

Data Path : P:\HPCHEM1\FID D\Data\FD021418AR\
 Data File : FD020027.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2018 20:19
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 13:23:28 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...	7.353	1460274	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
6) S 2-Fluorobiphenyl (SURR)	8.213	923926	16.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.78%
11) S ortho-Terphenyl (SURR)	11.234	1699267	17.176 ug/ml
Spiked Amount 50.000		Recovery =	34.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	1635121	18.470 ug/ml
2) T Naphthalene (C11.7)	5.691	1598100	17.893 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1643190	17.898 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1706018	17.992 ug/ml
7) T Acenaphthene (C15.5)	8.299	1787408	18.323 ug/ml
8) T Fluorene (C16.55)	9.083	1638260	17.239 ug/ml
9) T Phenanthrene (C19.36)	10.475	1696920	17.069 ug/ml
10) T Anthracene (C19.43)	10.552	1636070	16.824 ug/ml
12) T Fluoranthene (C21.85)	12.284	1815665	17.127 ug/ml
13) T Pyrene (C20.8)	12.578	1828482	17.262 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.496	1897899	18.134 ug/ml
15) T Chrysene (C27.41)	14.496	1897899	17.561 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.008	3862413	35.900 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.391	1880871	17.255 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.796	2063131	20.855 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.796	2063131	18.000 ug/ml
21) T Benzo[<i>q,h,i</i>]perylene ...	18.014	1871958	17.938 ug/ml

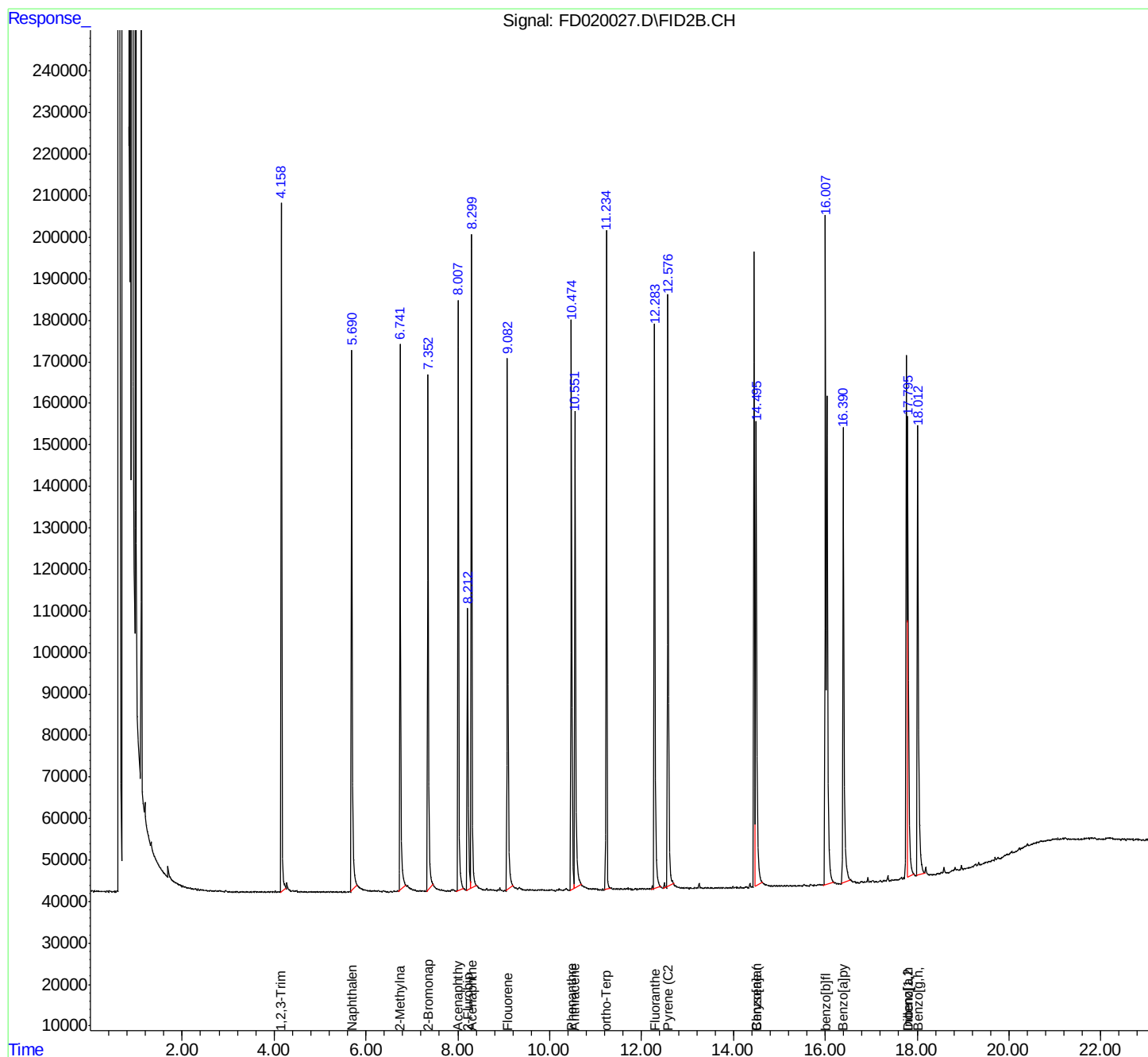
(f)=RT Delta > 1/2 Window

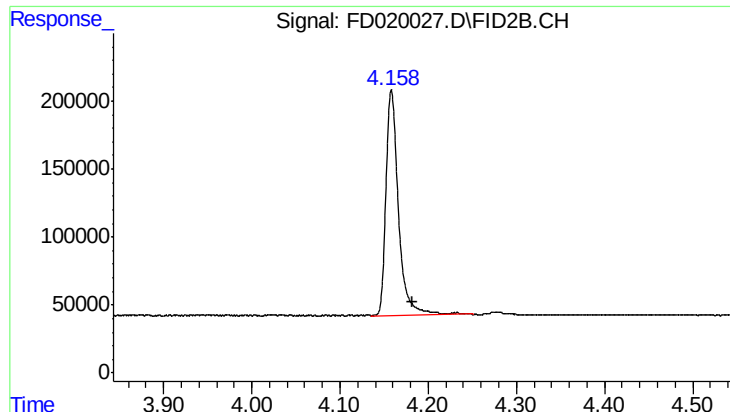
(m)=manual int.

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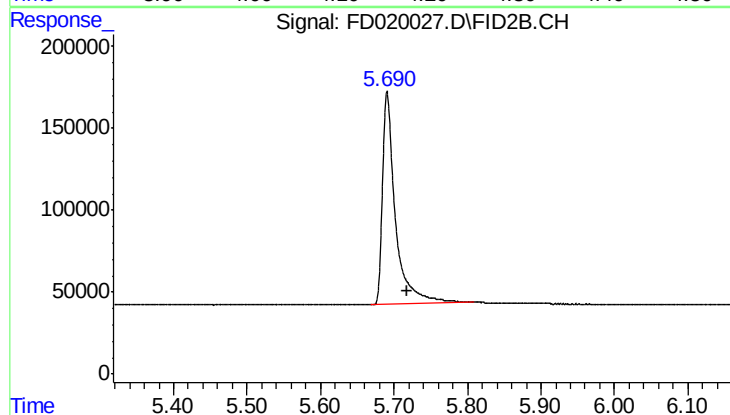
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





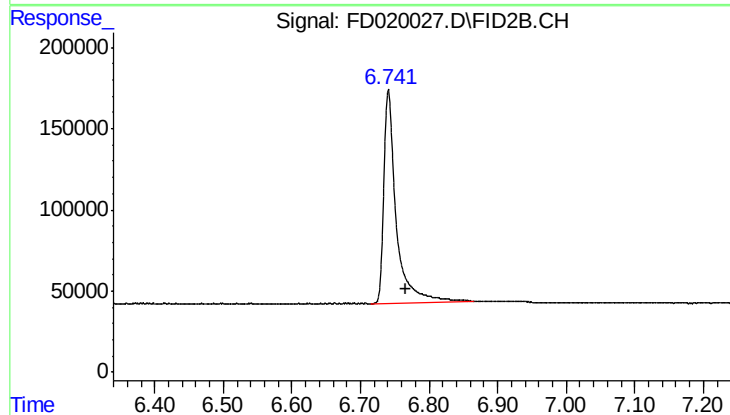
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.024 min
Response: 1635121
Conc: 18.47 ug/ml



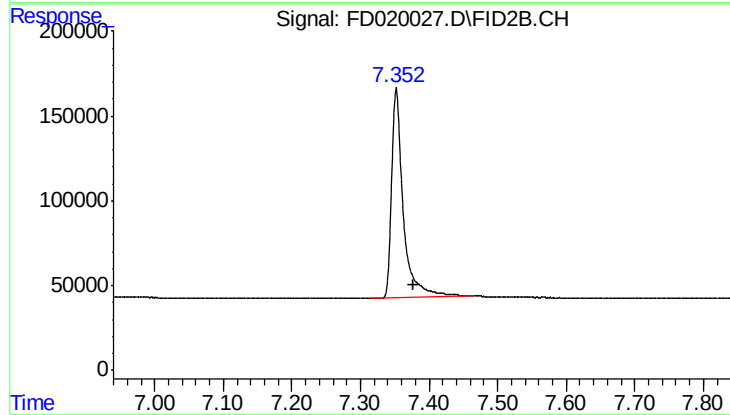
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.026 min
Response: 1598100
Conc: 17.89 ug/ml



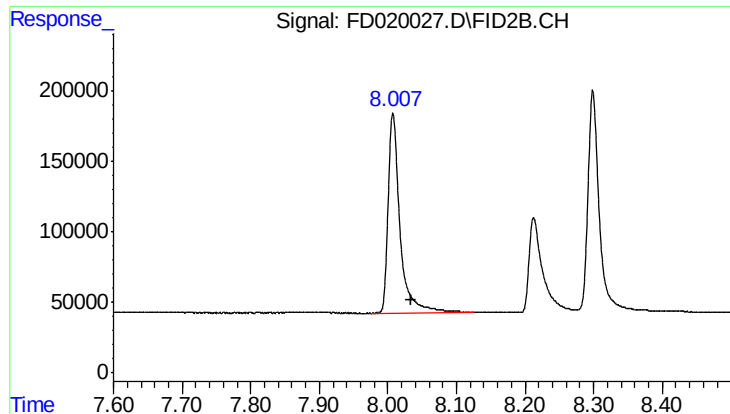
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.025 min
Response: 1643190
Conc: 17.90 ug/ml



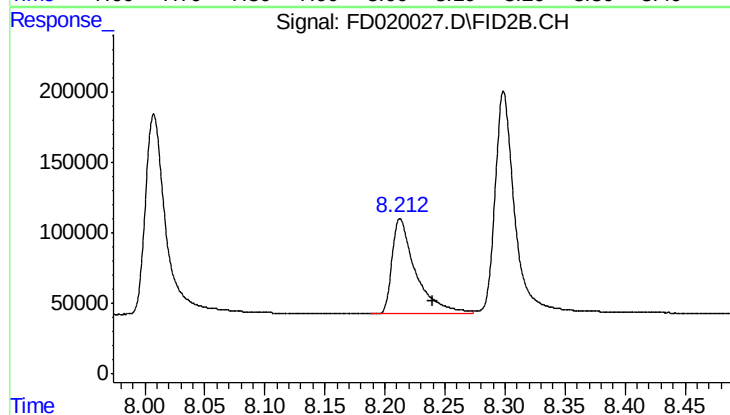
#4 2-Bromonaphthalene (SURR)

R.T.: 7.353 min
Delta R.T.: -0.025 min
Response: 1460274
Conc: 18.05 ug/ml



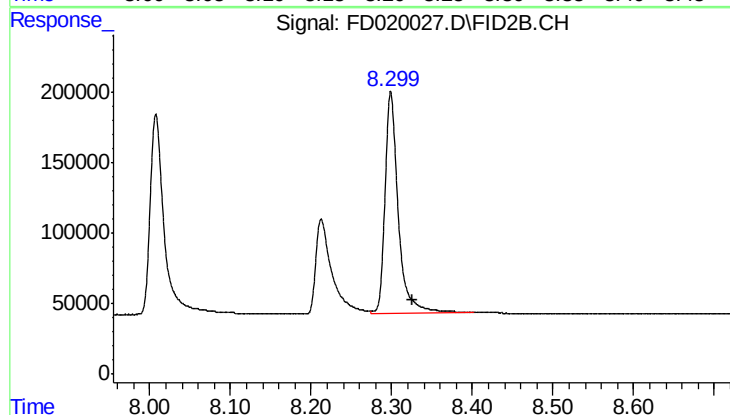
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.026 min
Response: 1706018
Conc: 17.99 ug/ml



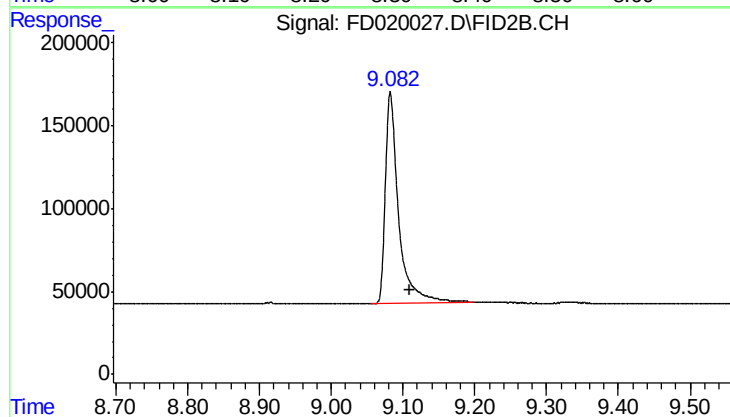
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.213 min
Delta R.T.: -0.027 min
Response: 923926
Conc: 16.89 ug/ml



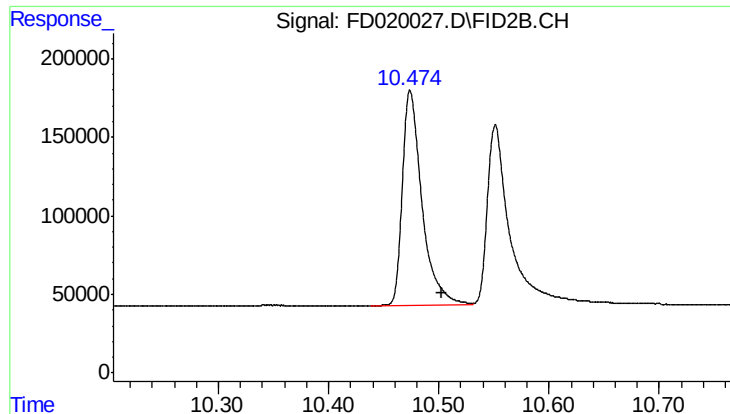
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.027 min
Response: 1787408
Conc: 18.32 ug/ml



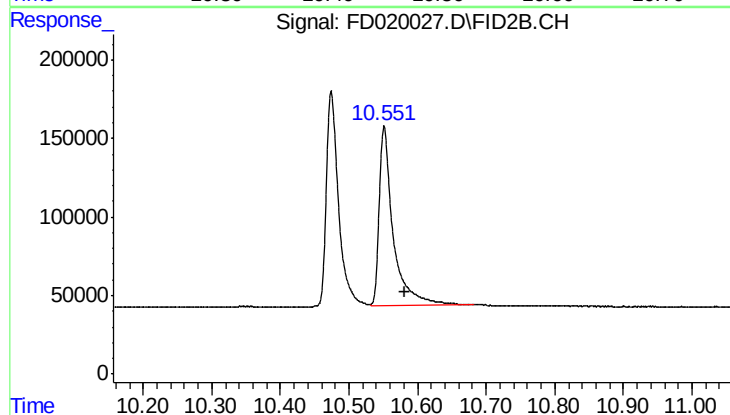
#8 Fluorene (C16.55)

R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 1638260
Conc: 17.24 ug/ml



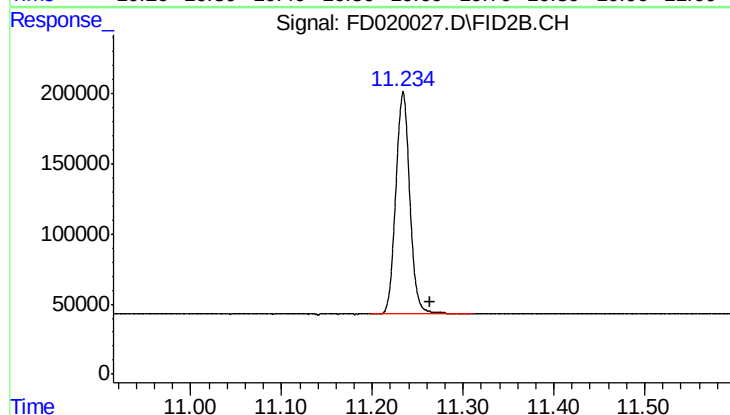
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: -0.028 min
Response: 1696920
Conc: 17.07 ug/ml



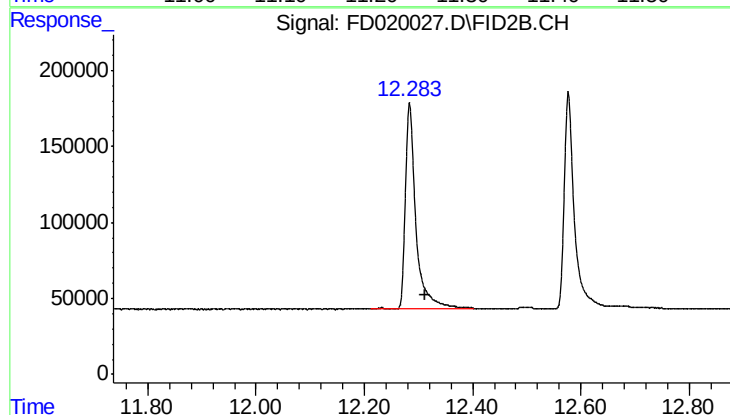
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.029 min
Response: 1636070
Conc: 16.82 ug/ml



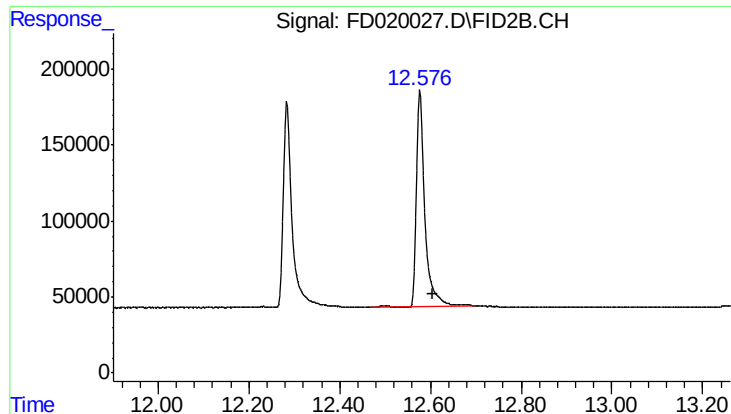
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.029 min
Response: 1699267
Conc: 17.18 ug/ml



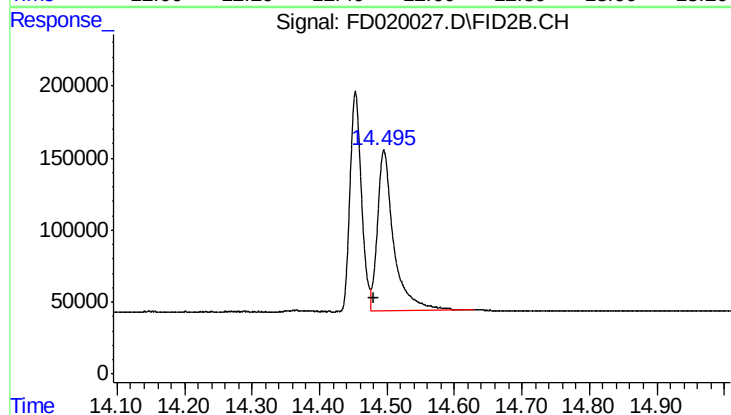
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 1815665
Conc: 17.13 ug/ml



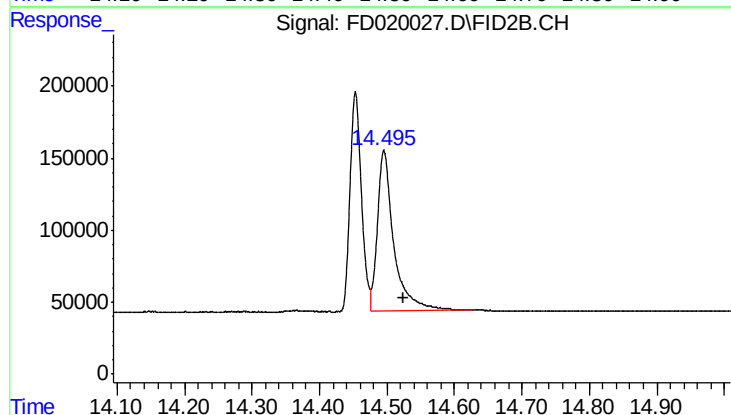
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.026 min
Response: 1828482
Conc: 17.26 ug/ml



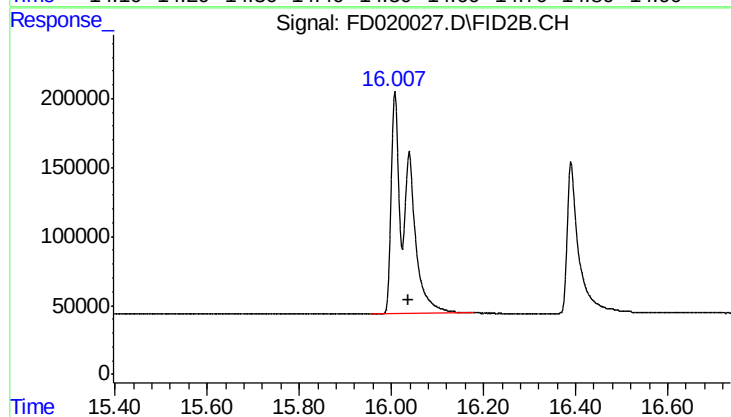
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: 0.015 min
Response: 1897899
Conc: 18.13 ug/ml



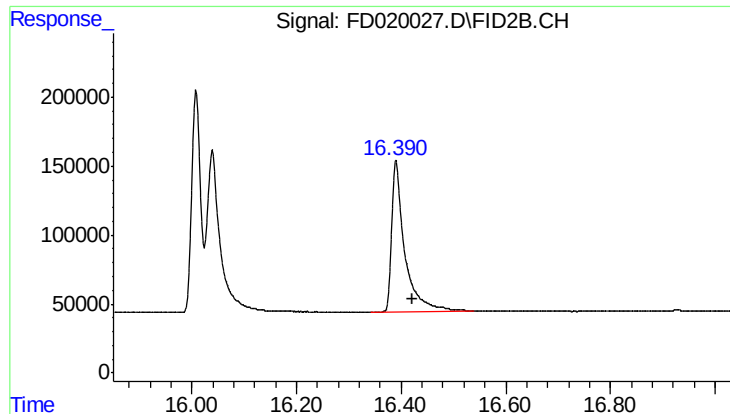
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 1897899
Conc: 17.56 ug/ml



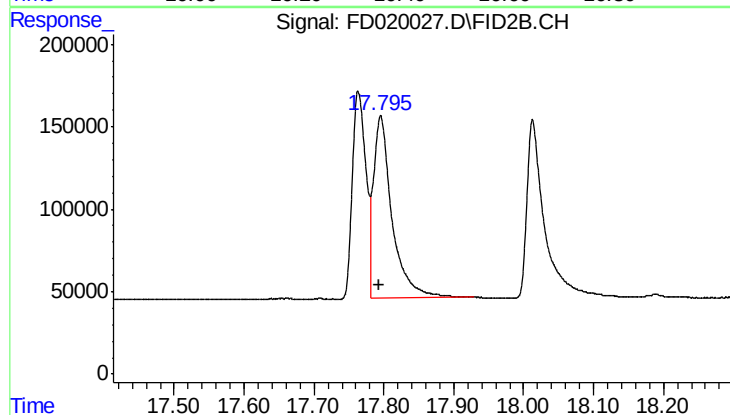
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.008 min
Delta R.T.: -0.029 min
Response: 3862413
Conc: 35.90 ug/ml



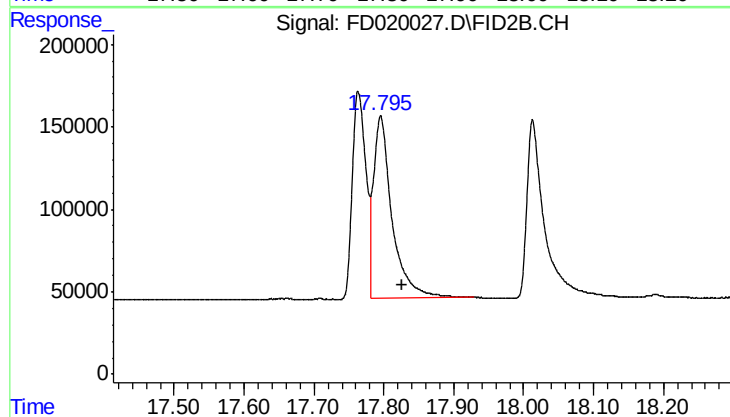
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.030 min
Response: 1880871
Conc: 17.26 ug/ml



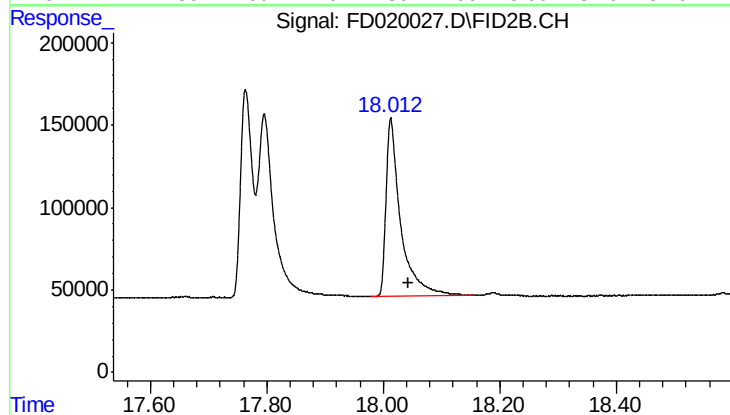
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: 0.002 min
Response: 2063131
Conc: 20.85 ug/ml



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

R.T.: 17.796 min
Delta R.T.: -0.030 min
Response: 2063131
Conc: 18.00 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.029 min
Response: 1871958
Conc: 17.94 ug/ml