

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090325AR\
 Data File : FF016318.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 11:23
 Operator : YP\AJ
 Sample : Q2893-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 01:28:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.035	8146524	68.145 ug/ml
Spiked Amount 50.000		Recovery =	136.29%
6) S 2-Fluorobiphenyl (SURR)	8.910	5485997	66.247 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.49%#
11) S ortho-Terphenyl (SURR)	11.979	8592336	59.246 ug/ml
Spiked Amount 50.000		Recovery =	118.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.628	592964	4.576 ug/ml
2) T Naphthalene (C11.7)	6.303	634368	4.637 ug/mlm
3) T 2-Methylnaphthalene (...)	7.401	615655	4.402 ug/mlm
5) T Acenaphthylene (C15.06)	8.706	707150	5.037 ug/ml
7) T Acenaphthene (C15.5)	9.005	738358	5.268 ug/ml
8) T Flouorene (C16.55)	9.795	690813	4.944 ug/ml
9) T Phenanthrene (C19.36)	11.201	711922	5.049 ug/ml
10) T Anthracene (C19.43)	11.276	710156	5.136 ug/ml
12) T Fluoranthene (C21.85)	13.022	740079	5.246 ug/mlm
13) T Pyrene (C20.8)	13.321	729093	5.209 ug/ml
14) T Benzo[a]anthracene (C...	15.203	715998	5.414 ug/ml
15) T Chrysene (C27.41)	15.244	887413	6.510 ug/ml
16) T benzo[b]fluoranthene ...	16.761	702845	5.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	752850	6.018 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	689023	5.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.515	658717	5.766 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	734621	5.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	706816	5.732 ug/ml

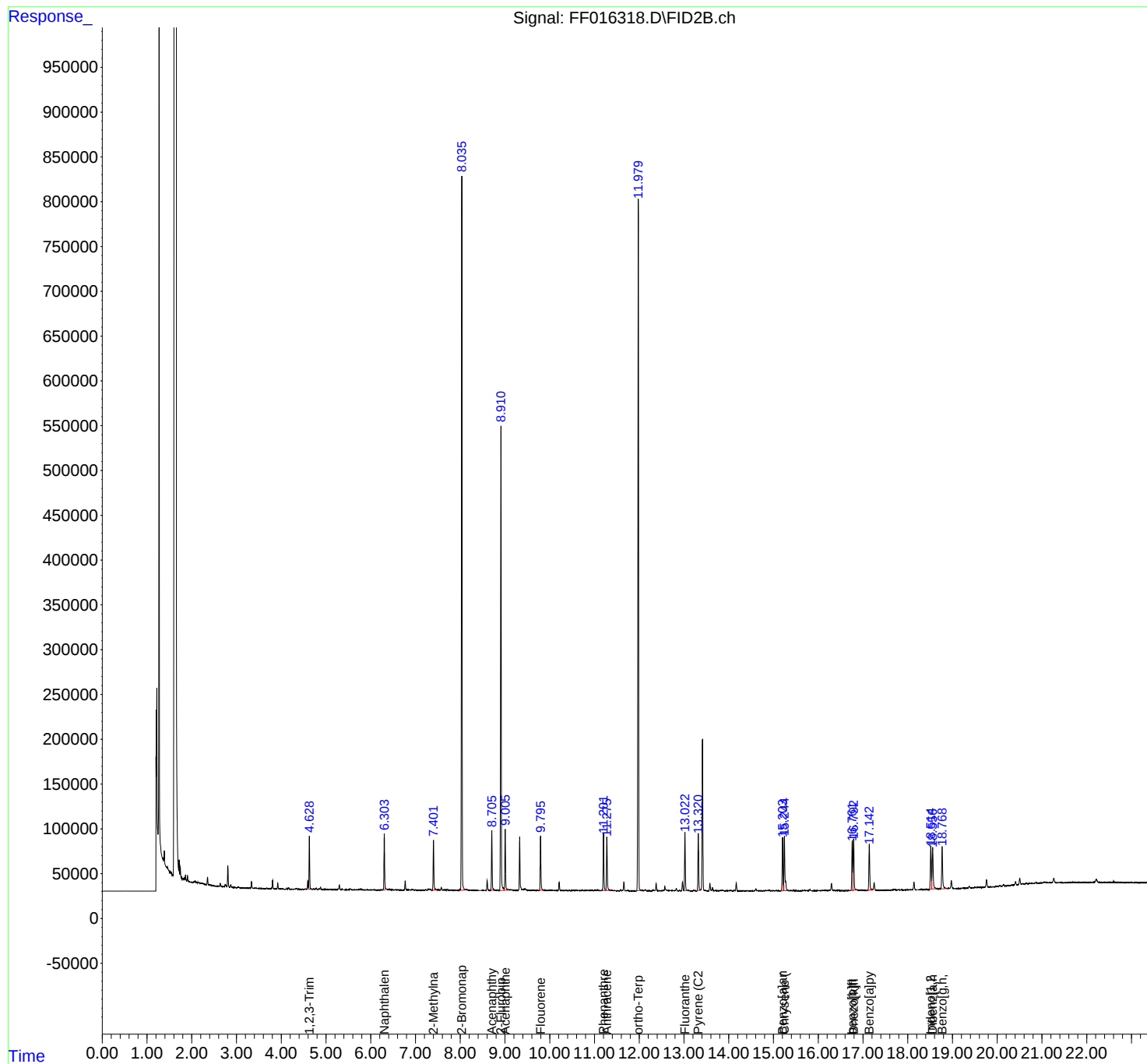
(f)=RT Delta > 1/2 Window

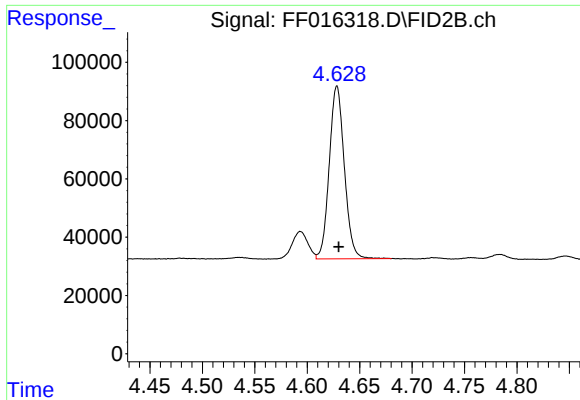
(m)=manual int.

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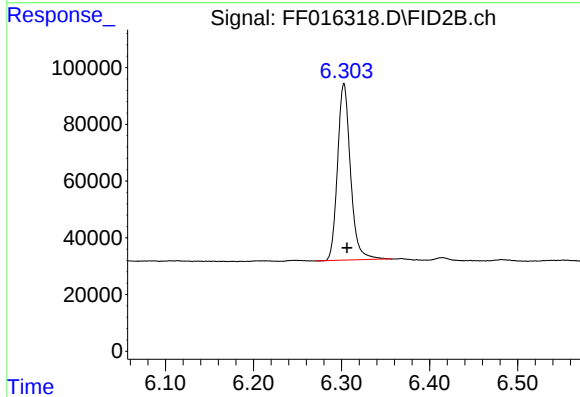
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Signal Info : 20M x 0.18mm x 0.18µm





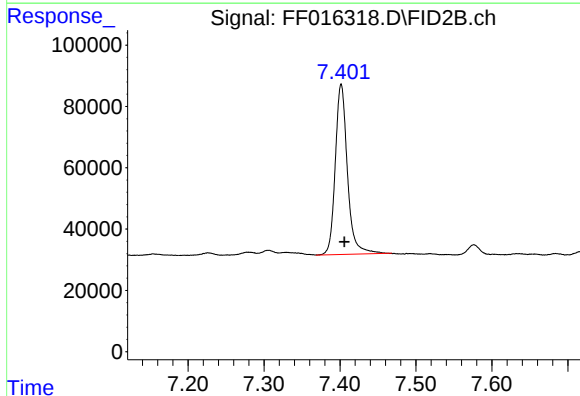
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 592964
Conc: 4.58 ug/ml



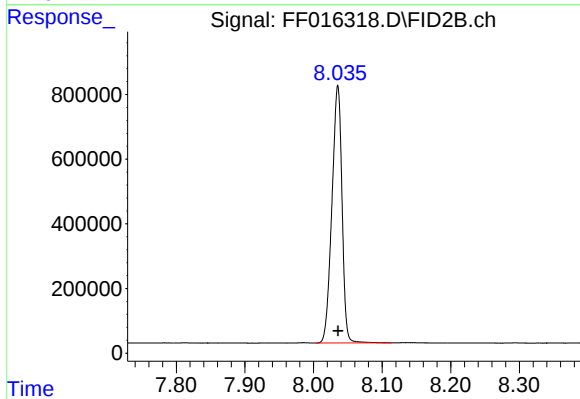
#2 Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 634368
Conc: 4.64 ug/ml m



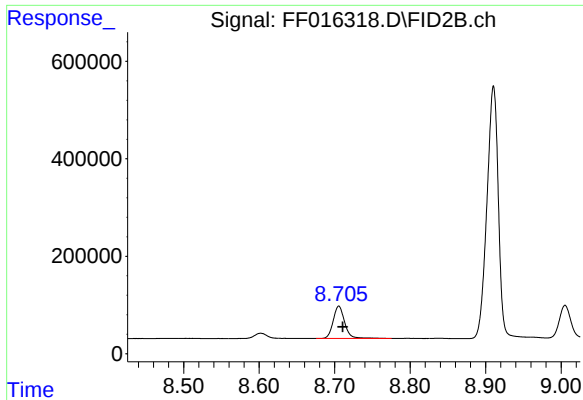
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 615655
Conc: 4.40 ug/ml m



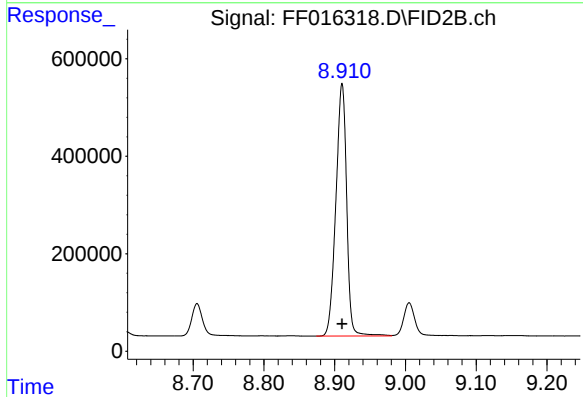
#4 2-Bromonaphthalene (SURR)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 8146524
Conc: 68.15 ug/ml



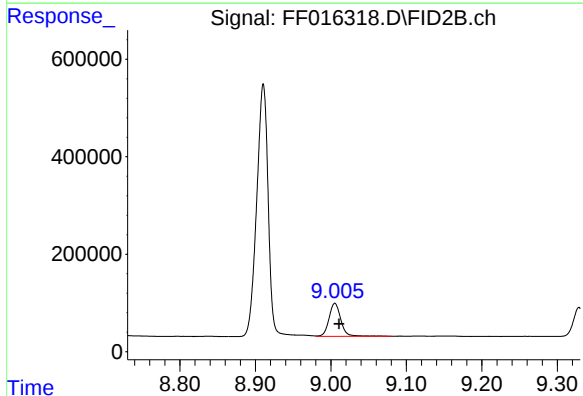
#5 Acenaphthylene (C15.06)

R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 707150
Conc: 5.04 ug/ml



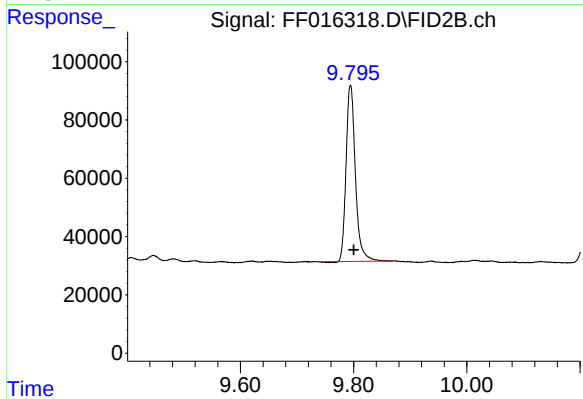
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 5485997
Conc: 66.25 ug/ml



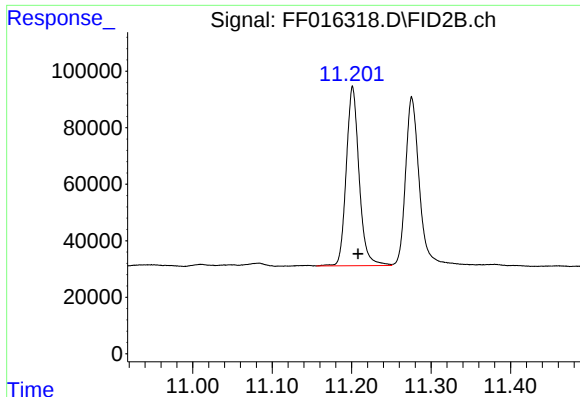
#7 Acenaphthene (C15.5)

R.T.: 9.005 min
Delta R.T.: -0.006 min
Response: 738358
Conc: 5.27 ug/ml



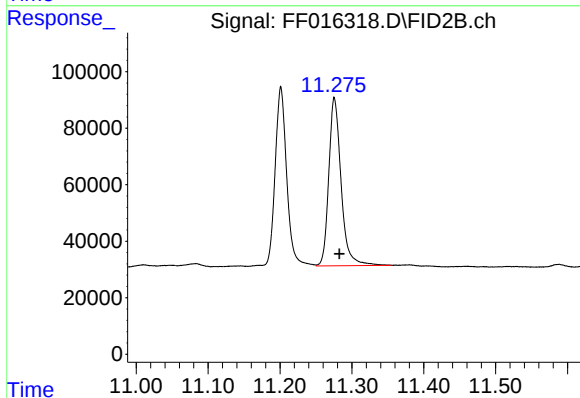
#8 Flouorene (C16.55)

R.T.: 9.795 min
Delta R.T.: -0.005 min
Response: 690813
Conc: 4.94 ug/ml



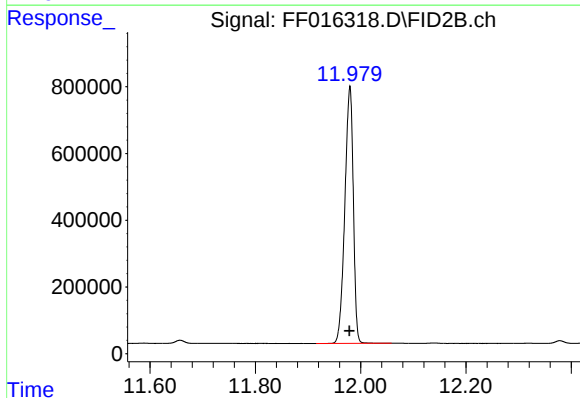
#9 Phenanthrene (C19.36)

R.T.: 11.201 min
Delta R.T.: -0.007 min
Response: 711922
Conc: 5.05 ug/ml



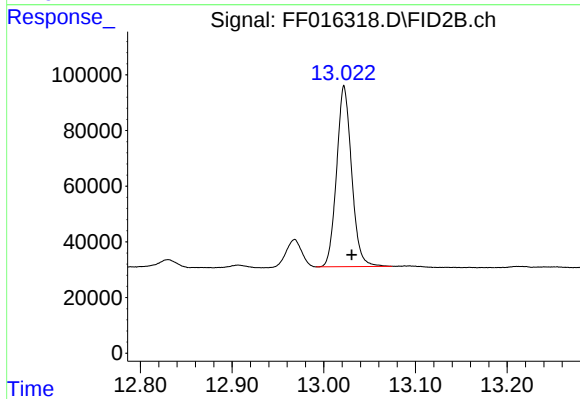
#10 Anthracene (C19.43)

R.T.: 11.276 min
Delta R.T.: -0.007 min
Response: 710156
Conc: 5.14 ug/ml



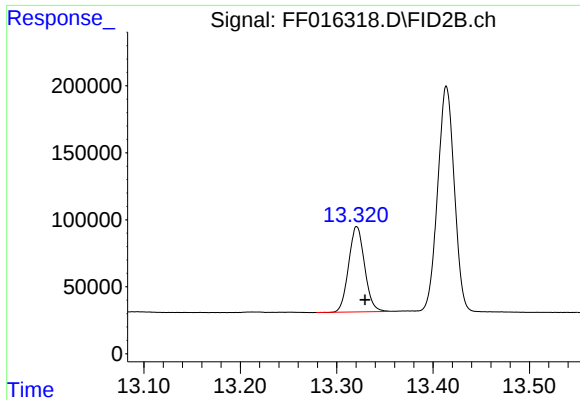
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 8592336
Conc: 59.25 ug/ml



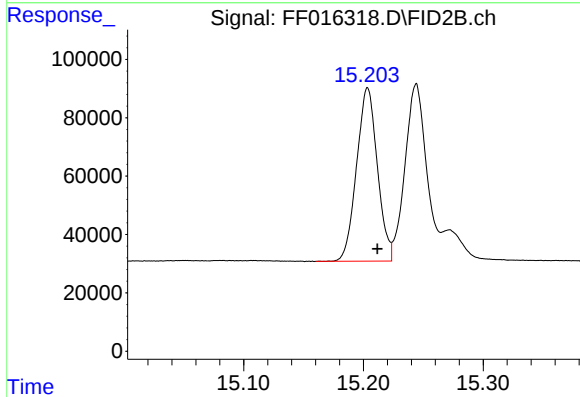
#12 Fluoranthene (C21.85)

R.T.: 13.022 min
Delta R.T.: -0.009 min
Response: 740079
Conc: 5.25 ug/ml m



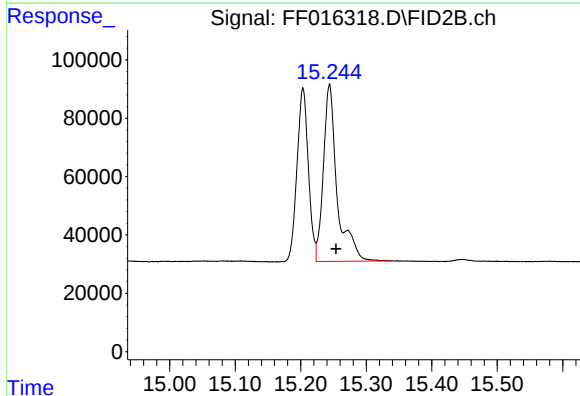
#13 Pyrene (C20.8)

R.T.: 13.321 min
Delta R.T.: -0.009 min
Response: 729093
Conc: 5.21 ug/ml



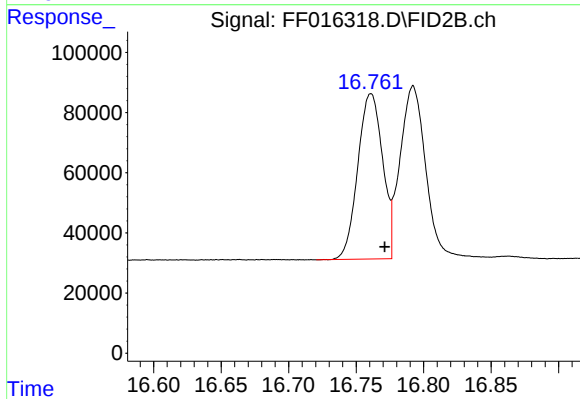
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.203 min
Delta R.T.: -0.008 min
Response: 715998
Conc: 5.41 ug/ml



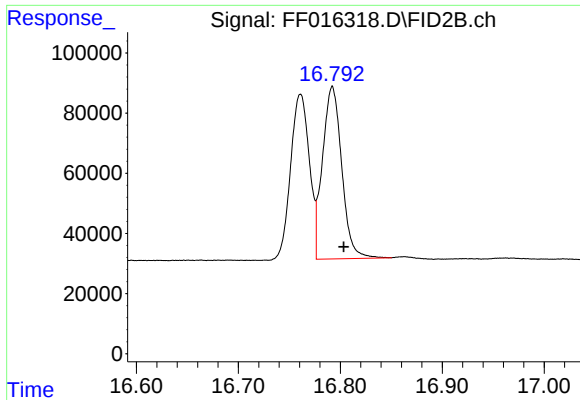
#15 Chrysene (C27.41)

R.T.: 15.244 min
Delta R.T.: -0.010 min
Response: 887413
Conc: 6.51 ug/ml



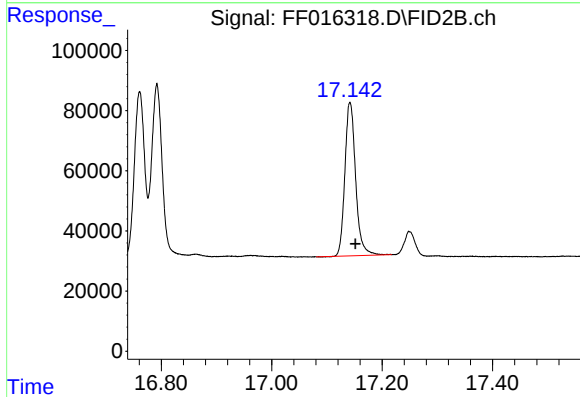
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.761 min
Delta R.T.: -0.010 min
Response: 702845
Conc: 5.39 ug/ml



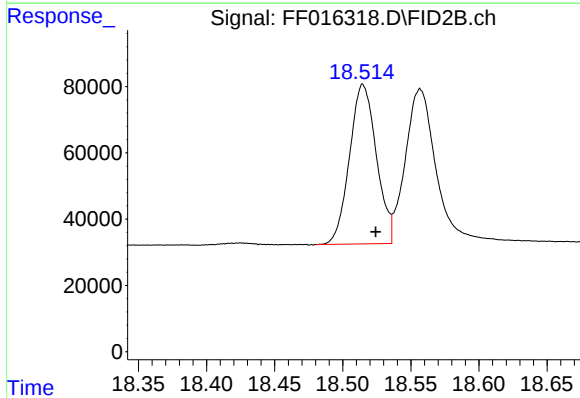
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.792 min
Delta R.T.: -0.011 min
Response: 752850
Conc: 6.02 ug/ml



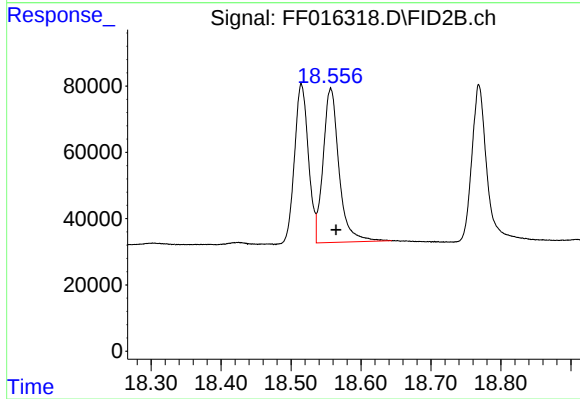
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: -0.010 min
Response: 689023
Conc: 5.39 ug/ml



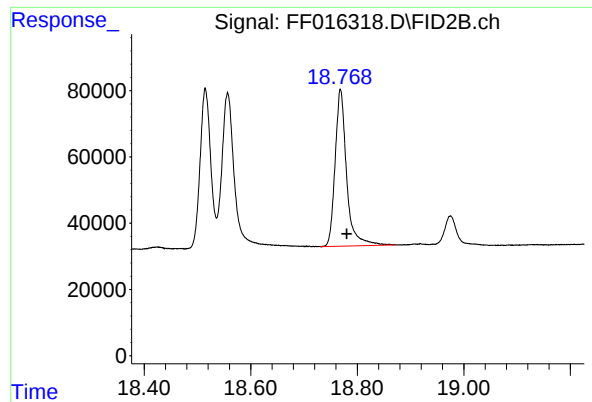
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.515 min
Delta R.T.: -0.009 min
Response: 658717
Conc: 5.77 ug/ml



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

R.T.: 18.557 min
Delta R.T.: -0.007 min
Response: 734621
Conc: 5.85 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.012 min
Response: 706816
Conc: 5.73 ug/ml