

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072223AR\
 Data File : FD046187.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2023 20:25
 Operator : YP/AJ
 Sample : PB154365BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 04:05:26 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...	7.511	7807648	52.232 ug/ml
Spiked Amount 50.000		Recovery =	104.46%
6) S 2-Fluorobiphenyl (SURR)	8.366	4140788	44.233 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.47%
11) S ortho-Terphenyl (SURR)	11.406	8410460	48.159 ug/ml
Spiked Amount 50.000		Recovery =	96.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	5129503	28.154 ug/ml
2) T Naphthalene (C11.7)	5.850	6018541	33.323 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	6334745	35.992 ug/ml
5) T Acenaphthylene (C15.06)	8.171	7080032	46.403 ug/ml
7) T Acenaphthene (C15.5)	8.467	6724095	41.237 ug/ml
8) T Fluorene (C16.55)	9.246	7386759	48.546 ug/ml
9) T Phenanthrene (C19.36)	10.636	7137223	49.565 ug/ml
10) T Anthracene (C19.43)	10.711	6979518	53.332 ug/ml
12) T Fluoranthene (C21.85)	12.441	7093386	50.764 ug/ml
13) T Pyrene (C20.8)	12.737	7035824	50.765 ug/ml
14) T Benzo[a]anthracene (C...	14.602	6893433	52.517 ug/ml
15) T Chrysene (C27.41)	14.646	6861219	48.660 ug/ml
16) T benzo[b]fluoranthene ...	16.147	6971224	50.973 ug/ml
17) T Bnezo[k]fluoranthene ...	16.147	6971224	50.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	6666451	51.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	6895400	57.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	6895400	53.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.139	6576007	51.833 ug/ml

(f)=RT Delta > 1/2 Window

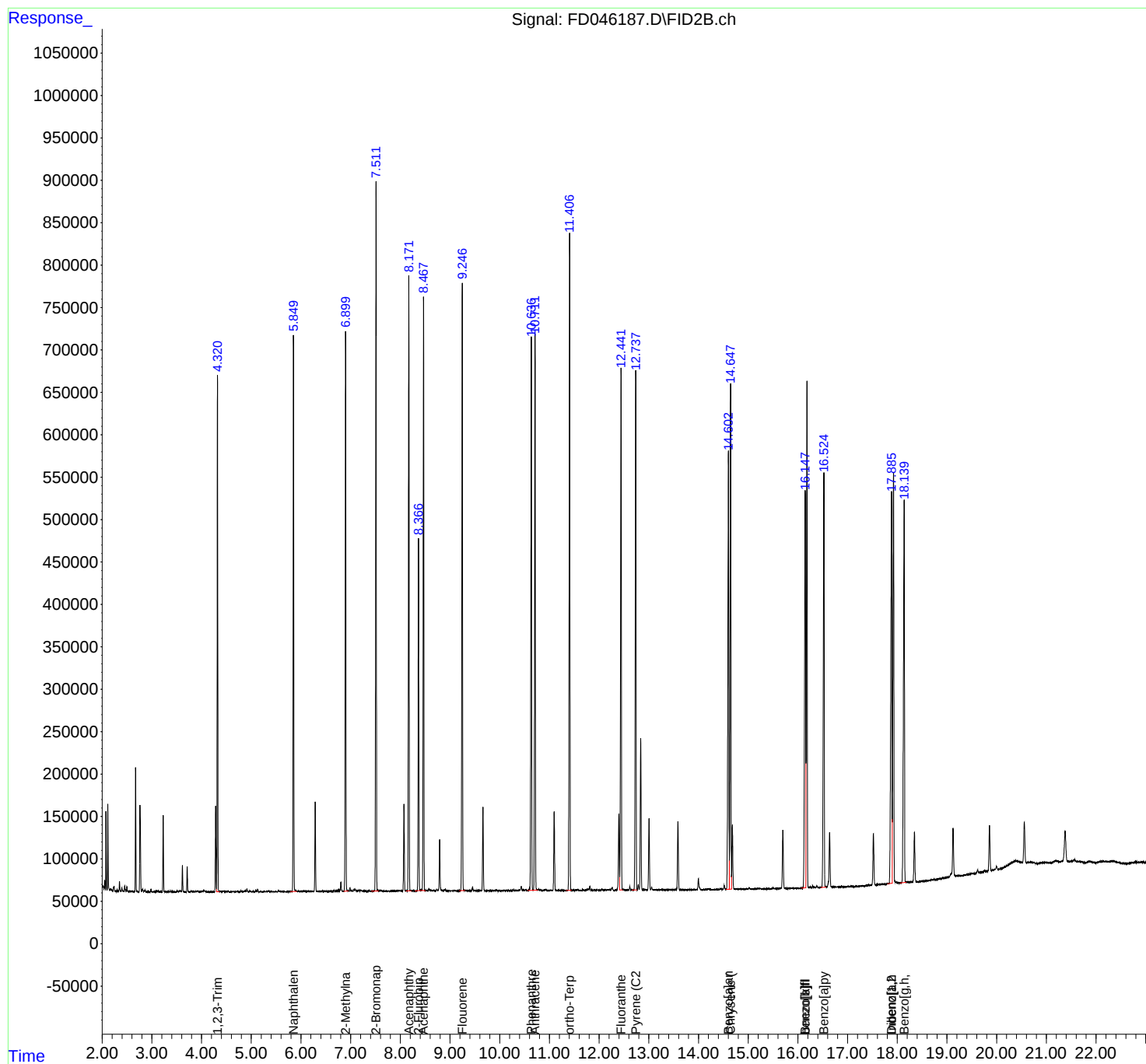
(m)=manual int.

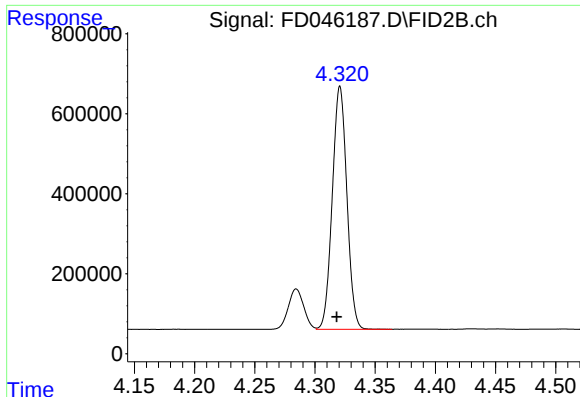
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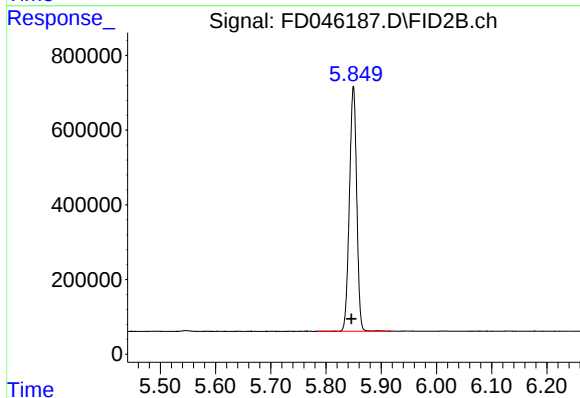




#1 1,2,3-Trimethylbenzene (C10.1)

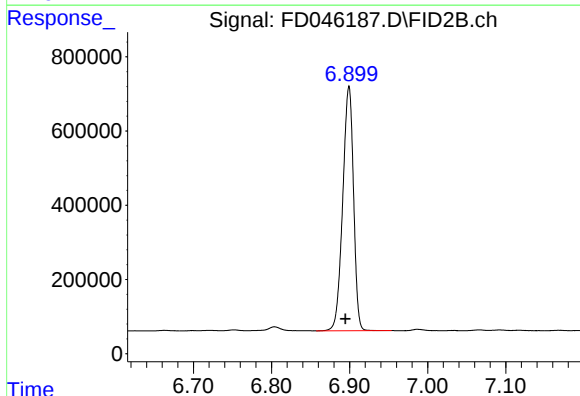
R.T.: 4.321 min
Delta R.T.: 0.003 min
Response: 5129503
Conc: 28.15 ug/ml

Instrument :
FID_D
ClientSampleId :



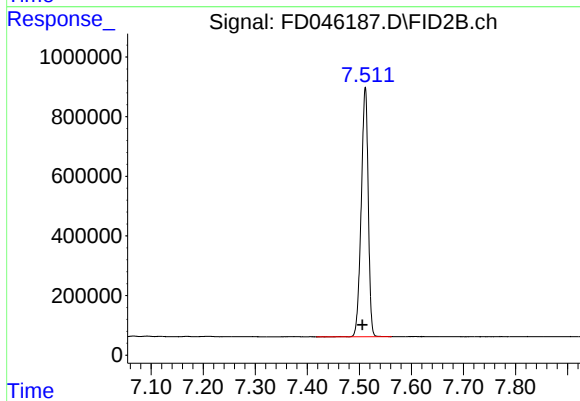
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 6018541
Conc: 33.32 ug/ml



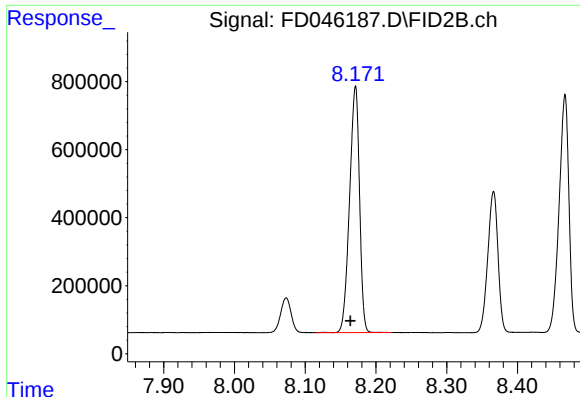
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.005 min
Response: 6334745
Conc: 35.99 ug/ml



#4 2-Bromonaphthalene (SURR)

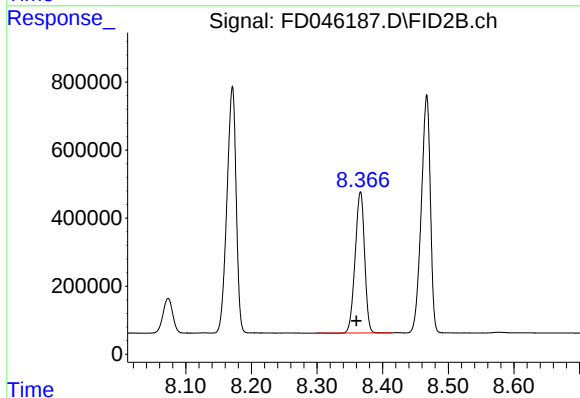
R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 7807648
Conc: 52.23 ug/ml



#5 Acenaphthylene (C15.06)

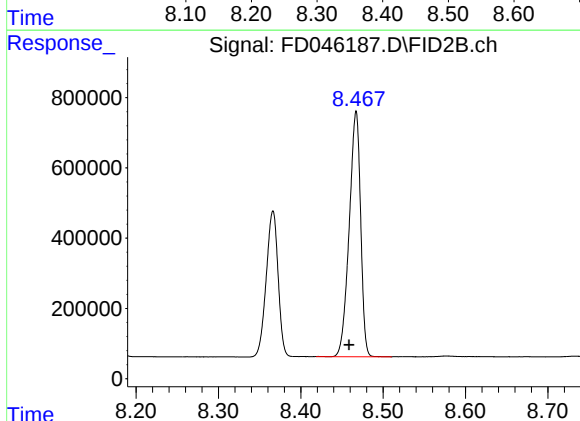
R.T.: 8.171 min
Delta R.T.: 0.007 min
Response: 7080032
Conc: 46.40 ug/ml

Instrument :
FID_D
ClientSampleId :



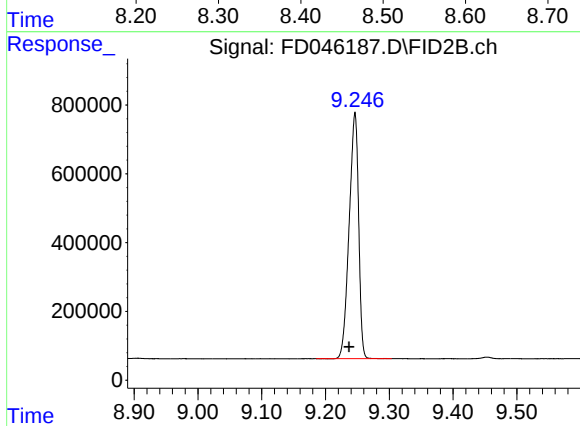
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: 0.006 min
Response: 4140788
Conc: 44.23 ug/ml



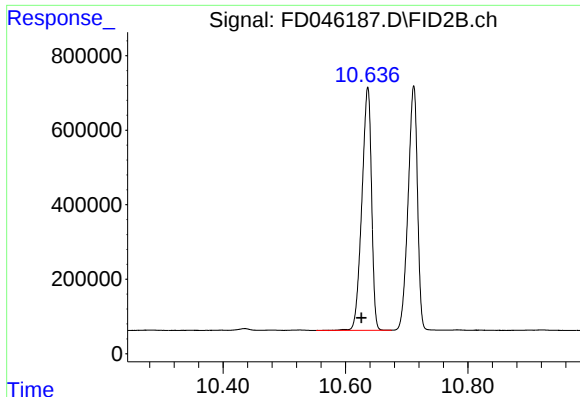
#7 Acenaphthene (C15.5)

R.T.: 8.467 min
Delta R.T.: 0.008 min
Response: 6724095
Conc: 41.24 ug/ml



#8 Flouorene (C16.55)

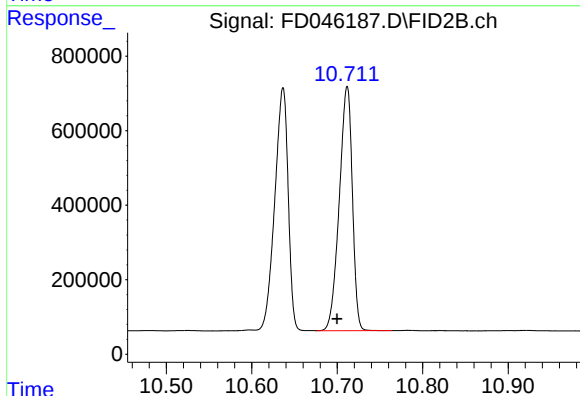
R.T.: 9.246 min
Delta R.T.: 0.009 min
Response: 7386759
Conc: 48.55 ug/ml



#9 Phenanthrene (C19.36)

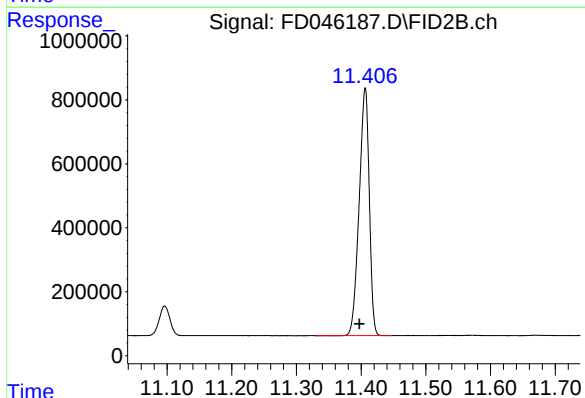
R.T.: 10.636 min
Delta R.T.: 0.010 min
Response: 7137223
Conc: 49.57 ug/ml

Instrument :
FID_D
ClientSampleId :



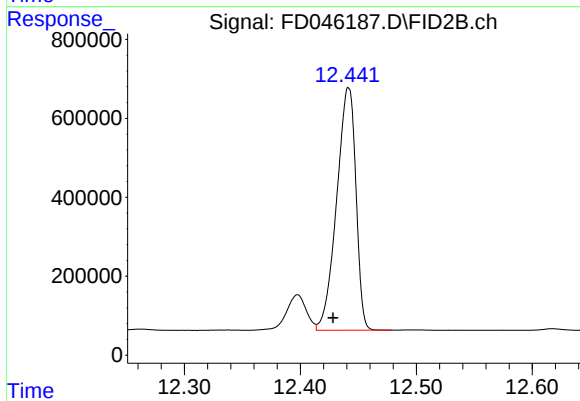
#10 Anthracene (C19.43)

R.T.: 10.711 min
Delta R.T.: 0.012 min
Response: 6979518
Conc: 53.33 ug/ml



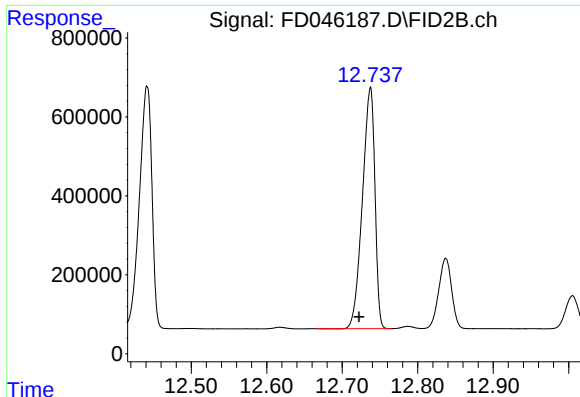
#11 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: 0.008 min
Response: 8410460
Conc: 48.16 ug/ml



#12 Fluoranthene (C21.85)

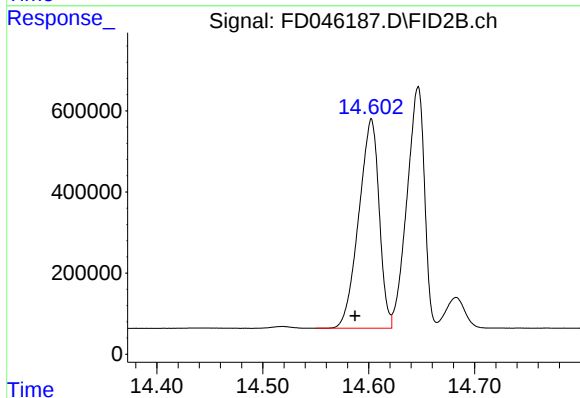
R.T.: 12.441 min
Delta R.T.: 0.013 min
Response: 7093386
Conc: 50.76 ug/ml



#13 Pyrene (C20.8)

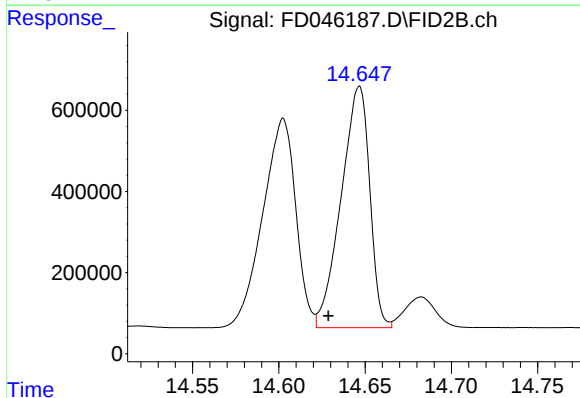
R.T.: 12.737 min
Delta R.T.: 0.014 min
Response: 7035824
Conc: 50.77 ug/ml

Instrument :
FID_D
ClientSampleId :



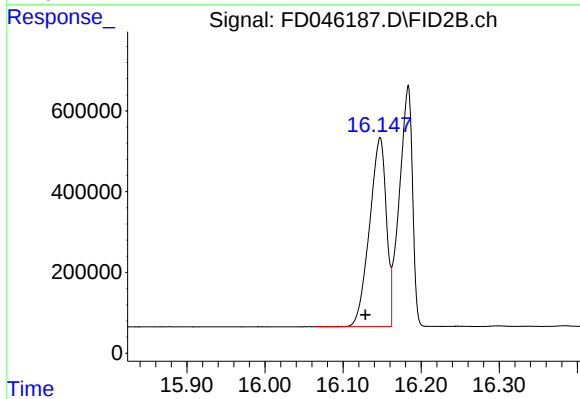
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.015 min
Response: 6893433
Conc: 52.52 ug/ml



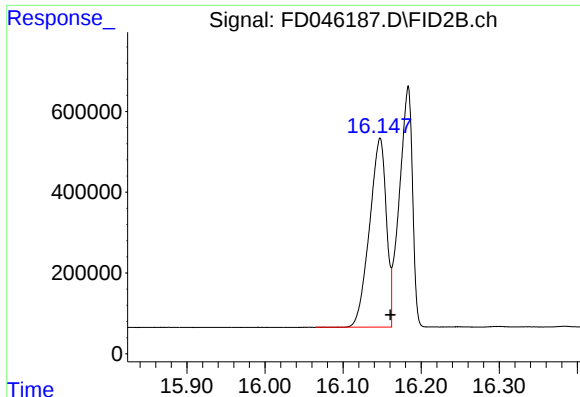
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.018 min
Response: 6861219
Conc: 48.66 ug/ml



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

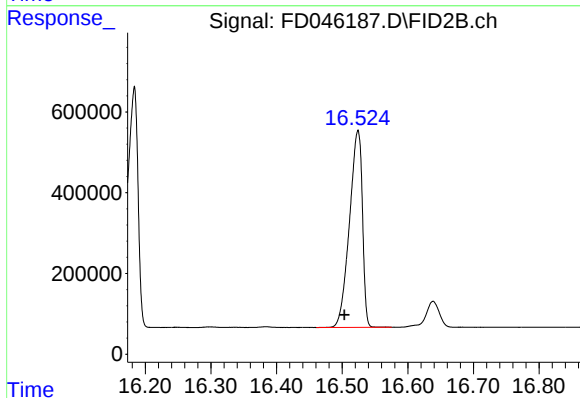
R.T.: 16.147 min
Delta R.T.: 0.018 min
Response: 6971224
Conc: 50.97 ug/ml



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

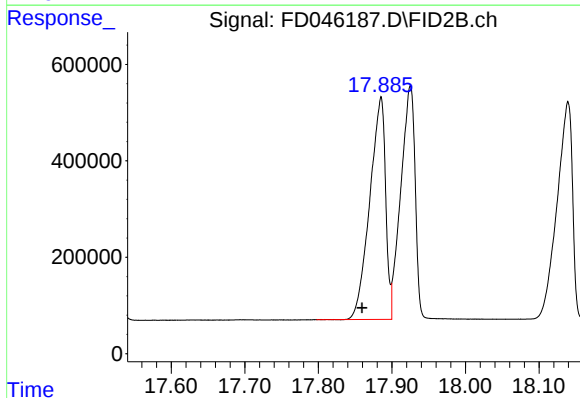
R.T.: 16.147 min
Delta R.T.: -0.014 min
Response: 6971224
Conc: 50.86 ug/ml

Instrument :
FID_D
ClientSampleId :



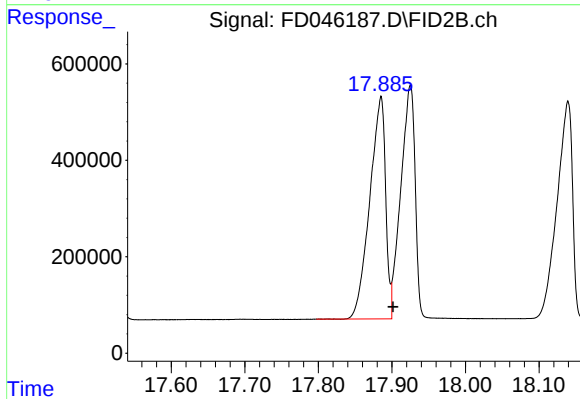
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: 0.020 min
Response: 6666451
Conc: 51.21 ug/ml



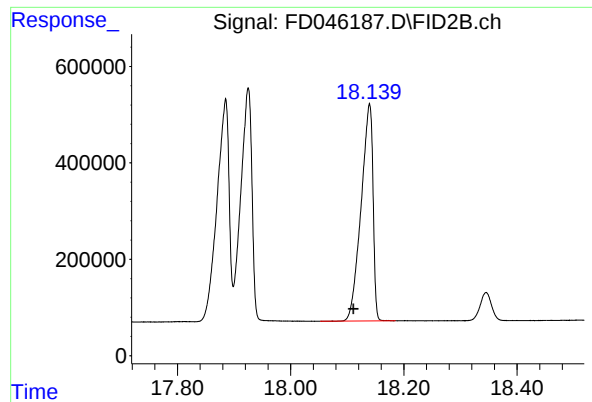
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: 0.025 min
Response: 6895400
Conc: 57.33 ug/ml



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

R.T.: 17.884 min
Delta R.T.: -0.017 min
Response: 6895400
Conc: 53.91 ug/ml



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

R.T.: 18.139 min
Delta R.T.: 0.027 min
Response: 6576007
Conc: 51.83 ug/ml

Instrument :
FID_D
ClientSampleId :