

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100322AR\
 Data File : FD044015.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2022 11:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 13:02:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.419	3141290	23.874 ug/ml
Spiked Amount 50.000		Recovery =	47.75%
6) S 2-Fluorobiphenyl (SURR)	8.274	1785550	24.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.50%
11) S ortho-Terphenyl (SURR)	11.303	3927673	21.083 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3668948	24.413 ug/mlm
2) T Naphthalene (C11.7)	5.761	3532115	24.805 ug/mlm
3) T 2-Methylnaphthalene (...)	6.806	3648562	24.940 ug/ml
5) T Acenaphthylene (C15.06)	8.074	3337538	21.629 ug/ml
7) T Acenaphthene (C15.5)	8.366	3705147	21.172 ug/ml
8) T Flouorene (C16.55)	9.147	3252801	22.130 ug/mlm
9) T Phenanthrene (C19.36)	10.538	3032265	20.954 ug/ml
10) T Anthracene (C19.43)	10.614	3001627	20.453 ug/ml
12) T Fluoranthene (C21.85)	12.343	2997555	19.544 ug/ml
13) T Pyrene (C20.8)	12.637	2952975	19.851 ug/ml
14) T Benzo[a]anthracene (C...	14.506	2476931	22.157 ug/ml
15) T Chrysene (C27.41)	14.548	3039112	19.446 ug/ml
16) T benzo[b]fluoranthene ...	16.052	2401651	20.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	2965420	19.974 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	2471320	20.403 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	1487887	15.649 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	2184591	18.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	2003423	17.580 ug/ml

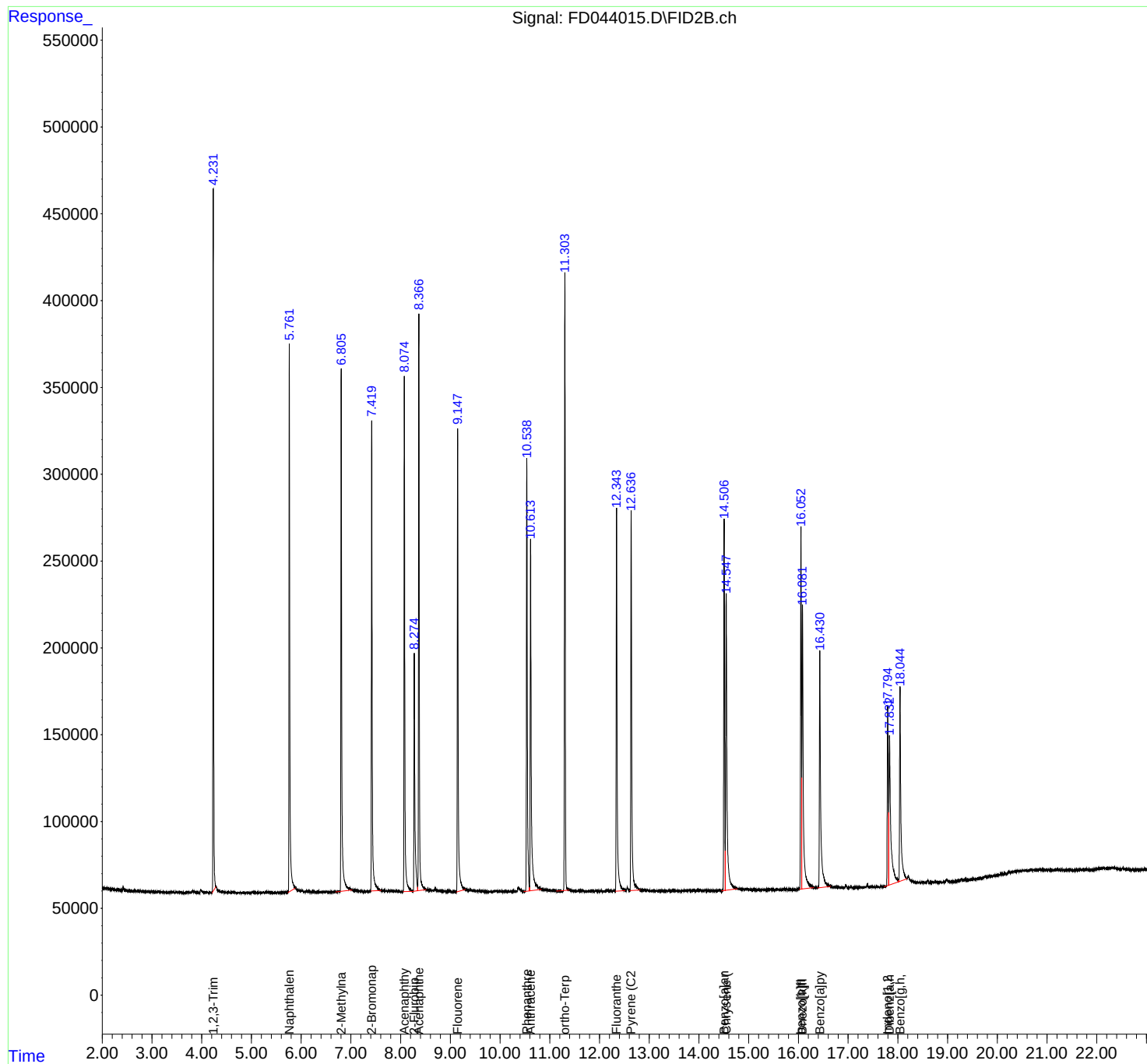
(f)=RT Delta > 1/2 Window

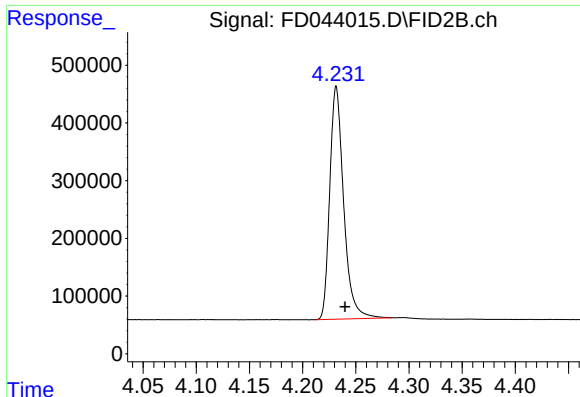
(m)=manual int.

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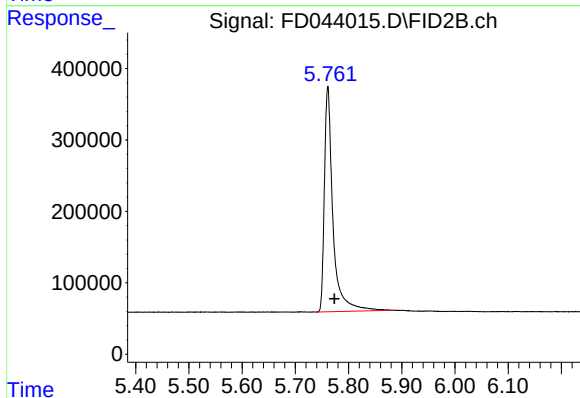
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





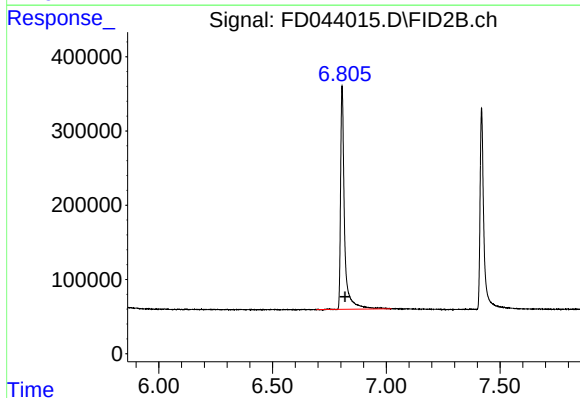
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 3668948
Conc: 24.41 ug/ml m



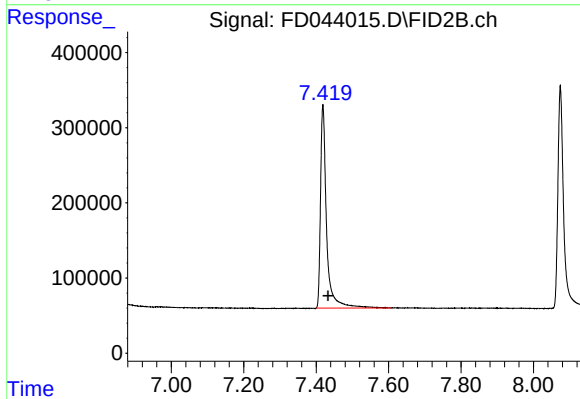
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.013 min
Response: 3532115
Conc: 24.80 ug/ml m



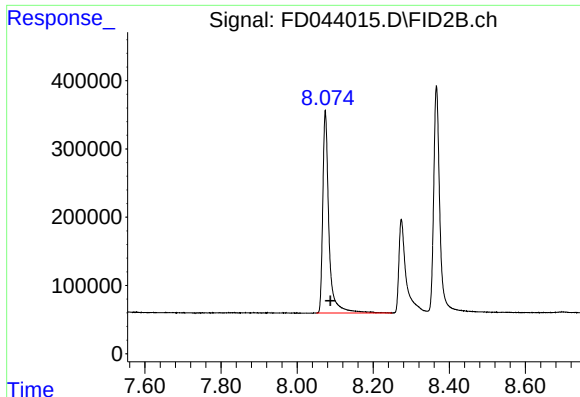
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: -0.013 min
Response: 3648562
Conc: 24.94 ug/ml



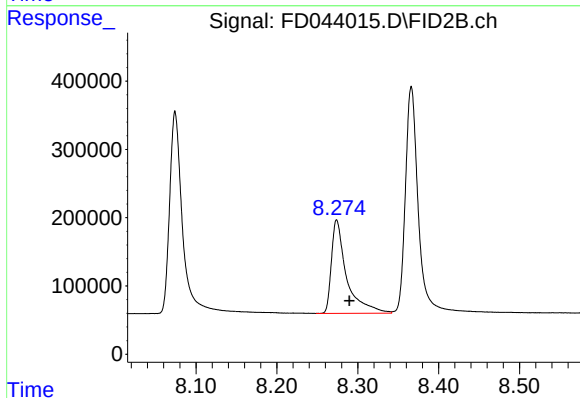
#4 2-Bromonaphthalene (SURR)

R.T.: 7.419 min
Delta R.T.: -0.014 min
Response: 3141290
Conc: 23.87 ug/ml



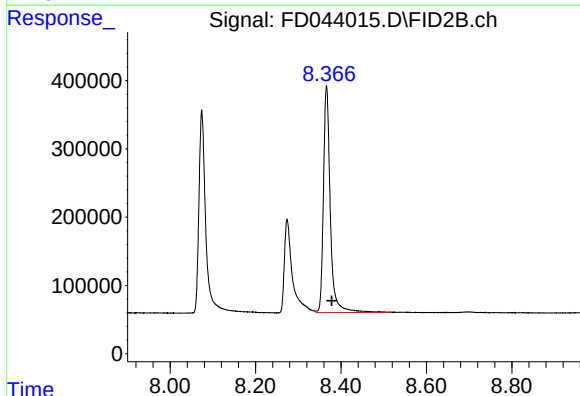
#5 Acenaphthylene (C15.06)

R.T.: 8.074 min
Delta R.T.: -0.013 min
Response: 3337538
Conc: 21.63 ug/ml



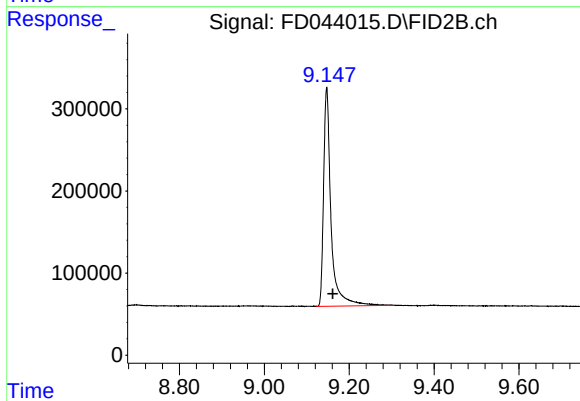
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.015 min
Response: 1785550
Conc: 24.75 ug/ml



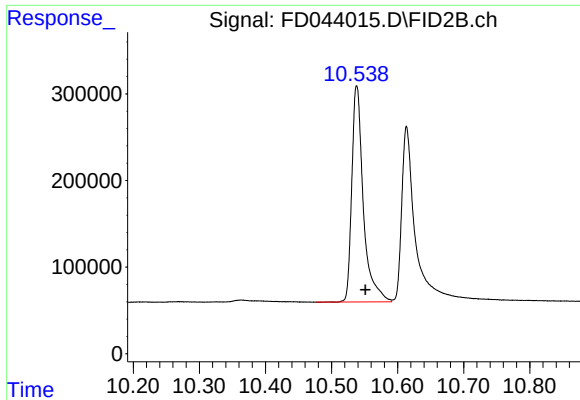
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.012 min
Response: 3705147
Conc: 21.17 ug/ml



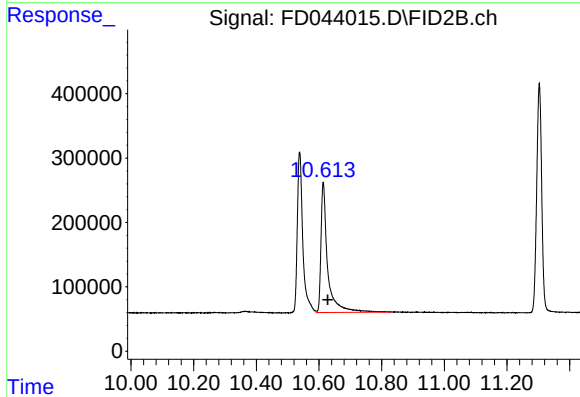
#8 Flouorene (C16.55)

R.T.: 9.147 min
Delta R.T.: -0.014 min
Response: 3252801
Conc: 22.13 ug/ml m



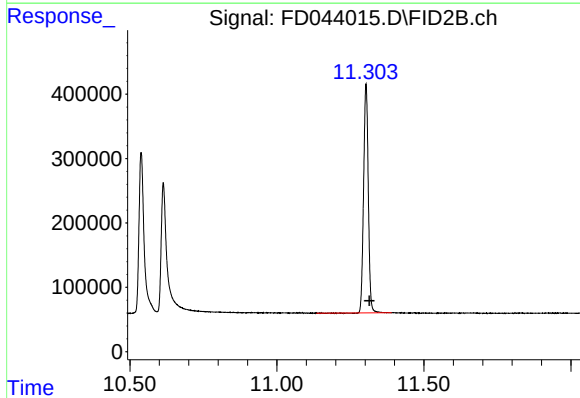
#9 Phenanthrene (C19.36)

R.T.: 10.538 min
Delta R.T.: -0.013 min
Response: 3032265
Conc: 20.95 ug/ml



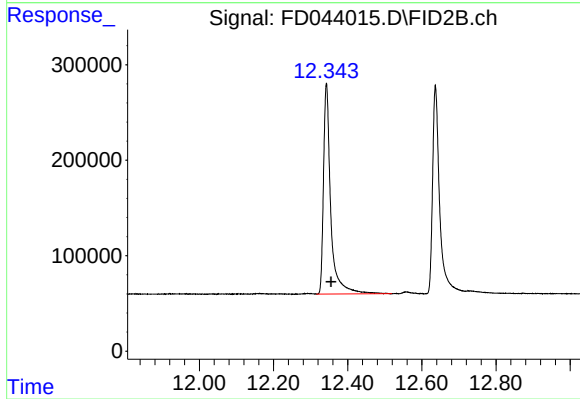
#10 Anthracene (C19.43)

R.T.: 10.614 min
Delta R.T.: -0.014 min
Response: 3001627
Conc: 20.45 ug/ml



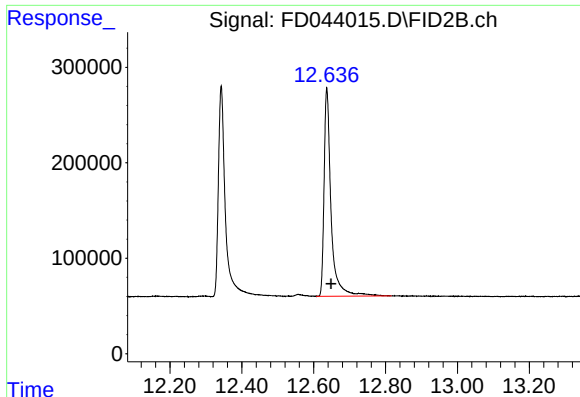
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.012 min
Response: 3927673
Conc: 21.08 ug/ml



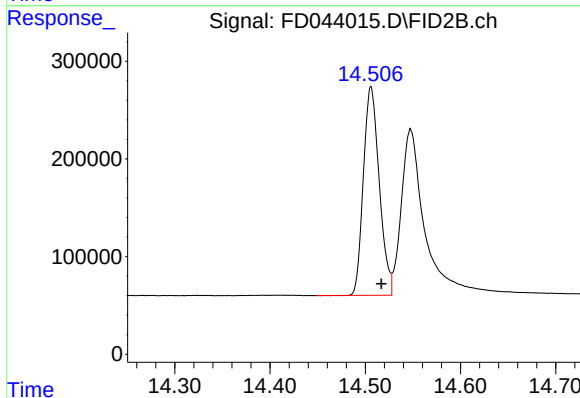
#12 Fluoranthene (C21.85)

R.T.: 12.343 min
Delta R.T.: -0.012 min
Response: 2997555
Conc: 19.54 ug/ml



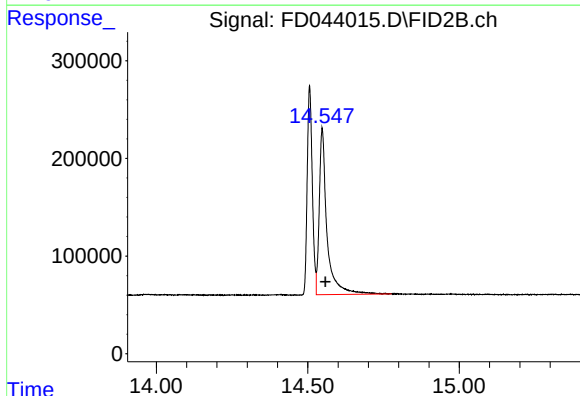
#13 Pyrene (C20.8)

R.T.: 12.637 min
Delta R.T.: -0.012 min
Response: 2952975
Conc: 19.85 ug/ml



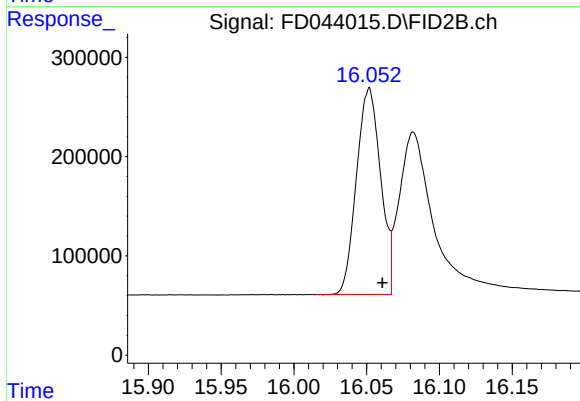
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: -0.011 min
Response: 2476931
Conc: 22.16 ug/ml



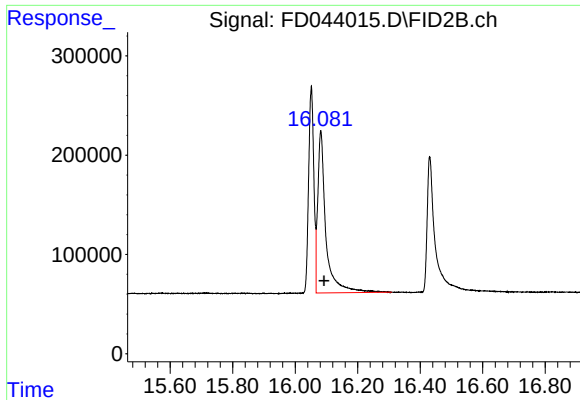
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.011 min
Response: 3039112
Conc: 19.45 ug/ml



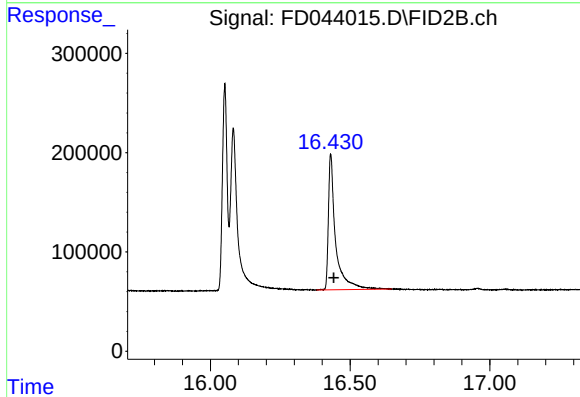
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.052 min
Delta R.T.: -0.009 min
Response: 2401651
Conc: 20.59 ug/ml



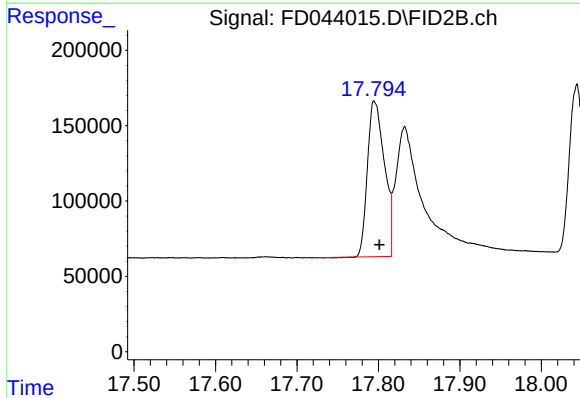
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.082 min
Delta R.T.: -0.010 min
Response: 2965420
Conc: 19.97 ug/ml



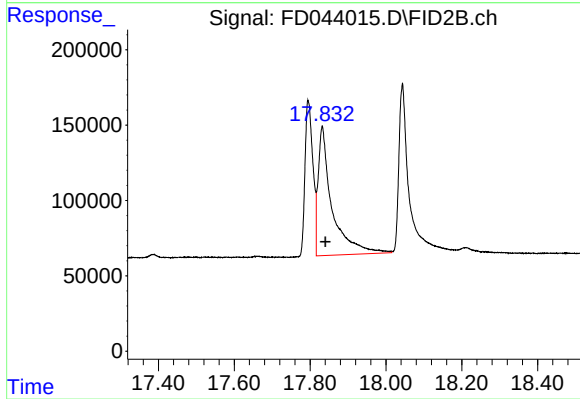
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.011 min
Response: 2471320
Conc: 20.40 ug/ml



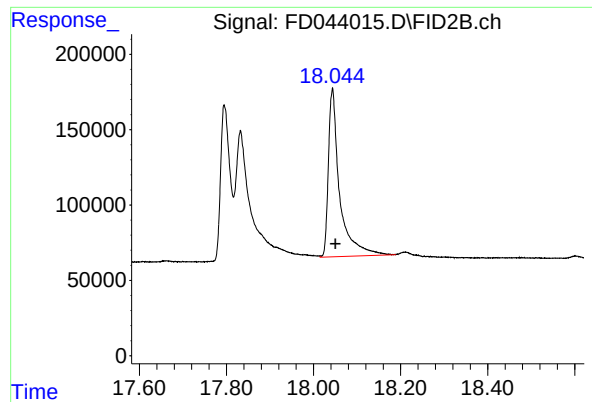
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.006 min
Response: 1487887
Conc: 15.65 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.008 min
Response: 2184591
Conc: 18.19 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.007 min
Response: 2003423
Conc: 17.58 ug/ml