

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046227.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 12:13
 Operator : YP/AJ
 Sample : PB154470BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154470BSD

Integration File: autoint1.e
 Quant Time: Jul 29 02:51:18 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	7227055	48.348 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
6) S 2-Fluorobiphenyl (SURR)	8.360	4357429	46.547 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.09%
11) S ortho-Terphenyl (SURR)	11.399	7602780	43.534 ug/ml
Spiked Amount 50.000		Recovery =	87.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.316	5556310	30.496 ug/ml
2) T Naphthalene (C11.7)	5.844	6359455	35.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	6549098	37.210 ug/ml
5) T Acenaphthylene (C15.06)	8.164	6749671	44.238 ug/ml
7) T Acenaphthene (C15.5)	8.460	6693750	41.050 ug/ml
8) T Flouorene (C16.55)	9.239	6707655	44.083 ug/ml
9) T Phenanthrene (C19.36)	10.629	6501303	45.149 ug/ml
10) T Anthracene (C19.43)	10.704	6342999	48.468 ug/ml
12) T Fluoranthene (C21.85)	12.433	6362594	45.534 ug/ml
13) T Pyrene (C20.8)	12.727	6409542	46.247 ug/ml
14) T Benzo[a]anthracene (C...	14.593	6075779	46.288 ug/ml
15) T Chrysene (C27.41)	14.637	6595395	46.775 ug/ml
16) T benzo[b]fluoranthene ...	16.136	6236595	45.601 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	6131339	44.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	5814115	44.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.872	5877068	48.864 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	5666508	44.306 ug/ml
21) T Benzo[g,h,i]perylene ...	18.125	5611504	44.231 ug/ml

(f)=RT Delta > 1/2 Window

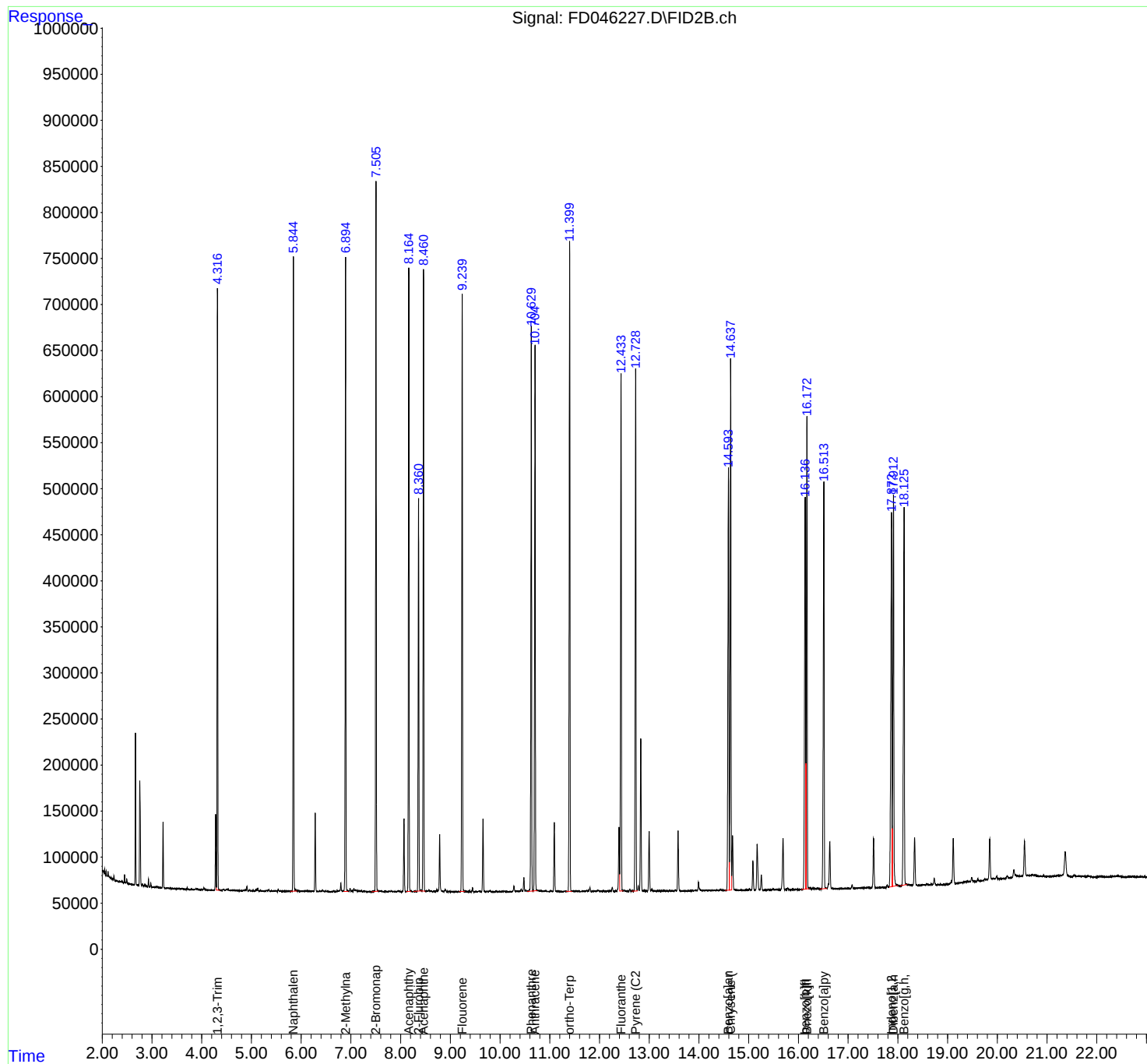
(m)=manual int.

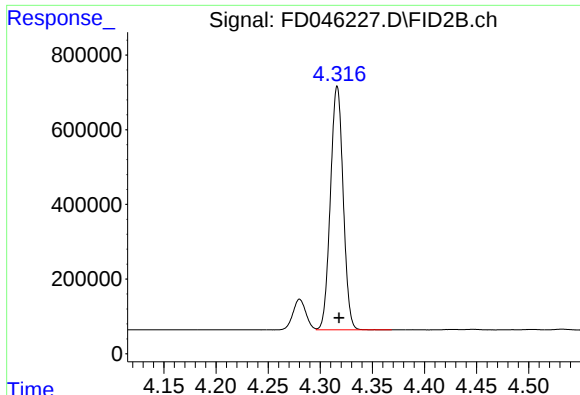
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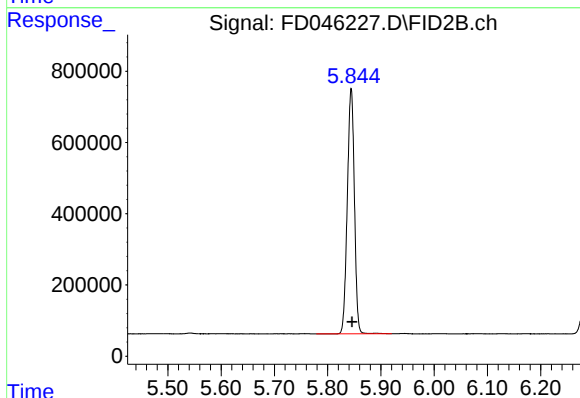




#1 1,2,3-Trimethylbenzene (C10.1)

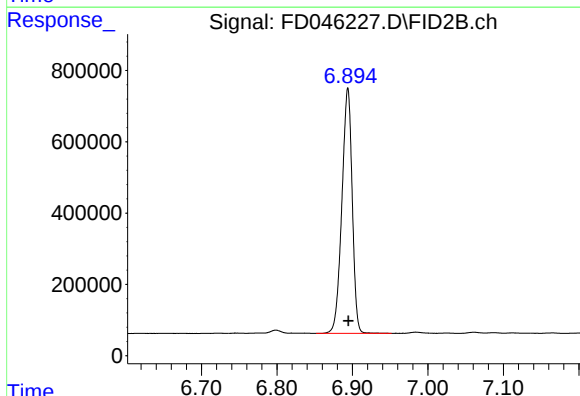
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 5556310
Conc: 30.50 ug/ml

Instrument :
FID_D
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PB154470BSD



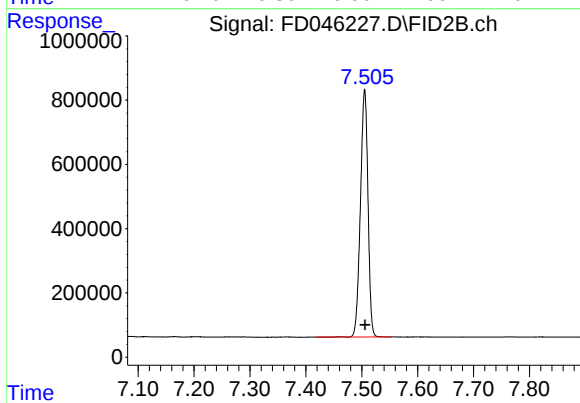
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 6359455
Conc: 35.21 ug/ml



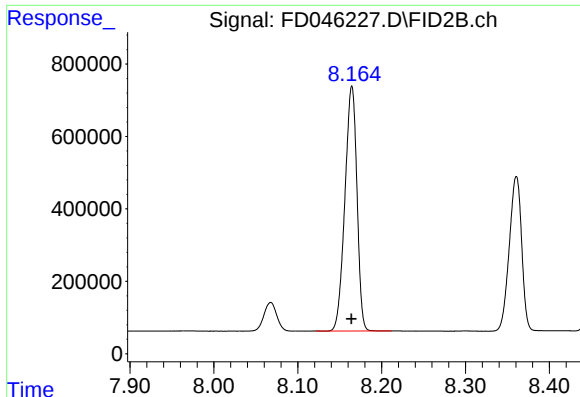
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 6549098
Conc: 37.21 ug/ml



#4 2-Bromonaphthalene (SURR)

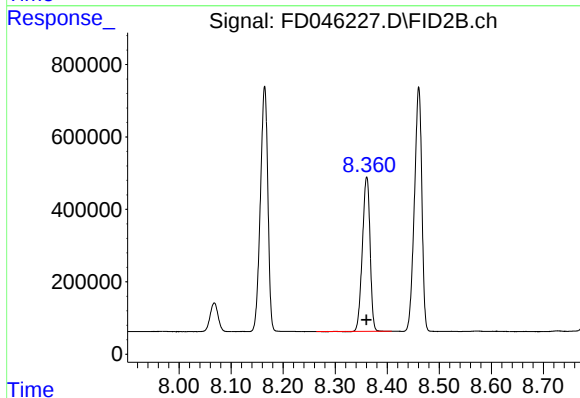
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 7227055
Conc: 48.35 ug/ml



#5 Acenaphthylene (C15.06)

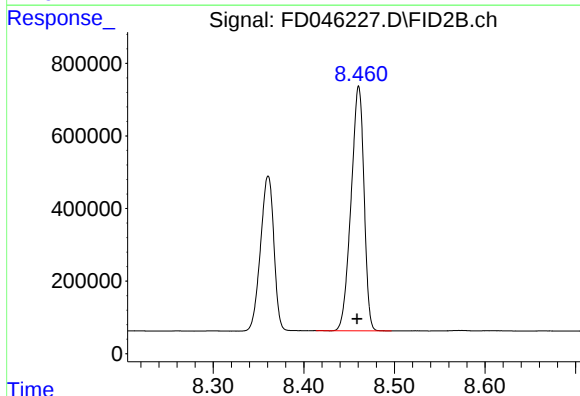
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 6749671
Conc: 44.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154470BSD



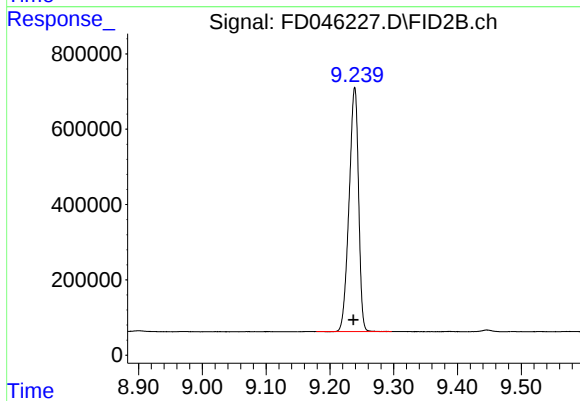
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 4357429
Conc: 46.55 ug/ml



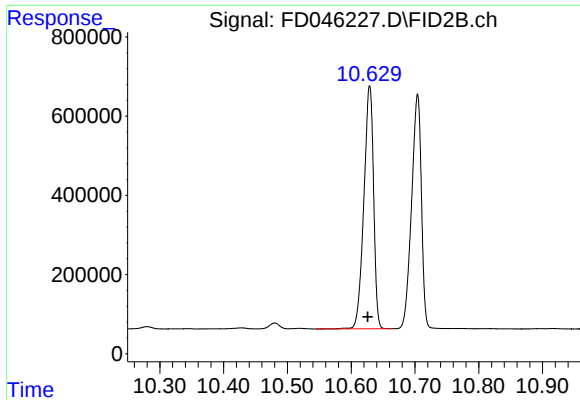
#7 Acenaphthene (C15.5)

R.T.: 8.460 min
Delta R.T.: 0.002 min
Response: 6693750
Conc: 41.05 ug/ml



#8 Fluorene (C16.55)

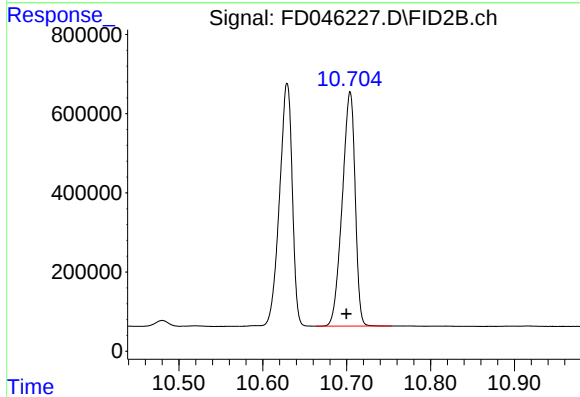
R.T.: 9.239 min
Delta R.T.: 0.002 min
Response: 6707655
Conc: 44.08 ug/ml



#9 Phenanthrene (C19.36)

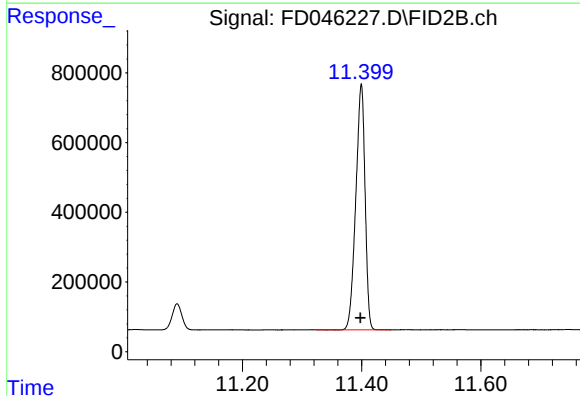
R.T.: 10.629 min
Delta R.T.: 0.003 min
Response: 6501303
Conc: 45.15 ug/ml

Instrument :
FID_D
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PB154470BSD



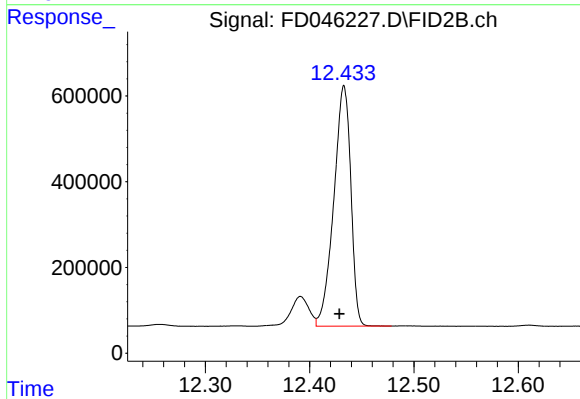
#10 Anthracene (C19.43)

R.T.: 10.704 min
Delta R.T.: 0.004 min
Response: 6342999
Conc: 48.47 ug/ml



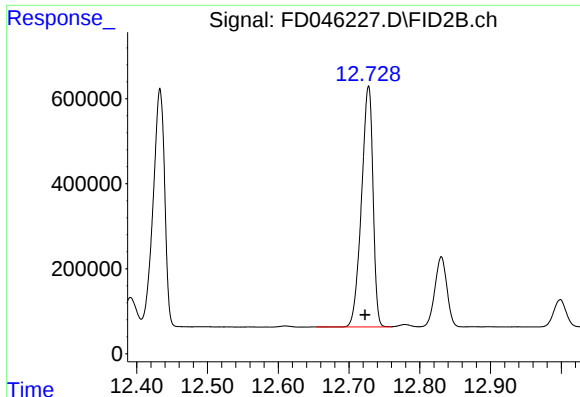
#11 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.002 min
Response: 7602780
Conc: 43.53 ug/ml



#12 Fluoranthene (C21.85)

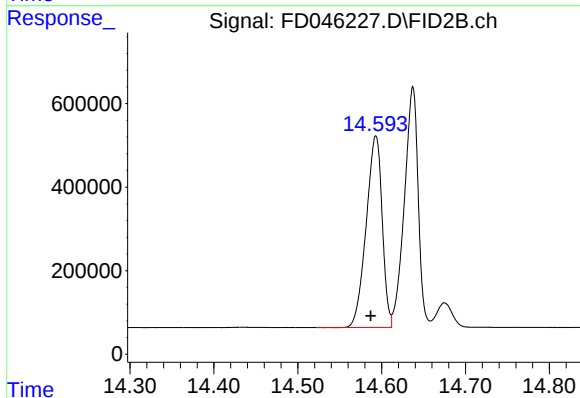
R.T.: 12.433 min
Delta R.T.: 0.004 min
Response: 6362594
Conc: 45.53 ug/ml



#13 Pyrene (C20.8)

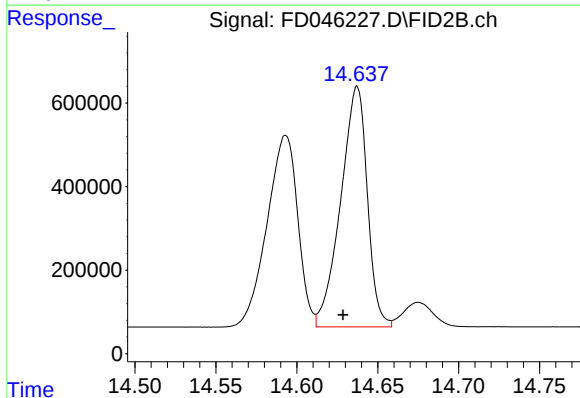
R.T.: 12.727 min
Delta R.T.: 0.005 min
Response: 6409542
Conc: 46.25 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154470BSD



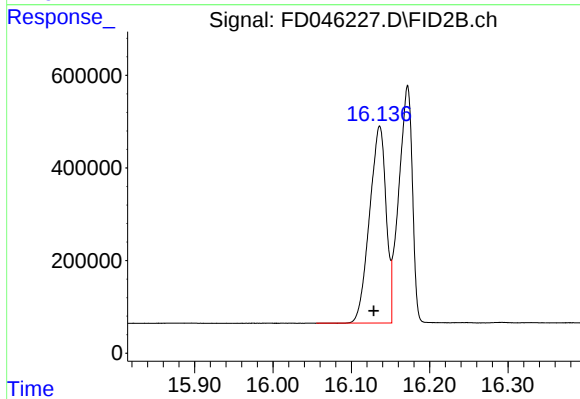
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 6075779
Conc: 46.29 ug/ml



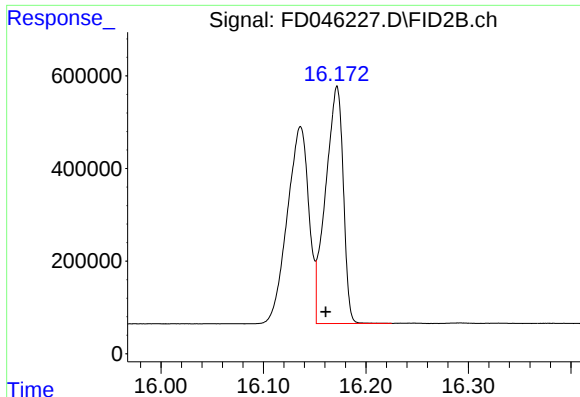
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.008 min
Response: 6595395
Conc: 46.78 ug/ml



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

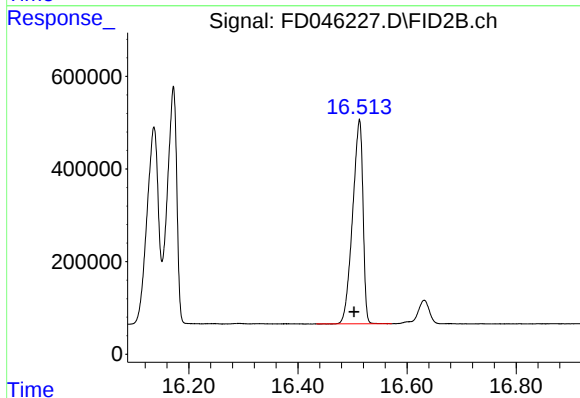
R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 6236595
Conc: 45.60 ug/ml



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

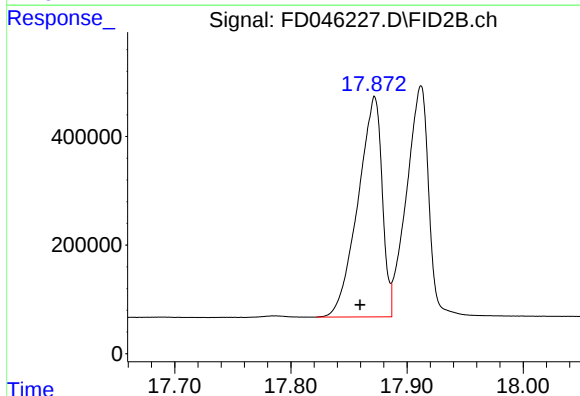
R.T.: 16.171 min
Delta R.T.: 0.011 min
Response: 6131339
Conc: 44.73 ug/ml

Instrument :
FID_D
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PB154470BSD



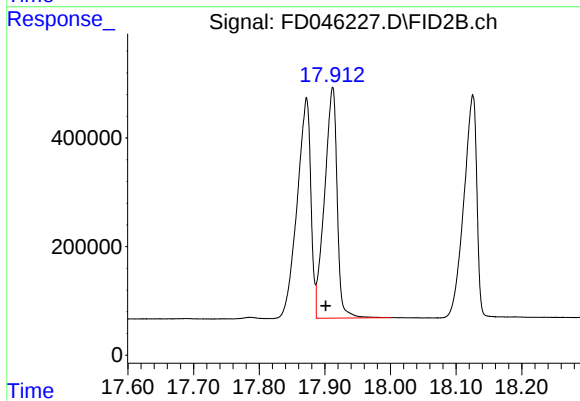
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.009 min
Response: 5814115
Conc: 44.66 ug/ml



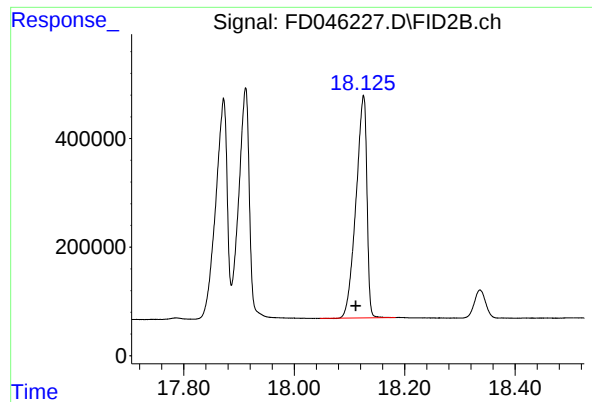
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.872 min
Delta R.T.: 0.012 min
Response: 5877068
Conc: 48.86 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.010 min
Response: 5666508
Conc: 44.31 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.014 min
Response: 5611504
Conc: 44.23 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154470BSD