

Data Path : P:\HPCHEM1\FID D\Data\FD032718AR\
 Data File : FD022657.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2018 16:22
 Operator : UA/AJ
 Sample : J2052-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 02:10:31 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...	7.316	4197824	48.527 ug/ml
Spiked Amount 50.000		Recovery =	97.05%
6) S 2-Fluorobiphenyl (SURR)	8.173	2780778	52.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.28%
11) S ortho-Terphenyl (SURR)	11.197	3975089	37.398 ug/ml
Spiked Amount 50.000		Recovery =	74.80%
Target Compounds			
7) T Acenaphthene (C15.5)	8.274	55877	0.508 ug/ml
9) T Phenanthrene (C19.36)	10.471	79024	0.751 ug/ml
10) T Anthracene (C19.43)	10.556	132122	1.231 ug/ml
12) T Fluoranthene (C21.85)	12.258	280860	2.478 ug/ml
13) T Pyrene (C20.8)	12.545	754586	6.724 ug/ml
14) T Benzo[a]anthracene (C...	14.437	208894	2.023 ug/ml
15) T Chrysene (C27.41)	14.474	330306	2.845 ug/ml
16) T benzo[b]fluoranthene ...	15.992	392290	3.776 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	162657	1.342 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	167969	1.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	217776	3.252 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	217776	1.792 ug/ml
21) T Benzo[a,h,i]perylene ...	18.020	128954	1.564 ug/ml

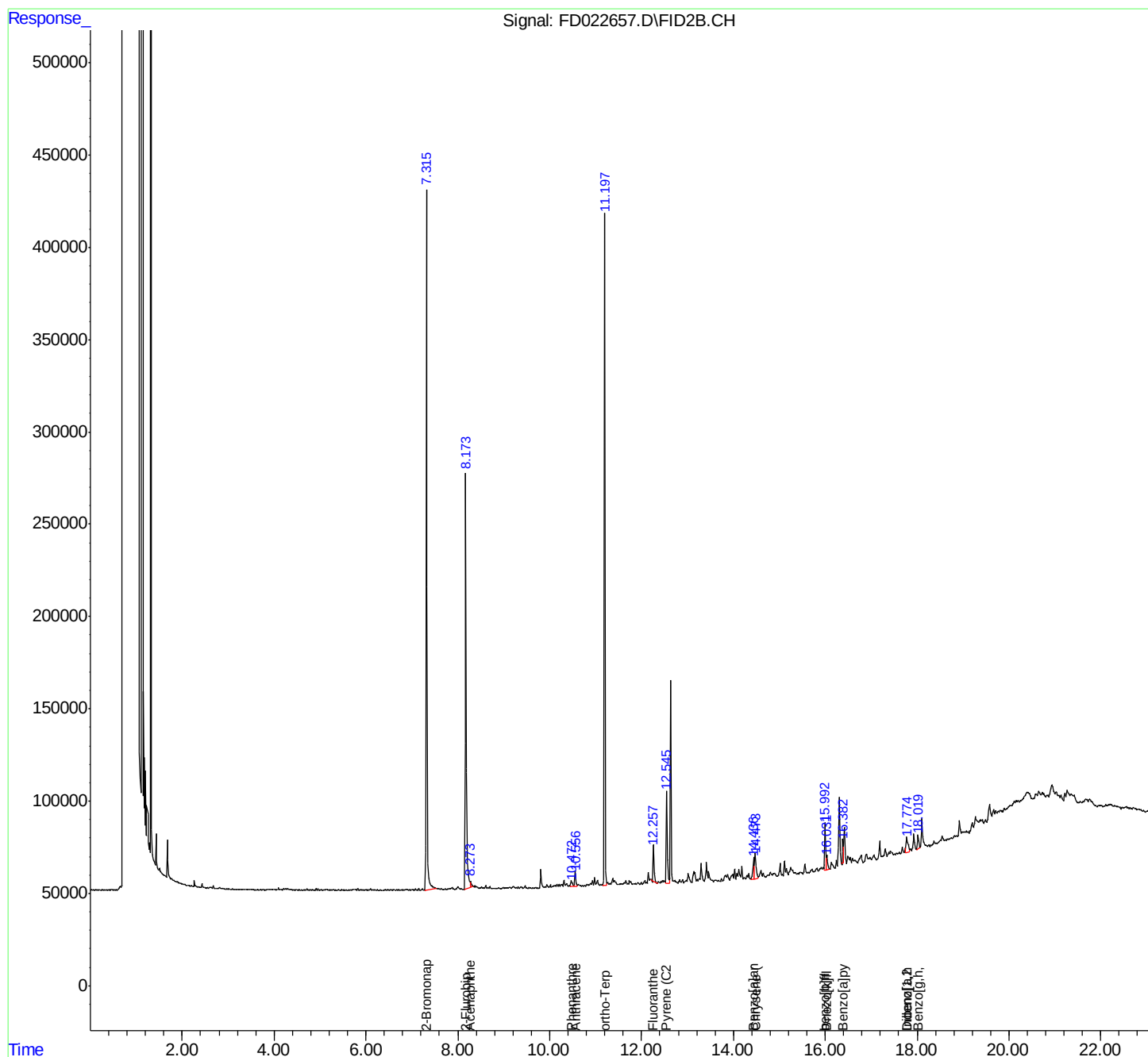
(f)=RT Delta > 1/2 Window

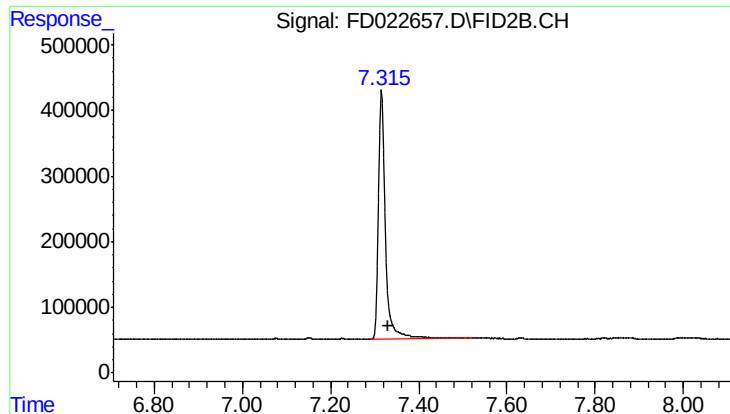
(m)=manual int.

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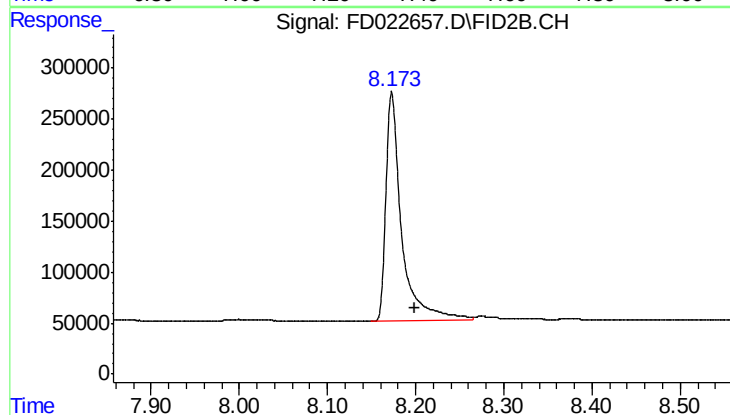
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Signal Info : 20M x 0.18mm x 0.18µm





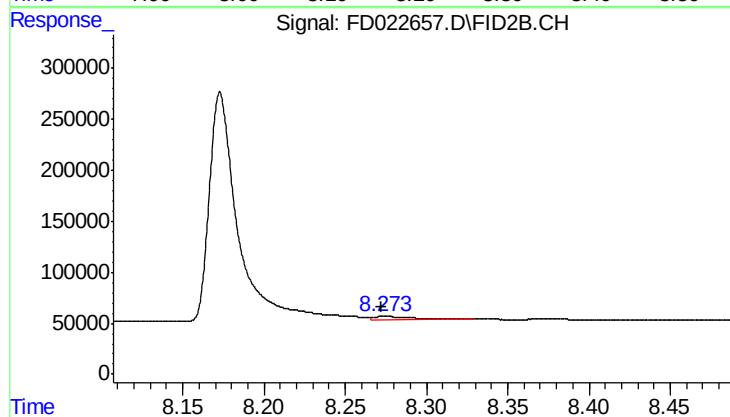
#4 2-Bromonaphthalene (SURR)

R.T.: 7.316 min
Delta R.T.: -0.014 min
Response: 4197824
Conc: 48.53 ug/ml



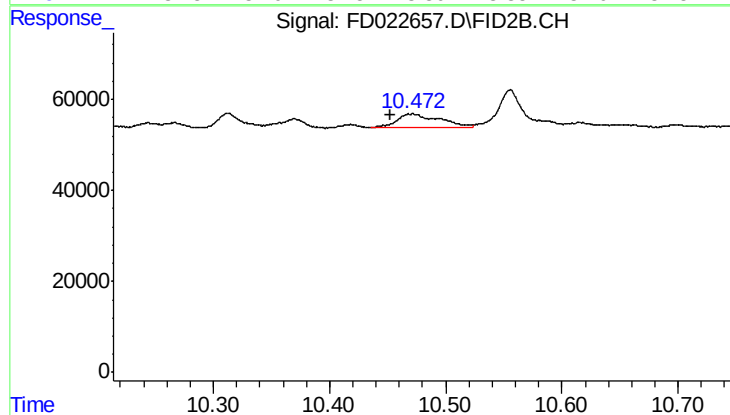
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: -0.026 min
Response: 2780778
Conc: 52.64 ug/ml



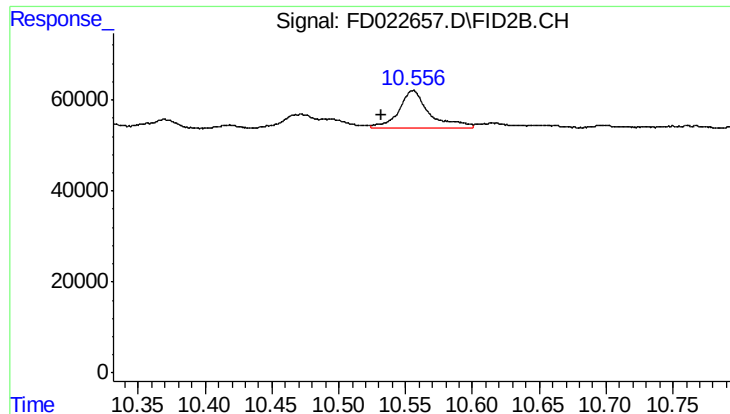
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: 0.002 min
Response: 55877
Conc: 0.51 ug/ml



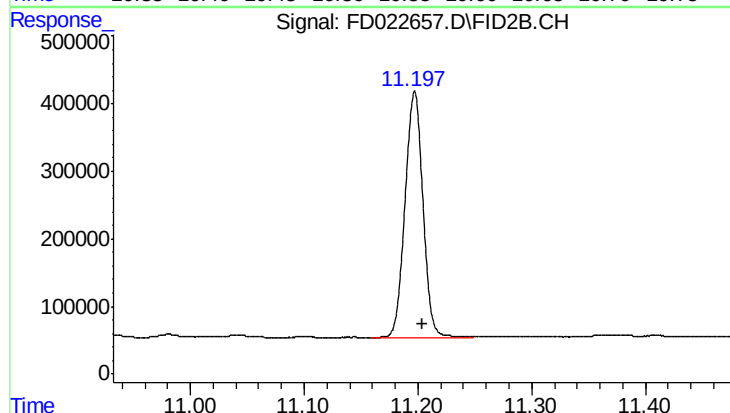
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: 0.019 min
Response: 79024
Conc: 0.75 ug/ml



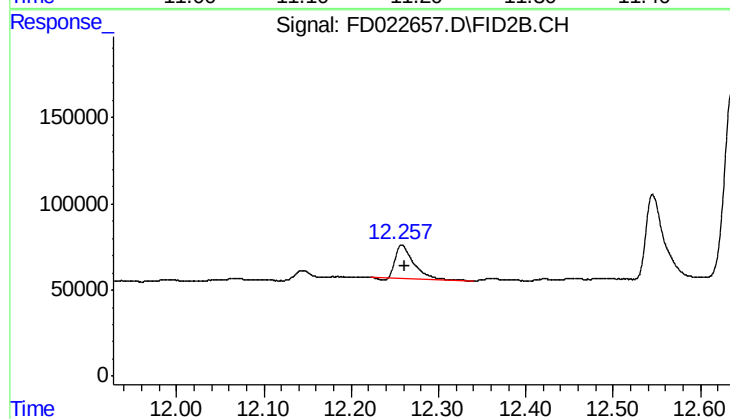
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: 0.024 min
Response: 132122
Conc: 1.23 ug/ml



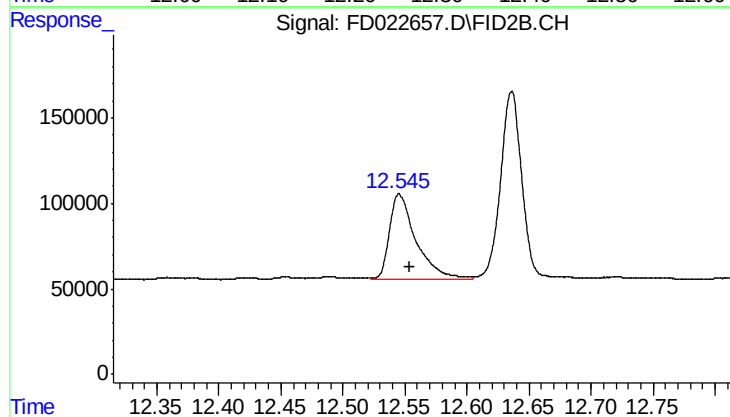
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.007 min
Response: 3975089
Conc: 37.40 ug/ml



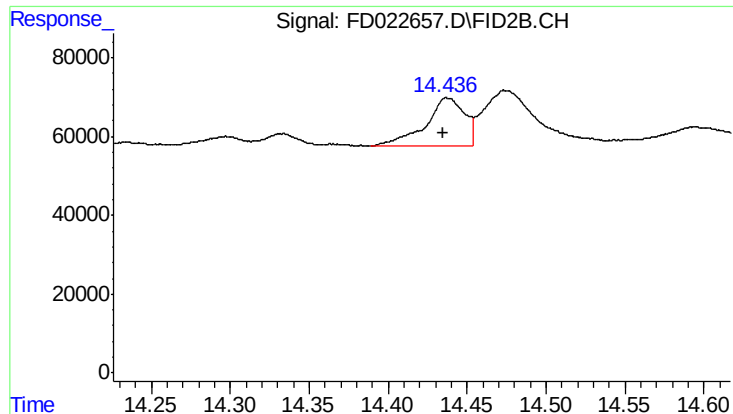
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.003 min
Response: 280860
Conc: 2.48 ug/ml



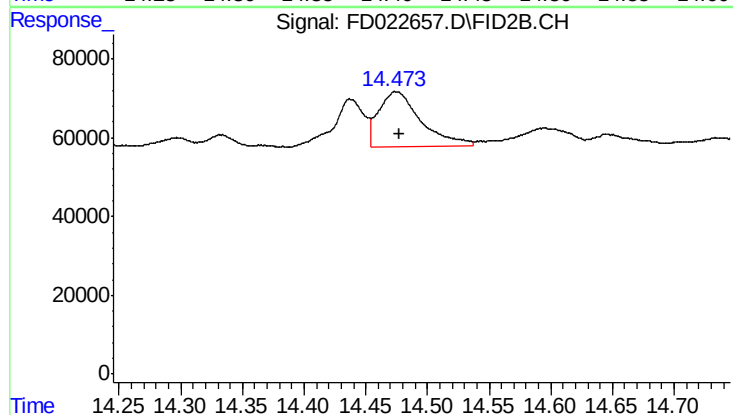
#13 Pyrene (C20.8)

R.T.: 12.545 min
Delta R.T.: -0.008 min
Response: 754586
Conc: 6.72 ug/ml



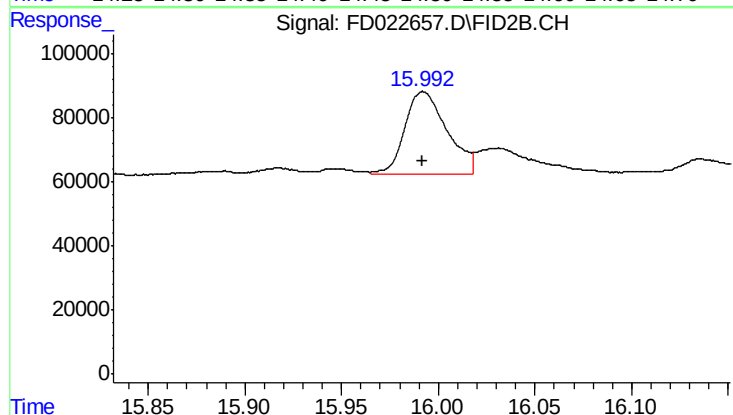
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.002 min
Response: 208894
Conc: 2.02 ug/ml



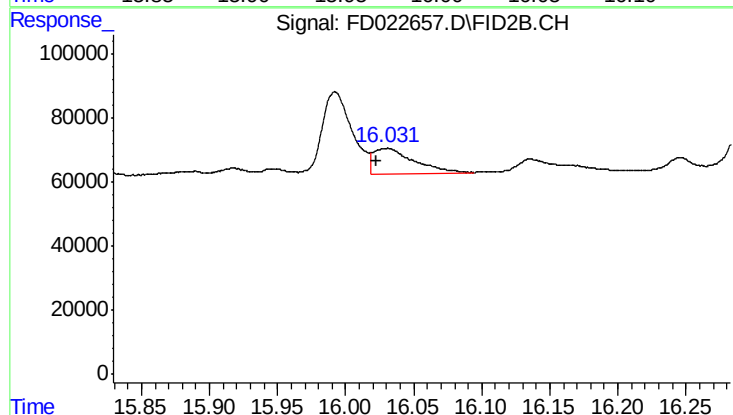
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.003 min
Response: 330306
Conc: 2.84 ug/ml



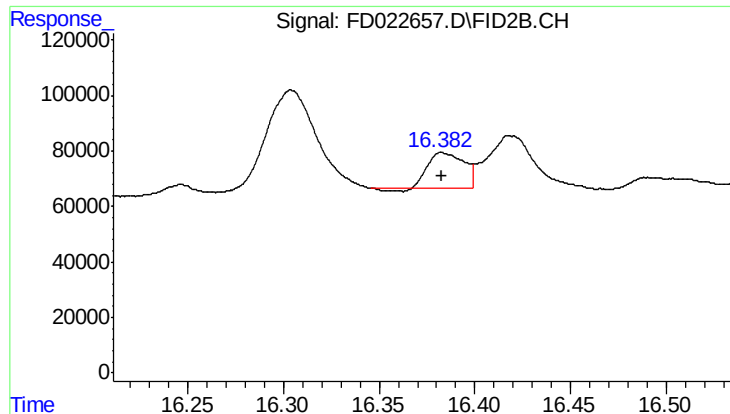
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 392290
Conc: 3.78 ug/ml



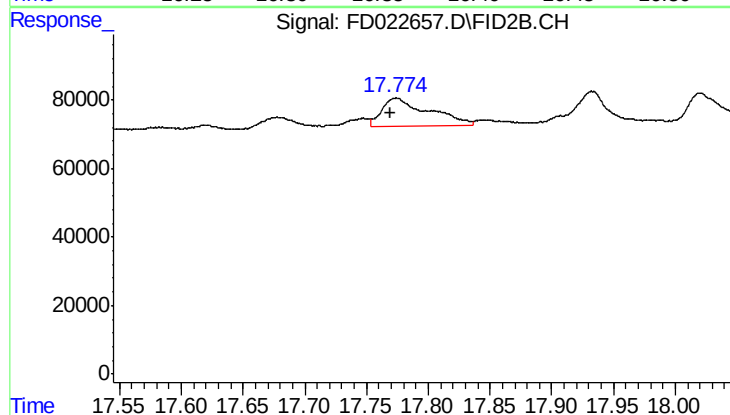
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.031 min
Delta R.T.: 0.008 min
Response: 162657
Conc: 1.34 ug/ml



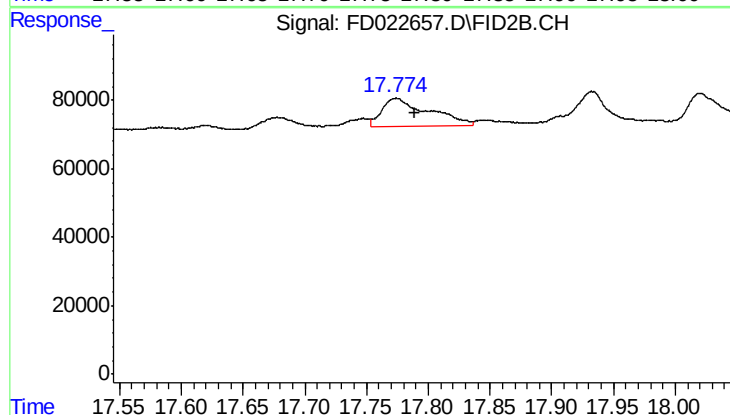
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.000 min
Response: 167969
Conc: 1.58 ug/ml



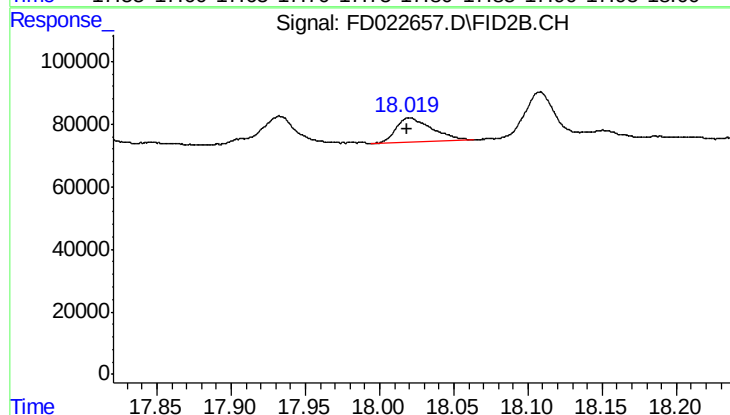
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: 0.005 min
Response: 217776
Conc: 3.25 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.015 min
Response: 217776
Conc: 1.79 ug/ml



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

R.T.: 18.020 min
Delta R.T.: 0.002 min
Response: 128954
Conc: 1.56 ug/ml