

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022485.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2018 22:31
 Operator : UA/AJ
 Sample : J1776-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 09:34:39 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...	7.327	5968489	71.243 ug/ml
Spiked Amount 50.000		Recovery =	142.49%
6) S 2-Fluorobiphenyl (SURR)	8.184	4023399	79.581 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	159.16%#
11) S ortho-Terphenyl (SURR)	11.215	3009046	31.707 ug/ml
Spiked Amount 50.000		Recovery =	63.41%
Target Compounds			
2) T Naphthalene (C11.7)	5.669	1048401	11.720 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	1962790	21.612 ug/ml
5) T Acenaphthylene (C15.06)	7.983	1678287	17.524 ug/ml
7) T Acenaphthene (C15.5)	8.276	2009667	19.618 ug/ml
8) T Fluorene (C16.55)	9.058	4524808	48.257 ug/ml
9) T Phenanthrene (C19.36)	10.465	19937020	213.982 ug/ml
10) T Anthracene (C19.43)	10.530	3696664	38.983 ug/ml
12) T Fluoranthene (C21.85)	12.273	13652952	136.114 ug/ml
13) T Pyrene (C20.8)	12.567	11967808	117.797 ug/ml
14) T Benzo[a]anthracene (C...	14.477	4922285	51.045 ug/ml
15) T Chrysene (C27.41)	14.523	251838	2.333 ug/ml
16) T benzo[b]fluoranthene ...	16.022	1365293	13.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	1365293	12.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	3507263	33.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	491161	5.155 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	491161	4.322 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.006	1368609	13.177 ug/ml

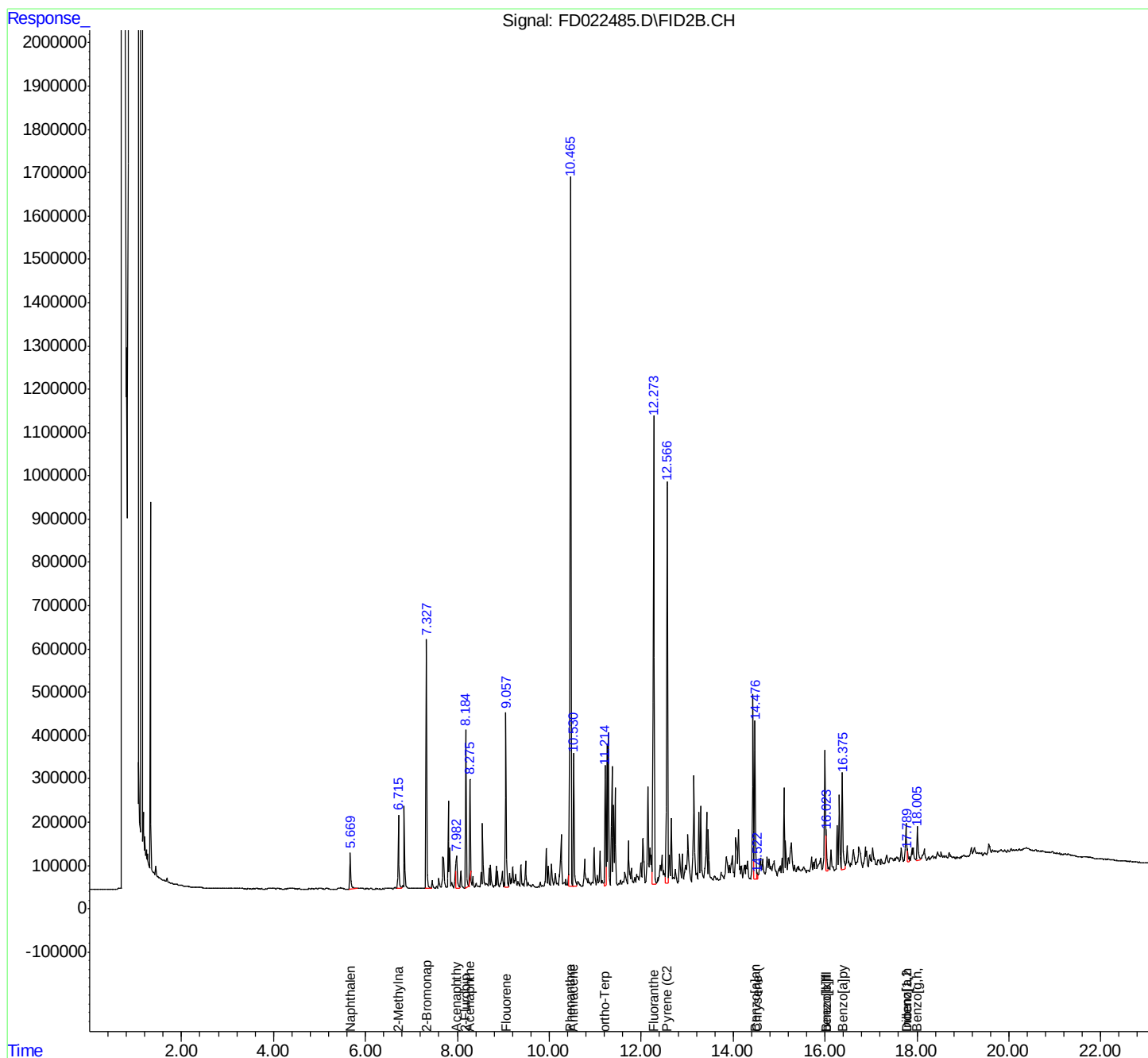
(f)=RT Delta > 1/2 Window

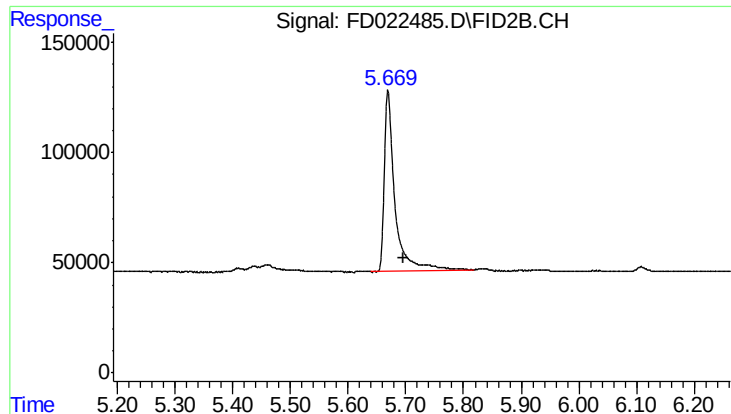
(m)=manual int.

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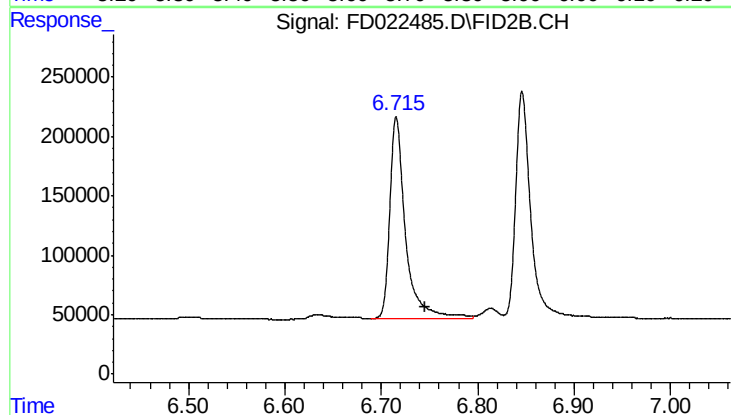
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Signal Info : 20M x 0.18mm x 0.18µm





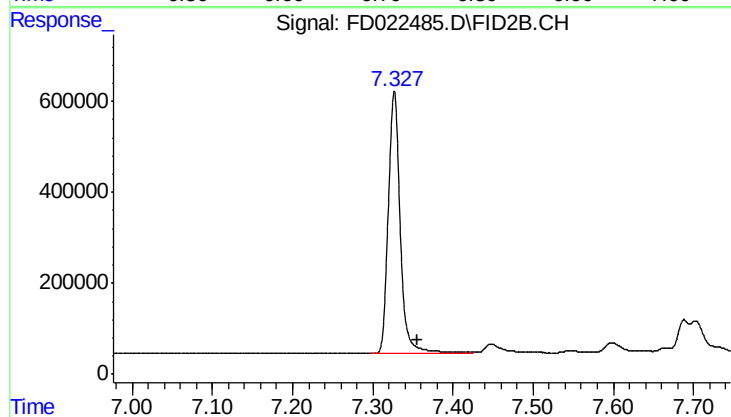
#2 Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.027 min
Response: 1048401
Conc: 11.72 ug/ml



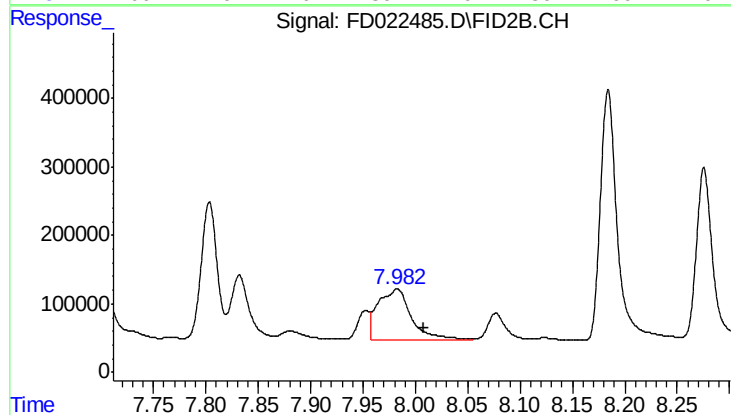
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 1962790
Conc: 21.61 ug/ml



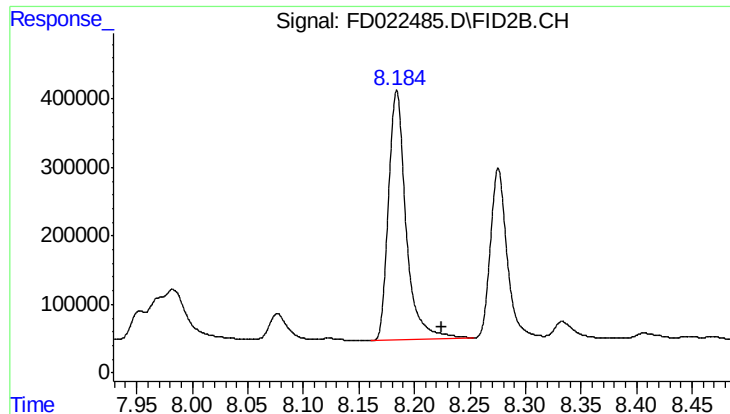
#4 2-Bromonaphthalene (SURR)

R.T.: 7.327 min
Delta R.T.: -0.028 min
Response: 5968489
Conc: 71.24 ug/ml



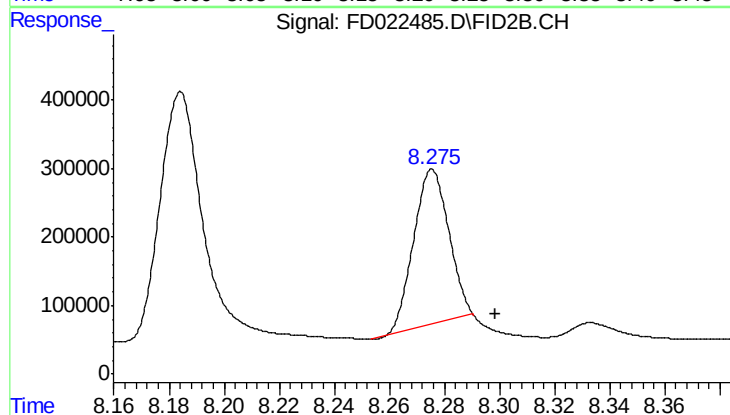
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.026 min
Response: 1678287
Conc: 17.52 ug/ml



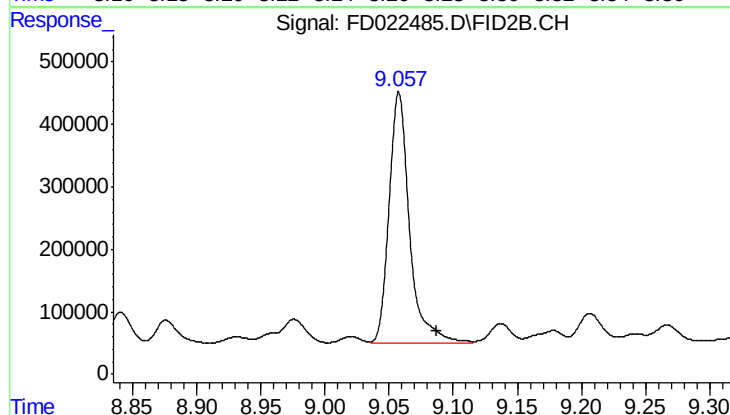
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.040 min
Response: 4023399
Conc: 79.58 ug/ml



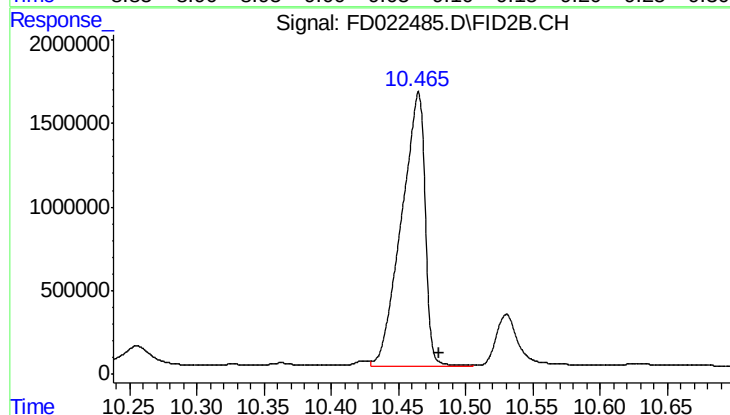
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.023 min
Response: 2009667
Conc: 19.62 ug/ml



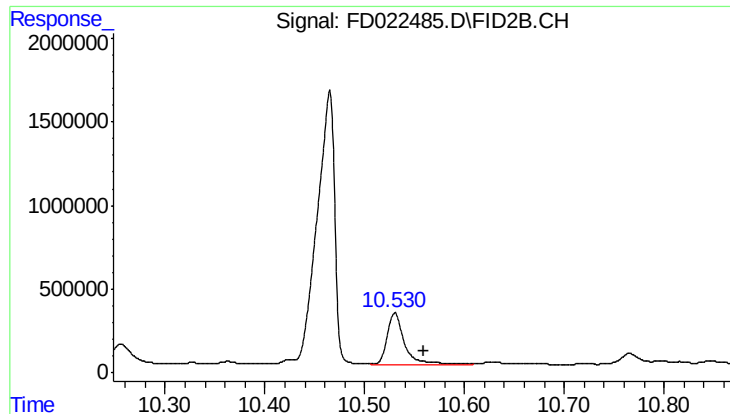
#8 Flouorene (C16.55)

R.T.: 9.058 min
Delta R.T.: -0.029 min
Response: 4524808
Conc: 48.26 ug/ml



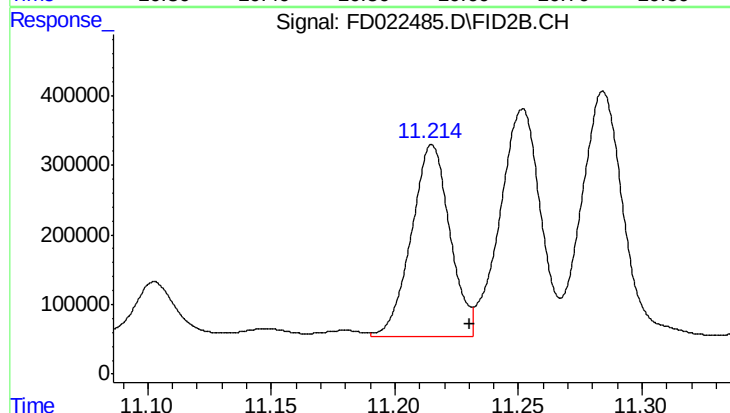
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.015 min
Response: 19937020
Conc: 213.98 ug/ml



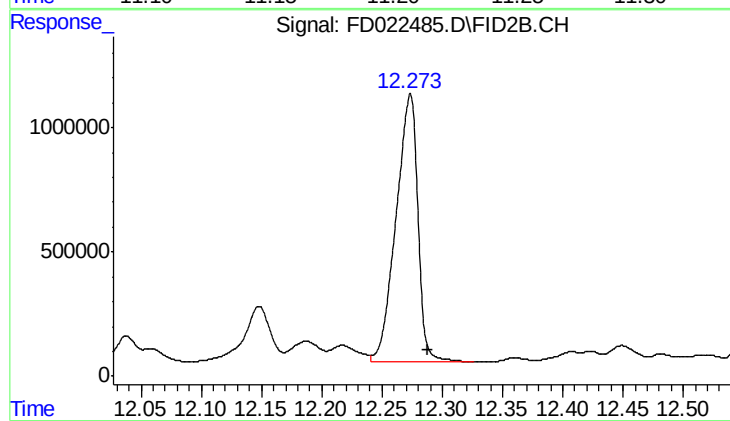
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: -0.029 min
Response: 3696664
Conc: 38.98 ug/ml



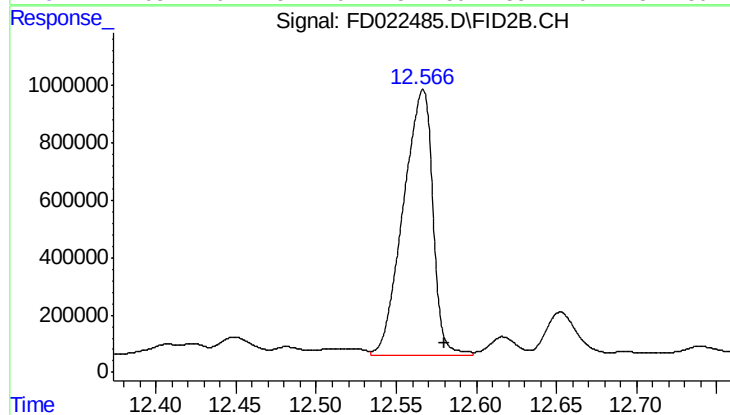
#11 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: -0.015 min
Response: 3009046
Conc: 31.71 ug/ml



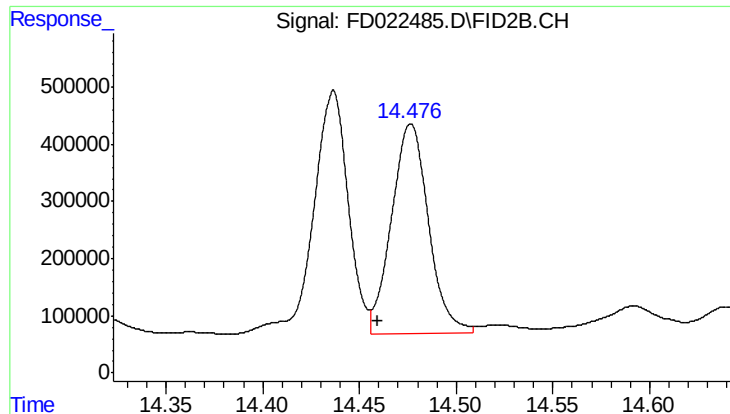
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.014 min
Response: 13652952
Conc: 136.11 ug/ml



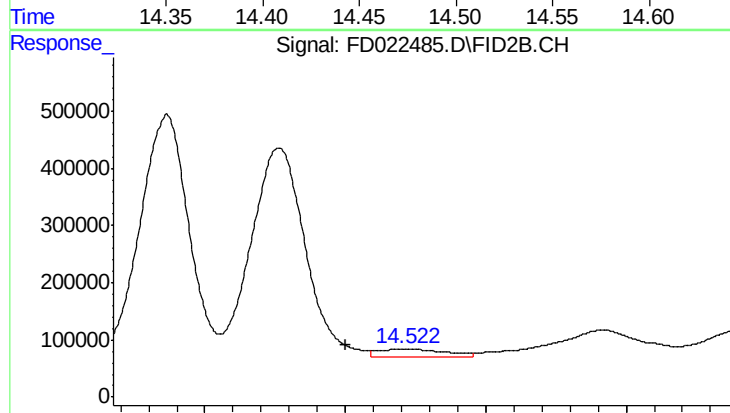
#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: -0.014 min
Response: 11967808
Conc: 117.80 ug/ml



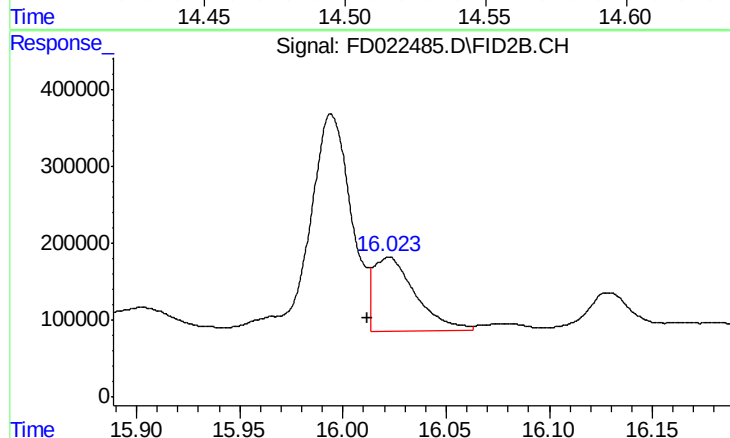
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: 0.017 min
Response: 492285
Conc: 51.04 ug/ml



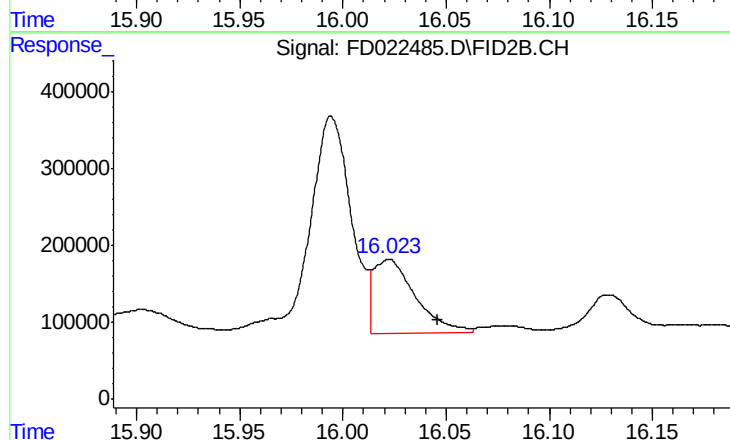
#15 Chrysene (C27.41)

R.T.: 14.523 min
Delta R.T.: 0.022 min
Response: 251838
Conc: 2.33 ug/ml



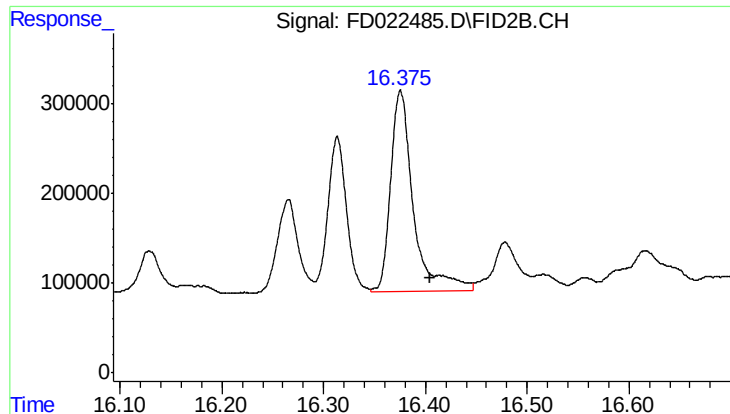
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min
Delta R.T.: 0.010 min
Response: 1365293
Conc: 13.58 ug/ml



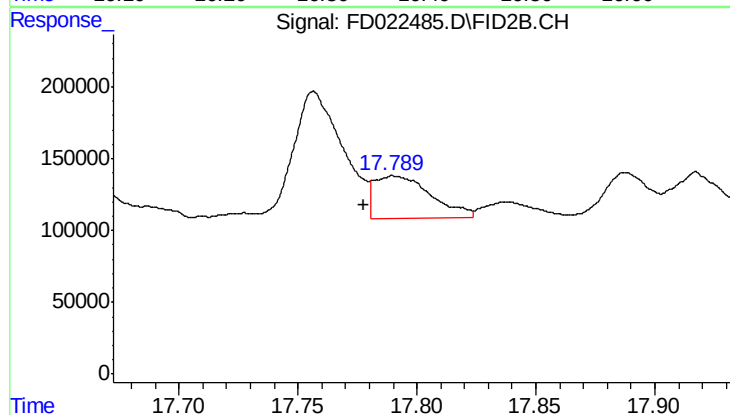
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: -0.023 min
Response: 1365293
Conc: 12.03 ug/ml



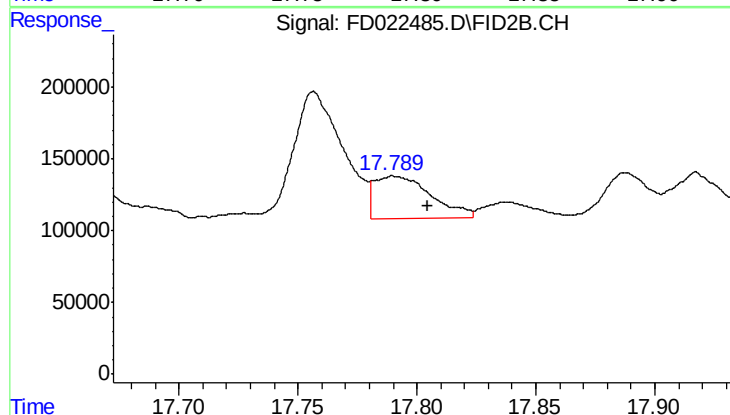
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: -0.029 min
Response: 3507263
Conc: 33.37 ug/ml



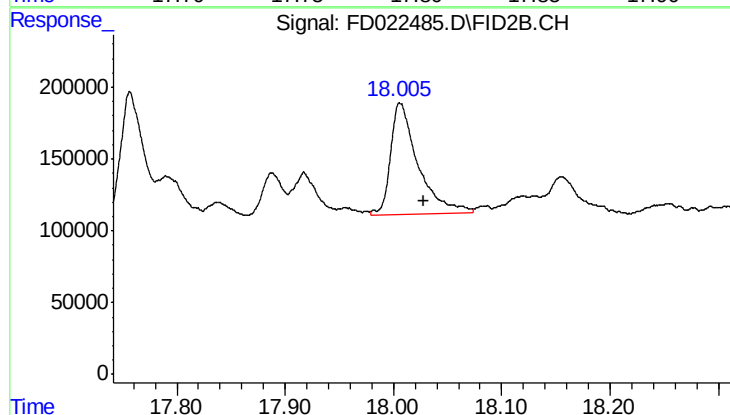
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: 0.013 min
Response: 491161
Conc: 5.16 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.014 min
Response: 491161
Conc: 4.32 ug/ml



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

R.T.: 18.006 min
Delta R.T.: -0.022 min
Response: 1368609
Conc: 13.18 ug/ml