

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022462.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2018 15:44
 Operator : UA/AJ
 Sample : J1853-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 09:52:32 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...	7.331	8307290	99.160 ug/ml
Spiked Amount 50.000		Recovery =	198.32%
6) S 2-Fluorobiphenyl (SURR)	8.186	3591154	71.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	142.06%#
11) S ortho-Terphenyl (SURR)	11.213	2425155	25.555 ug/ml
Spiked Amount 50.000		Recovery =	51.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	959094	10.861 ug/ml
2) T Naphthalene (C11.7)	5.690	71329	0.797 ug/ml
3) T 2-Methylnaphthalene (...)	6.732	150279	1.655 ug/ml
5) T Acenaphthylene (C15.06)	7.994	182210	1.903 ug/ml
7) T Acenaphthene (C15.5)	8.283	74864	0.731 ug/ml
8) T Fluorene (C16.55)	9.069	242246	2.584 ug/ml
9) T Phenanthrene (C19.36)	10.452	2653840	28.483 ug/ml
10) T Anthracene (C19.43)	10.533	758391	7.998 ug/ml
12) T Fluoranthene (C21.85)	12.264	4141860	41.292 ug/ml
13) T Pyrene (C20.8)	12.557	3325386	32.731 ug/ml
14) T Benzo[alanthracene (C...	14.476	1980711	20.540 ug/ml
15) T Chrysene (C27.41)	14.476	1980711	18.352 ug/ml
16) T benzo[b]fluoranthene ...	15.998	2312408	23.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	848376	7.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	201057	1.913 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	1030051	10.811 ug/ml
20) T Dibenz[fa,h]anthracene...	17.811	295167	2.597 ug/ml
21) T Benzo[ghi]perylene ...	18.018	940445	9.055 ug/ml

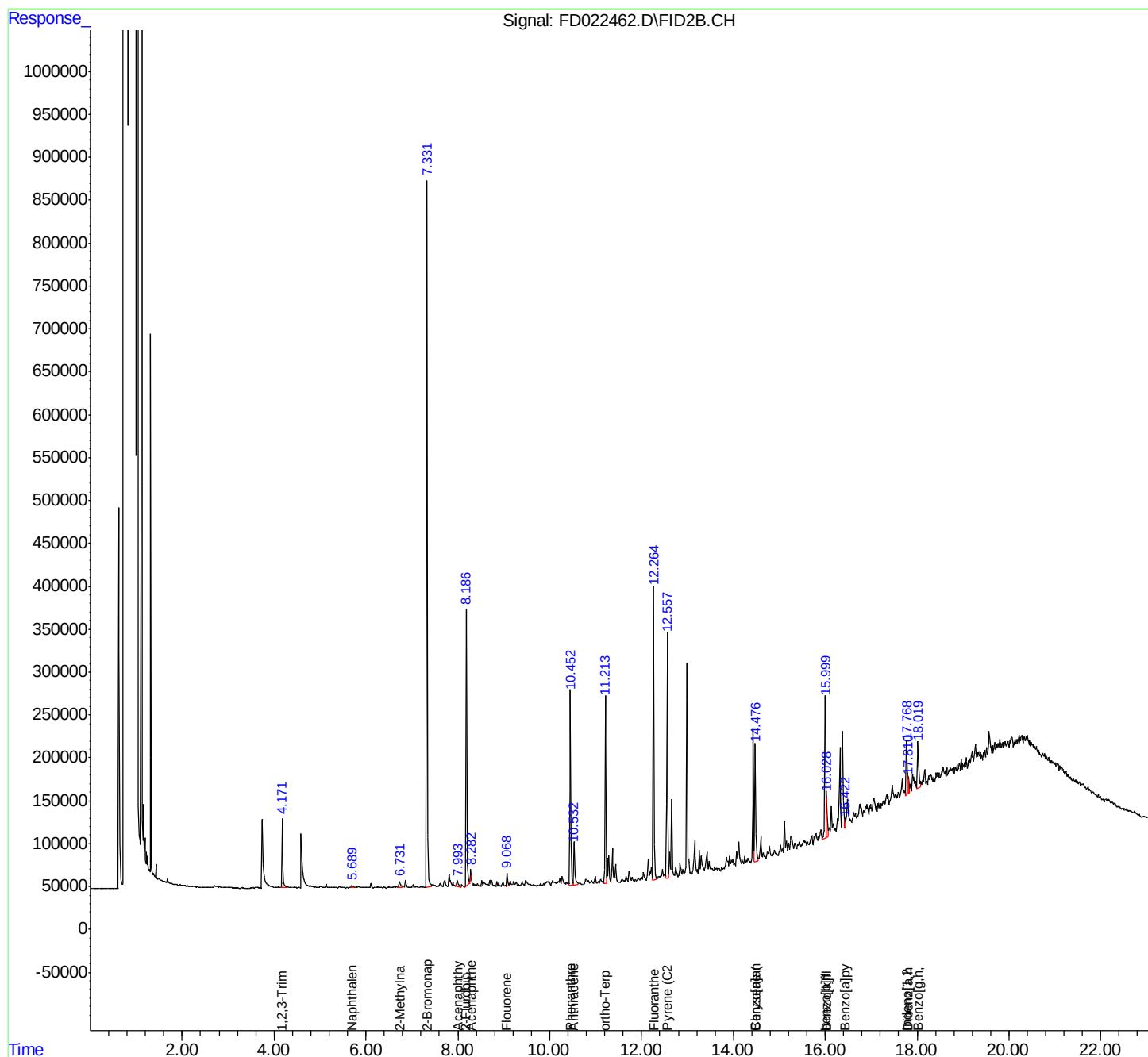
(f)=RT Delta > 1/2 Window

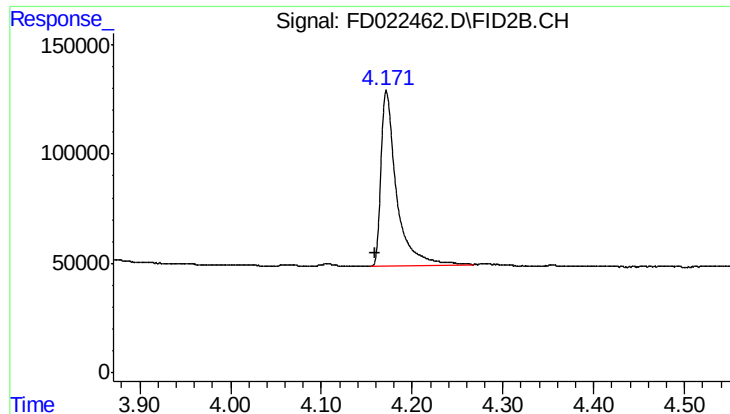
(m)=manual int.

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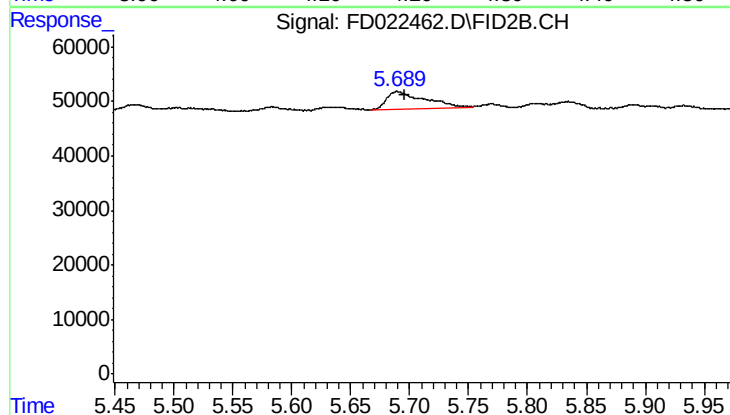
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Signal Info : 20M x 0.18mm x 0.18µm





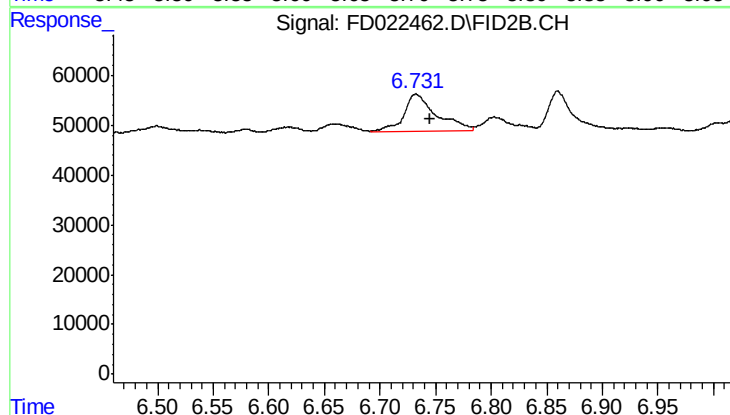
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.012 min
Response: 959094
Conc: 10.86 ug/ml



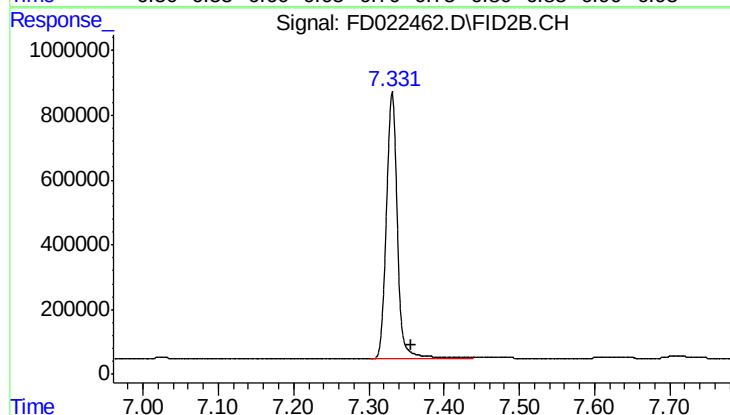
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.007 min
Response: 71329
Conc: 0.80 ug/ml



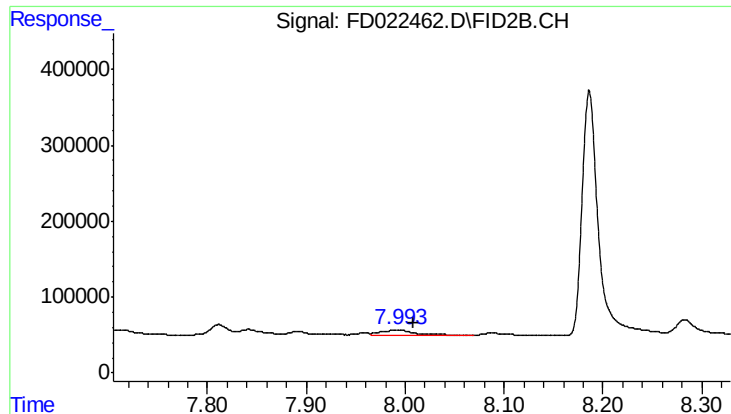
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.732 min
Delta R.T.: -0.013 min
Response: 150279
Conc: 1.65 ug/ml



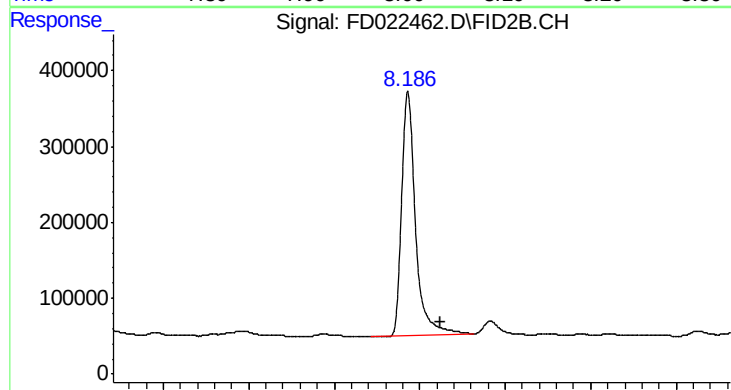
#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.024 min
Response: 8307290
Conc: 99.16 ug/ml



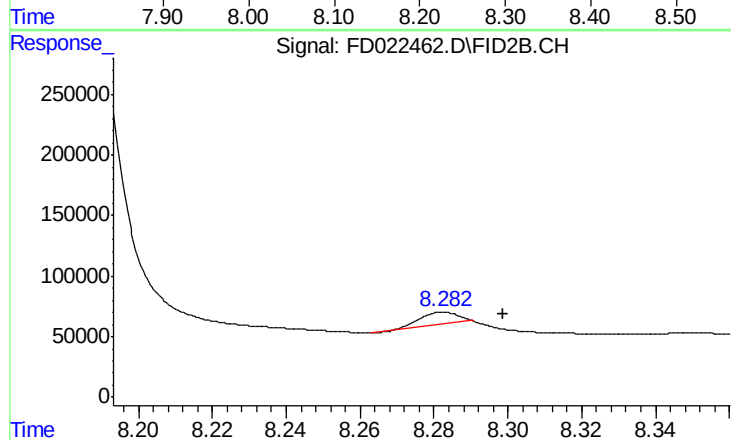
#5 Acenaphthylene (C15.06)

R.T.: 7.994 min
Delta R.T.: -0.015 min
Response: 182210
Conc: 1.90 ug/ml



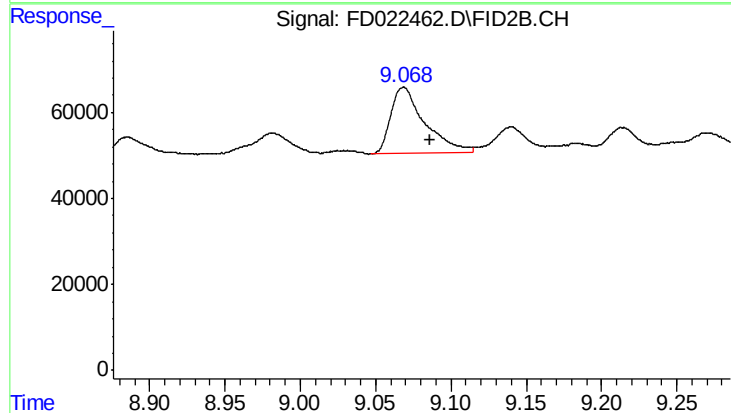
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.186 min
Delta R.T.: -0.038 min
Response: 3591154
Conc: 71.03 ug/ml



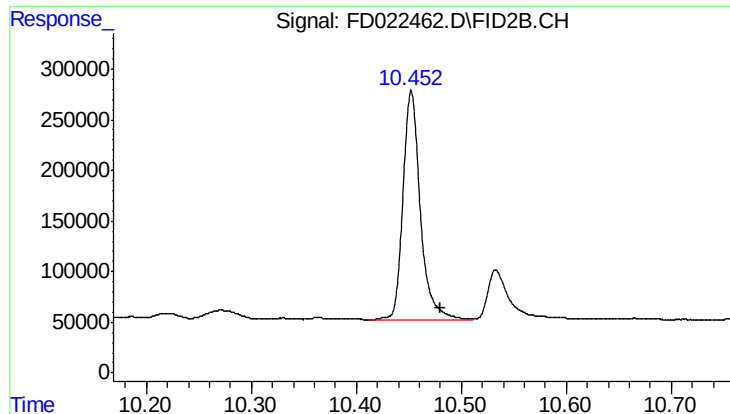
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.016 min
Response: 74864
Conc: 0.73 ug/ml



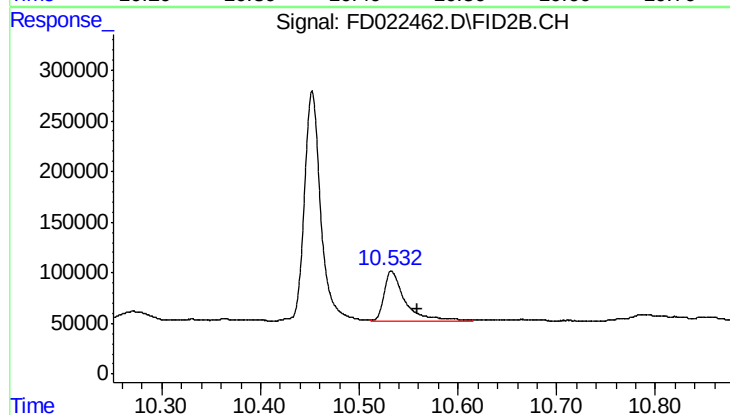
#8 Fluorene (C16.55)

R.T.: 9.069 min
Delta R.T.: -0.018 min
Response: 242246
Conc: 2.58 ug/ml



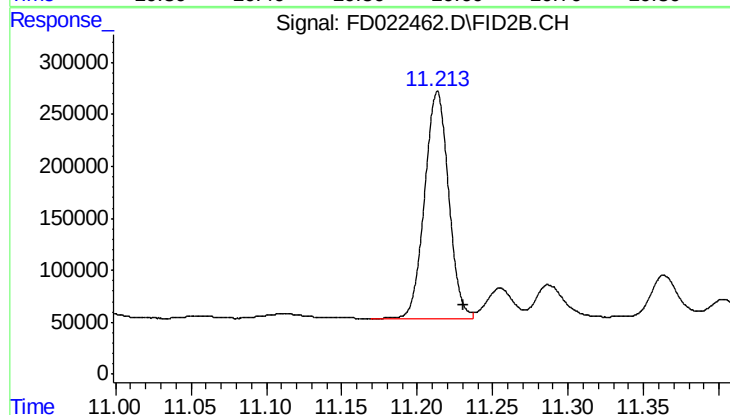
#9 Phenanthrene (C19.36)

R.T.: 10.452 min
Delta R.T.: -0.028 min
Response: 2653840
Conc: 28.48 ug/ml



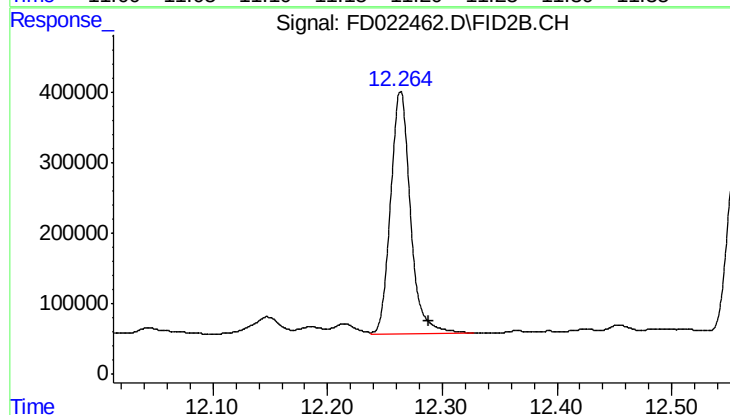
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.027 min
Response: 758391
Conc: 8.00 ug/ml



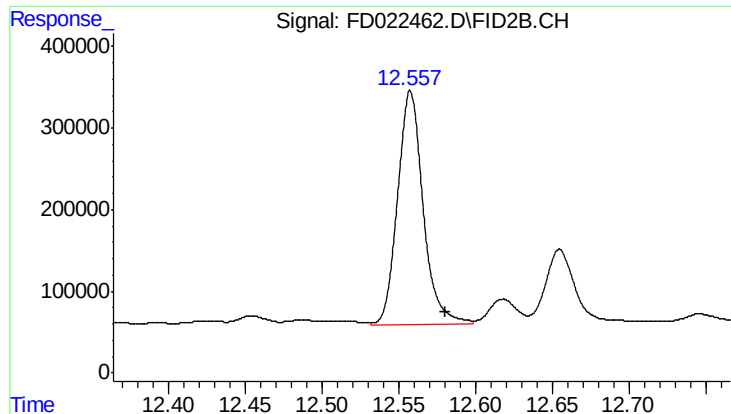
#11 ortho-Terphenyl (SURR)

R.T.: 11.213 min
Delta R.T.: -0.017 min
Response: 2425155
Conc: 25.55 ug/ml



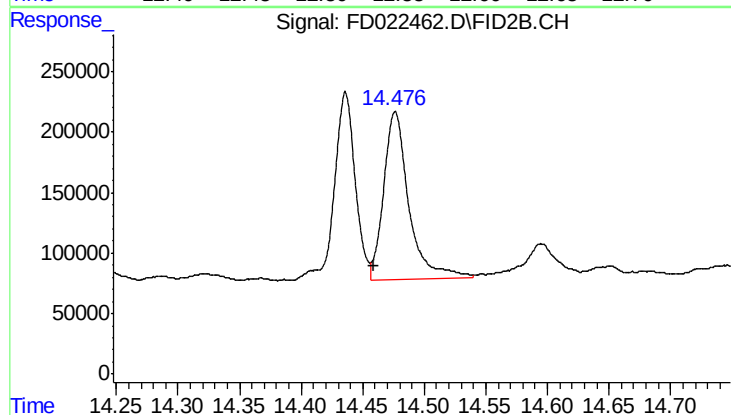
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.024 min
Response: 4141860
Conc: 41.29 ug/ml



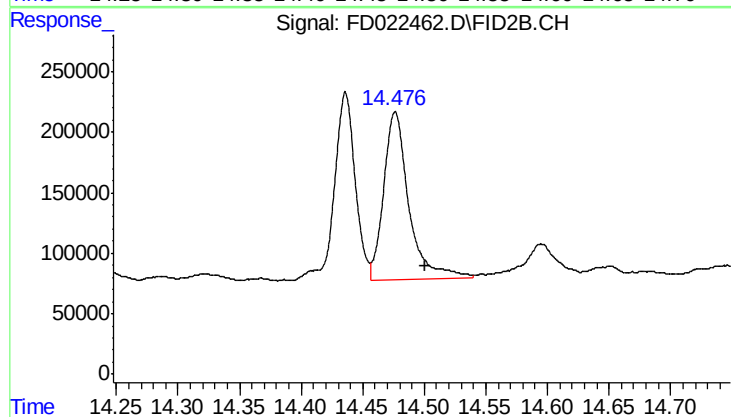
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.023 min
Response: 3325386
Conc: 32.73 ug/ml



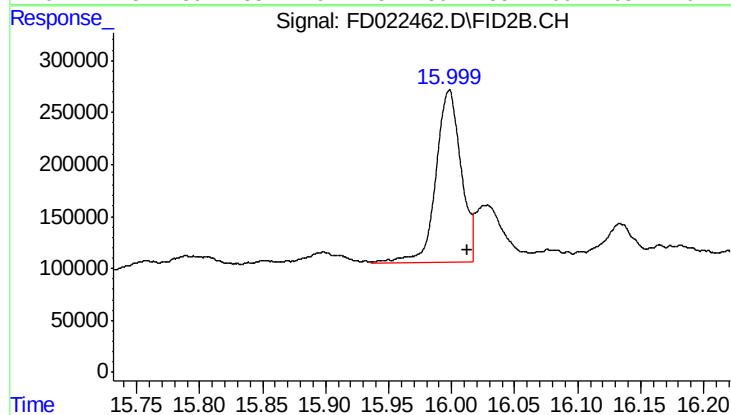
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: 0.017 min
Response: 1980711
Conc: 20.54 ug/ml



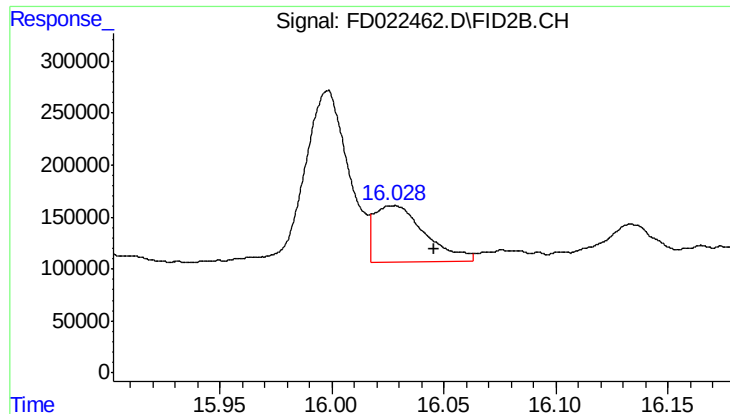
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: -0.024 min
Response: 1980711
Conc: 18.35 ug/ml



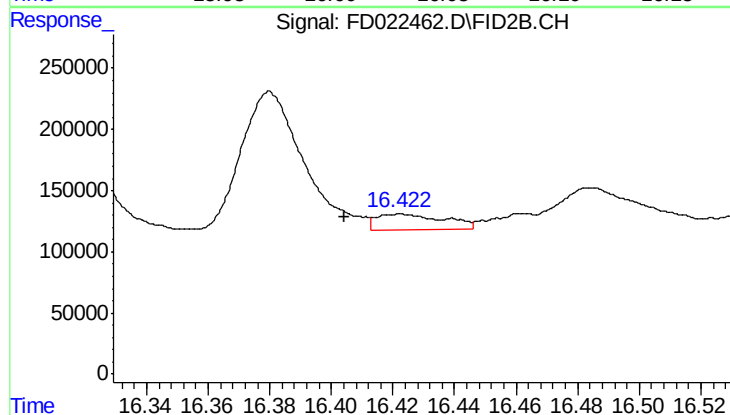
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.998 min
Delta R.T.: -0.014 min
Response: 2312408
Conc: 23.00 ug/ml



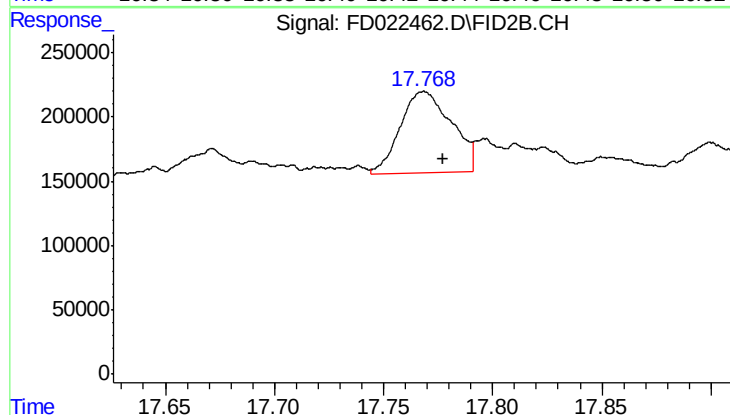
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: -0.018 min
Response: 848376
Conc: 7.48 ug/ml



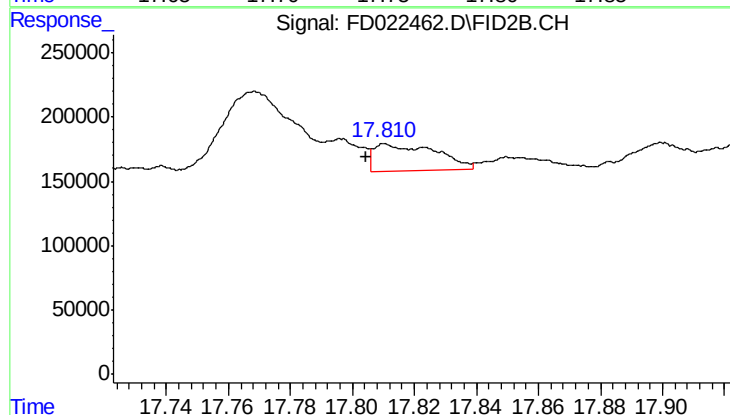
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: 0.018 min
Response: 201057
Conc: 1.91 ug/ml



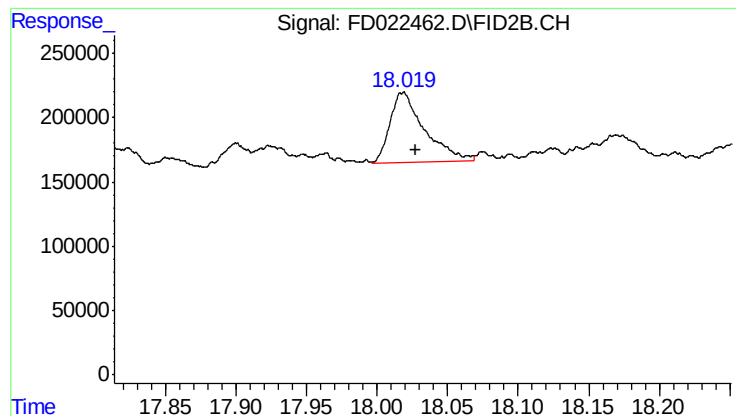
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: -0.009 min
Response: 1030051
Conc: 10.81 ug/ml



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

R.T.: 17.811 min
Delta R.T.: 0.006 min
Response: 295167
Conc: 2.60 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.009 min
Response: 940445
Conc: 9.05 ug/ml