

Data Path : P:\HPCHEM1\FID D\Data\FD021218AR\
 Data File : FD019982.D
 Signal(s) : FID2B.CH
 Acq On : 12 Feb 2018 10:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 10:35:01 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...	7.352	1777734	21.971 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
6) S 2-Fluorobiphenyl (SURR)	8.211	1172564	21.437 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.87%
11) S ortho-Terphenyl (SURR)	11.237	2050759	20.729 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	1943888	21.958 ug/ml
2) T Naphthalene (C11.7)	5.691	1966156	22.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	2013565	21.933 ug/ml
5) T Acenaphthylene (C15.06)	8.008	2048711	21.606 ug/ml
7) T Acenaphthene (C15.5)	8.301	2118390	21.716 ug/ml
8) T Fluorene (C16.55)	9.083	2013512	21.188 ug/ml
9) T Phenanthrene (C19.36)	10.474	2037477	20.494 ug/ml
10) T Anthracene (C19.43)	10.551	1969151	20.249 ug/ml
12) T Fluoranthene (C21.85)	12.284	2146301	20.246 ug/ml
13) T Pyrene (C20.8)	12.578	2211248	20.875 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.496	2262349	21.616 ug/ml
15) T Chrysene (C27.41)	14.496	2262349	20.933 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.011	4693537	43.625 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.390	2249270	20.635 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.796	2441843	24.683 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.796	2441843	21.305 ug/ml
21) T Benzo[<i>q,h,i</i>]perylene ...	18.016	2305669	22.094 ug/ml

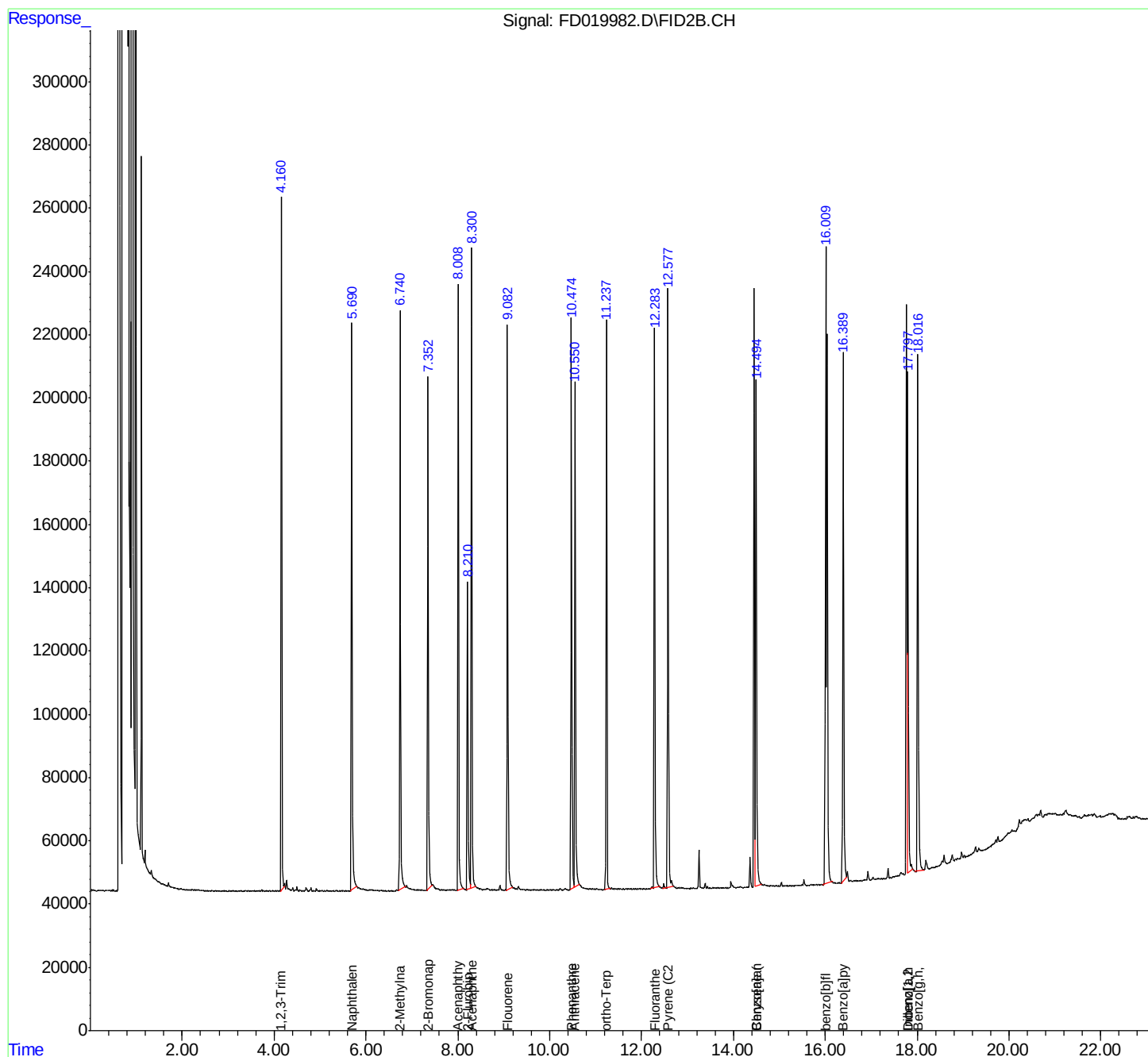
(f)=RT Delta > 1/2 Window

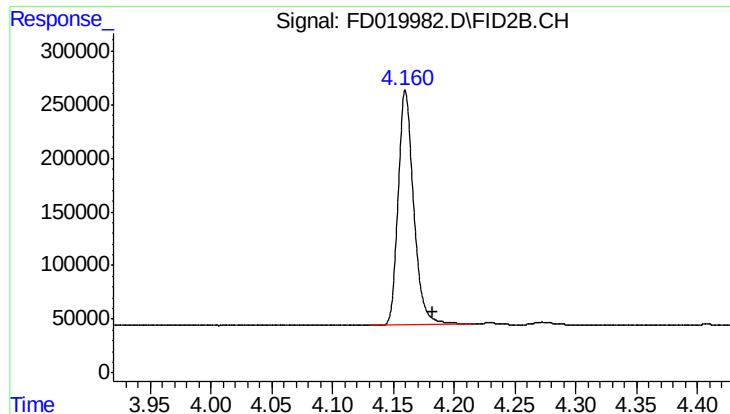
(m)=manual int.

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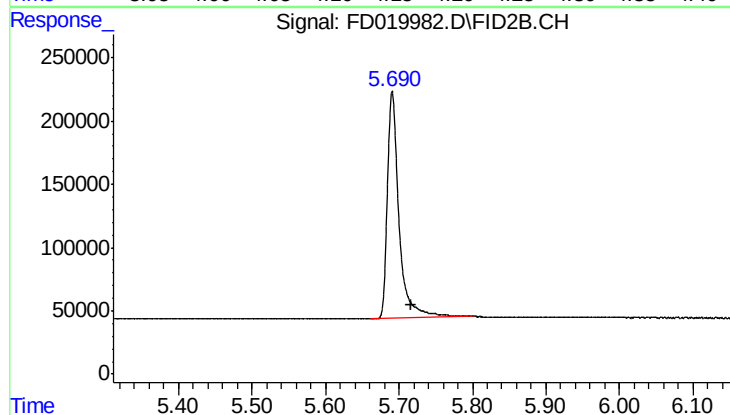
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





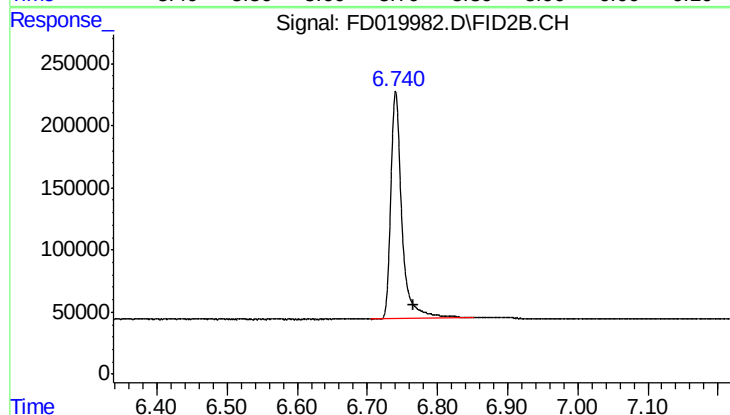
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: -0.022 min
Response: 1943888
Conc: 21.96 ug/ml



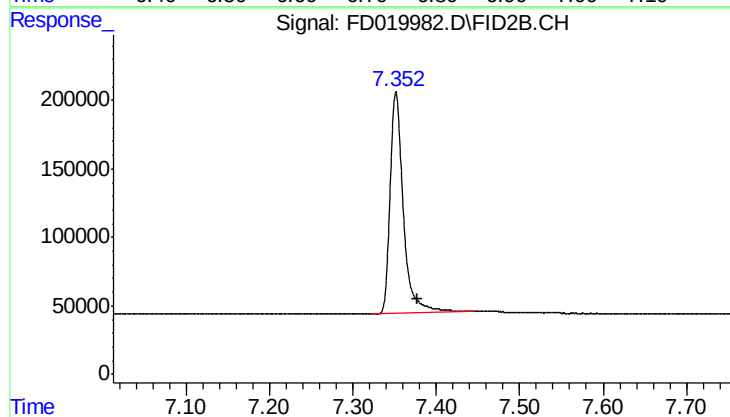
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.026 min
Response: 1966156
Conc: 22.01 ug/ml



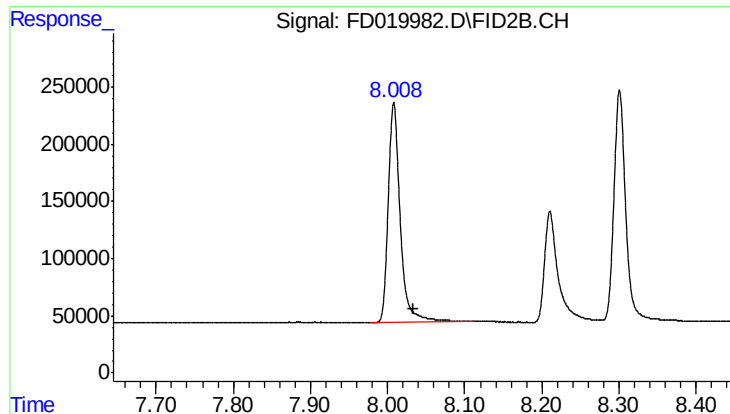
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.026 min
Response: 2013565
Conc: 21.93 ug/ml



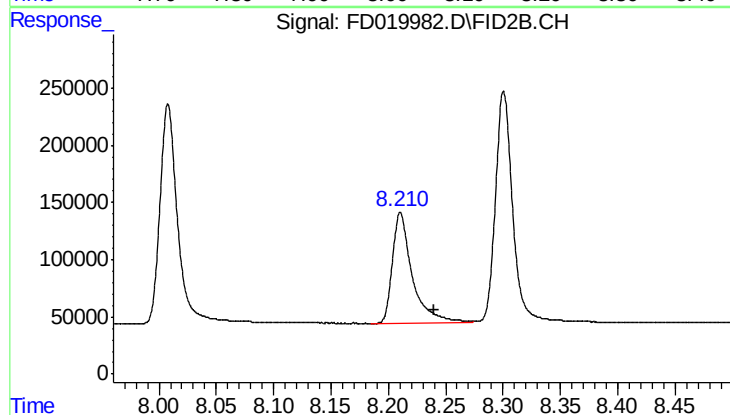
#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.026 min
Response: 1777734
Conc: 21.97 ug/ml



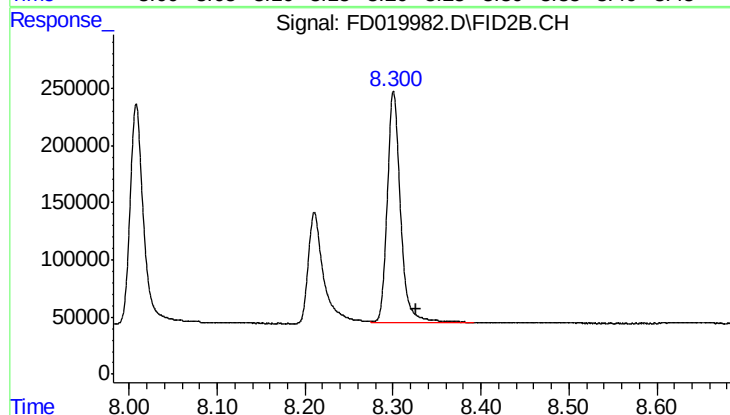
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.026 min
Response: 2048711
Conc: 21.61 ug/ml



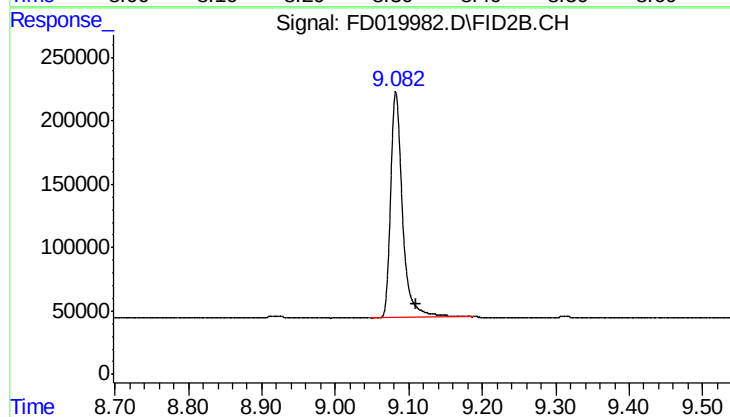
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.211 min
Delta R.T.: -0.029 min
Response: 1172564
Conc: 21.44 ug/ml



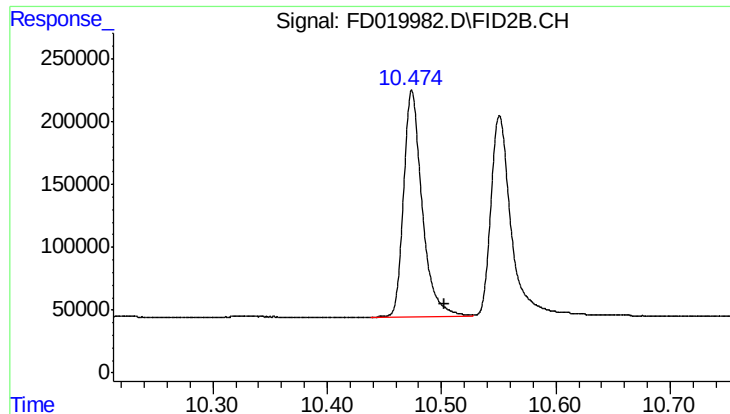
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.025 min
Response: 2118390
Conc: 21.72 ug/ml



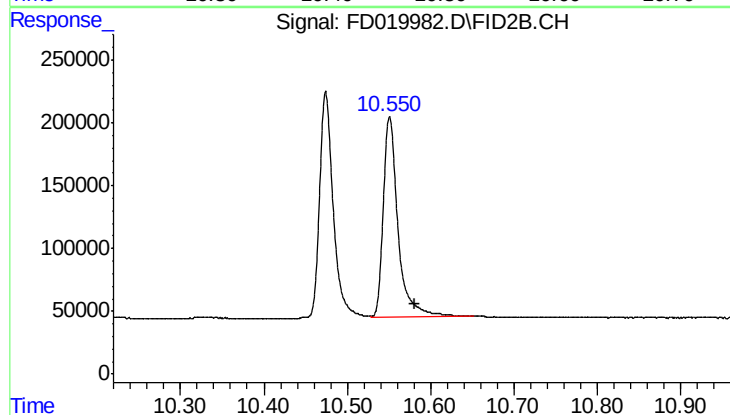
#8 Fluorene (C16.55)

R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 2013512
Conc: 21.19 ug/ml



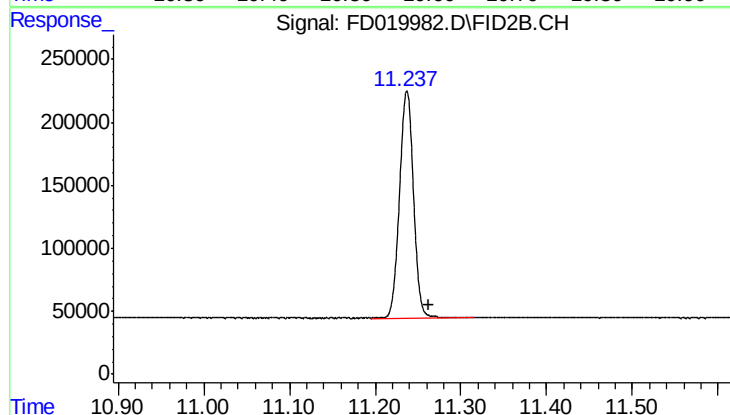
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: -0.028 min
Response: 2037477
Conc: 20.49 ug/ml



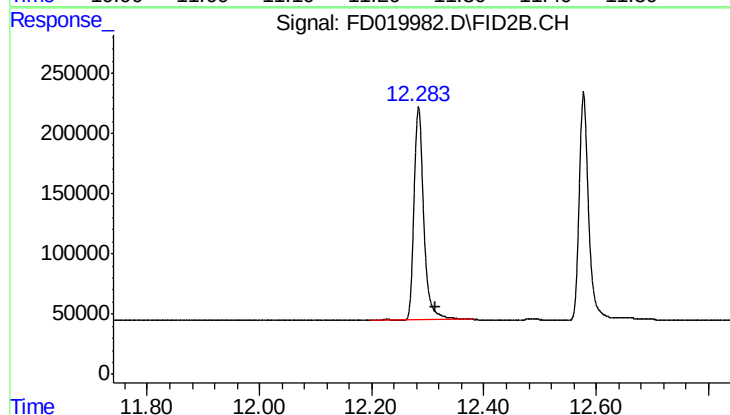
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.029 min
Response: 1969151
Conc: 20.25 ug/ml



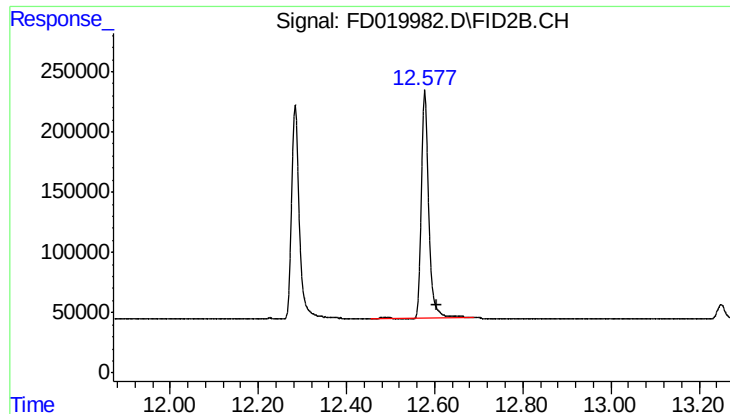
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.026 min
Response: 2050759
Conc: 20.73 ug/ml



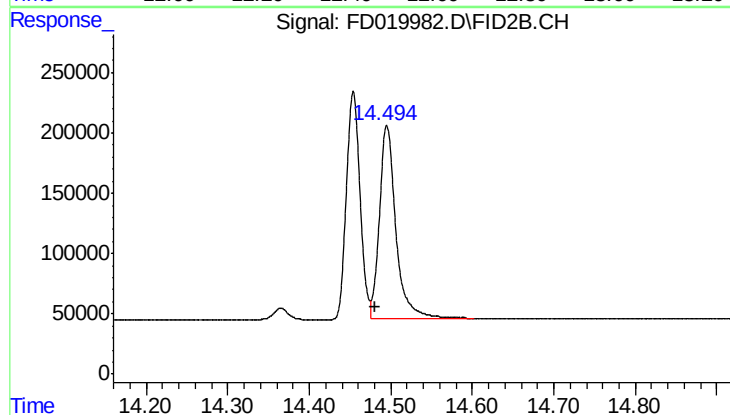
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 2146301
Conc: 20.25 ug/ml



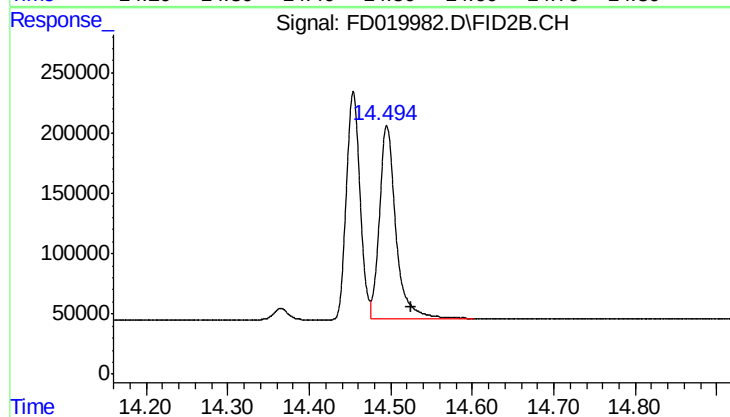
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.026 min
Response: 2211248
Conc: 20.88 ug/ml



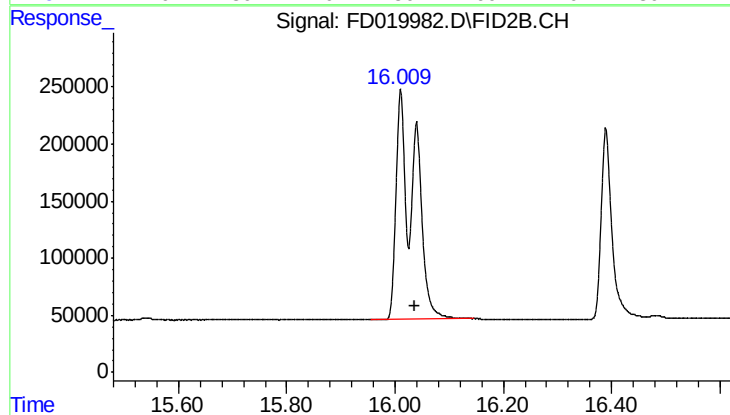
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: 0.014 min
Response: 2262349
Conc: 21.62 ug/ml



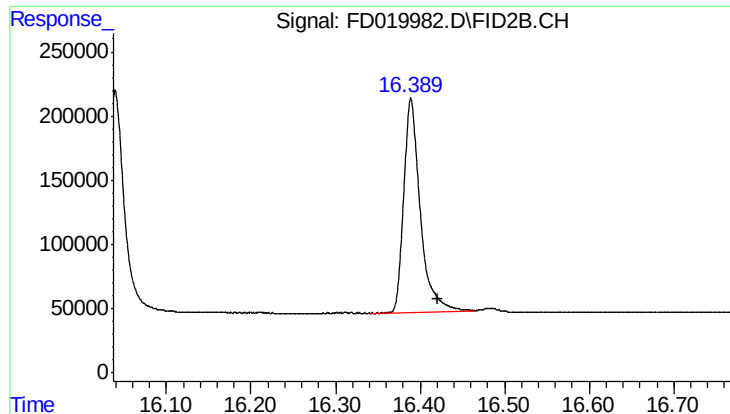
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 2262349
Conc: 20.93 ug/ml



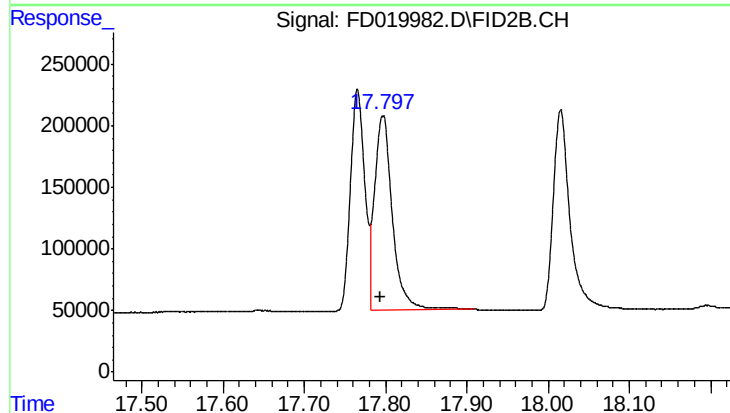
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.026 min
Response: 4693537
Conc: 43.62 ug/ml



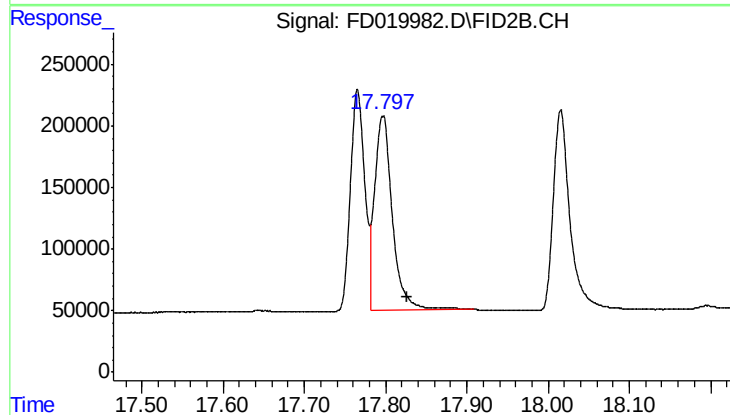
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.031 min
Response: 2249270
Conc: 20.64 ug/ml



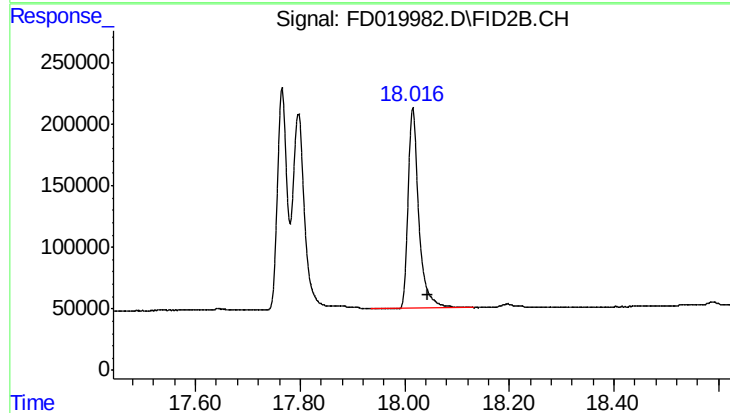
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: 0.003 min
Response: 2441843
Conc: 24.68 ug/ml



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

R.T.: 17.796 min
Delta R.T.: -0.029 min
Response: 2441843
Conc: 21.30 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.028 min
Response: 2305669
Conc: 22.09 ug/ml