

Data Path : P:\HPCHEM1\FID D\Data\FD031318AR\
 Data File : FD022511.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2018 14:06
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 14:51:19 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.325	1724421	20.583 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
6) S 2-Fluorobiphenyl (SURR)	8.186	1053585	20.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.207	2058423	21.690 ug/ml
Spiked Amount 50.000		Recovery =	43.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.133	1876322	21.247 ug/ml
2) T Naphthalene (C11.7)	5.664	1876279	20.975 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	1839084	20.250 ug/ml
5) T Acenaphthylene (C15.06)	7.980	1965298	20.521 ug/ml
7) T Acenaphthene (C15.5)	8.272	2082905	20.333 ug/ml
8) T Fluorene (C16.55)	9.056	1966682	20.975 ug/ml
9) T Phenanthrene (C19.36)	10.448	2038355	21.877 ug/ml
10) T Anthracene (C19.43)	10.526	2027115	21.377 ug/ml
12) T Fluoranthene (C21.85)	12.258	2155830	21.493 ug/ml
13) T Pyrene (C20.8)	12.552	2177530	21.433 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.431	2046370	21.221 ug/mlm
15) T Chrysene (C27.41)	14.473	2230957	20.670 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.988	2114557	21.034 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.019	2334698	20.575 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.373	2024617	19.265 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.752	1409877	14.798 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.780	2521343	22.188 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.003	1827843	17.599 ug/ml

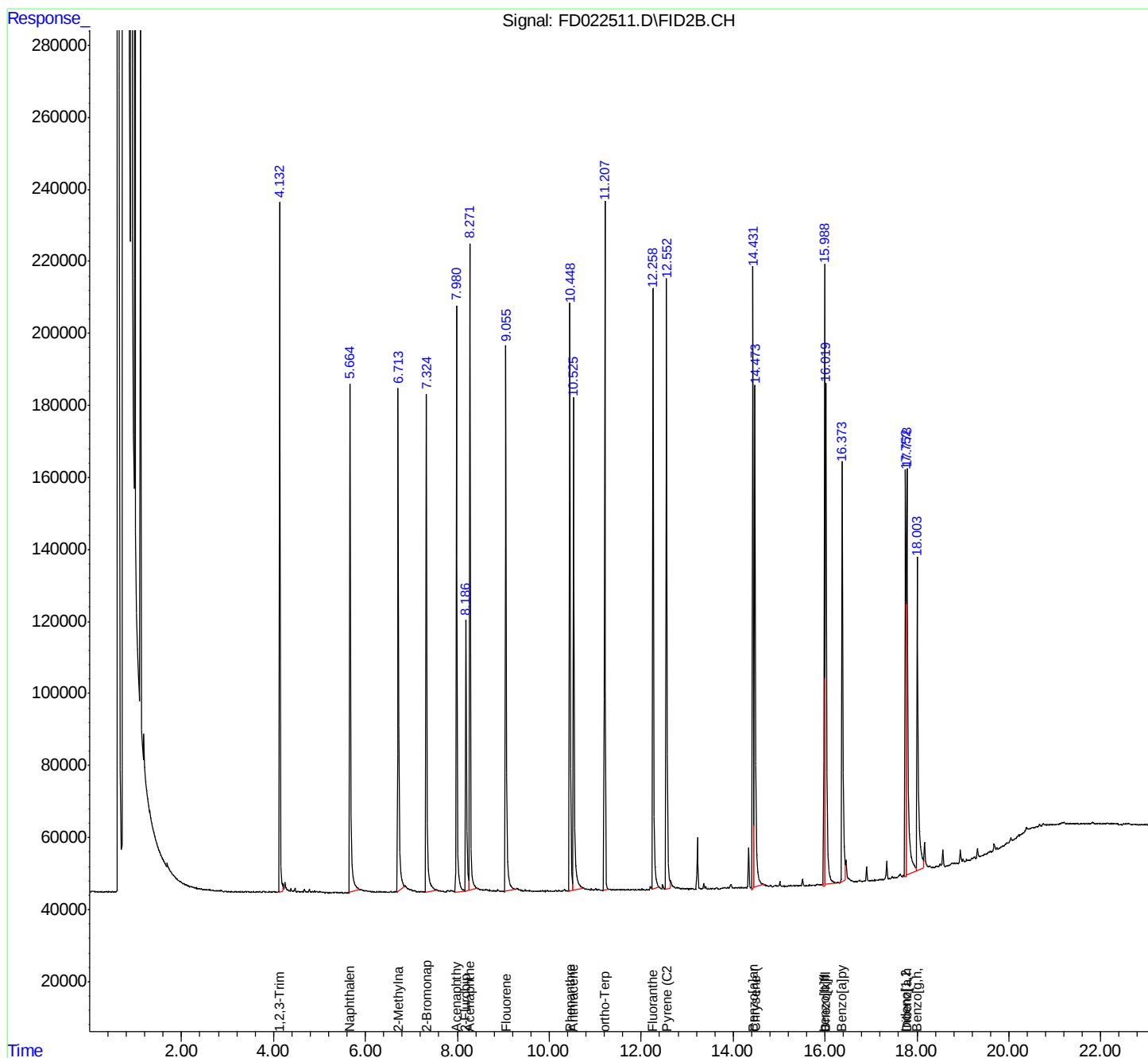
(f)=RT Delta > 1/2 Window

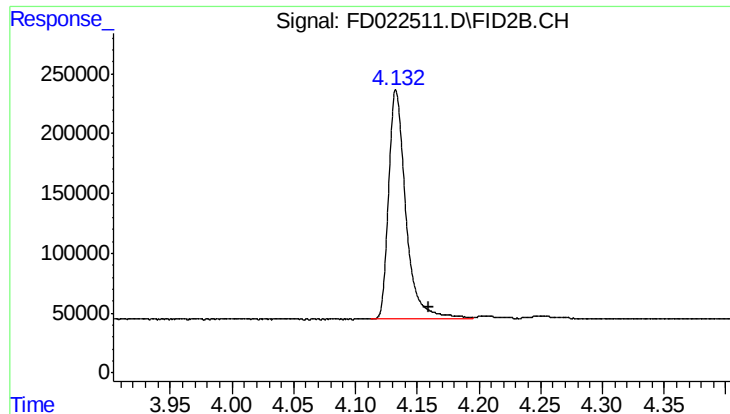
(m)=manual int.

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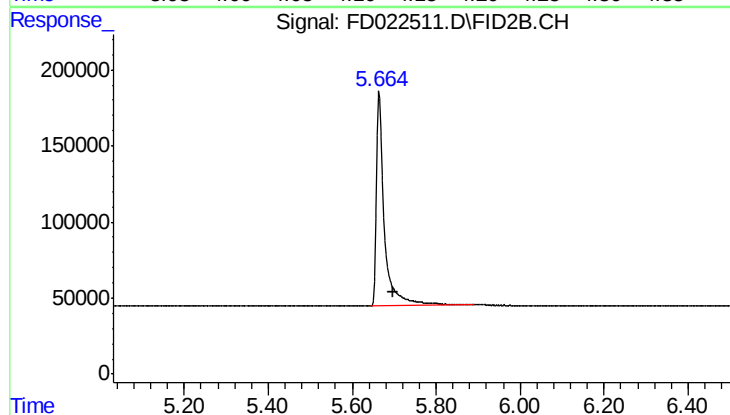
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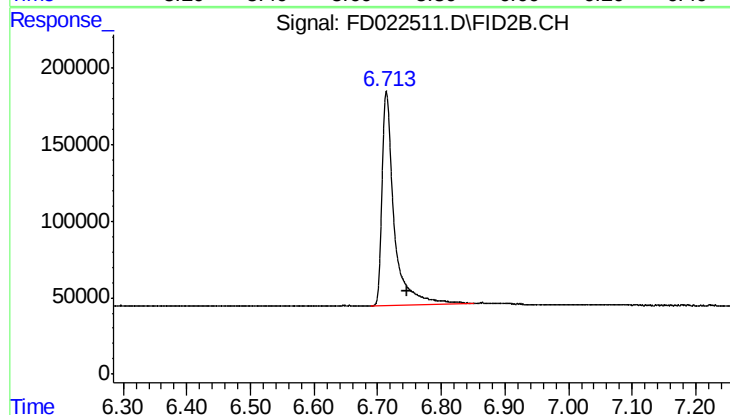
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.133 min
Delta R.T.: -0.027 min
Response: 1876322
Conc: 21.25 ug/ml



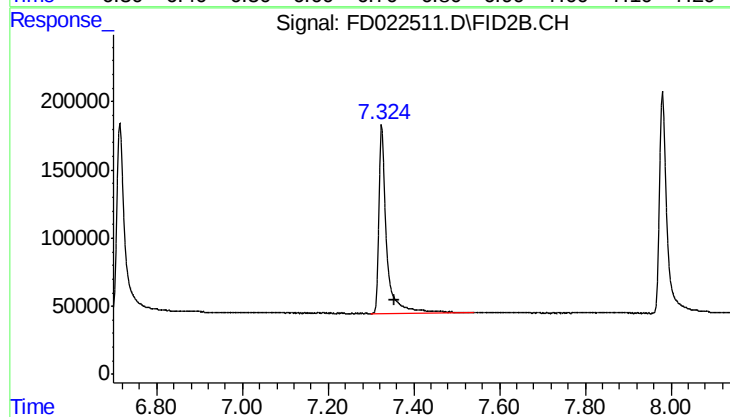
#2 Naphthalene (C11.7)

R.T.: 5.664 min
Delta R.T.: -0.032 min
Response: 1876279
Conc: 20.98 ug/ml



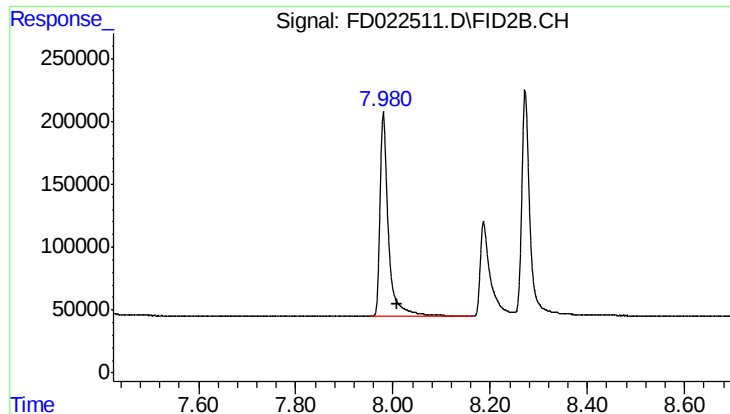
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.032 min
Response: 1839084
Conc: 20.25 ug/ml



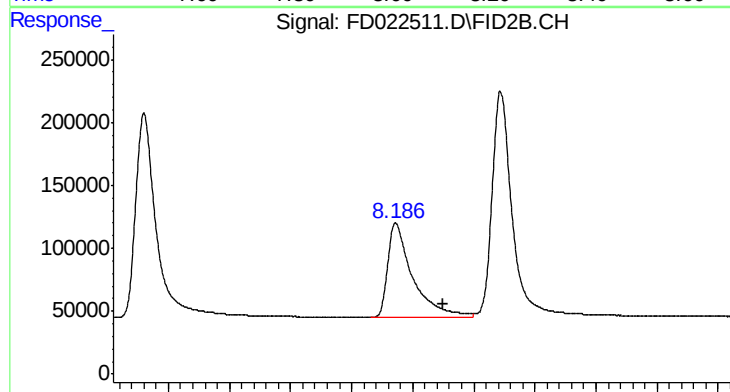
#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: -0.030 min
Response: 1724421
Conc: 20.58 ug/ml



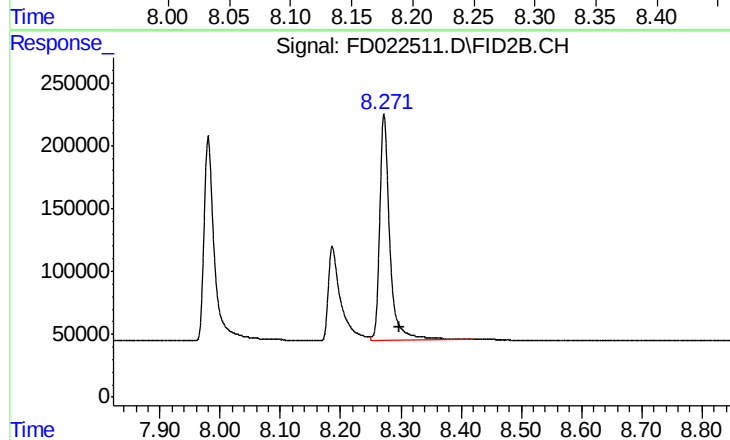
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: -0.028 min
Response: 1965298
Conc: 20.52 ug/ml



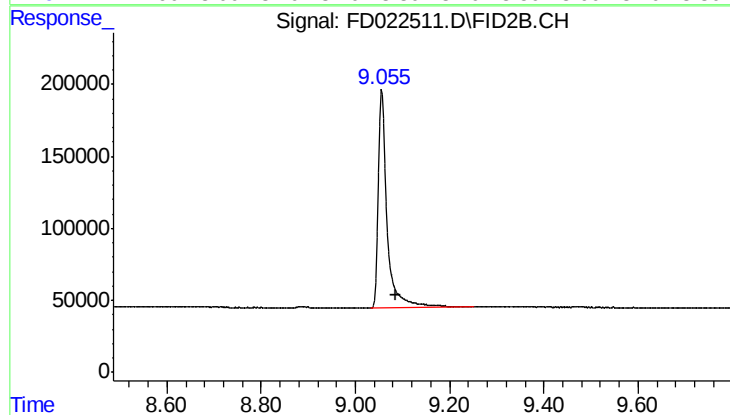
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.038 min
Response: 1053585
Conc: 20.84 ug/ml



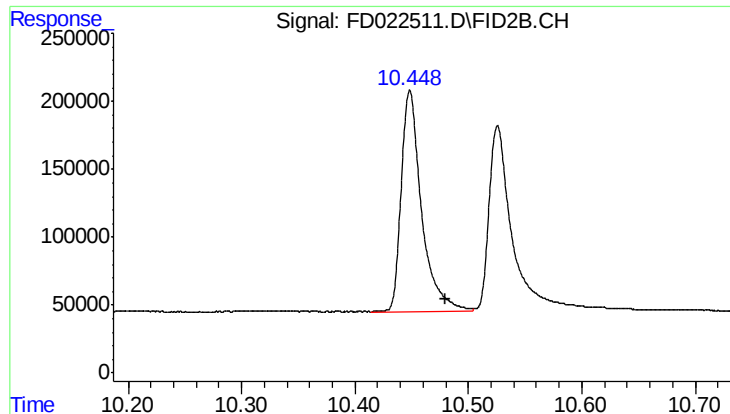
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: -0.026 min
Response: 2082905
Conc: 20.33 ug/ml



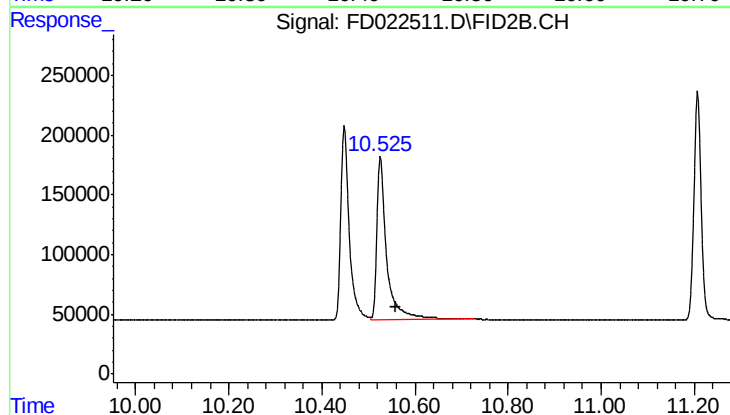
#8 Fluorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.031 min
Response: 1966682
Conc: 20.97 ug/ml



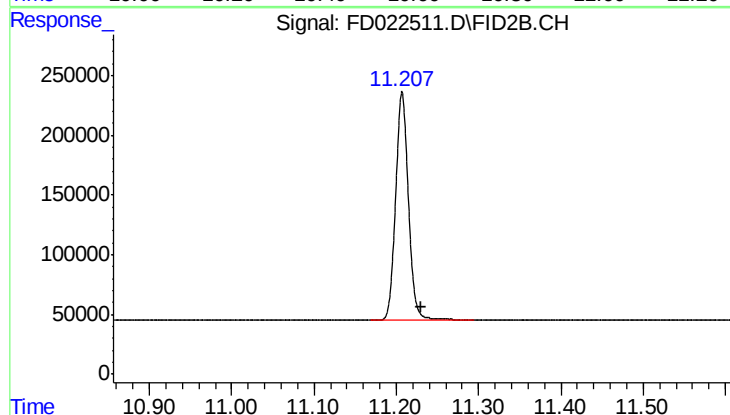
#9 Phenanthrene (C19.36)

R.T.: 10.448 min
Delta R.T.: -0.031 min
Response: 2038355
Conc: 21.88 ug/ml



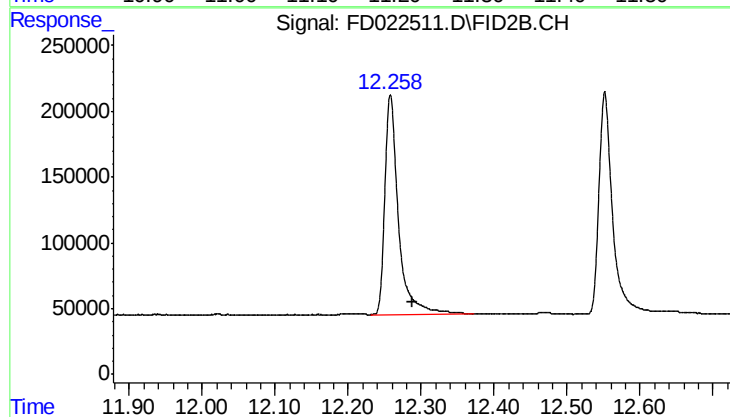
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: -0.033 min
Response: 2027115
Conc: 21.38 ug/ml



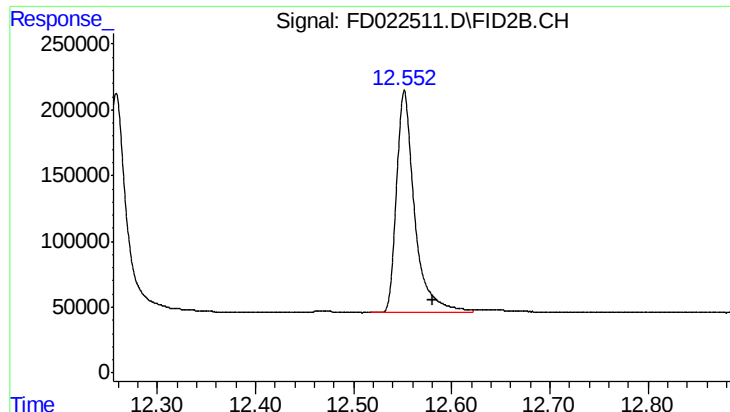
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.023 min
Response: 2058423
Conc: 21.69 ug/ml



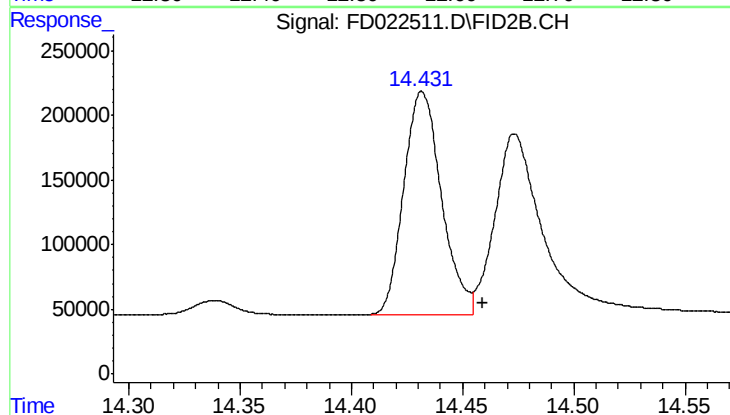
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.030 min
Response: 2155830
Conc: 21.49 ug/ml



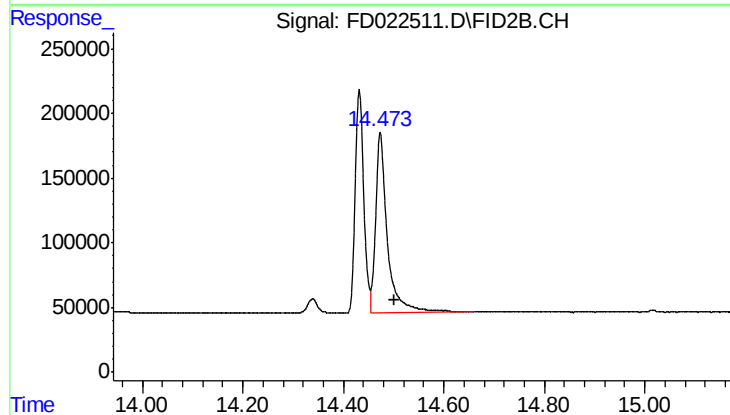
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.029 min
Response: 2177530
Conc: 21.43 ug/ml



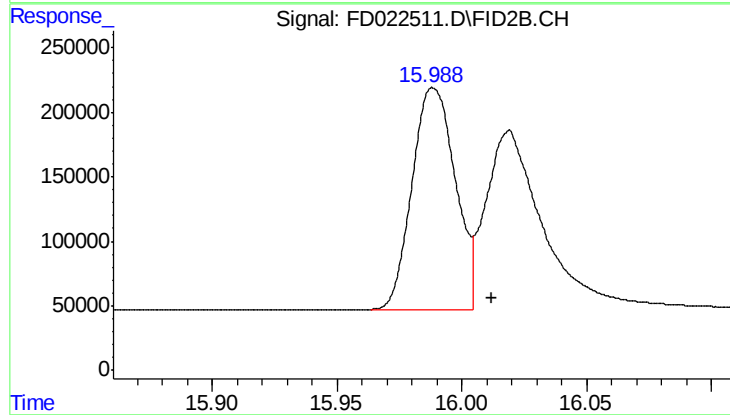
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: -0.028 min
Response: 2046370
Conc: 21.22 ug/ml m



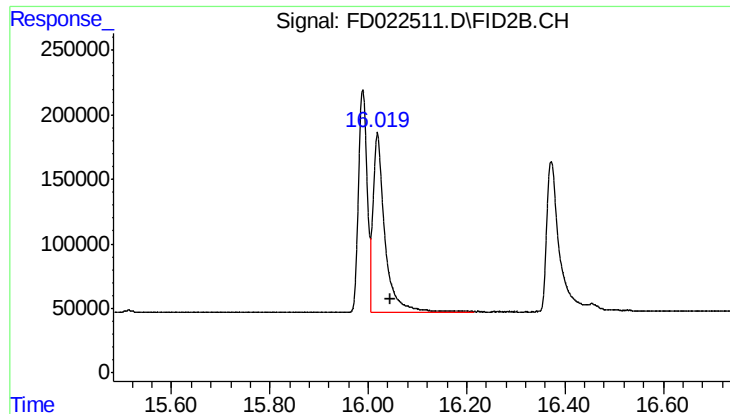
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.027 min
Response: 2230957
Conc: 20.67 ug/ml



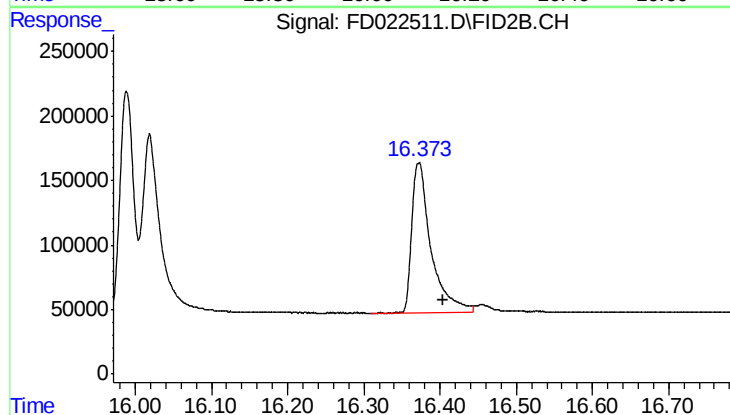
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: -0.024 min
Response: 2114557
Conc: 21.03 ug/ml m



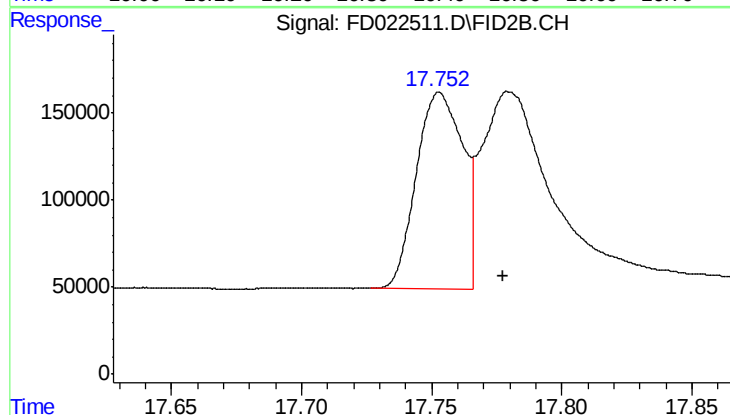
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min
Delta R.T.: -0.027 min
Response: 2334698
Conc: 20.57 ug/ml



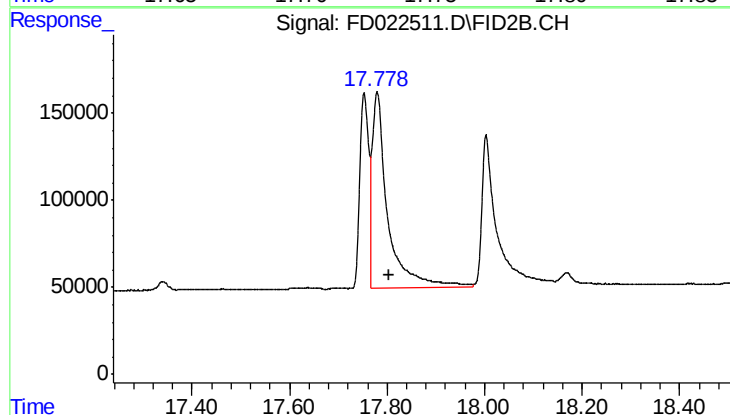
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.032 min
Response: 2024617
Conc: 19.27 ug/ml



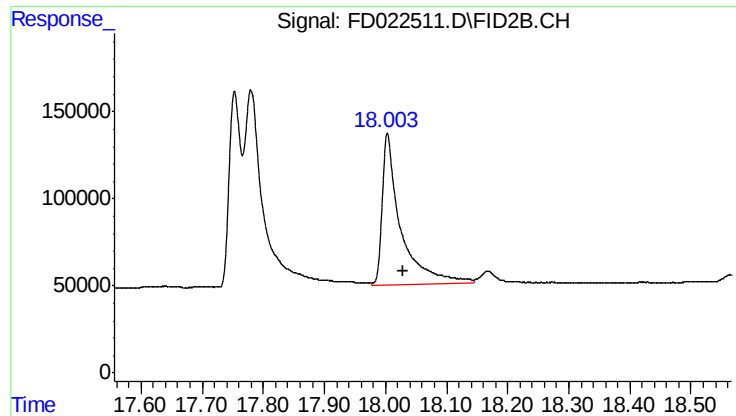
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.025 min
Response: 1409877
Conc: 14.80 ug/ml m



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

R.T.: 17.780 min
Delta R.T.: -0.025 min
Response: 2521343
Conc: 22.19 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.025 min
Response: 1827843
Conc: 17.60 ug/ml