

Data Path : P:\HPCHEM1\FID D\Data\FD042518AR\
 Data File : FD023281.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2018 12:34
 Operator : UA/AJ
 Sample : J2499-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 25 14:36:57 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 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...	7.274	5574583	41.851 ug/ml
Spiked Amount 50.000		Recovery =	83.70%
6) S 2-Fluorobiphenyl (SURR)	8.131	3419129	49.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.49%
11) S ortho-Terphenyl (SURR)	11.211f	24620	0.177 ug/ml
Spiked Amount 50.000		Recovery =	0.35%
Target Compounds			
2) T Naphthalene (C11.7)	5.654	149270	1.107 ug/ml
7) T Acenaphthene (C15.5)	8.234	266314	1.599 ug/ml
8) T Fluorene (C16.55)	9.047	33306	0.236 ug/ml
9) T Phenanthrene (C19.36)	10.401	861808	6.509 ug/ml
10) T Anthracene (C19.43)	10.503	301801	2.158 ug/ml
12) T Fluoranthene (C21.85)	12.205	1080029	7.774 ug/ml
13) T Pyrene (C20.8)	12.498	836173	5.883 ug/ml
14) T Benzo[a]anthracene (C...	14.385	437252	3.466 ug/ml
15) T Chrysene (C27.41)	14.427	543420	3.490 ug/ml
16) T benzo[b]fluoranthene ...	15.944	501649	3.699 ug/ml
17) T Benzo[k]fluoranthene ...	15.944	501649	3.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.335	389415	2.717 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.686	66475	0.514 ug/ml
20) T Dibenz[a,h]anthracene...	17.727	333807	2.013 ug/ml
21) T Benzo[g,h,i]perylene ...	17.900	67749	0.459 ug/ml

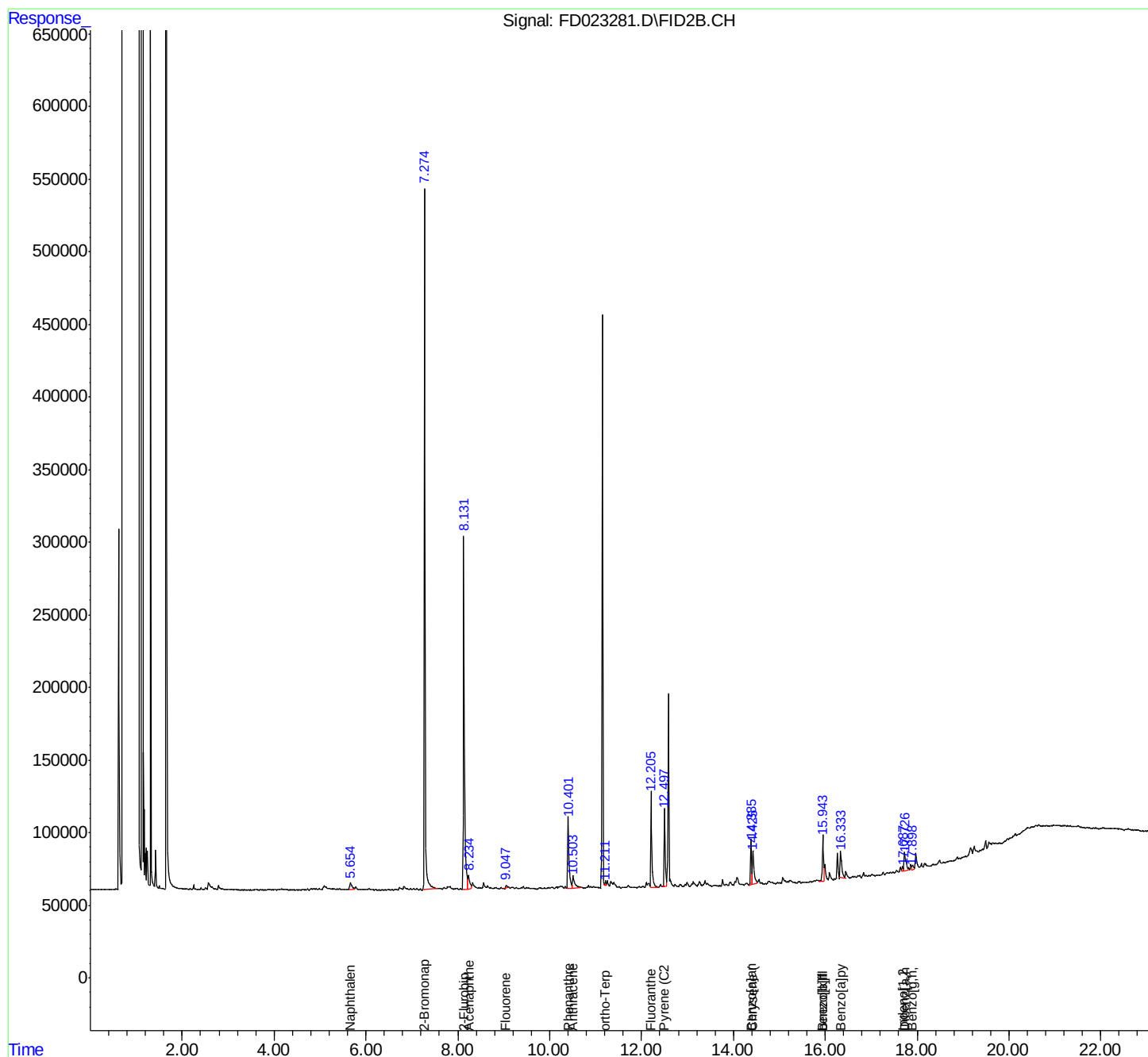
(f)=RT Delta > 1/2 Window

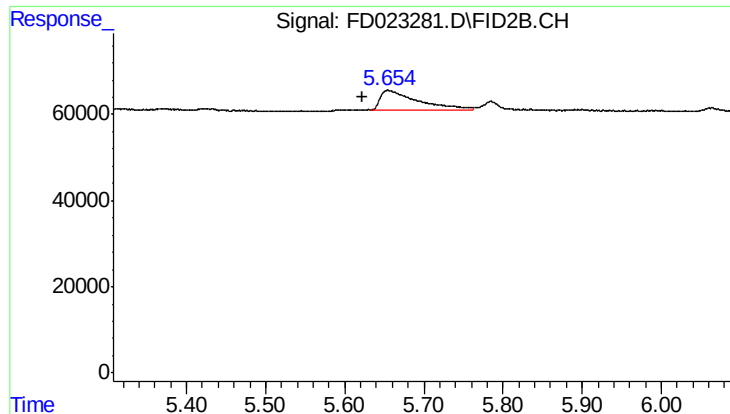
(m)=manual int.

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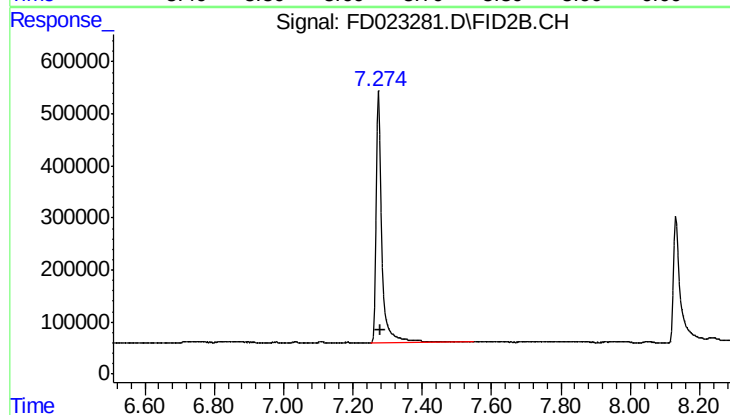
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Signal Info : 20M x 0.18mm x 0.18µm





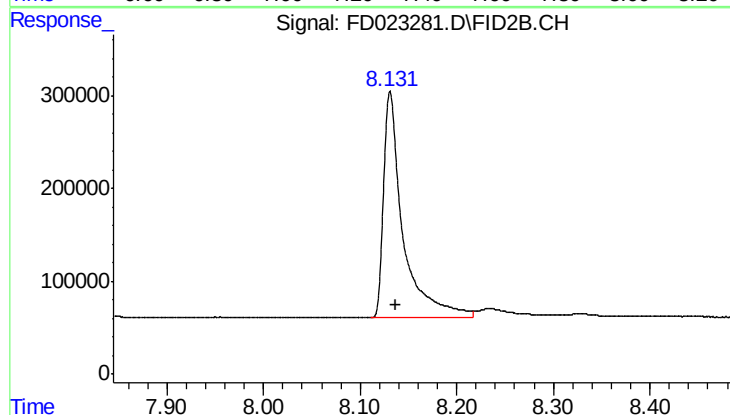
#2 Naphthalene (C11.7)

R.T.: 5.654 min
Delta R.T.: 0.033 min
Response: 149270
Conc: 1.11 ug/ml



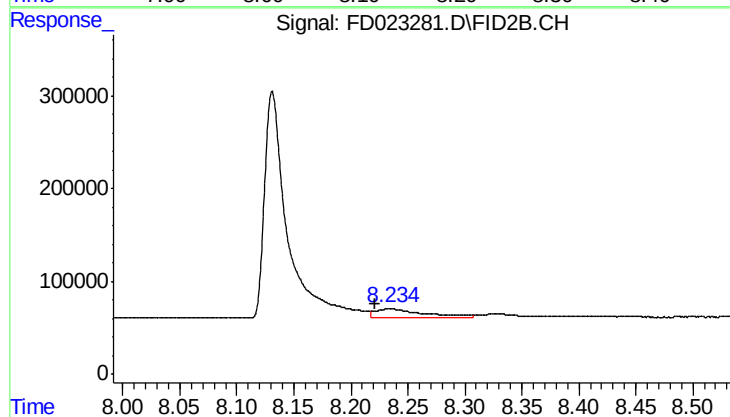
#4 2-Bromonaphthalene (SURR)

R.T.: 7.274 min
Delta R.T.: -0.004 min
Response: 5574583
Conc: 41.85 ug/ml



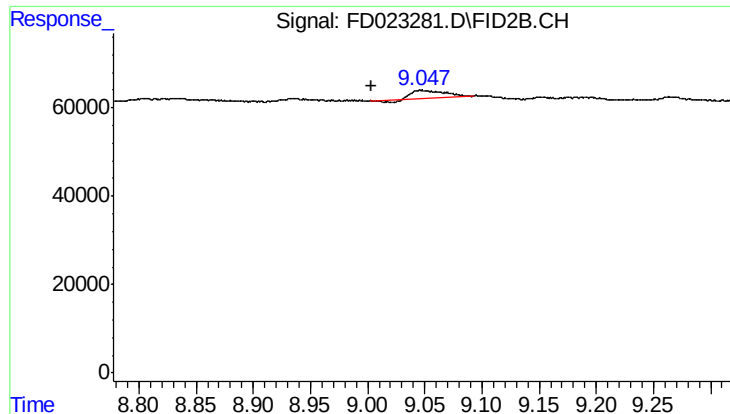
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 3419129
Conc: 49.24 ug/ml



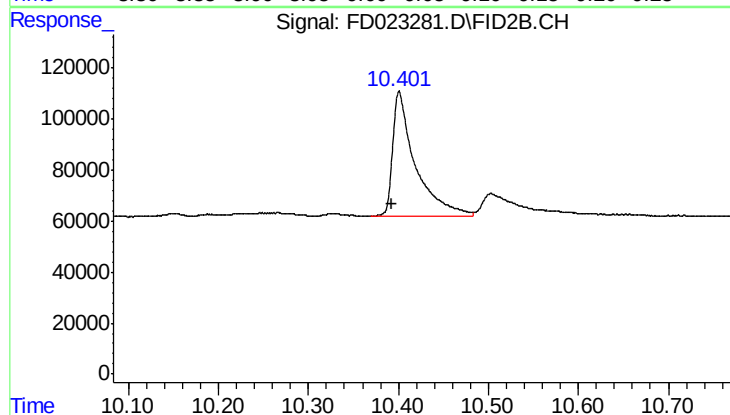
#7 Acenaphthene (C15.5)

R.T.: 8.234 min
Delta R.T.: 0.014 min
Response: 266314
Conc: 1.60 ug/ml



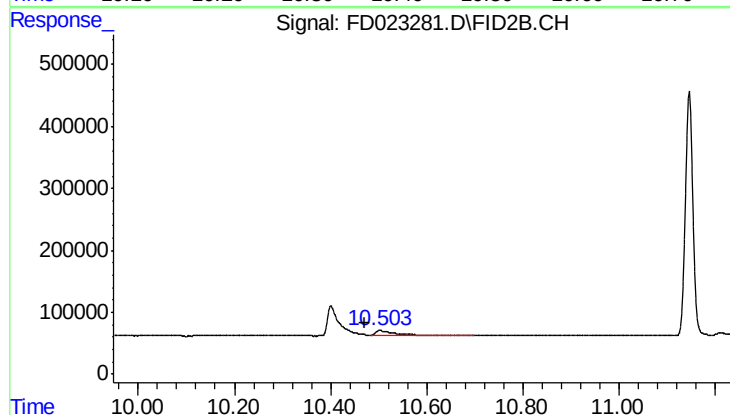
#8 Flouorene (C16.55)

R.T.: 9.047 min
Delta R.T.: 0.043 min
Response: 33306
Conc: 0.24 ug/ml



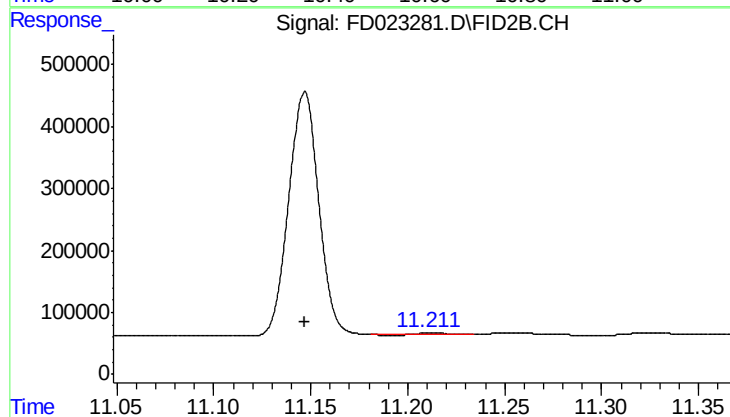
#9 Phenanthrene (C19.36)

R.T.: 10.401 min
Delta R.T.: 0.009 min
Response: 861808
Conc: 6.51 ug/ml



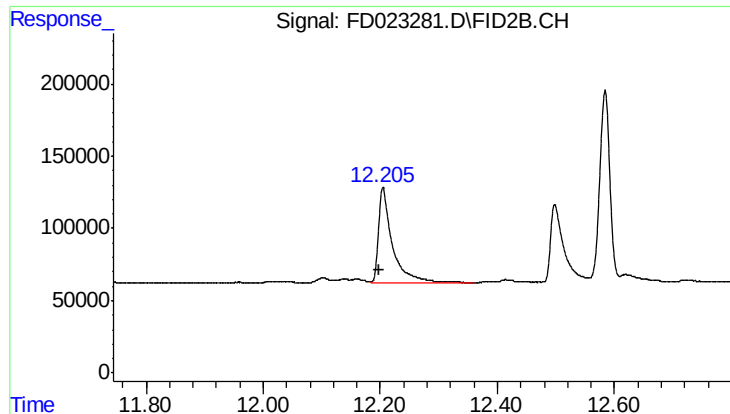
#10 Anthracene (C19.43)

R.T.: 10.503 min
Delta R.T.: 0.032 min
Response: 301801
Conc: 2.16 ug/ml



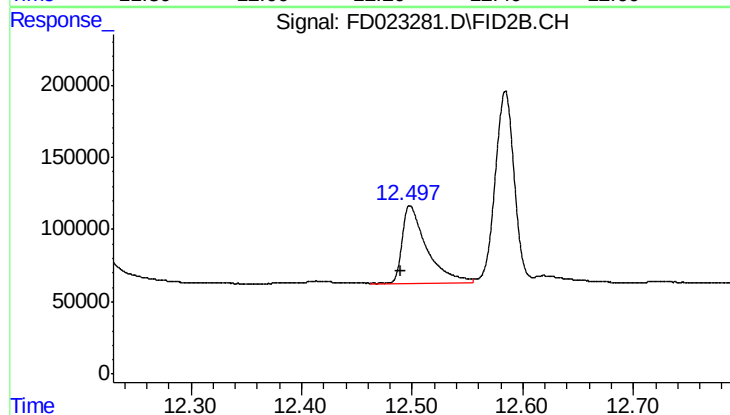
#11 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: 0.064 min
Response: 24620
Conc: 0.18 ug/ml



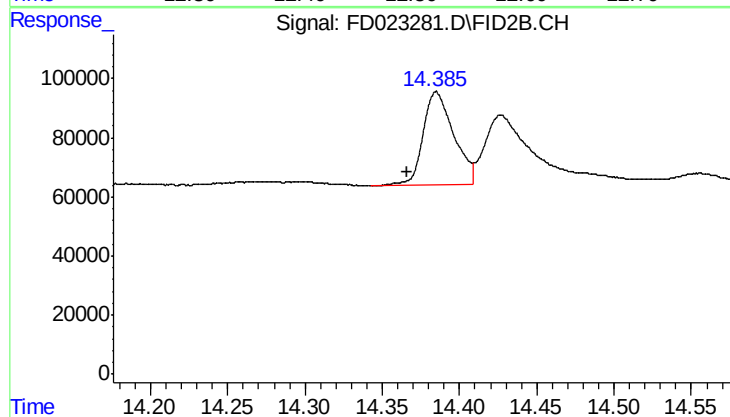
#12 Fluoranthene (C21.85)

R.T.: 12.205 min
Delta R.T.: 0.006 min
Response: 1080029
Conc: 7.77 ug/ml



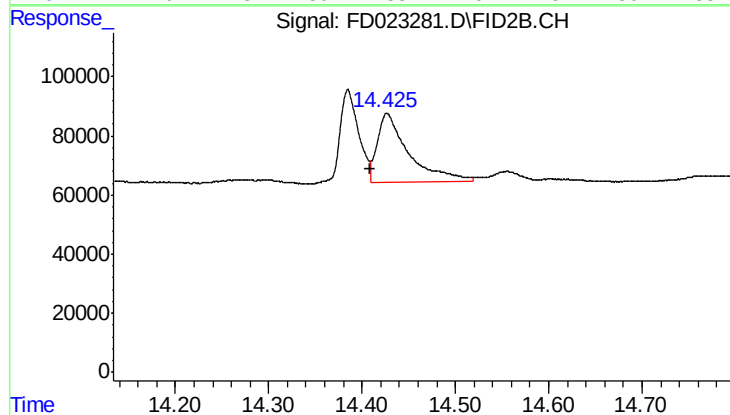
#13 Pyrene (C20.8)

R.T.: 12.498 min
Delta R.T.: 0.008 min
Response: 836173
Conc: 5.88 ug/ml



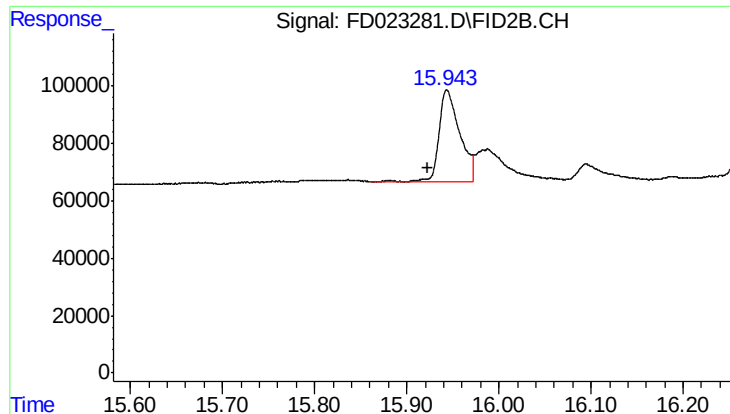
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.385 min
Delta R.T.: 0.019 min
Response: 437252
Conc: 3.47 ug/ml



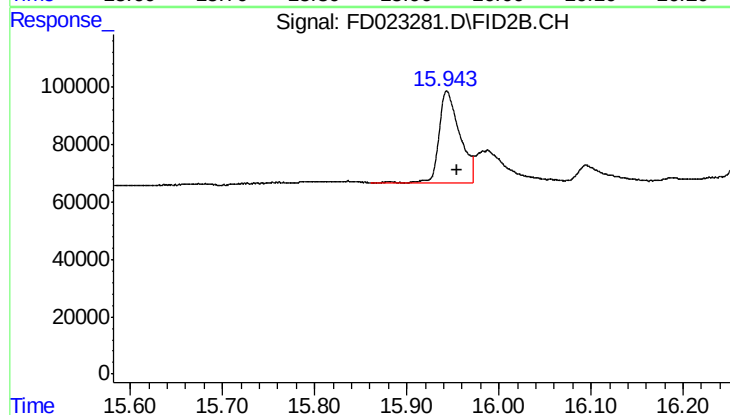
#15 Chrysene (C27.41)

R.T.: 14.427 min
Delta R.T.: 0.018 min
Response: 543420
Conc: 3.49 ug/ml



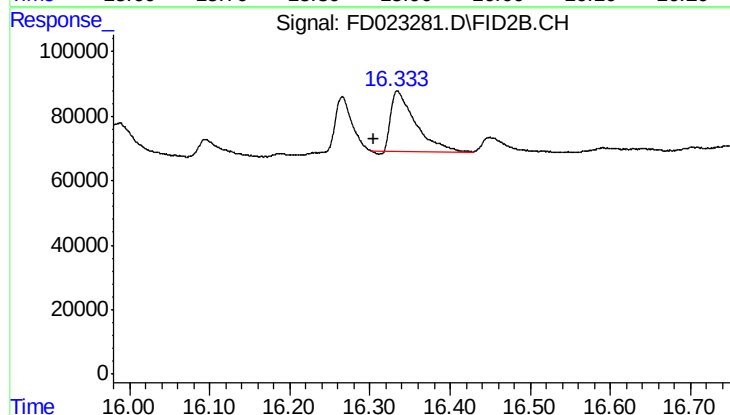
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.944 min
Delta R.T.: 0.022 min
Response: 501649
Conc: 3.70 ug/ml



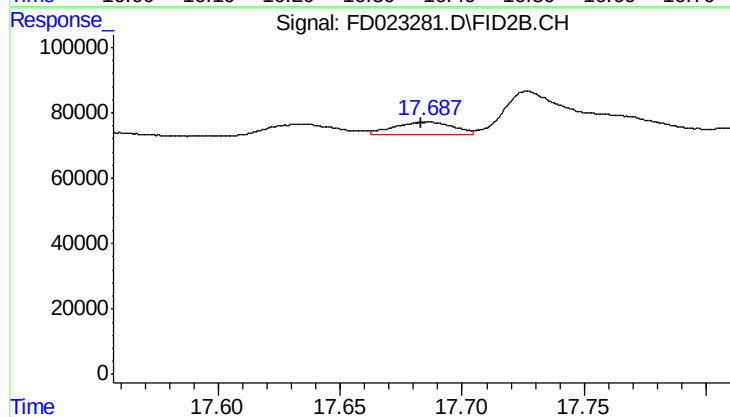
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.944 min
Delta R.T.: -0.010 min
Response: 501649
Conc: 3.08 ug/ml



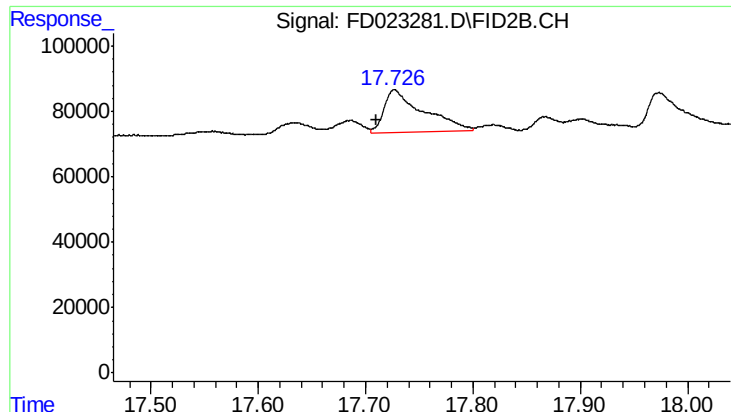
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.335 min
Delta R.T.: 0.029 min
Response: 389415
Conc: 2.72 ug/ml



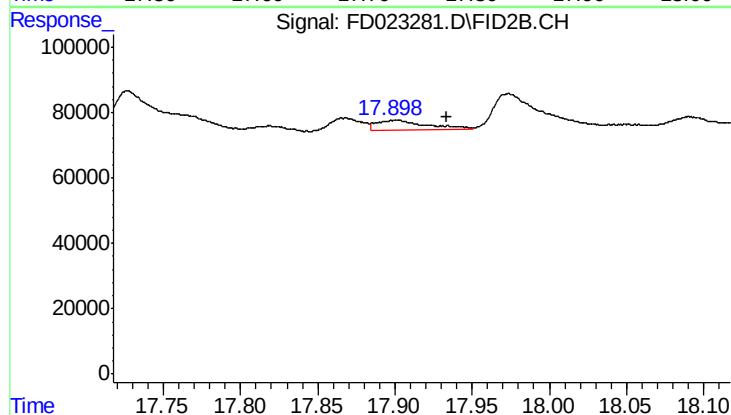
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.686 min
Delta R.T.: 0.002 min
Response: 66475
Conc: 0.51 ug/ml



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

R.T.: 17.727 min
Delta R.T.: 0.018 min
Response: 333807
Conc: 2.01 ug/ml



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

R.T.: 17.900 min
Delta R.T.: -0.034 min
Response: 67749
Conc: 0.46 ug/ml