

Data Path : P:\HPCHEM1\FID D\Data\FD020918AR\
 Data File : FD019978.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2018 6:42
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 14:28:27 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...	7.354	1630408	20.150 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
6) S 2-Fluorobiphenyl (SURR)	8.213	1073154	19.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.24%
11) S ortho-Terphenyl (SURR)	11.238	1871577	18.918 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	1780592	20.114 ug/ml
2) T Naphthalene (C11.7)	5.693	1809385	20.259 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	1845220	20.099 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1862778	19.645 ug/ml
7) T Acenaphthene (C15.5)	8.303	1938847	19.875 ug/ml
8) T Fluorene (C16.55)	9.085	1833867	19.298 ug/ml
9) T Phenanthrene (C19.36)	10.477	1873321	18.843 ug/ml
10) T Anthracene (C19.43)	10.553	1852420	19.049 ug/ml
12) T Fluoranthene (C21.85)	12.286	1973737	18.618 ug/ml
13) T Pyrene (C20.8)	12.580	2024852	19.115 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.498	2068721	19.766 ug/ml
15) T Chrysene (C27.41)	14.498	2068721	19.141 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.043	2146747	19.953 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.043	2146747	18.953 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.393	2111111	19.368 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.799	2195609	22.194 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.799	2195609	19.156 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.020	2055922	19.701 ug/ml

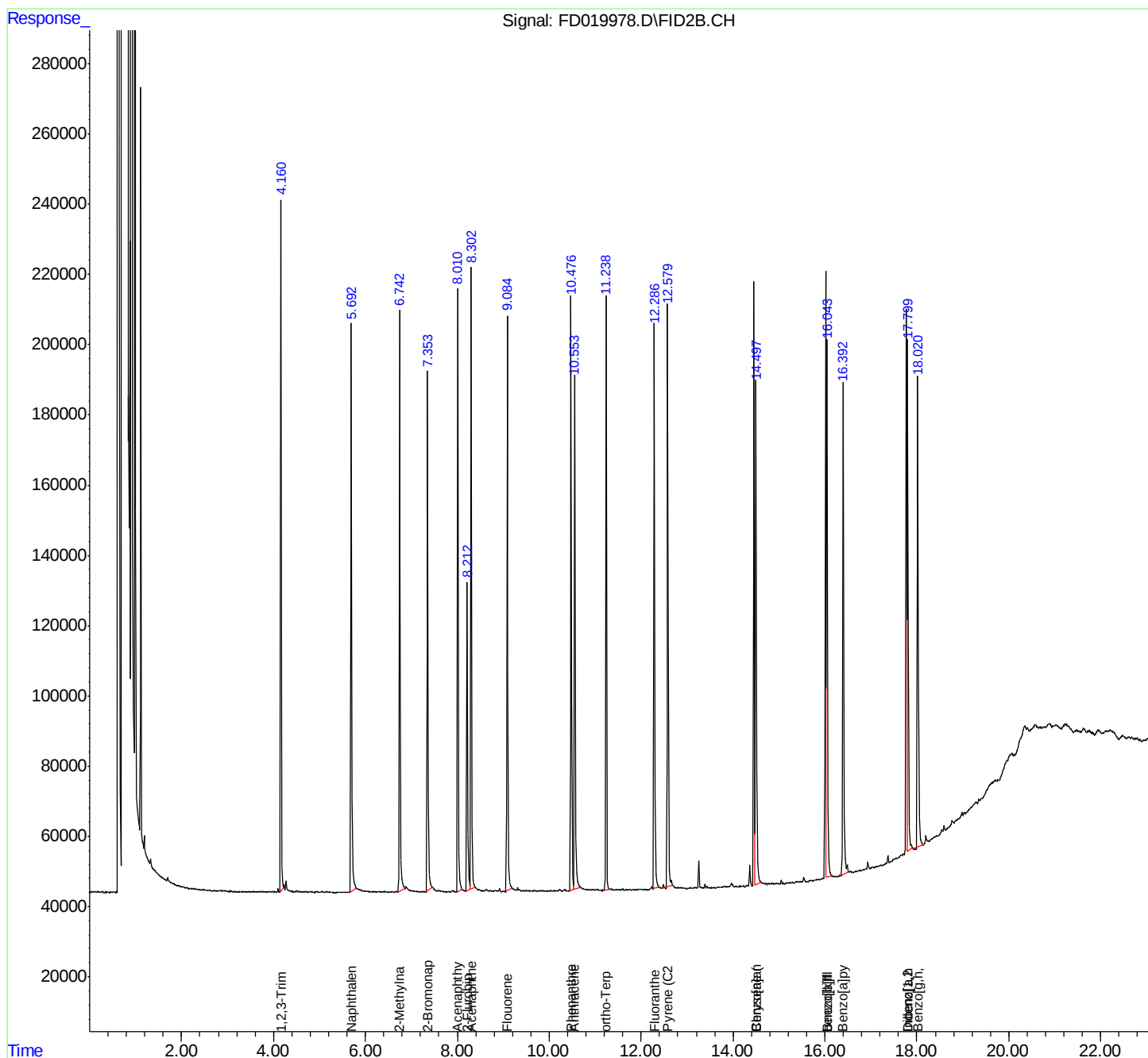
(f)=RT Delta > 1/2 Window

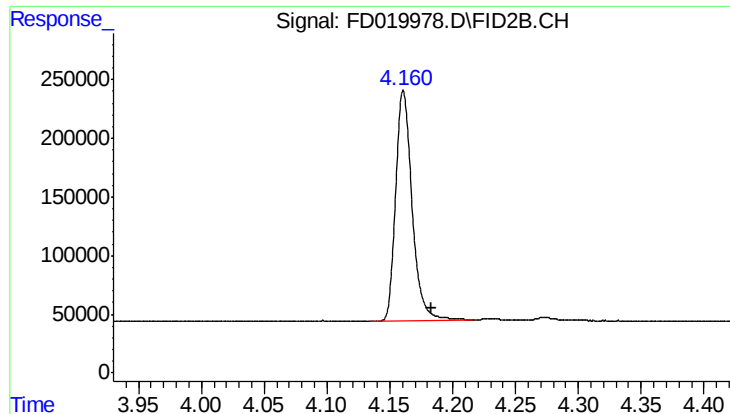
(m)=manual int.

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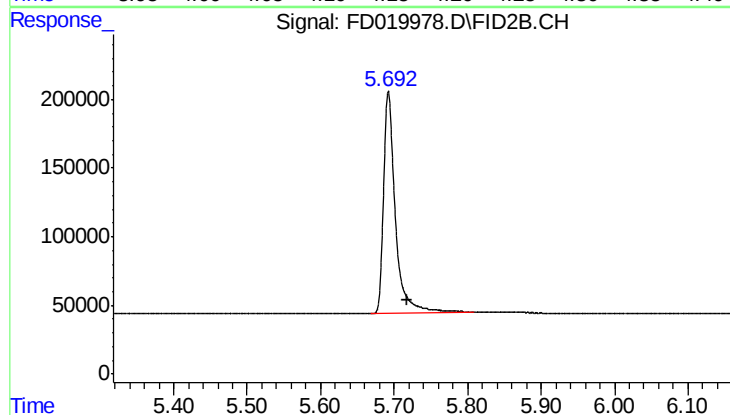
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





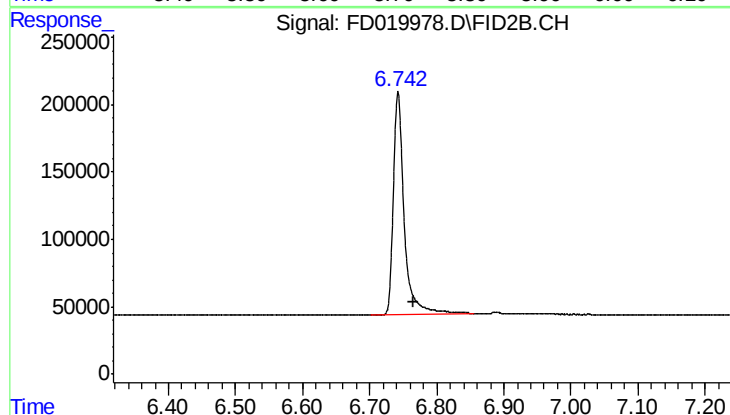
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: -0.022 min
Response: 1780592
Conc: 20.11 ug/ml



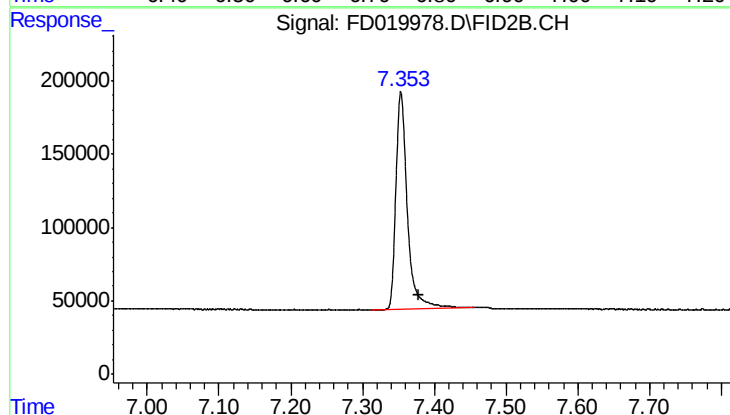
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.025 min
Response: 1809385
Conc: 20.26 ug/ml



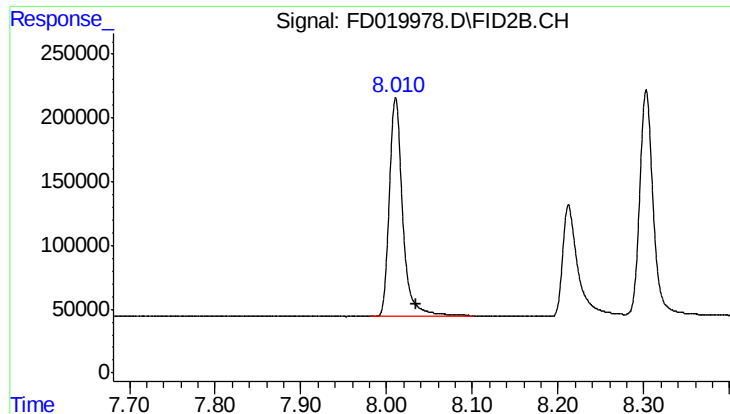
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.024 min
Response: 1845220
Conc: 20.10 ug/ml



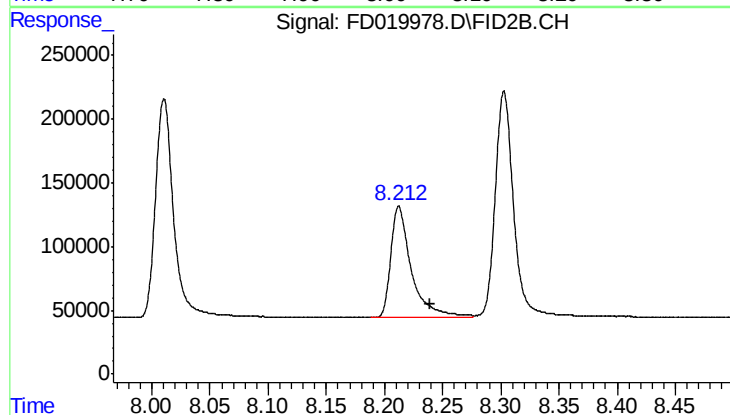
#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: -0.024 min
Response: 1630408
Conc: 20.15 ug/ml



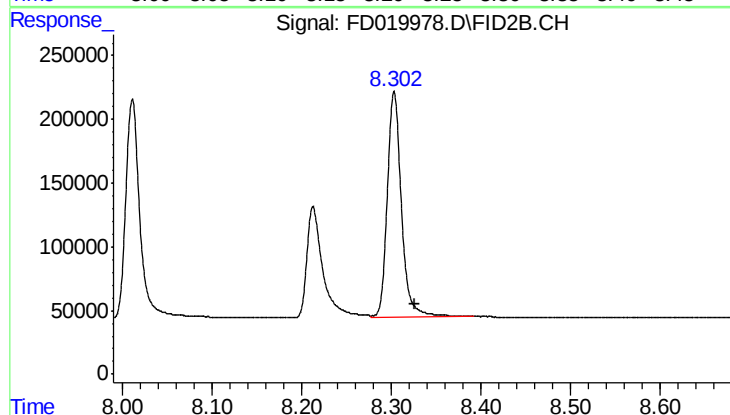
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.023 min
Response: 1862778
Conc: 19.65 ug/ml



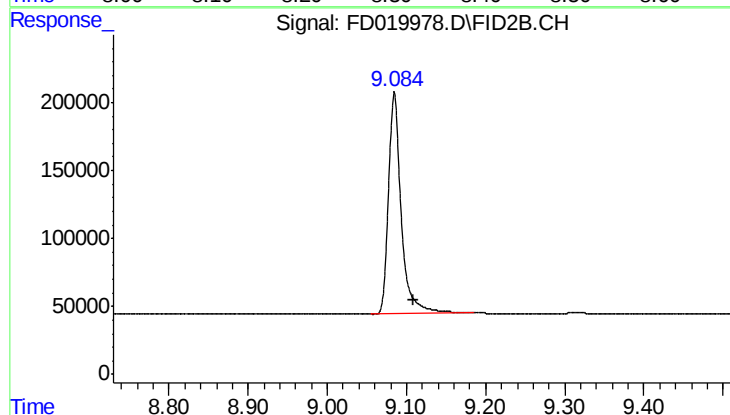
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.027 min
Response: 1073154
Conc: 19.62 ug/ml



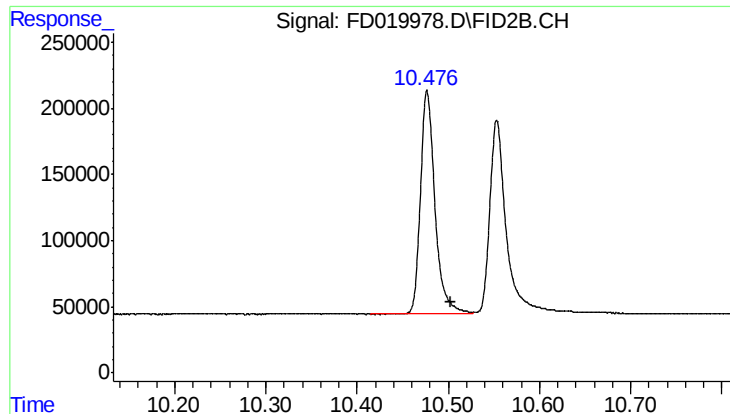
#7 Acenaphthene (C15.5)

R.T.: 8.303 min
Delta R.T.: -0.023 min
Response: 1938847
Conc: 19.88 ug/ml



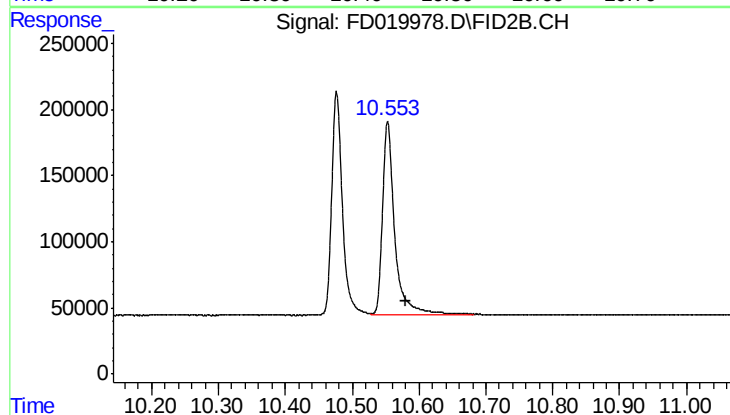
#8 Fluorene (C16.55)

R.T.: 9.085 min
Delta R.T.: -0.025 min
Response: 1833867
Conc: 19.30 ug/ml



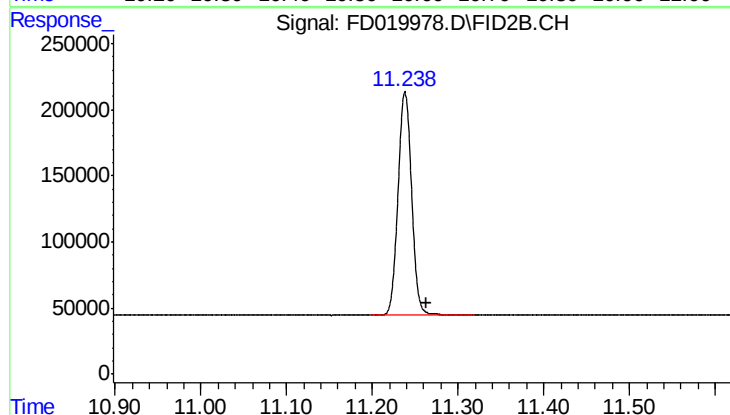
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: -0.026 min
Response: 1873321
Conc: 18.84 ug/ml



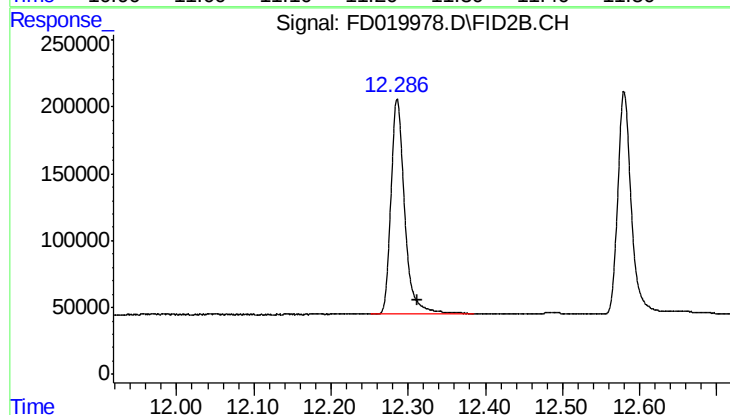
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.027 min
Response: 1852420
Conc: 19.05 ug/ml



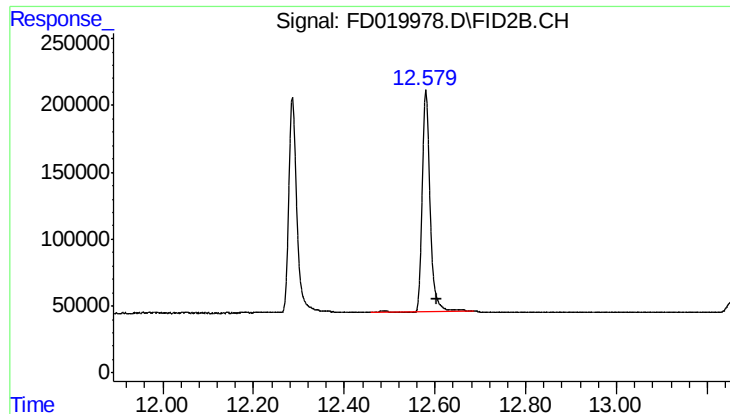
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.025 min
Response: 1871577
Conc: 18.92 ug/ml



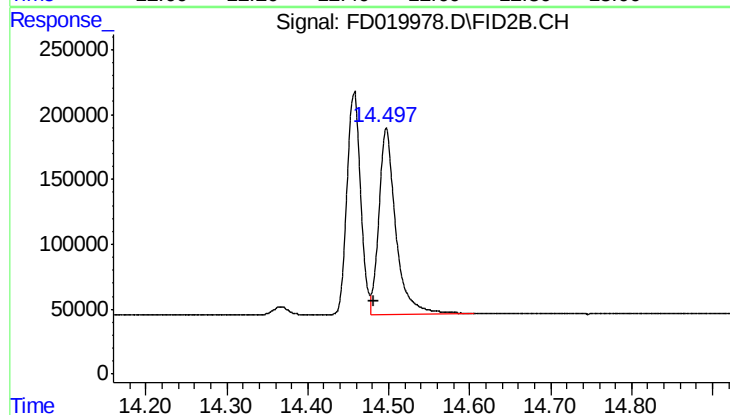
#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: -0.026 min
Response: 1973737
Conc: 18.62 ug/ml



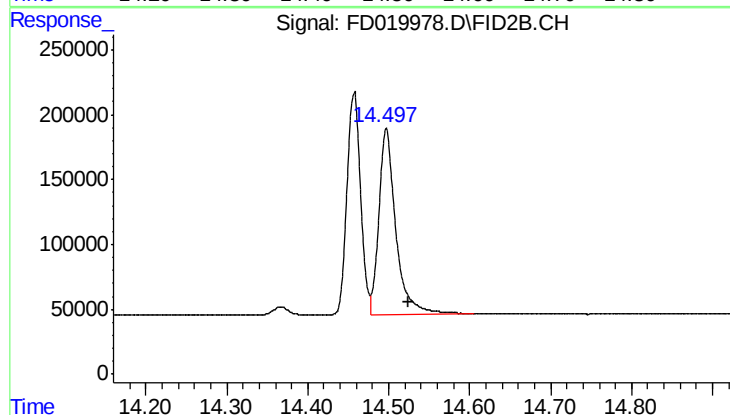
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: -0.024 min
Response: 2024852
Conc: 19.12 ug/ml



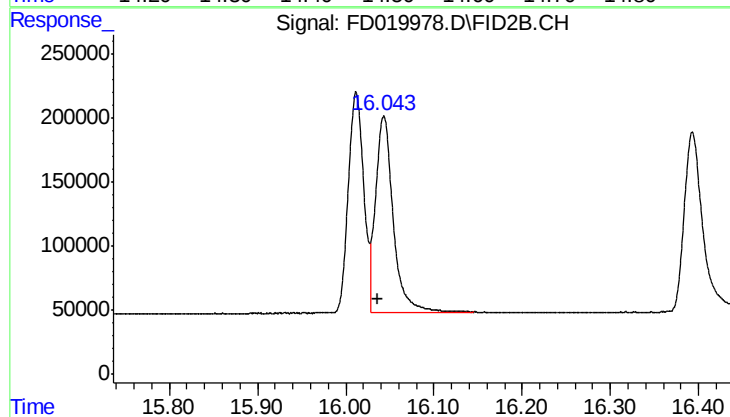
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: 0.016 min
Response: 2068721
Conc: 19.77 ug/ml



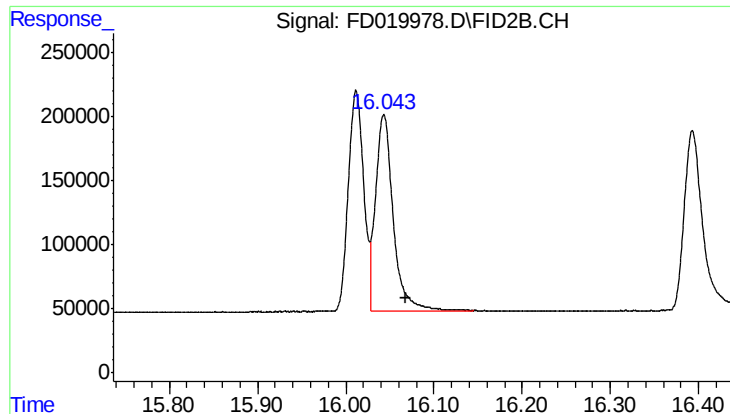
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.027 min
Response: 2068721
Conc: 19.14 ug/ml



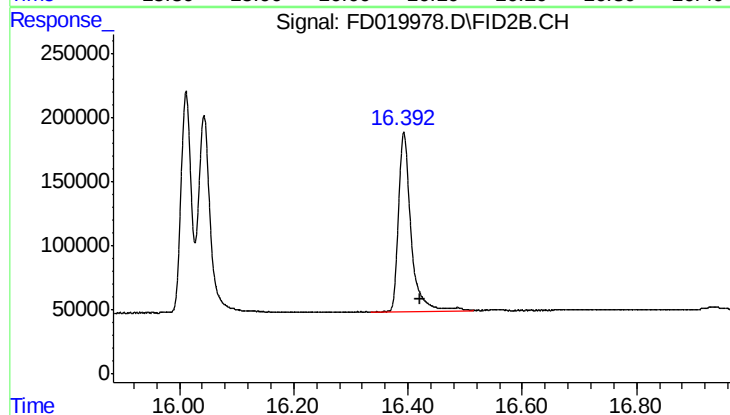
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.043 min
Delta R.T.: 0.006 min
Response: 2146747
Conc: 19.95 ug/ml



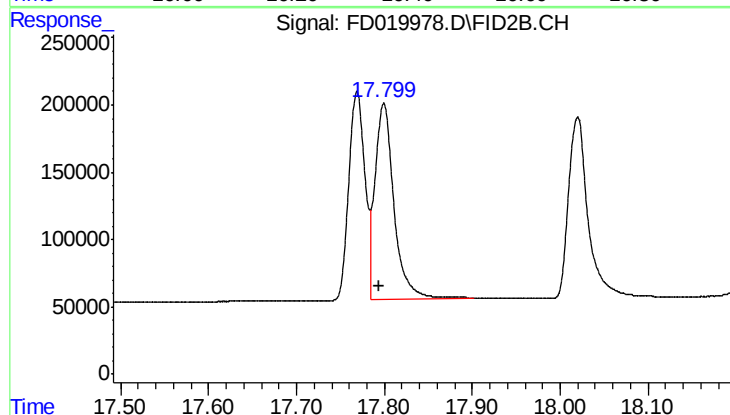
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: -0.024 min
Response: 2146747
Conc: 18.95 ug/ml



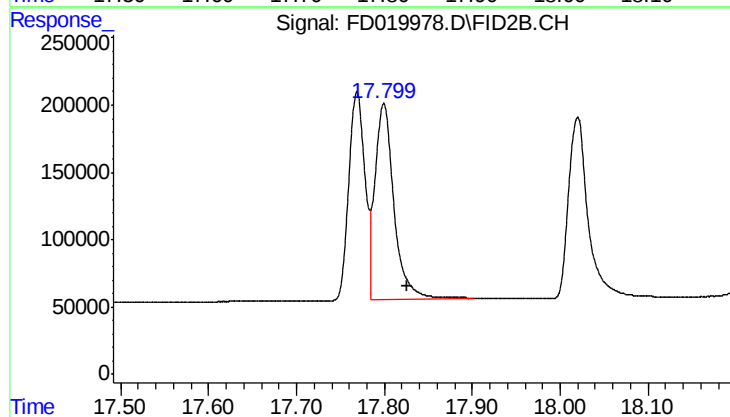
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2111111
Conc: 19.37 ug/ml



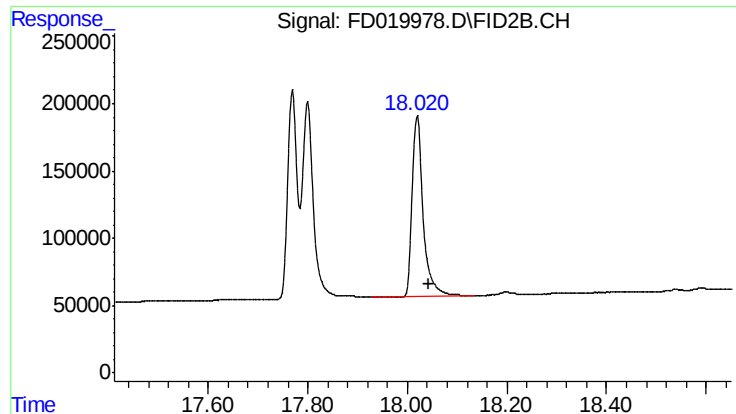
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: 0.006 min
Response: 2195609
Conc: 22.19 ug/ml



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

R.T.: 17.799 min
Delta R.T.: -0.027 min
Response: 2195609
Conc: 19.16 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.024 min
Response: 2055922
Conc: 19.70 ug/ml