

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031620AR\
 Data File : FD032667.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2020 11:46
 Operator : DD\AJ
 Sample : 20 PPM AROMATICHC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 13:33:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.616	2371759	18.351 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
6) S 2-Fluorobiphenyl (SURR)	8.478	1540815	17.454 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.91%
11) S ortho-Terphenyl (SURR)	11.513	2396419	17.283 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	2681502	20.159 ug/ml
2) T Naphthalene (C11.7)	5.958	2703379	19.027 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	2621430	18.467 ug/ml
5) T Acenaphthylene (C15.06)	8.281	2448113	17.897 ug/ml
7) T Acenaphthene (C15.5)	8.576	2551226	18.070 ug/ml
8) T Flouorene (C16.55)	9.355	2432299	17.351 ug/ml
9) T Phenanthrene (C19.36)	10.749	2340390	16.747 ug/ml
10) T Anthracene (C19.43)	10.824	2272496	16.231 ug/ml
12) T Fluoranthene (C21.85)	12.560	2306873	16.448 ug/ml
13) T Pyrene (C20.8)	12.857	2280132	16.583 ug/ml
14) T Benzo[a]anthracene (C...	14.727	2172552	16.649 ug/ml
15) T Chrysene (C27.41)	14.768	2235944	16.609 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2227213	17.361 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2239733	17.061 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	2229581	17.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2192475	18.399 ug/ml
20) T Dibenz[a,h]anthracene...	18.059	2223767	17.588 ug/ml
21) T Benzo[g,h,i]perylene ...	18.276	2233368	18.892 ug/ml

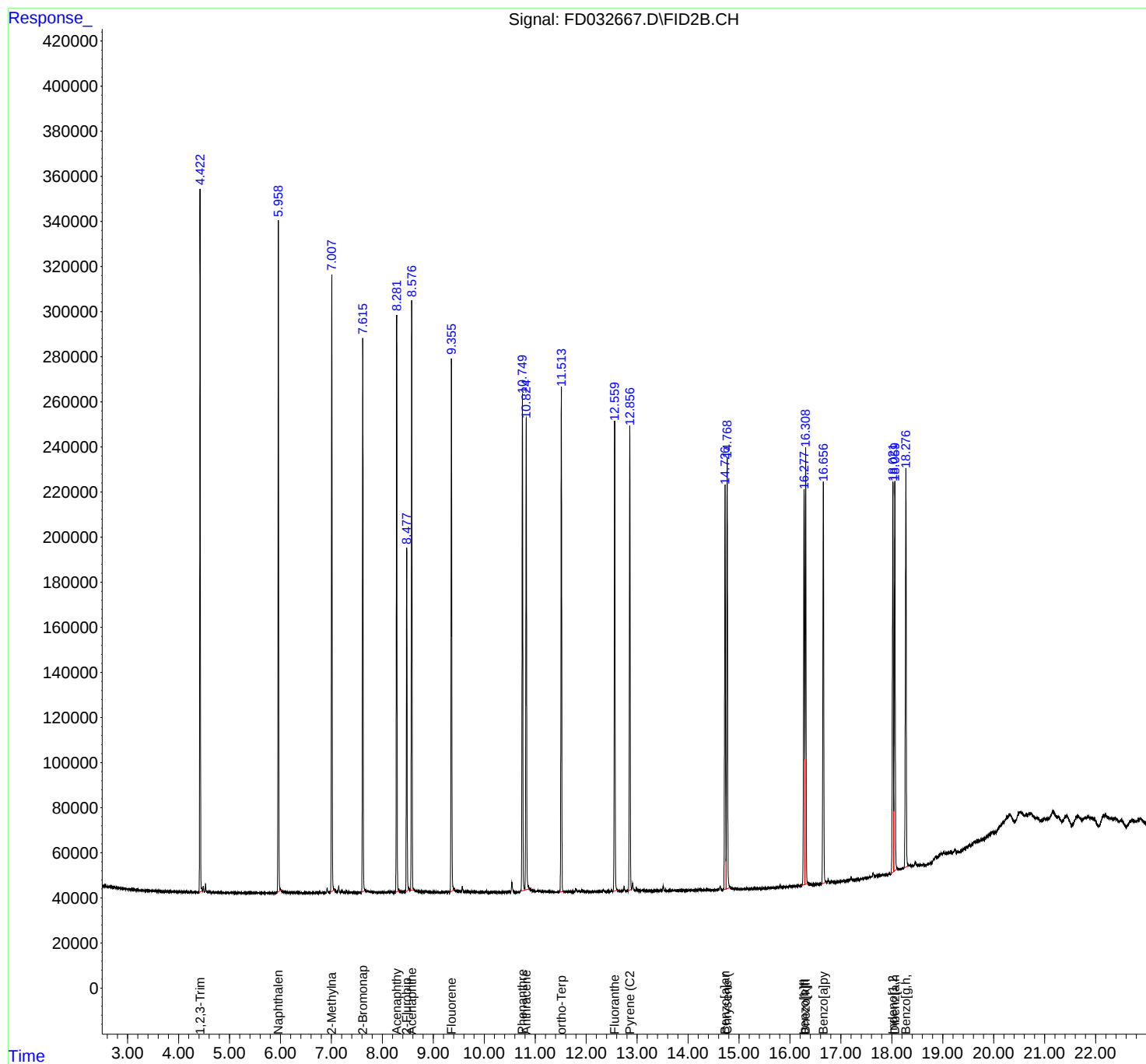
(f)=RT Delta > 1/2 Window

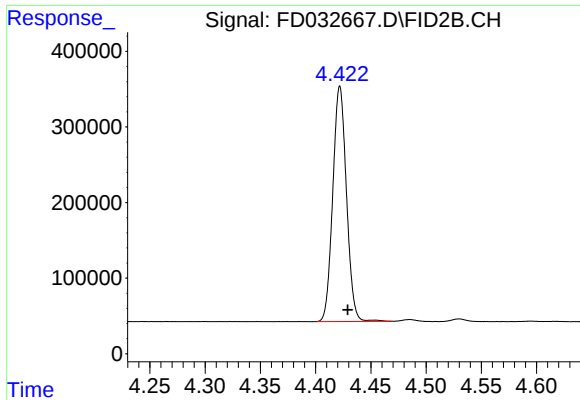
(m)=manual int.

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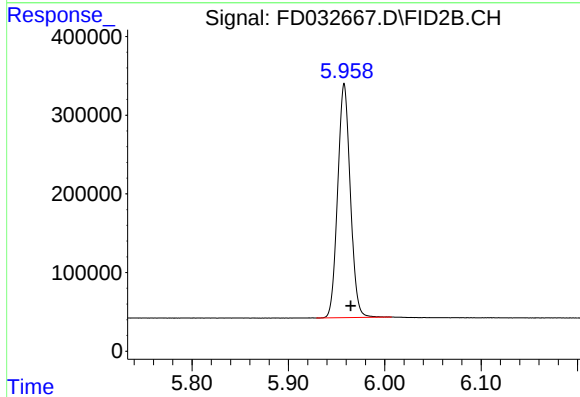
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





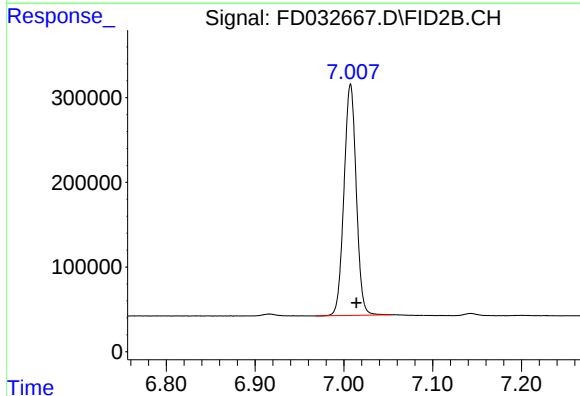
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.007 min
Response: 2681502
Conc: 20.16 ug/ml



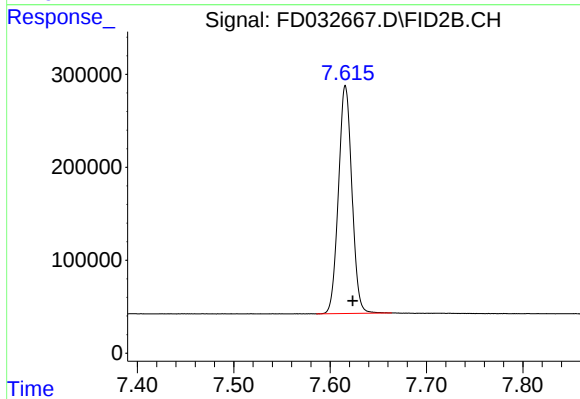
#2 Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.007 min
Response: 2703379
Conc: 19.03 ug/ml



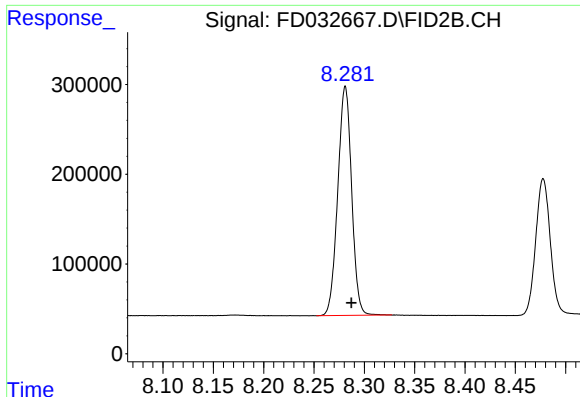
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 2621430
Conc: 18.47 ug/ml



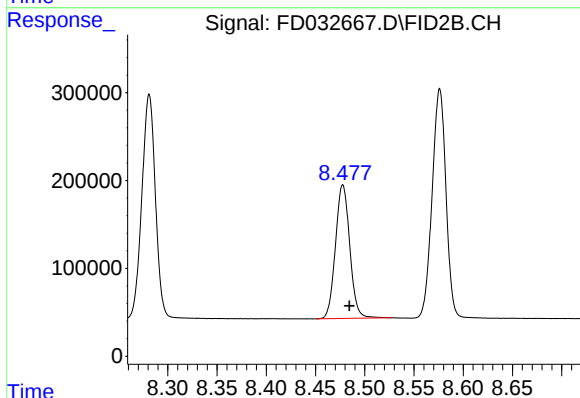
#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min
Delta R.T.: -0.008 min
Response: 2371759
Conc: 18.35 ug/ml



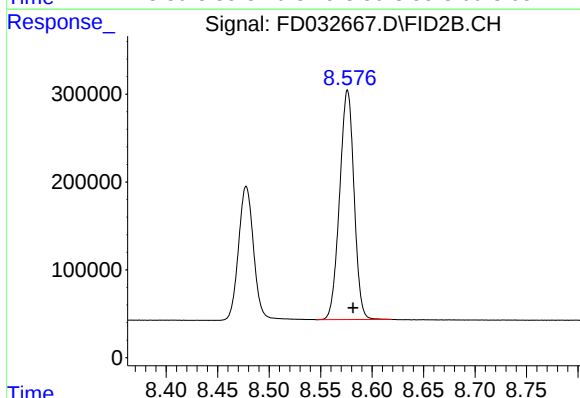
#5 Acenaphthylene (C15.06)

R.T.: 8.281 min
Delta R.T.: -0.006 min
Response: 2448113
Conc: 17.90 ug/ml



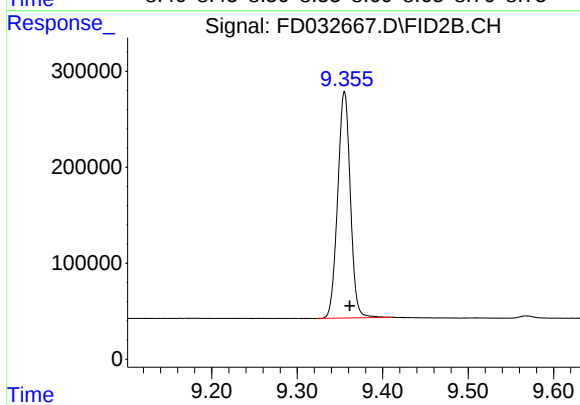
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: -0.007 min
Response: 1540815
Conc: 17.45 ug/ml



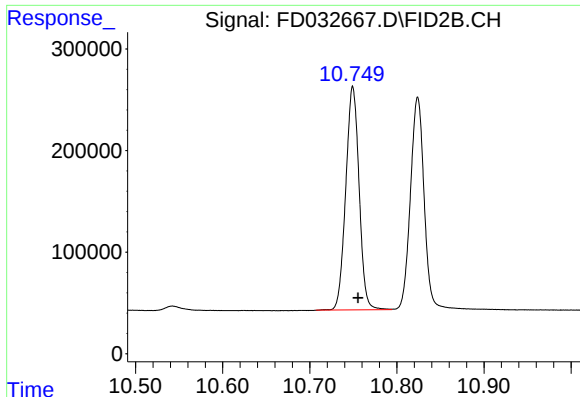
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.005 min
Response: 2551226
Conc: 18.07 ug/ml



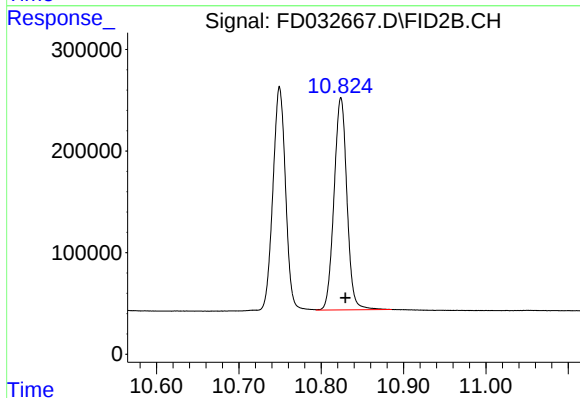
#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 2432299
Conc: 17.35 ug/ml



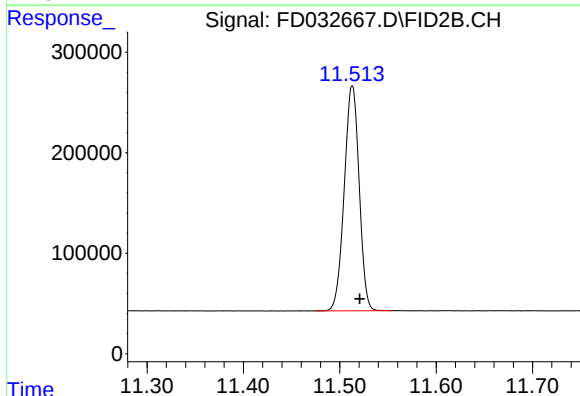
#9 Phenanthrene (C19.36)

R.T.: 10.749 min
Delta R.T.: -0.006 min
Response: 2340390
Conc: 16.75 ug/ml



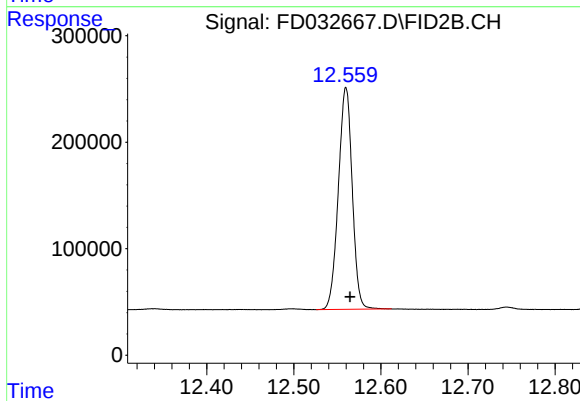
#10 Anthracene (C19.43)

R.T.: 10.824 min
Delta R.T.: -0.005 min
Response: 2272496
Conc: 16.23 ug/ml



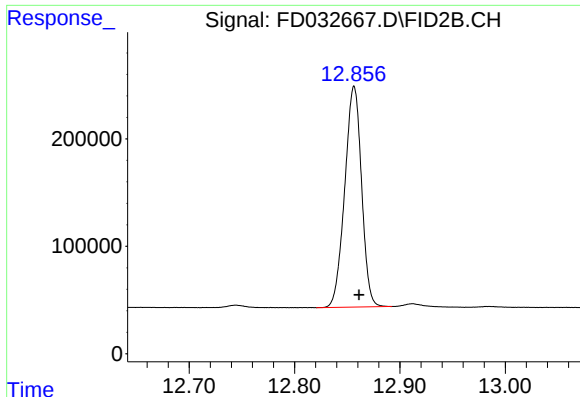
#11 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 2396419
Conc: 17.28 ug/ml



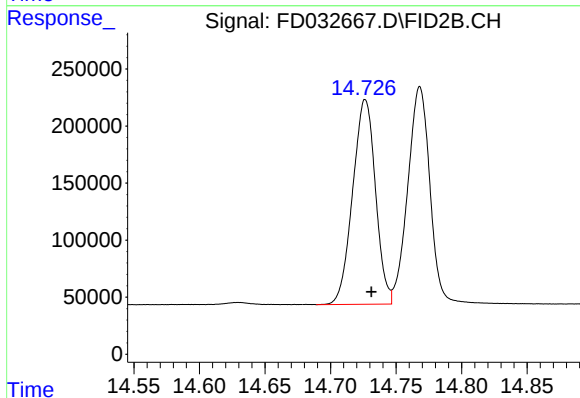
#12 Fluoranthene (C21.85)

R.T.: 12.560 min
Delta R.T.: -0.005 min
Response: 2306873
Conc: 16.45 ug/ml



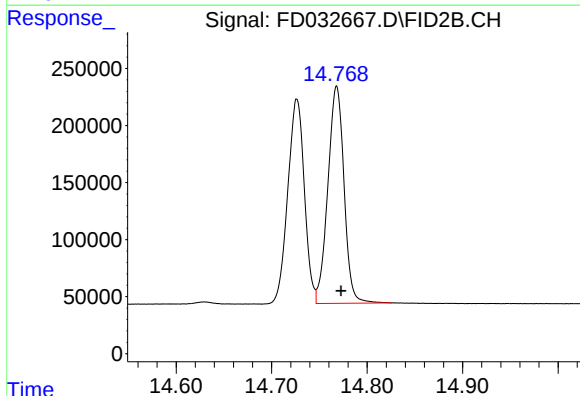
#13 Pyrene (C20.8)

R.T.: 12.857 min
Delta R.T.: -0.005 min
Response: 2280132
Conc: 16.58 ug/ml



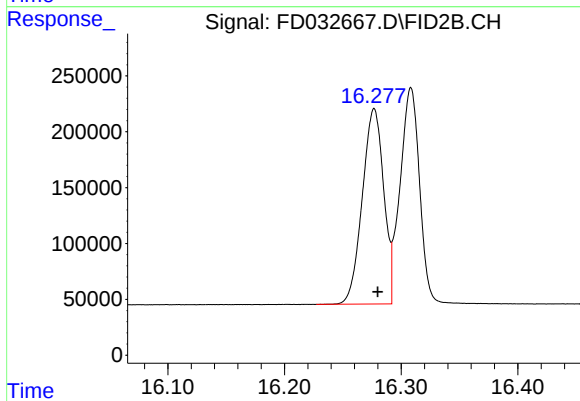
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min
Delta R.T.: -0.005 min
Response: 2172552
Conc: 16.65 ug/ml



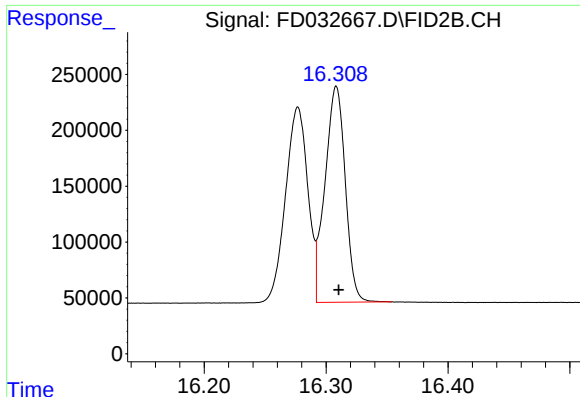
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: -0.004 min
Response: 2235944
Conc: 16.61 ug/ml



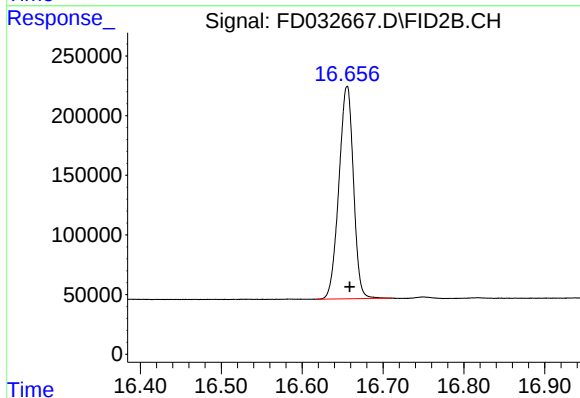
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.277 min
Delta R.T.: -0.003 min
Response: 2227213
Conc: 17.36 ug/ml



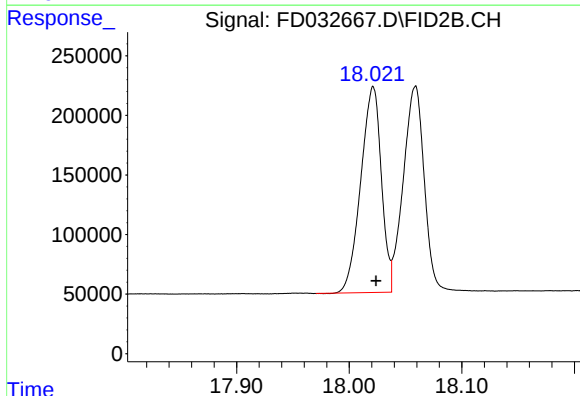
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2239733
Conc: 17.06 ug/ml



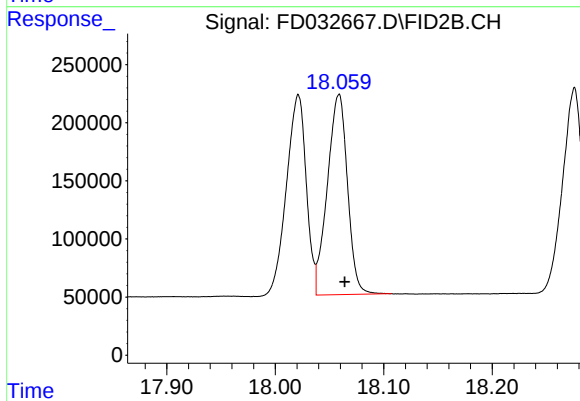
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.656 min
Delta R.T.: -0.003 min
Response: 2229581
Conc: 17.50 ug/ml



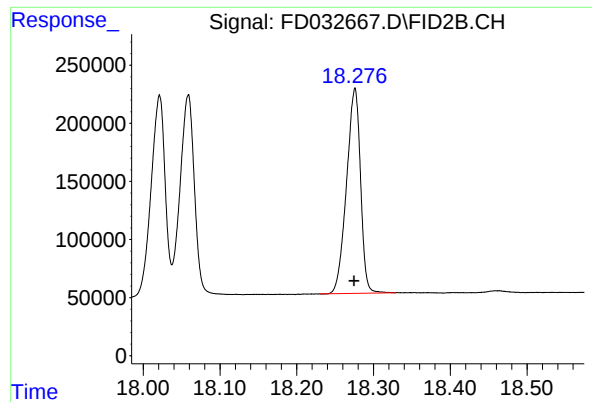
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.003 min
Response: 2192475
Conc: 18.40 ug/ml



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

R.T.: 18.059 min
Delta R.T.: -0.005 min
Response: 2223767
Conc: 17.59 ug/ml



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

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 2233368
Conc: 18.89 ug/ml