

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020049.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2018 15:13
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 17:37:59 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	1665926	20.589 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
6) S 2-Fluorobiphenyl (SURR)	8.212	1015808	18.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.14%
11) S ortho-Terphenyl (SURR)	11.234	1861149	18.812 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	1731766	19.562 ug/ml
2) T Naphthalene (C11.7)	5.691	1800362	20.158 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	1757275	19.141 ug/ml
5) T Acenaphthylene (C15.06)	8.007	1866455	19.684 ug/ml
7) T Acenaphthene (C15.5)	8.299	1990952	20.409 ug/ml
8) T Fluorene (C16.55)	9.082	1841851	19.382 ug/ml
9) T Phenanthrene (C19.36)	10.474	1872715	18.837 ug/ml
10) T Anthracene (C19.43)	10.552	1903138	19.571 ug/ml
12) T Fluoranthene (C21.85)	12.283	2037605	19.221 ug/ml
13) T Pyrene (C20.8)	12.577	2046692	19.322 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.496	2169920	20.733 ug/ml
15) T Chrysene (C27.41)	14.496	2169920	20.078 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.040	2274213	21.138 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.040	2274213	20.078 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.391	2154091	19.762 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.798	2352945	23.785 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.798	2352945	20.529 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.015	2137183	20.479 ug/ml

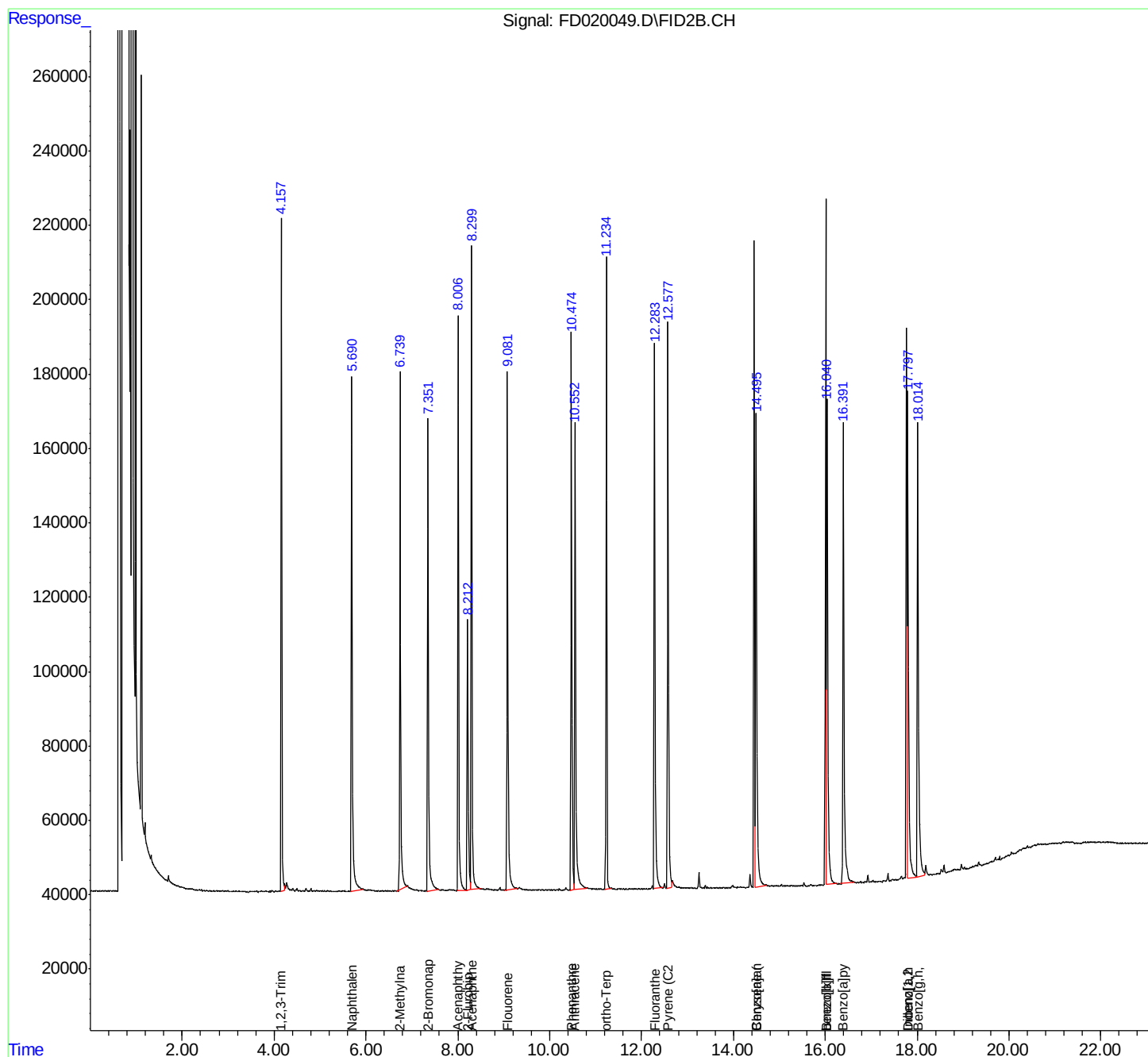
(f)=RT Delta > 1/2 Window

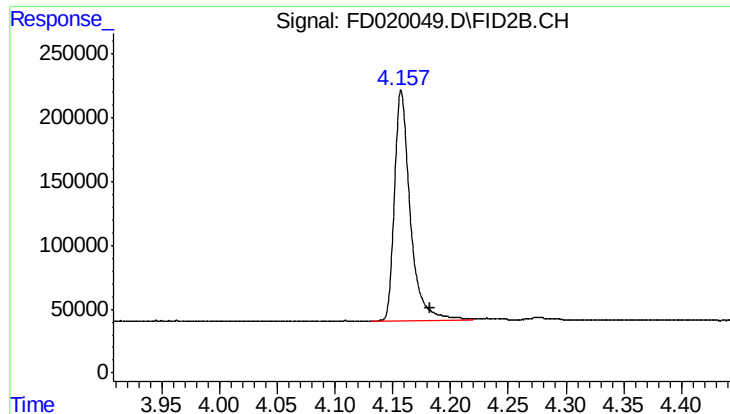
(m)=manual int.

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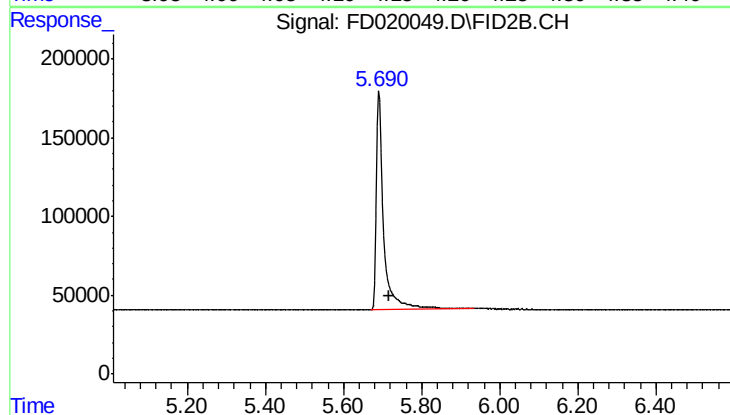
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





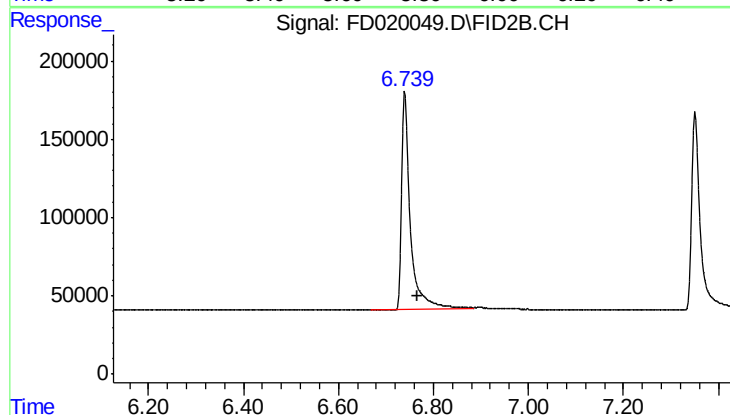
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.025 min
Response: 1731766
Conc: 19.56 ug/ml



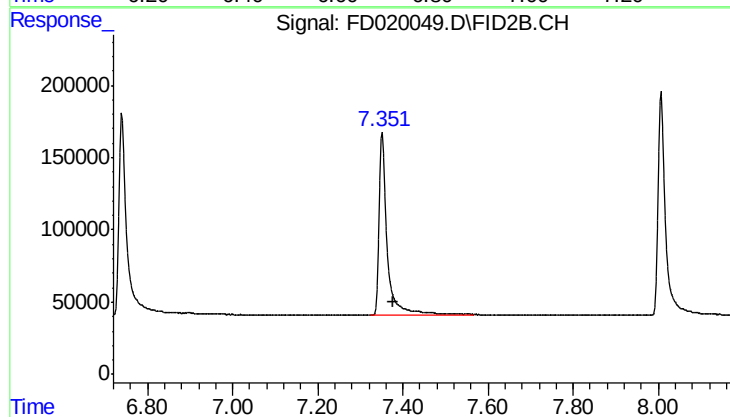
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.026 min
Response: 1800362
Conc: 20.16 ug/ml



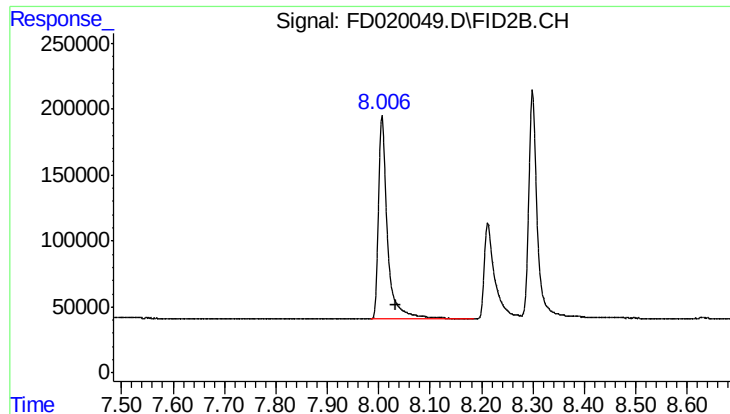
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.027 min
Response: 1757275
Conc: 19.14 ug/ml



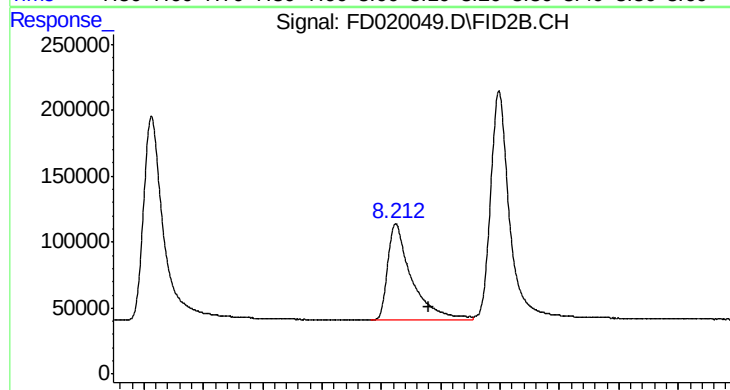
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.027 min
Response: 1665926
Conc: 20.59 ug/ml



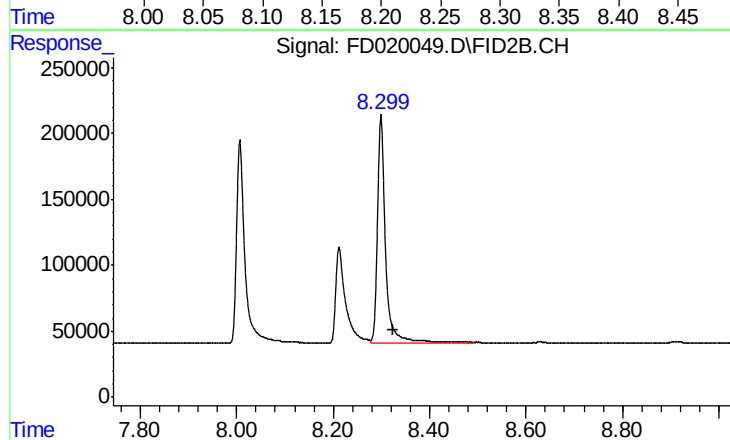
#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: -0.027 min
Response: 1866455
Conc: 19.68 ug/ml



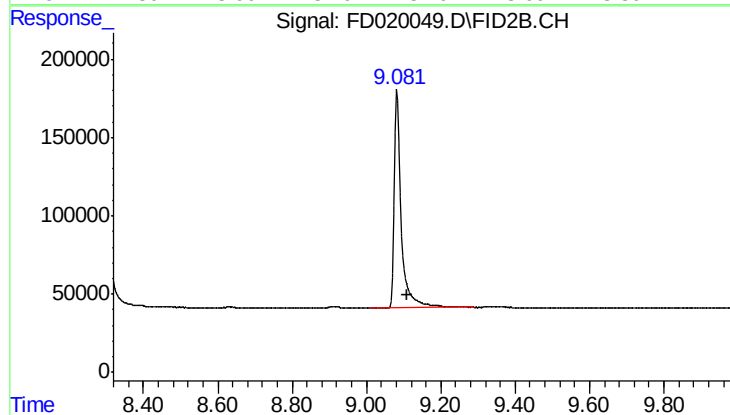
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.027 min
Response: 1015808
Conc: 18.57 ug/ml



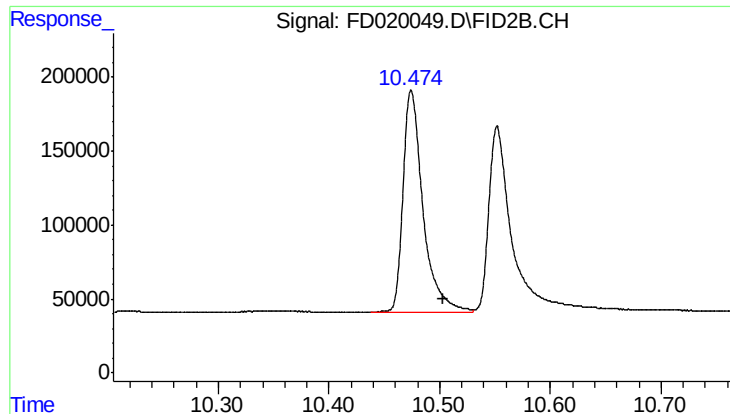
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.026 min
Response: 1990952
Conc: 20.41 ug/ml



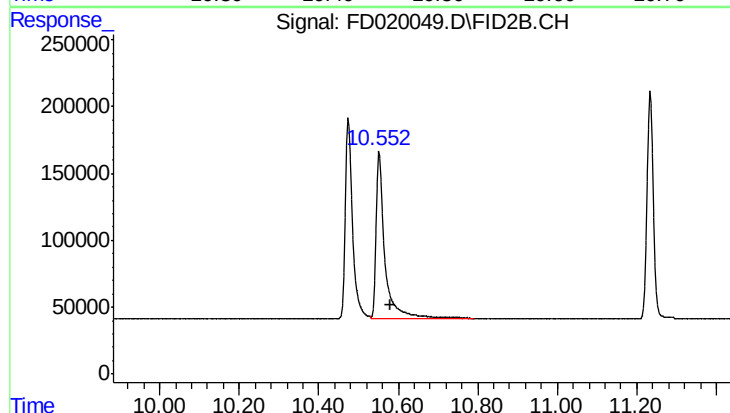
#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.028 min
Response: 1841851
Conc: 19.38 ug/ml



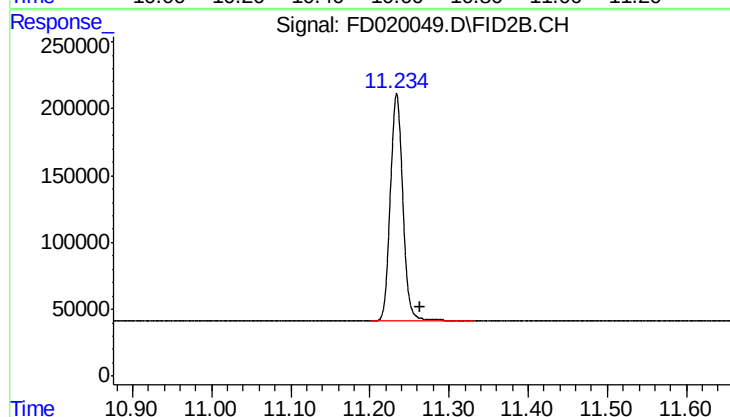
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: -0.028 min
Response: 1872715
Conc: 18.84 ug/ml



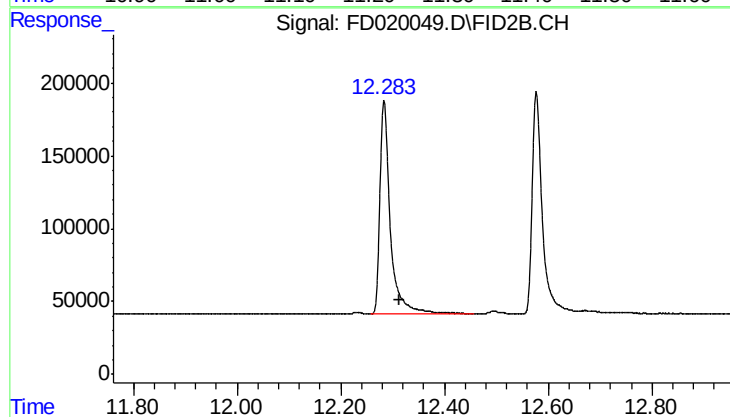
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.028 min
Response: 1903138
Conc: 19.57 ug/ml



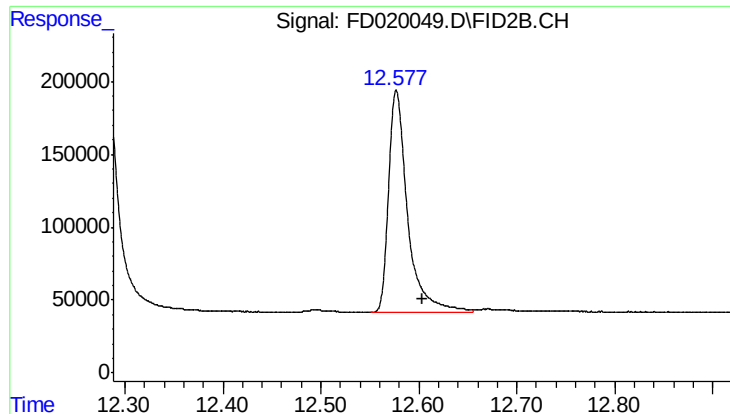
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.029 min
Response: 1861149
Conc: 18.81 ug/ml



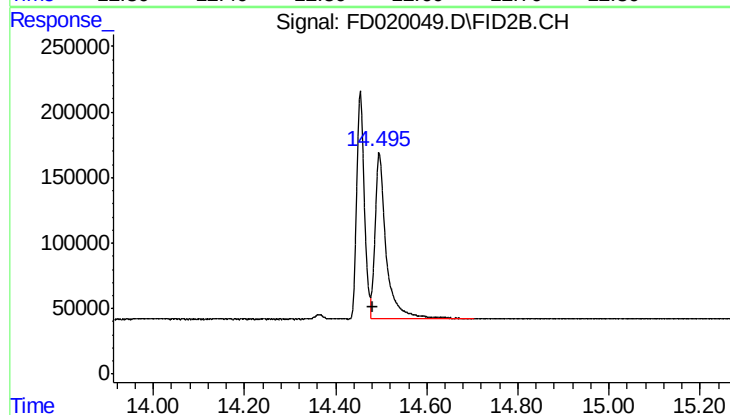
#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: -0.029 min
Response: 2037605
Conc: 19.22 ug/ml



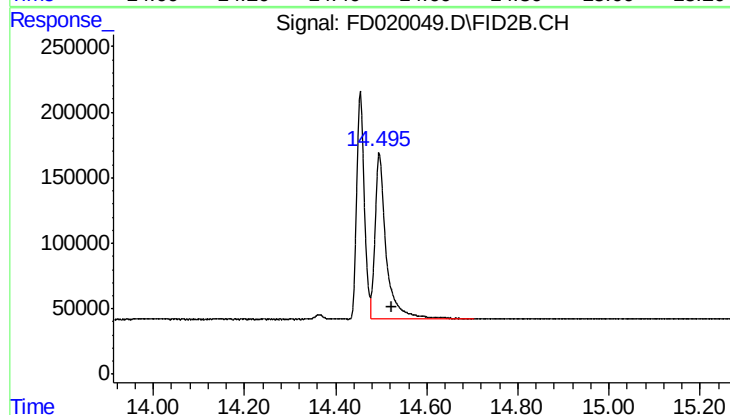
#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: -0.027 min
Response: 2046692
Conc: 19.32 ug/ml



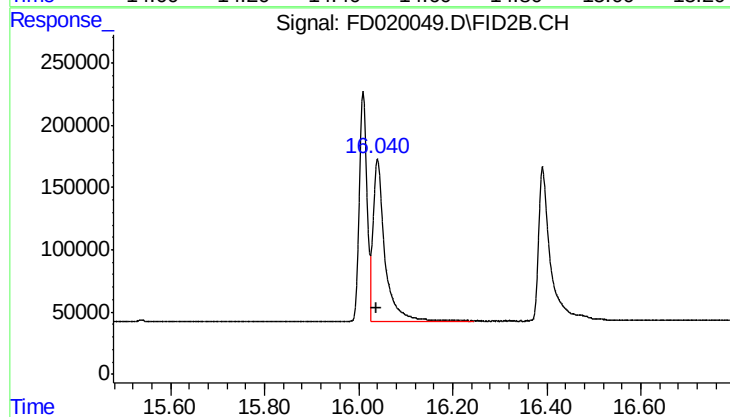
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: 0.015 min
Response: 2169920
Conc: 20.73 ug/ml



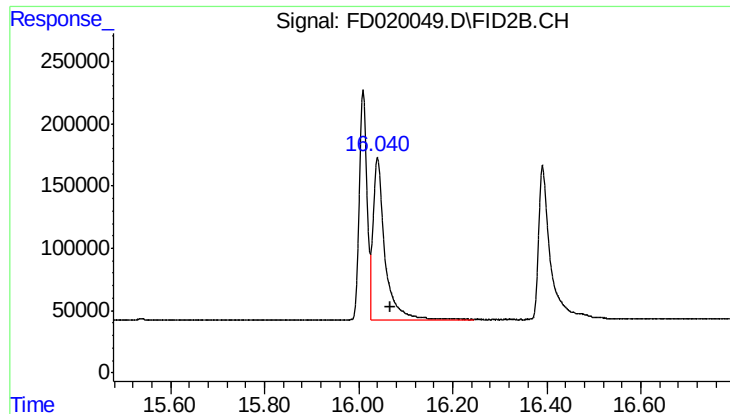
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 2169920
Conc: 20.08 ug/ml



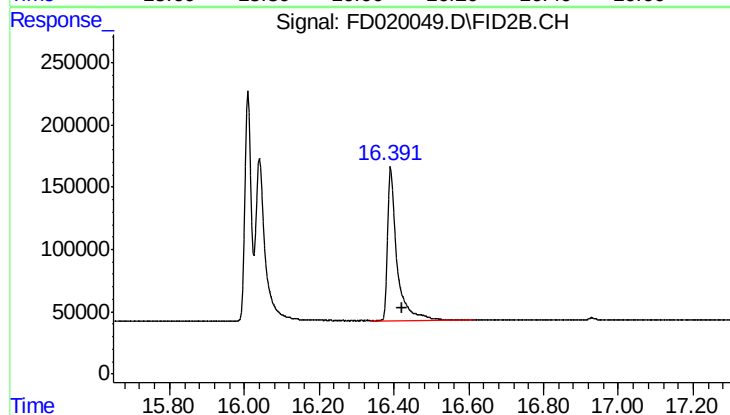
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.040 min
Delta R.T.: 0.003 min
Response: 2274213
Conc: 21.14 ug/ml



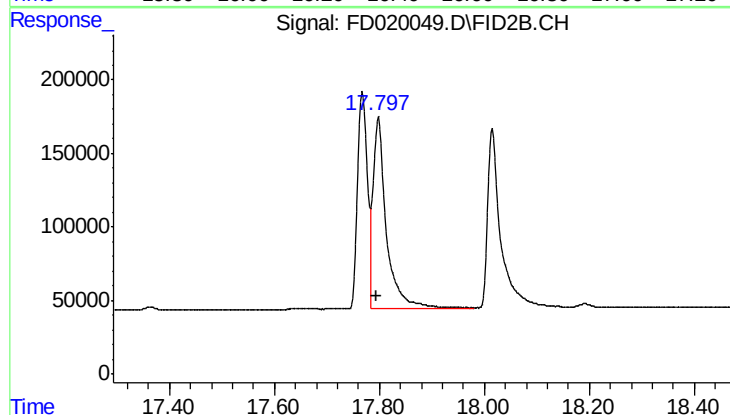
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: -0.027 min
Response: 2274213
Conc: 20.08 ug/ml



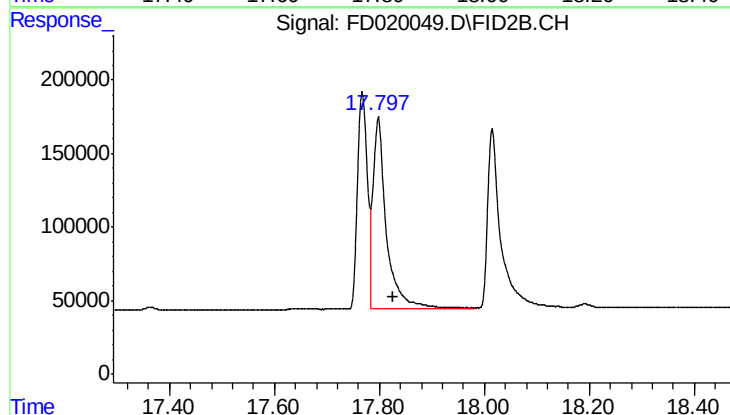
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.030 min
Response: 2154091
Conc: 19.76 ug/ml



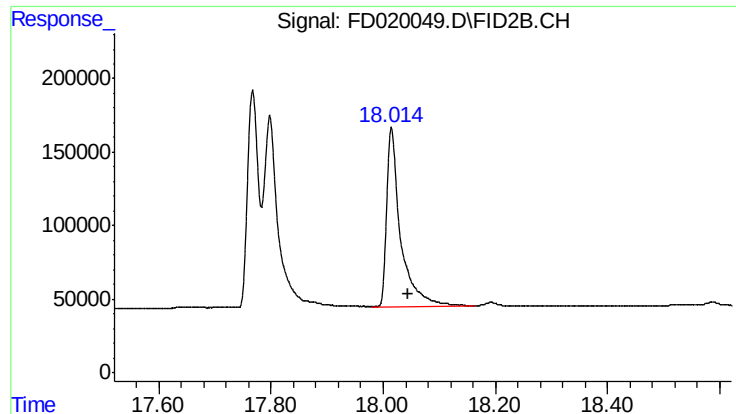
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: 0.005 min
Response: 2352945
Conc: 23.78 ug/ml



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

R.T.: 17.798 min
Delta R.T.: -0.028 min
Response: 2352945
Conc: 20.53 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.029 min
Response: 2137183
Conc: 20.48 ug/ml