

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020091.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 16:53
 Operator : UA/AJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 04:40:16 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:33:17 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...	7.355	394844	4.648 ug/ml
Spiked Amount 50.000		Recovery =	9.30%
6) S 2-Fluorobiphenyl (SURR)	8.225	186965	3.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.16%
11) S ortho-Terphenyl (SURR)	11.230	480241	5.136 ug/ml
Spiked Amount 50.000		Recovery =	10.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	431287	4.808 ug/ml
2) T Naphthalene (C11.7)	5.696	395749	4.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	402809	4.415 ug/ml
5) T Acenaphthylene (C15.06)	8.009	470762	4.941 ug/ml
7) T Acenaphthene (C15.5)	8.299	531030	5.236 ug/ml
8) T Fluorene (C16.55)	9.087	436848	4.634 ug/ml
9) T Phenanthrene (C19.36)	10.480	428933	4.585 ug/ml
10) T Anthracene (C19.43)	10.559	458931	4.814 ug/ml
12) T Fluoranthene (C21.85)	12.288	485138	4.827 ug/ml
13) T Pyrene (C20.8)	12.580	505566	5.035 ug/ml
14) T Benzo[alanthracene (C...	14.459	419091	4.271 ug/ml
15) T Chrysene (C27.41)	14.500	581086	5.459 ug/ml
16) T benzo[blfluoranthene ...	16.012	447709	4.410 ug/mlm
17) T Bnezo[klfluoranthene ...	16.046	605954	5.403 ug/ml
18) T Benzo[alpyrene (C31.34)	16.404	509662	4.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	402964	4.303 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.805	624752	5.478 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.028	503707	4.877 ug/ml

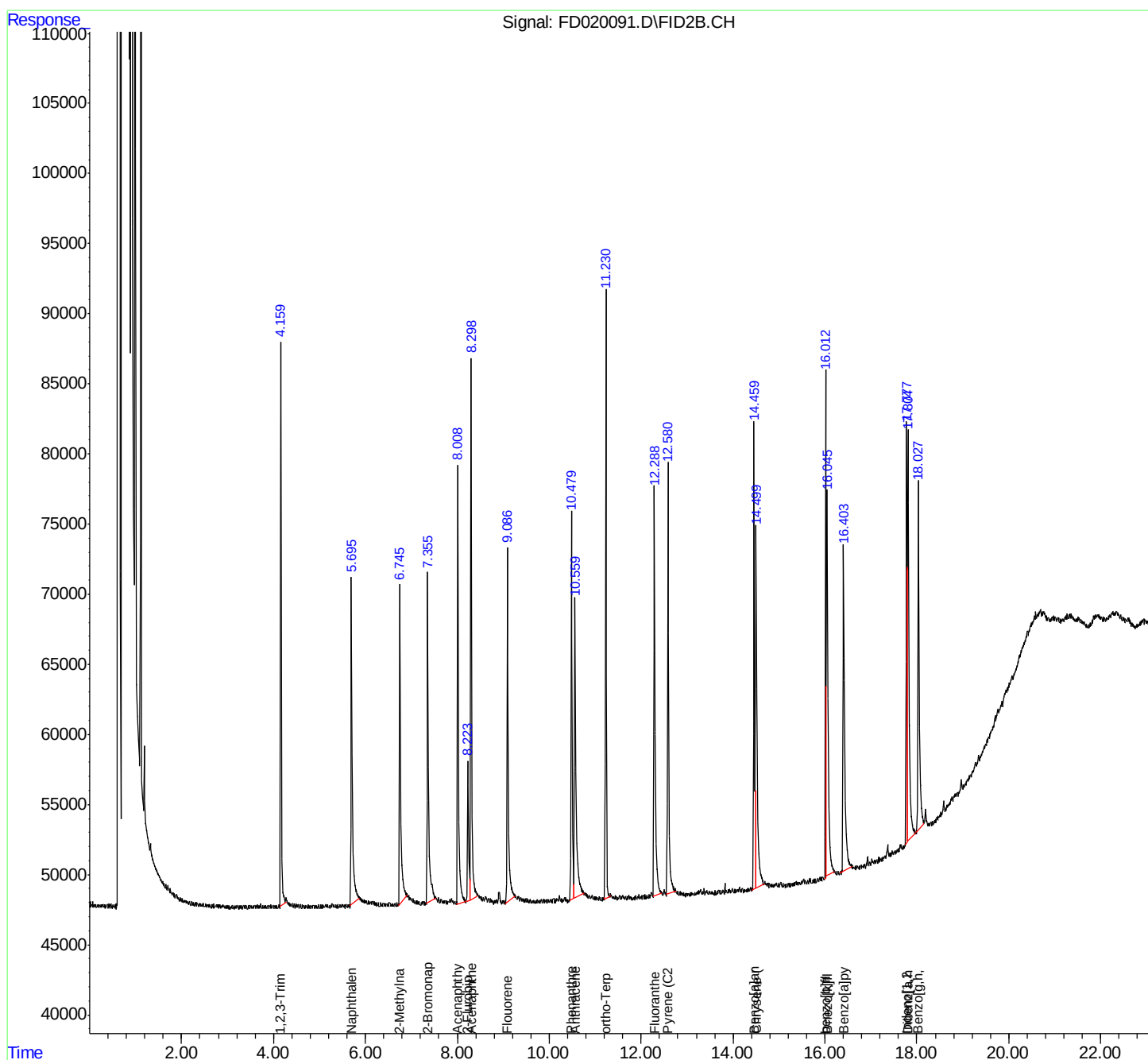
(f)=RT Delta > 1/2 Window

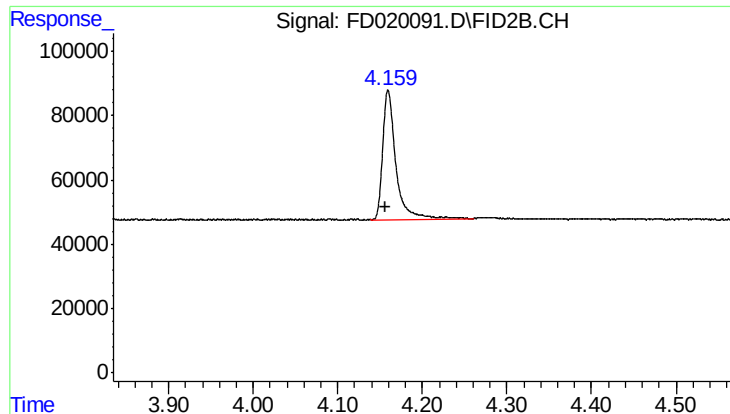
(m)=manual int.

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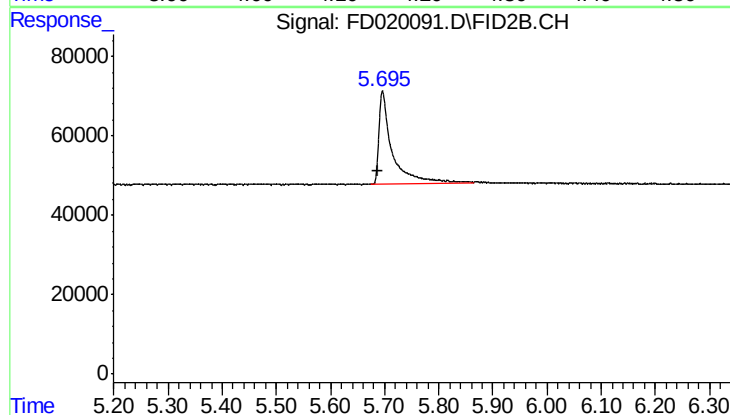
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Signal Info : 20M x 0.18mm x 0.18µm





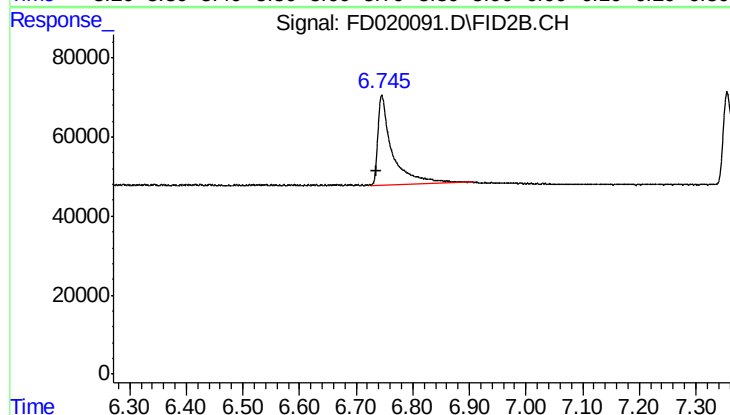
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: 0.004 min
Response: 431287
Conc: 4.81 ug/ml



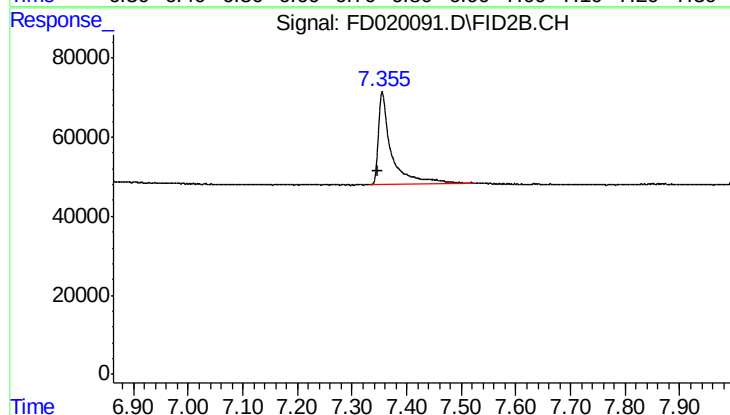
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: 0.009 min
Response: 395749
Conc: 4.37 ug/ml



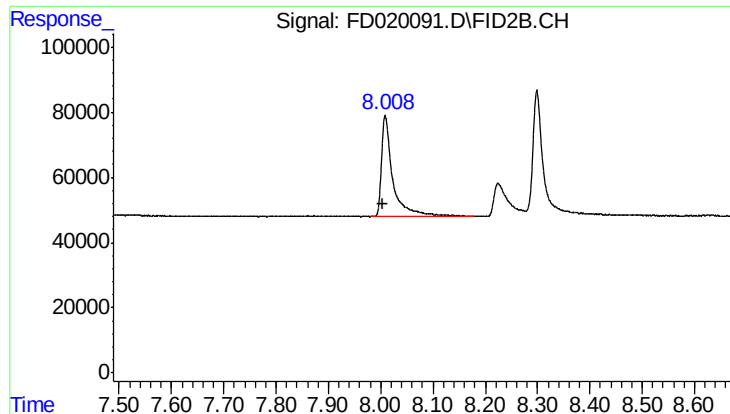
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.009 min
Response: 402809
Conc: 4.41 ug/ml



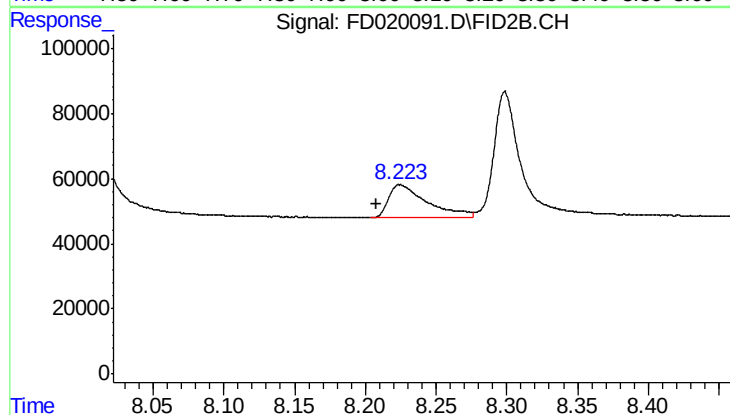
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: 0.007 min
Response: 394844
Conc: 4.65 ug/ml



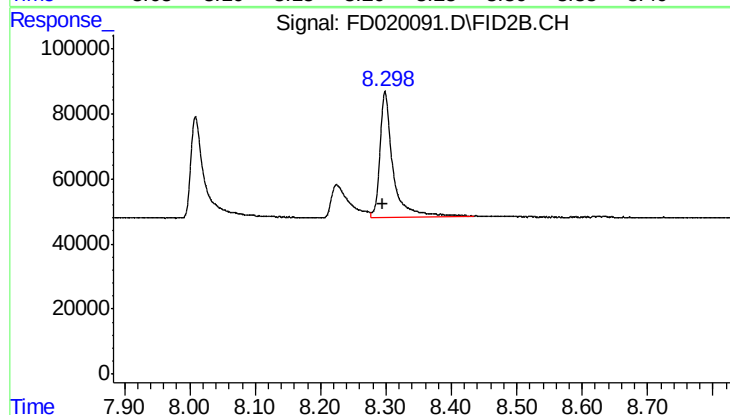
#5 Acenaphthylene (C15.06)

R.T.: 8.009 min
Delta R.T.: 0.005 min
Response: 470762
Conc: 4.94 ug/ml



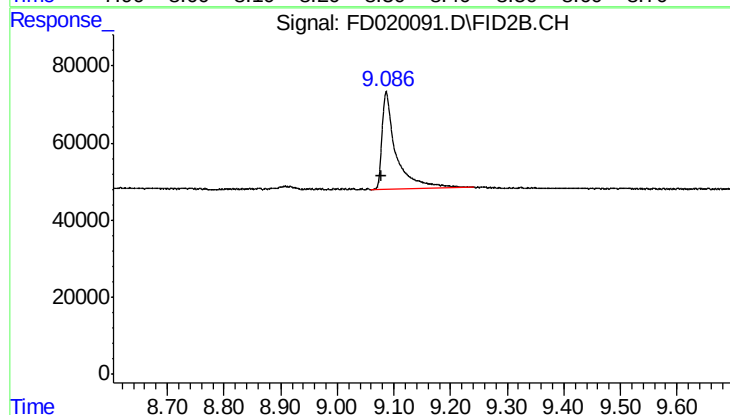
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.225 min
Delta R.T.: 0.017 min
Response: 186965
Conc: 3.58 ug/ml



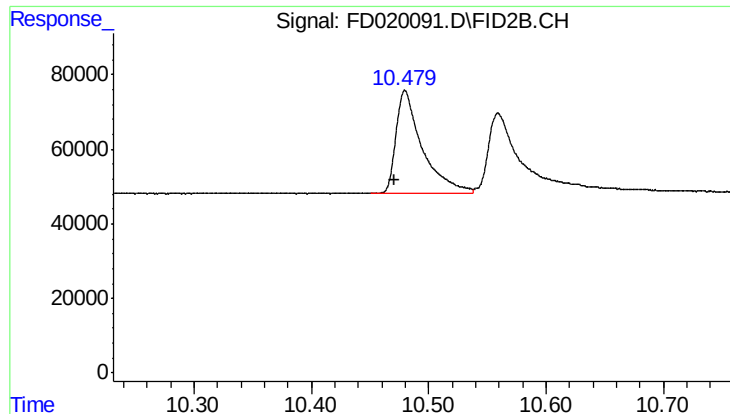
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 531030
Conc: 5.24 ug/ml



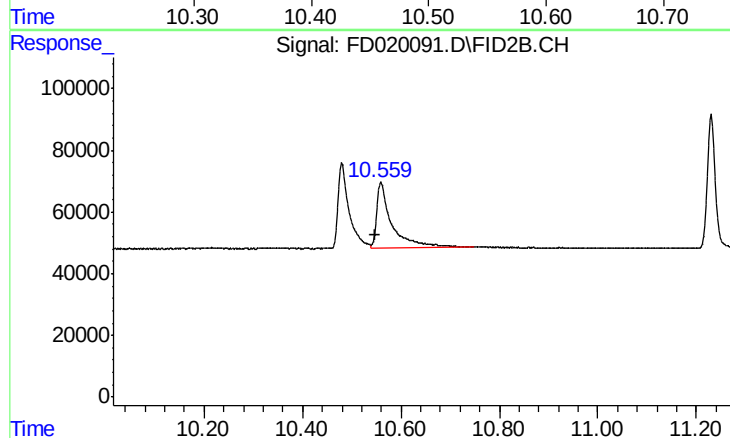
#8 Fluorene (C16.55)

R.T.: 9.087 min
Delta R.T.: 0.008 min
Response: 436848
Conc: 4.63 ug/ml



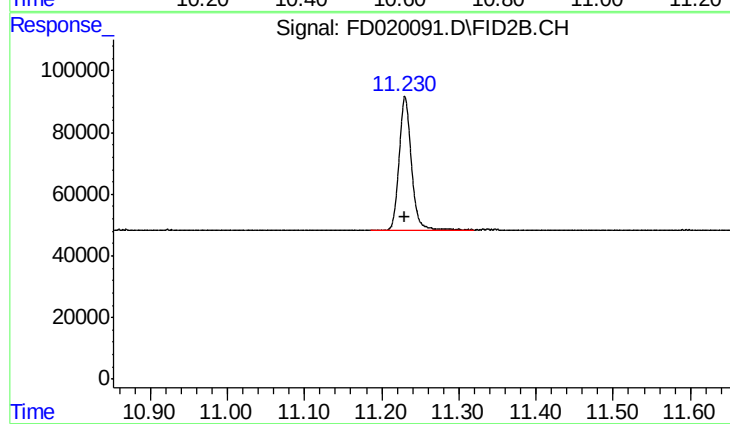
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.009 min
Response: 428933
Conc: 4.59 ug/ml



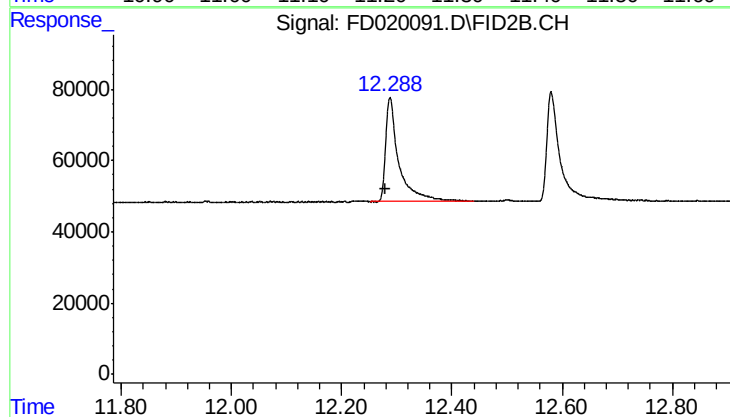
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: 0.013 min
Response: 458931
Conc: 4.81 ug/ml



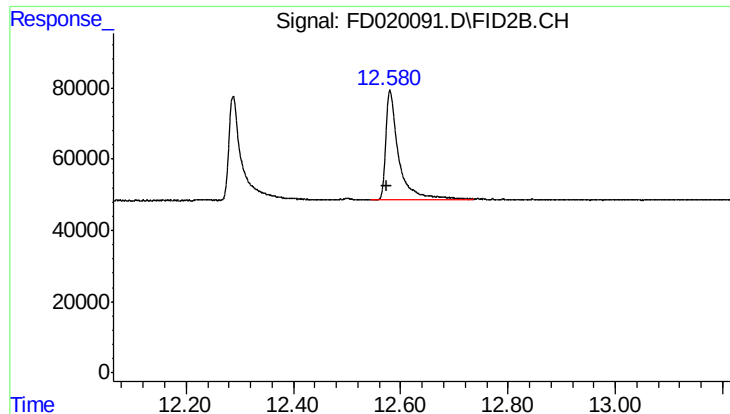
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 480241
Conc: 5.14 ug/ml



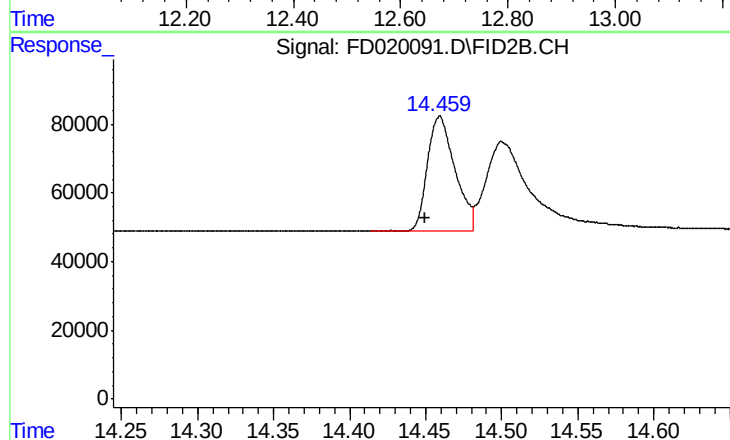
#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: 0.009 min
Response: 485138
Conc: 4.83 ug/ml



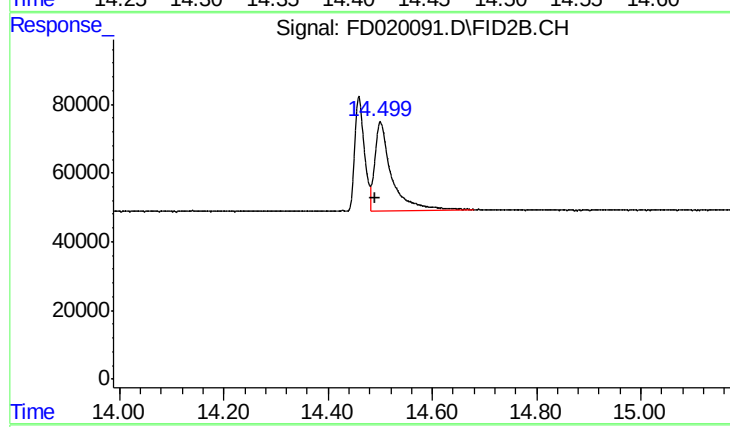
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: 0.007 min
Response: 505566
Conc: 5.04 ug/ml



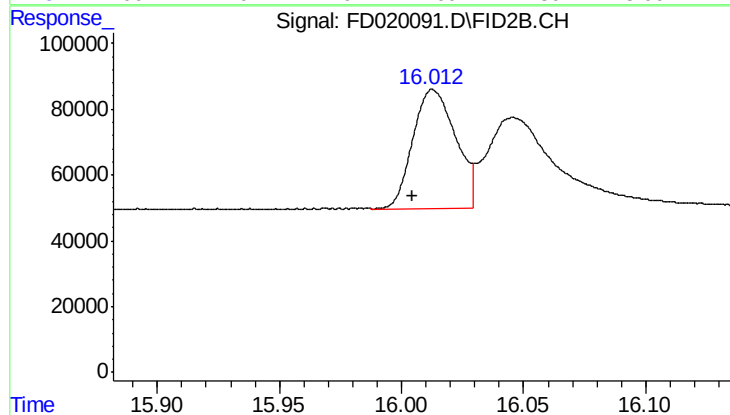
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: 0.010 min
Response: 419091
Conc: 4.27 ug/ml



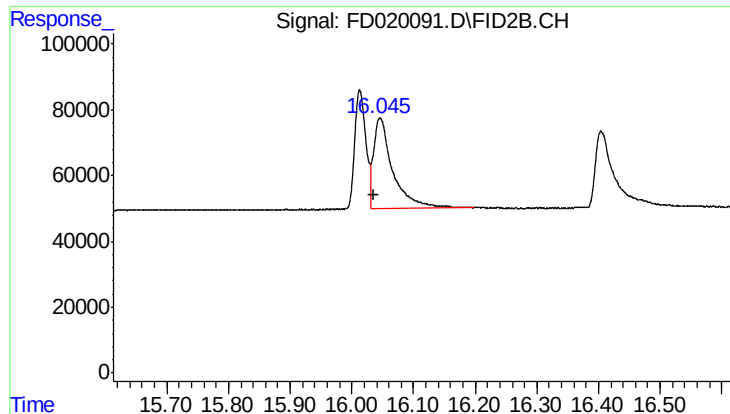
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.009 min
Response: 581086
Conc: 5.46 ug/ml



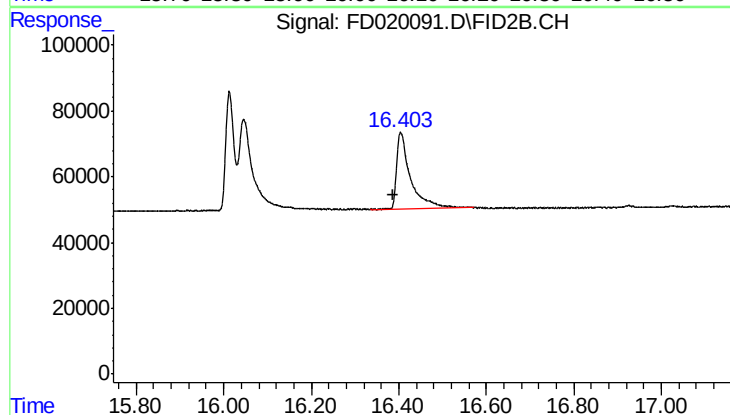
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.012 min
Delta R.T.: 0.008 min
Response: 447709
Conc: 4.41 ug/ml m



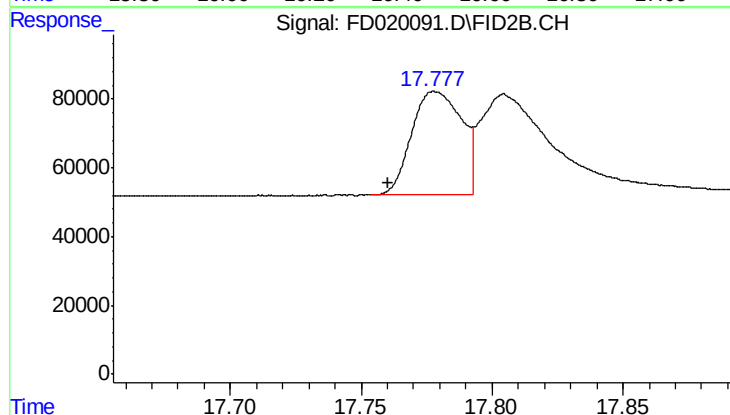
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.046 min
Delta R.T.: 0.011 min
Response: 605954
Conc: 5.40 ug/ml



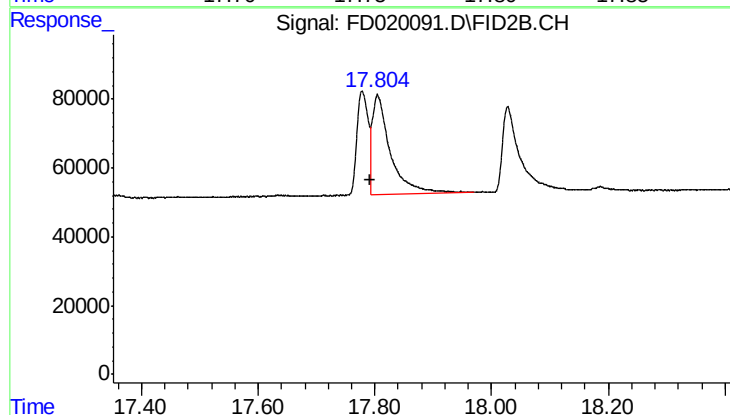
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: 0.018 min
Response: 509662
Conc: 4.90 ug/ml



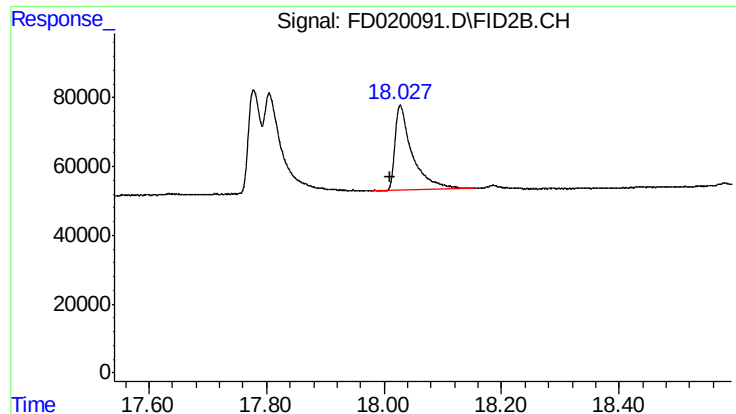
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: 0.017 min
Response: 402964
Conc: 4.30 ug/ml m



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

R.T.: 17.805 min
Delta R.T.: 0.012 min
Response: 624752
Conc: 5.48 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.017 min
Response: 503707
Conc: 4.88 ug/ml