

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049531.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 14:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:40:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.733	2587089	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
6) S 2-Fluorobiphenyl (SURR)	8.598	1862272	20.974 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.95%
11) S ortho-Terphenyl (SURR)	11.643	3356413	21.164 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2492694	21.463 ug/ml
2) T Naphthalene (C11.7)	6.071	2857852	21.291 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	2984195	21.122 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3159789	20.211 ug/ml
7) T Acenaphthene (C15.5)	8.698	3158720	21.083 ug/ml
8) T Flouorene (C16.55)	9.478	3231175	21.004 ug/ml
9) T Phenanthrene (C19.36)	10.877	3392754	21.290 ug/ml
10) T Anthracene (C19.43)	10.951	3282996	20.910 ug/ml
12) T Fluoranthene (C21.85)	12.690	3424915	21.630 ug/ml
13) T Pyrene (C20.8)	12.988	3421766	21.628 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3179794	21.546 ug/ml
15) T Chrysene (C27.41)	14.902	3216317	21.578 ug/ml
16) T benzo[b]fluoranthene ...	16.409	3043063	21.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2869992	21.609 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2939048	21.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.151	2606354	21.288 ug/ml
20) T Dibenz[a,h]anthracene...	18.192	2768025	21.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	2753069	21.537 ug/ml

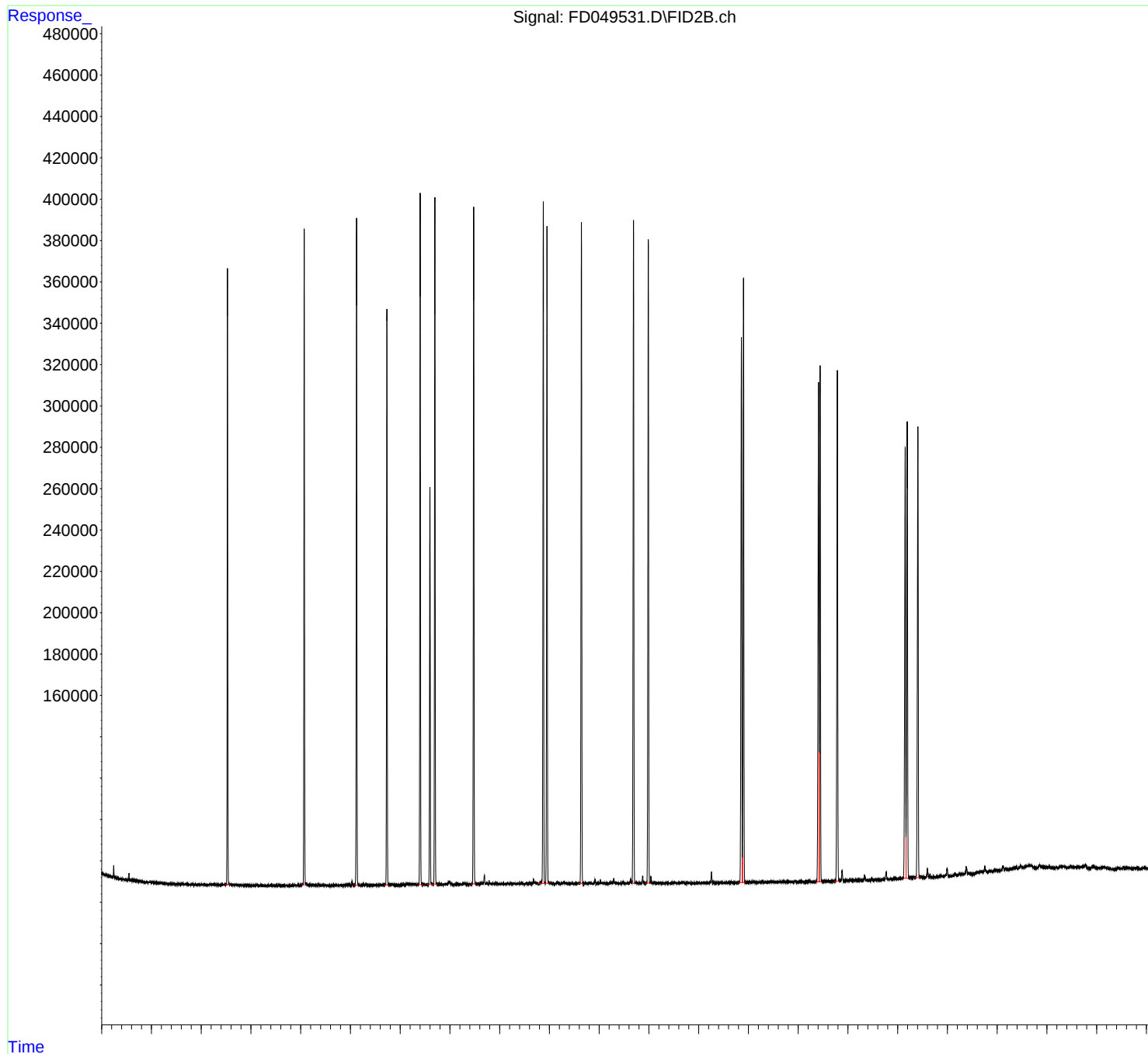
(f)=RT Delta > 1/2 Window

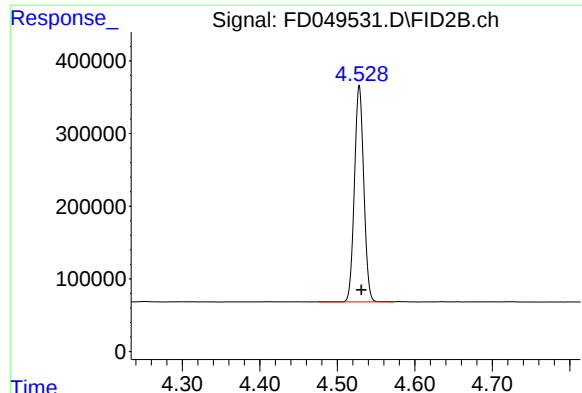
(m)=manual int.

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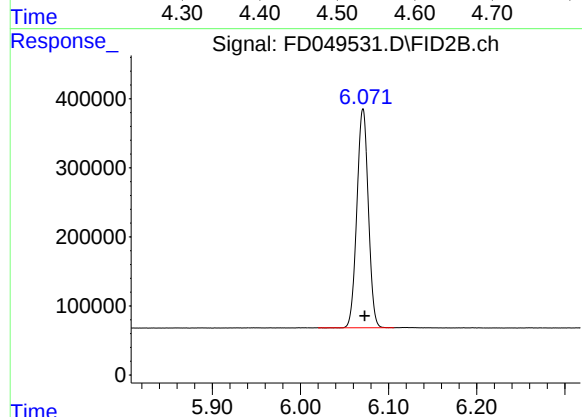
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





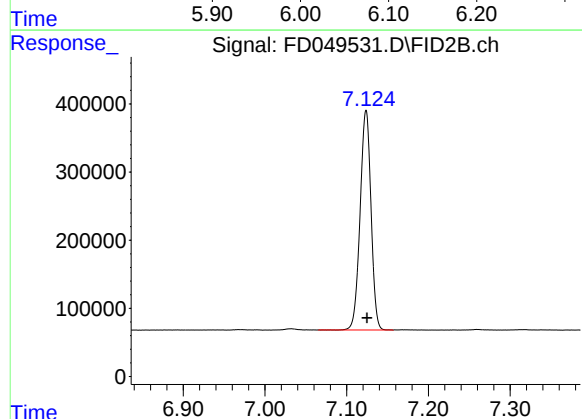
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 2492694
Conc: 21.46 ug/ml



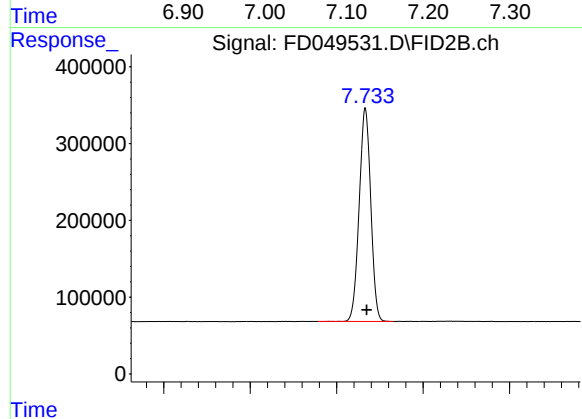
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 2857852
Conc: 21.29 ug/ml



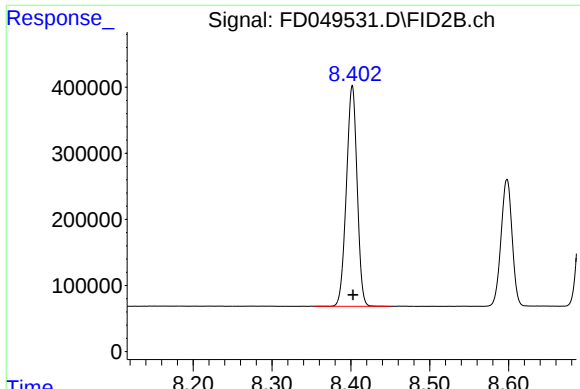
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 2984195
Conc: 21.12 ug/ml



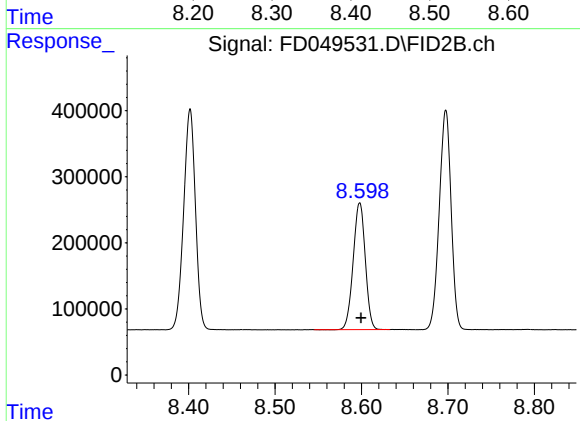
#4 2-Bromonaphthalene (SURR)

R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 2587089
Conc: 20.29 ug/ml



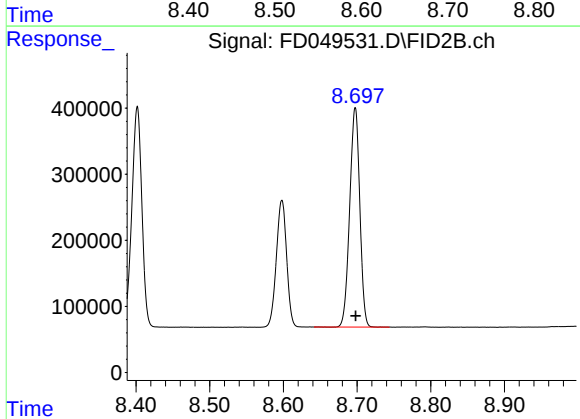
#5 Acenaphthylene (C15.06)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3159789
Conc: 20.21 ug/ml



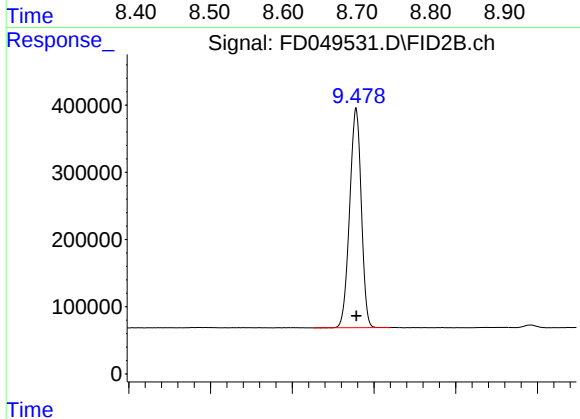
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 1862272
Conc: 20.97 ug/ml



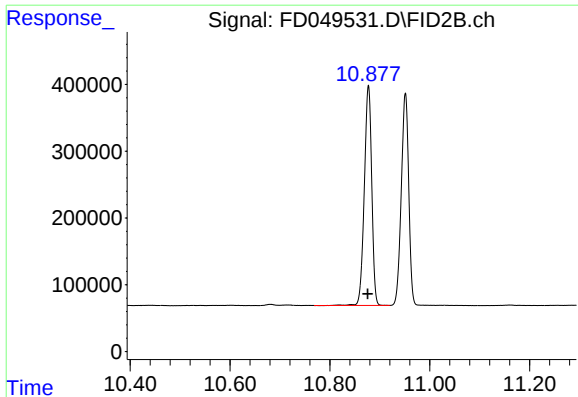
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 3158720
Conc: 21.08 ug/ml



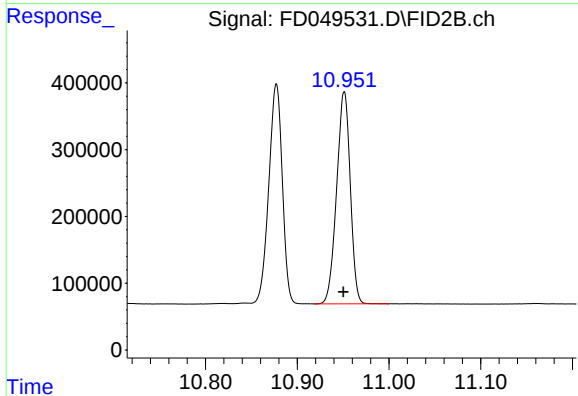
#8 Fluorene (C16.55)

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 3231175
Conc: 21.00 ug/ml



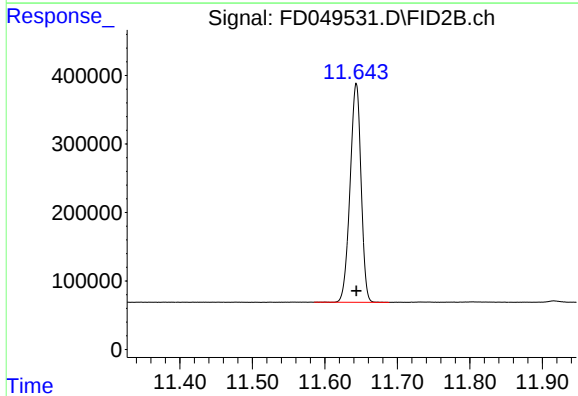
#9 Phenanthrene (C19.36)

R.T.: 10.877 min
Delta R.T.: 0.002 min
Response: 3392754
Conc: 21.29 ug/ml



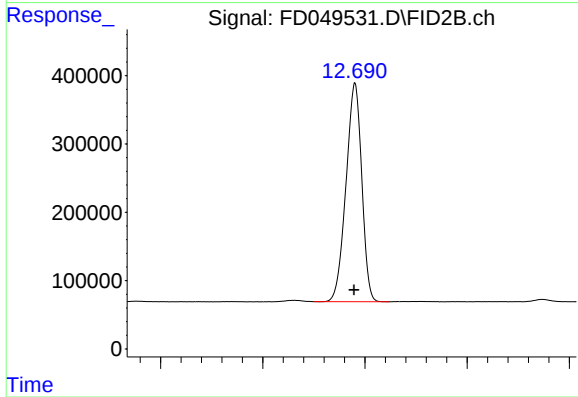
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.001 min
Response: 3282996
Conc: 20.91 ug/ml



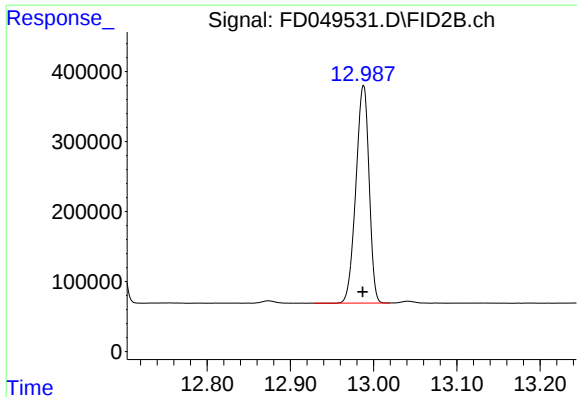
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3356413
Conc: 21.16 ug/ml



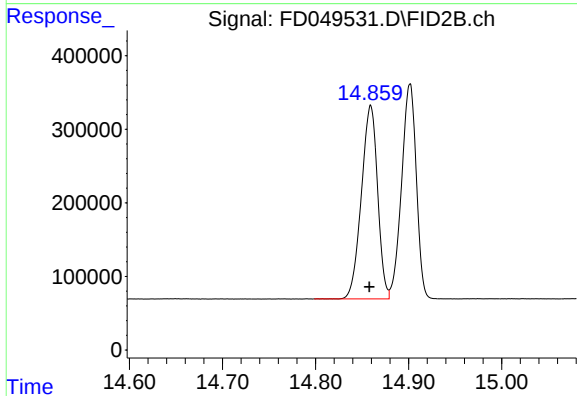
#12 Fluoranthene (C21.85)

R.T.: 12.690 min
Delta R.T.: 0.000 min
Response: 3424915
Conc: 21.63 ug/ml



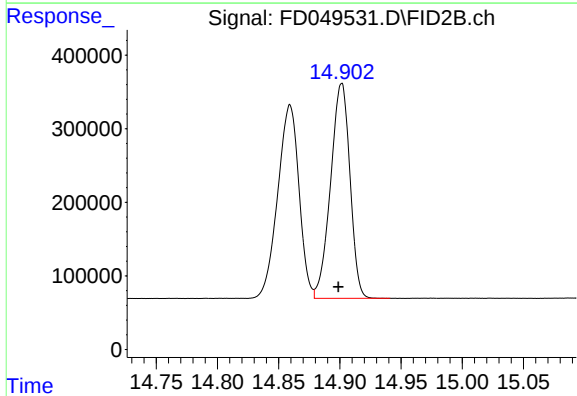
#13 Pyrene (C20.8)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 3421766
Conc: 21.63 ug/ml



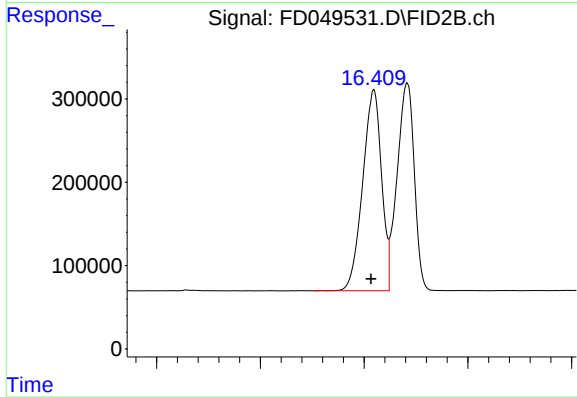
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: 0.001 min
Response: 3179794
Conc: 21.55 ug/ml



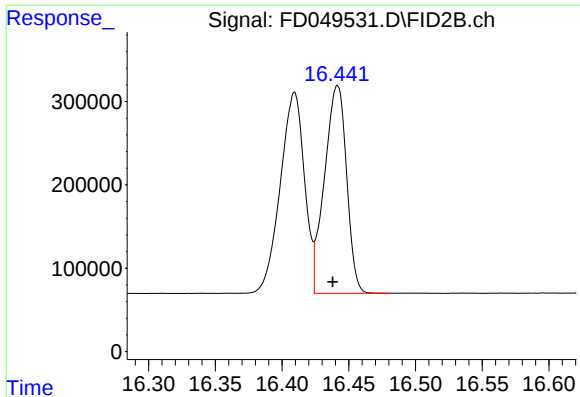
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: 0.003 min
Response: 3216317
Conc: 21.58 ug/ml



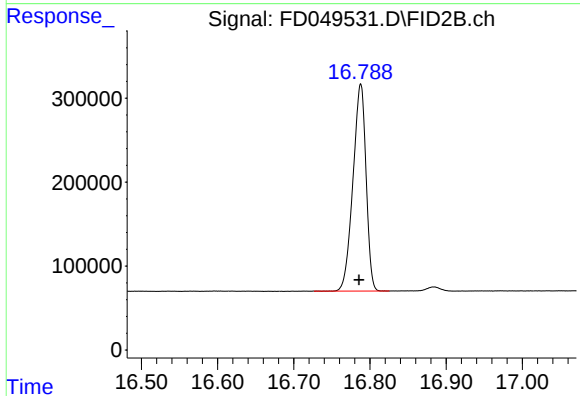
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 3043063
Conc: 21.66 ug/ml



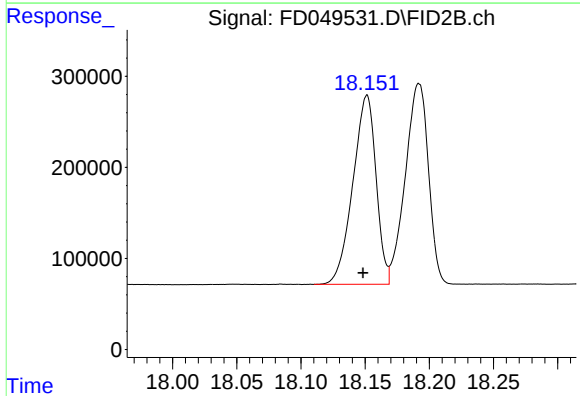
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.442 min
Delta R.T.: 0.004 min
Response: 2869992
Conc: 21.61 ug/ml



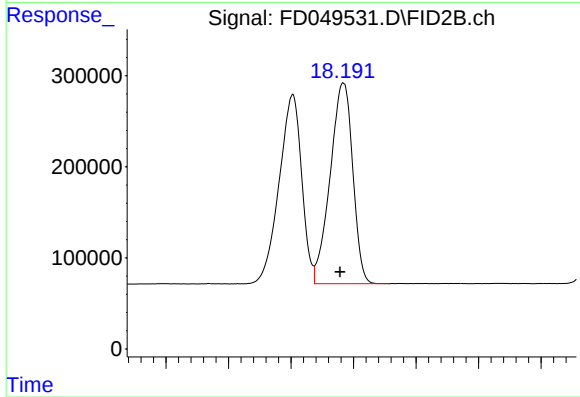
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: 0.002 min
Response: 2939048
Conc: 21.50 ug/ml



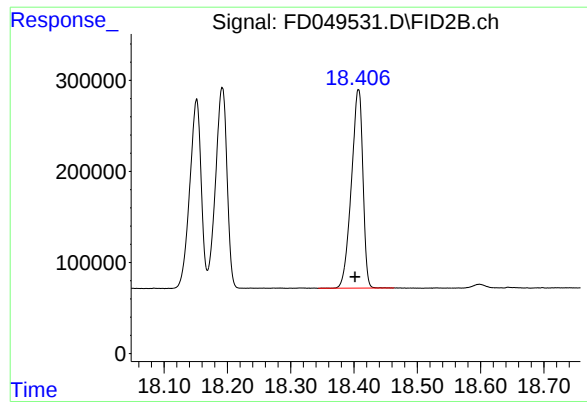
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.151 min
Delta R.T.: 0.003 min
Response: 2606354
Conc: 21.29 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.003 min
Response: 2768025
Conc: 21.61 ug/ml



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

R.T.: 18.407 min
Delta R.T.: 0.005 min
Response: 2753069
Conc: 21.54 ug/ml