

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047999.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 13:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 15 14:56:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.410	3026243	20.362 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
6) S 2-Fluorobiphenyl (SURR)	8.261	1951177	20.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.23%
11) S ortho-Terphenyl (SURR)	11.298	3376488	20.180 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	3373104	20.144 ug/ml
2) T Naphthalene (C11.7)	5.750	3519596	20.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	3516690	20.272 ug/ml
5) T Acenaphthylene (C15.06)	8.064	3461021	20.196 ug/ml
7) T Acenaphthene (C15.5)	8.358	3488875	20.112 ug/ml
8) T Flouorene (C16.55)	9.138	3347027	20.607 ug/ml
9) T Phenanthrene (C19.36)	10.525	3226722	20.318 ug/ml
10) T Anthracene (C19.43)	10.601	3169020	20.070 ug/ml
12) T Fluoranthene (C21.85)	12.330	3230480	20.403 ug/ml
13) T Pyrene (C20.8)	12.623	3191451	20.183 ug/ml
14) T Benzo[a]anthracene (C...	14.492	2843521	20.827 ug/ml
15) T Chrysene (C27.41)	14.533	3159821	19.601 ug/ml
16) T benzo[b]fluoranthene ...	16.038	2952262	20.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	2921600	19.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2909125	20.539 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	2277317	20.191 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	2903935	19.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	2947486	20.001 ug/ml

(f)=RT Delta > 1/2 Window

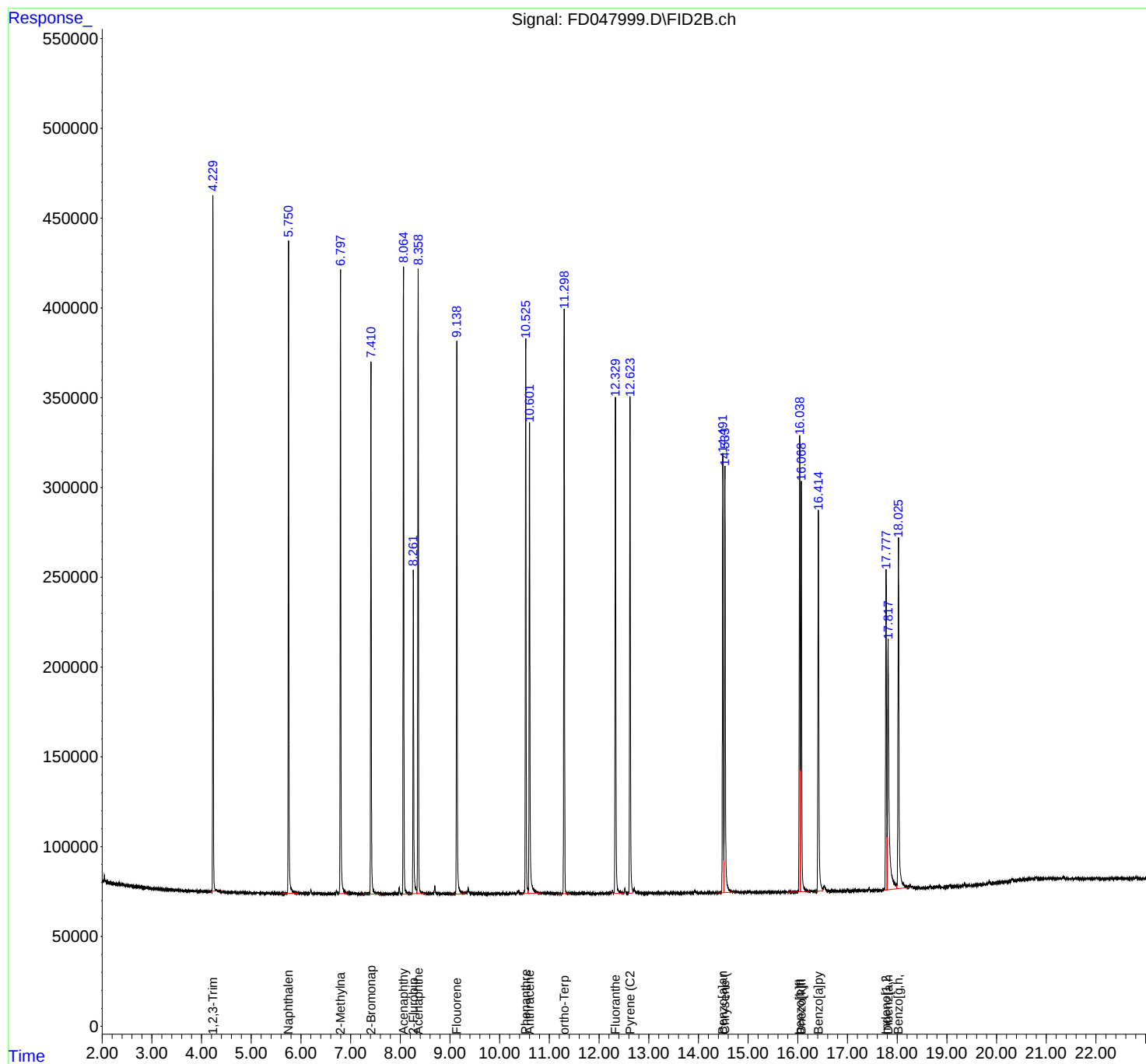
(m)=manual int.

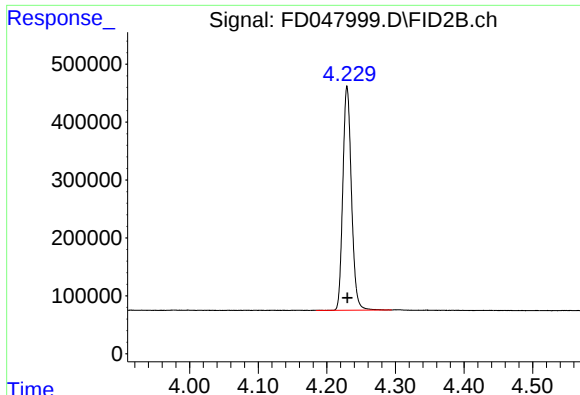
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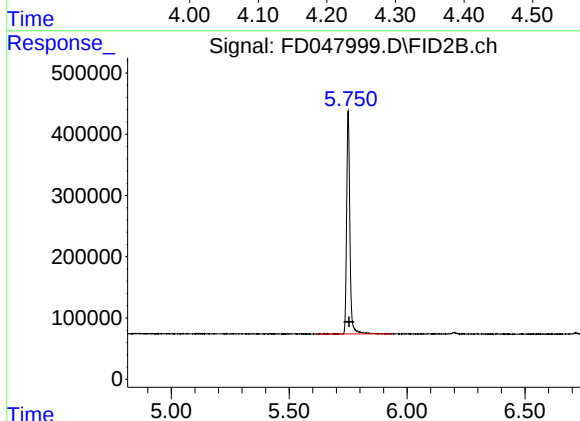




#1 1,2,3-Trimethylbenzene (C10.1)

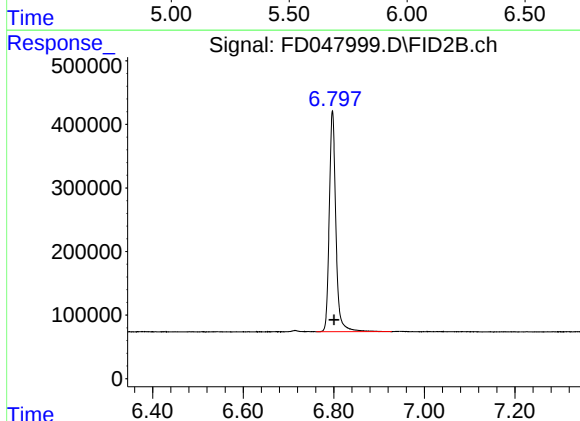
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 3373104
Conc: 20.14 ug/ml

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20 PPM AROMATIC HC STD ICV



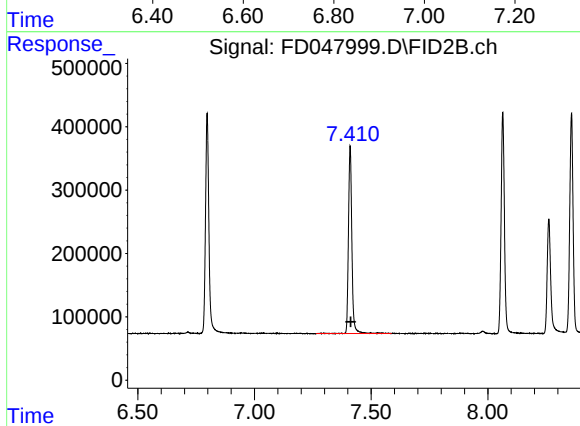
#2 Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 3519596
Conc: 20.37 ug/ml



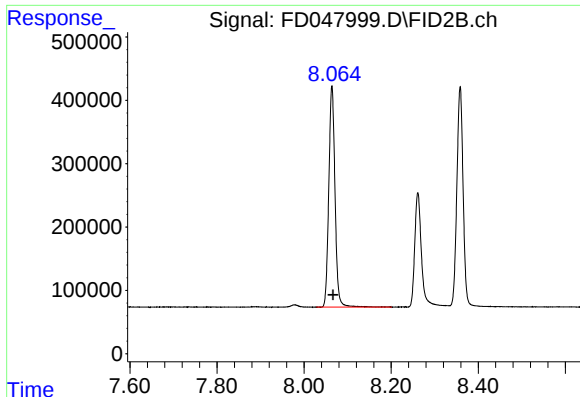
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 3516690
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

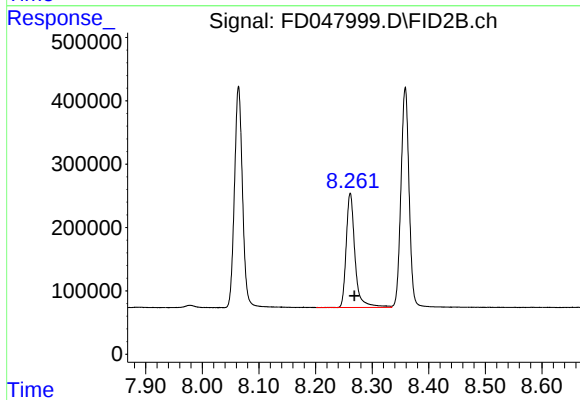
R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 3026243
Conc: 20.36 ug/ml



#5 Acenaphthylene (C15.06)

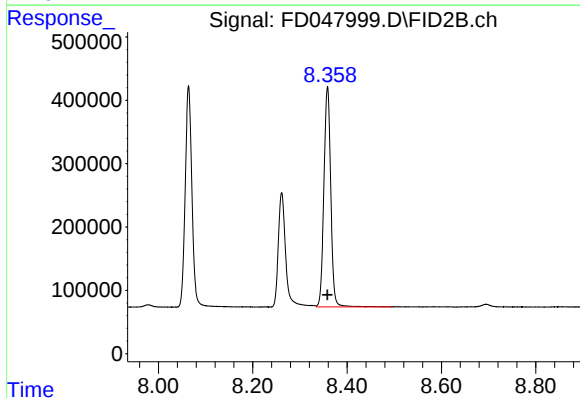
R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 3461021
Conc: 20.20 ug/ml

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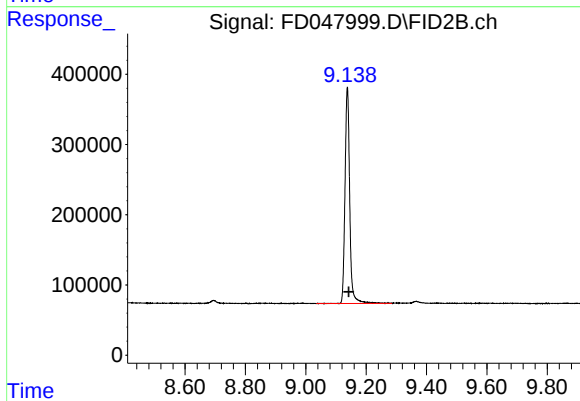
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 1951177
Conc: 20.62 ug/ml



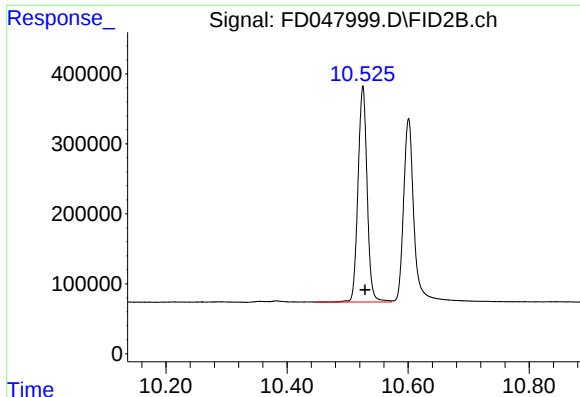
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 3488875
Conc: 20.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.138 min
Delta R.T.: -0.004 min
Response: 3347027
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

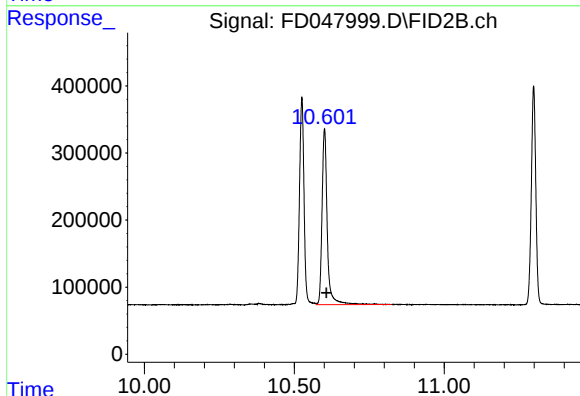
R.T.: 10.525 min
Delta R.T.: -0.004 min
Response: 3226722
Conc: 20.32 ug/ml

Instrument :

FID_D

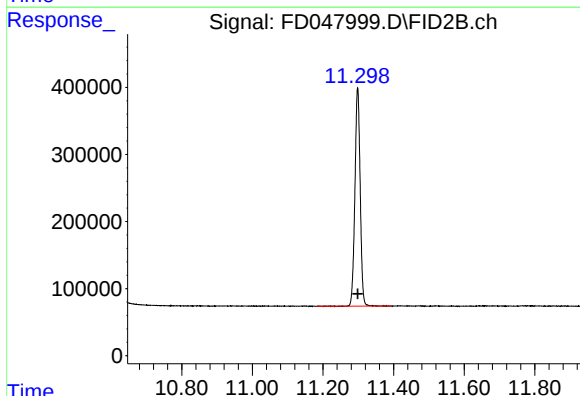
ClientSampleId :

20 PPM AROMATIC HC STD ICV



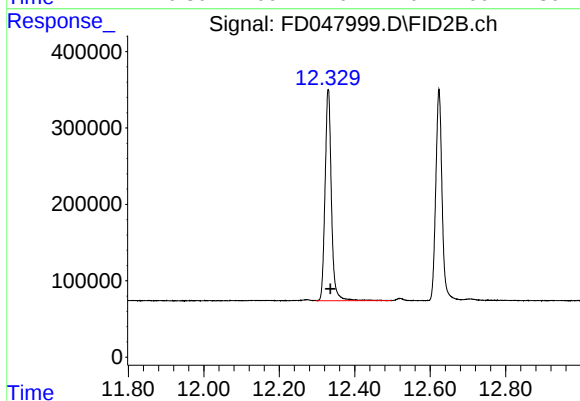
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: -0.006 min
Response: 3169020
Conc: 20.07 ug/ml



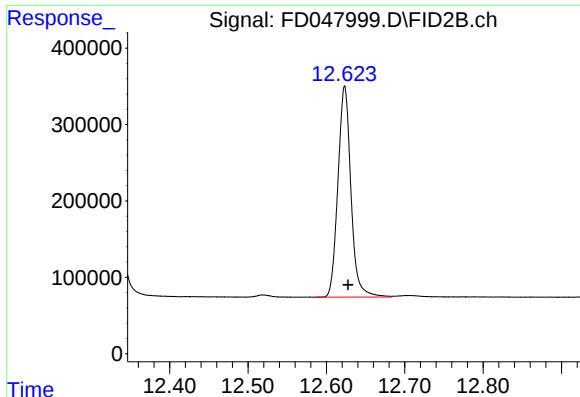
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 3376488
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.330 min
Delta R.T.: -0.006 min
Response: 3230480
Conc: 20.40 ug/ml



#13 Pyrene (C20.8)

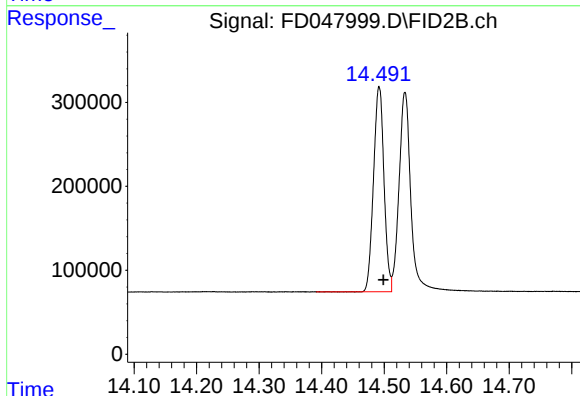
R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 3191451
Conc: 20.18 ug/ml

Instrument :

FID_D

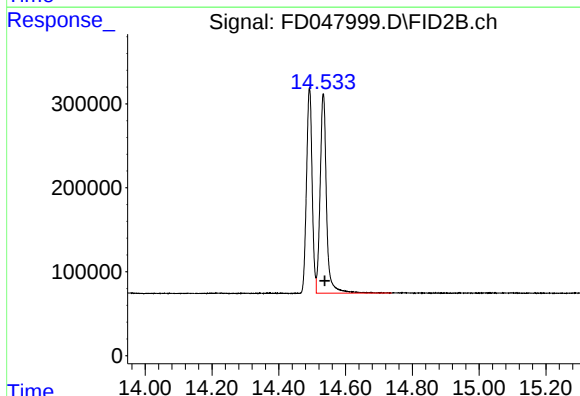
ClientSampleId :

20 PPM AROMATIC HC STD ICV



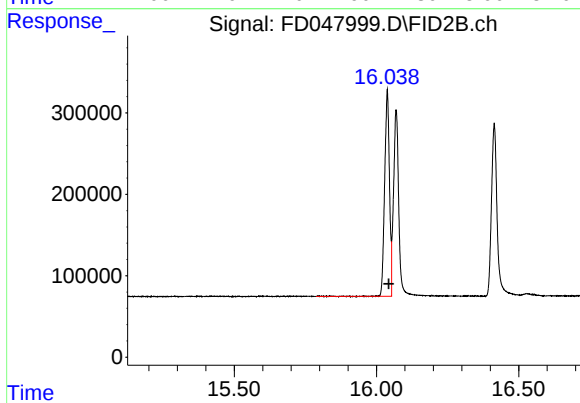
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.007 min
Response: 2843521
Conc: 20.83 ug/ml



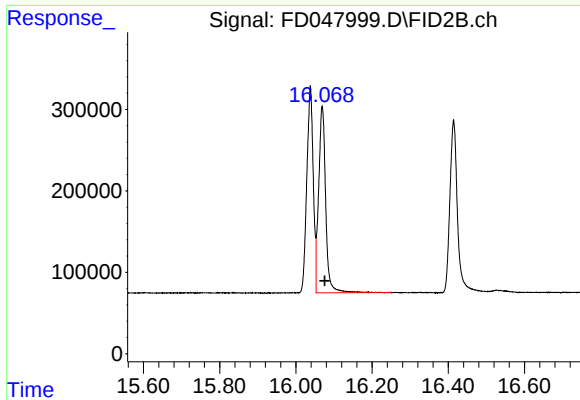
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.004 min
Response: 3159821
Conc: 19.60 ug/ml



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

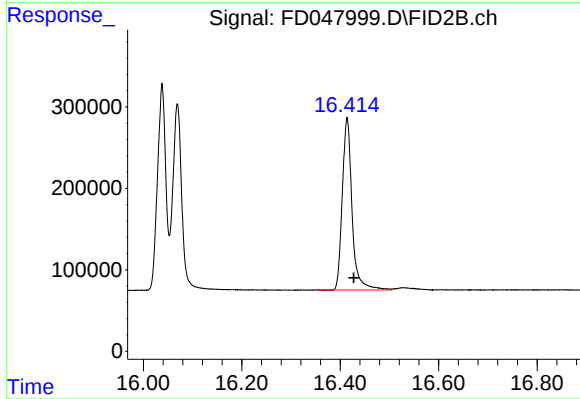
R.T.: 16.038 min
Delta R.T.: -0.005 min
Response: 2952262
Conc: 20.51 ug/ml



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

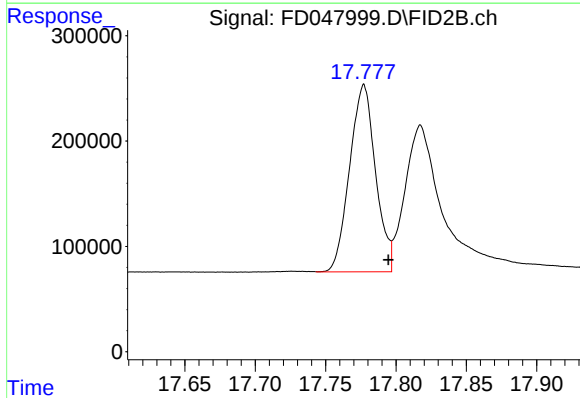
R.T.: 16.069 min
Delta R.T.: -0.007 min
Response: 2921600
Conc: 19.56 ug/ml

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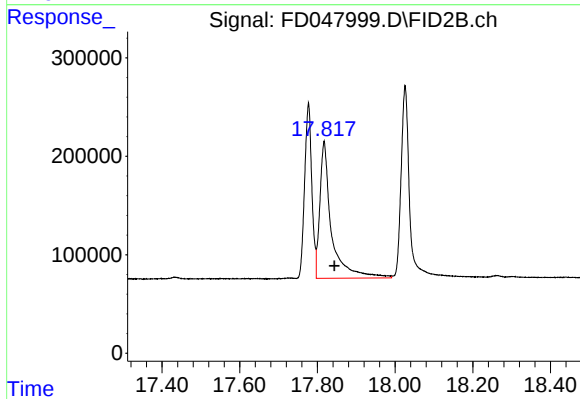
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: -0.013 min
Response: 2909125
Conc: 20.54 ug/ml



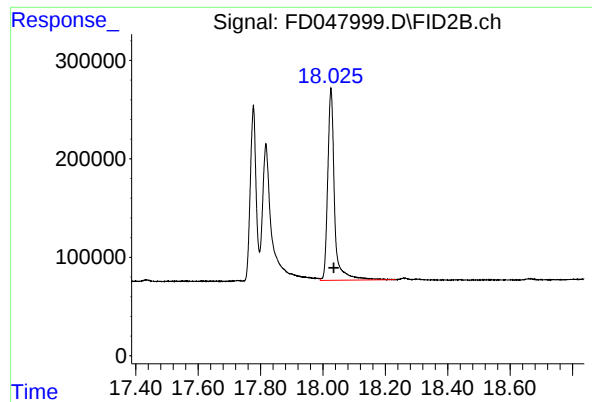
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: -0.018 min
Response: 2277317
Conc: 20.19 ug/ml



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

R.T.: 17.817 min
Delta R.T.: -0.026 min
Response: 2903935
Conc: 19.98 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.009 min
Response: 2947486
Conc: 20.00 ug/ml

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