

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022578.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 1:27
 Operator : UA/AJ
 Sample : J1938-08
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:29:30 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...	7.321	3948719	47.134 ug/ml
Spiked Amount 50.000		Recovery =	94.27%
6) S 2-Fluorobiphenyl (SURR)	8.179	2611172	51.648 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.30%
11) S ortho-Terphenyl (SURR)	11.252	145066	1.529 ug/ml
Spiked Amount 50.000		Recovery =	3.06%
Target Compounds			
2) T Naphthalene (C11.7)	5.679	139173	1.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	81523	0.898 ug/ml
5) T Acenaphthylene (C15.06)	7.993	83403	0.871 ug/ml
7) T Acenaphthene (C15.5)	8.276	233339	2.278 ug/ml
8) T Fluorene (C16.55)	9.062	224917	2.399 ug/ml
9) T Phenanthrene (C19.36)	10.445	1553706	16.676 ug/ml
10) T Anthracene (C19.43)	10.528	709485	7.482 ug/ml
12) T Fluoranthene (C21.85)	12.256	1595875	15.910 ug/ml
13) T Pyrene (C20.8)	12.550	1322253	13.015 ug/ml
14) T Benzo[alanthracene (C...	14.472	873784	9.061 ug/ml
15) T Chrysene (C27.41)	14.472	873784	8.096 ug/ml
16) T benzo[b]fluoranthene ...	16.025	417825	4.156 ug/ml
17) T Bnezo[k]fluoranthene ...	16.025	417825	3.682 ug/ml
18) T Benzo[alpyrene (C31.34)	16.375	751898	7.155 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	445391	4.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	122414	1.077 ug/ml
21) T Benzo[a,h,i]perylene ...	18.013	272423	2.623 ug/ml

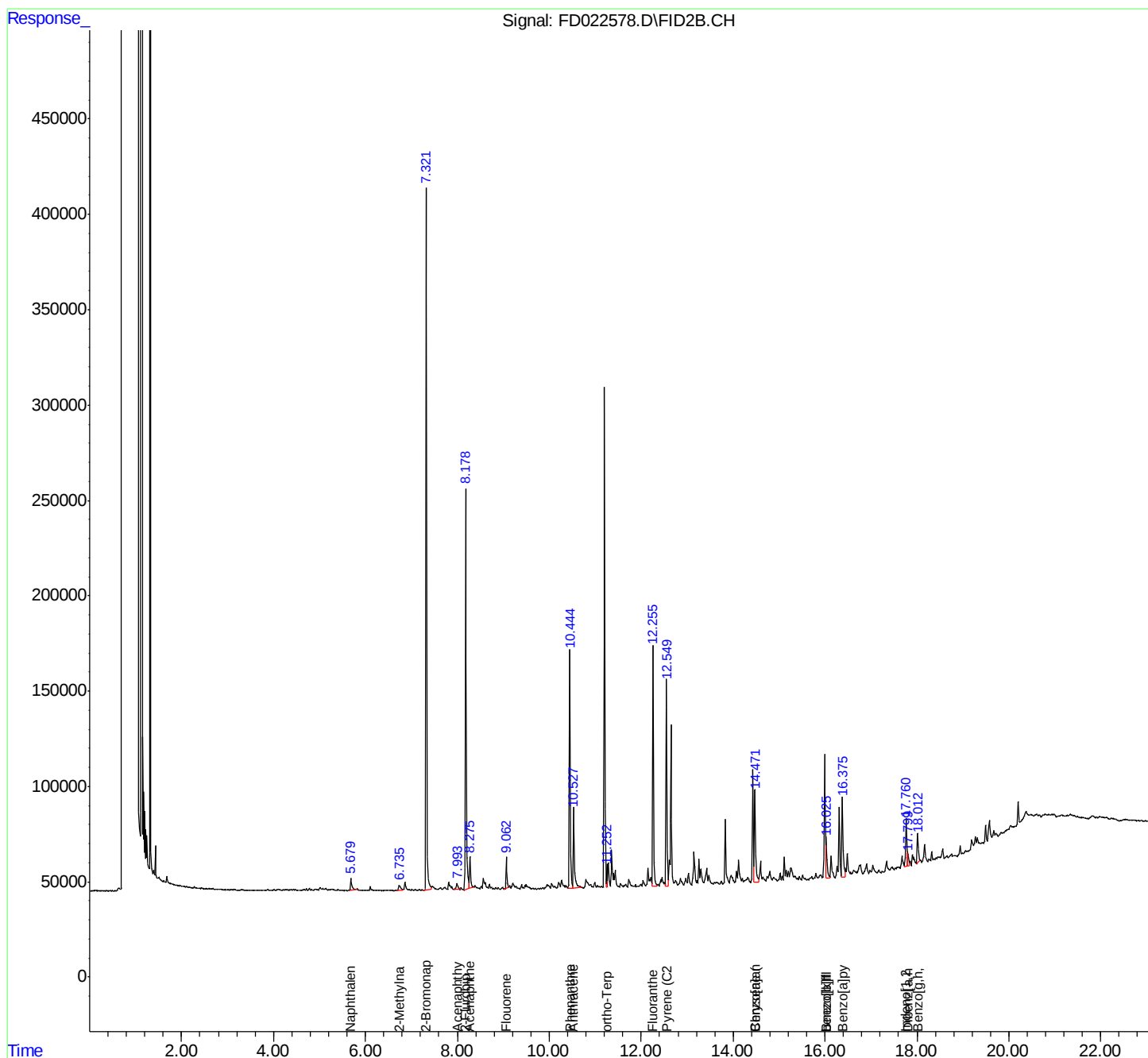
(f)=RT Delta > 1/2 Window

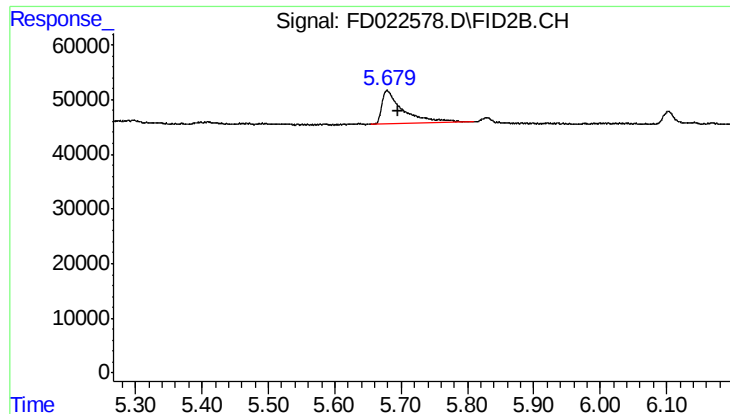
(m)=manual int.

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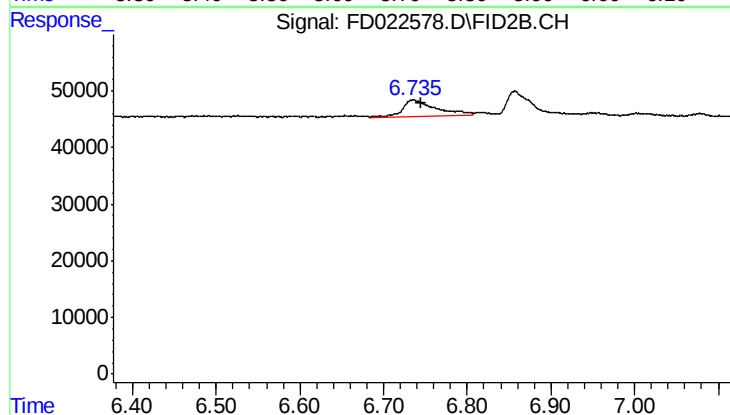
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Signal Info : 20M x 0.18mm x 0.18µm





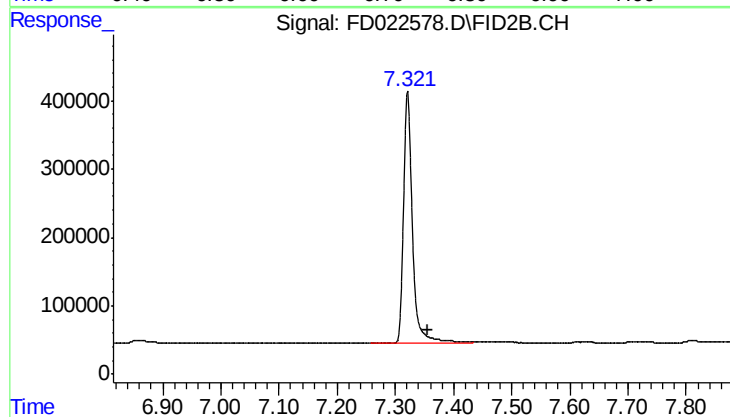
#2 Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.017 min
Response: 139173
Conc: 1.56 ug/ml



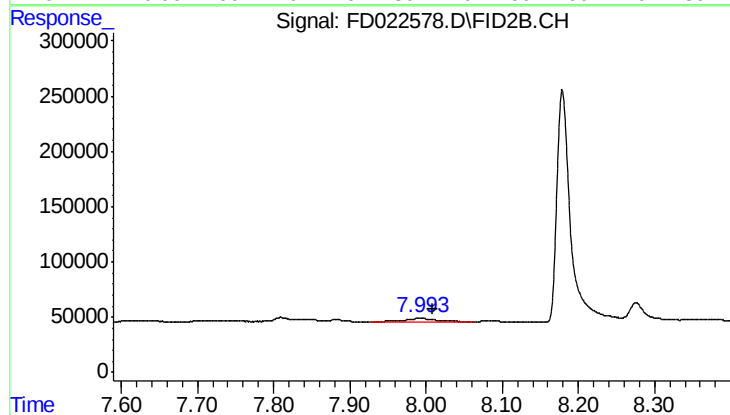
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.010 min
Response: 81523
Conc: 0.90 ug/ml



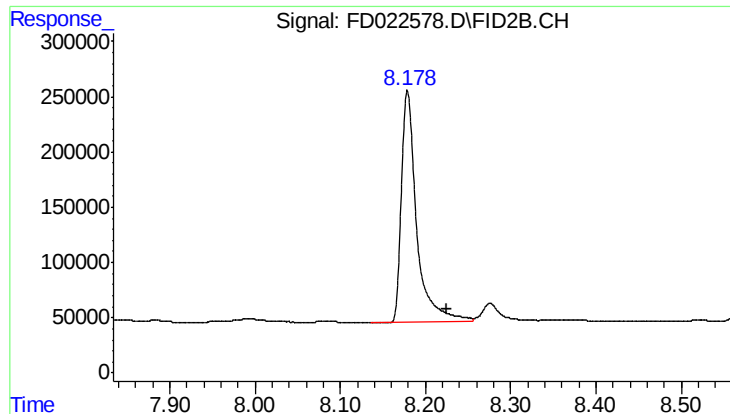
#4 2-Bromonaphthalene (SURR)

R.T.: 7.321 min
Delta R.T.: -0.034 min
Response: 3948719
Conc: 47.13 ug/ml



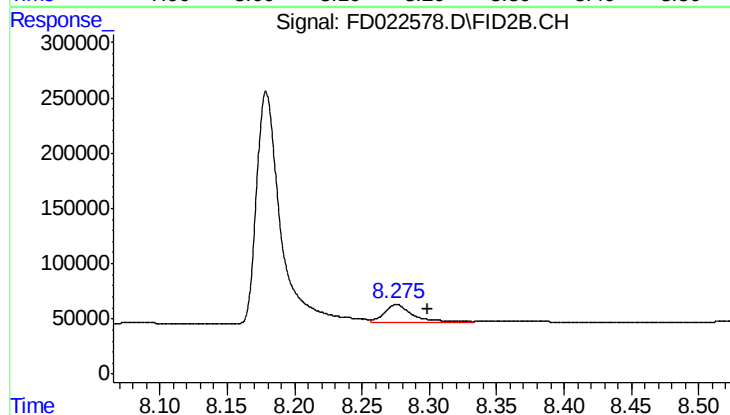
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.015 min
Response: 83403
Conc: 0.87 ug/ml



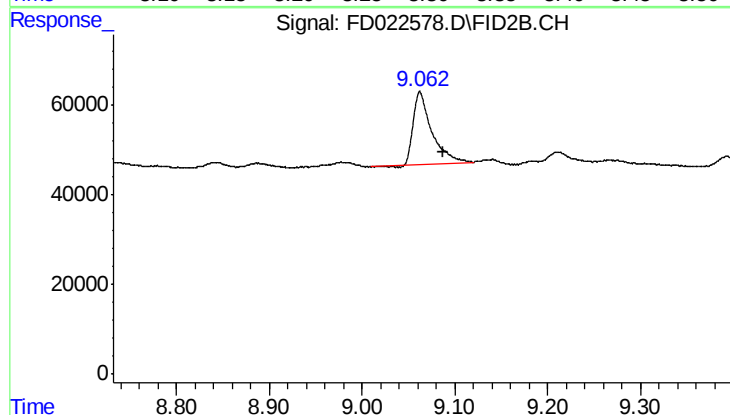
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.045 min
Response: 2611172
Conc: 51.65 ug/ml



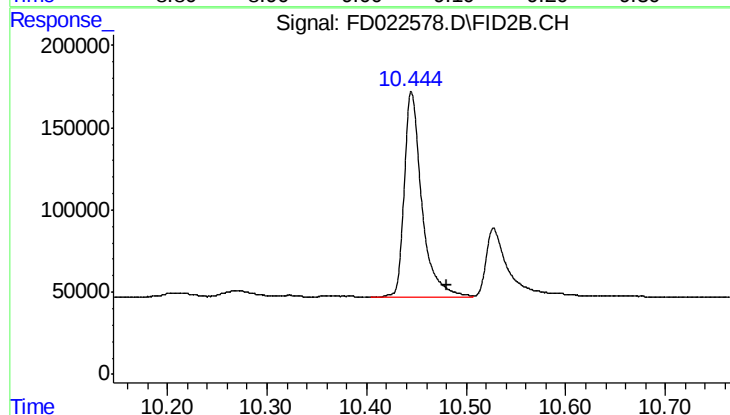
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.023 min
Response: 233339
Conc: 2.28 ug/ml



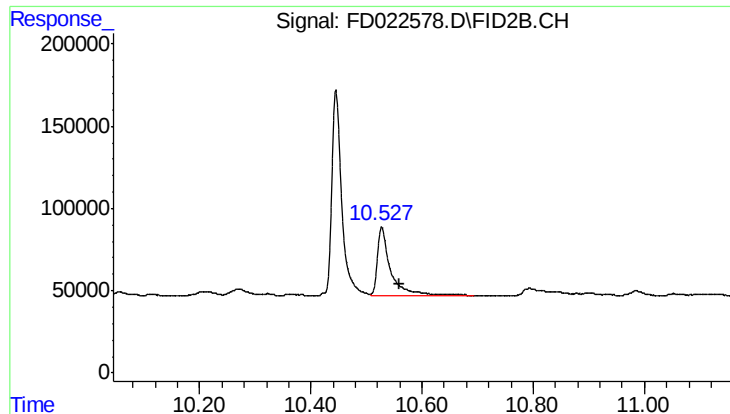
#8 Flouorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.024 min
Response: 224917
Conc: 2.40 ug/ml



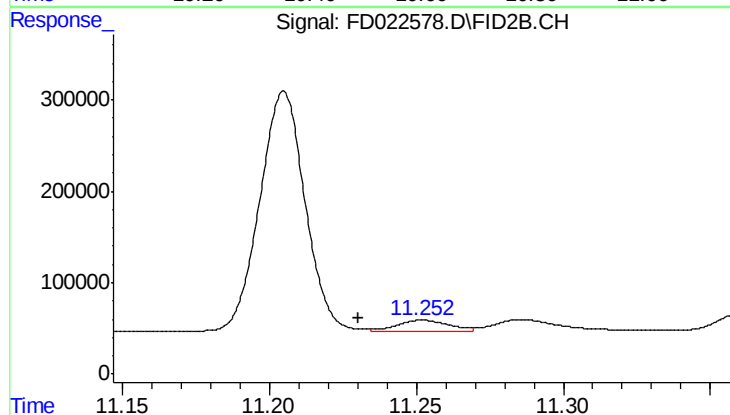
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.035 min
Response: 1553706
Conc: 16.68 ug/ml



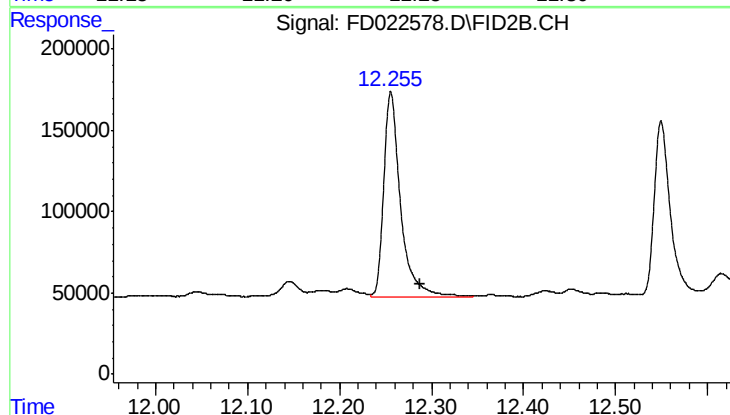
#10 Anthracene (C19.43)

R.T.: 10.528 min
Delta R.T.: -0.032 min
Response: 709485
Conc: 7.48 ug/ml



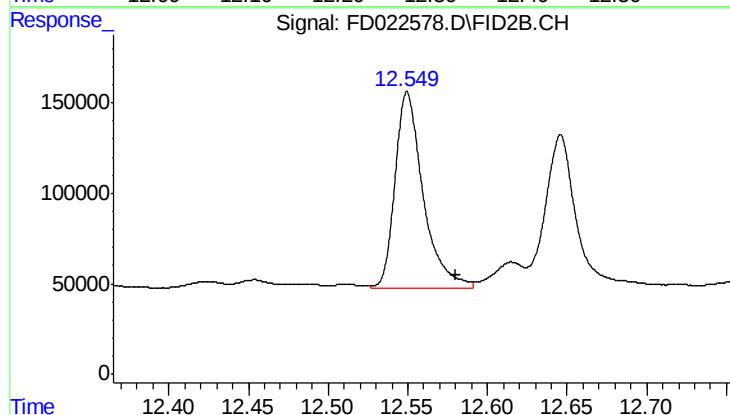
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.022 min
Response: 145066
Conc: 1.53 ug/ml



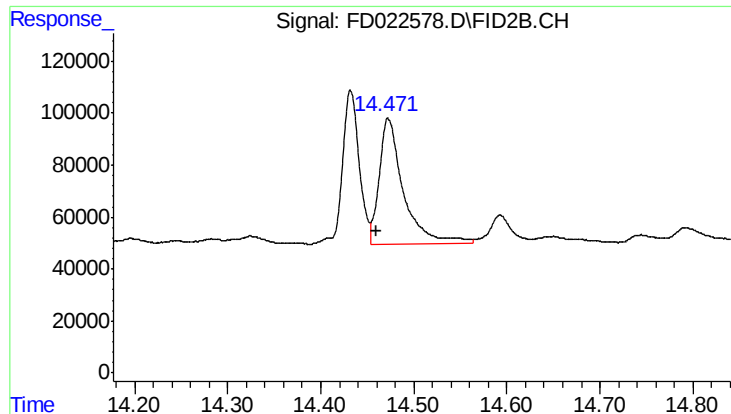
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.032 min
Response: 1595875
Conc: 15.91 ug/ml



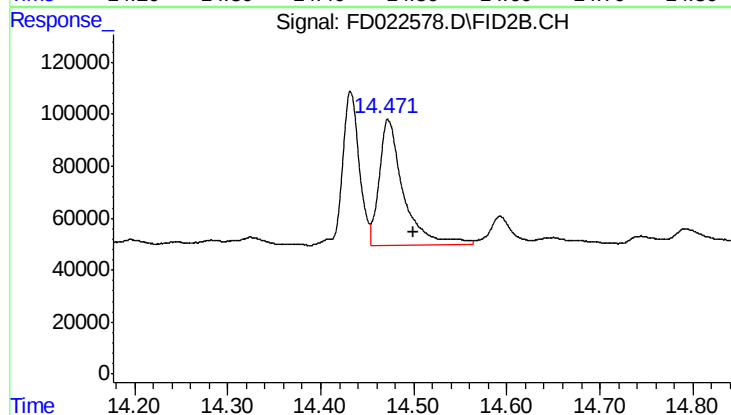
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.031 min
Response: 1322253
Conc: 13.01 ug/ml



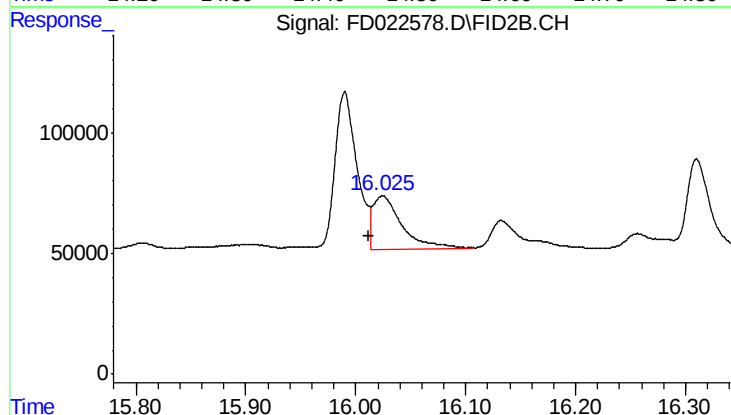
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.013 min
Response: 873784
Conc: 9.06 ug/ml



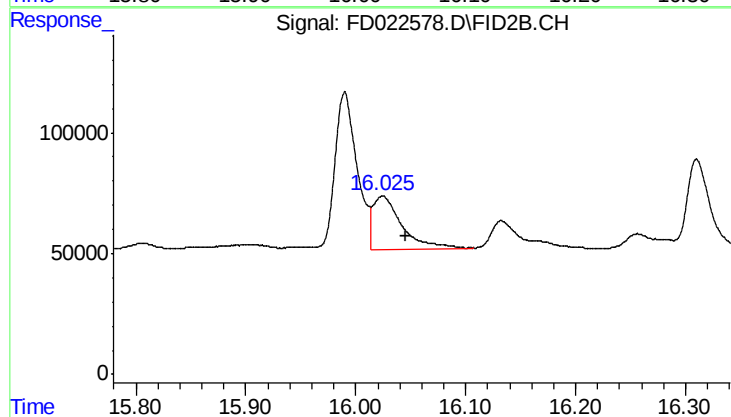
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.028 min
Response: 873784
Conc: 8.10 ug/ml



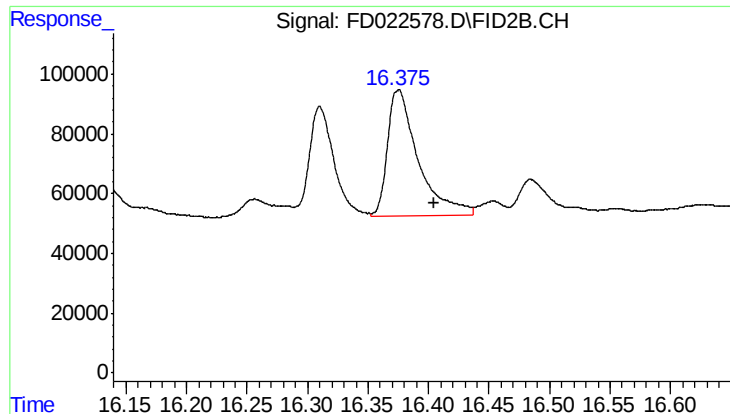
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.025 min
Delta R.T.: 0.013 min
Response: 417825
Conc: 4.16 ug/ml



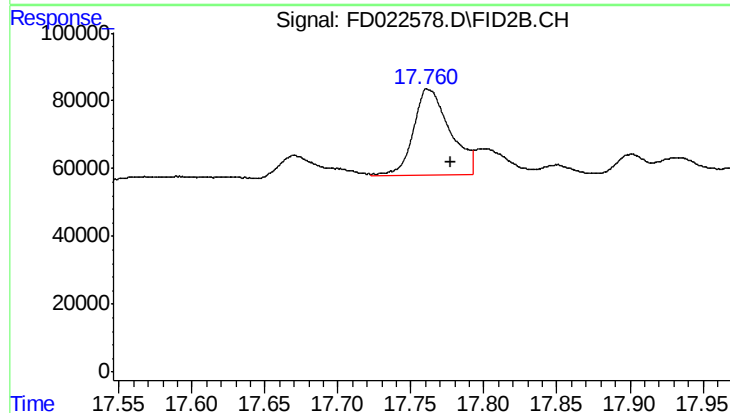
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.025 min
Delta R.T.: -0.021 min
Response: 417825
Conc: 3.68 ug/ml



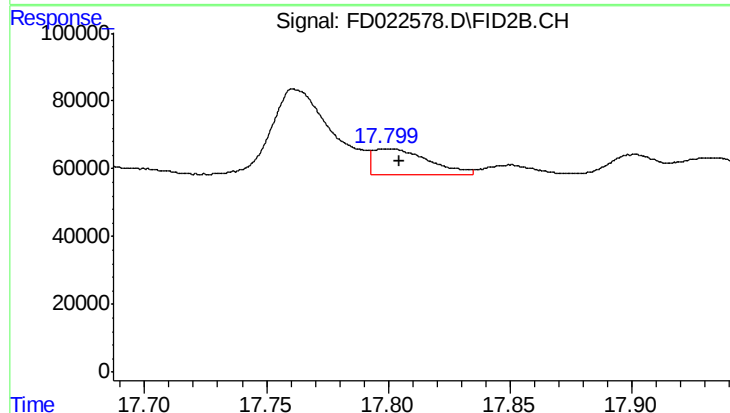
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.029 min
Response: 751898
Conc: 7.15 ug/ml



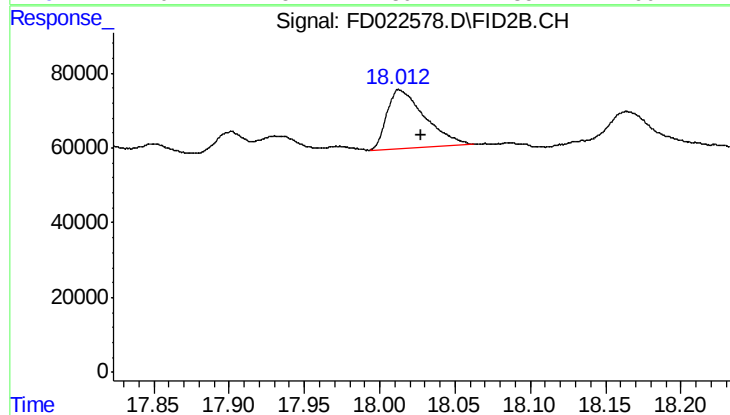
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.016 min
Response: 445391
Conc: 4.67 ug/ml



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

R.T.: 17.800 min
Delta R.T.: -0.004 min
Response: 122414
Conc: 1.08 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.015 min
Response: 272423
Conc: 2.62 ug/ml