

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043438.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 12:42
 Operator : YP/AJ
 Sample : PB146624BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:26:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.622	5828532	41.205 ug/ml
Spiked Amount 50.000		Recovery =	82.41%
6) S 2-Fluorobiphenyl (SURR)	8.486	2343992	24.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.31%
11) S ortho-Terphenyl (SURR)	11.533	5479131	32.327 ug/ml
Spiked Amount 50.000		Recovery =	64.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	2730294	17.408 ug/mlm
2) T Naphthalene (C11.7)	5.956	3771606	23.326 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	4158362	28.400 ug/ml
5) T Acenaphthylene (C15.06)	8.290	5050244	31.109 ug/ml
7) T Acenaphthene (C15.5)	8.586	4855858	30.035 ug/ml
8) T Fluorene (C16.55)	9.368	5734418	36.596 ug/ml
9) T Phenanthrene (C19.36)	10.767	5693103	36.326 ug/ml
10) T Anthracene (C19.43)	10.843	5597230	36.342 ug/ml
12) T Fluoranthene (C21.85)	12.583	5625469	35.518 ug/ml
13) T Pyrene (C20.8)	12.880	5563905	35.403 ug/ml
14) T Benzo[a]anthracene (C...	14.755	5299600	35.922 ug/ml
15) T Chrysene (C27.41)	14.799	5902230	37.772 ug/ml
16) T benzo[b]fluoranthene ...	16.309	5325645	35.603 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	5197957	34.641 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.688	4655963	32.940 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	4955016	41.926 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	4621748	32.584 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.313	4716130	36.266 ug/ml

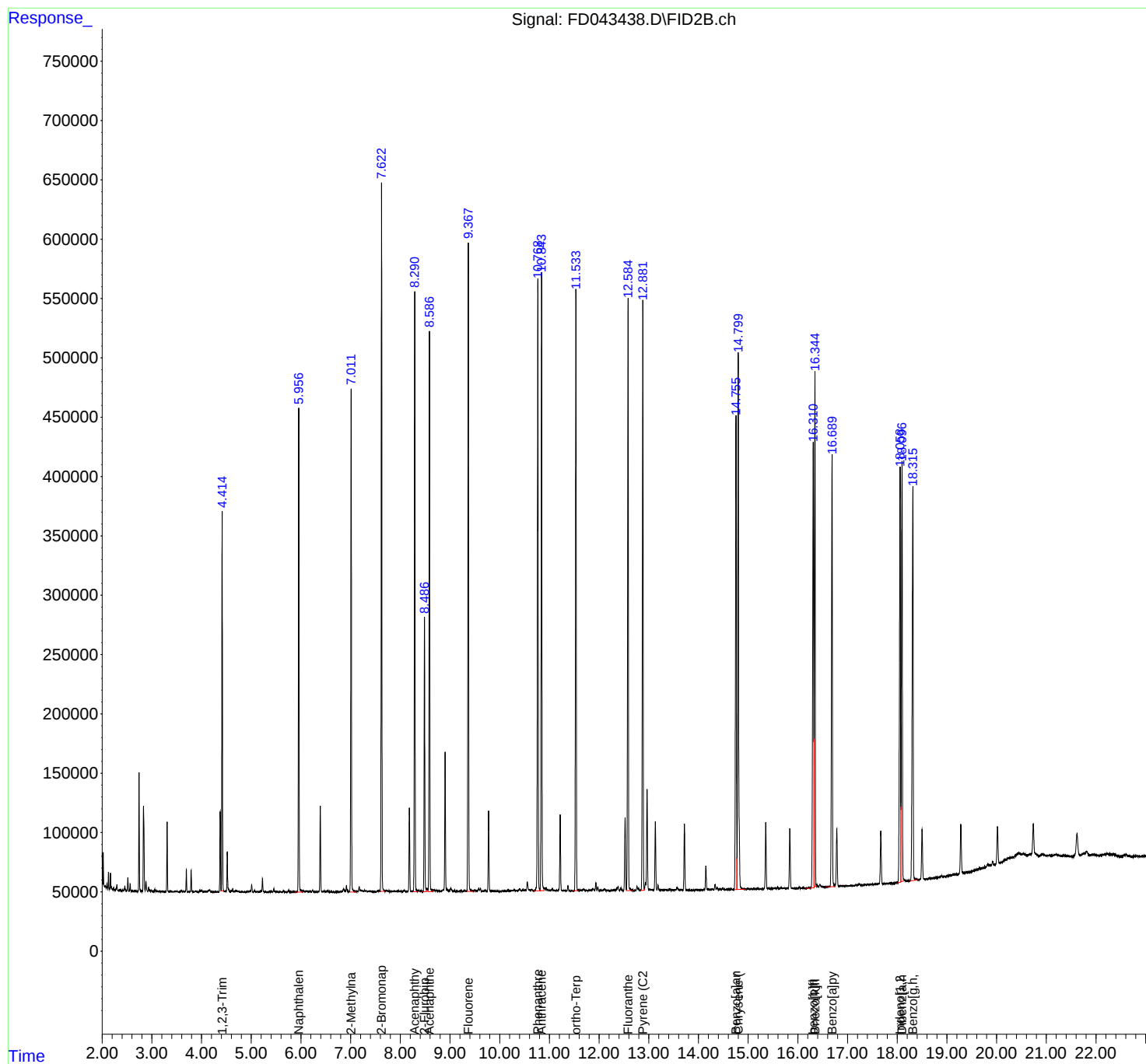
(f)=RT Delta > 1/2 Window

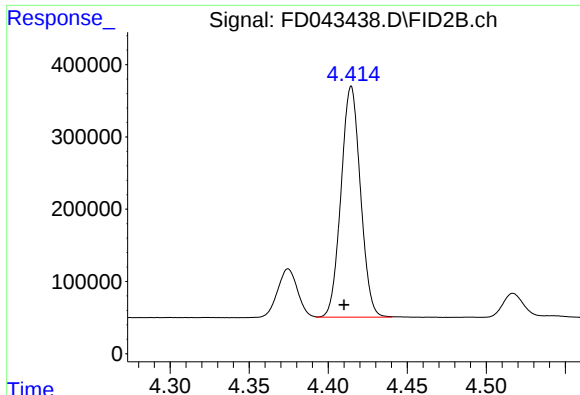
(m)=manual int.

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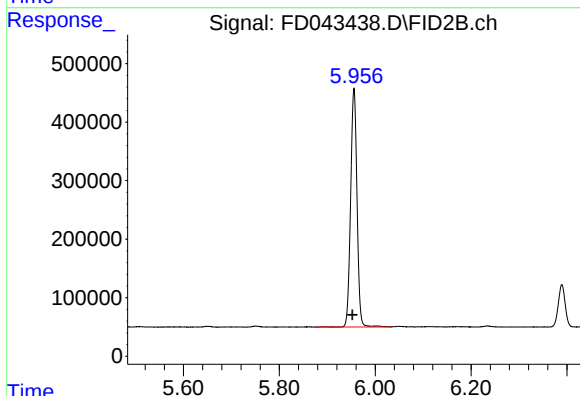
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





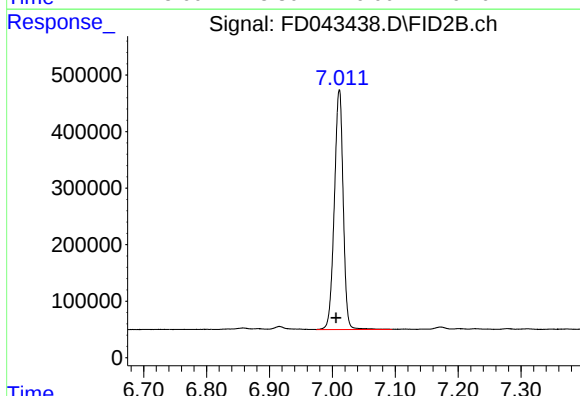
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: 0.004 min
Response: 2730294
Conc: 17.41 ug/ml m



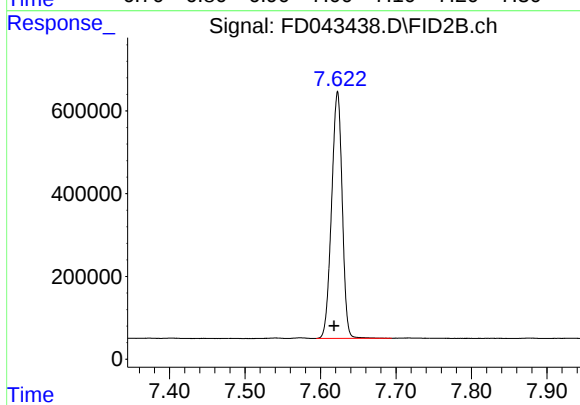
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.004 min
Response: 3771606
Conc: 23.33 ug/ml



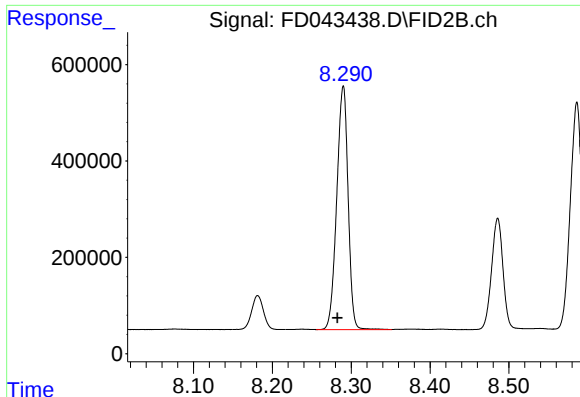
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 4158362
Conc: 28.40 ug/ml



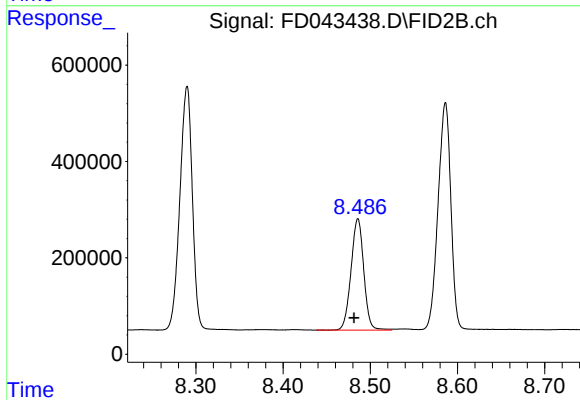
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 5828532
Conc: 41.21 ug/ml



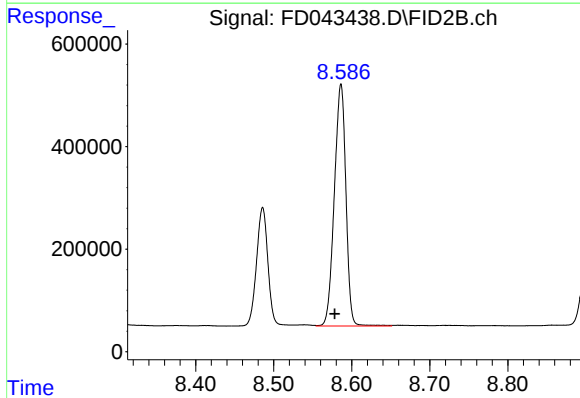
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: 0.007 min
Response: 5050244
Conc: 31.11 ug/ml



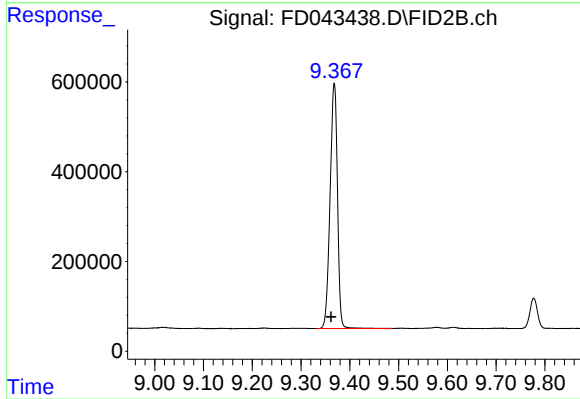
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: 0.004 min
Response: 2343992
Conc: 24.66 ug/ml



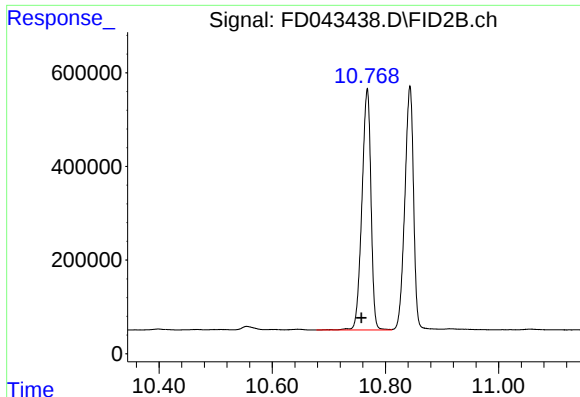
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: 0.008 min
Response: 4855858
Conc: 30.04 ug/ml



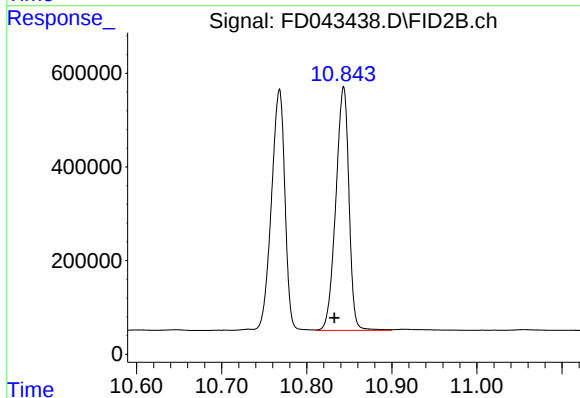
#8 Flouorene (C16.55)

R.T.: 9.368 min
Delta R.T.: 0.007 min
Response: 5734418
Conc: 36.60 ug/ml



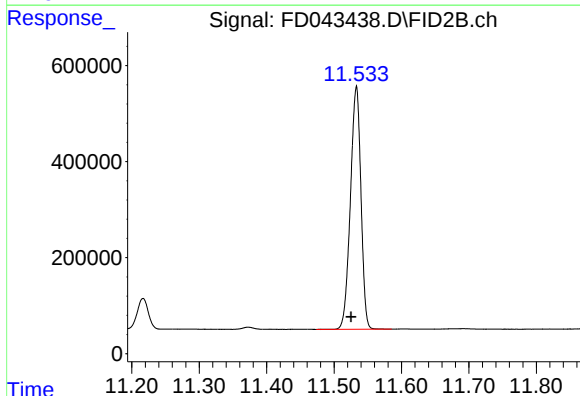
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: 0.010 min
Response: 5693103
Conc: 36.33 ug/ml



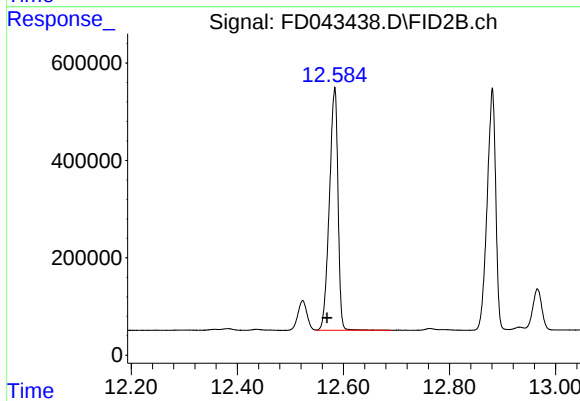
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.011 min
Response: 5597230
Conc: 36.34 ug/ml



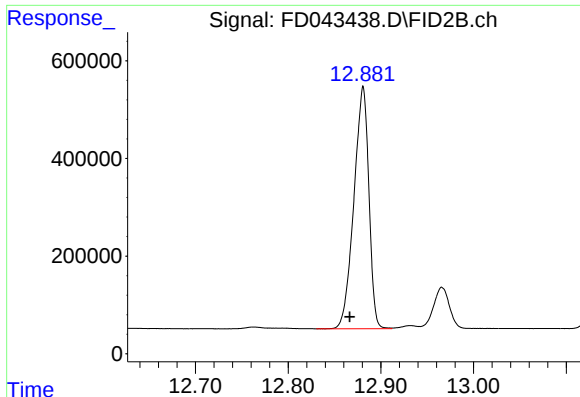
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.008 min
Response: 5479131
Conc: 32.33 ug/ml



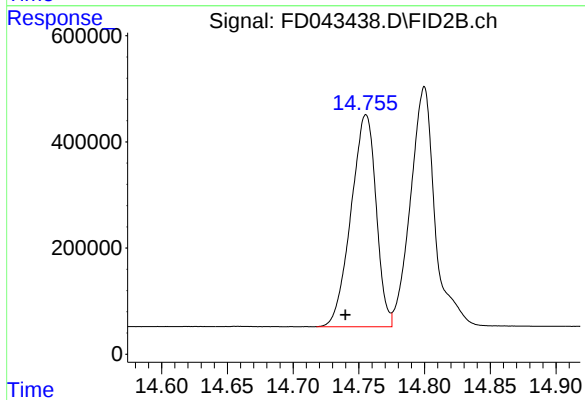
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: 0.014 min
Response: 5625469
Conc: 35.52 ug/ml



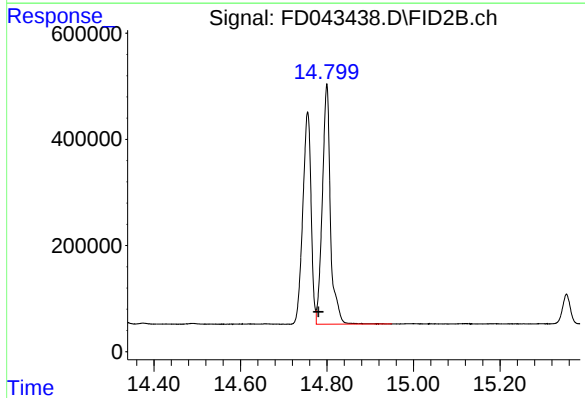
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.014 min
Response: 5563905
Conc: 35.40 ug/ml



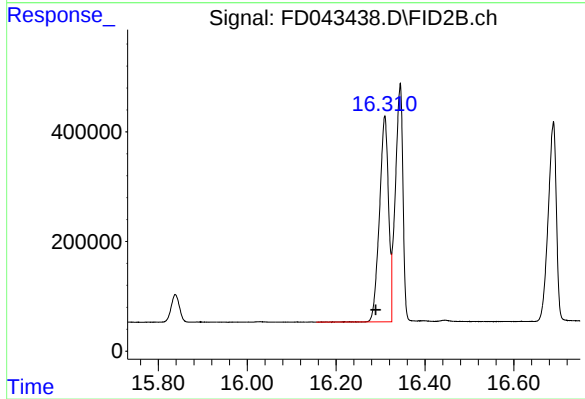
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: 0.015 min
Response: 5299600
Conc: 35.92 ug/ml



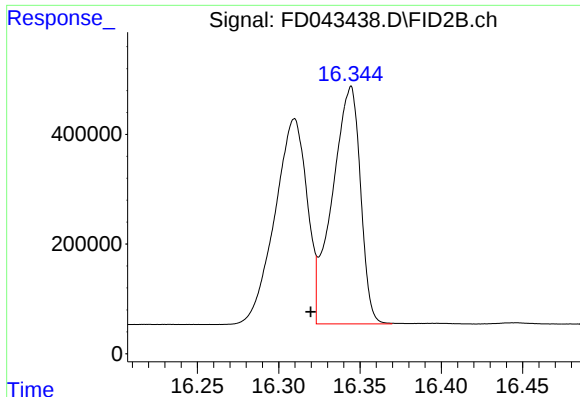
#15 Chrysene (C27.41)

R.T.: 14.799 min
Delta R.T.: 0.019 min
Response: 5902230
Conc: 37.77 ug/ml



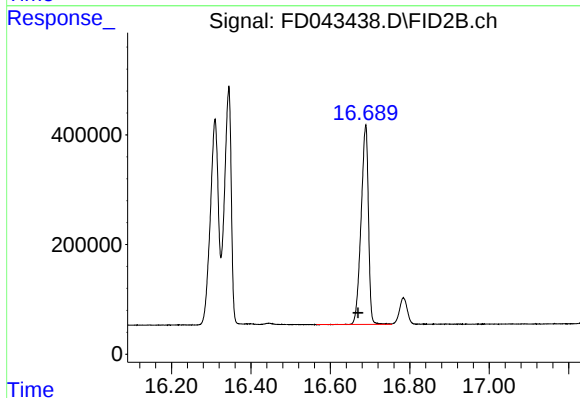
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.309 min
Delta R.T.: 0.021 min
Response: 5325645
Conc: 35.60 ug/ml



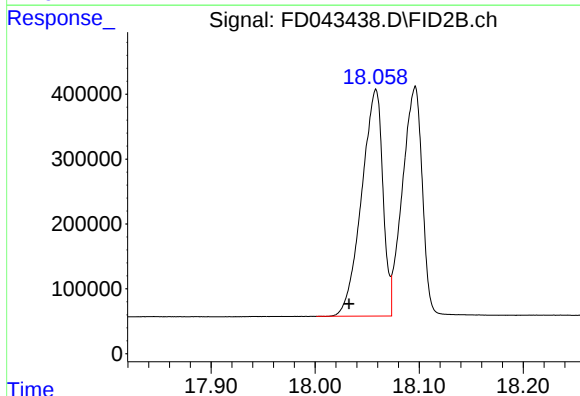
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: 0.025 min
Response: 5197957
Conc: 34.64 ug/ml m



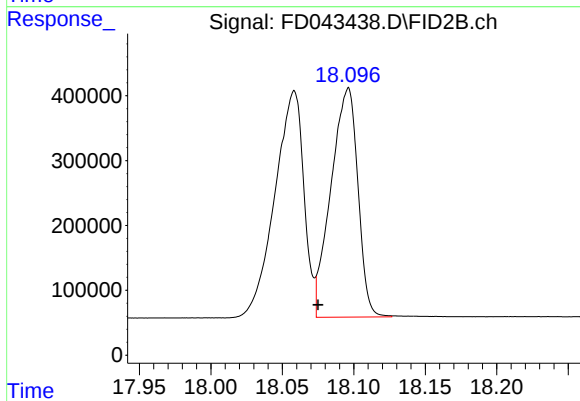
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.688 min
Delta R.T.: 0.019 min
Response: 4655963
Conc: 32.94 ug/ml



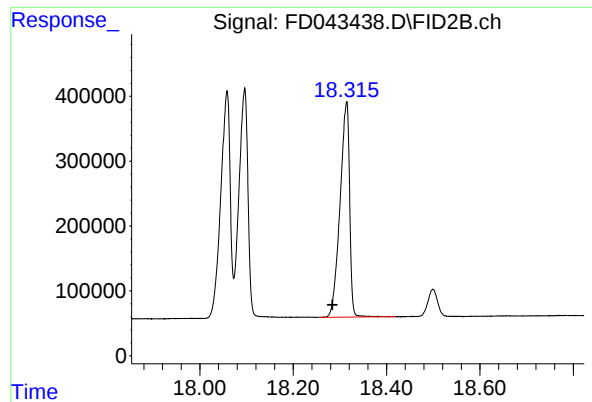
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: 0.025 min
Response: 4955016
Conc: 41.93 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.021 min
Response: 4621748
Conc: 32.58 ug/ml m



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

R.T.: 18.313 min
Delta R.T.: 0.029 min
Response: 4716130
Conc: 36.27 ug/ml