

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046369.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 09:48
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 22 11:13:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 11:13:00 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...	7.501	8310660	49.276 ug/ml
Spiked Amount 50.000		Recovery =	98.55%
6) S 2-Fluorobiphenyl (SURR)	8.355	5561801	49.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.48%
11) S ortho-Terphenyl (SURR)	11.393	9564345	49.018 ug/ml
Spiked Amount 50.000		Recovery =	98.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	8566297	48.854 ug/ml
2) T Naphthalene (C11.7)	5.841	9048162	49.163 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	9163933	49.272 ug/ml
5) T Acenaphthylene (C15.06)	8.159	8372801	49.240 ug/ml
7) T Acenaphthene (C15.5)	8.455	8854836	49.279 ug/ml
8) T Flouorene (C16.55)	9.233	8691144	49.519 ug/ml
9) T Phenanthrene (C19.36)	10.623	8457804	49.352 ug/ml
10) T Anthracene (C19.43)	10.698	8374072	49.691 ug/ml
12) T Fluoranthene (C21.85)	12.426	8199875	49.420 ug/ml
13) T Pyrene (C20.8)	12.721	7954754	49.543 ug/ml
14) T Benzo[a]anthracene (C...	14.585	6996463	49.924 ug/ml
15) T Chrysene (C27.41)	14.629	7310644	49.680 ug/ml
16) T benzo[b]fluoranthene ...	16.127	6724071	49.850 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	6631680	49.257 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	6488638	49.459 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	6207197	50.051 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	6125889	48.775 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	6282777	49.417 ug/ml

(f)=RT Delta > 1/2 Window

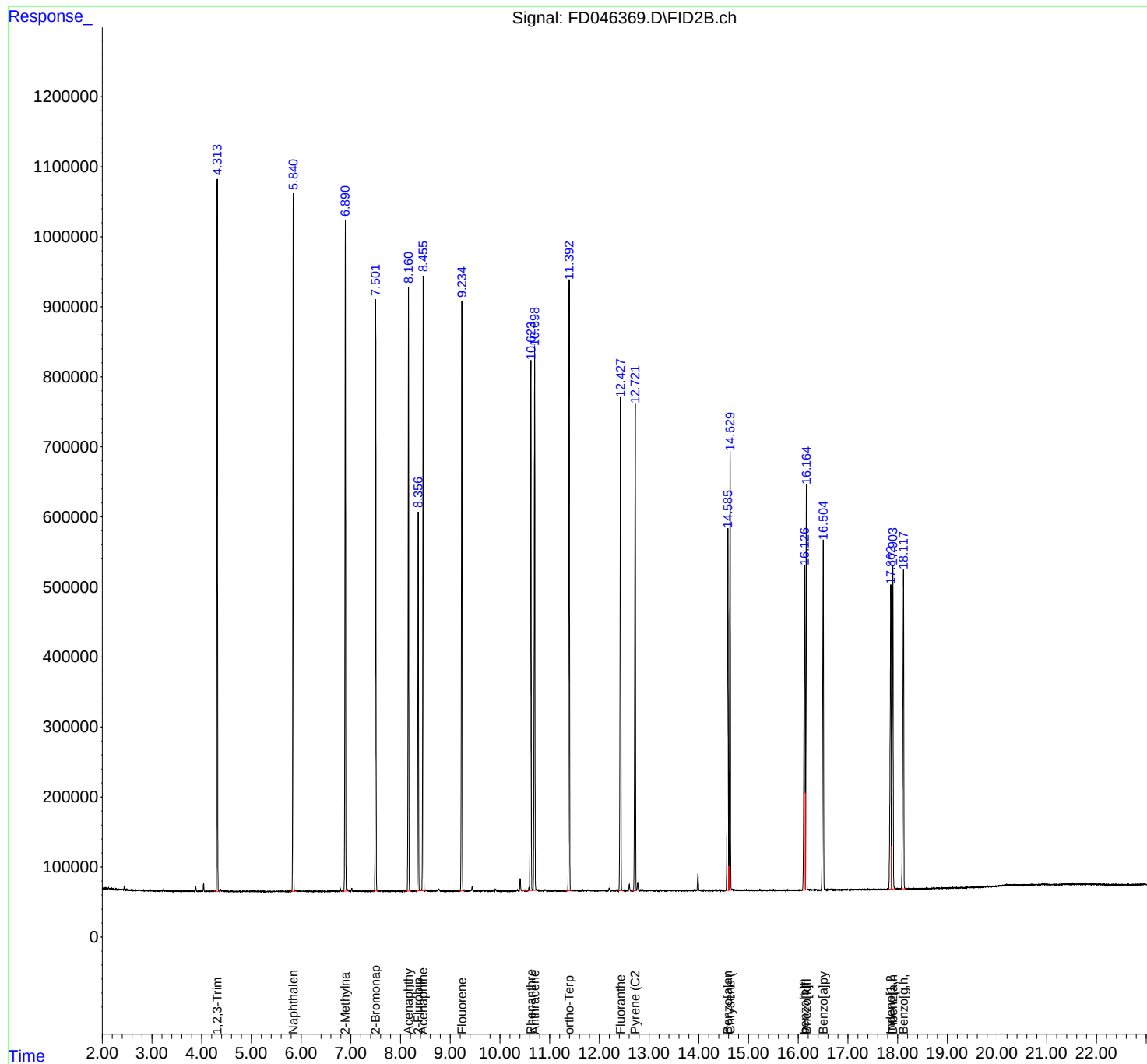
(m)=manual int.

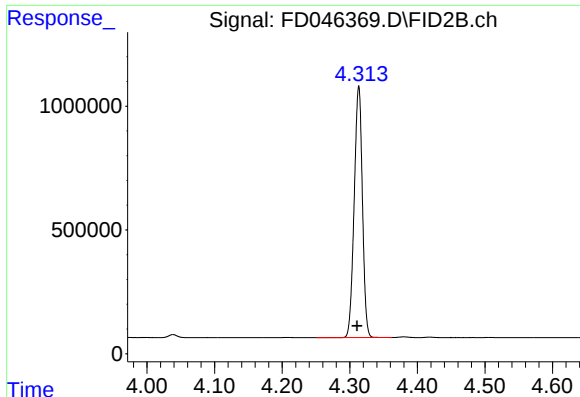
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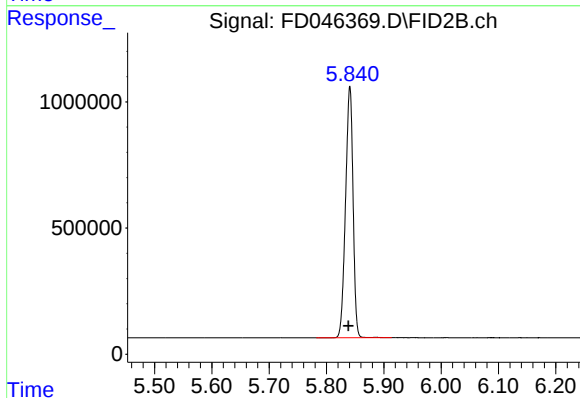




#1 1,2,3-Trimethylbenzene (C10.1)

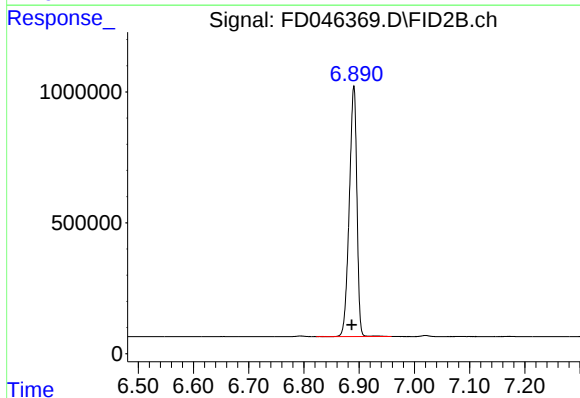
R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 8566297
Conc: 48.85 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



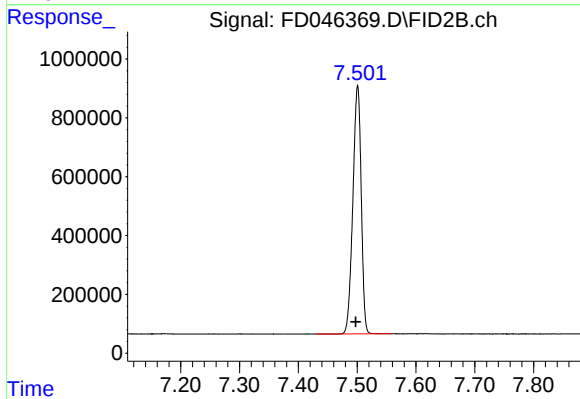
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: 0.003 min
Response: 9048162
Conc: 49.16 ug/ml



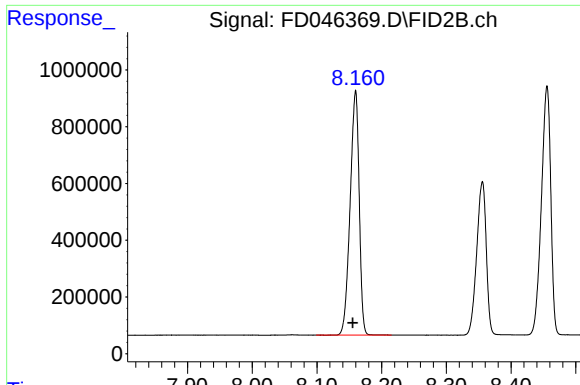
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: 0.004 min
Response: 9163933
Conc: 49.27 ug/ml



#4 2-Bromonaphthalene (SURR)

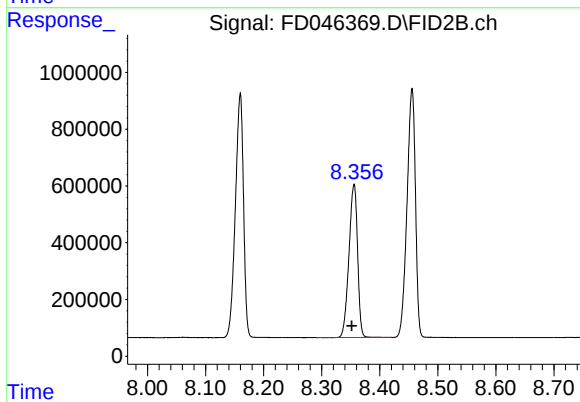
R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 8310660
Conc: 49.28 ug/ml



#5 Acenaphthylene (C15.06)

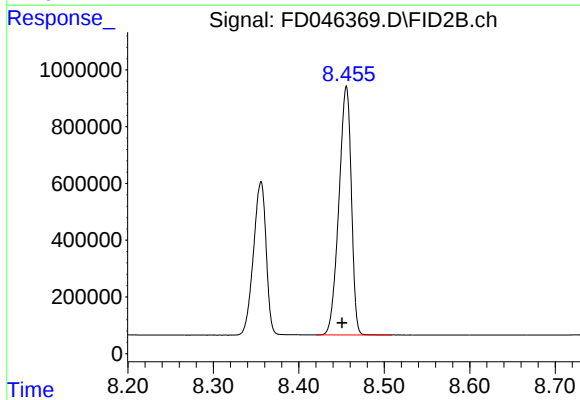
R.T.: 8.159 min
Delta R.T.: 0.004 min
Response: 8372801
Conc: 49.24 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



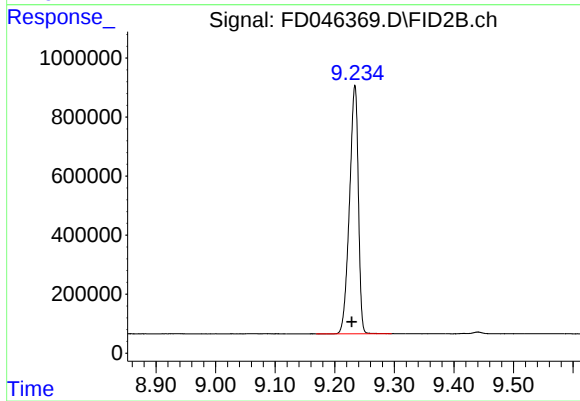
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: 0.004 min
Response: 5561801
Conc: 49.74 ug/ml



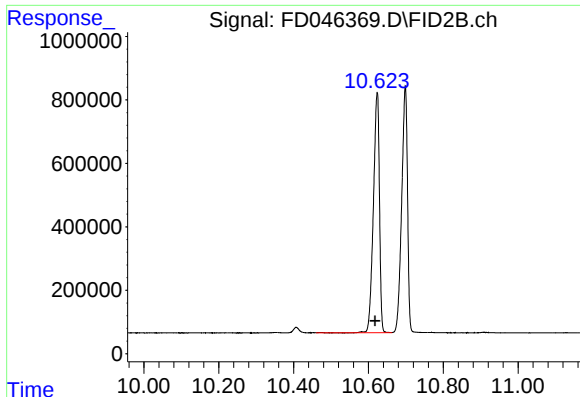
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: 0.005 min
Response: 8854836
Conc: 49.28 ug/ml



#8 Flouorene (C16.55)

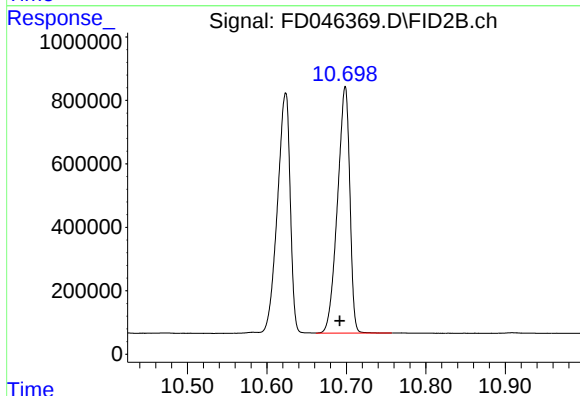
R.T.: 9.233 min
Delta R.T.: 0.005 min
Response: 8691144
Conc: 49.52 ug/ml



#9 Phenanthrene (C19.36)

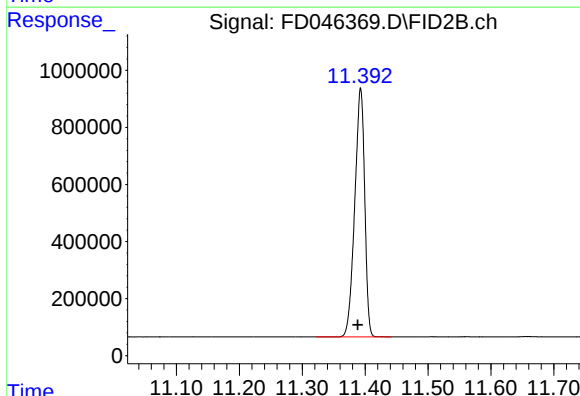
R.T.: 10.623 min
Delta R.T.: 0.006 min
Response: 8457804
Conc: 49.35 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



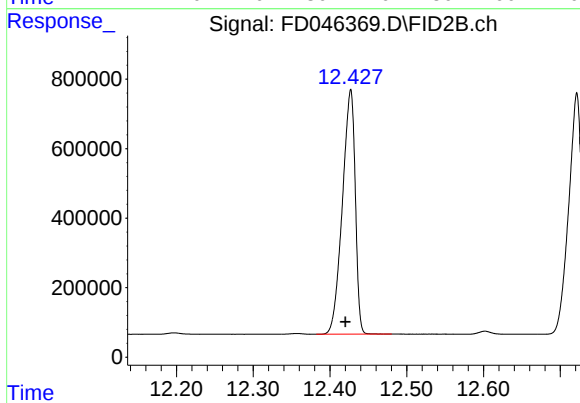
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: 0.007 min
Response: 8374072
Conc: 49.69 ug/ml



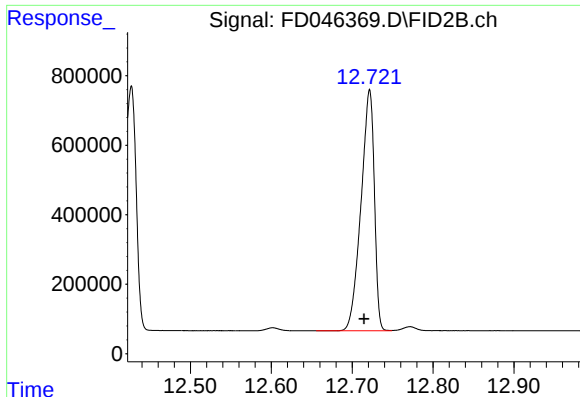
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: 0.004 min
Response: 9564345
Conc: 49.02 ug/ml



#12 Fluoranthene (C21.85)

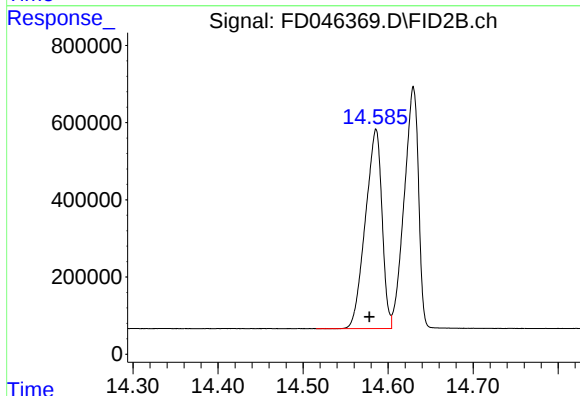
R.T.: 12.426 min
Delta R.T.: 0.006 min
Response: 8199875
Conc: 49.42 ug/ml



#13 Pyrene (C20.8)

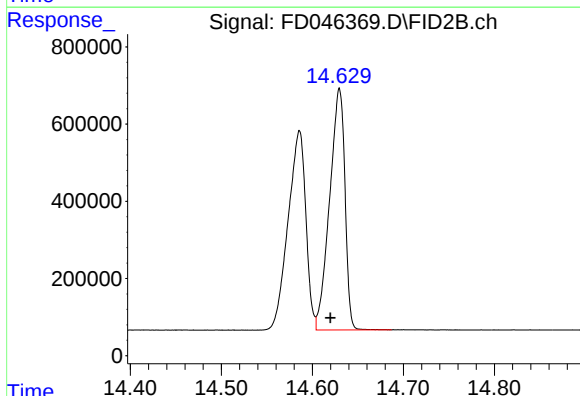
R.T.: 12.721 min
Delta R.T.: 0.007 min
Response: 7954754
Conc: 49.54 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



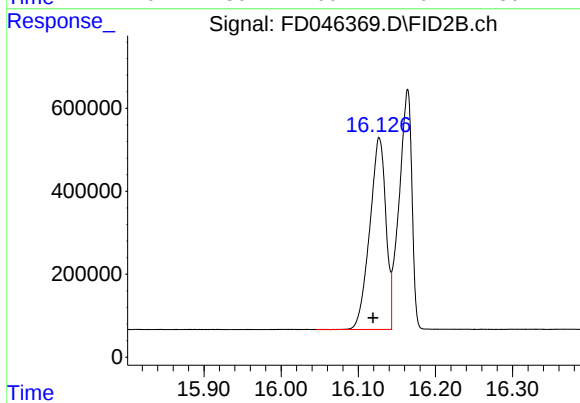
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.007 min
Response: 6996463
Conc: 49.92 ug/ml



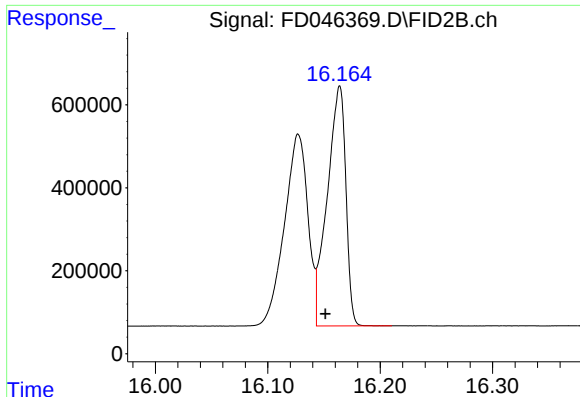
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.009 min
Response: 7310644
Conc: 49.68 ug/ml



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

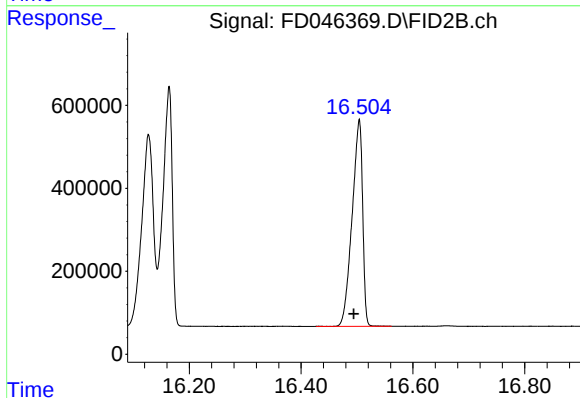
R.T.: 16.127 min
Delta R.T.: 0.008 min
Response: 6724071
Conc: 49.85 ug/ml



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

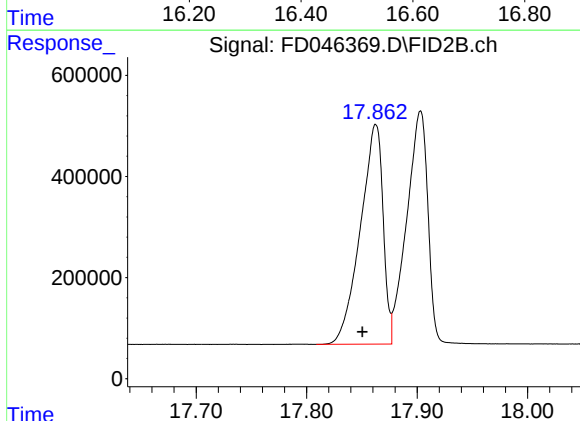
R.T.: 16.163 min
Delta R.T.: 0.012 min
Response: 6631680
Conc: 49.26 ug/ml

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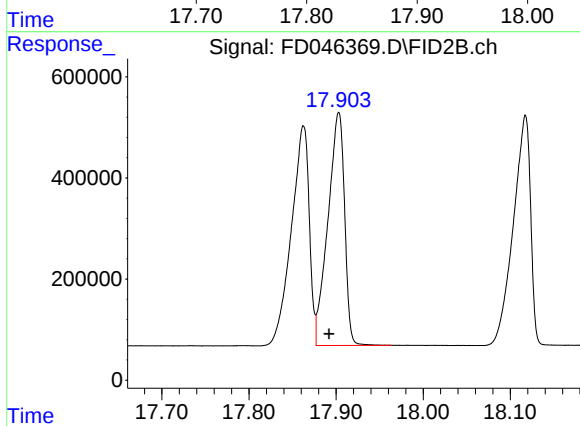
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: 0.009 min
Response: 6488638
Conc: 49.46 ug/ml



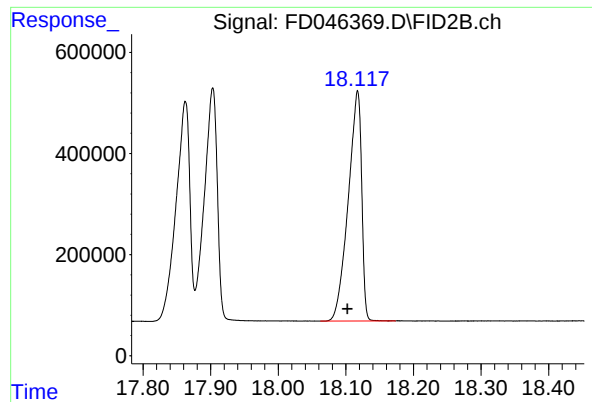
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: 0.011 min
Response: 6207197
Conc: 50.05 ug/ml



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

R.T.: 17.903 min
Delta R.T.: 0.011 min
Response: 6125889
Conc: 48.78 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.014 min
Response: 6282777
Conc: 49.42 ug/ml

Instrument :
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ClientSampleId :
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