

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AR\
 Data File : FE046855.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 13:38
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 19 14:15:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 021924.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 19 14:12:55 2024
 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...	7.868	2309415	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.752	1095820	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.795	3128422	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	2657140	20.000 ug/ml
2) T Naphthalene (C11.7)	6.145	2397849	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	2511698	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.537	2523804	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.833	3202694	20.000 ug/ml
8) T Flouorene (C16.55)	9.635	2513483	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.048	2084251	20.000 ug/ml
10) T Anthracene (C19.43)	11.130	2580503	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.871	2498009	20.000 ug/ml
13) T Pyrene (C20.8)	13.168	2563500	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.065	1313793	20.000 ug/ml
15) T Chrysene (C27.41)	15.105	3495868	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.630	1065927	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.659	4105264	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.035	2507107	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.440	5301674	58.525 ug/ml
20) T Dibenz[a,h]anthracene...	18.440	5301674	31.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.676	2902553	20.000 ug/ml

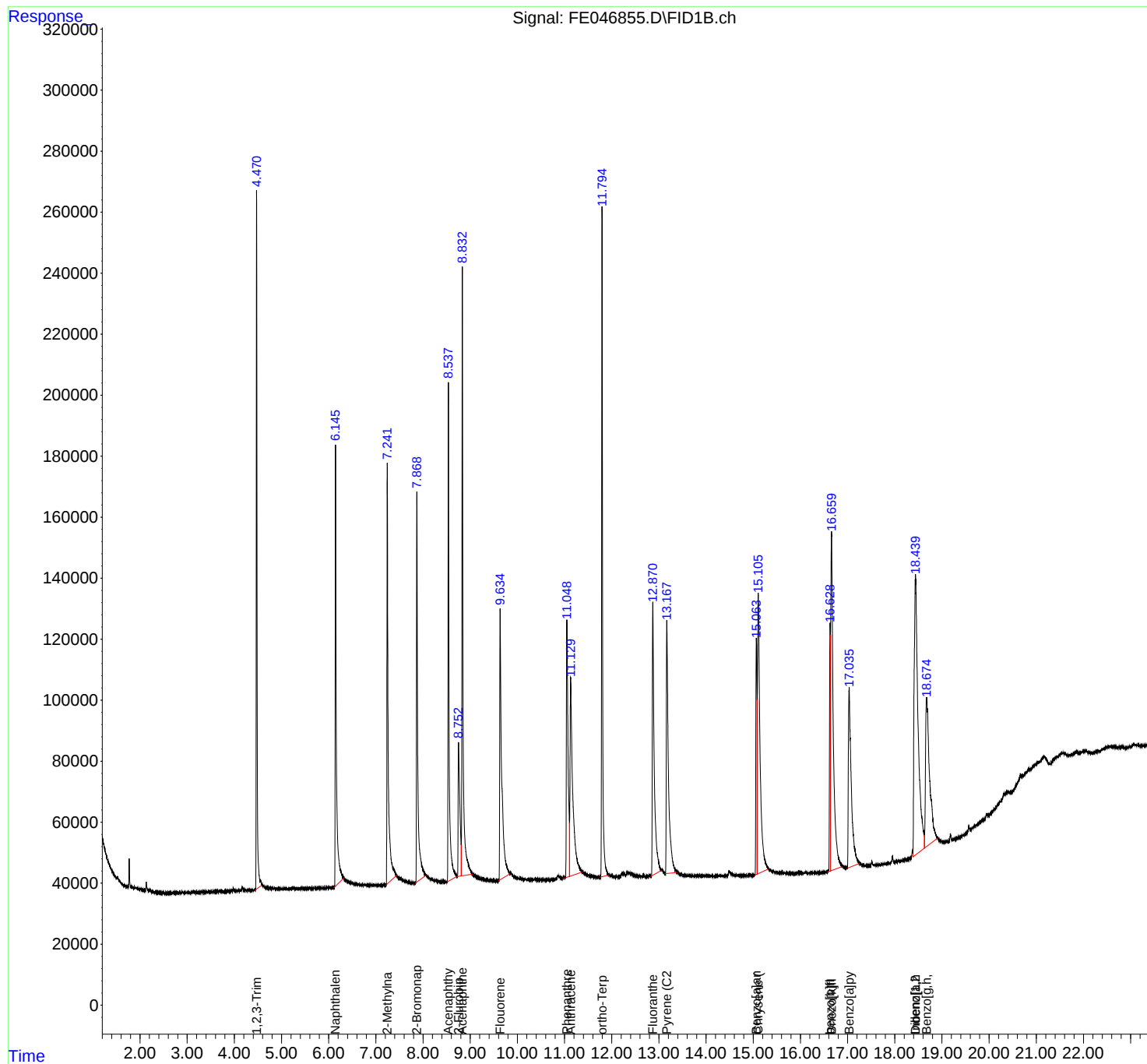
(f)=RT Delta > 1/2 Window

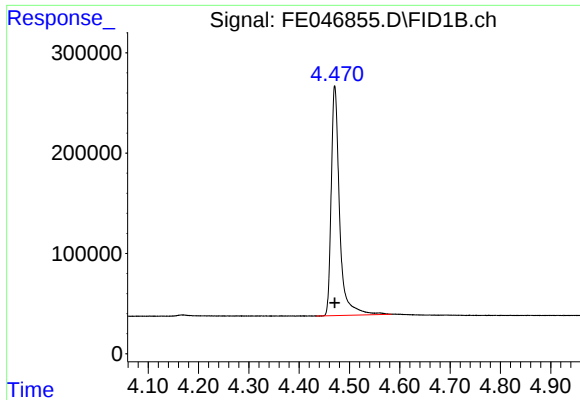
(m)=manual int.

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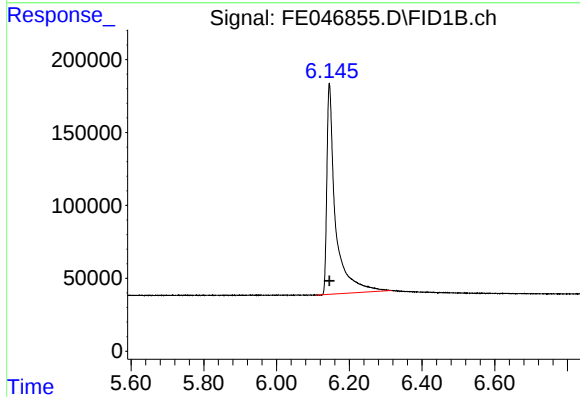
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





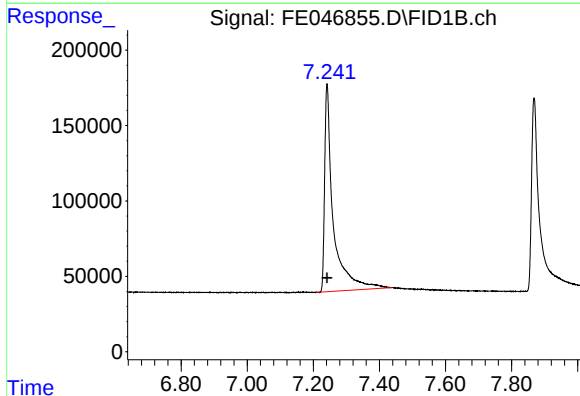
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2657140
Conc: 20.00 ug/ml



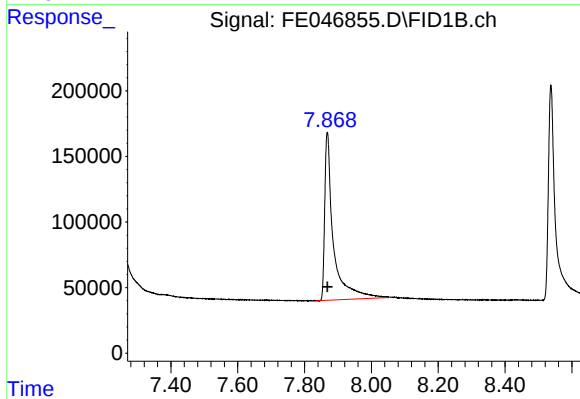
#2 Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2397849
Conc: 20.00 ug/ml



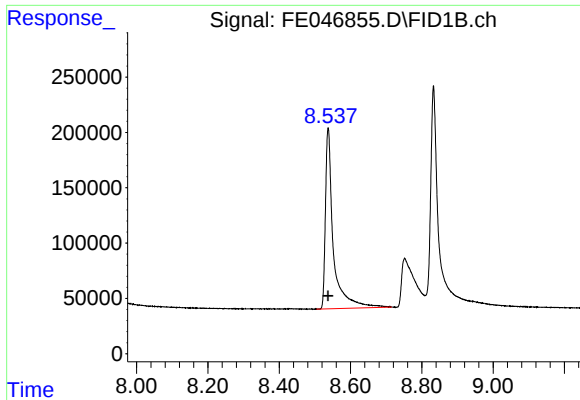
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 2511698
Conc: 20.00 ug/ml



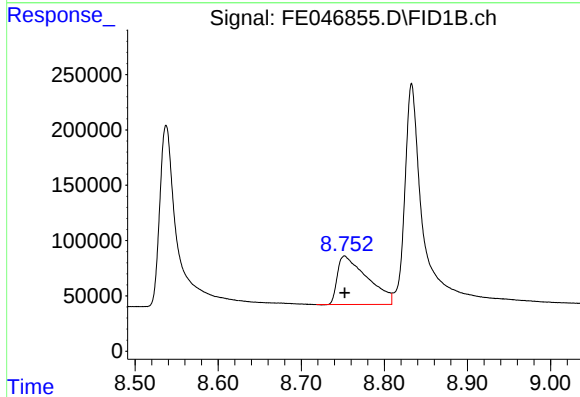
#4 2-Bromonaphthalene (SURR)

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 2309415
Conc: 20.00 ug/ml



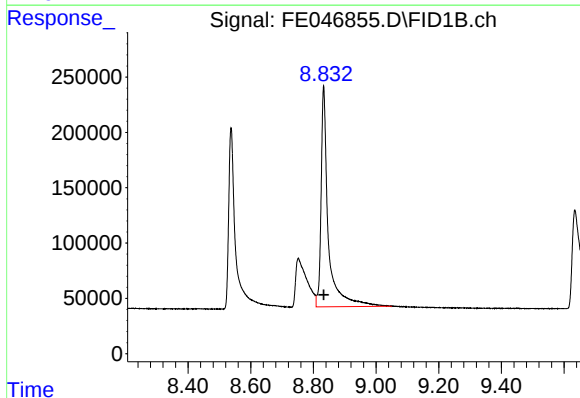
#5 Acenaphthylene (C15.06)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 2523804
Conc: 20.00 ug/ml



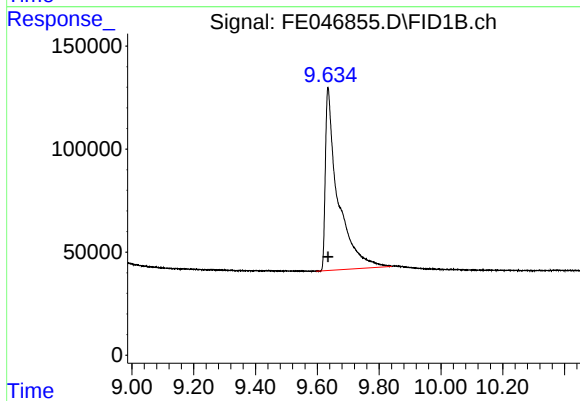
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 1095820
Conc: 20.00 ug/ml



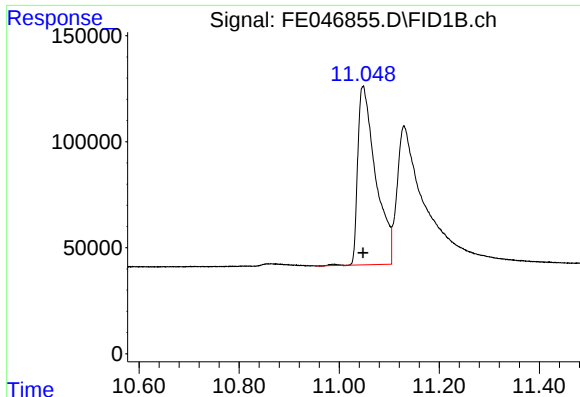
#7 Acenaphthene (C15.5)

R.T.: 8.833 min
Delta R.T.: 0.000 min
Response: 3202694
Conc: 20.00 ug/ml



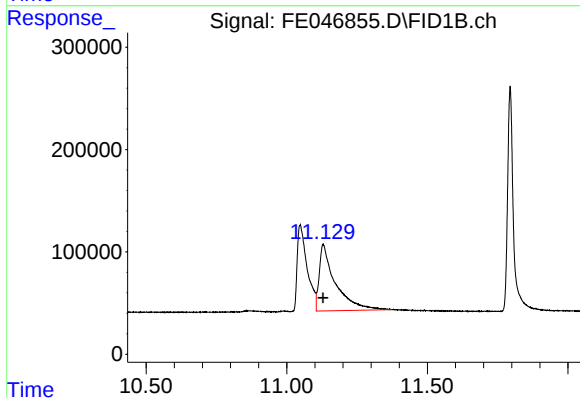
#8 Fluorene (C16.55)

R.T.: 9.635 min
Delta R.T.: 0.000 min
Response: 2513483
Conc: 20.00 ug/ml



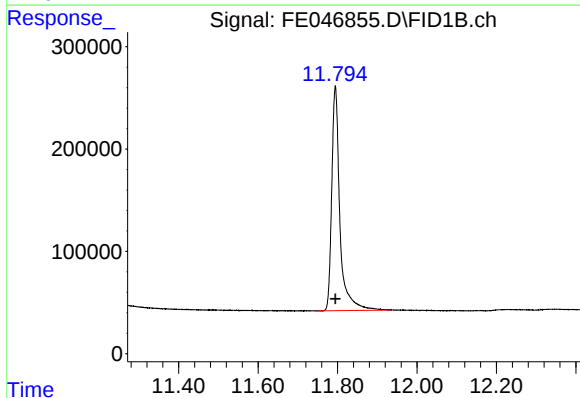
#9 Phenanthrene (C19.36)

R.T.: 11.048 min
Delta R.T.: 0.000 min
Response: 2084251
Conc: 20.00 ug/ml



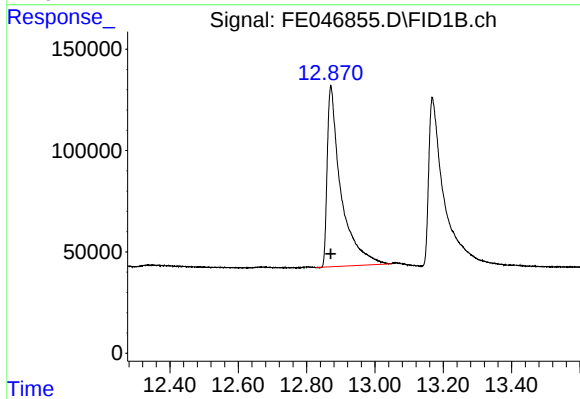
#10 Anthracene (C19.43)

R.T.: 11.130 min
Delta R.T.: 0.000 min
Response: 2580503
Conc: 20.00 ug/ml



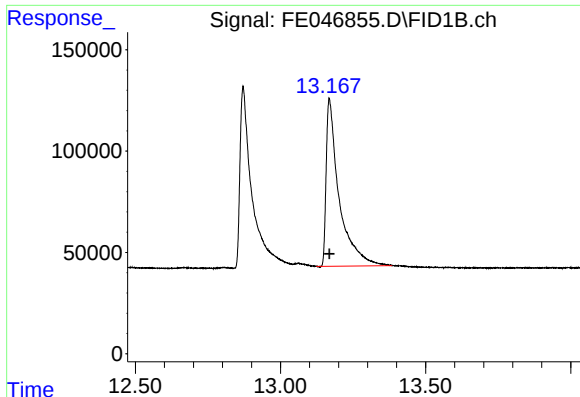
#11 ortho-Terphenyl (SURR)

R.T.: 11.795 min
Delta R.T.: 0.000 min
Response: 3128422
Conc: 20.00 ug/ml



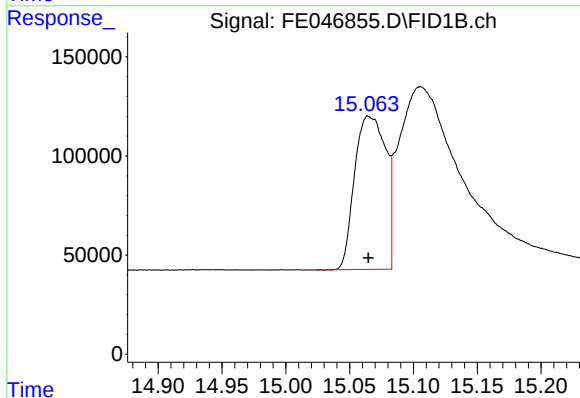
#12 Fluoranthene (C21.85)

R.T.: 12.871 min
Delta R.T.: 0.000 min
Response: 2498009
Conc: 20.00 ug/ml



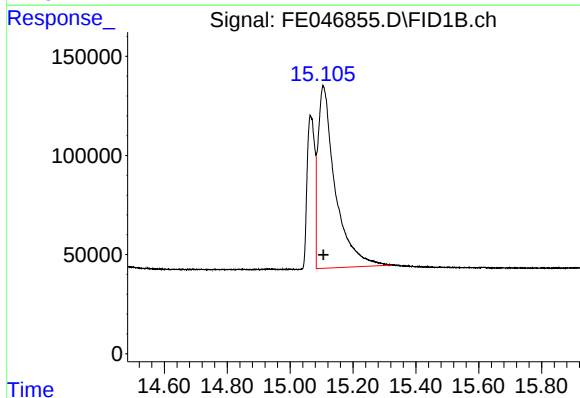
#13 Pyrene (C20.8)

R.T.: 13.168 min
Delta R.T.: 0.000 min
Response: 2563500
Conc: 20.00 ug/ml



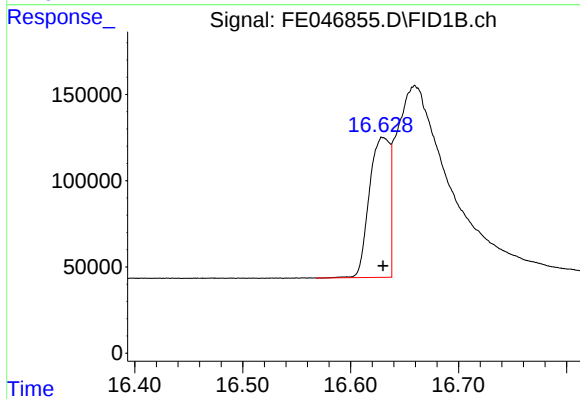
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: 0.000 min
Response: 1313793
Conc: 20.00 ug/ml



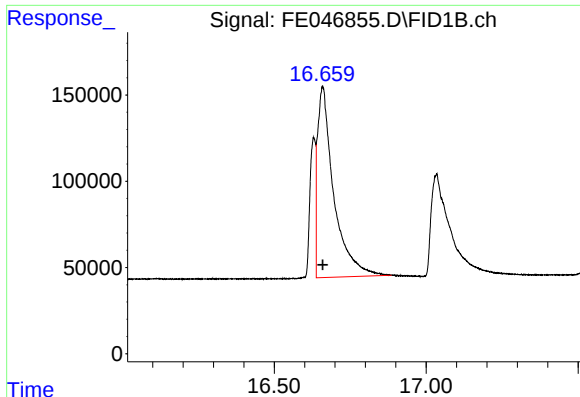
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: 0.000 min
Response: 3495868
Conc: 20.00 ug/ml



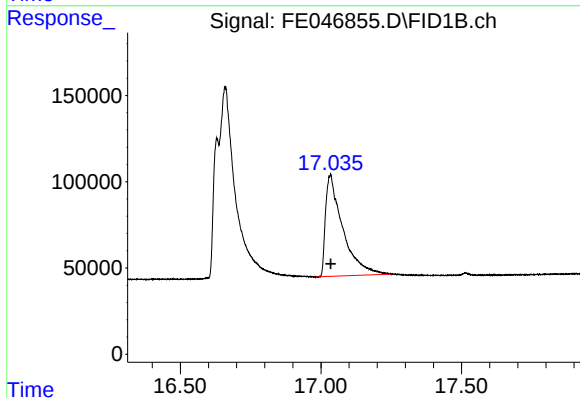
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.630 min
Delta R.T.: 0.000 min
Response: 1065927
Conc: 20.00 ug/ml



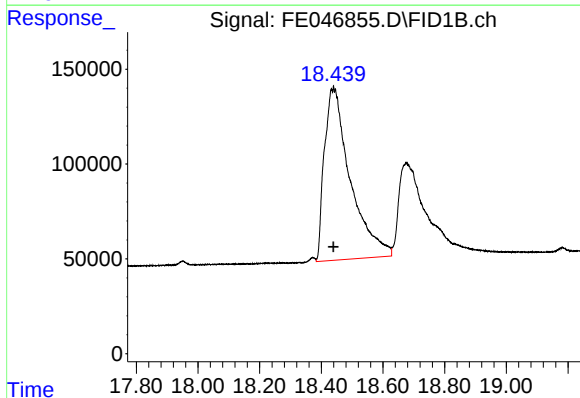
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.659 min
Delta R.T.: 0.000 min
Response: 4105264
Conc: 20.00 ug/ml



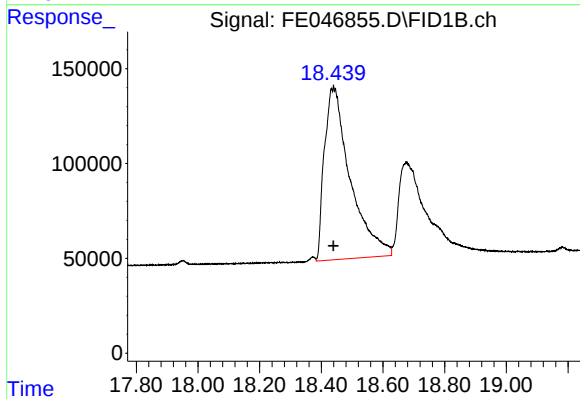
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.035 min
Delta R.T.: 0.000 min
Response: 2507107
Conc: 20.00 ug/ml



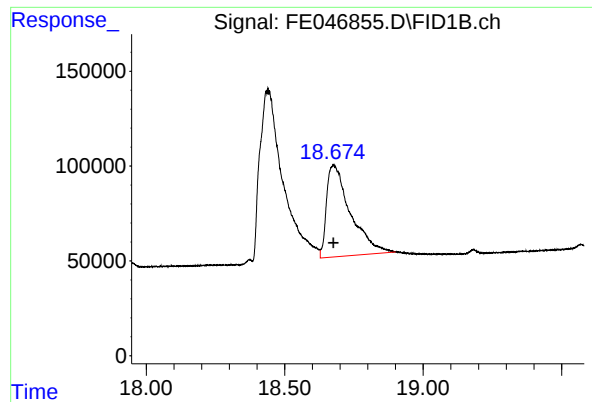
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.440 min
Delta R.T.: 0.000 min
Response: 5301674
Conc: 58.52 ug/ml



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

R.T.: 18.440 min
Delta R.T.: 0.000 min
Response: 5301674
Conc: 31.04 ug/ml



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

R.T.: 18.676 min
Delta R.T.: 0.000 min
Response: 2902553
Conc: 20.00 ug/ml