

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070820AR\
 Data File : FD033927.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2020 3:35
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 06:16:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:16:04 2020
 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...	7.716	11790772	97.320 ug/ml
Spiked Amount 50.000		Recovery =	194.64%
6) S 2-Fluorobiphenyl (SURR)	8.583	8293596	97.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.14%#
11) S ortho-Terphenyl (SURR)	11.627	13164308	96.299 ug/ml
Spiked Amount 50.000		Recovery =	192.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	13079441	98.411 ug/ml
2) T Naphthalene (C11.7)	6.054	13609688	97.540 ug/ml
3) T 2-Methylnaphthalene (...)	7.108	13659175	97.274 ug/ml
5) T Acenaphthylene (C15.06)	8.387	13083373	96.755 ug/ml
7) T Acenaphthene (C15.5)	8.685	13378640	96.868 ug/ml
8) T Fluorene (C16.55)	9.466	13118679	96.728 ug/ml
9) T Phenanthrene (C19.36)	10.865	13041119	96.365 ug/ml
10) T Anthracene (C19.43)	10.942	12889282	96.377 ug/ml
12) T Fluoranthene (C21.85)	12.679	12848291	95.854 ug/ml
13) T Pyrene (C20.8)	12.978	12534498	95.880 ug/ml
14) T Benzo[a]anthracene (C...	14.847	12079754	96.788 ug/ml
15) T Chrysene (C27.41)	14.895	12023645	96.483 ug/ml
16) T benzo[b]fluoranthene ...	16.398	11658043	98.625 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	11243842	97.575 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	11382583	98.615 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.145	11303133	103.636 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	10629531	97.443 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.406	10938638	100.473 ug/ml

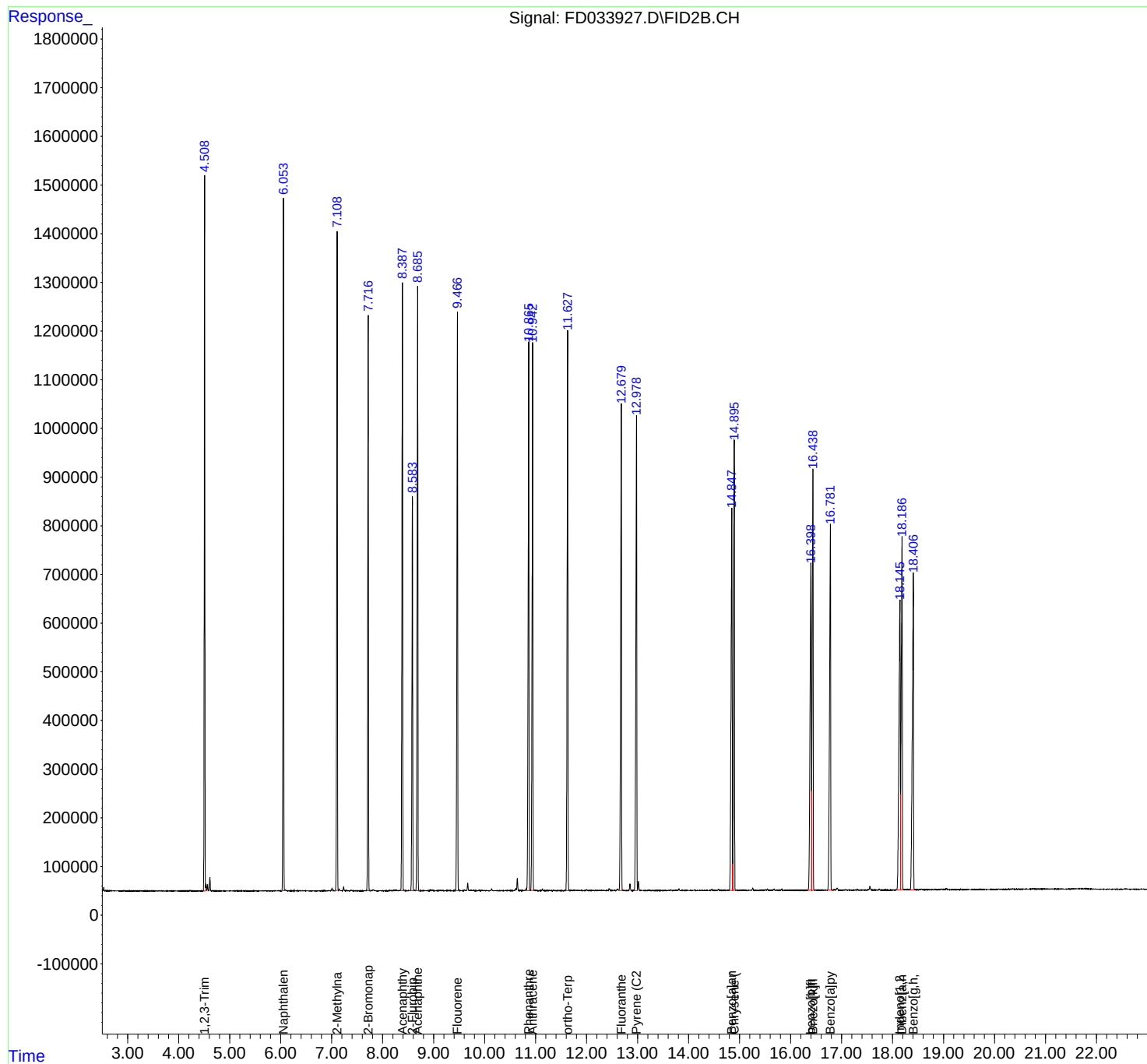
(f)=RT Delta > 1/2 Window

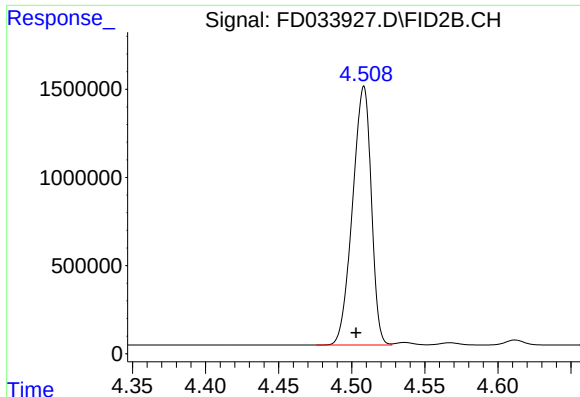
(m)=manual int.

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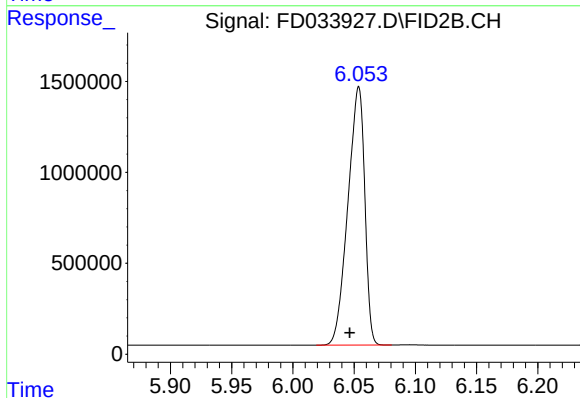
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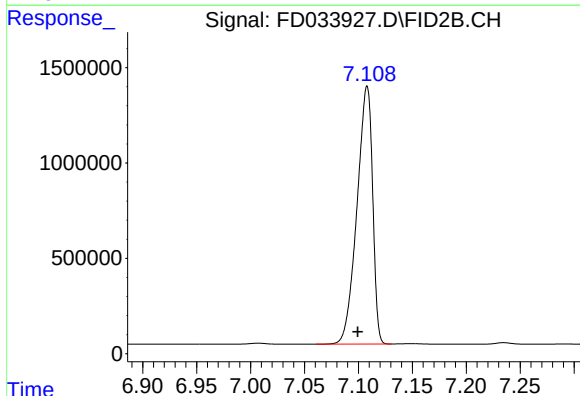
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.508 min
Delta R.T.: 0.005 min
Response: 13079441
Conc: 98.41 ug/ml



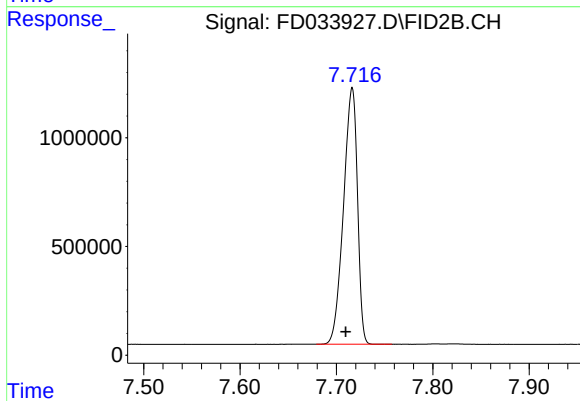
#2 Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: 0.007 min
Response: 13609688
Conc: 97.54 ug/ml



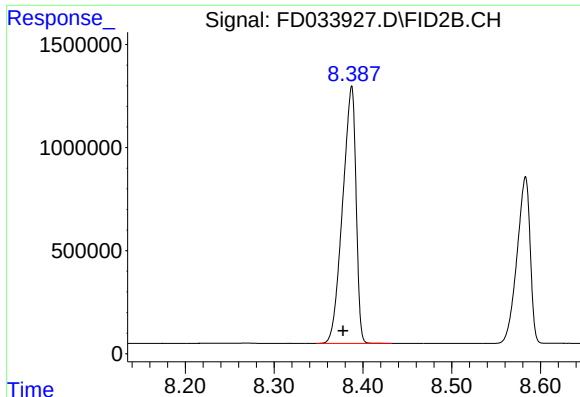
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: 0.009 min
Response: 13659175
Conc: 97.27 ug/ml



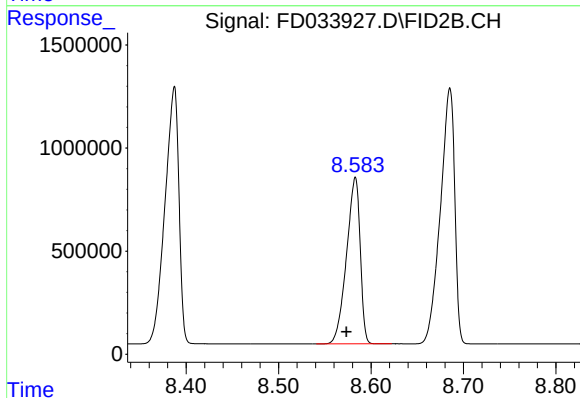
#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.007 min
Response: 11790772
Conc: 97.32 ug/ml



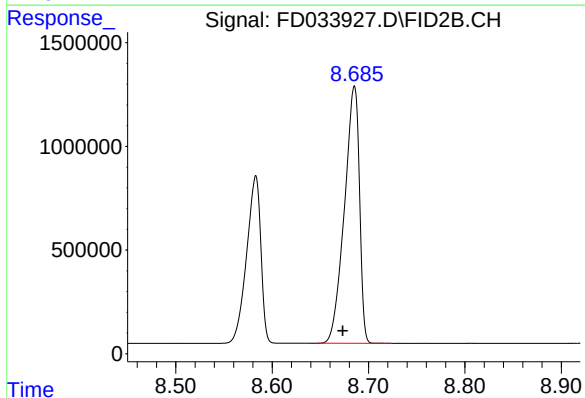
#5 Acenaphthylene (C15.06)

R.T.: 8.387 min
Delta R.T.: 0.010 min
Response: 13083373
Conc: 96.76 ug/ml



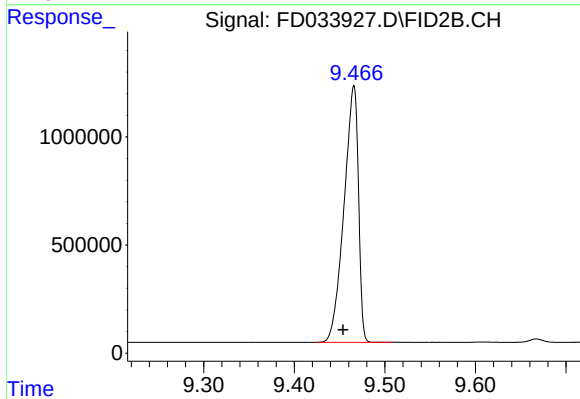
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.583 min
Delta R.T.: 0.009 min
Response: 8293596
Conc: 97.07 ug/ml



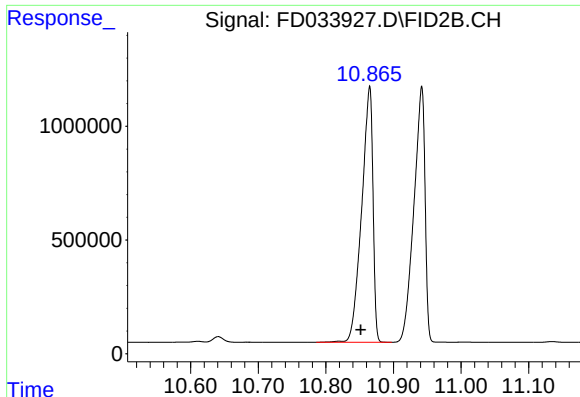
#7 Acenaphthene (C15.5)

R.T.: 8.685 min
Delta R.T.: 0.012 min
Response: 13378640
Conc: 96.87 ug/ml



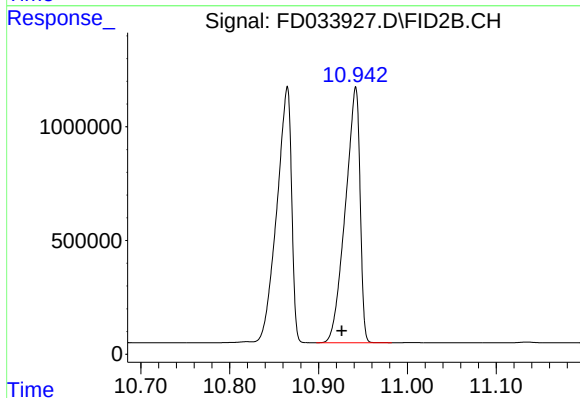
#8 Flouorene (C16.55)

R.T.: 9.466 min
Delta R.T.: 0.012 min
Response: 13118679
Conc: 96.73 ug/ml



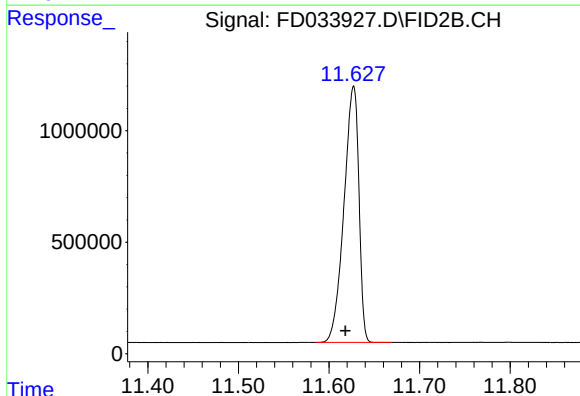
#9 Phenanthrene (C19.36)

R.T.: 10.865 min
Delta R.T.: 0.013 min
Response: 13041119
Conc: 96.37 ug/ml



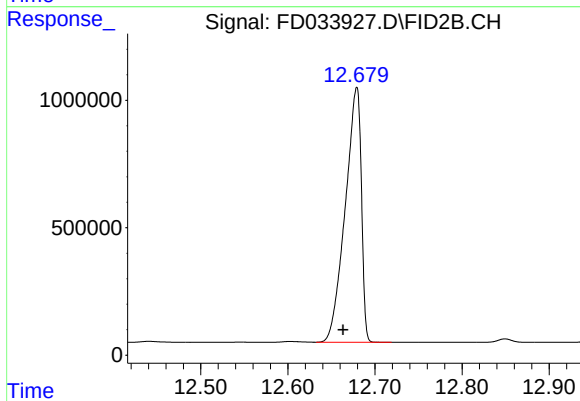
#10 Anthracene (C19.43)

R.T.: 10.942 min
Delta R.T.: 0.015 min
Response: 12889282
Conc: 96.38 ug/ml



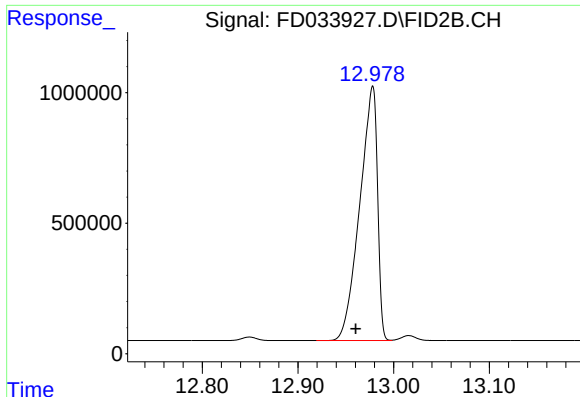
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.009 min
Response: 13164308
Conc: 96.30 ug/ml



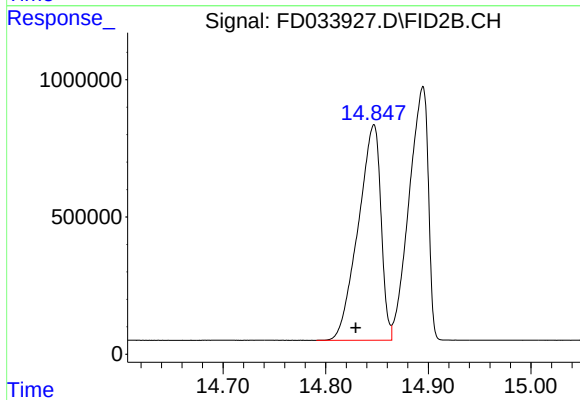
#12 Fluoranthene (C21.85)

R.T.: 12.679 min
Delta R.T.: 0.015 min
Response: 12848291
Conc: 95.85 ug/ml



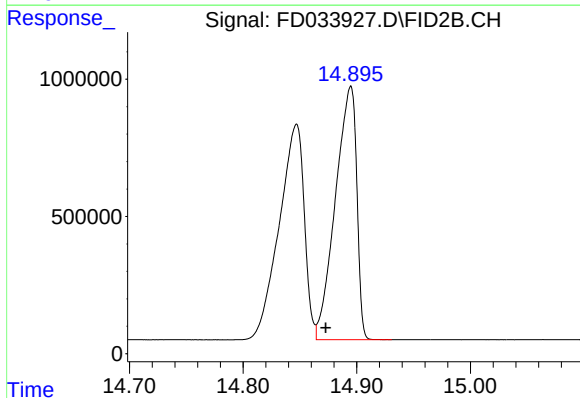
#13 Pyrene (C20.8)

R.T.: 12.978 min
Delta R.T.: 0.018 min
Response: 12534498
Conc: 95.88 ug/ml



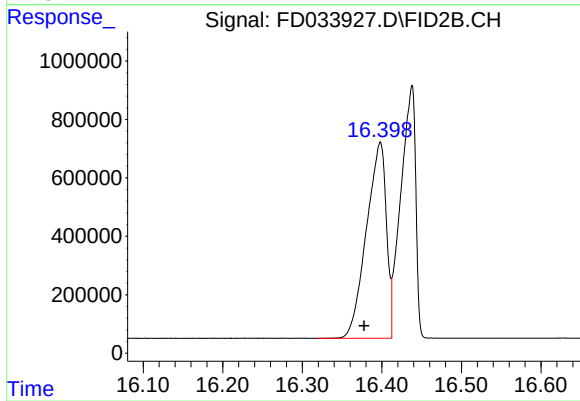
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.847 min
Delta R.T.: 0.017 min
Response: 12079754
Conc: 96.79 ug/ml



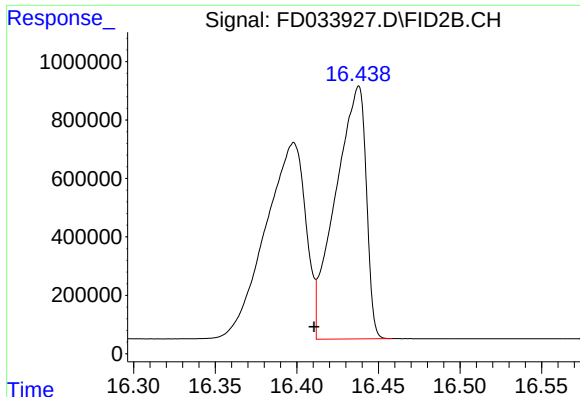
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.022 min
Response: 12023645
Conc: 96.48 ug/ml



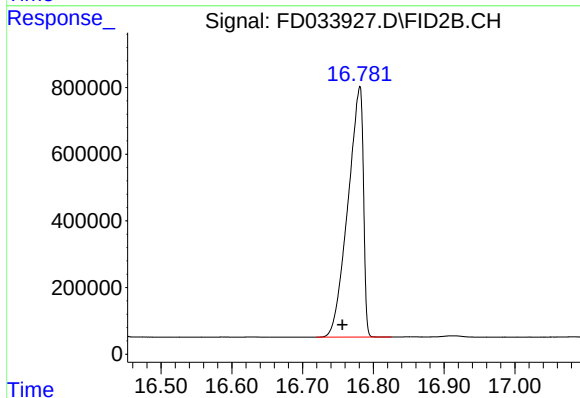
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.398 min
Delta R.T.: 0.020 min
Response: 11658043
Conc: 98.63 ug/ml



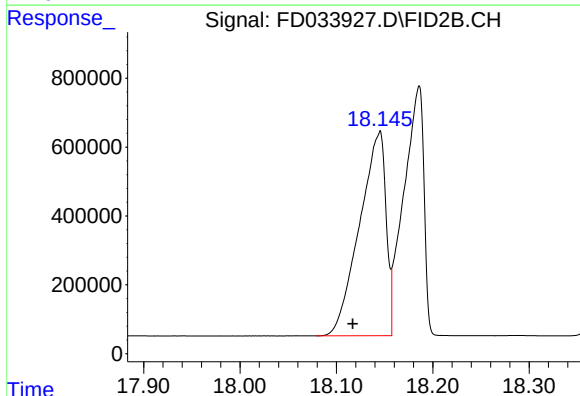
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.438 min
Delta R.T.: 0.027 min
Response: 11243842
Conc: 97.58 ug/ml m



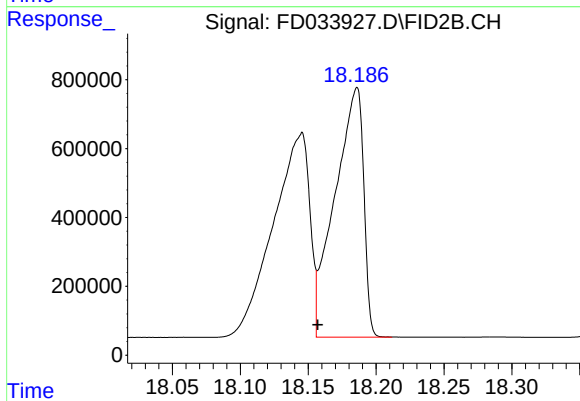
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.024 min
Response: 11382583
Conc: 98.61 ug/ml



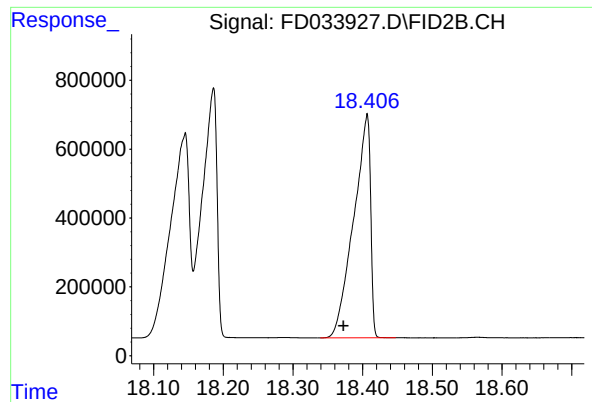
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.145 min
Delta R.T.: 0.028 min
Response: 11303133
Conc: 103.64 ug/ml



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

R.T.: 18.186 min
Delta R.T.: 0.029 min
Response: 10629531
Conc: 97.44 ug/ml m



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

R.T.: 18.406 min
Delta R.T.: 0.034 min
Response: 10938638
Conc: 100.47 ug/ml