

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071019AR\
 Data File : FD029705.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2019 10:08
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 13:05:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 12:37:05 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...	7.704	14988143	97.375 ug/ml
Spiked Amount 50.000		Recovery =	194.75%
6) S 2-Fluorobiphenyl (SURR)	8.569	10196060	97.355 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.71%#
11) S ortho-Terphenyl (SURR)	11.606	15870186	95.729 ug/ml
Spiked Amount 50.000		Recovery =	191.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	16039620	98.529 ug/ml
2) T Naphthalene (C11.7)	6.044	16970834	97.874 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	16724335	97.658 ug/ml
5) T Acenaphthylene (C15.06)	8.374	15918765	96.611 ug/ml
7) T Acenaphthene (C15.5)	8.672	16635667	96.920 ug/ml
8) T Flouorene (C16.55)	9.451	16459917	96.519 ug/ml
9) T Phenanthrene (C19.36)	10.847	16236327	95.342 ug/ml
10) T Anthracene (C19.43)	10.924	15853014	95.639 ug/ml
12) T Fluoranthene (C21.85)	12.658	15895289	94.938 ug/ml
13) T Pyrene (C20.8)	12.956	15802959	94.803 ug/ml
14) T Benzo[a]anthracene (C...	14.820	14344640	93.502 ug/ml
15) T Chrysene (C27.41)	14.869	14281119	93.307 ug/ml
16) T benzo[b]fluoranthene ...	16.367	13318537	92.399 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	13023513	91.301 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.750	12811663	92.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	12276530	98.524 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	11181916	90.501 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.373	11716878	95.633 ug/mlm

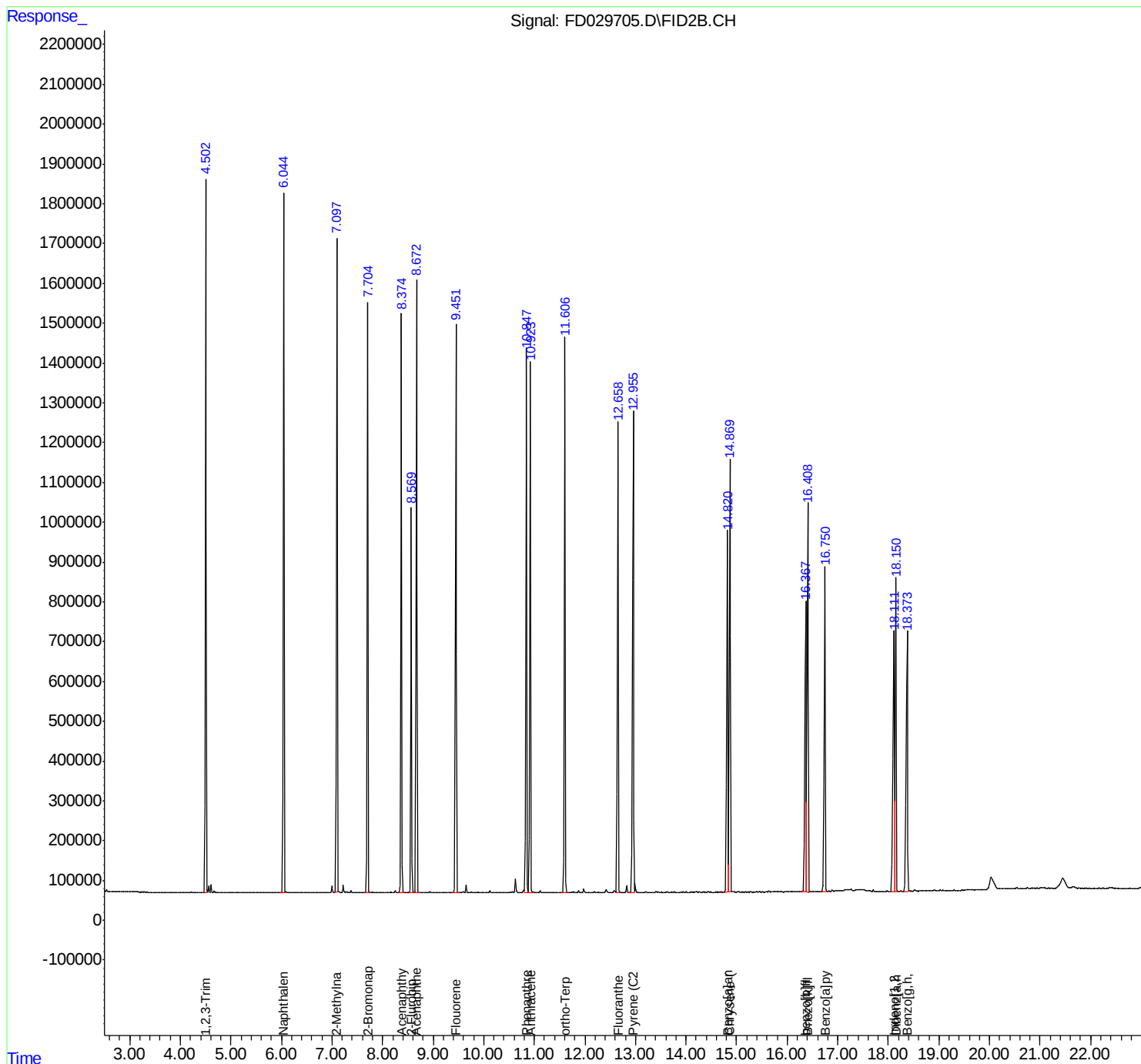
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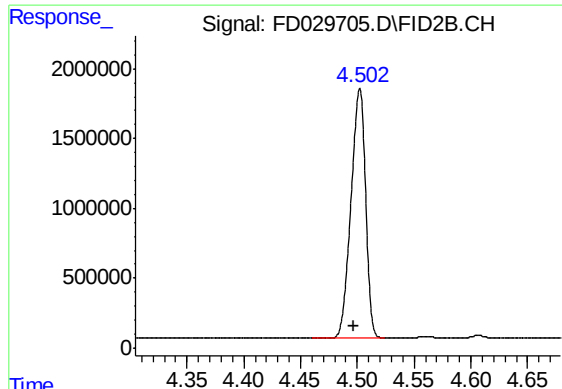
(m)=manual int.

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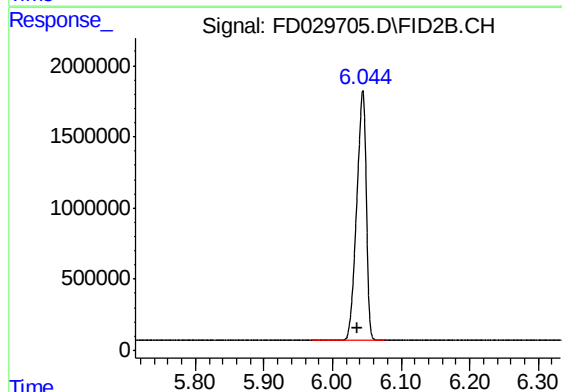
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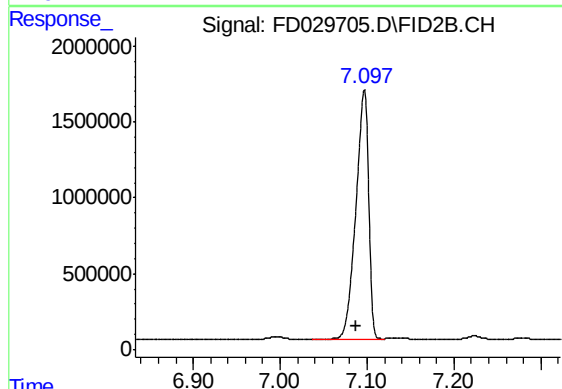
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 16039620
Conc: 98.53 ug/ml



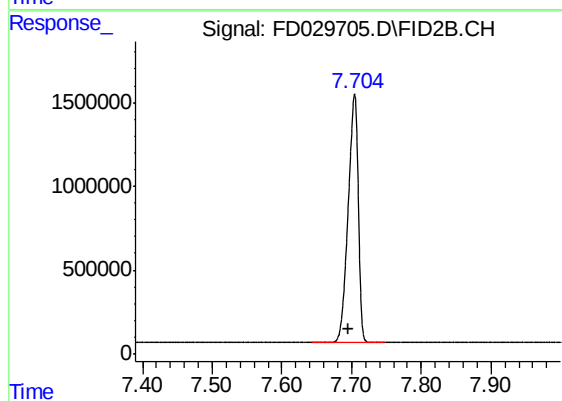
#2 Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: 0.008 min
Response: 16970834
Conc: 97.87 ug/ml



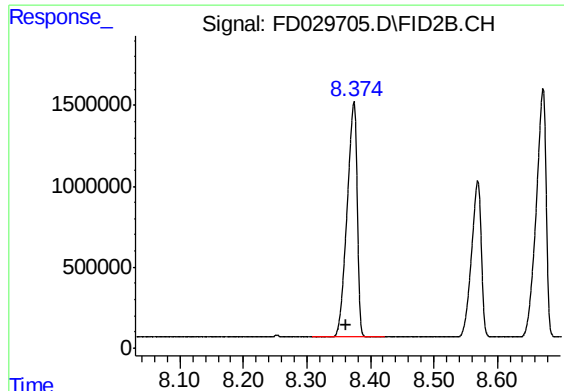
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: 0.010 min
Response: 16724335
Conc: 97.66 ug/ml



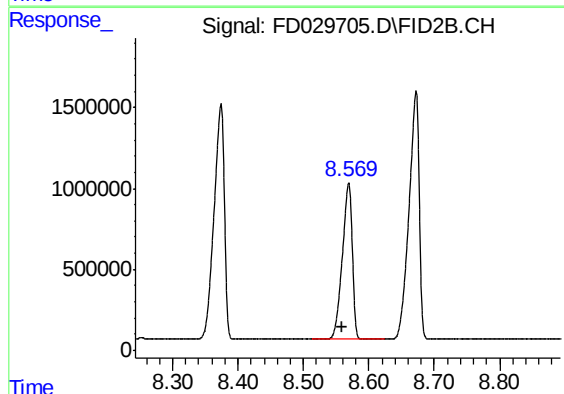
#4 2-Bromonaphthalene (SURR)

R.T.: 7.704 min
Delta R.T.: 0.009 min
Response: 14988143
Conc: 97.38 ug/ml



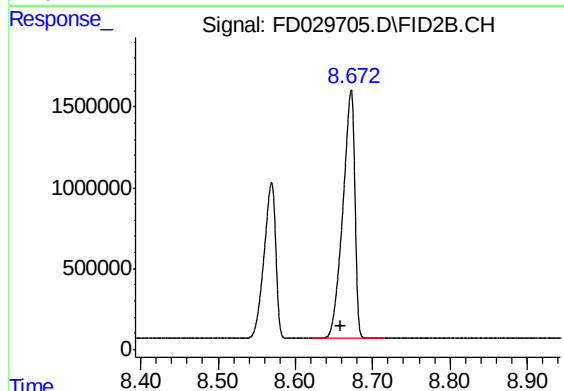
#5 Acenaphthylene (C15.06)

R.T.: 8.374 min
Delta R.T.: 0.011 min
Response: 15918765
Conc: 96.61 ug/ml



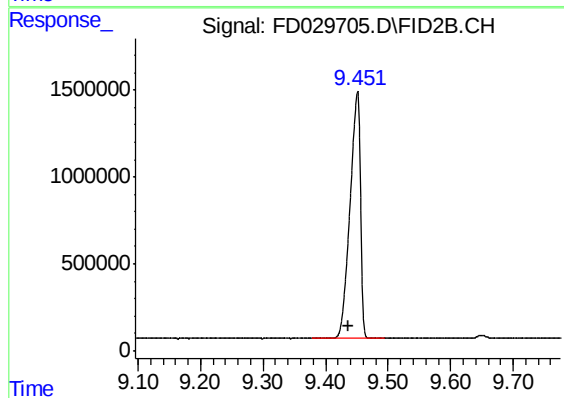
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 10196060
Conc: 97.35 ug/ml



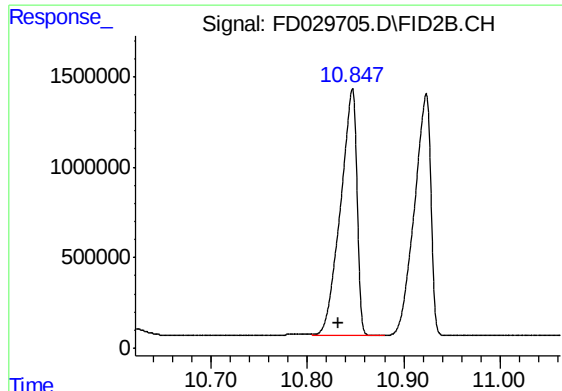
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.014 min
Response: 16635667
Conc: 96.92 ug/ml



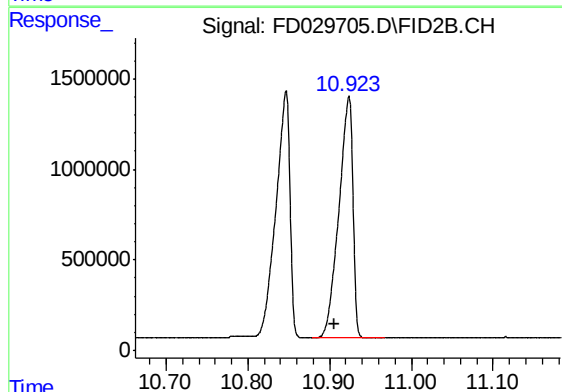
#8 Fluorene (C16.55)

R.T.: 9.451 min
Delta R.T.: 0.013 min
Response: 16459917
Conc: 96.52 ug/ml



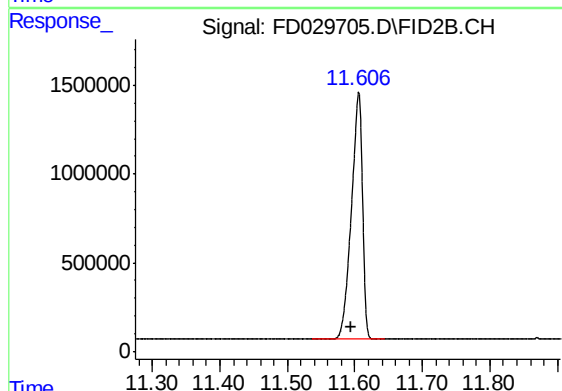
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: 0.014 min
Response: 16236327
Conc: 95.34 ug/ml



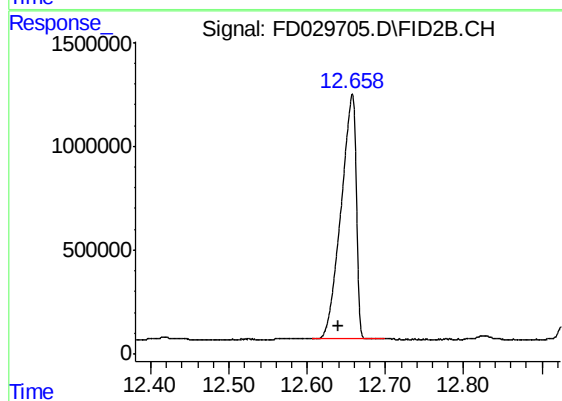
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.017 min
Response: 15853014
Conc: 95.64 ug/ml



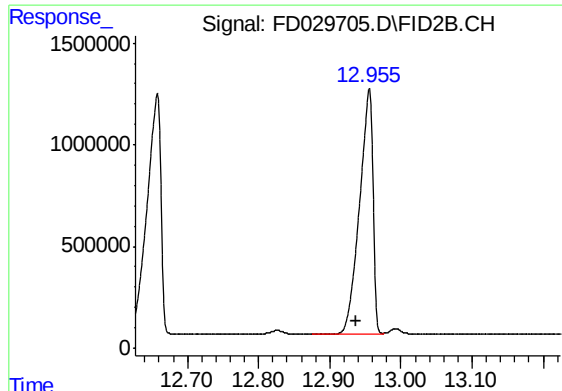
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: 0.011 min
Response: 15870186
Conc: 95.73 ug/ml



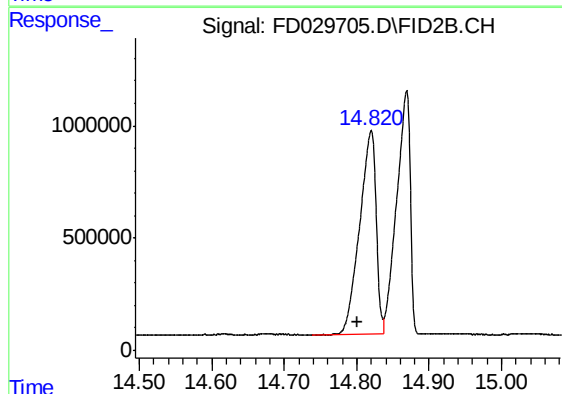
#12 Fluoranthene (C21.85)

R.T.: 12.658 min
Delta R.T.: 0.017 min
Response: 15895289
Conc: 94.94 ug/ml



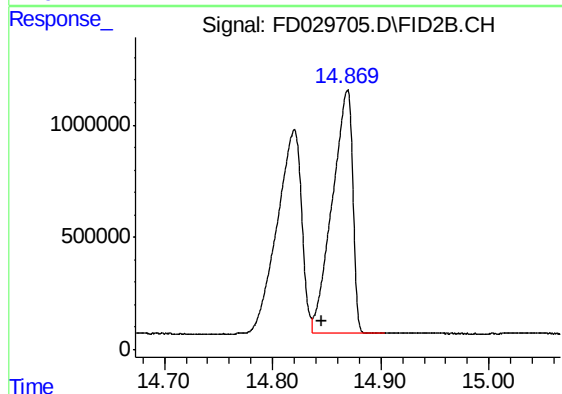
#13 Pyrene (C20.8)

R.T.: 12.956 min
Delta R.T.: 0.018 min
Response: 15802959
Conc: 94.80 ug/ml



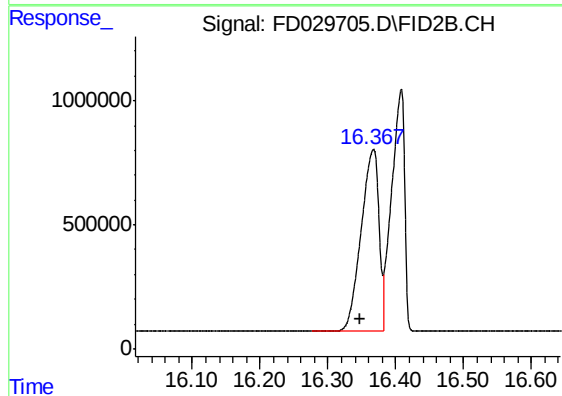
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.820 min
Delta R.T.: 0.018 min
Response: 14344640
Conc: 93.50 ug/ml



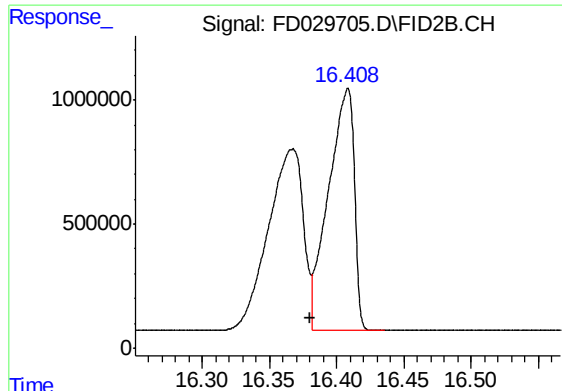
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: 0.024 min
Response: 14281119
Conc: 93.31 ug/ml



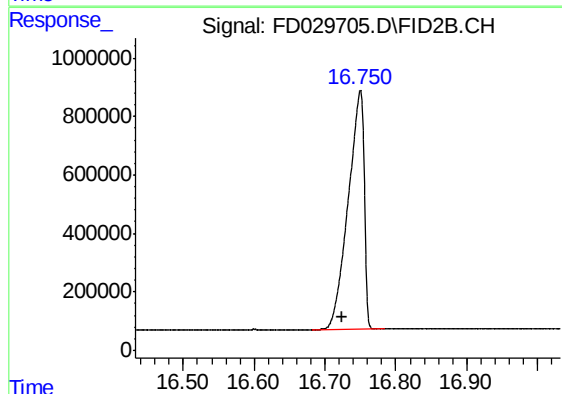
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.367 min
Delta R.T.: 0.020 min
Response: 13318537
Conc: 92.40 ug/ml



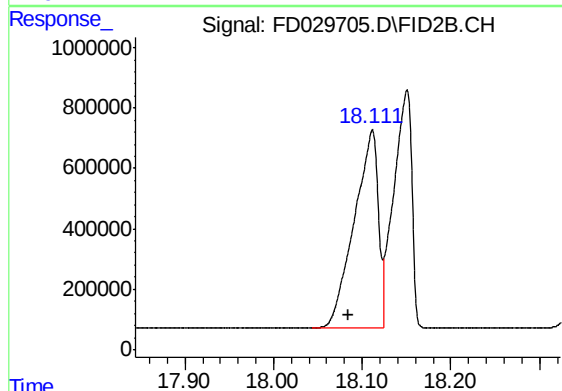
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: 0.028 min
Response: 13023513
Conc: 91.30 ug/ml m



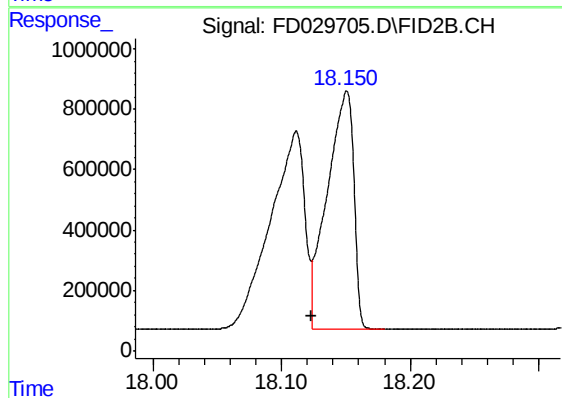
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.025 min
Response: 12811663
Conc: 92.78 ug/ml



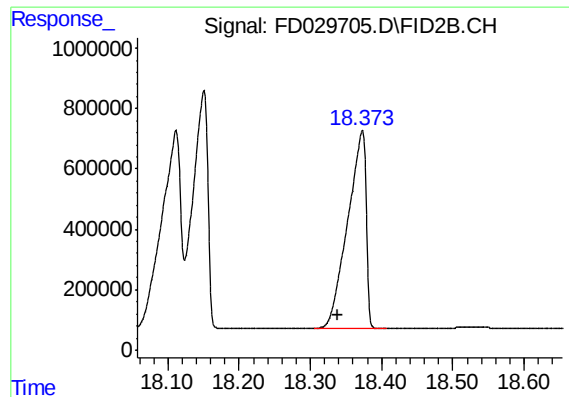
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: 0.027 min
Response: 12276530
Conc: 98.52 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.027 min
Response: 11181916
Conc: 90.50 ug/ml m



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

R.T.: 18.373 min
Delta R.T.: 0.034 min
Response: 11716878
Conc: 95.63 ug/ml m