

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041237.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 15:55
 Operator : UA/NP
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 16:24:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 15:51:25 2022
 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...	7.363	1787763	11.966 ug/ml
Spiked Amount 50.000		Recovery =	23.93%
6) S 2-Fluorobiphenyl (SURR)	8.210	1132836	11.371 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.74%
11) S ortho-Terphenyl (SURR)	11.244	1927947	12.038 ug/ml
Spiked Amount 50.000		Recovery =	24.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	1906545	11.671 ug/ml
2) T Naphthalene (C11.7)	5.706	2002397	11.741 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	1969507	11.549 ug/ml
5) T Acenaphthylene (C15.06)	8.013	1968857	11.979 ug/ml
7) T Acenaphthene (C15.5)	8.306	2113988	12.026 ug/ml
8) T Flouorene (C16.55)	9.084	1869352	11.670 ug/ml
9) T Phenanthrene (C19.36)	10.470	1770328	11.337 ug/ml
10) T Anthracene (C19.43)	10.545	1727541	11.385 ug/ml
12) T Fluoranthene (C21.85)	12.273	1832372	11.807 ug/ml
13) T Pyrene (C20.8)	12.565	1811552	11.604 ug/ml
14) T Benzo[a]anthracene (C...	14.434	1547140	11.031 ug/ml
15) T Chrysene (C27.41)	14.474	1816896	12.145 ug/ml
16) T benzo[b]fluoranthene ...	15.977	1461283	11.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	1623956	11.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	1420986	11.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	1335873	10.884 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	1590085	12.395 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	1418041	11.639 ug/ml

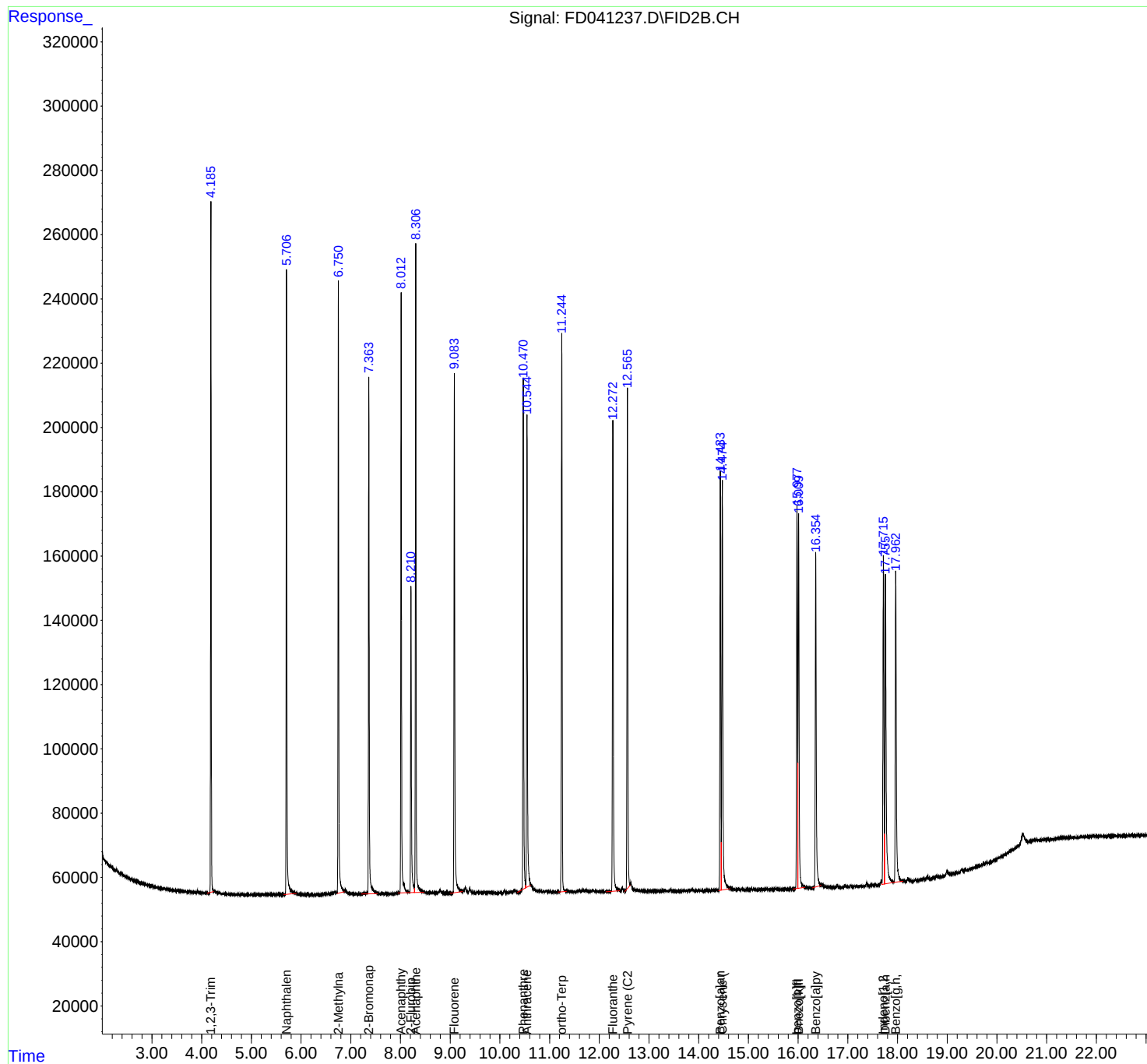
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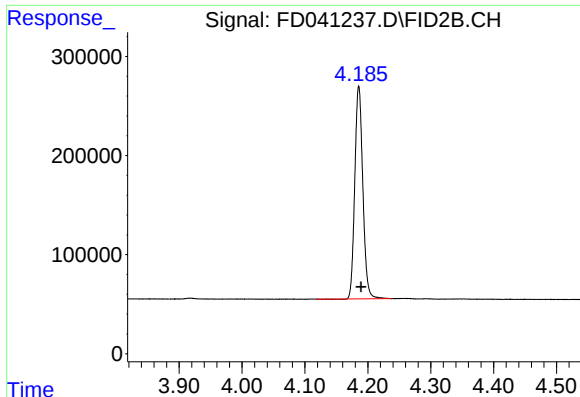
(m)=manual int.

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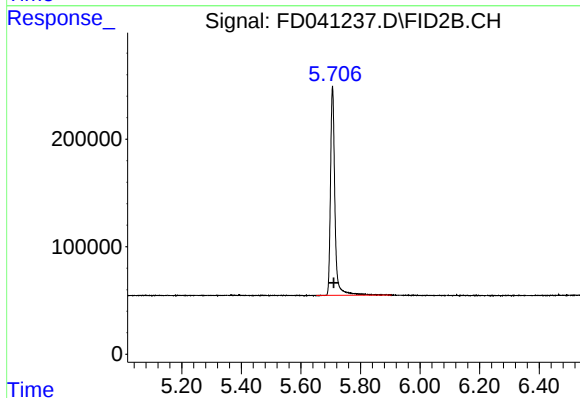
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Signal Info : 20M x 0.18mm x 0.18µm





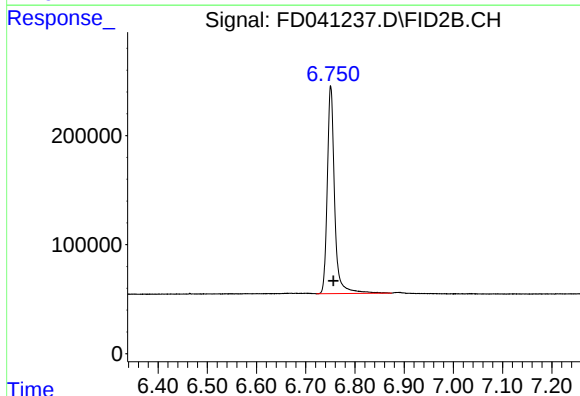
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 1906545
Conc: 11.67 ug/ml



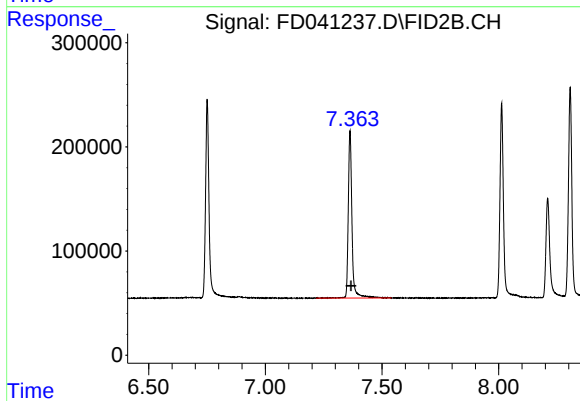
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 2002397
Conc: 11.74 ug/ml



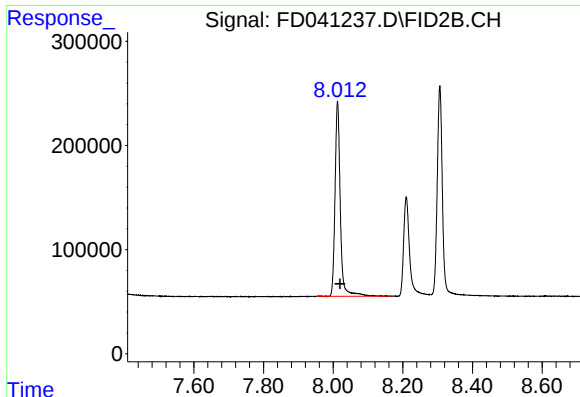
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 1969507
Conc: 11.55 ug/ml



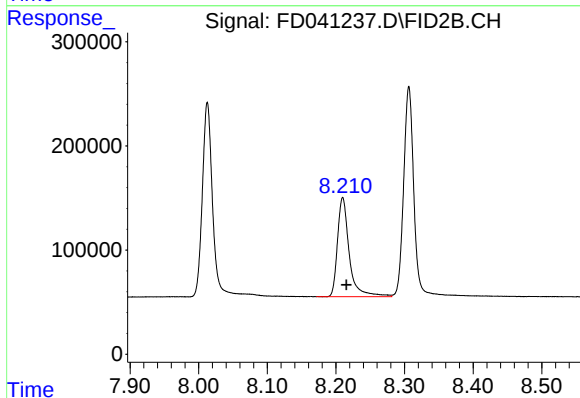
#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 1787763
Conc: 11.97 ug/ml



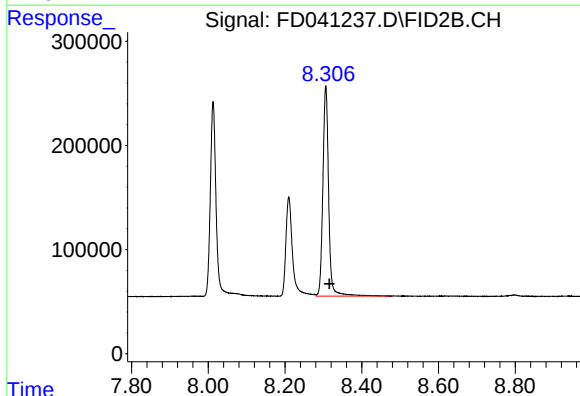
#5 Acenaphthylene (C15.06)

R.T.: 8.013 min
Delta R.T.: -0.007 min
Response: 1968857
Conc: 11.98 ug/ml



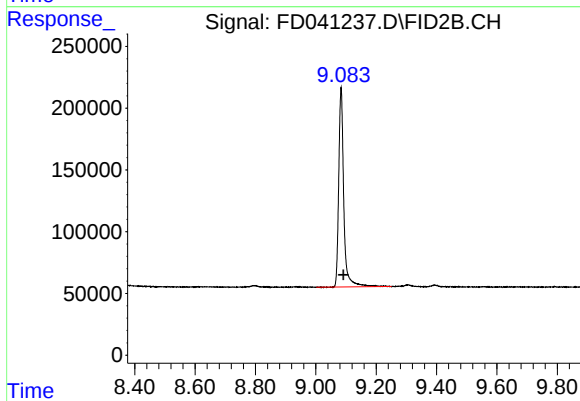
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.005 min
Response: 1132836
Conc: 11.37 ug/ml



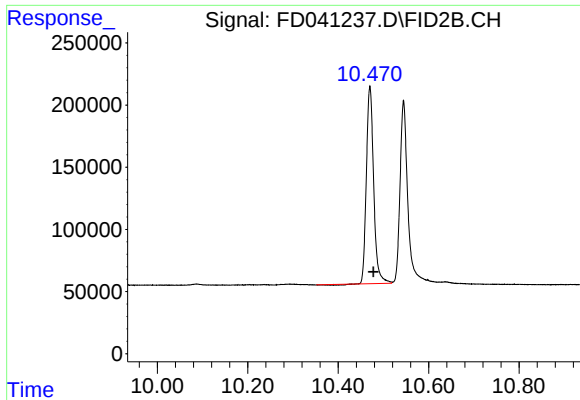
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 2113988
Conc: 12.03 ug/ml



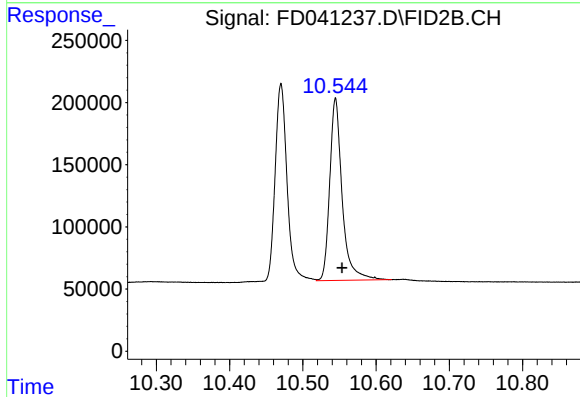
#8 Fluorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.007 min
Response: 1869352
Conc: 11.67 ug/ml



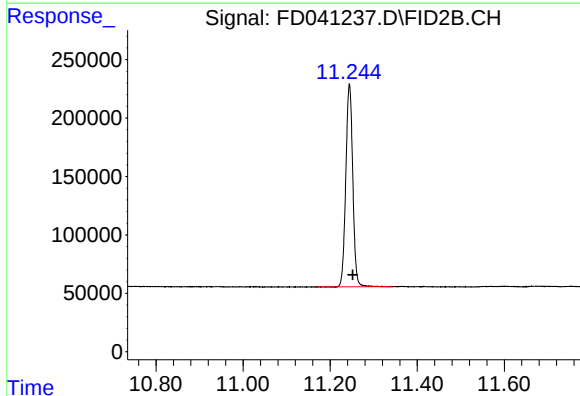
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.008 min
Response: 1770328
Conc: 11.34 ug/ml



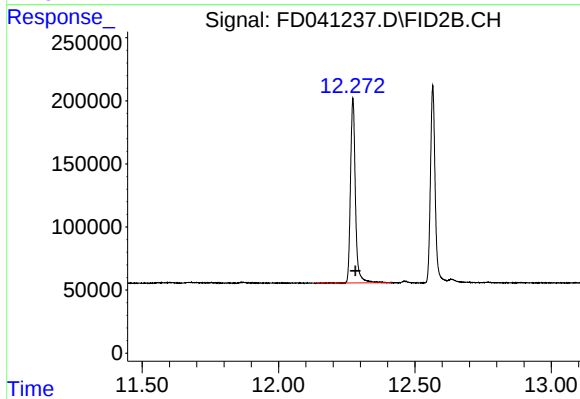
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.009 min
Response: 1727541
Conc: 11.39 ug/ml



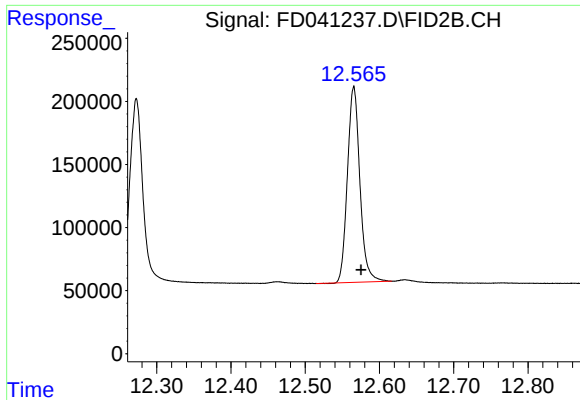
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.007 min
Response: 1927947
Conc: 12.04 ug/ml



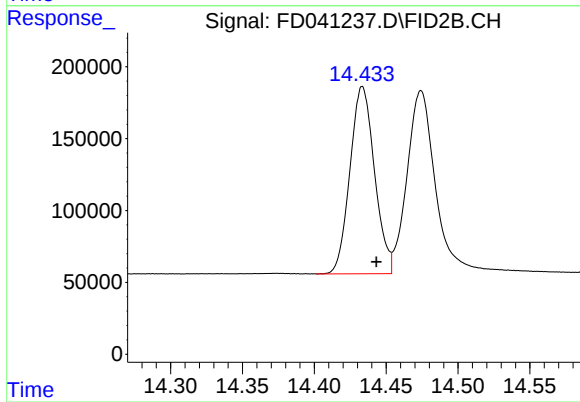
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.009 min
Response: 1832372
Conc: 11.81 ug/ml



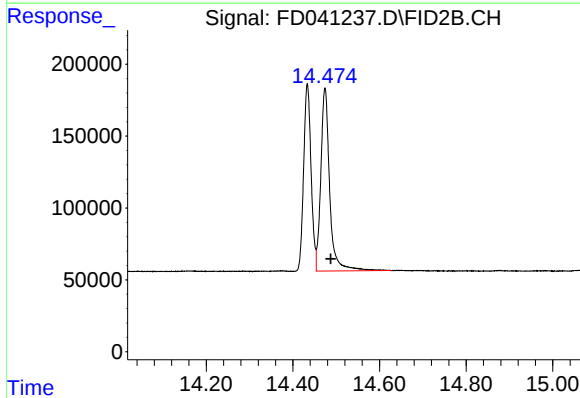
#13 Pyrene (C20.8)

R.T.: 12.565 min
Delta R.T.: -0.010 min
Response: 1811552
Conc: 11.60 ug/ml



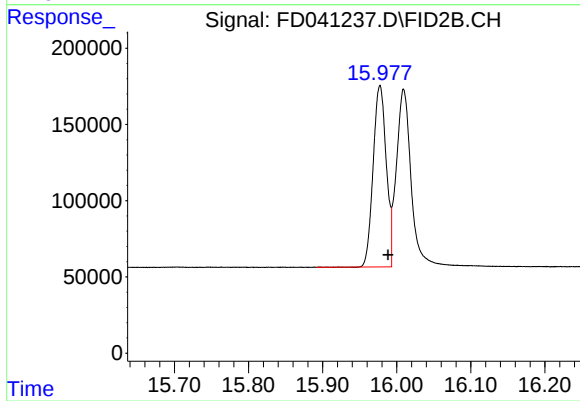
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: -0.010 min
Response: 1547140
Conc: 11.03 ug/ml



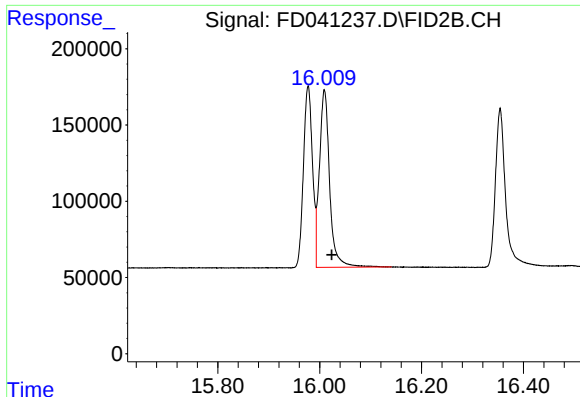
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.013 min
Response: 1816896
Conc: 12.15 ug/ml



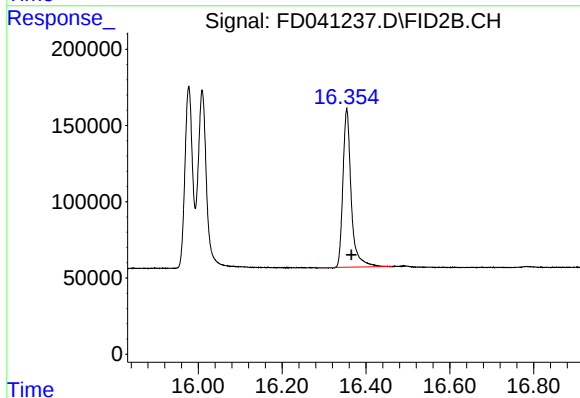
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.011 min
Response: 1461283
Conc: 11.08 ug/ml



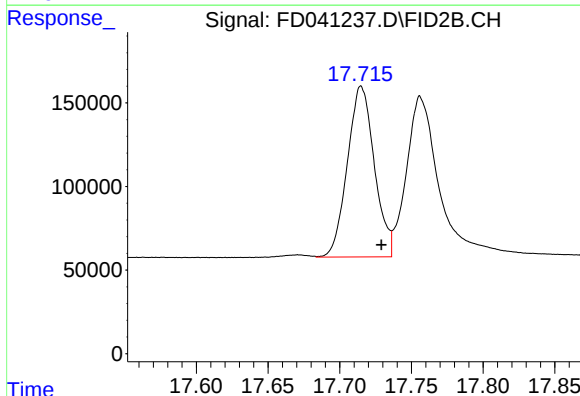
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.015 min
Response: 1623956
Conc: 11.99 ug/ml



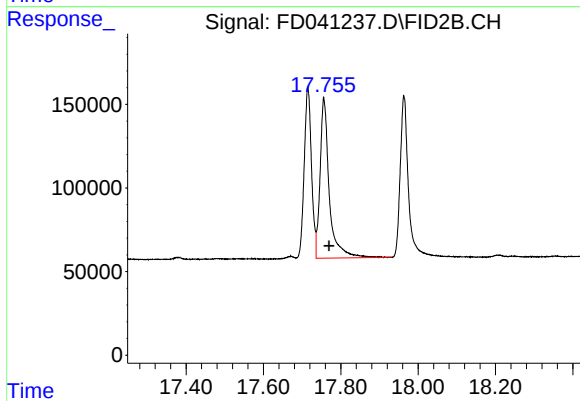
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.011 min
Response: 1420986
Conc: 11.34 ug/ml



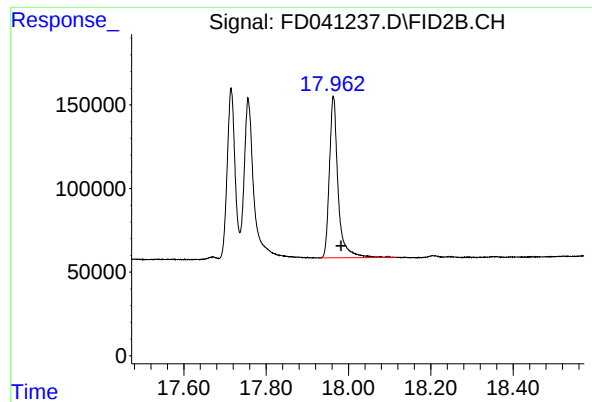
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.014 min
Response: 1335873
Conc: 10.88 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.013 min
Response: 1590085
Conc: 12.39 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.018 min
Response: 1418041
Conc: 11.64 ug/ml