

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070122AR\
 Data File : FD043149.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 08:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 02 04:02:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.628	3051365	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
6) S 2-Fluorobiphenyl (SURR)	8.490	2069877	19.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.25%
11) S ortho-Terphenyl (SURR)	11.535	3506177	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	3463488	20.622 ug/ml
2) T Naphthalene (C11.7)	5.965	3549607	20.275 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3233506	20.103 ug/ml
5) T Acenaphthylene (C15.06)	8.294	3434009	19.320 ug/ml
7) T Acenaphthene (C15.5)	8.590	3463558	19.779 ug/ml
8) T Fluorene (C16.55)	9.371	3378430	19.490 ug/ml
9) T Phenanthrene (C19.36)	10.768	3281421	19.132 ug/ml
10) T Anthracene (C19.43)	10.842	3037741	17.880 ug/ml
12) T Fluoranthene (C21.85)	12.580	3103438	18.504 ug/ml
13) T Pyrene (C20.8)	12.876	3004935	18.439 ug/mlm
14) T Benzo[a]anthracene (C...	14.748	2821025	18.165 ug/ml
15) T Chrysene (C27.41)	14.791	2922381	18.516 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2925695	19.193 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.331	2803077	19.152 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	2760940	19.303 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	2566347	20.508 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	2939576	21.866 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	2735215	20.971 ug/ml

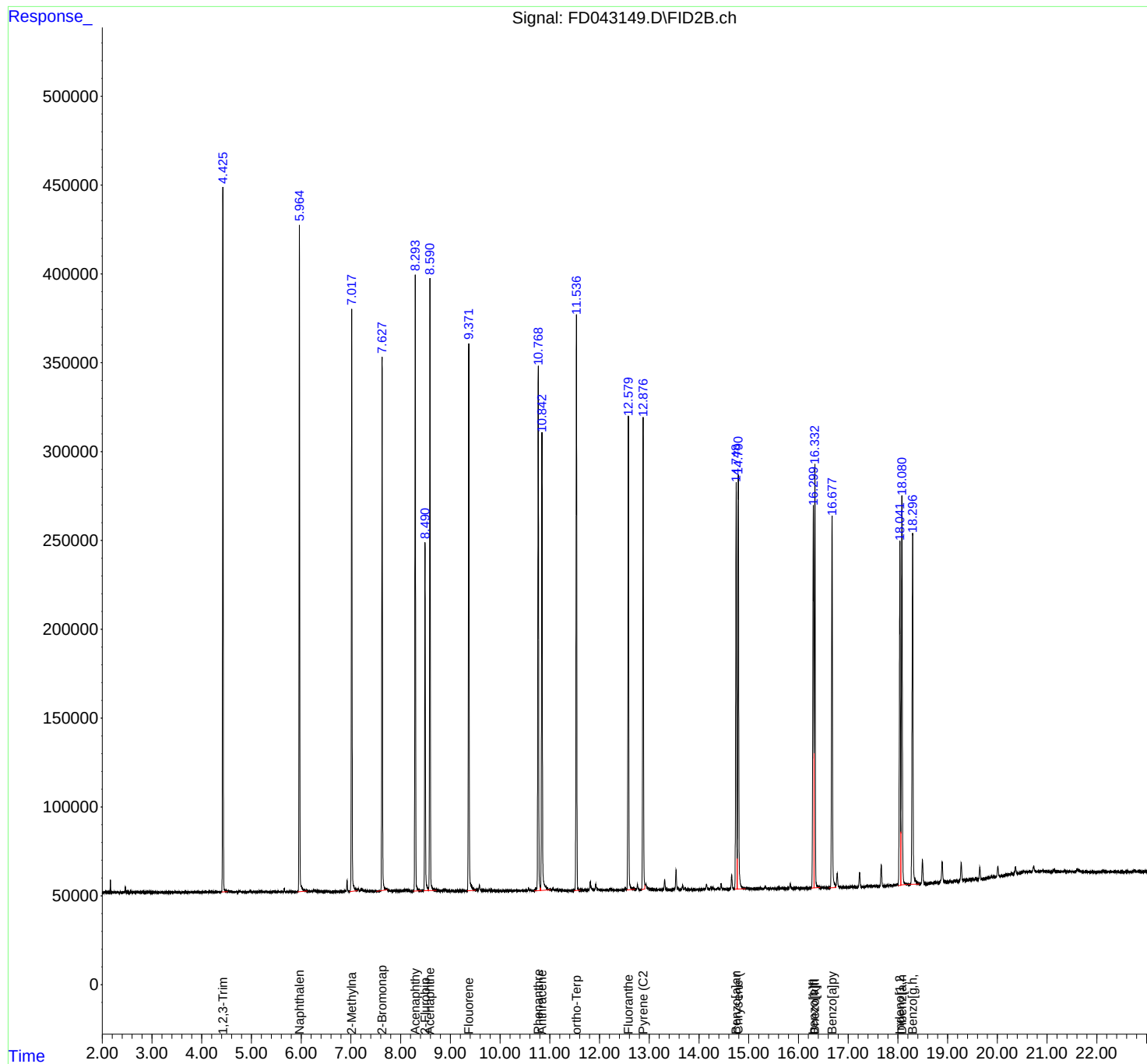
(f)=RT Delta > 1/2 Window

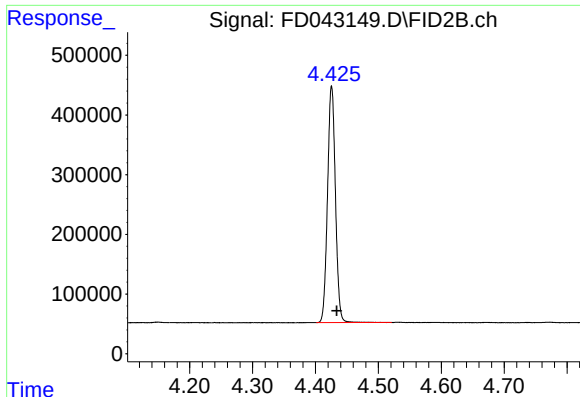
(m)=manual int.

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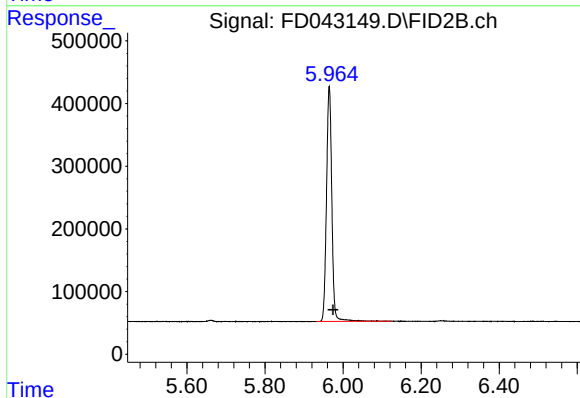
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Signal Info : 20M x 0.18mm x 0.18µm





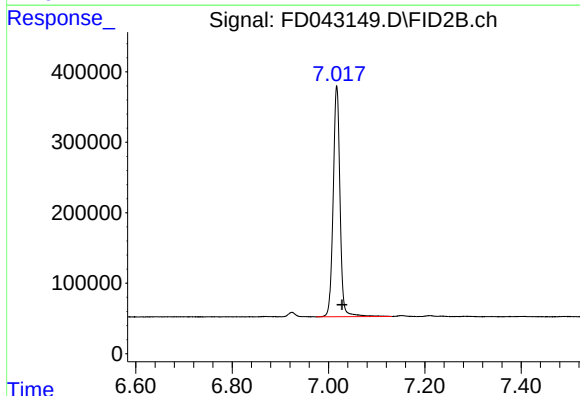
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 3463488
Conc: 20.62 ug/ml



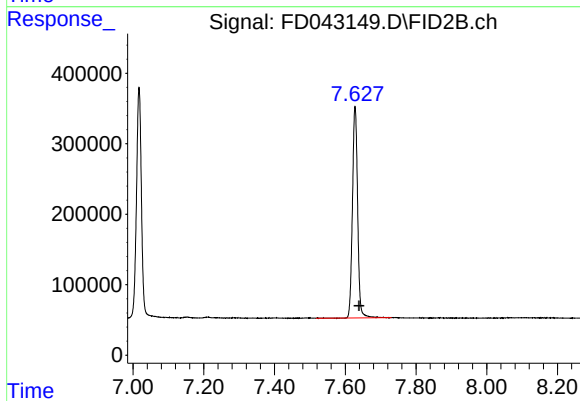
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 3549607
Conc: 20.28 ug/ml



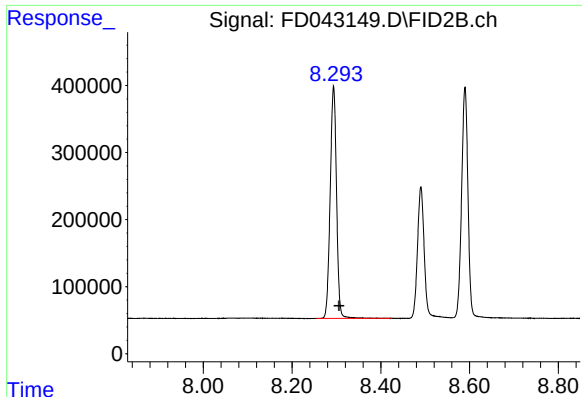
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 3233506
Conc: 20.10 ug/ml



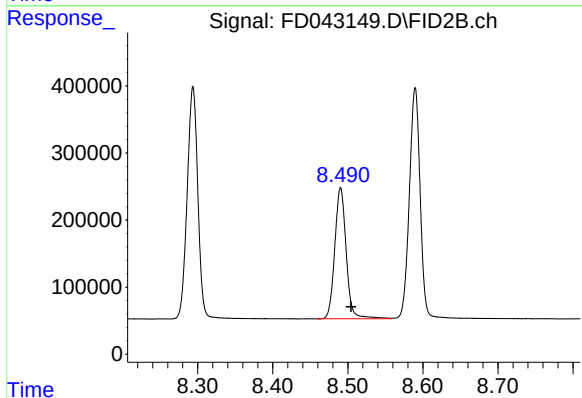
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 3051365
Conc: 19.76 ug/ml



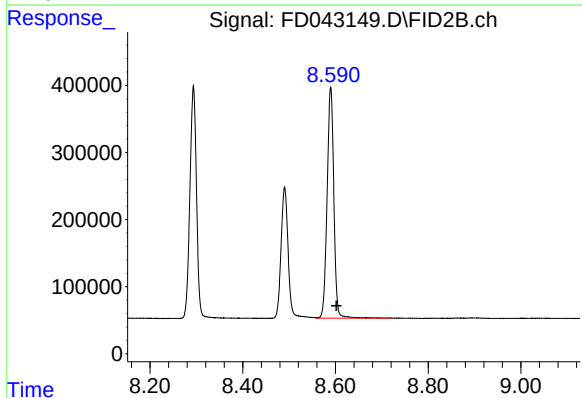
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.012 min
Response: 3434009
Conc: 19.32 ug/ml



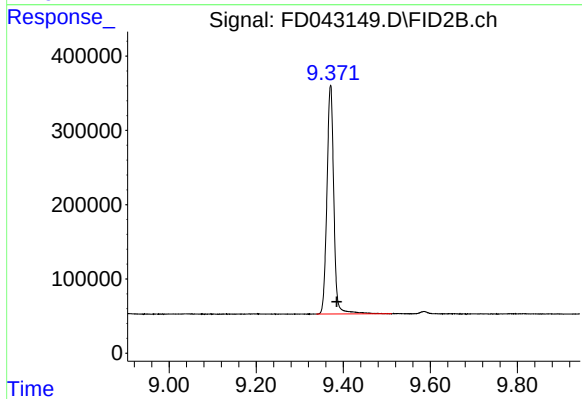
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 2069877
Conc: 19.62 ug/ml



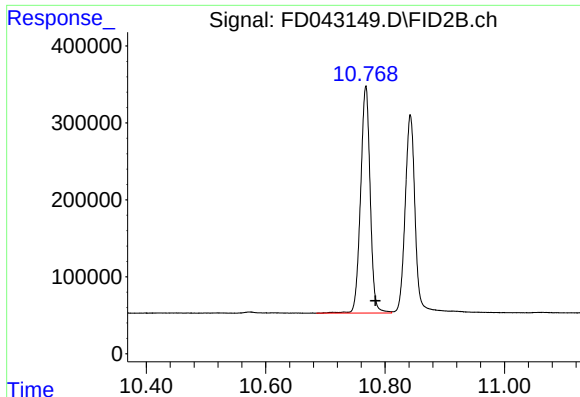
#7 Acenaphthene (C15.5)

R.T.: 8.590 min
Delta R.T.: -0.012 min
Response: 3463558
Conc: 19.78 ug/ml



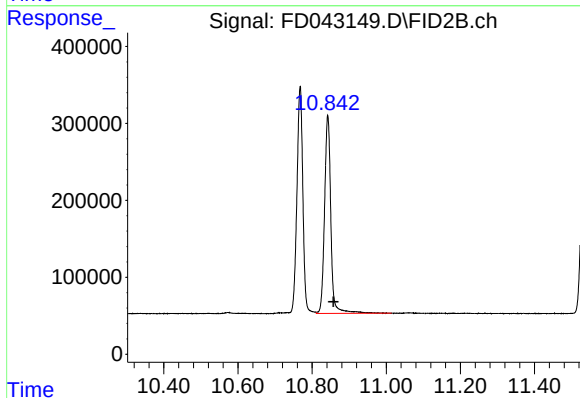
#8 Fluorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.014 min
Response: 3378430
Conc: 19.49 ug/ml



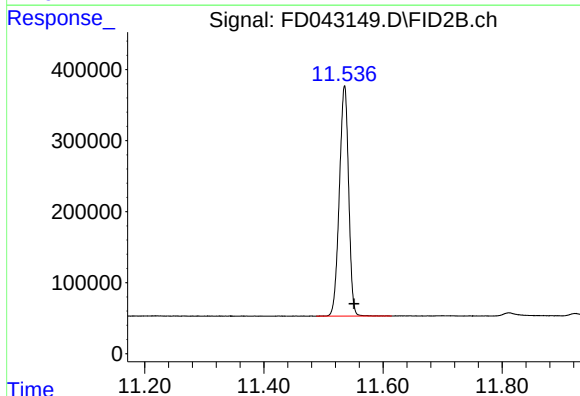
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.016 min
Response: 3281421
Conc: 19.13 ug/ml



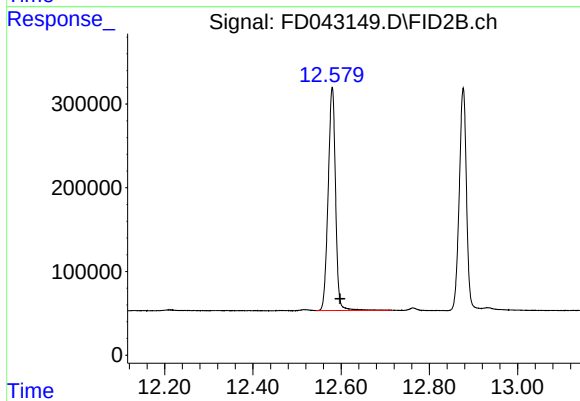
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 3037741
Conc: 17.88 ug/ml



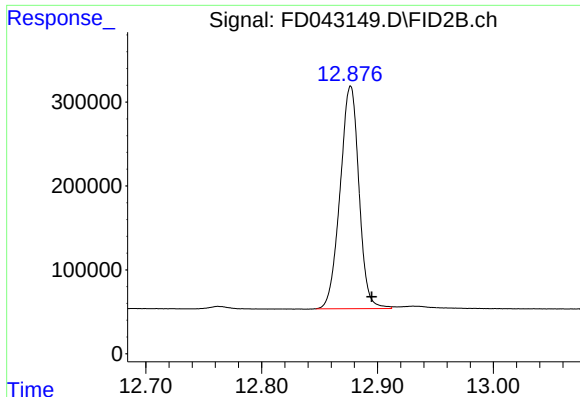
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 3506177
Conc: 19.29 ug/ml



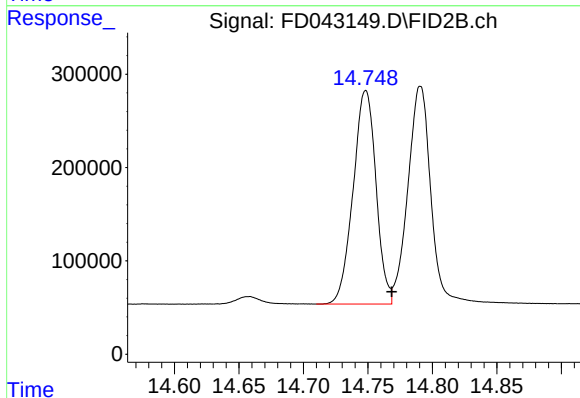
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 3103438
Conc: 18.50 ug/ml



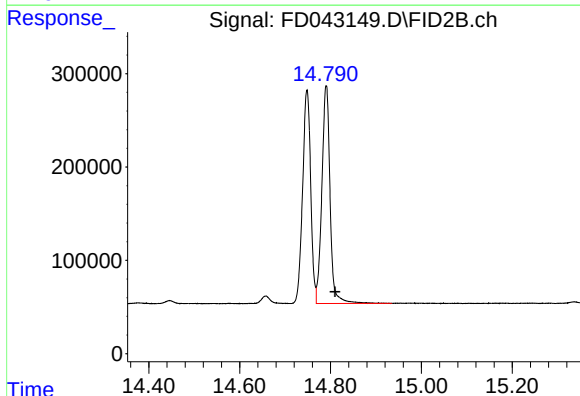
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 3004935
Conc: 18.44 ug/ml m



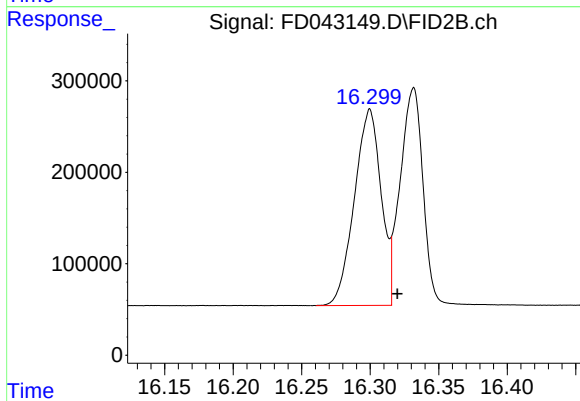
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.020 min
Response: 2821025
Conc: 18.17 ug/ml



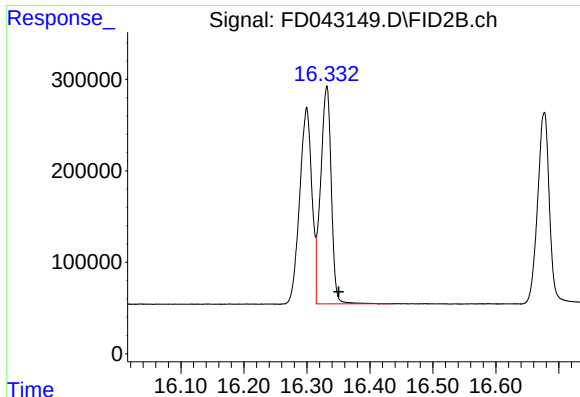
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.019 min
Response: 2922381
Conc: 18.52 ug/ml



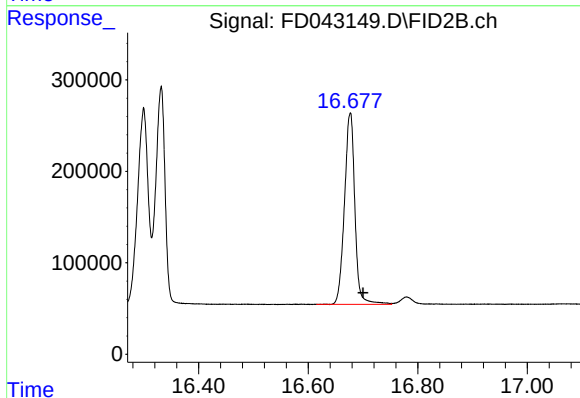
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.299 min
Delta R.T.: -0.021 min
Response: 2925695
Conc: 19.19 ug/ml m



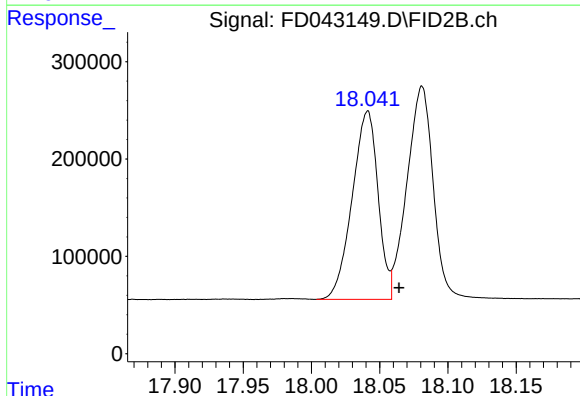
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: -0.019 min
Response: 2803077
Conc: 19.15 ug/ml



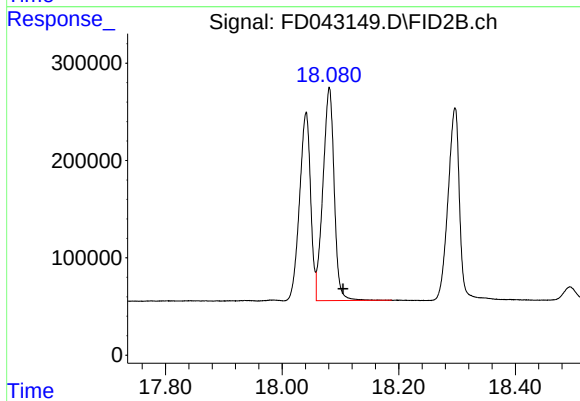
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 2760940
Conc: 19.30 ug/ml



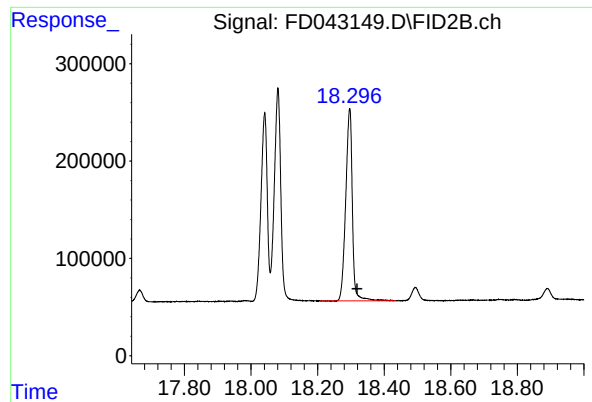
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: -0.023 min
Response: 2566347
Conc: 20.51 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 2939576
Conc: 21.87 ug/ml



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

R.T.: 18.296 min
Delta R.T.: -0.022 min
Response: 2735215
Conc: 20.97 ug/ml