

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081418AR\
 Data File : FD025366.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2018 11:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 15:21:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.438	1444654	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
6) S 2-Fluorobiphenyl (SURR)	8.292	1002938	18.653 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.31%
11) S ortho-Terphenyl (SURR)	11.337	1619083	19.079 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1535155	19.655 ug/ml
2) T Naphthalene (C11.7)	5.773	1659503	19.263 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	1632854	18.991 ug/ml
5) T Acenaphthylene (C15.06)	8.095	1590565	18.726 ug/ml
7) T Acenaphthene (C15.5)	8.391	1660462	18.649 ug/ml
8) T Flouorene (C16.55)	9.170	1646994	18.493 ug/ml
9) T Phenanthrene (C19.36)	10.561	1693197	18.905 ug/ml
10) T Anthracene (C19.43)	10.635	1664690	18.904 ug/ml
12) T Fluoranthene (C21.85)	12.369	1774042	20.192 ug/ml
13) T Pyrene (C20.8)	12.664	1802461	20.511 ug/ml
14) T Benzo[a]anthracene (C...	14.534	1808492	21.684 ug/ml
15) T Chrysene (C27.41)	14.576	1826826	21.686 ug/ml
16) T benzo[b]fluoranthene ...	16.080	1904049	21.163 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	1894200	21.039 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.455	1893056	20.567 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	1885488	19.985 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	1851062	20.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	1919668	19.816 ug/ml

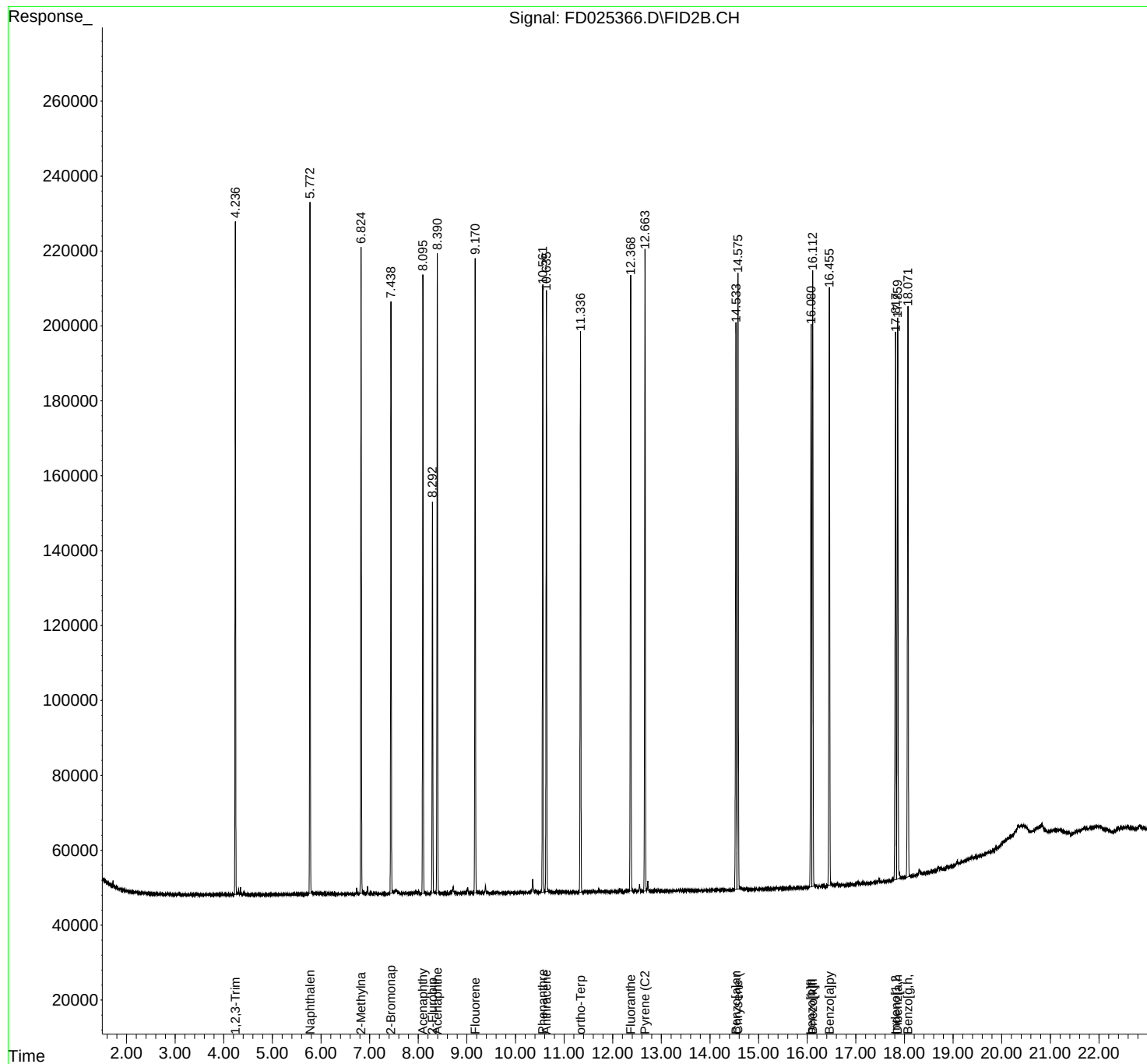
(f)=RT Delta > 1/2 Window

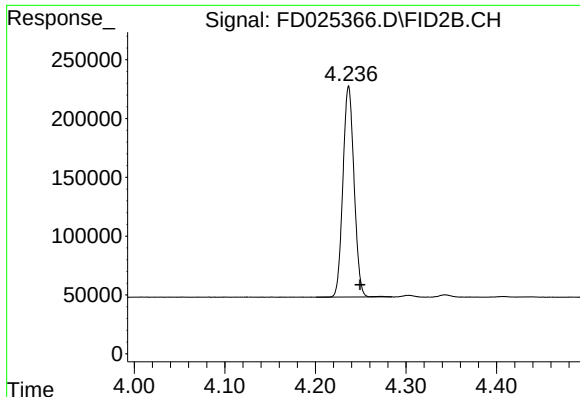
(m)=manual int.

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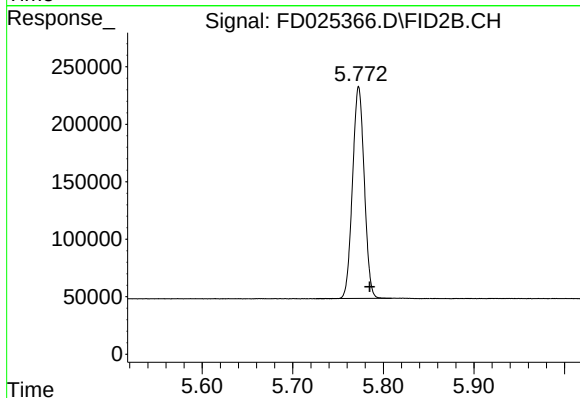
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





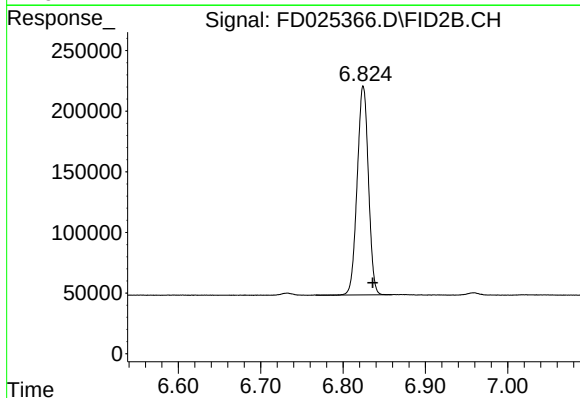
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.013 min
Response: 1535155
Conc: 19.66 ug/ml



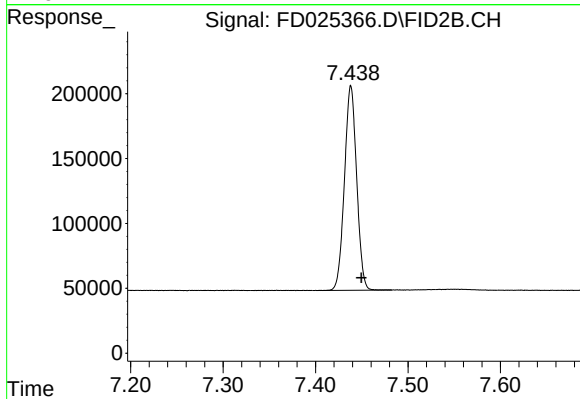
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 1659503
Conc: 19.26 ug/ml



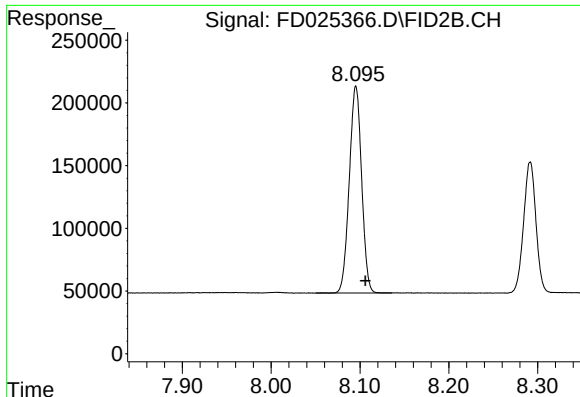
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 1632854
Conc: 18.99 ug/ml



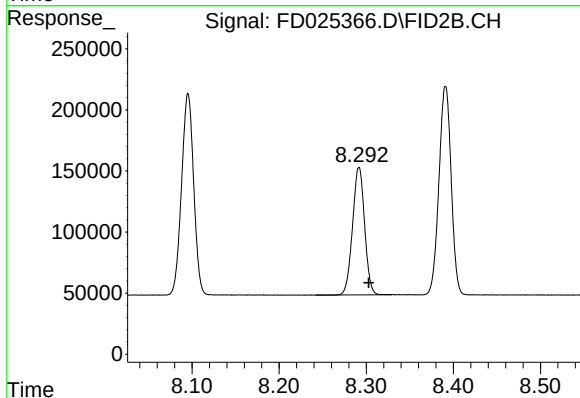
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.011 min
Response: 1444654
Conc: 18.71 ug/ml



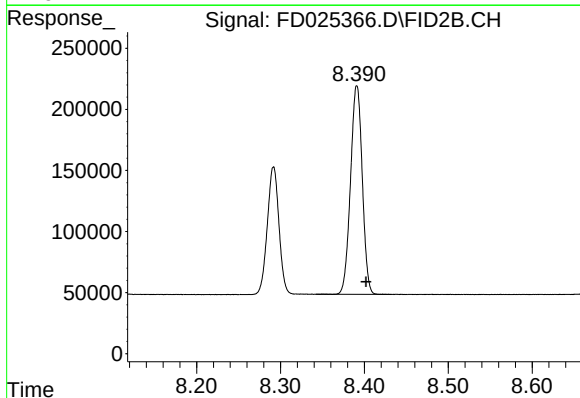
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 1590565
Conc: 18.73 ug/ml



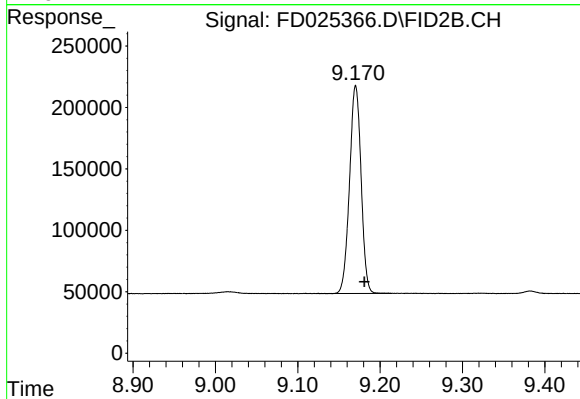
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 1002938
Conc: 18.65 ug/ml



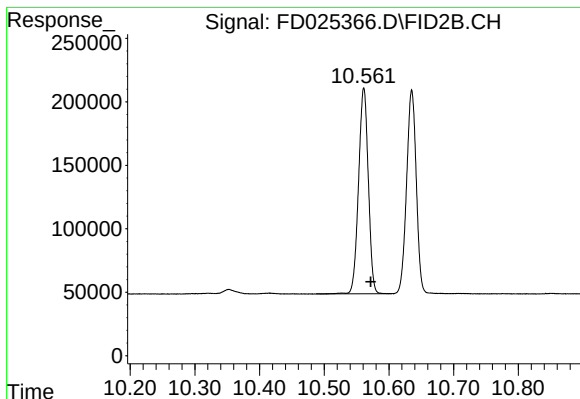
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: -0.011 min
Response: 1660462
Conc: 18.65 ug/ml



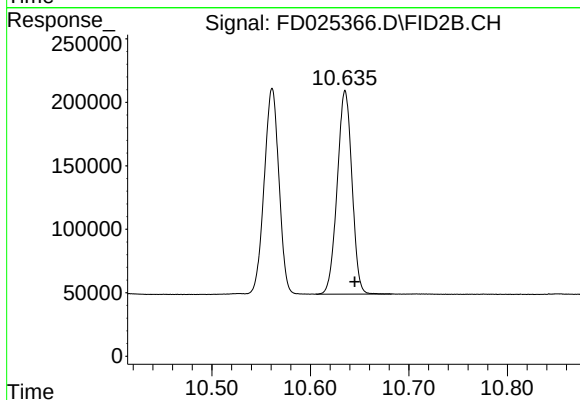
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.010 min
Response: 1646994
Conc: 18.49 ug/ml



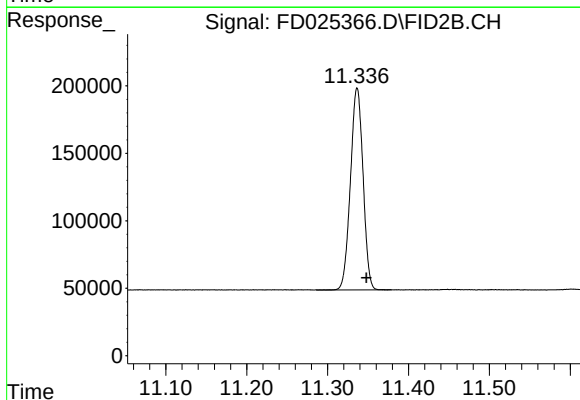
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.011 min
Response: 1693197
Conc: 18.90 ug/ml



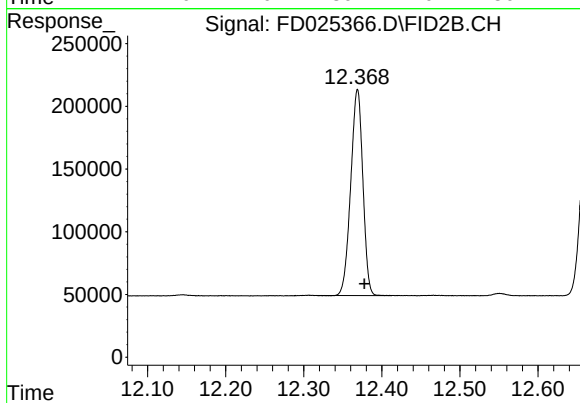
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 1664690
Conc: 18.90 ug/ml



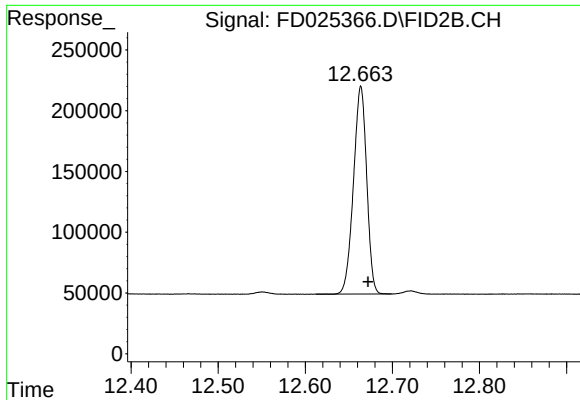
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 1619083
Conc: 19.08 ug/ml



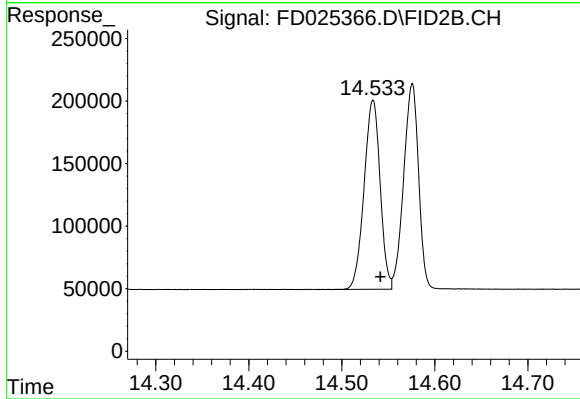
#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: -0.009 min
Response: 1774042
Conc: 20.19 ug/ml



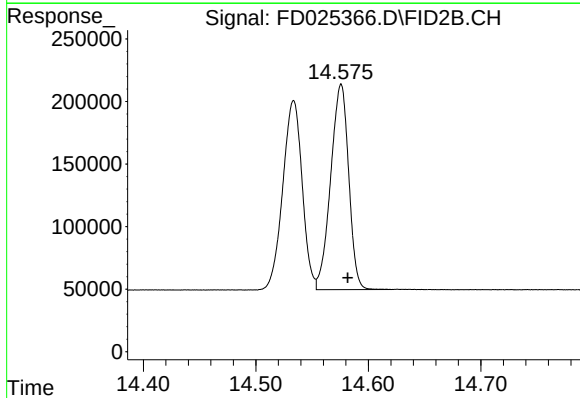
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 1802461
Conc: 20.51 ug/ml



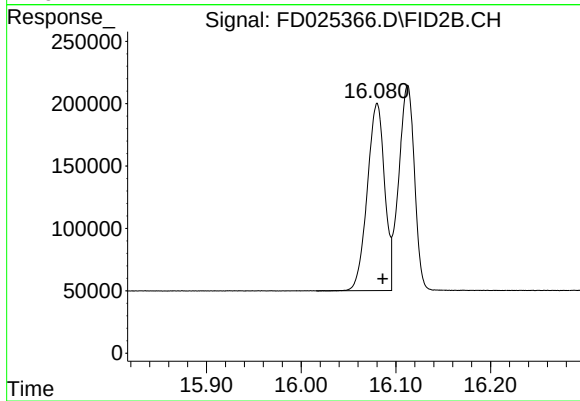
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.008 min
Response: 1808492
Conc: 21.68 ug/ml



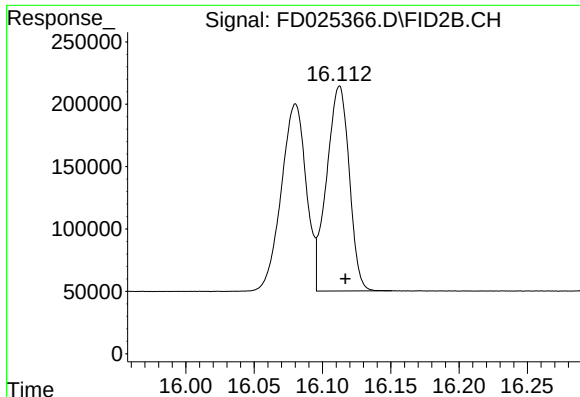
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.006 min
Response: 1826826
Conc: 21.69 ug/ml



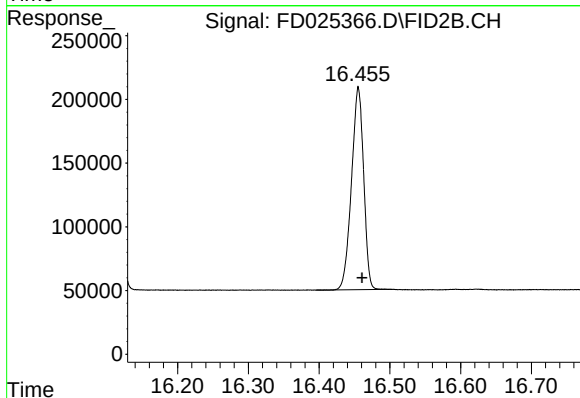
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.080 min
Delta R.T.: -0.006 min
Response: 1904049
Conc: 21.16 ug/ml



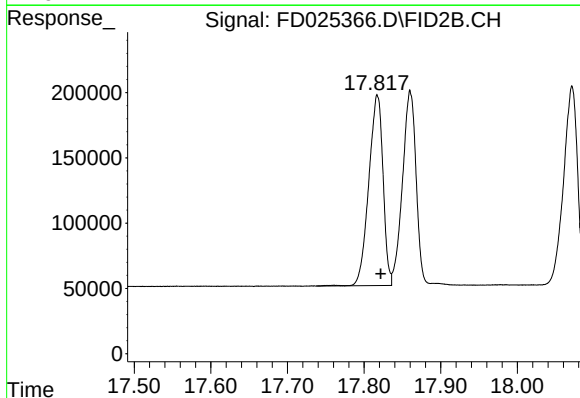
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: -0.004 min
Response: 1894200
Conc: 21.04 ug/ml



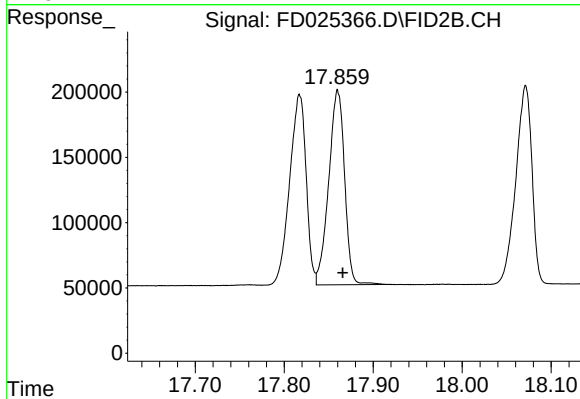
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.455 min
Delta R.T.: -0.006 min
Response: 1893056
Conc: 20.57 ug/ml



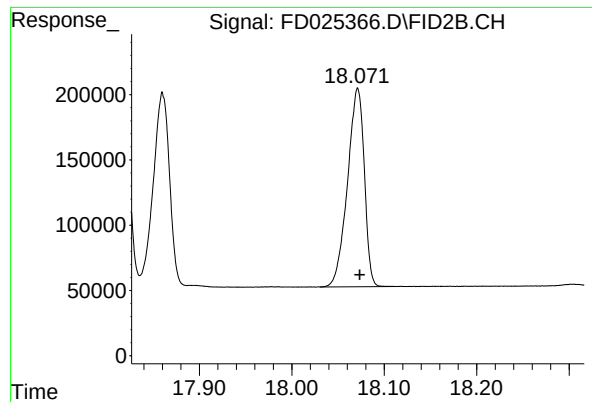
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.004 min
Response: 1885488
Conc: 19.98 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.006 min
Response: 1851062
Conc: 20.23 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.002 min
Response: 1919668
Conc: 19.82 ug/ml