

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045892.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 23:15
 Operator : YP/AJ
 Sample : 03282-15MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-NEX-EPH-05MSD

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.524	8430539	46.762 ug/ml
Spiked Amount 50.000		Recovery =	93.52%
6) S 2-Fluorobiphenyl (SURR)	8.379	5078192	42.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.48%
11) S ortho-Terphenyl (SURR)	11.417	6068173	27.167 ug/ml
Spiked Amount 50.000		Recovery =	54.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	6567470	32.532 ug/ml
2) T Naphthalene (C11.7)	5.862	7477267	35.288 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	7552143	35.758 ug/ml
5) T Acenaphthylene (C15.06)	8.184	8207563	43.320 ug/ml
7) T Acenaphthene (C15.5)	8.480	8550923	42.293 ug/ml
8) T Fluorene (C16.55)	9.259	8474685	42.772 ug/ml
9) T Phenanthrene (C19.36)	10.650	8693114	45.440 ug/ml
10) T Anthracene (C19.43)	10.725	8552342	50.205 ug/ml
12) T Fluoranthene (C21.85)	12.455	8630162	46.713 ug/ml
13) T Pyrene (C20.8)	12.750	8543906	47.839 ug/ml
14) T Benzo[a]anthracene (C...	14.614	7718700	49.299 ug/ml
15) T Chrysene (C27.41)	14.658	7627431	46.232 ug/ml
16) T benzo[b]fluoranthene ...	16.157	7747023	51.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	7355233	47.509 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	6903000	47.204 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	7483390	51.093 ug/ml
20) T Dibenz[a,h]anthracene...	17.933	7820094	52.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	7300320	49.475 ug/ml

(f)=RT Delta > 1/2 Window

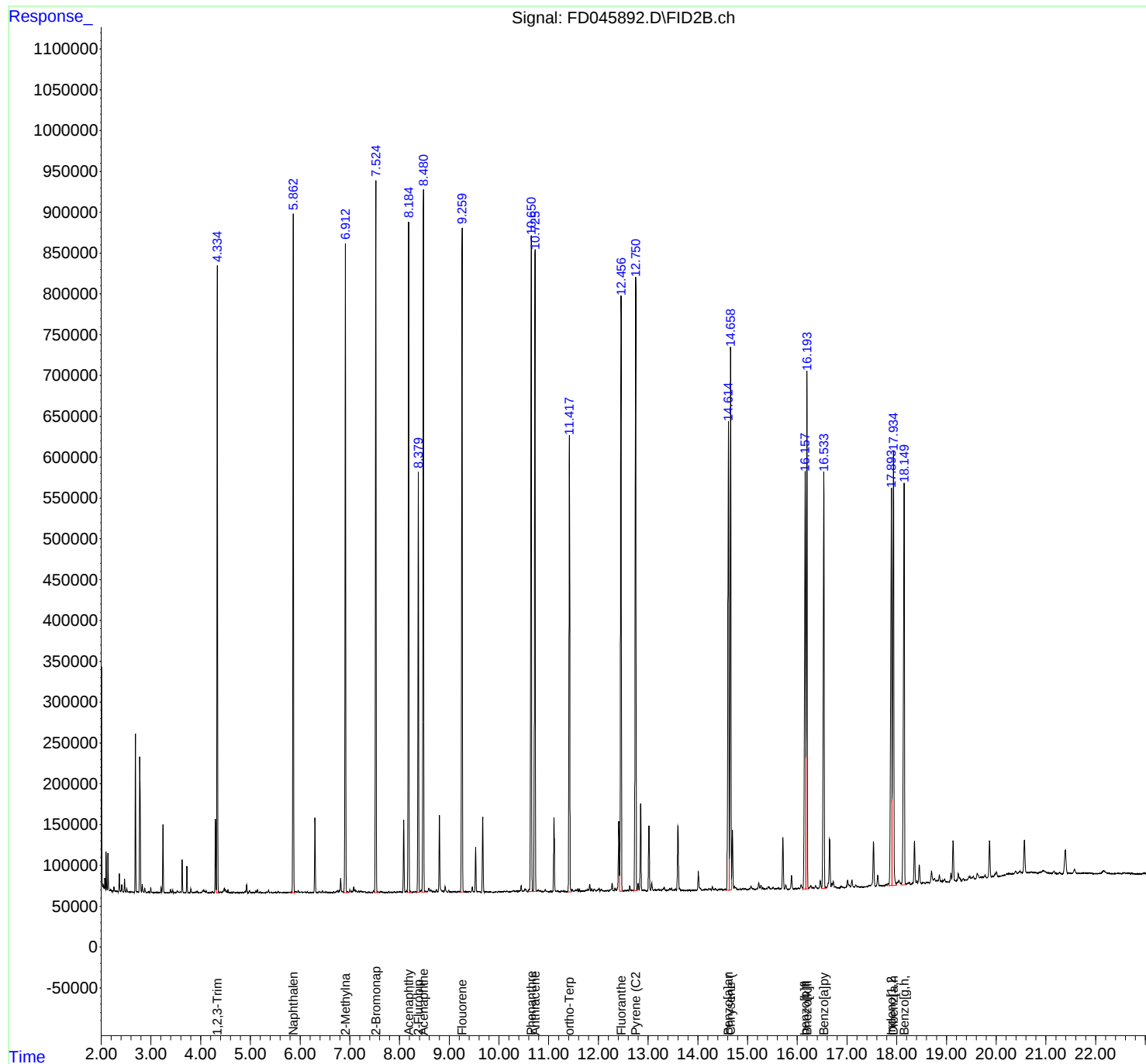
(m)=manual int.

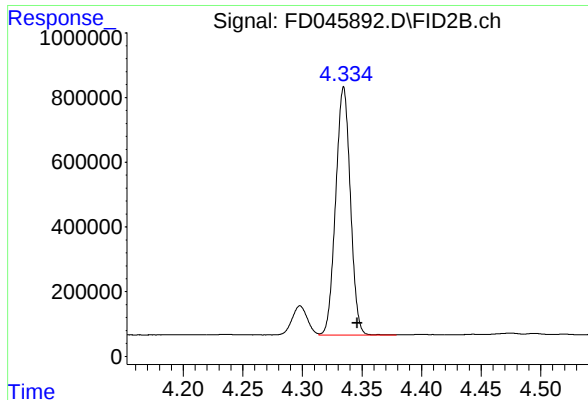
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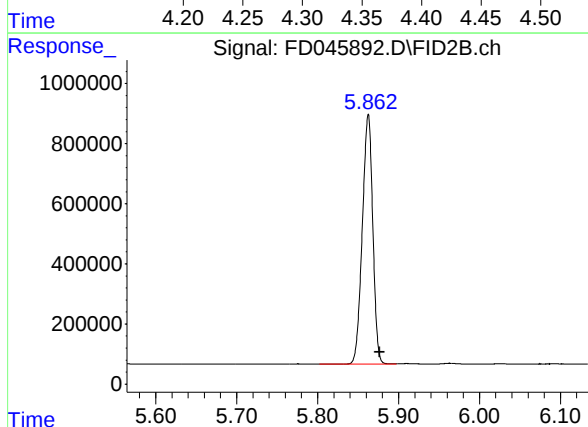




#1 1,2,3-Trimethylbenzene (C10.1)

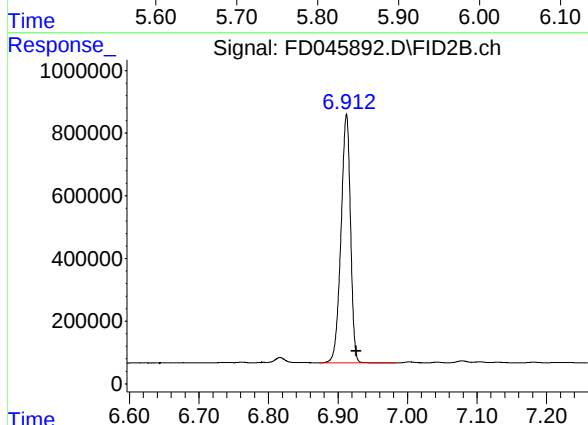
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 6567470
Conc: 32.53 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD



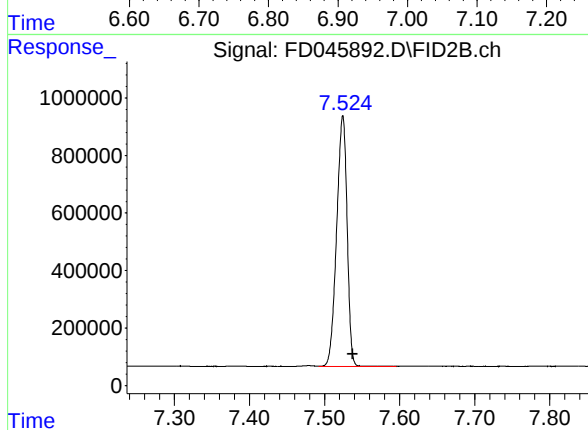
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.014 min
Response: 7477267
Conc: 35.29 ug/ml



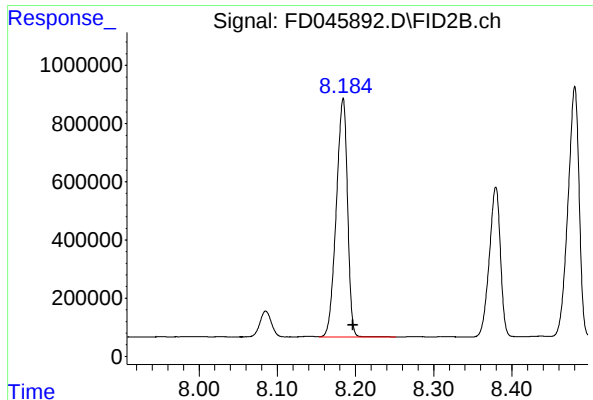
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 7552143
Conc: 35.76 ug/ml



#4 2-Bromonaphthalene (SURR)

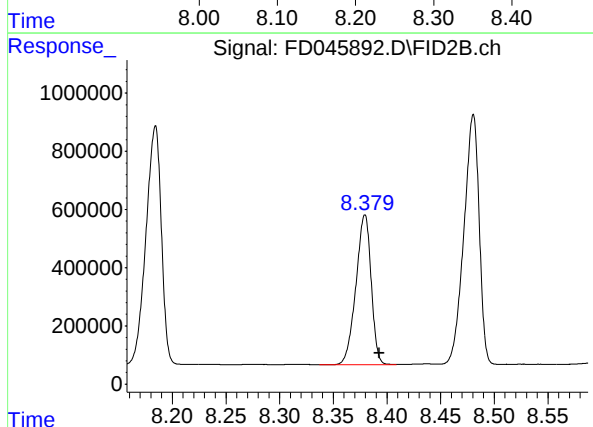
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8430539
Conc: 46.76 ug/ml



#5 Acenaphthylene (C15.06)

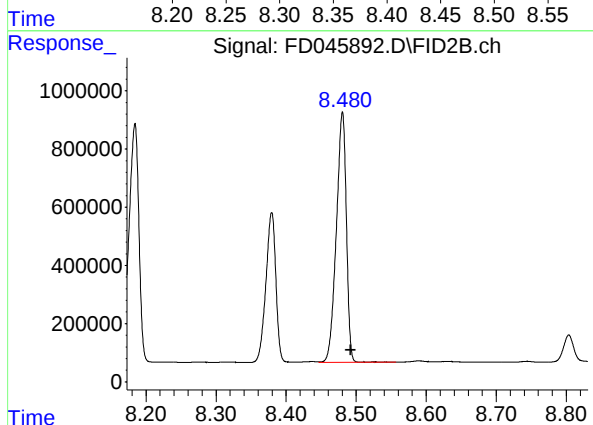
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 8207563
Conc: 43.32 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD



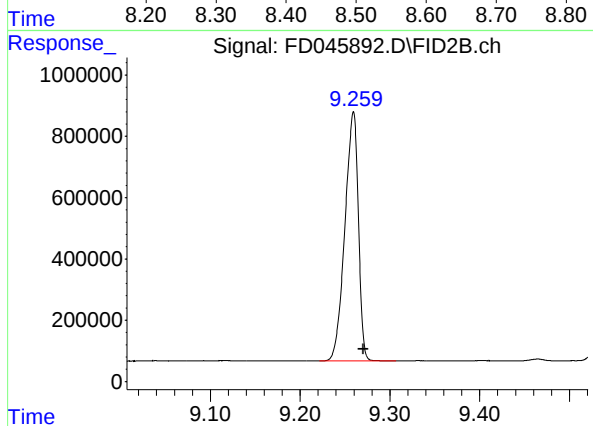
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5078192
Conc: 42.24 ug/ml



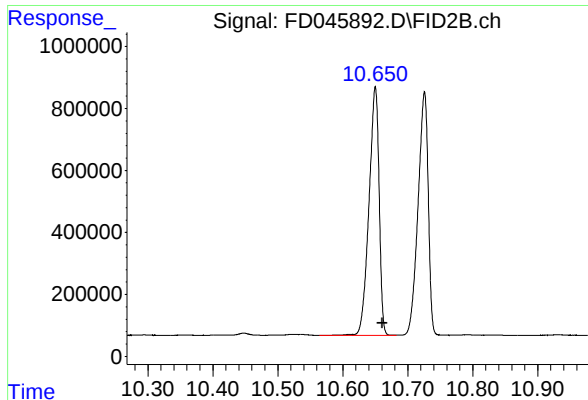
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: -0.012 min
Response: 8550923
Conc: 42.29 ug/ml



#8 Flouorene (C16.55)

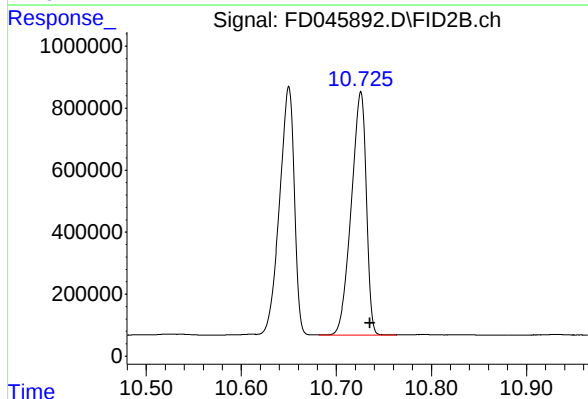
R.T.: 9.259 min
Delta R.T.: -0.012 min
Response: 8474685
Conc: 42.77 ug/ml



#9 Phenanthrene (C19.36)

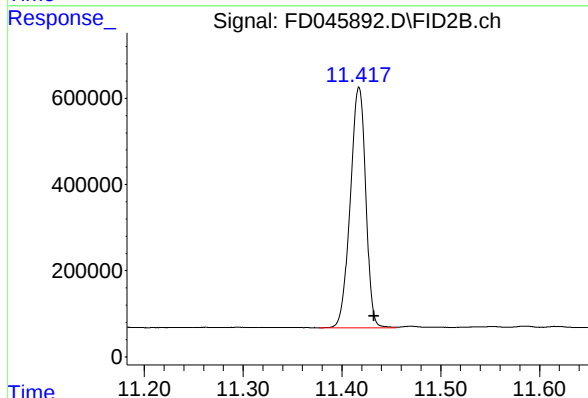
R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 8693114
Conc: 45.44 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD



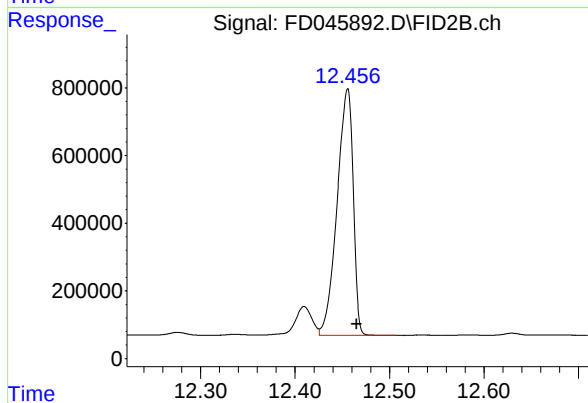
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.010 min
Response: 8552342
Conc: 50.20 ug/ml



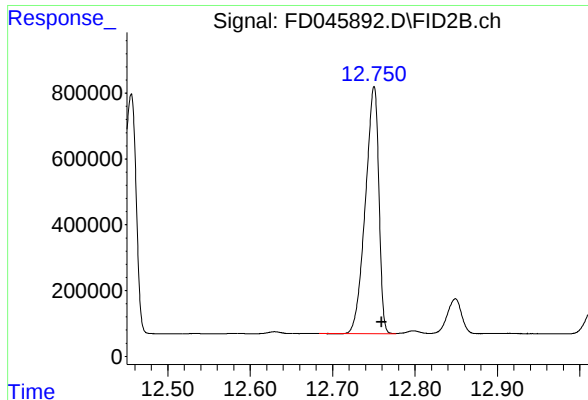
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: -0.015 min
Response: 6068173
Conc: 27.17 ug/ml



#12 Fluoranthene (C21.85)

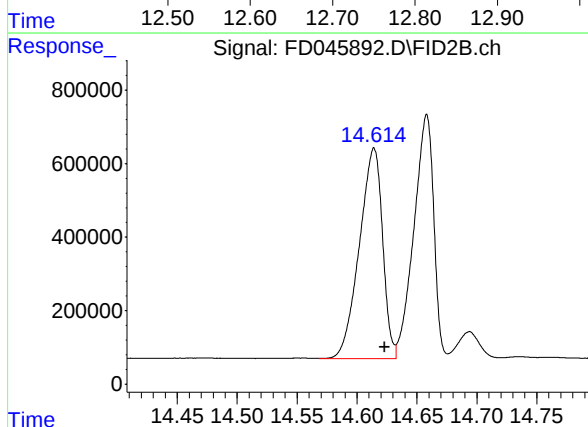
R.T.: 12.455 min
Delta R.T.: -0.010 min
Response: 8630162
Conc: 46.71 ug/ml



#13 Pyrene (C20.8)

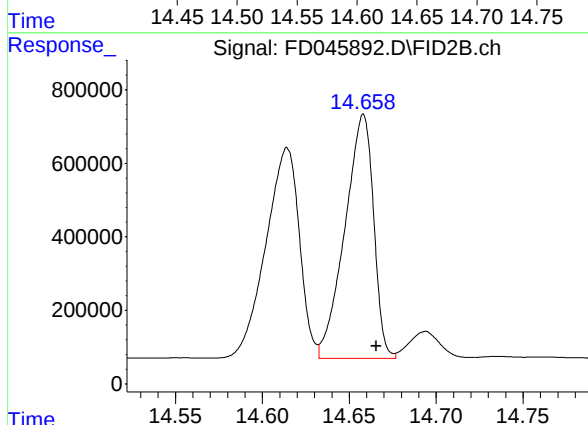
R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 8543906
Conc: 47.84 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD



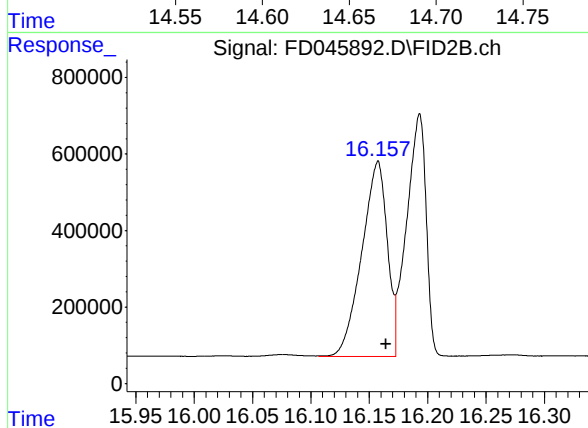
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 7718700
Conc: 49.30 ug/ml



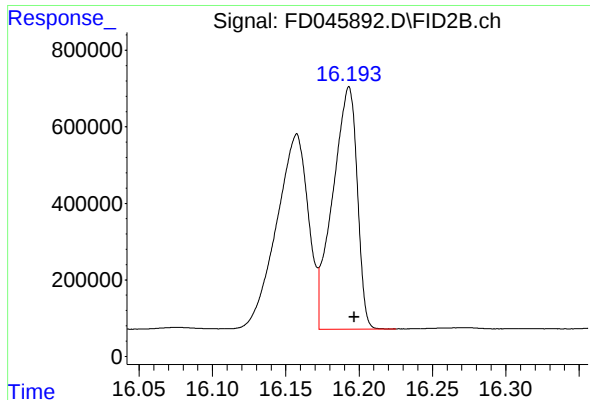
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 7627431
Conc: 46.23 ug/ml



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

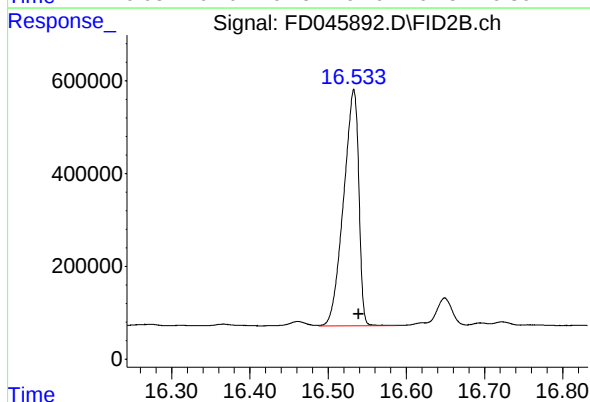
R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 7747023
Conc: 51.19 ug/ml



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

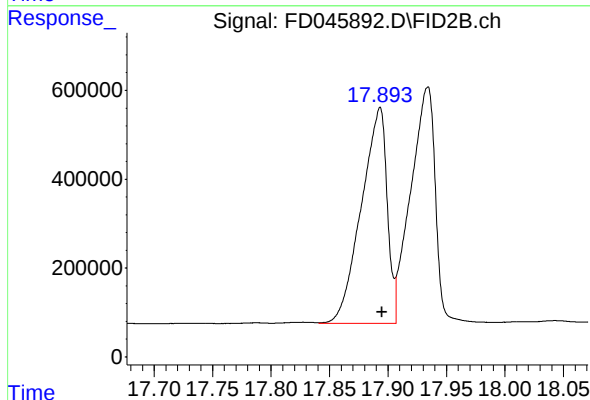
R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 7355233
Conc: 47.51 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD



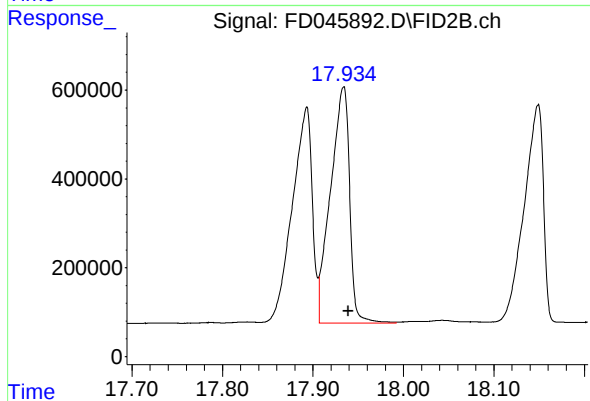
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: -0.007 min
Response: 6903000
Conc: 47.20 ug/ml



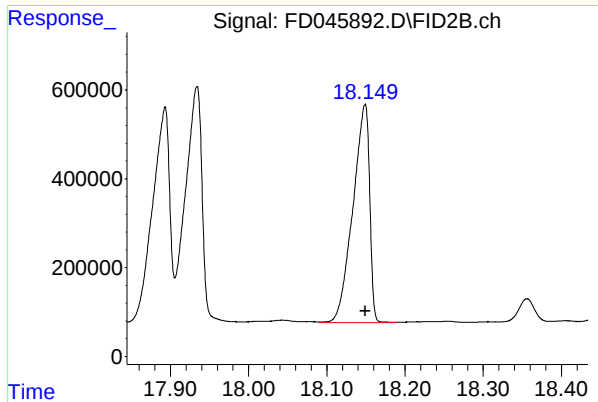
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: -0.003 min
Response: 7483390
Conc: 51.09 ug/ml



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

R.T.: 17.933 min
Delta R.T.: -0.006 min
Response: 7820094
Conc: 52.13 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 7300320
Conc: 49.48 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NEX-EPH-05MSD