

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071019AR\
 Data File : FD029708.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2019 12:10
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 13:05:49 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...	7.695	1627744	10.575 ug/ml
Spiked Amount 50.000		Recovery =	21.15%
6) S 2-Fluorobiphenyl (SURR)	8.558	1100214	10.505 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.01%
11) S ortho-Terphenyl (SURR)	11.593	1743884	10.519 ug/ml
Spiked Amount 50.000		Recovery =	21.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	1754433	10.777 ug/ml
2) T Naphthalene (C11.7)	6.035	1845285	10.642 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	1816588	10.608 ug/ml
5) T Acenaphthylene (C15.06)	8.361	1741017	10.566 ug/ml
7) T Acenaphthene (C15.5)	8.657	1813106	10.563 ug/ml
8) T Fluorene (C16.55)	9.435	1793583	10.517 ug/ml
9) T Phenanthrene (C19.36)	10.830	1779979	10.452 ug/ml
10) T Anthracene (C19.43)	10.904	1730254	10.438 ug/ml
12) T Fluoranthene (C21.85)	12.637	1762452	10.527 ug/ml
13) T Pyrene (C20.8)	12.934	1747110	10.481 ug/ml
14) T Benzo[a]anthracene (C...	14.797	1608795	10.487 ug/ml
15) T Chrysene (C27.41)	14.841	1612649	10.536 ug/ml
16) T benzo[b]fluoranthene ...	16.342	1521236	10.554 ug/ml
17) T Bnezo[k]fluoranthene ...	16.374	1512985	10.607 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.721	1465883	10.615 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	1311181	10.523 ug/ml
20) T Dibenz[a,h]anthracene...	18.119	1316017	10.651 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	1308118	10.677 ug/ml

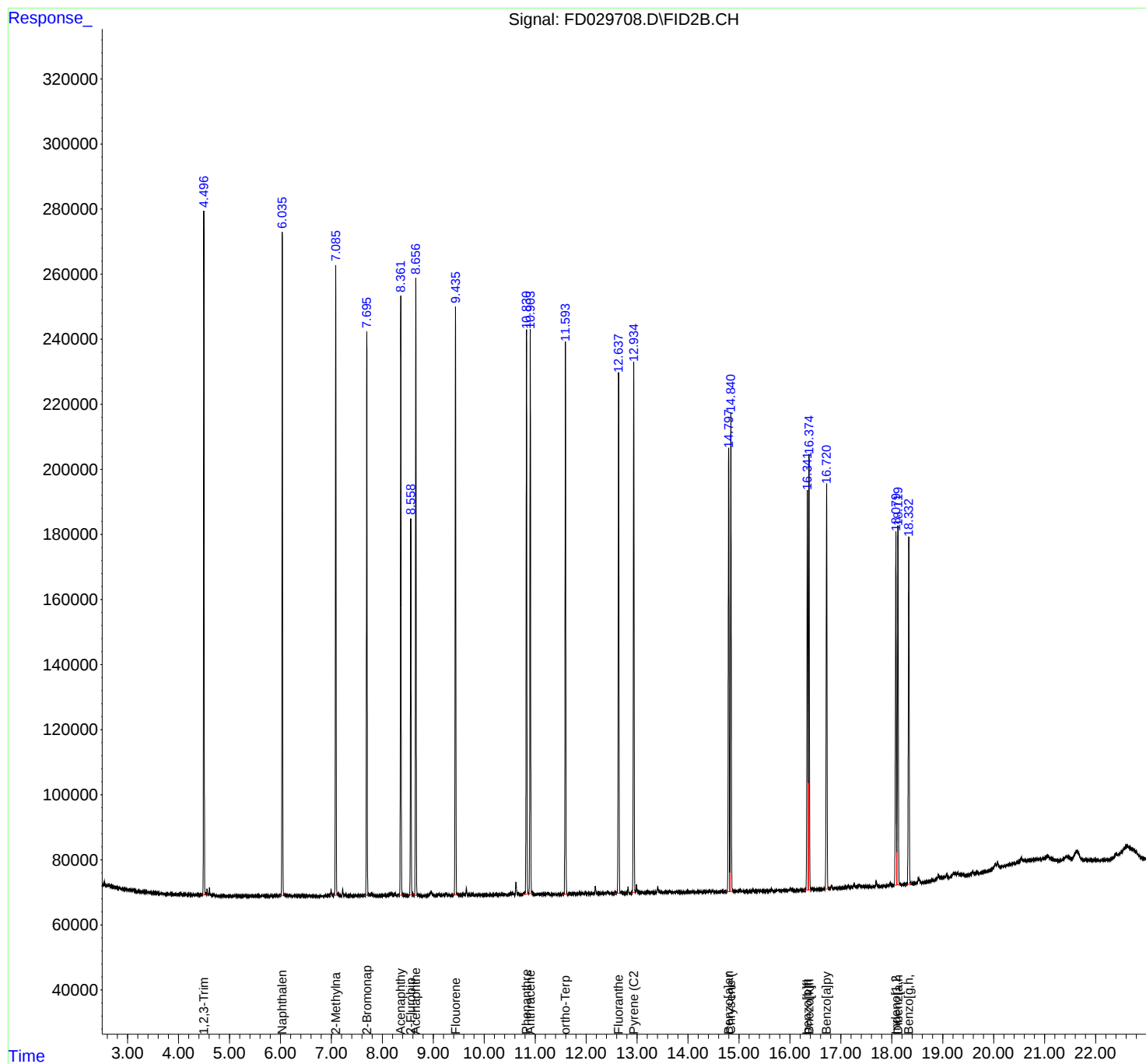
(f)=RT Delta > 1/2 Window

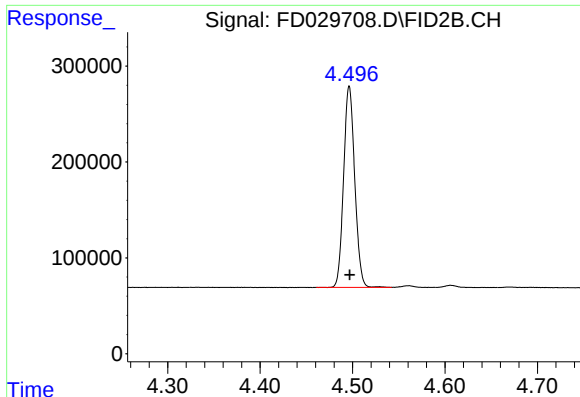
(m)=manual int.

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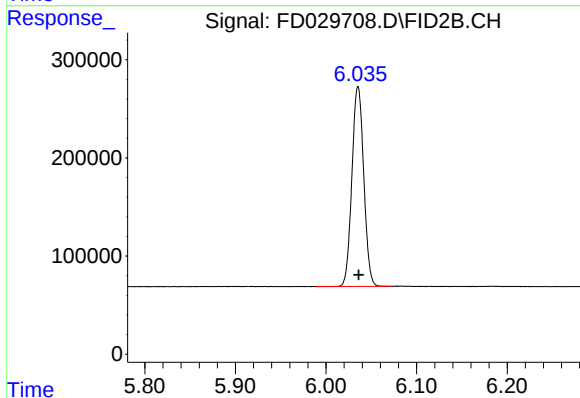
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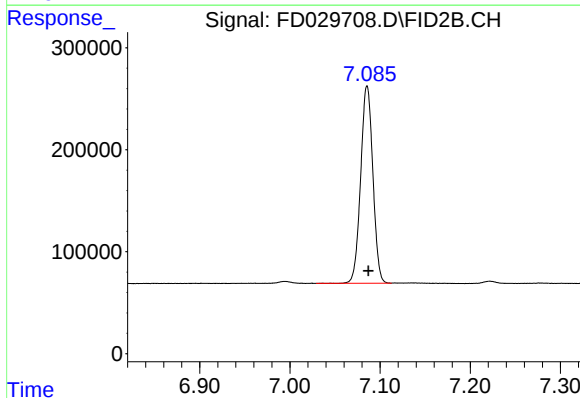
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 1754433
Conc: 10.78 ug/ml



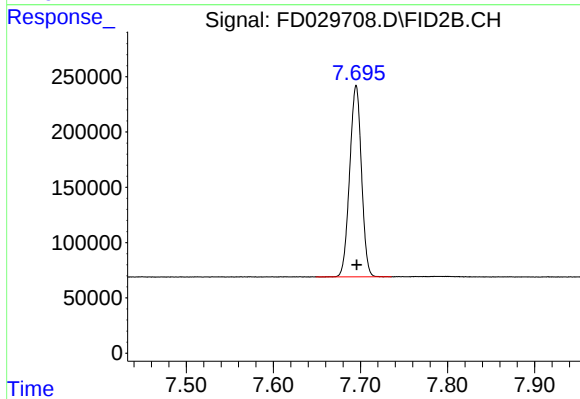
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1845285
Conc: 10.64 ug/ml



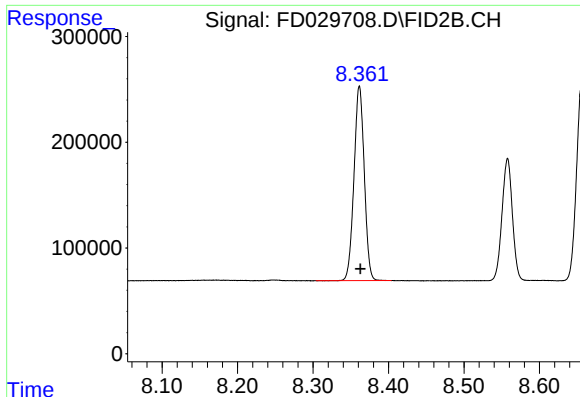
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 1816588
Conc: 10.61 ug/ml



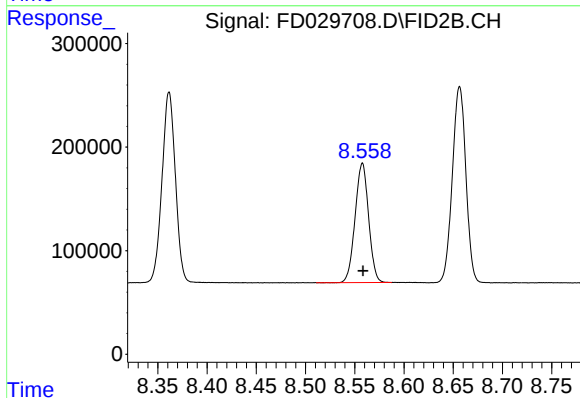
#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 1627744
Conc: 10.58 ug/ml



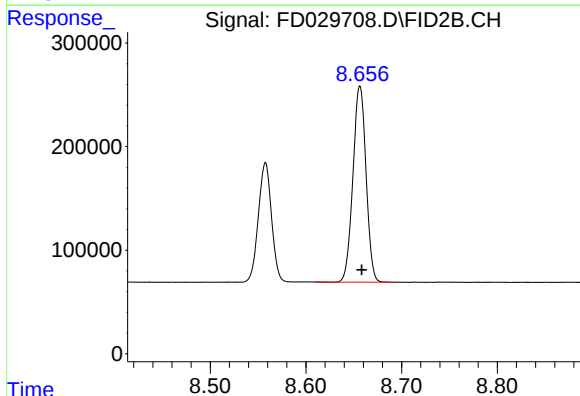
#5 Acenaphthylene (C15.06)

R.T.: 8.361 min
Delta R.T.: -0.001 min
Response: 1741017
Conc: 10.57 ug/ml



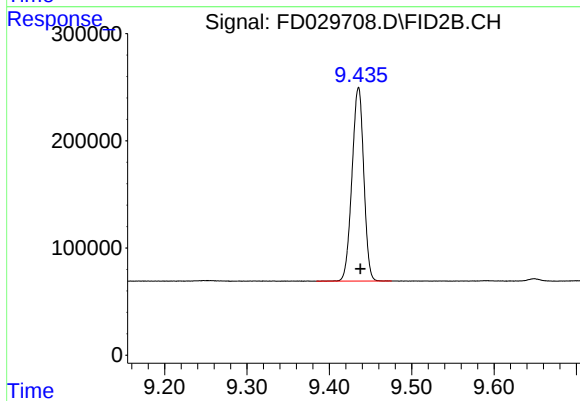
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 1100214
Conc: 10.51 ug/ml



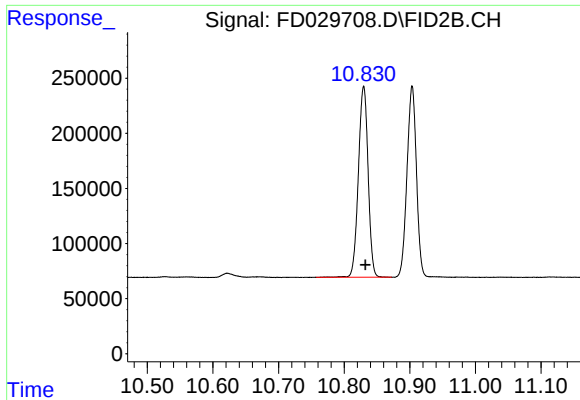
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: -0.002 min
Response: 1813106
Conc: 10.56 ug/ml



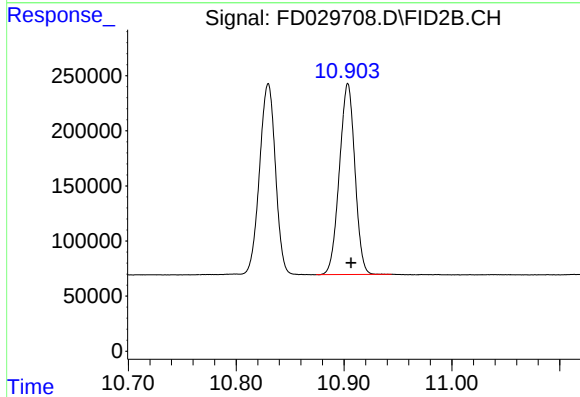
#8 Fluorene (C16.55)

R.T.: 9.435 min
Delta R.T.: -0.002 min
Response: 1793583
Conc: 10.52 ug/ml



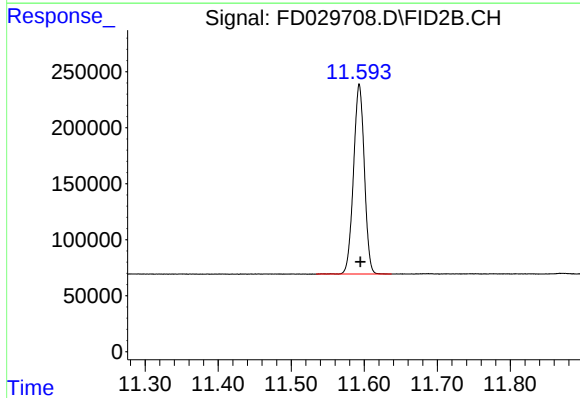
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.002 min
Response: 1779979
Conc: 10.45 ug/ml



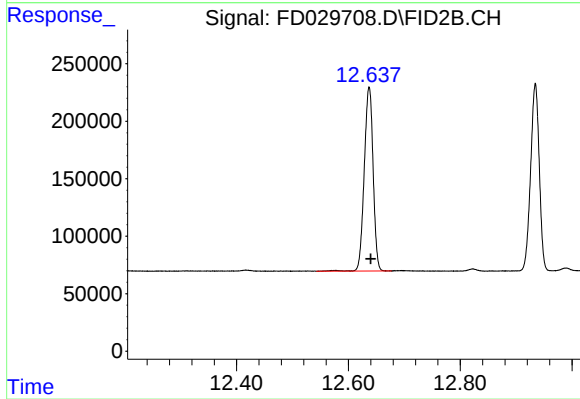
#10 Anthracene (C19.43)

R.T.: 10.904 min
Delta R.T.: -0.003 min
Response: 1730254
Conc: 10.44 ug/ml



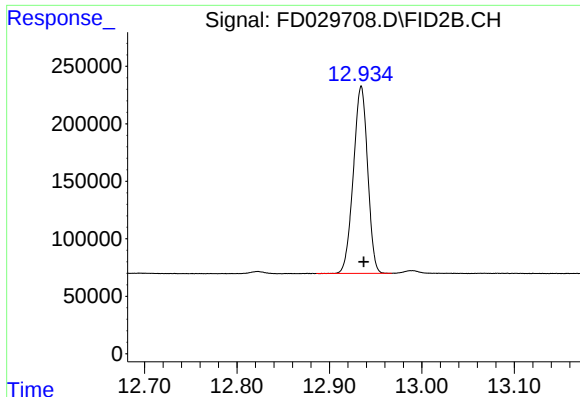
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.002 min
Response: 1743884
Conc: 10.52 ug/ml



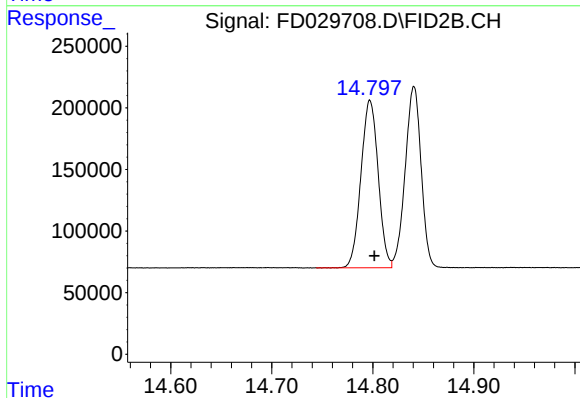
#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: -0.003 min
Response: 1762452
Conc: 10.53 ug/ml



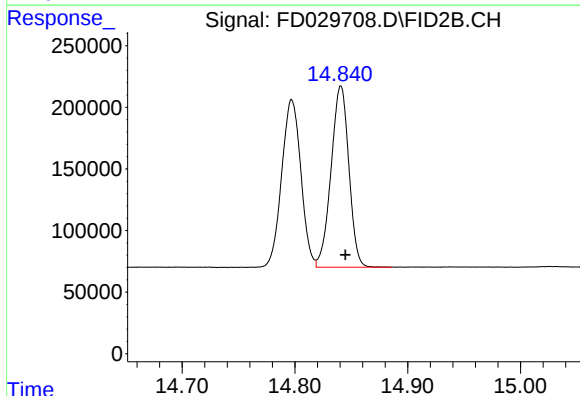
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: -0.003 min
Response: 1747110
Conc: 10.48 ug/ml



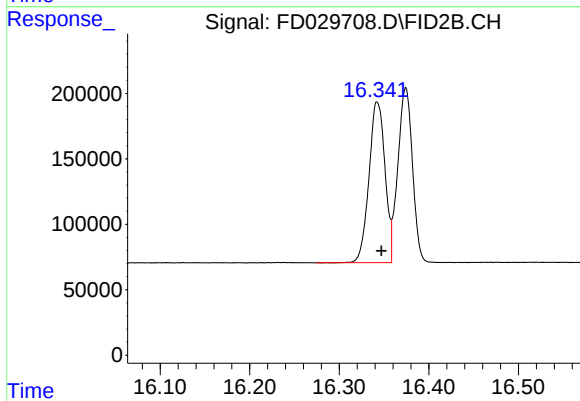
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 1608795
Conc: 10.49 ug/ml



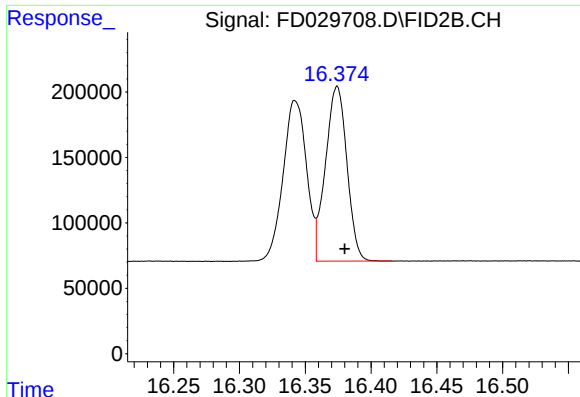
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: -0.004 min
Response: 1612649
Conc: 10.54 ug/ml



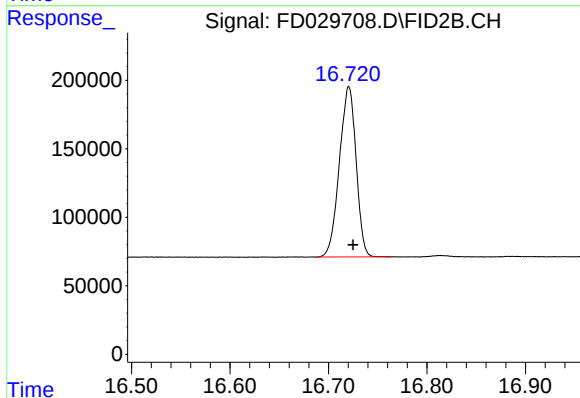
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: -0.005 min
Response: 1521236
Conc: 10.55 ug/ml



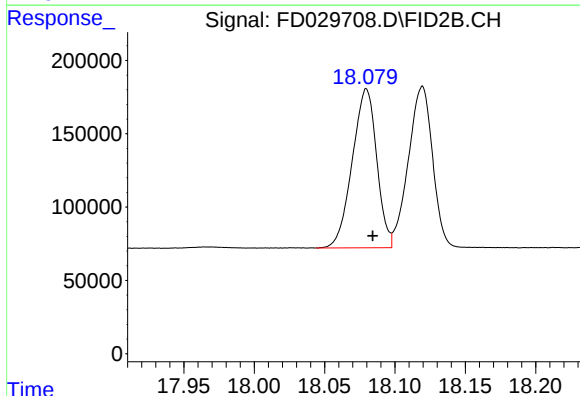
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.374 min
Delta R.T.: -0.006 min
Response: 1512985
Conc: 10.61 ug/ml



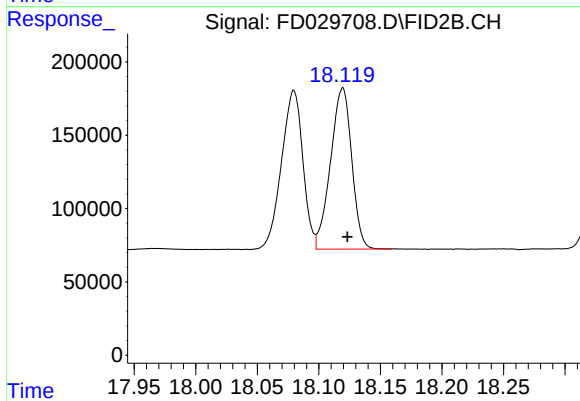
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.721 min
Delta R.T.: -0.004 min
Response: 1465883
Conc: 10.62 ug/ml



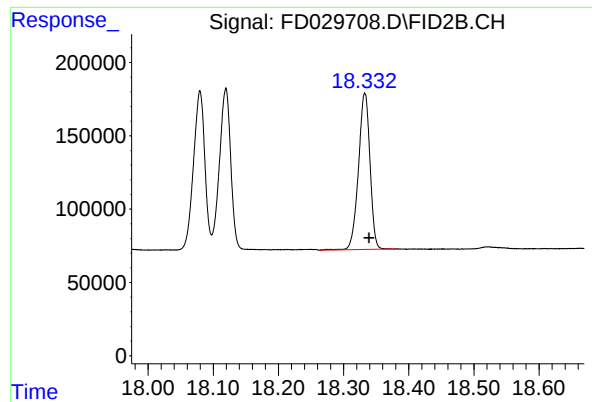
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: -0.004 min
Response: 1311181
Conc: 10.52 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.004 min
Response: 1316017
Conc: 10.65 ug/ml



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

R.T.: 18.333 min
Delta R.T.: -0.006 min
Response: 1308118
Conc: 10.68 ug/ml