

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080522AR\
 Data File : FD043505.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2022 18:53
 Operator : YP/AJ
 Sample : PB146778BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:27:20 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...	7.615	5749605	40.647 ug/ml
Spiked Amount 50.000		Recovery =	81.29%
6) S 2-Fluorobiphenyl (SURR)	8.480	3865823	40.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.33%
11) S ortho-Terphenyl (SURR)	11.525	4920265	29.030 ug/ml
Spiked Amount 50.000		Recovery =	58.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	4340567	27.675 ug/ml
2) T Naphthalene (C11.7)	5.948	4932064	30.503 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	5066244	34.600 ug/ml
5) T Acenaphthylene (C15.06)	8.282	4942912	30.448 ug/ml
7) T Acenaphthene (C15.5)	8.578	5318721	32.898 ug/ml
8) T Flouorene (C16.55)	9.361	5262016	33.581 ug/ml
9) T Phenanthrene (C19.36)	10.759	5120737	32.674 ug/ml
10) T Anthracene (C19.43)	10.834	5040561	32.727 ug/ml
12) T Fluoranthene (C21.85)	12.573	4990286	31.507 ug/ml
13) T Pyrene (C20.8)	12.870	4962155	31.575 ug/ml
14) T Benzo[a]anthracene (C...	14.746	4662105	31.601 ug/ml
15) T Chrysene (C27.41)	14.789	5020610	32.130 ug/ml
16) T benzo[b]fluoranthene ...	16.299	4761719	31.833 ug/ml
17) T Bnezo[k]fluoranthene ...	16.332	4645362	30.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	4250155	30.069 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	4696175	39.736 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	4475056	31.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	4536182	34.882 ug/ml

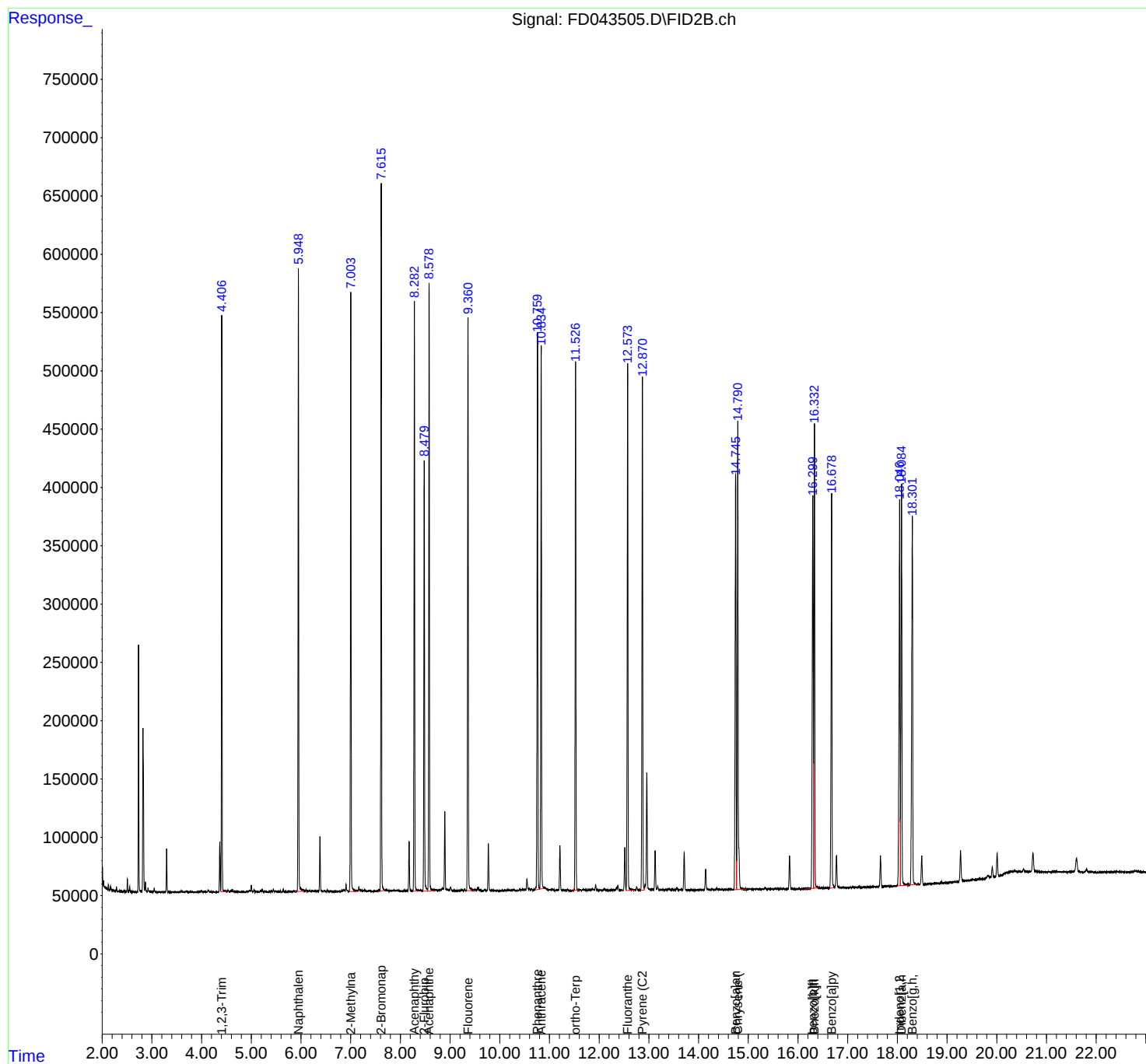
(f)=RT Delta > 1/2 Window

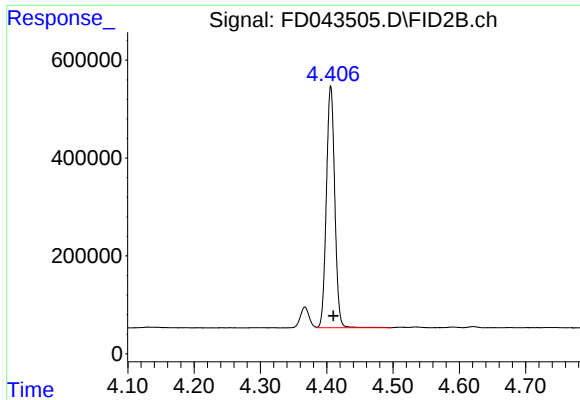
(m)=manual int.

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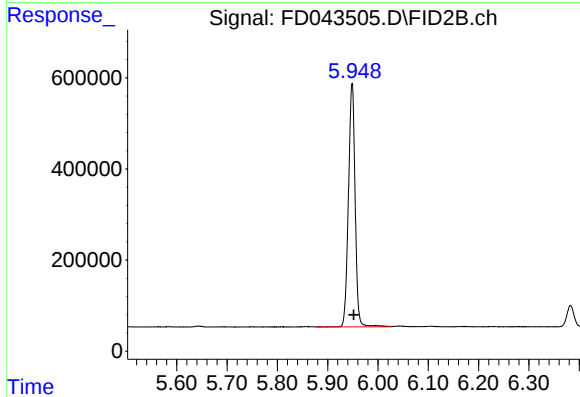
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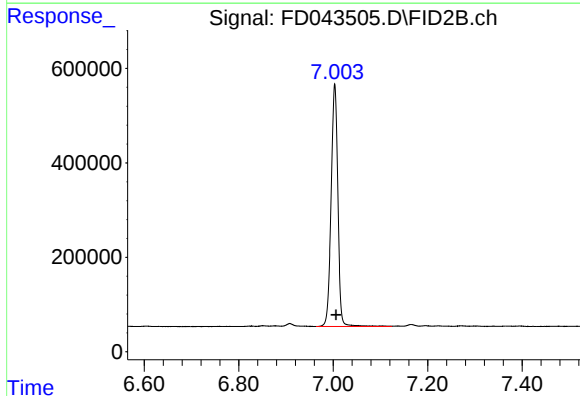
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.004 min
Response: 4340567
Conc: 27.68 ug/ml



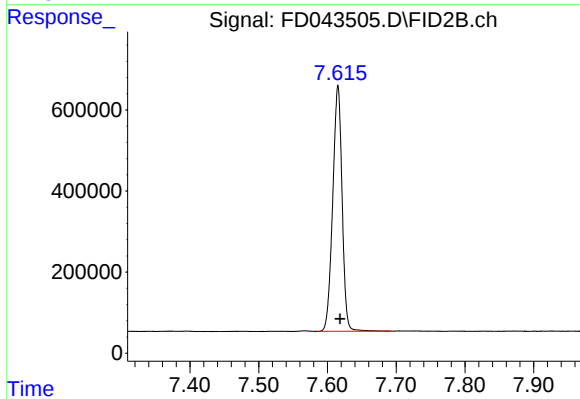
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 4932064
Conc: 30.50 ug/ml



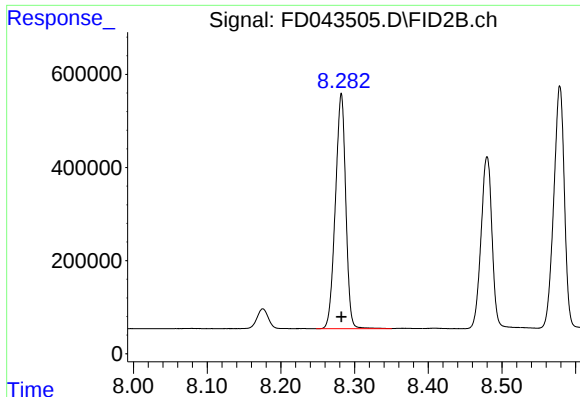
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 5066244
Conc: 34.60 ug/ml



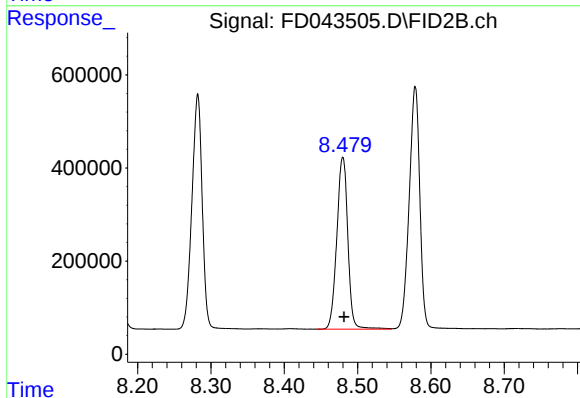
#4 2-Bromonaphthalene (SURR)

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 5749605
Conc: 40.65 ug/ml



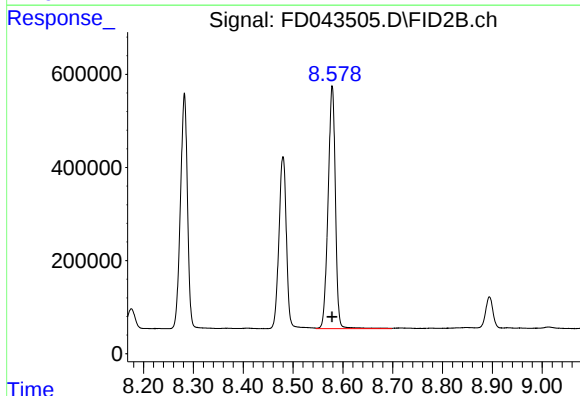
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 4942912
Conc: 30.45 ug/ml



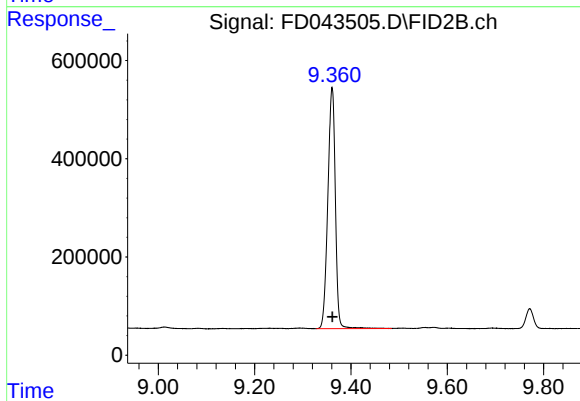
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 3865823
Conc: 40.66 ug/ml



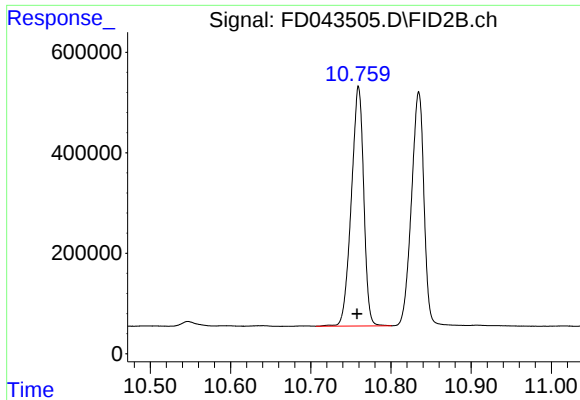
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 5318721
Conc: 32.90 ug/ml



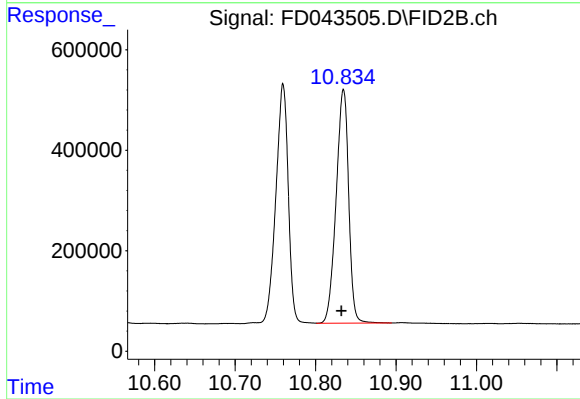
#8 Fluorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 5262016
Conc: 33.58 ug/ml



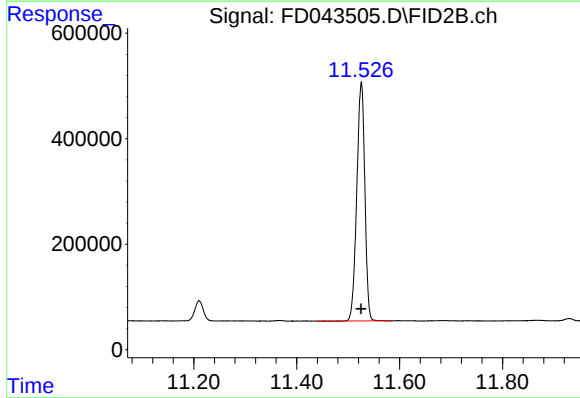
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: 0.002 min
Response: 5120737
Conc: 32.67 ug/ml



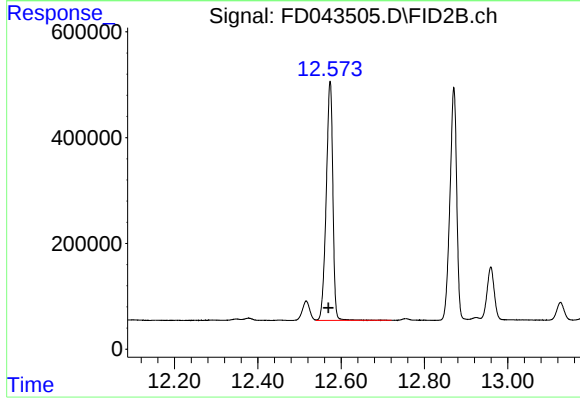
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: 0.002 min
Response: 5040561
Conc: 32.73 ug/ml



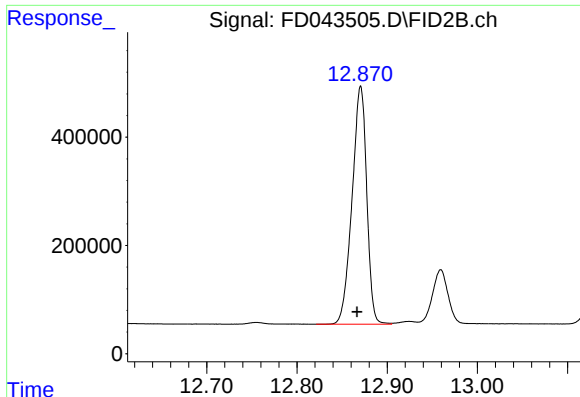
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.000 min
Response: 4920265
Conc: 29.03 ug/ml



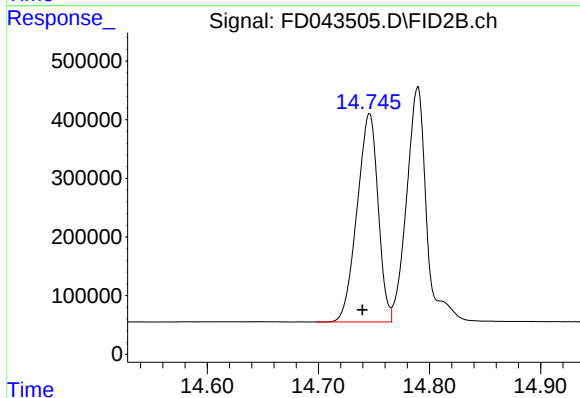
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: 0.004 min
Response: 4990286
Conc: 31.51 ug/ml



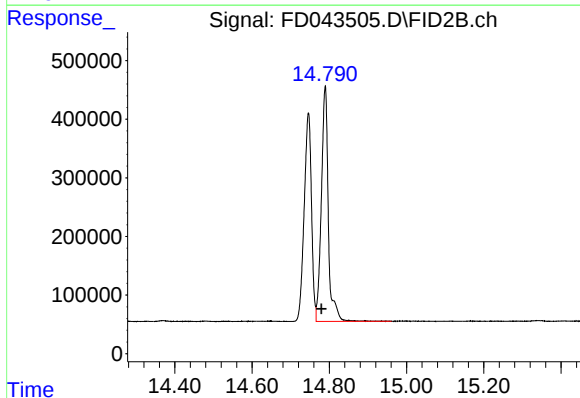
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: 0.004 min
Response: 4962155
Conc: 31.57 ug/ml



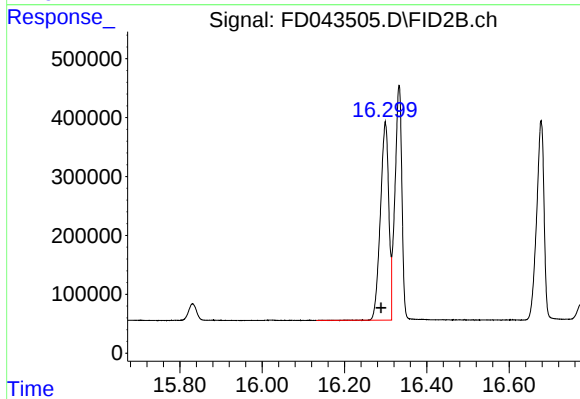
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 4662105
Conc: 31.60 ug/ml



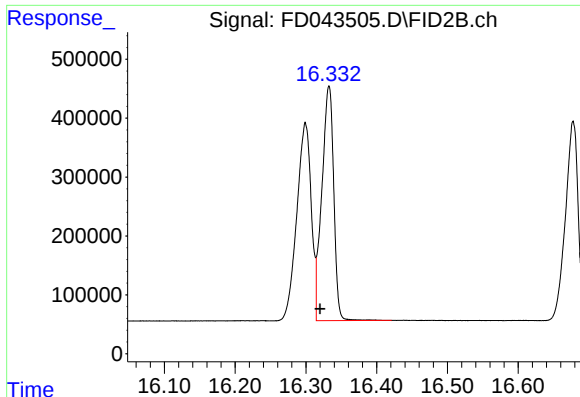
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.009 min
Response: 5020610
Conc: 32.13 ug/ml



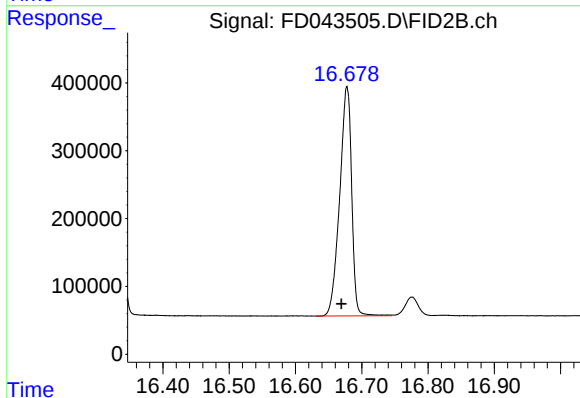
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.299 min
Delta R.T.: 0.010 min
Response: 4761719
Conc: 31.83 ug/ml



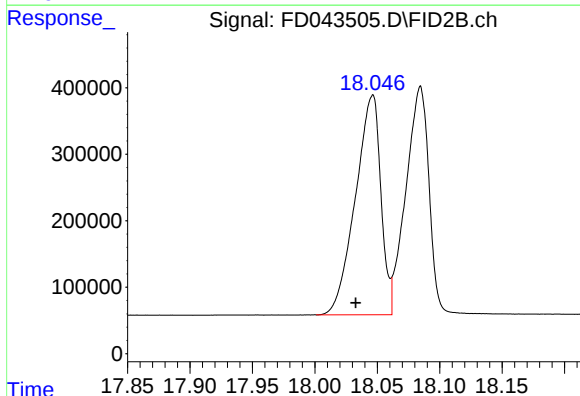
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: 0.012 min
Response: 4645362
Conc: 30.96 ug/ml



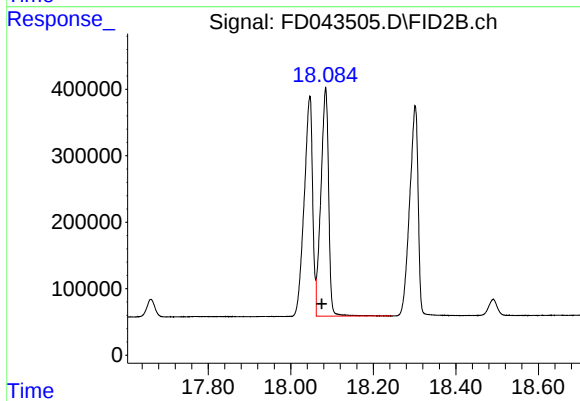
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: 0.008 min
Response: 4250155
Conc: 30.07 ug/ml



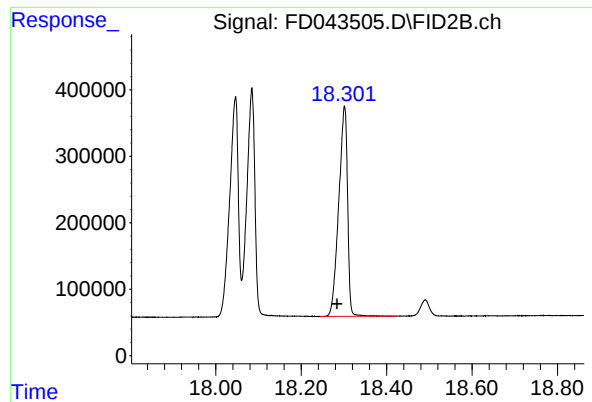
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: 0.013 min
Response: 4696175
Conc: 39.74 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.009 min
Response: 4475056
Conc: 31.55 ug/ml



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

R.T.: 18.301 min
Delta R.T.: 0.017 min
Response: 4536182
Conc: 34.88 ug/ml