

Data Path : P:\HPCHEM1\FID D\Data\FD021618AR\
 Data File : FD020052.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2018 18:59
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 23:35:33 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.351	1696635	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
6) S 2-Fluorobiphenyl (SURR)	8.212	1028258	18.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.60%
11) S ortho-Terphenyl (SURR)	11.234	1896840	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	1787219	20.188 ug/ml
2) T Naphthalene (C11.7)	5.690	1818839	20.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	1802632	19.635 ug/ml
5) T Acenaphthylene (C15.06)	8.006	1903918	20.079 ug/ml
7) T Acenaphthene (C15.5)	8.299	2029294	20.802 ug/ml
8) T Fluorene (C16.55)	9.081	1870034	19.678 ug/ml
9) T Phenanthrene (C19.36)	10.475	1909930	19.211 ug/ml
10) T Anthracene (C19.43)	10.552	1925906	19.805 ug/ml
12) T Fluoranthene (C21.85)	12.284	2086052	19.678 ug/ml
13) T Pyrene (C20.8)	12.578	2083832	19.672 ug/ml
14) T Benzo[alanthracene (C...	14.495	2204148	21.060 ug/ml
15) T Chrysene (C27.41)	14.495	2204148	20.394 ug/ml
16) T benzo[b]fluoranthene ...	16.040	2299905	21.377 ug/ml
17) T Benzo[k]fluoranthene ...	16.040	2299905	20.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	2035836	18.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	2414323	24.405 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	2414323	21.065 ug/ml
21) T Benzo[a,h,i]perylene ...	18.015	2155721	20.657 ug/ml

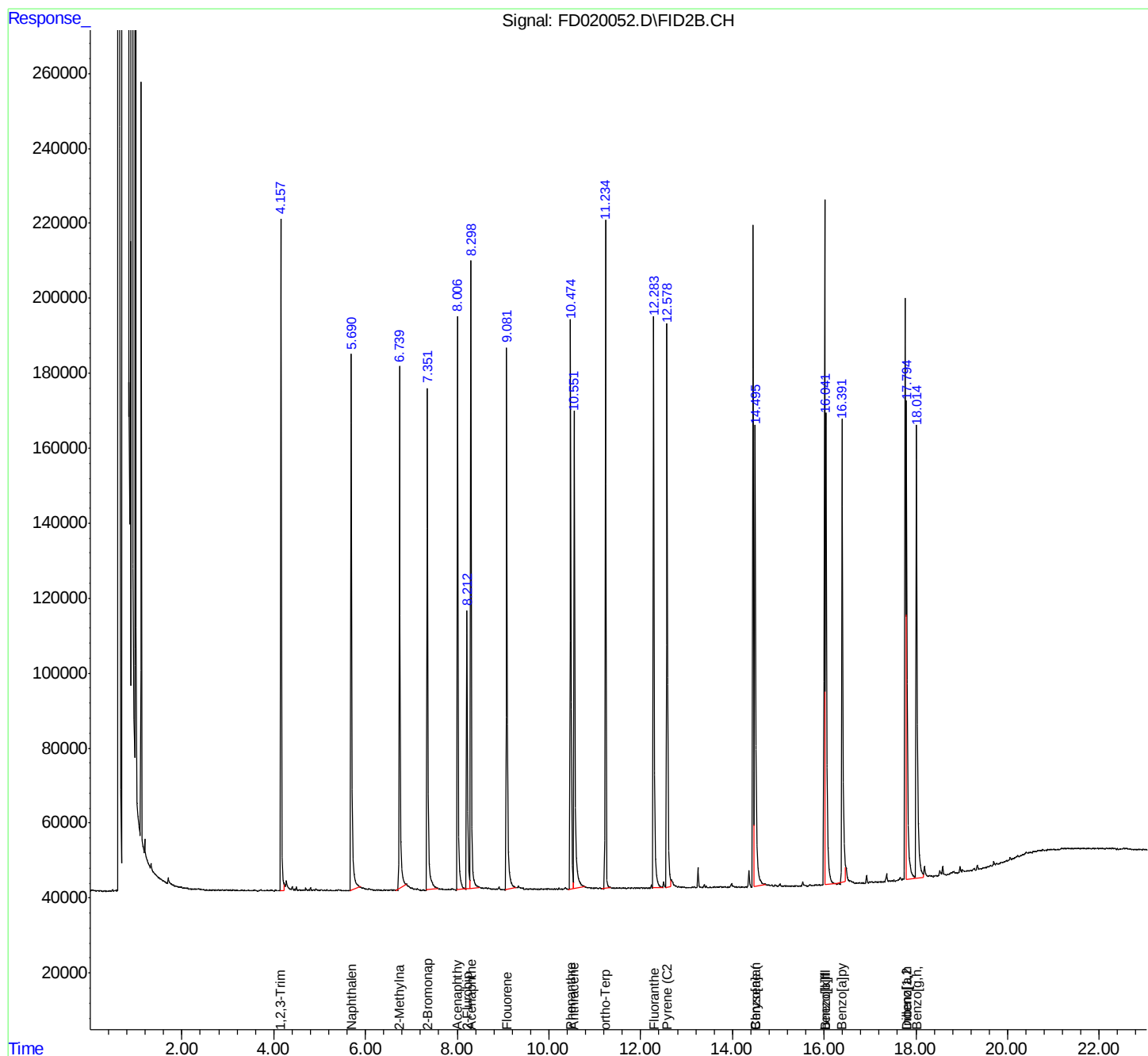
(f)=RT Delta > 1/2 Window

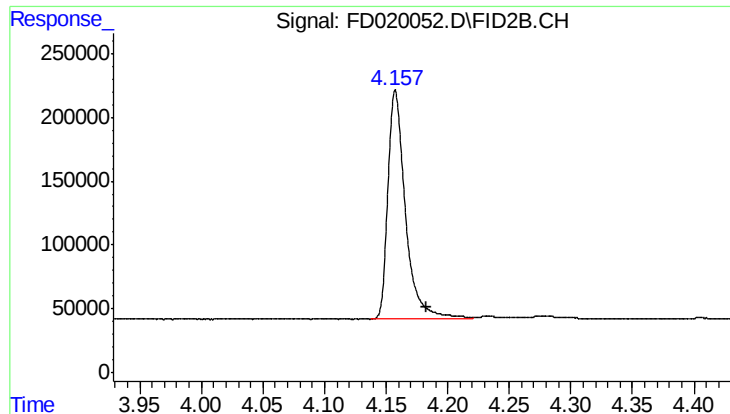
(m)=manual int.

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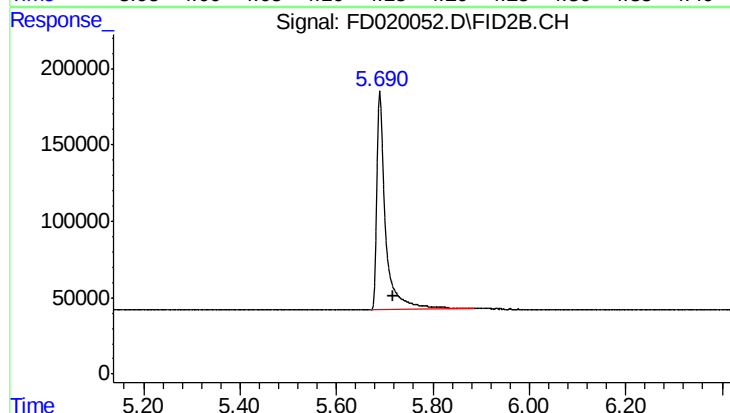
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Signal Info : 20M x 0.18mm x 0.18µm





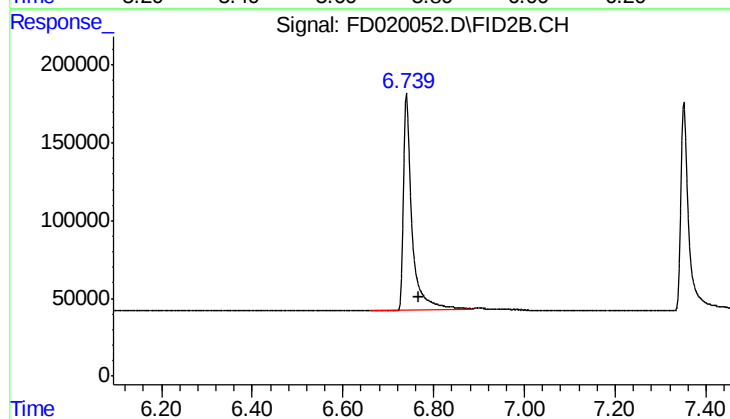
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.025 min
Response: 1787219
Conc: 20.19 ug/ml



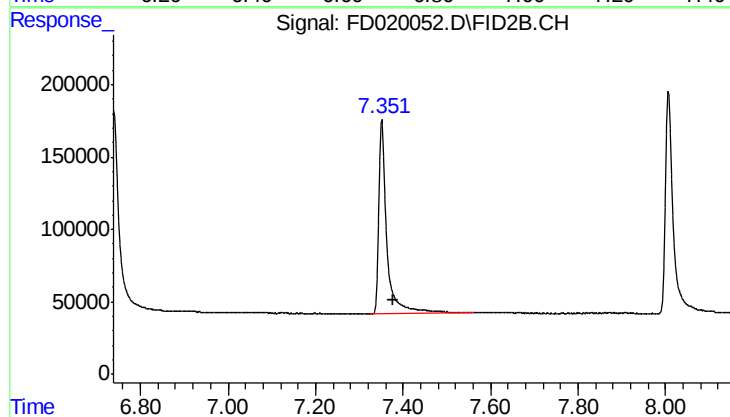
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.027 min
Response: 1818839
Conc: 20.36 ug/ml



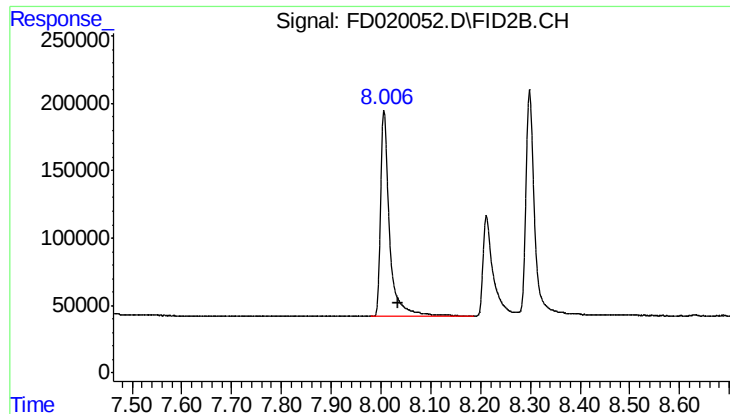
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.026 min
Response: 1802632
Conc: 19.64 ug/ml



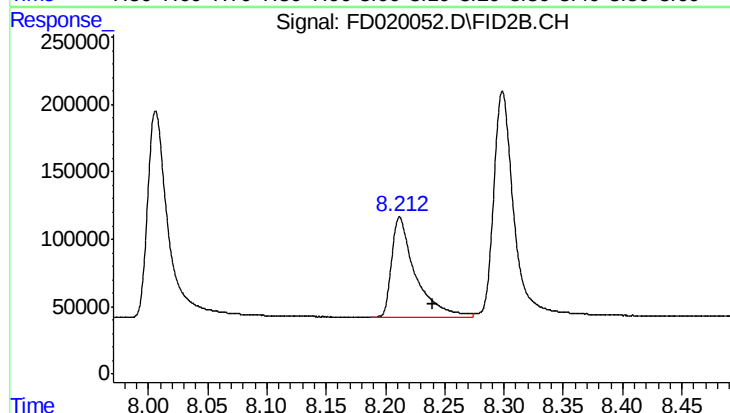
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.026 min
Response: 1696635
Conc: 20.97 ug/ml



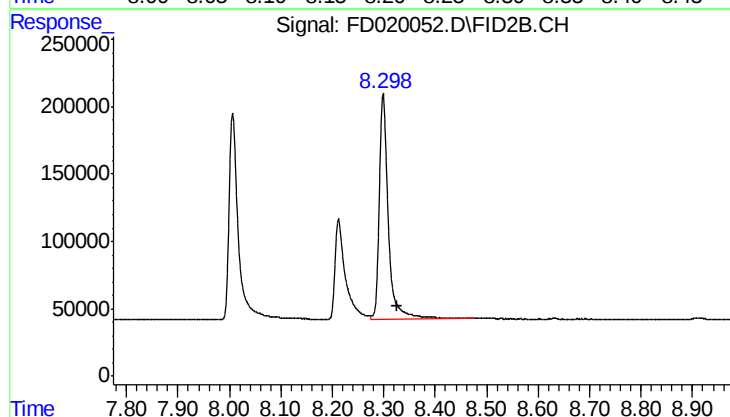
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.027 min
Response: 1903918
Conc: 20.08 ug/ml



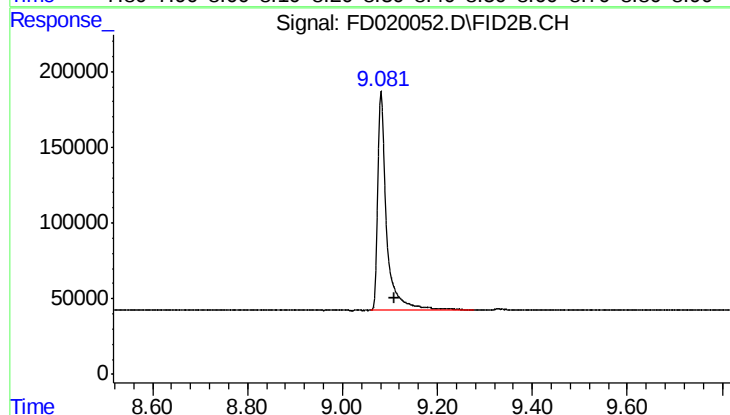
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.212 min
Delta R.T.: -0.028 min
Response: 1028258
Conc: 18.80 ug/ml



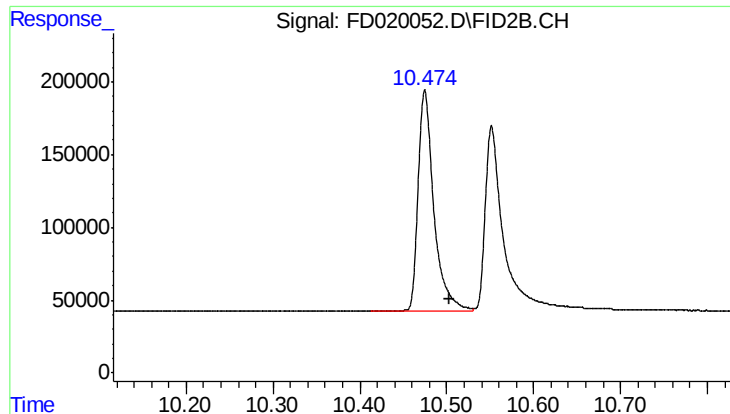
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.027 min
Response: 2029294
Conc: 20.80 ug/ml



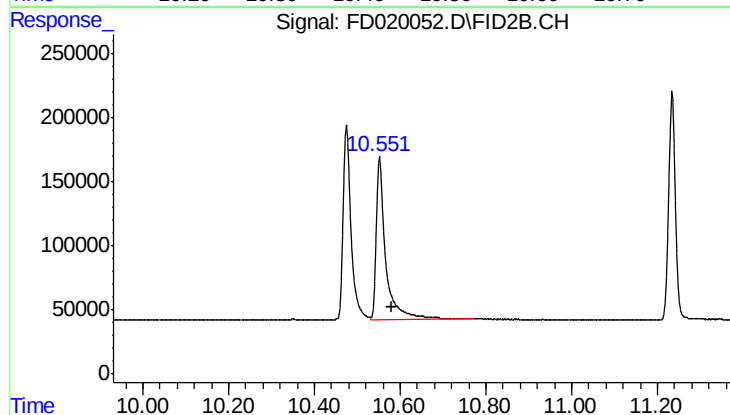
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: -0.028 min
Response: 1870034
Conc: 19.68 ug/ml



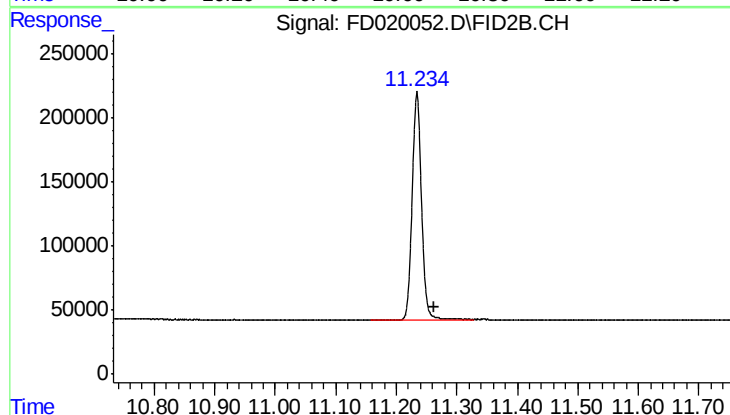
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: -0.028 min
Response: 1909930
Conc: 19.21 ug/ml



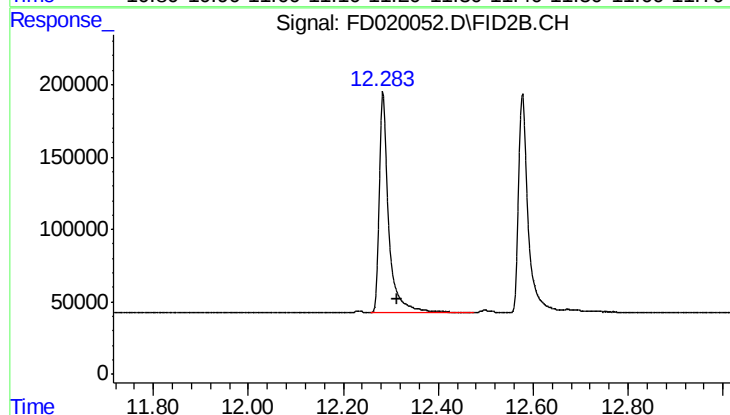
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.029 min
Response: 1925906
Conc: 19.80 ug/ml



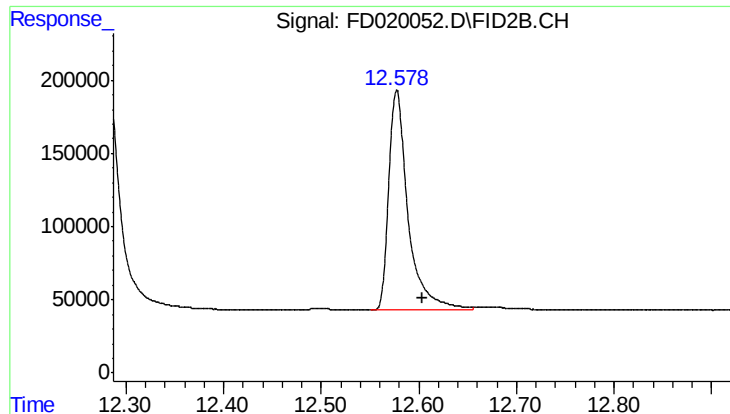
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.029 min
Response: 1896840
Conc: 19.17 ug/ml



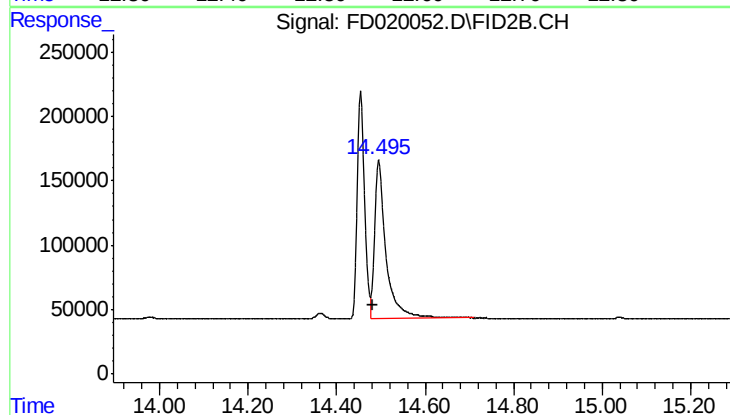
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 2086052
Conc: 19.68 ug/ml



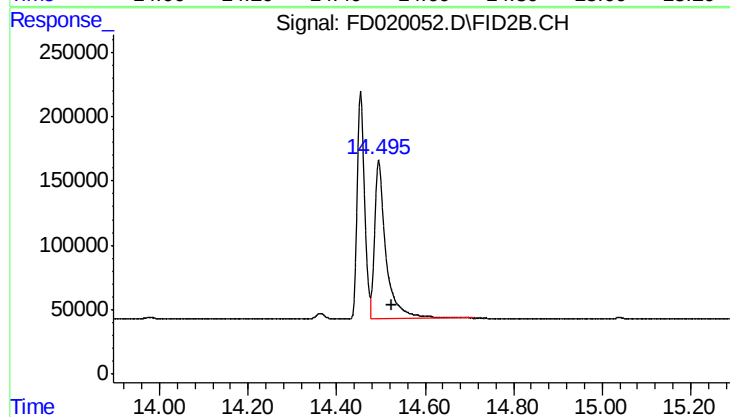
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.026 min
Response: 2083832
Conc: 19.67 ug/ml



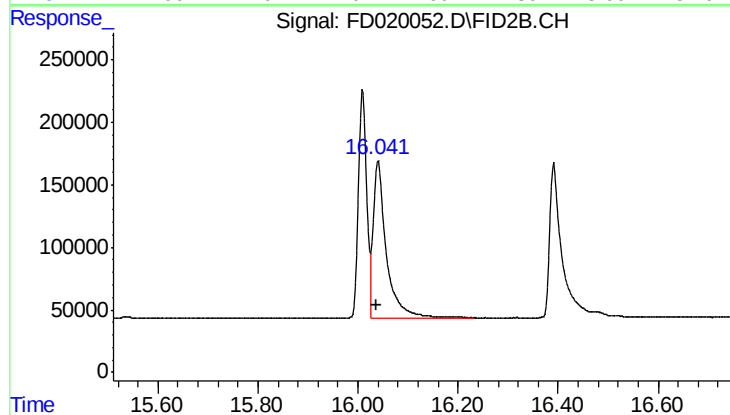
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.495 min
Delta R.T.: 0.014 min
Response: 2204148
Conc: 21.06 ug/ml



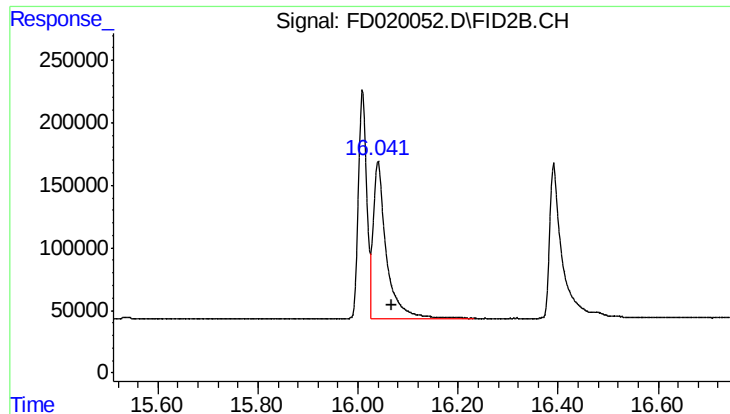
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: -0.029 min
Response: 2204148
Conc: 20.39 ug/ml



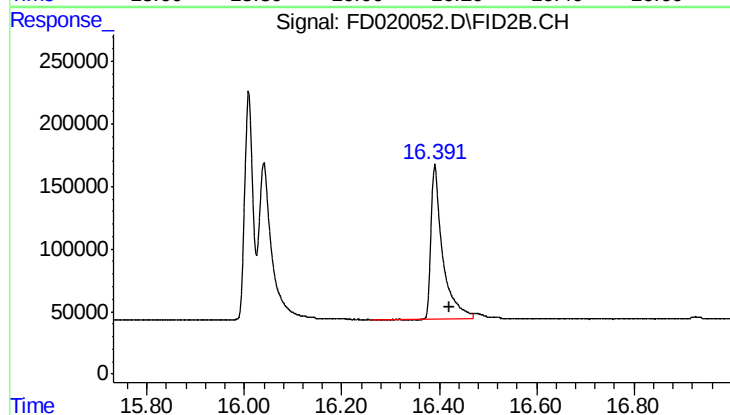
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.040 min
Delta R.T.: 0.003 min
Response: 2299905
Conc: 21.38 ug/ml



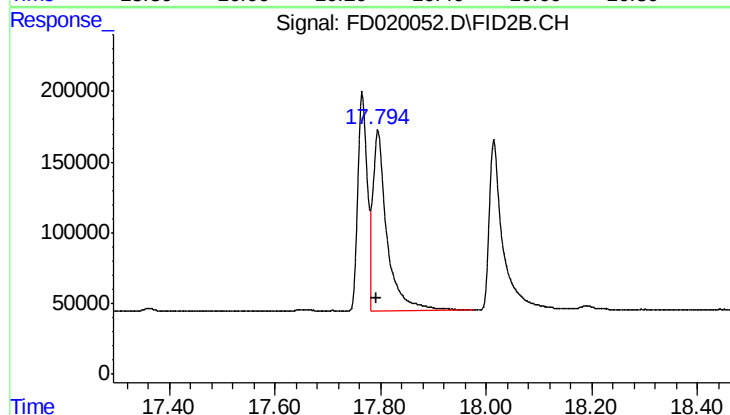
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: -0.028 min
Response: 2299905
Conc: 20.30 ug/ml



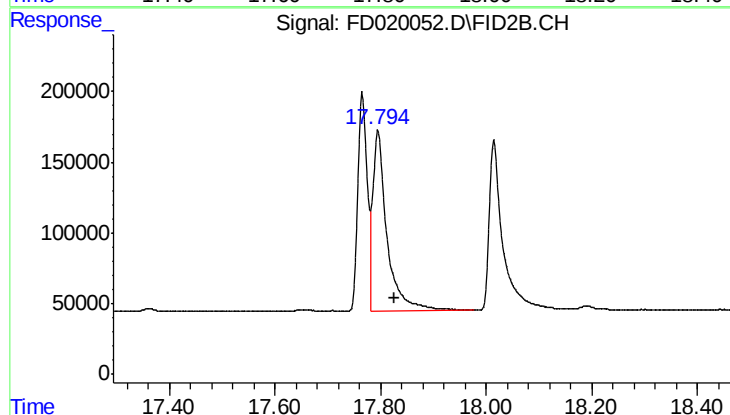
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.030 min
Response: 2035836
Conc: 18.68 ug/ml



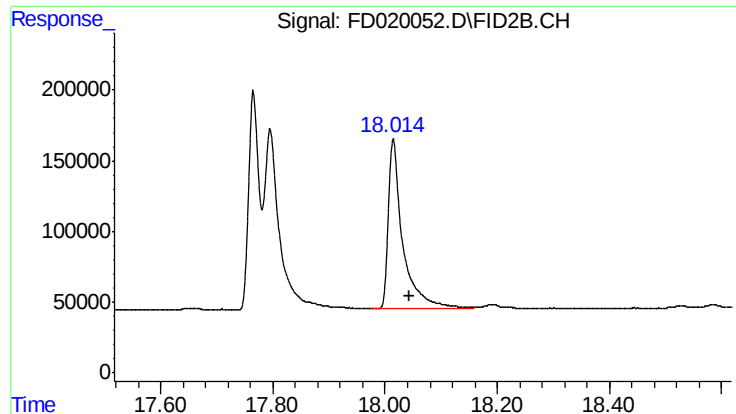
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.002 min
Response: 2414323
Conc: 24.40 ug/ml



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

R.T.: 17.795 min
Delta R.T.: -0.031 min
Response: 2414323
Conc: 21.06 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.029 min
Response: 2155721
Conc: 20.66 ug/ml