

Data Path : P:\HPCHEM1\FID D\Data\FD032218AR\
 Data File : FD022624.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2018 22:34
 Operator : UA/AJ
 Sample : J1993-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:53:41 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.320	3770409	43.586 ug/ml
Spiked Amount 50.000		Recovery =	87.17%
6) S 2-Fluorobiphenyl (SURR)	8.178	2465779	46.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.36%
11) S ortho-Terphenyl (SURR)	11.203	2276312	21.415 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.141	27495	0.282 ug/ml
5) T Acenaphthylene (C15.06)	7.995	54192	0.537 ug/ml
7) T Acenaphthene (C15.5)	8.277	111862	1.018 ug/ml
8) T Fluorene (C16.55)	9.072	57359	0.570 ug/ml
9) T Phenanthrene (C19.36)	10.447	835463	7.938 ug/ml
10) T Anthracene (C19.43)	10.544	111161	1.036 ug/ml
12) T Fluoranthene (C21.85)	12.256	1194913	10.542 ug/ml
13) T Pyrene (C20.8)	12.549	1247101	11.113 ug/ml
14) T Benzo[a]anthracene (C...	14.433	534359	5.174 ug/ml
15) T Chrysene (C27.41)	14.473	799944	6.890 ug/ml
16) T benzo[b]fluoranthene ...	15.993	702092	6.757 ug/ml
17) T Benzo[k]fluoranthene ...	16.029	323795	2.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	453789	4.261 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	306853	4.583 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	146023	1.202 ug/ml
21) T Benzo[a,h,i]perylene ...	18.015	297747	3.611 ug/ml

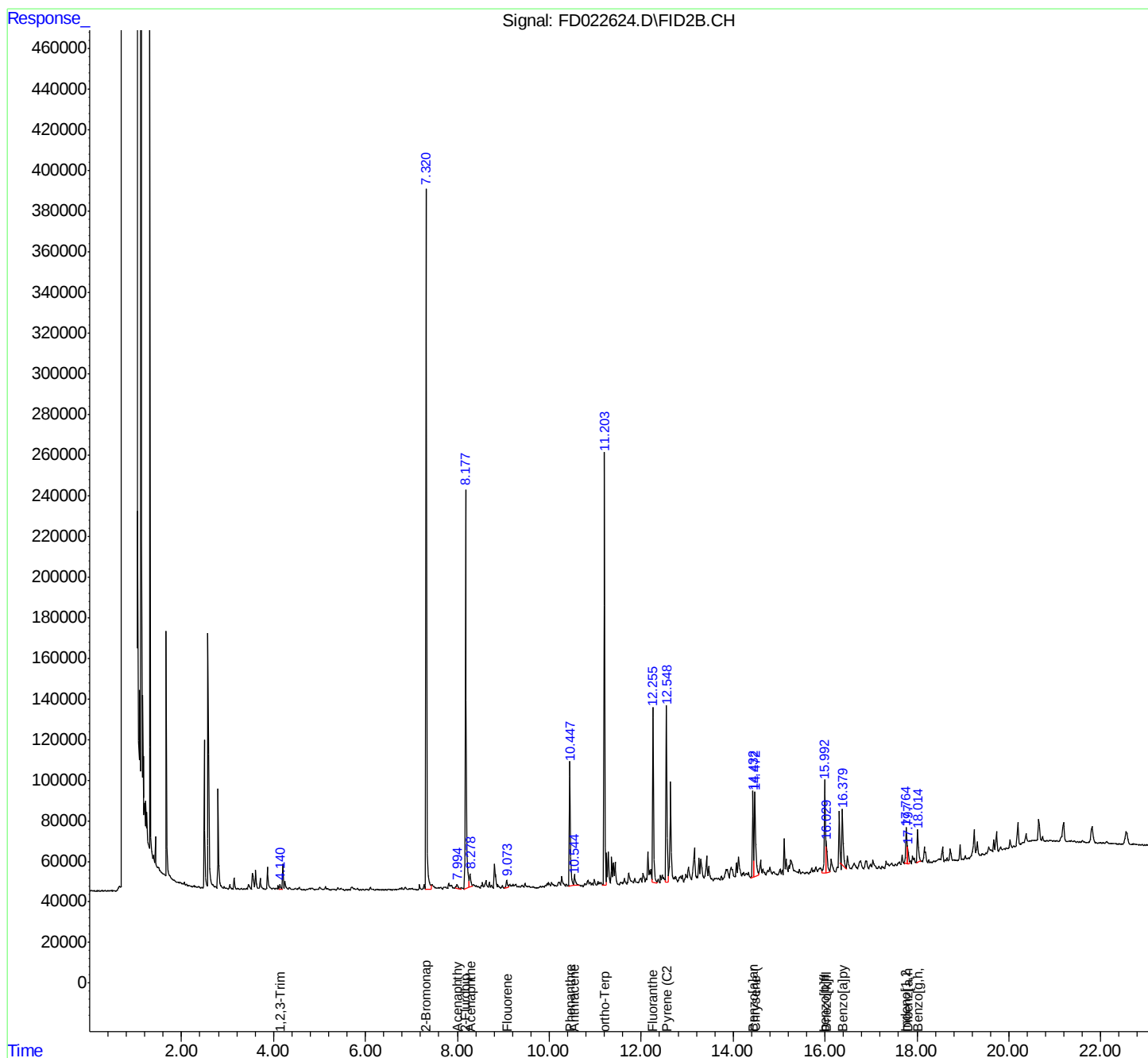
(f)=RT Delta > 1/2 Window

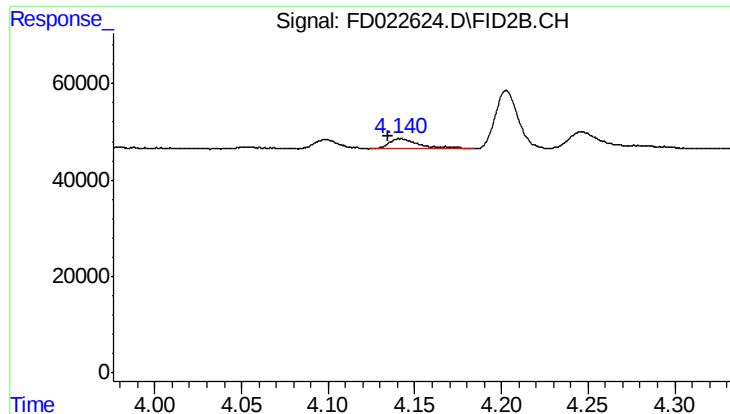
(m)=manual int.

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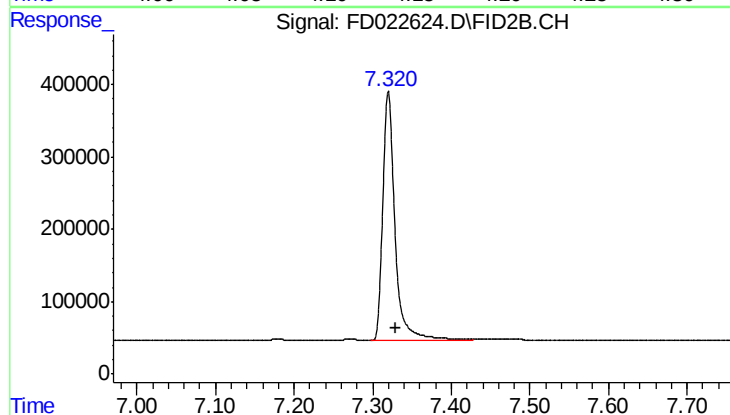
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





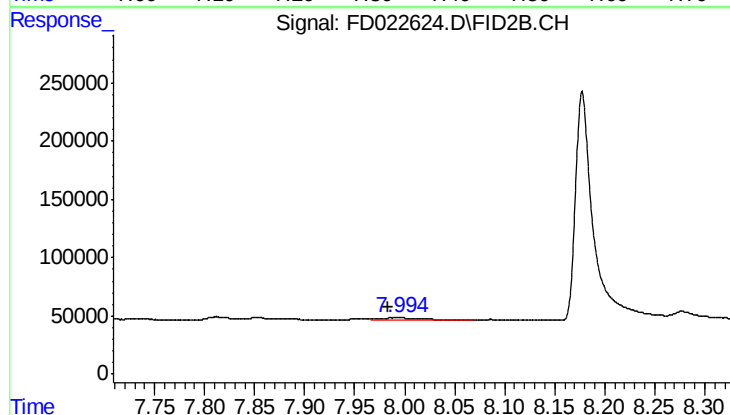
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.141 min
Delta R.T.: 0.007 min
Response: 27495
Conc: 0.28 ug/ml



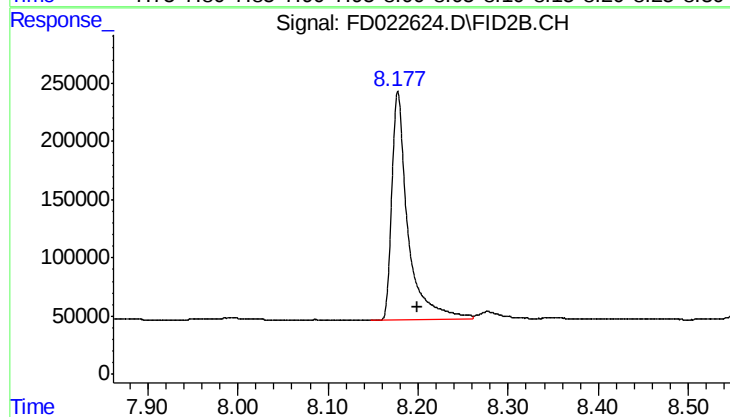
#4 2-Bromonaphthalene (SURR)

R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 3770409
Conc: 43.59 ug/ml



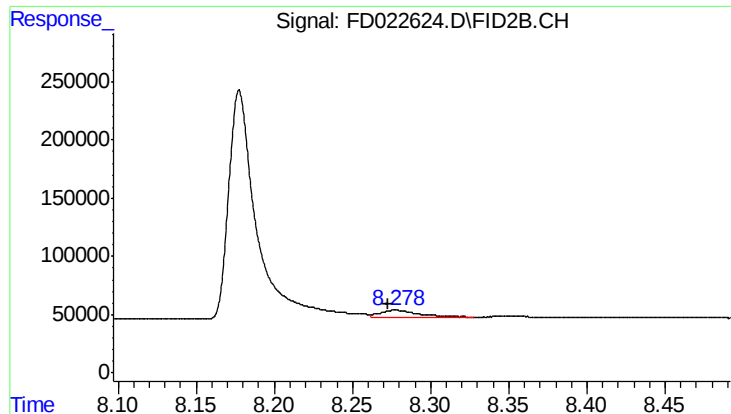
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: 0.012 min
Response: 54192
Conc: 0.54 ug/ml



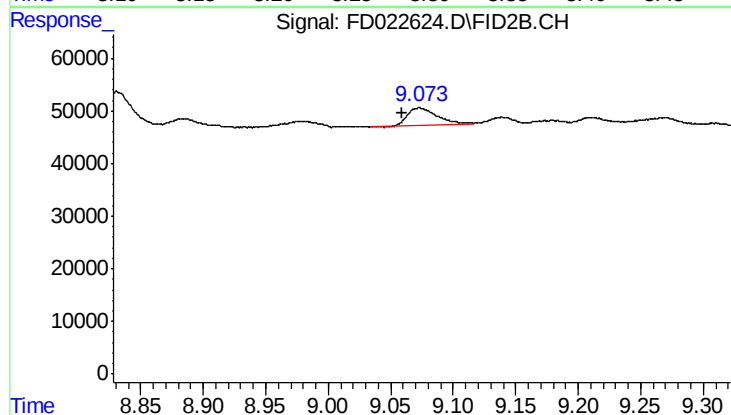
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.178 min
Delta R.T.: -0.022 min
Response: 2465779
Conc: 46.68 ug/ml



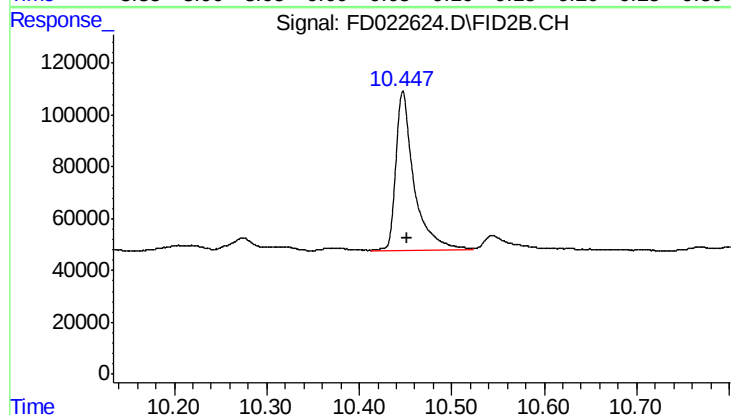
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: 0.005 min
Response: 111862
Conc: 1.02 ug/ml



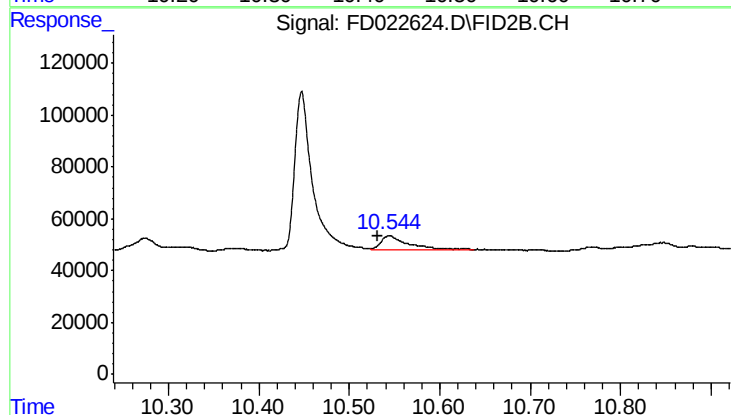
#8 Flouorene (C16.55)

R.T.: 9.072 min
Delta R.T.: 0.013 min
Response: 57359
Conc: 0.57 ug/ml



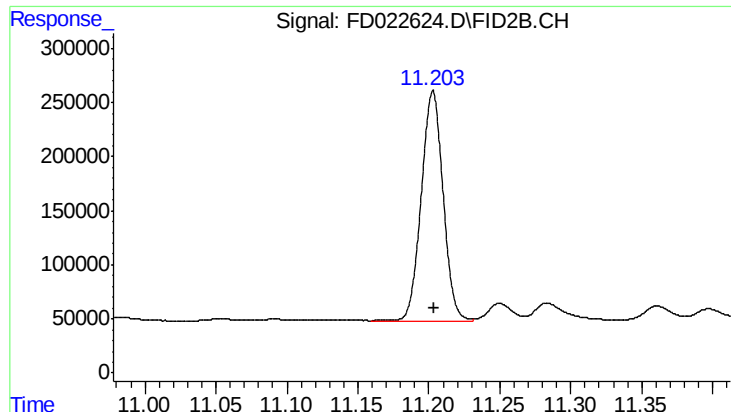
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.005 min
Response: 835463
Conc: 7.94 ug/ml



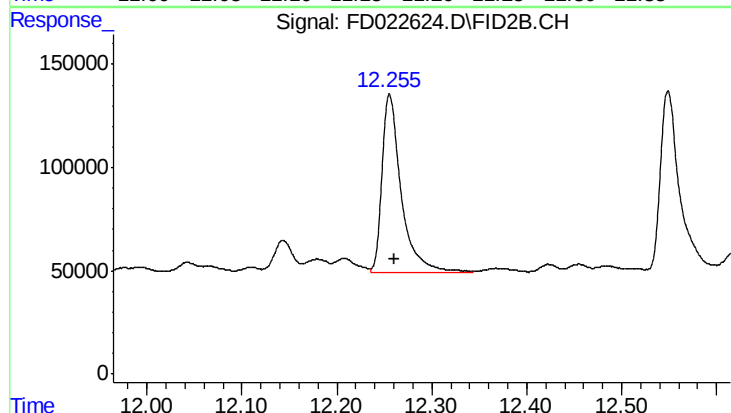
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: 0.012 min
Response: 111161
Conc: 1.04 ug/ml



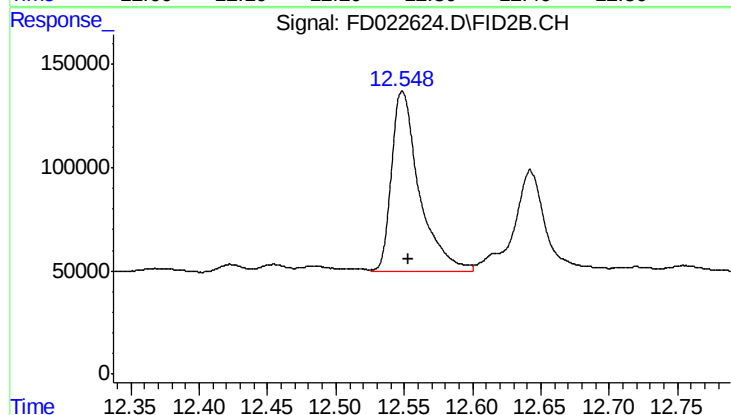
#11 ortho-Terphenyl (SURR)

R.T.: 11.203 min
Delta R.T.: 0.000 min
Response: 2276312
Conc: 21.42 ug/ml



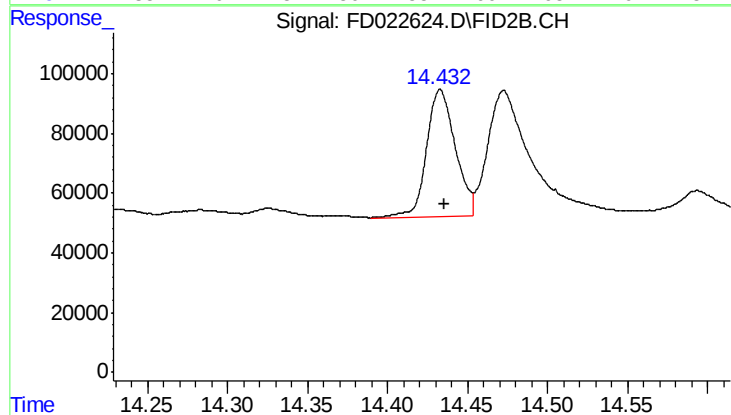
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.005 min
Response: 1194913
Conc: 10.54 ug/ml



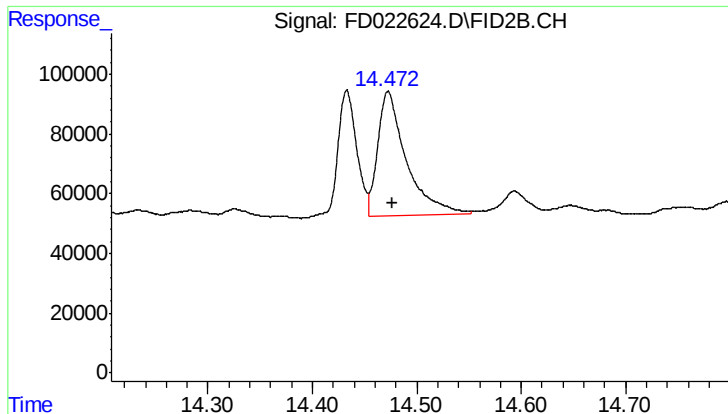
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.005 min
Response: 1247101
Conc: 11.11 ug/ml



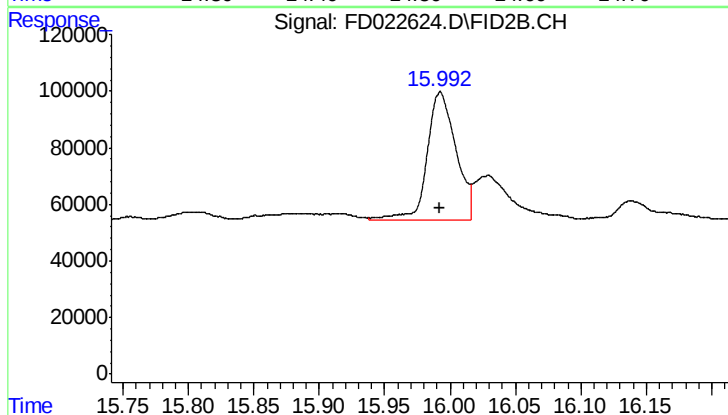
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.002 min
Response: 534359
Conc: 5.17 ug/ml



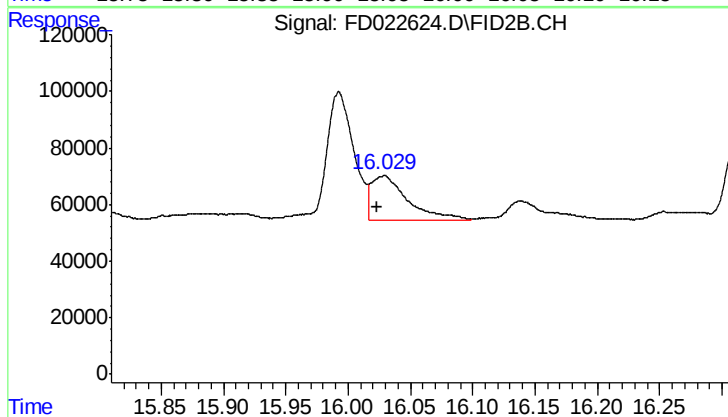
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.005 min
Response: 799944
Conc: 6.89 ug/ml



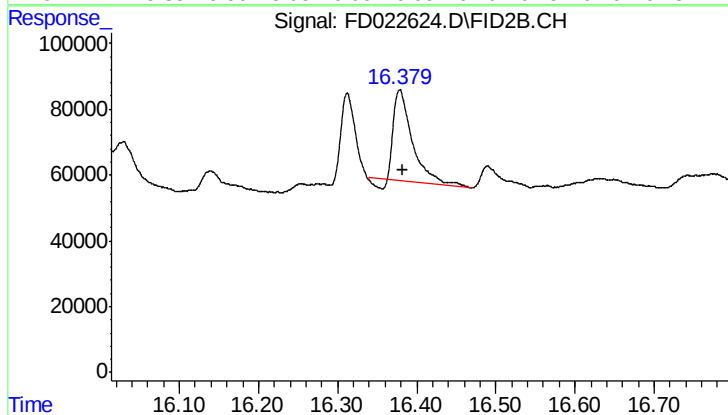
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.993 min
Delta R.T.: 0.000 min
Response: 702092
Conc: 6.76 ug/ml



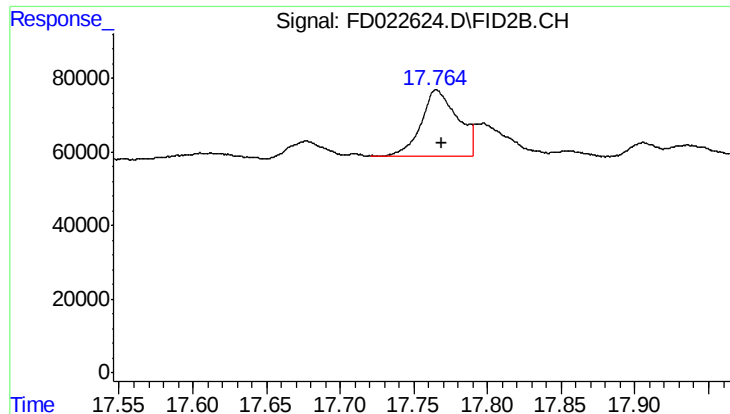
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min
Delta R.T.: 0.006 min
Response: 323795
Conc: 2.67 ug/ml



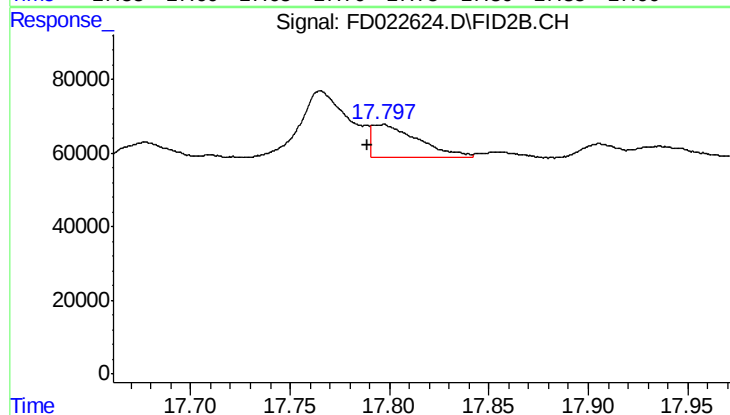
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: -0.004 min
Response: 453789
Conc: 4.26 ug/ml



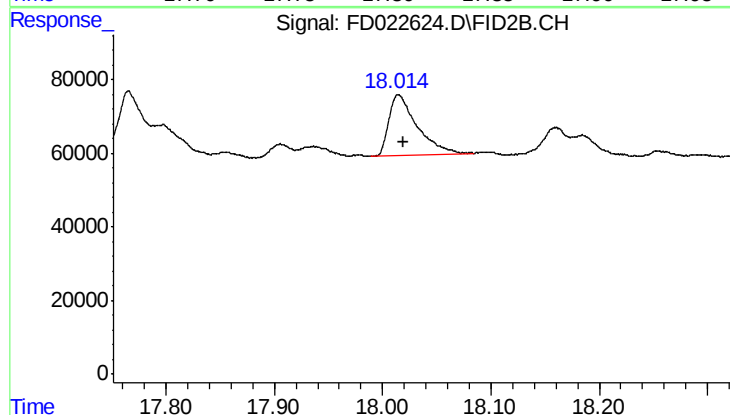
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.004 min
Response: 306853
Conc: 4.58 ug/ml



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

R.T.: 17.797 min
Delta R.T.: 0.008 min
Response: 146023
Conc: 1.20 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.004 min
Response: 297747
Conc: 3.61 ug/ml