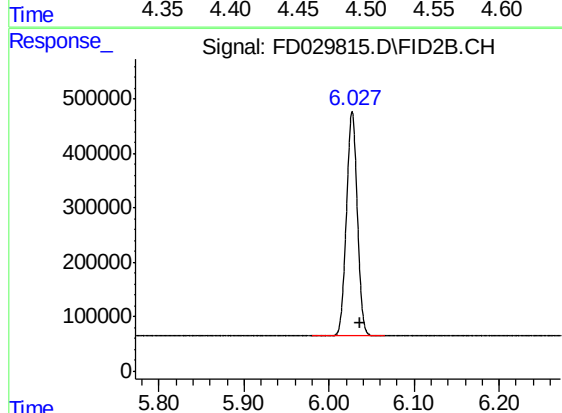
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





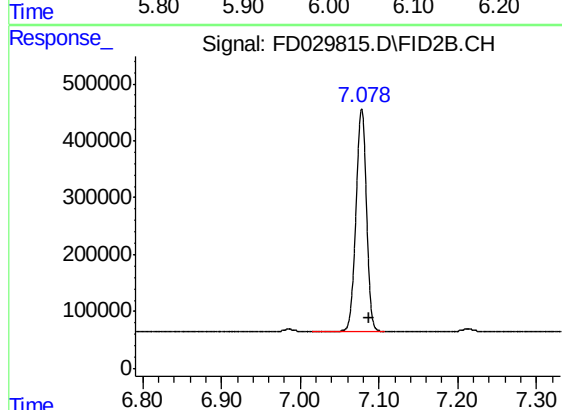
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.488 min
Delta R.T.: -0.009 min
Response: 3490349
Conc: 20.64 ug/ml



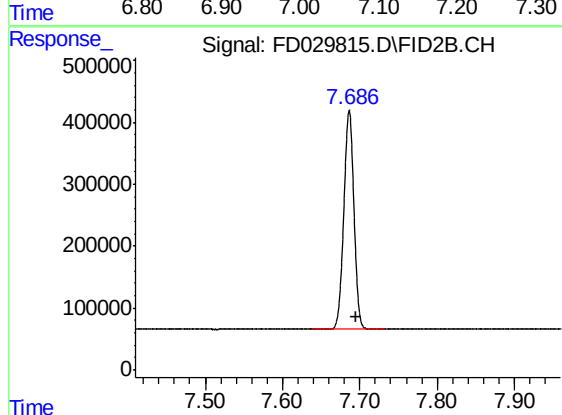
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.009 min
Response: 3676287
Conc: 20.54 ug/ml



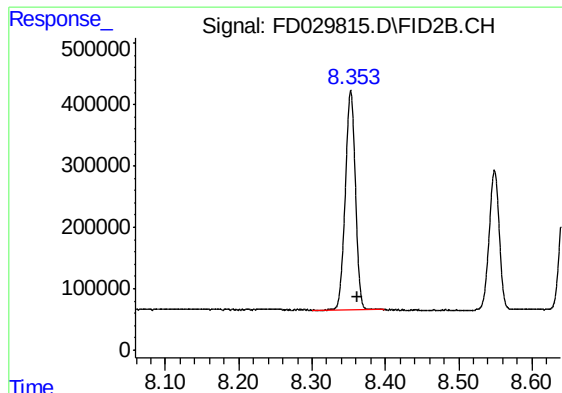
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.009 min
Response: 3607999
Conc: 20.45 ug/ml



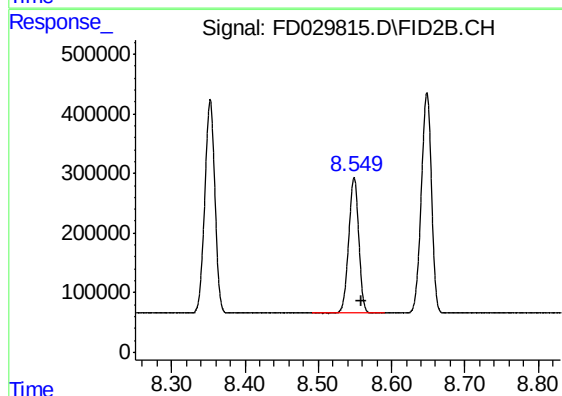
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 3233420
Conc: 20.43 ug/ml



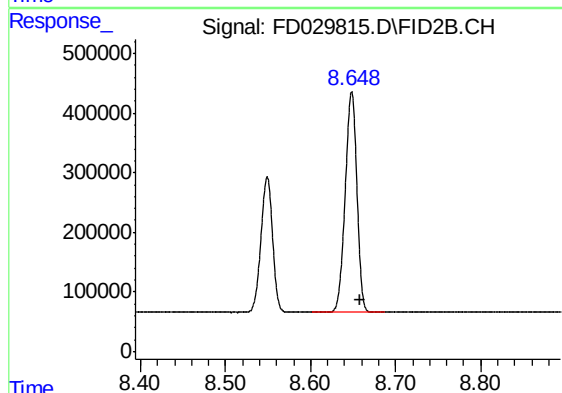
#5 Acenaphthylene (C15.06)

R.T.: 8.353 min
Delta R.T.: -0.010 min
Response: 3414732
Conc: 20.17 ug/ml



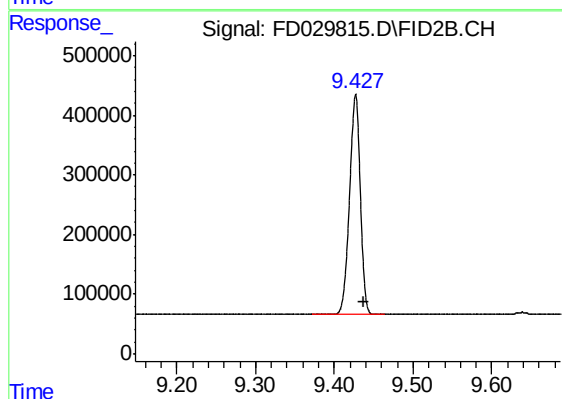
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.549 min
Delta R.T.: -0.009 min
Response: 2171981
Conc: 20.22 ug/ml



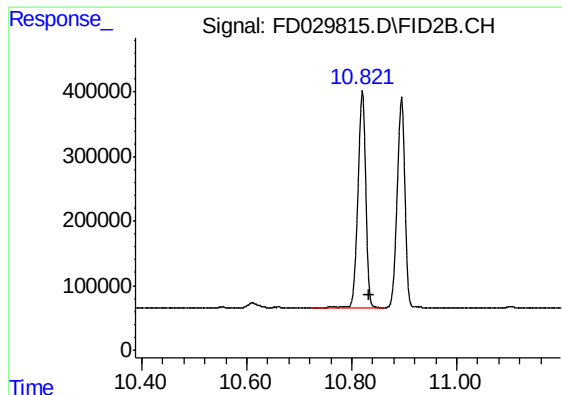
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.010 min
Response: 3567740
Conc: 20.25 ug/ml



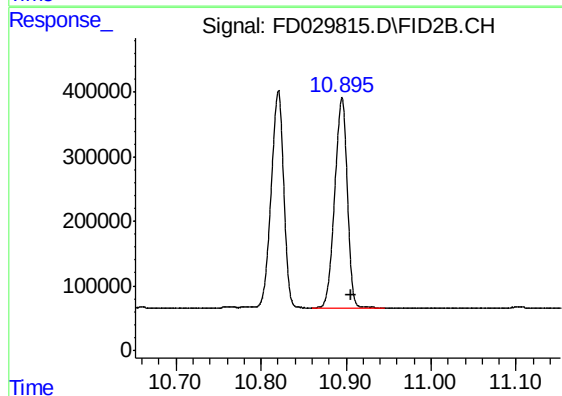
#8 Flouorene (C16.55)

R.T.: 9.427 min
Delta R.T.: -0.010 min
Response: 3511129
Conc: 20.09 ug/ml



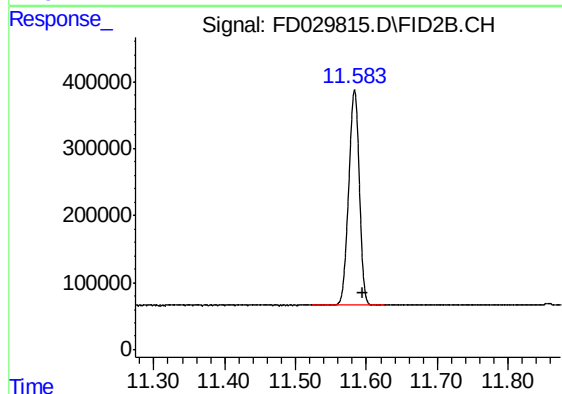
#9 Phenanthrene (C19.36)

R.T.: 10.821 min
Delta R.T.: -0.012 min
Response: 3450330
Conc: 19.90 ug/ml



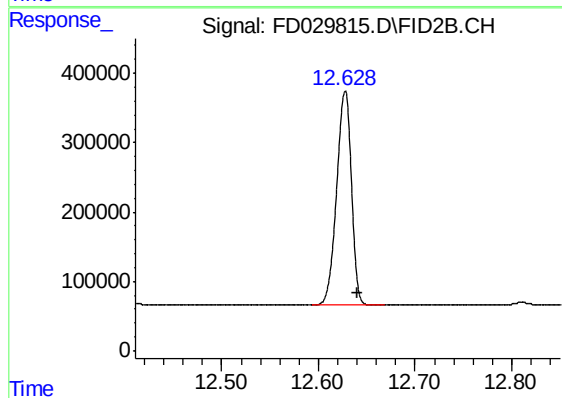
#10 Anthracene (C19.43)

R.T.: 10.895 min
Delta R.T.: -0.011 min
Response: 3315746
Conc: 19.61 ug/ml



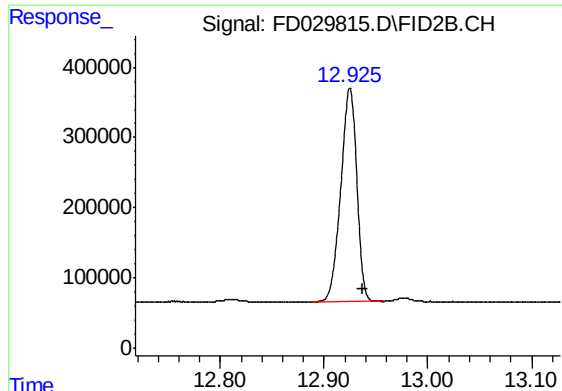
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.011 min
Response: 3360521
Conc: 19.80 ug/ml



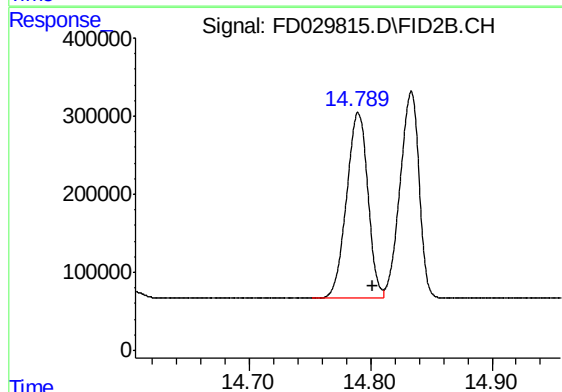
#12 Fluoranthene (C21.85)

R.T.: 12.628 min
Delta R.T.: -0.012 min
Response: 3304329
Conc: 19.30 ug/ml



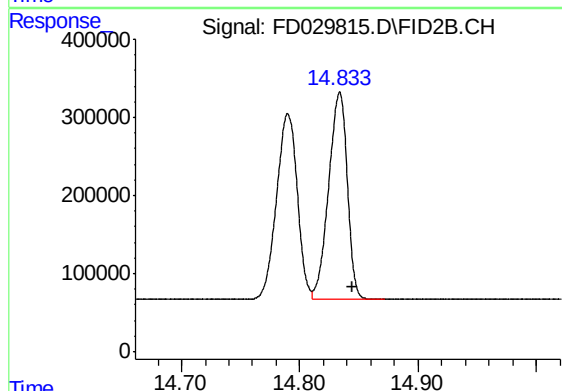
#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: -0.012 min
Response: 3263311
Conc: 19.18 ug/ml



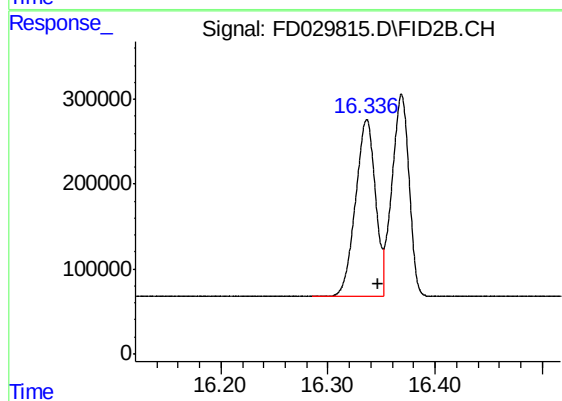
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: -0.012 min
Response: 2901435
Conc: 18.61 ug/ml



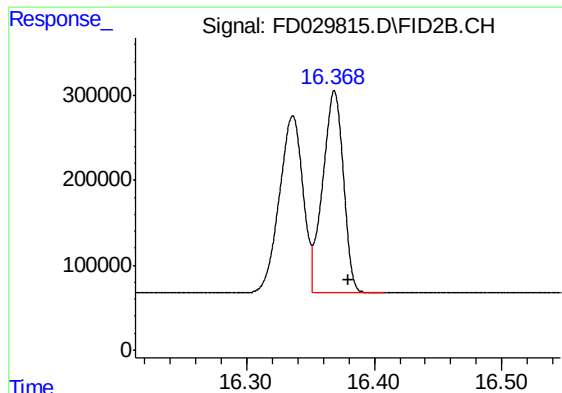
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: -0.011 min
Response: 2901543
Conc: 18.62 ug/ml



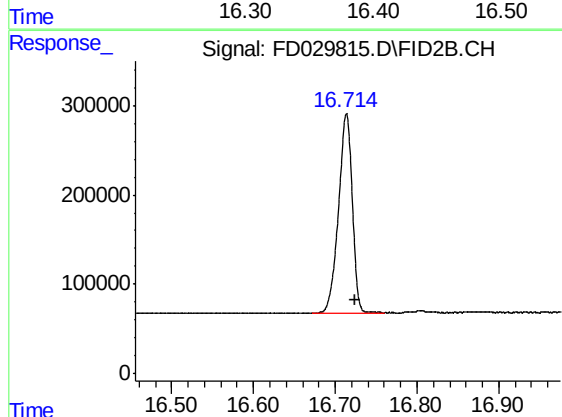
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.336 min
Delta R.T.: -0.011 min
Response: 2688495
Conc: 18.41 ug/ml



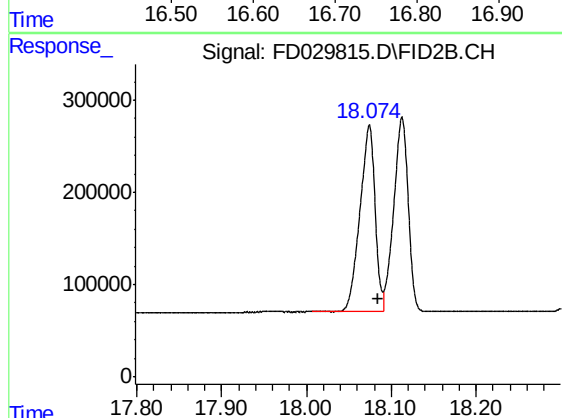
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.369 min
Delta R.T.: -0.011 min
Response: 2666033
Conc: 18.43 ug/ml



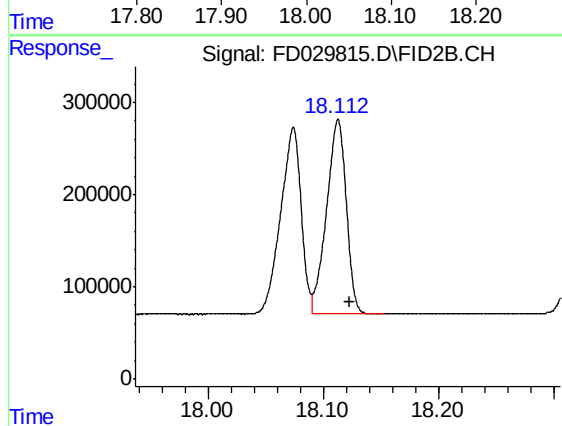
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: -0.011 min
Response: 2607212
Conc: 18.59 ug/ml



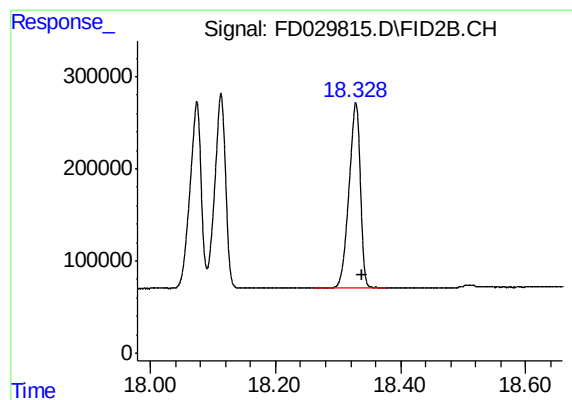
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: -0.010 min
Response: 2506845
Conc: 19.68 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.010 min
Response: 2508800
Conc: 20.06 ug/ml



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

R.T.: 18.329 min
Delta R.T.: -0.011 min
Response: 2520329
Conc: 20.20 ug/ml