

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046133.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 18:29
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 20 03:04:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 02:58:14 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...	7.508	7252038	50.394 ug/ml
Spiked Amount 50.000		Recovery =	100.79%
6) S 2-Fluorobiphenyl (SURR)	8.362	4583535	50.327 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.65%
11) S ortho-Terphenyl (SURR)	11.401	8280592	49.979 ug/ml
Spiked Amount 50.000		Recovery =	99.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.320	8722247	50.461 ug/ml
2) T Naphthalene (C11.7)	5.848	8740792	50.597 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	8548310	50.530 ug/ml
5) T Acenaphthylene (C15.06)	8.167	7384463	50.325 ug/ml
7) T Acenaphthene (C15.5)	8.464	7879784	50.279 ug/ml
8) T Fluorene (C16.55)	9.241	7401127	50.185 ug/ml
9) T Phenanthrene (C19.36)	10.630	6886736	49.847 ug/ml
10) T Anthracene (C19.43)	10.704	6267186	49.955 ug/ml
12) T Fluoranthene (C21.85)	12.434	6562612	49.601 ug/ml
13) T Pyrene (C20.8)	12.729	6472491	49.687 ug/ml
14) T Benzo[a]anthracene (C...	14.594	6258884	49.853 ug/ml
15) T Chrysene (C27.41)	14.637	6513787	49.743 ug/ml
16) T benzo[b]fluoranthene ...	16.137	6553186	49.905 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	6419269	49.543 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	6305376	49.995 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	5939514	50.102 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	6084826	50.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	6169870	50.286 ug/ml

(f)=RT Delta > 1/2 Window

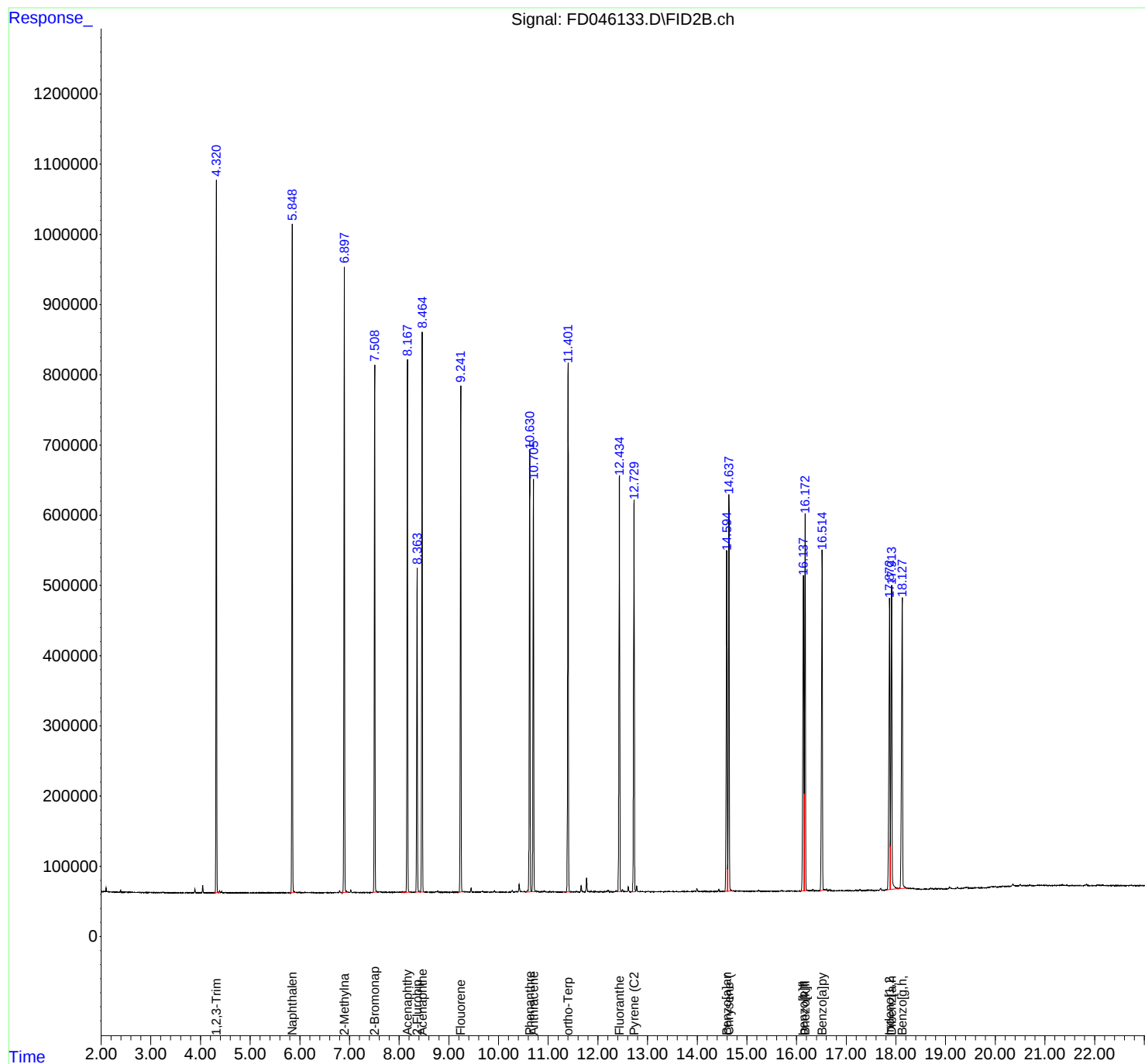
(m)=manual int.

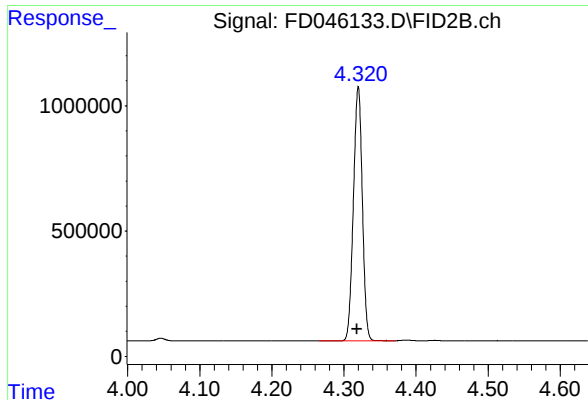
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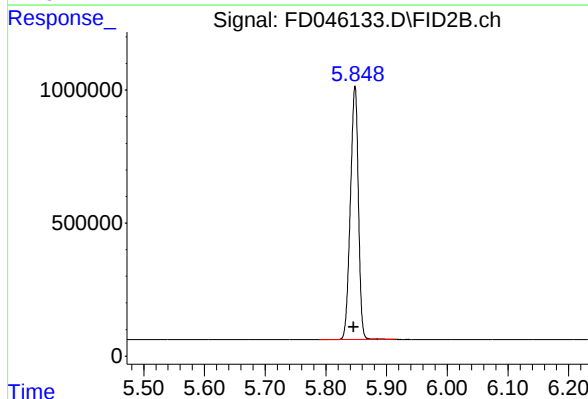




#1 1,2,3-Trimethylbenzene (C10.1)

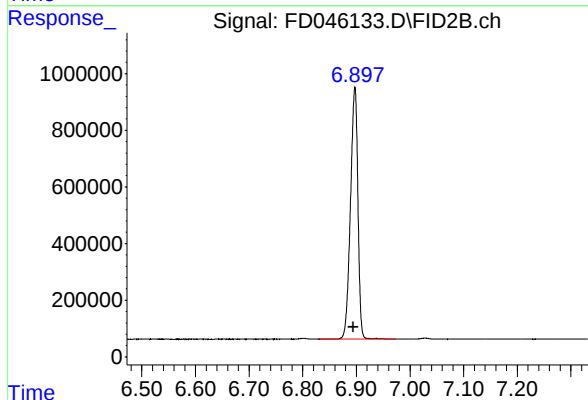
R.T.: 4.320 min
Delta R.T.: 0.002 min
Response: 8722247
Conc: 50.46 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



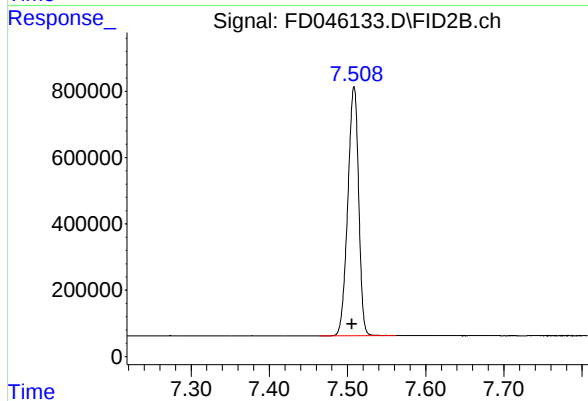
#2 Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 8740792
Conc: 50.60 ug/ml



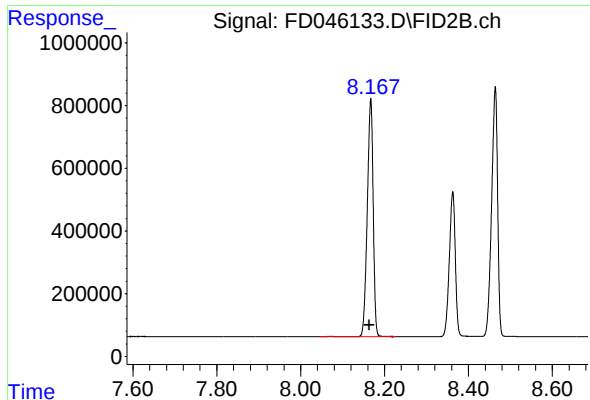
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: 0.003 min
Response: 8548310
Conc: 50.53 ug/ml



#4 2-Bromonaphthalene (SURR)

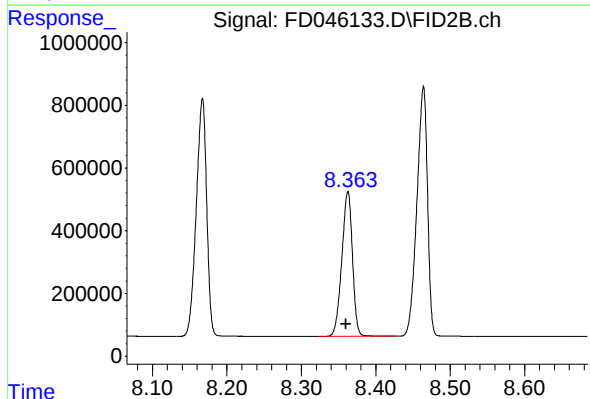
R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 7252038
Conc: 50.39 ug/ml



#5 Acenaphthylene (C15.06)

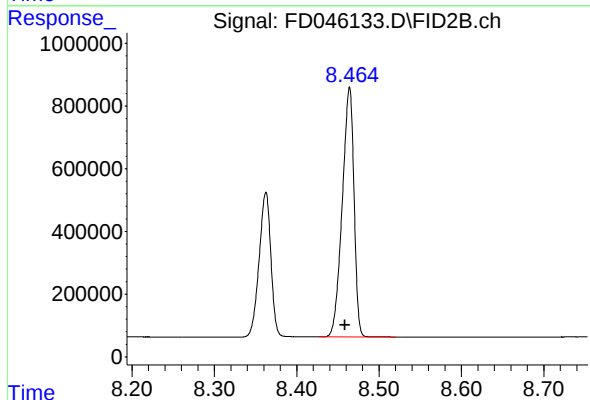
R.T.: 8.167 min
Delta R.T.: 0.003 min
Response: 7384463
Conc: 50.32 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



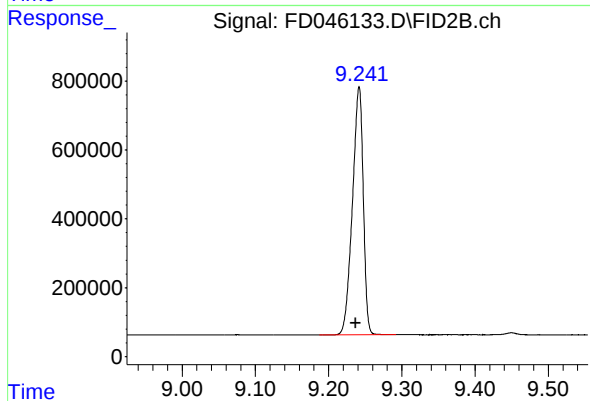
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.362 min
Delta R.T.: 0.002 min
Response: 4583535
Conc: 50.33 ug/ml



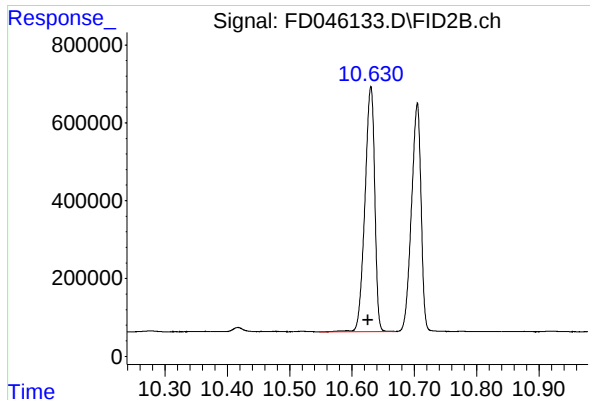
#7 Acenaphthene (C15.5)

R.T.: 8.464 min
Delta R.T.: 0.005 min
Response: 7879784
Conc: 50.28 ug/ml



#8 Fluorene (C16.55)

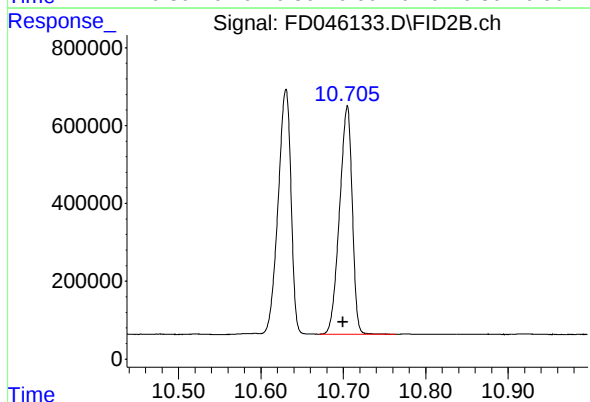
R.T.: 9.241 min
Delta R.T.: 0.004 min
Response: 7401127
Conc: 50.18 ug/ml



#9 Phenanthrene (C19.36)

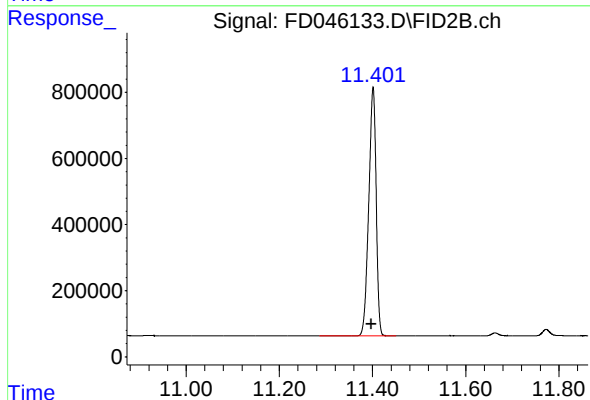
R.T.: 10.630 min
Delta R.T.: 0.004 min
Response: 6886736
Conc: 49.85 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



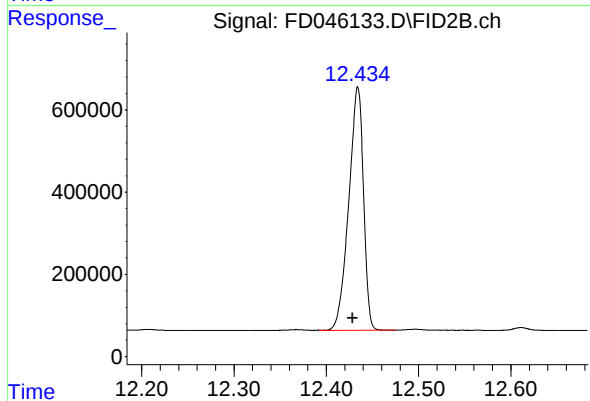
#10 Anthracene (C19.43)

R.T.: 10.704 min
Delta R.T.: 0.005 min
Response: 6267186
Conc: 49.96 ug/ml



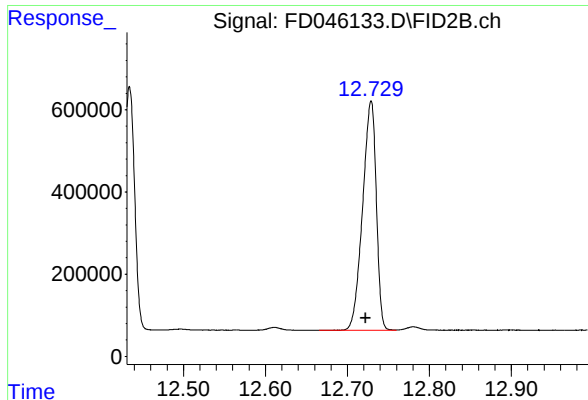
#11 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: 0.004 min
Response: 8280592
Conc: 49.98 ug/ml



#12 Fluoranthene (C21.85)

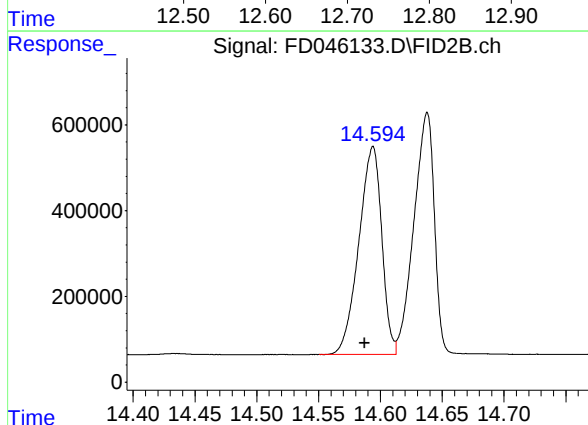
R.T.: 12.434 min
Delta R.T.: 0.005 min
Response: 6562612
Conc: 49.60 ug/ml



#13 Pyrene (C20.8)

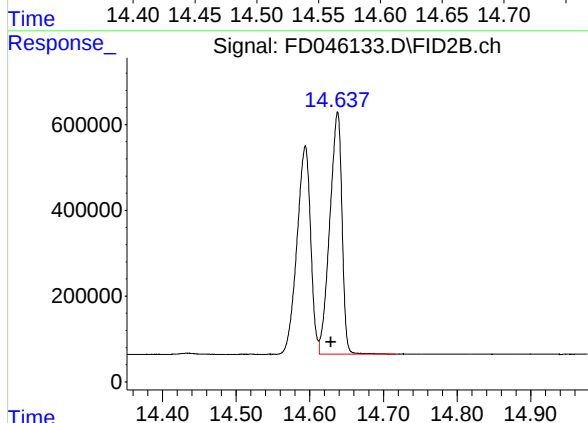
R.T.: 12.729 min
Delta R.T.: 0.006 min
Response: 6472491
Conc: 49.69 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



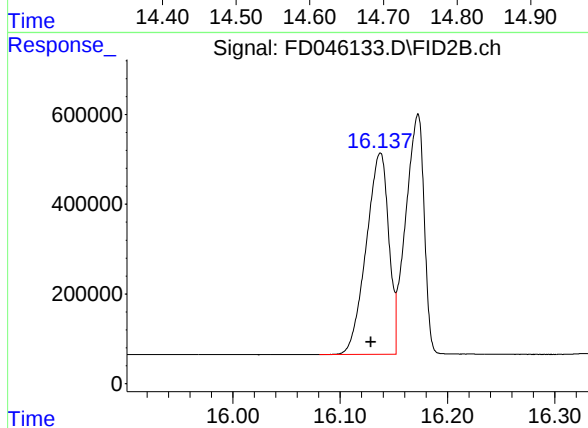
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.006 min
Response: 6258884
Conc: 49.85 ug/ml



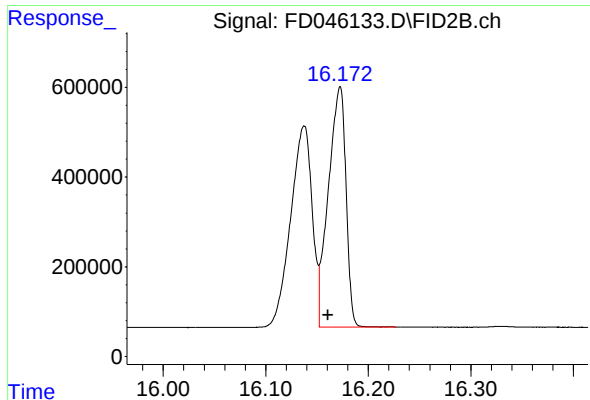
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.009 min
Response: 6513787
Conc: 49.74 ug/ml



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

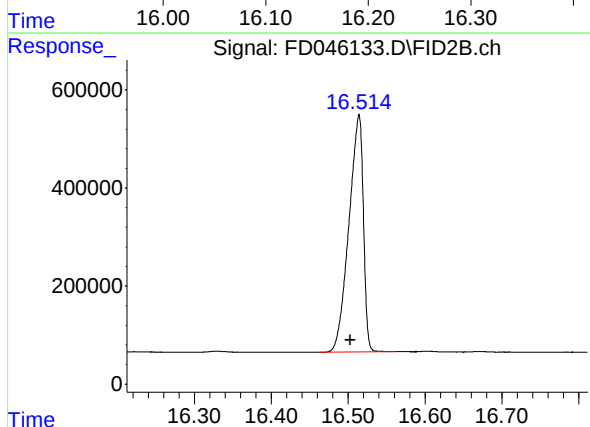
R.T.: 16.137 min
Delta R.T.: 0.008 min
Response: 6553186
Conc: 49.91 ug/ml



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

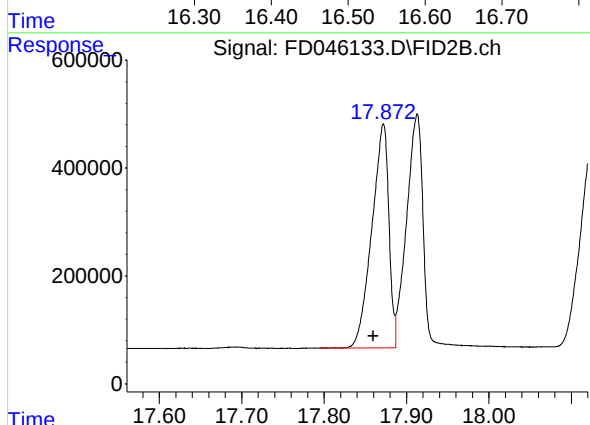
R.T.: 16.172 min
Delta R.T.: 0.011 min
Response: 6419269
Conc: 49.54 ug/ml

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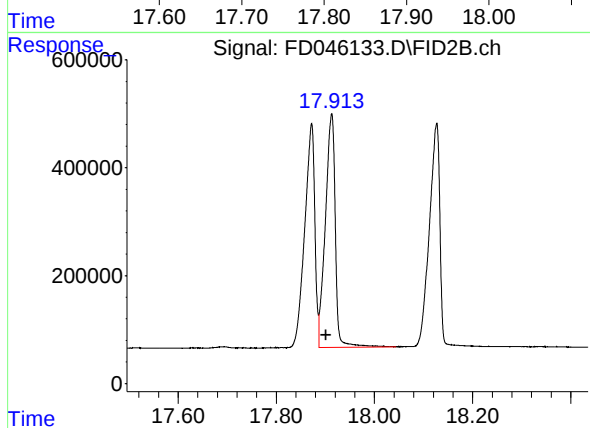
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 6305376
Conc: 50.00 ug/ml



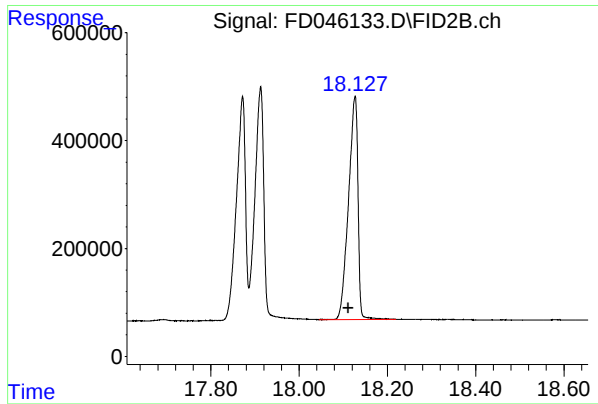
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: 0.012 min
Response: 5939514
Conc: 50.10 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.011 min
Response: 6084826
Conc: 50.19 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.015 min
Response: 6169870
Conc: 50.29 ug/ml

Instrument :
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ClientSampleId :
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