

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046262.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2023 16:57
 Operator : YP/AJ
 Sample : 03756-20MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 307/308-TP-6-8-CS3MSD

Integration File: autoint1.e
 Quant Time: Aug 04 07:29:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 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

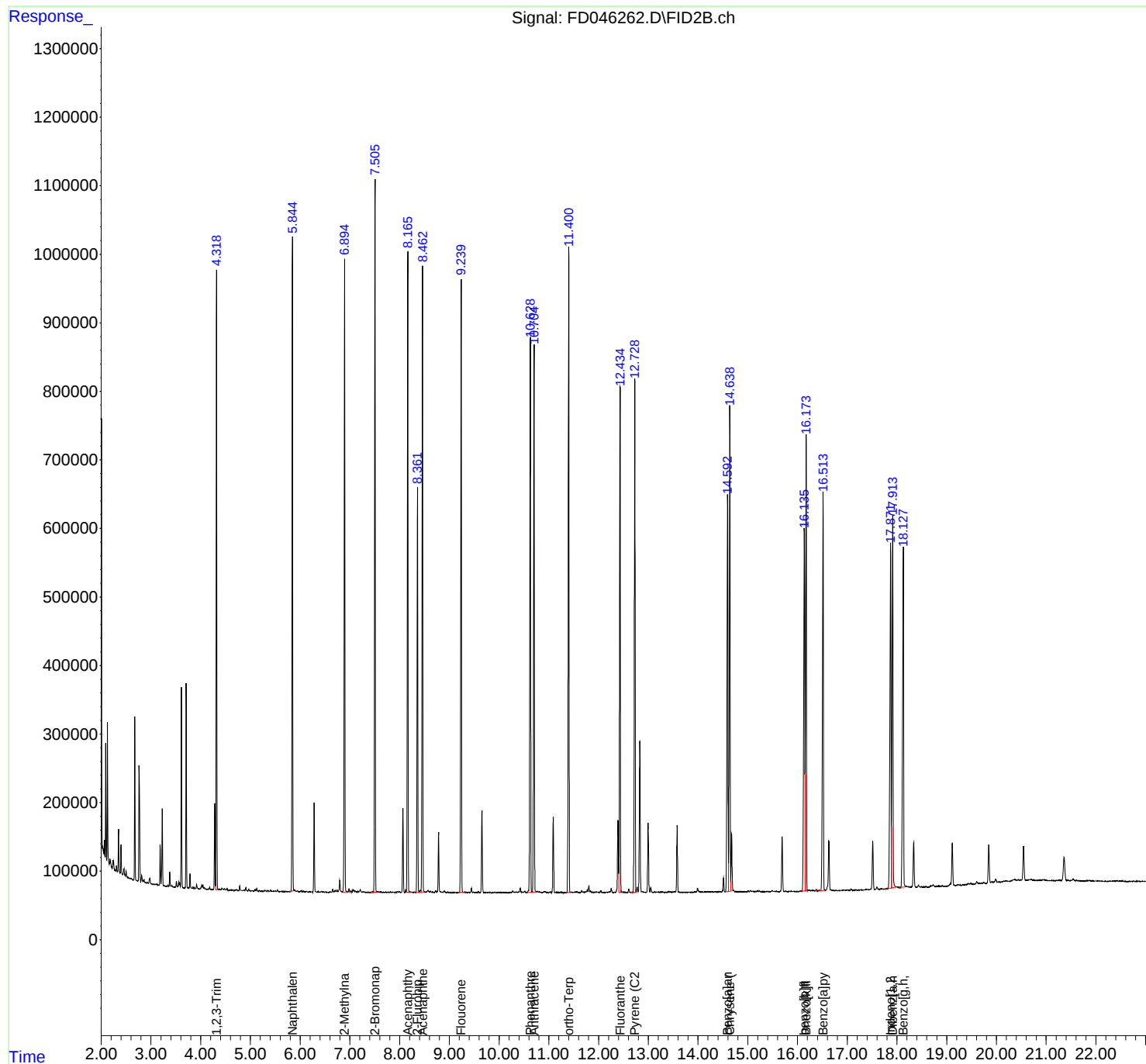
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.505	9947311	66.546 ug/ml
Spiked Amount 50.000		Recovery =	133.09%
6) S 2-Fluorobiphenyl (SURR)	8.360	6067002	64.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.62%
11) S ortho-Terphenyl (SURR)	11.400	10672687	61.113 ug/ml
Spiked Amount 50.000		Recovery =	122.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	7749296	42.533 ug/ml
2) T Naphthalene (C11.7)	5.844	8763813	48.522 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	9082359	51.604 ug/ml
5) T Acenaphthylene (C15.06)	8.165	9327871	61.136 ug/ml
7) T Acenaphthene (C15.5)	8.461	9373764	57.486 ug/ml
8) T Fluorene (C16.55)	9.239	9263209	60.878 ug/ml
9) T Phenanthrene (C19.36)	10.629	8909451	61.873 ug/ml
10) T Anthracene (C19.43)	10.704	8496759	64.925 ug/ml
12) T Fluoranthene (C21.85)	12.433	8541158	61.125 ug/ml
13) T Pyrene (C20.8)	12.728	8564797	61.797 ug/ml
14) T Benzo[a]anthracene (C...	14.592	8094952	61.671 ug/ml
15) T Chrysene (C27.41)	14.637	8022304	56.895 ug/ml
16) T benzo[b]fluoranthene ...	16.136	8111741	59.312 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	7988547	58.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	7662242	58.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	7591317	63.117 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	7315784	57.201 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	7230260	56.990 ug/ml

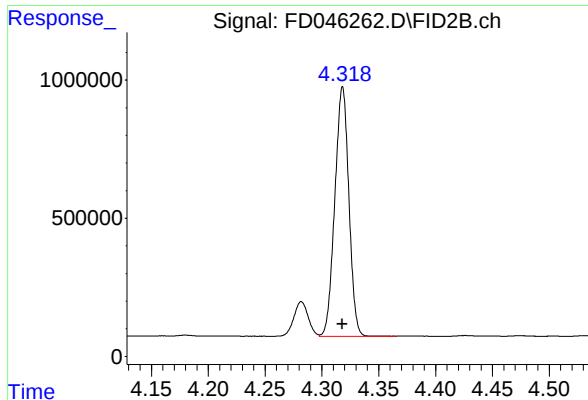
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

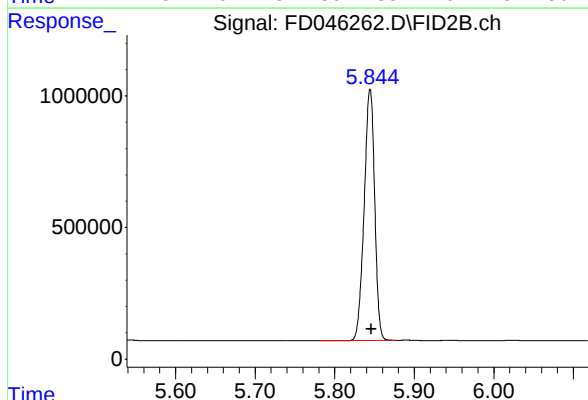




#1 1,2,3-Trimethylbenzene (C10.1)

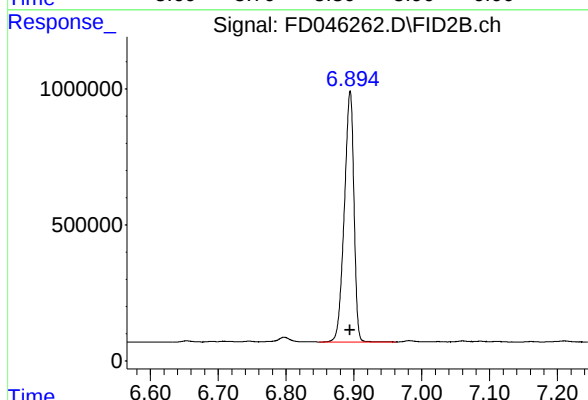
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 7749296
Conc: 42.53 ug/ml

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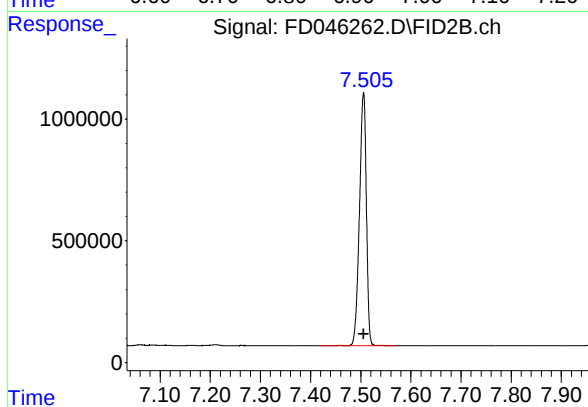
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 8763813
Conc: 48.52 ug/ml



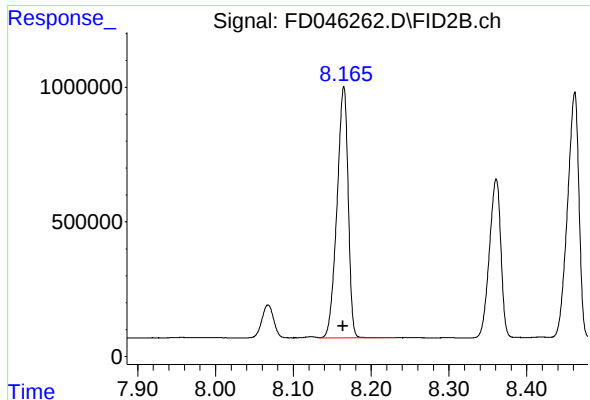
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 9082359
Conc: 51.60 ug/ml



#4 2-Bromonaphthalene (SURR)

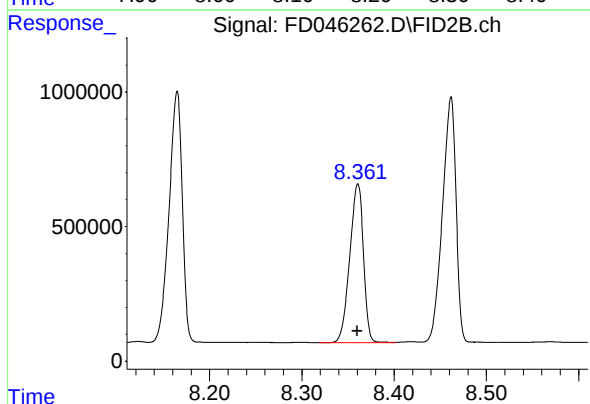
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 9947311
Conc: 66.55 ug/ml



#5 Acenaphthylene (C15.06)

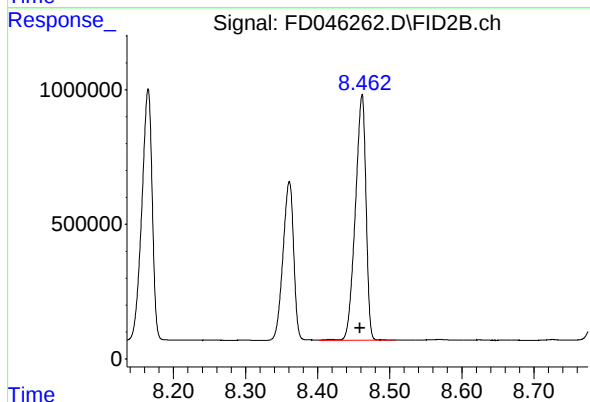
R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 9327871
Conc: 61.14 ug/ml

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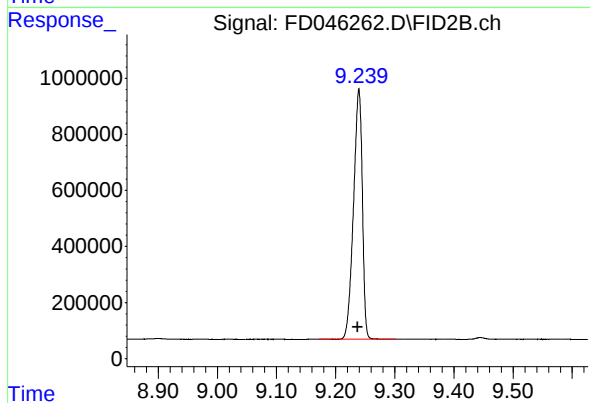
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 6067002
Conc: 64.81 ug/ml



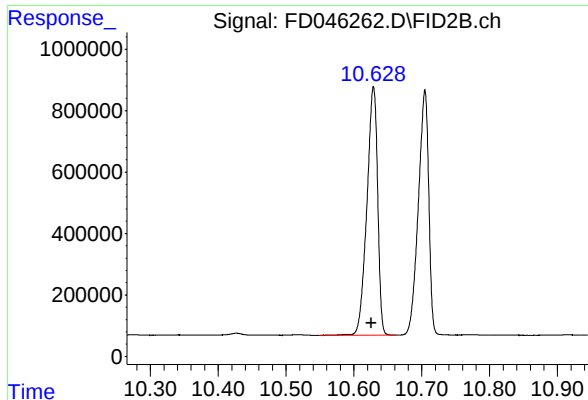
#7 Acenaphthene (C15.5)

R.T.: 8.461 min
Delta R.T.: 0.003 min
Response: 9373764
Conc: 57.49 ug/ml



#8 Flouorene (C16.55)

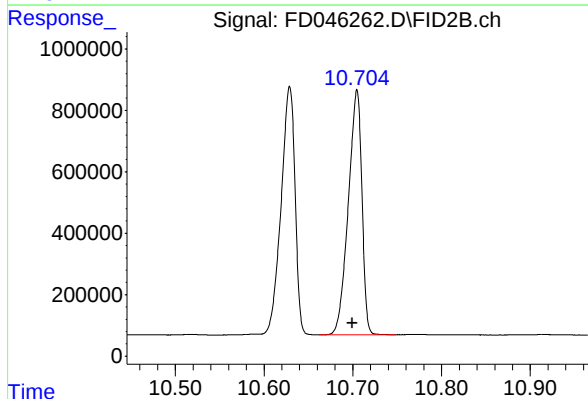
R.T.: 9.239 min
Delta R.T.: 0.002 min
Response: 9263209
Conc: 60.88 ug/ml



#9 Phenanthrene (C19.36)

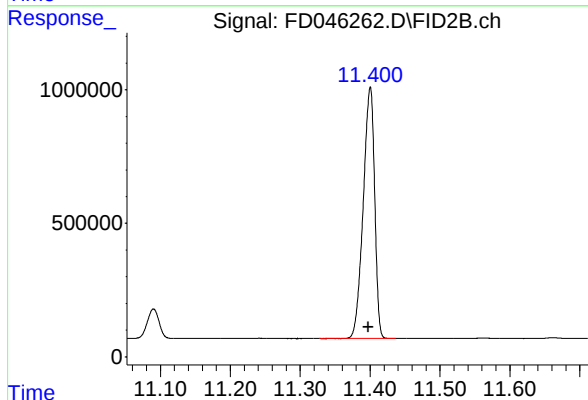
R.T.: 10.629 min
Delta R.T.: 0.003 min
Response: 8909451
Conc: 61.87 ug/ml

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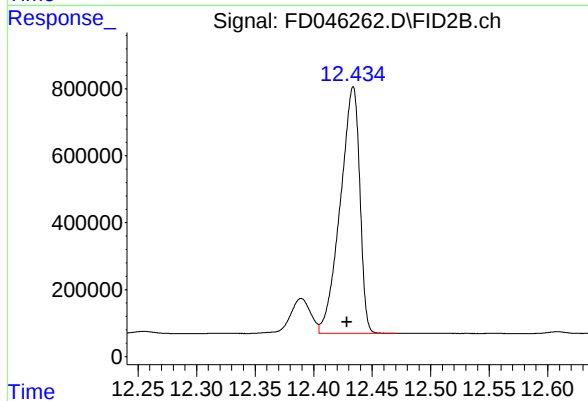
#10 Anthracene (C19.43)

R.T.: 10.704 min
Delta R.T.: 0.005 min
Response: 8496759
Conc: 64.93 ug/ml



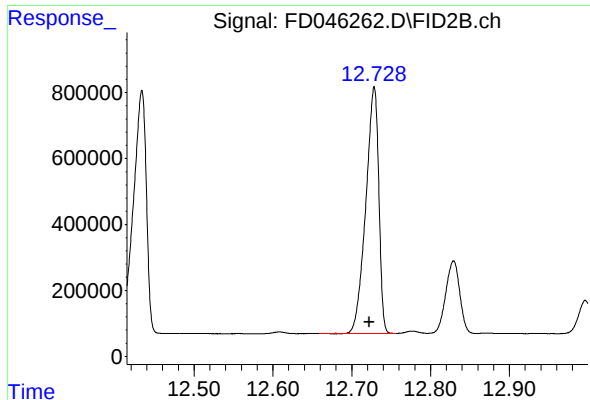
#11 ortho-Terphenyl (SURRE)

R.T.: 11.400 min
Delta R.T.: 0.002 min
Response: 10672687
Conc: 61.11 ug/ml



#12 Fluoranthene (C21.85)

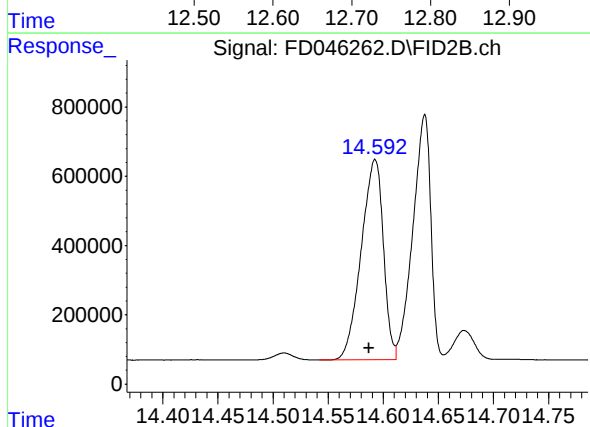
R.T.: 12.433 min
Delta R.T.: 0.005 min
Response: 8541158
Conc: 61.13 ug/ml



#13 Pyrene (C20.8)

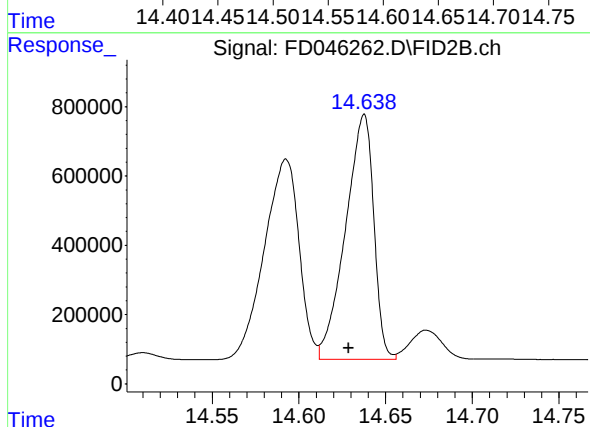
R.T.: 12.728 min
Delta R.T.: 0.006 min
Response: 8564797
Conc: 61.80 ug/ml

Instrument :
FID_D
ClientSampleId :
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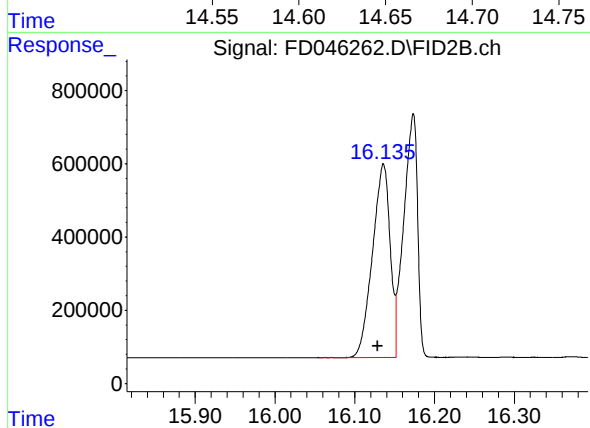
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 8094952
Conc: 61.67 ug/ml



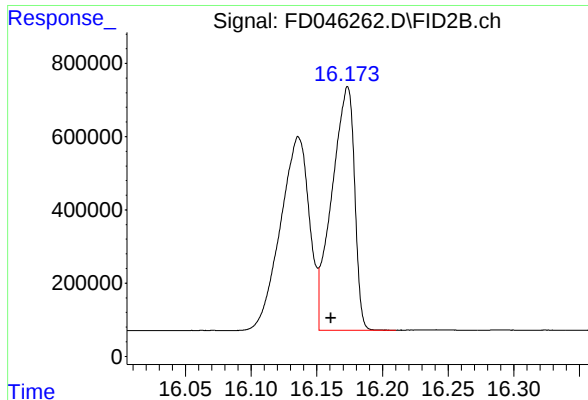
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.008 min
Response: 8022304
Conc: 56.89 ug/ml



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

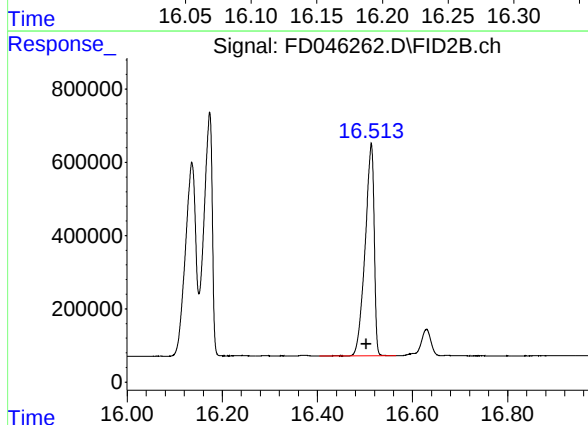
R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 8111741
Conc: 59.31 ug/ml



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

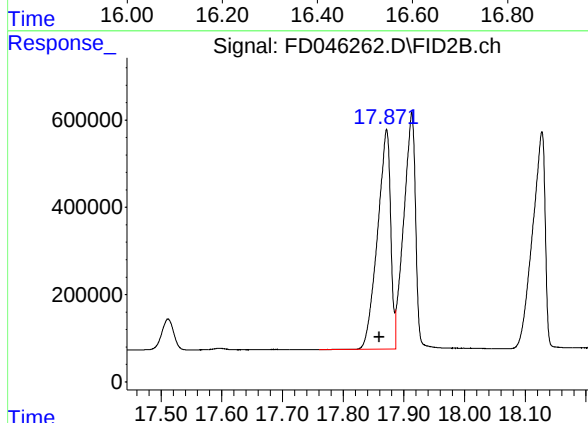
R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 7988547
Conc: 58.28 ug/ml

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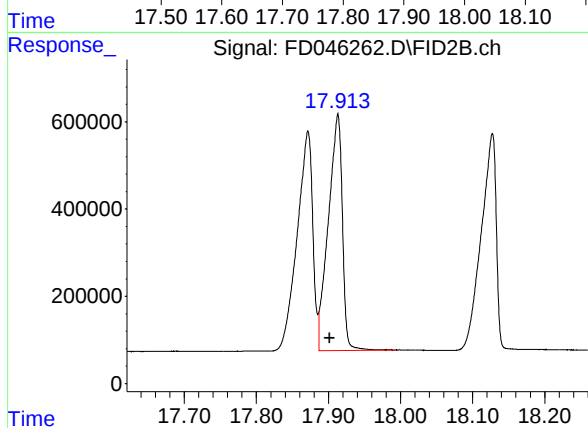
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 7662242
Conc: 58.86 ug/ml



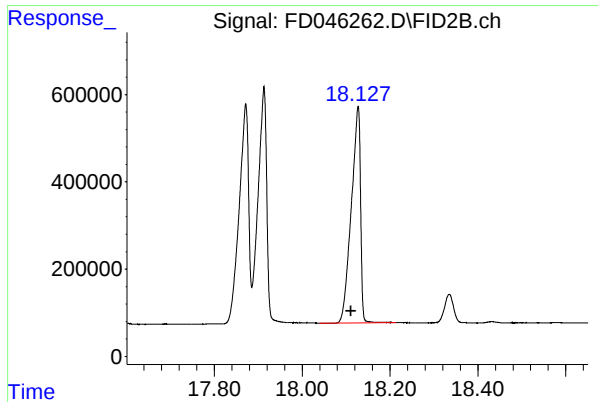
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: 0.012 min
Response: 7591317
Conc: 63.12 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.011 min
Response: 7315784
Conc: 57.20 ug/ml



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

R.T.: 18.127 min
Delta R.T.: 0.015 min
Response: 7230260
Conc: 56.99 ug/ml

Instrument :
FID_D
ClientSampleId :
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