

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049709.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 12:05
 Operator : YP/AJ
 Sample : PB169439BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:33:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 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...	7.714	5179497	50.538 ug/ml
Spiked Amount 50.000		Recovery =	101.08%
6) S 2-Fluorobiphenyl (SURR)	8.580	3624726	49.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.25%
11) S ortho-Terphenyl (SURR)	11.626	5712997	44.016 ug/ml
Spiked Amount 50.000		Recovery =	88.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	3934330	38.869 ug/ml
2) T Naphthalene (C11.7)	6.049	4998073	43.591 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	5195456	43.552 ug/ml
5) T Acenaphthylene (C15.06)	8.384	6511608	51.798 ug/ml
7) T Acenaphthene (C15.5)	8.681	6647841	52.872 ug/ml
8) T Flouorene (C16.55)	9.463	7225761	57.071 ug/ml
9) T Phenanthrene (C19.36)	10.863	7702946	59.631 ug/ml
10) T Anthracene (C19.43)	10.939	7715255	62.627 ug/ml
12) T Fluoranthene (C21.85)	12.679	7736292	60.432 ug/mlm
13) T Pyrene (C20.8)	12.977	7789956	61.355 ug/ml
14) T Benzo[a]anthracene (C...	14.850	7169344	62.129 ug/ml
15) T Chrysene (C27.41)	14.895	7924812	67.686 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6879041	60.483 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	6761677	63.165 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.782	6658151	60.018 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.151	6960140	67.523 ug/mlm
20) T Dibenz[a,h]anthracene...	18.189	6299354	57.793 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.406	6272284	57.399 ug/ml

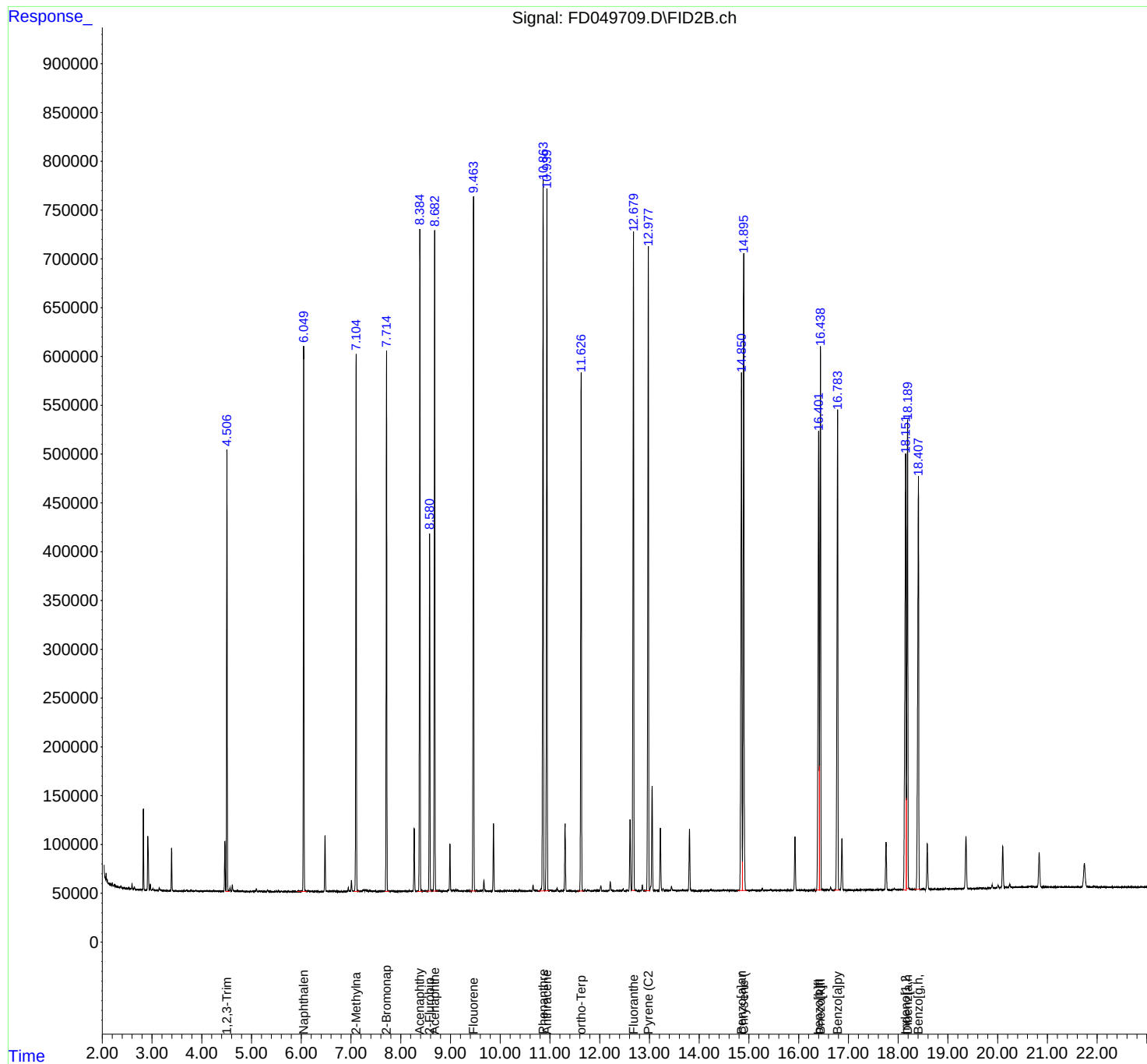
(f)=RT Delta > 1/2 Window

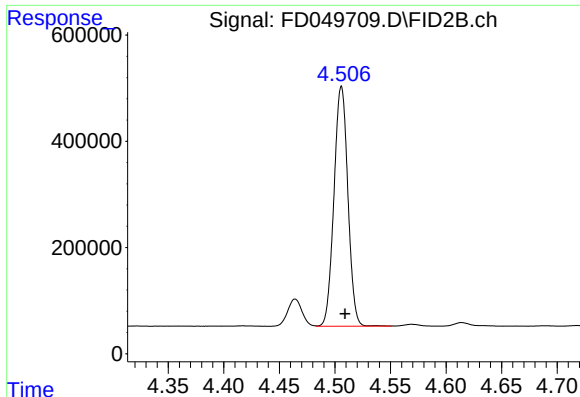
(m)=manual int.

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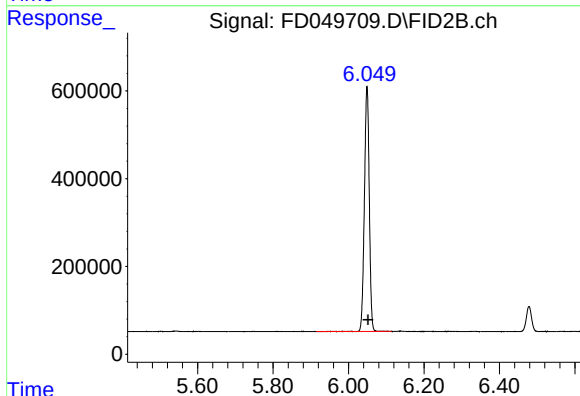
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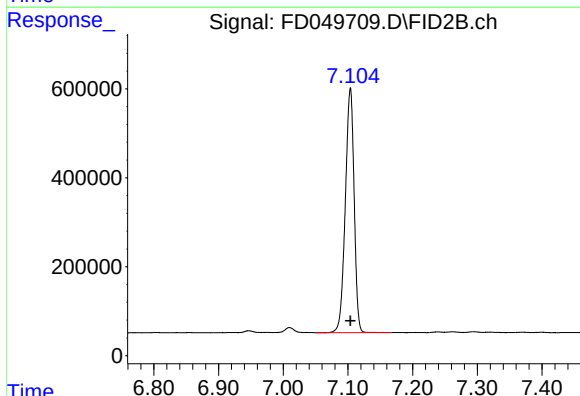
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 3934330
Conc: 38.87 ug/ml



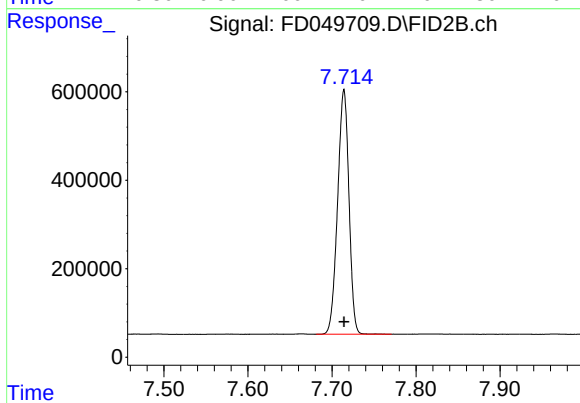
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 4998073
Conc: 43.59 ug/ml



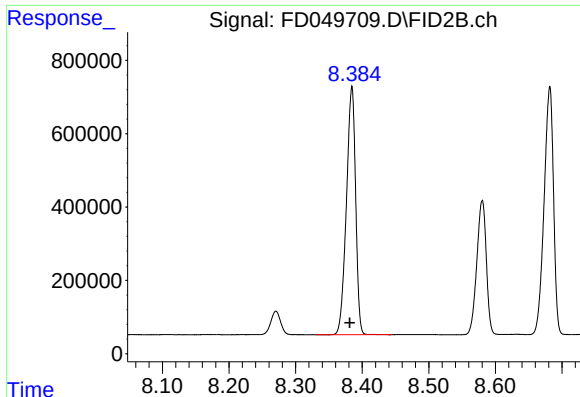
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 5195456
Conc: 43.55 ug/ml



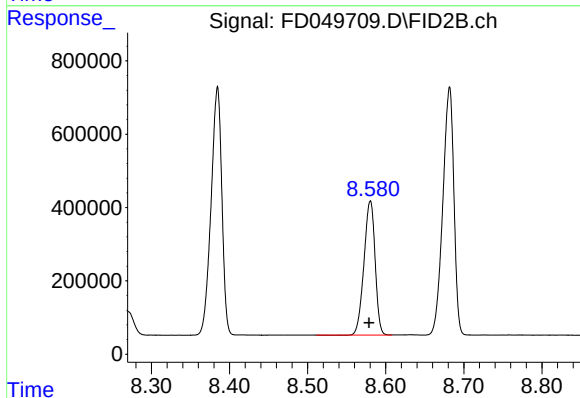
#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 5179497
Conc: 50.54 ug/ml



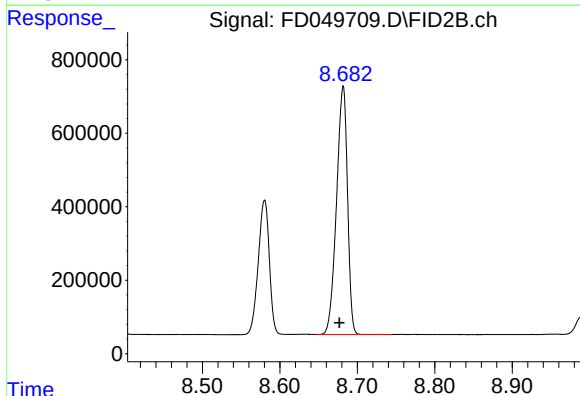
#5 Acenaphthylene (C15.06)

R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 6511608
Conc: 51.80 ug/ml



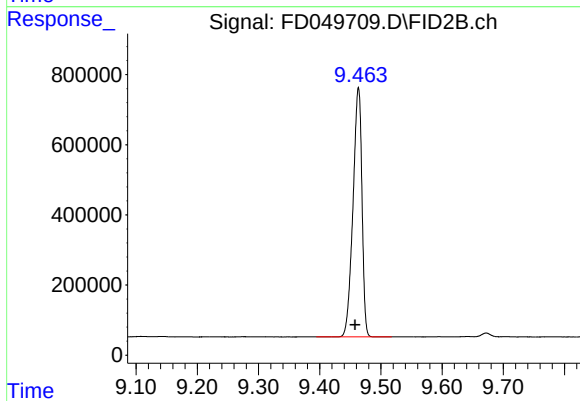
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3624726
Conc: 49.62 ug/ml



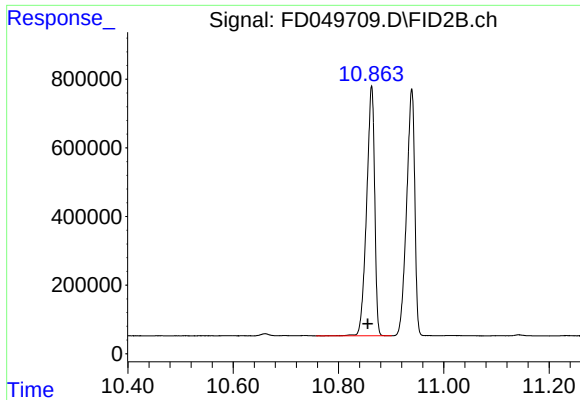
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.004 min
Response: 6647841
Conc: 52.87 ug/ml



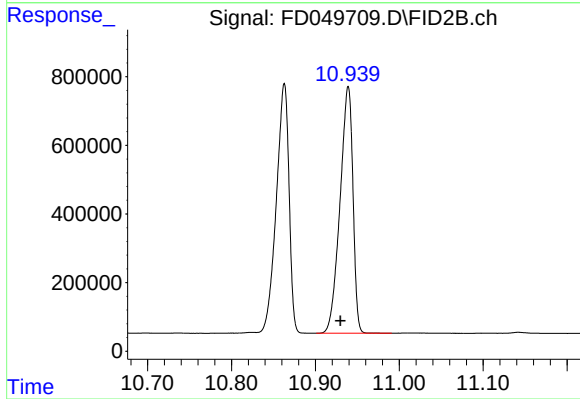
#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 7225761
Conc: 57.07 ug/ml



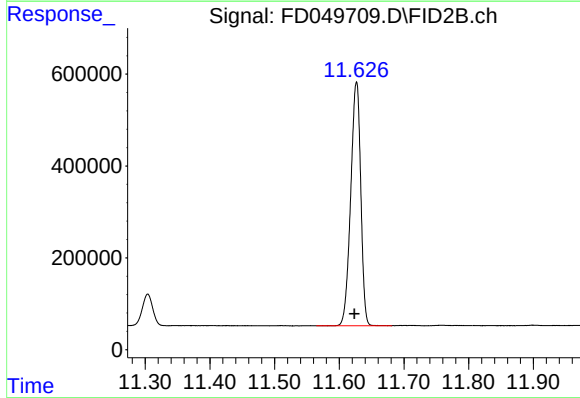
#9 Phenanthrene (C19.36)

R.T.: 10.863 min
Delta R.T.: 0.007 min
Response: 7702946
Conc: 59.63 ug/ml



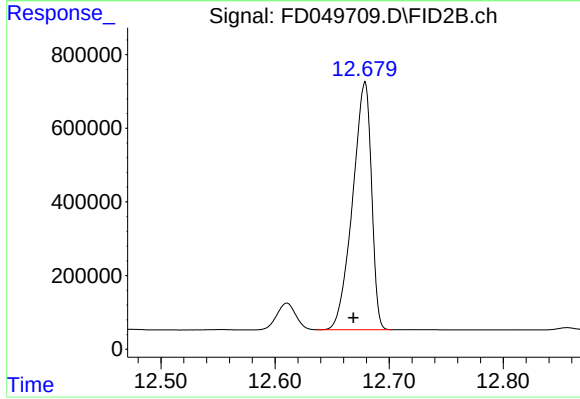
#10 Anthracene (C19.43)

R.T.: 10.939 min
Delta R.T.: 0.009 min
Response: 7715255
Conc: 62.63 ug/ml



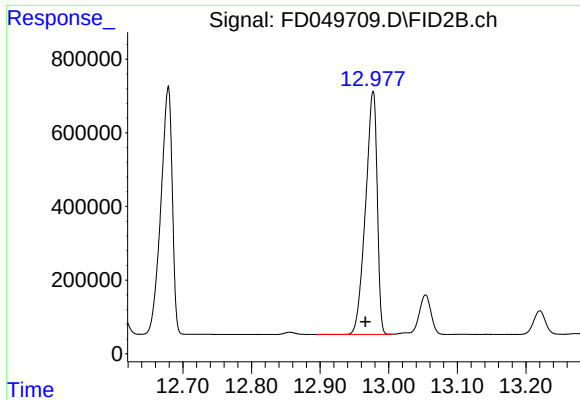
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.003 min
Response: 5712997
Conc: 44.02 ug/ml



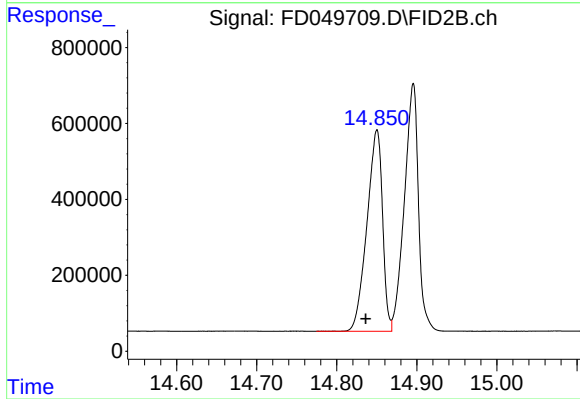
#12 Fluoranthene (C21.85)

R.T.: 12.679 min
Delta R.T.: 0.010 min
Response: 7736292
Conc: 60.43 ug/ml m



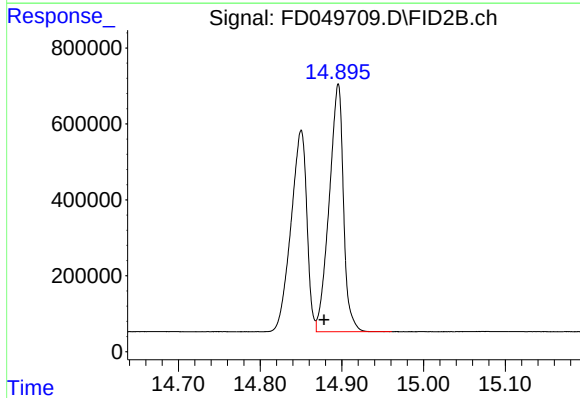
#13 Pyrene (C20.8)

R.T.: 12.977 min
Delta R.T.: 0.011 min
Response: 7789956
Conc: 61.35 ug/ml



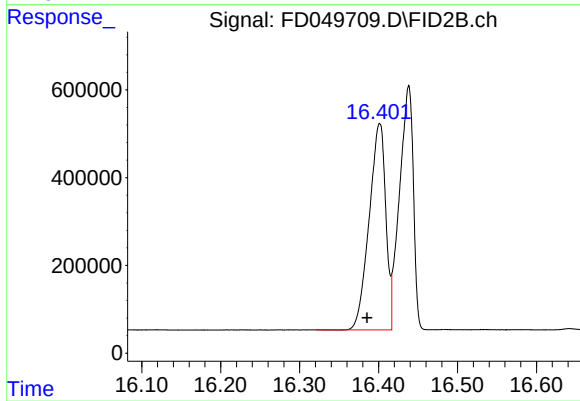
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min
Delta R.T.: 0.013 min
Response: 7169344
Conc: 62.13 ug/ml



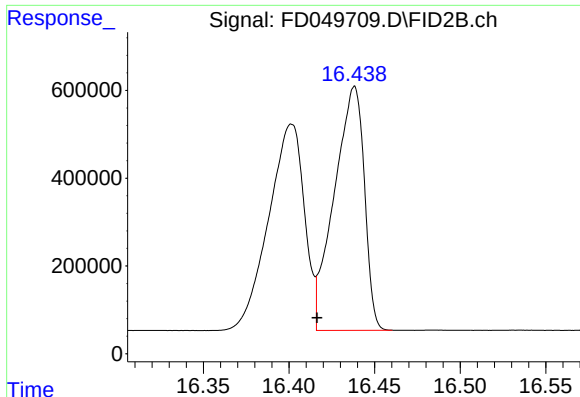
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.017 min
Response: 7924812
Conc: 67.69 ug/ml



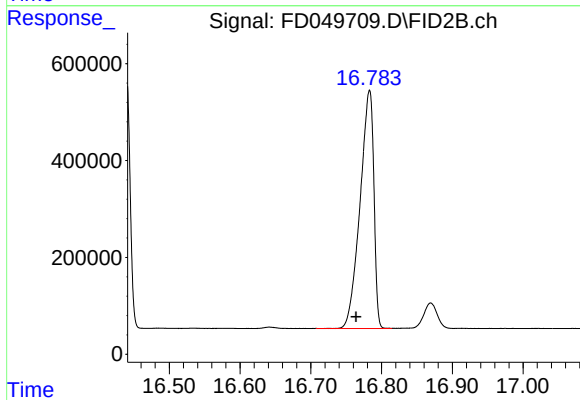
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.401 min
Delta R.T.: 0.015 min
Response: 6879041
Conc: 60.48 ug/ml



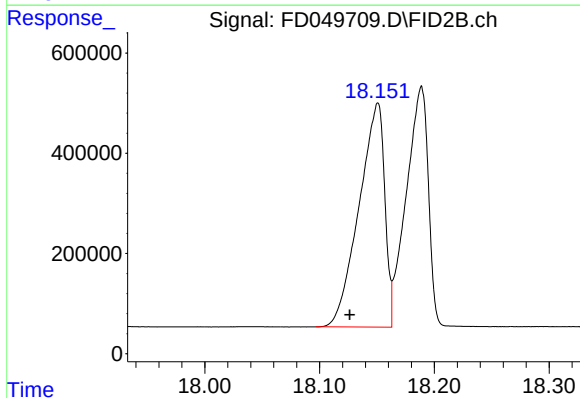
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.438 min
Delta R.T.: 0.022 min
Response: 6761677
Conc: 63.17 ug/ml m



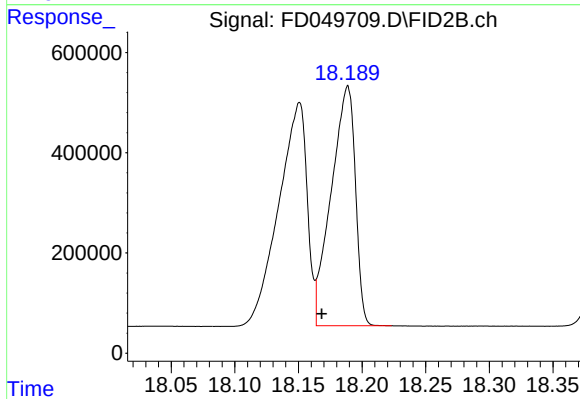
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.782 min
Delta R.T.: 0.018 min
Response: 6658151
Conc: 60.02 ug/ml



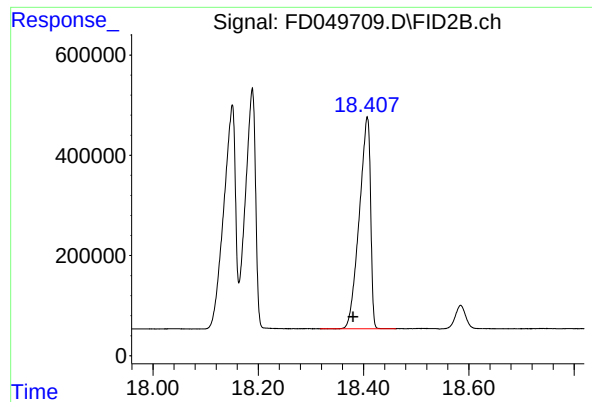
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.151 min
Delta R.T.: 0.024 min
Response: 6960140
Conc: 67.52 ug/ml m



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

R.T.: 18.189 min
Delta R.T.: 0.020 min
Response: 6299354
Conc: 57.79 ug/ml m



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

R.T.: 18.406 min
Delta R.T.: 0.026 min
Response: 6272284
Conc: 57.40 ug/ml