

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048900.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:46
 Operator : YP/AJ
 Sample : PB165775BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165775BSD

Integration File: autoint1.e
 Quant Time: Dec 21 04:03:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.361	8454965	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
6) S 2-Fluorobiphenyl (SURR)	8.211	5060351	48.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.97%
11) S ortho-Terphenyl (SURR)	11.247	7922276	44.592 ug/ml
Spiked Amount 50.000		Recovery =	89.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	5801081	30.639 ug/ml
2) T Naphthalene (C11.7)	5.701	7379662	38.620 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	7387304	39.979 ug/ml
5) T Acenaphthylene (C15.06)	8.014	8060997	43.192 ug/ml
7) T Acenaphthene (C15.5)	8.309	8789116	47.193 ug/ml
8) T Flouorene (C16.55)	9.088	8824048	49.382 ug/ml
9) T Phenanthrene (C19.36)	10.476	8669054	51.903 ug/ml
10) T Anthracene (C19.43)	10.552	8754163	51.579 ug/ml
12) T Fluoranthene (C21.85)	12.281	8670068	52.967 ug/ml
13) T Pyrene (C20.8)	12.574	9021644	55.469 ug/ml
14) T Benzo[a]anthracene (C...	14.445	7784726	58.926 ug/ml
15) T Chrysene (C27.41)	14.488	7929200	49.115 ug/ml
16) T benzo[b]fluoranthene ...	15.994	7823973	58.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	7936750	52.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7560389	54.663 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	7629189	71.589 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	7628370	52.600 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	7301835	52.079 ug/ml

(f)=RT Delta > 1/2 Window

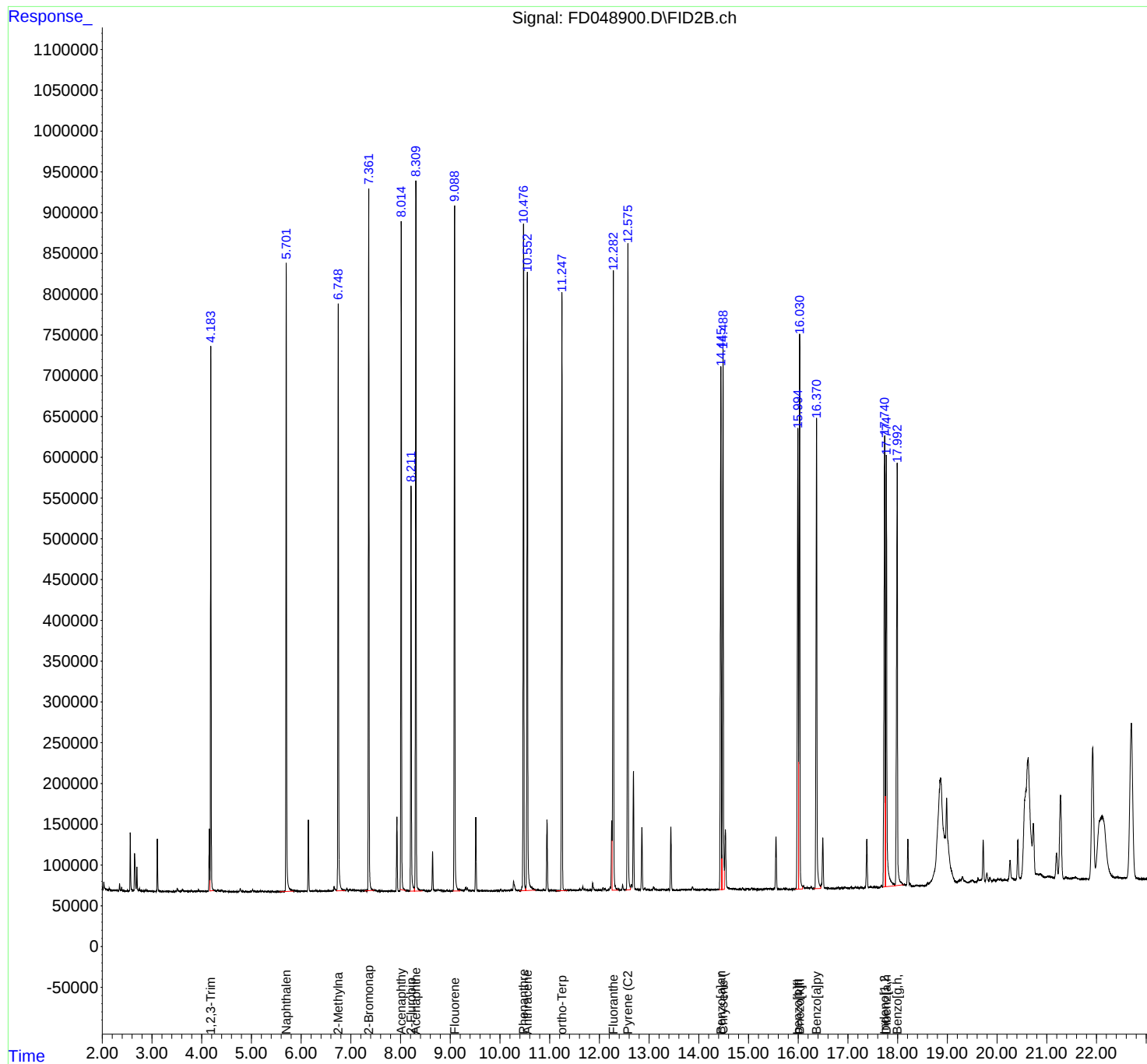
(m)=manual int.

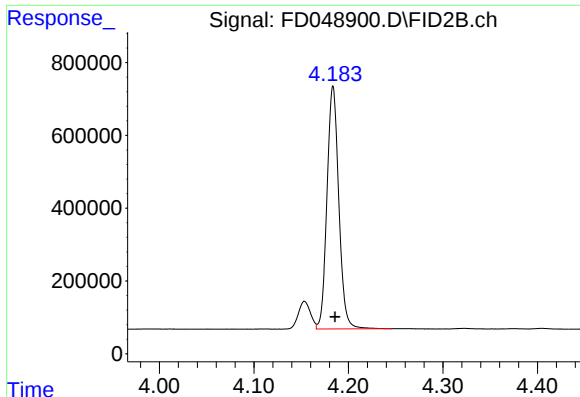
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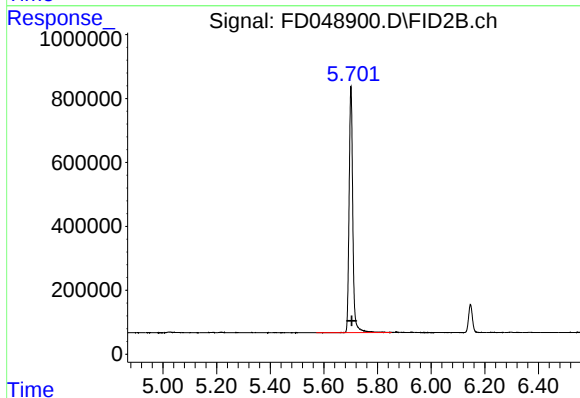




#1 1,2,3-Trimethylbenzene (C10.1)

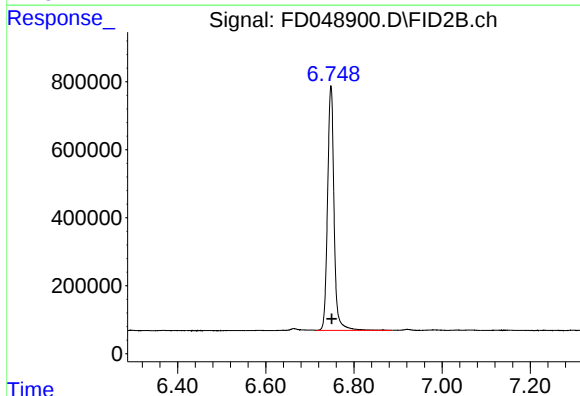
R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 5801081
Conc: 30.64 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BSD



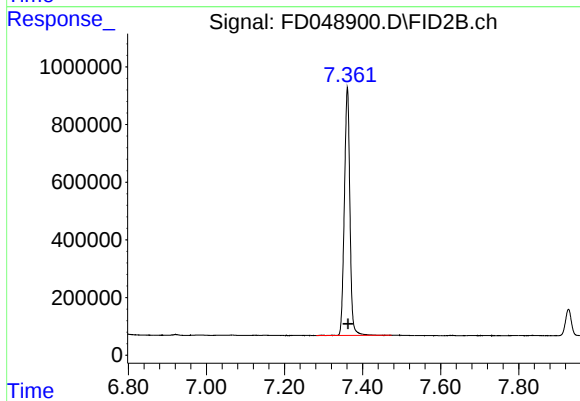
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 7379662
Conc: 38.62 ug/ml



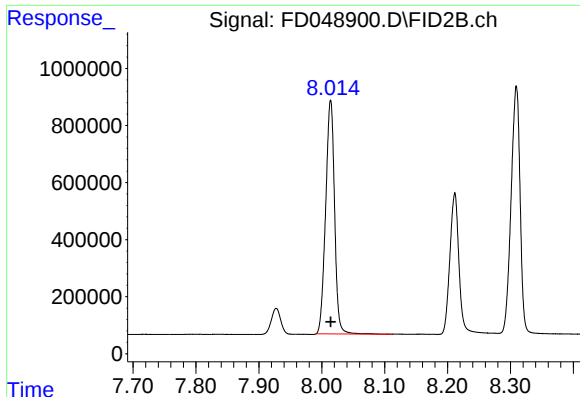
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 7387304
Conc: 39.98 ug/ml



#4 2-Bromonaphthalene (SURR)

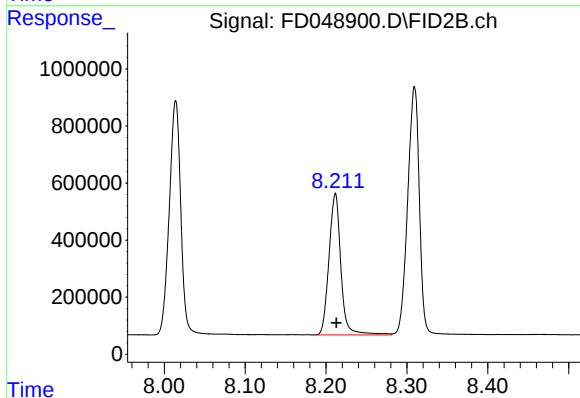
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8454965
Conc: 50.20 ug/ml



#5 Acenaphthylene (C15.06)

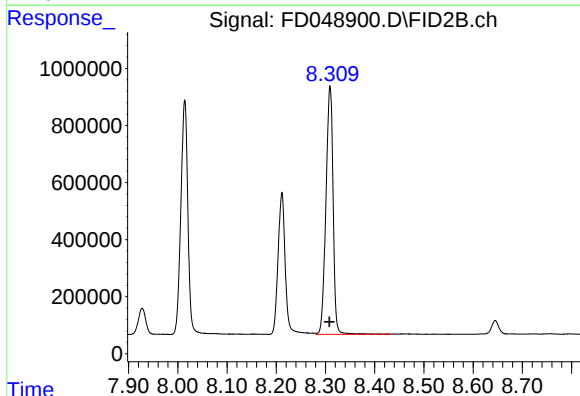
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 8060997
Conc: 43.19 ug/ml

Instrument :
FID_D
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PB165775BSD



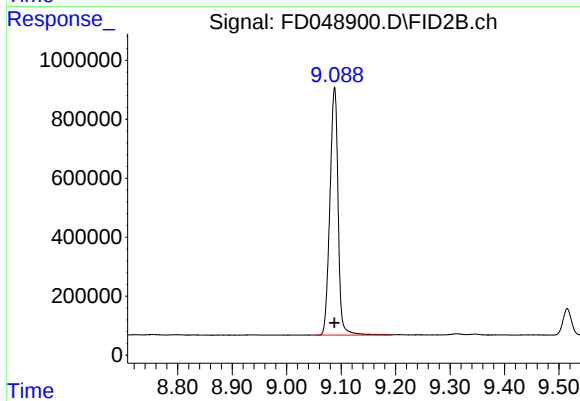
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 5060351
Conc: 48.98 ug/ml



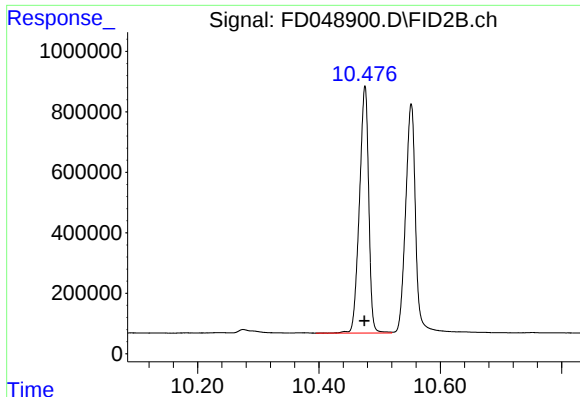
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 8789116
Conc: 47.19 ug/ml



#8 Flouorene (C16.55)

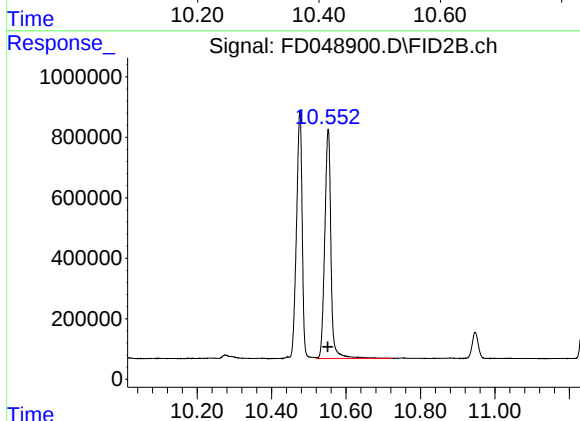
R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 8824048
Conc: 49.38 ug/ml



#9 Phenanthrene (C19.36)

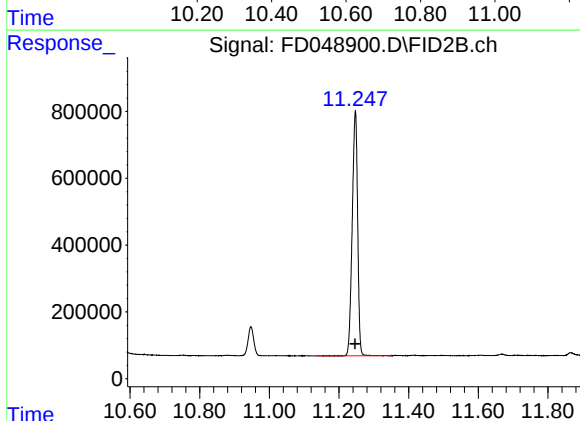
R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 8669054
Conc: 51.90 ug/ml

Instrument :
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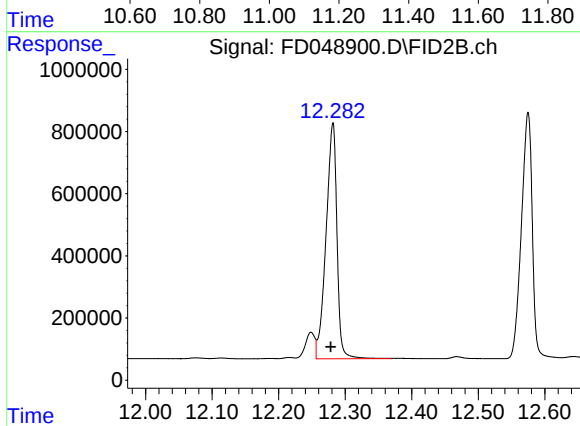
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 8754163
Conc: 51.58 ug/ml



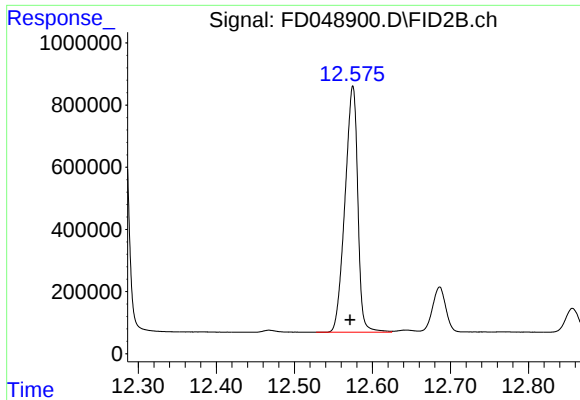
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 7922276
Conc: 44.59 ug/ml



#12 Fluoranthene (C21.85)

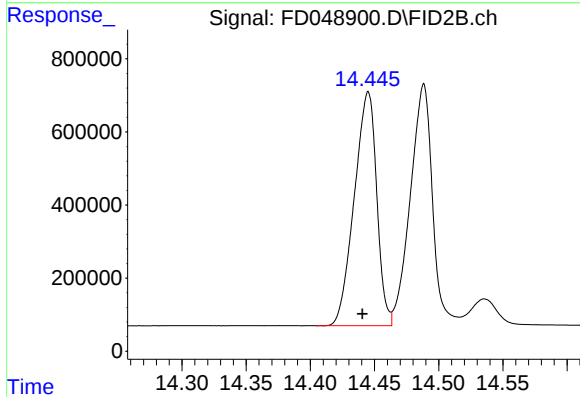
R.T.: 12.281 min
Delta R.T.: 0.002 min
Response: 8670068
Conc: 52.97 ug/ml



#13 Pyrene (C20.8)

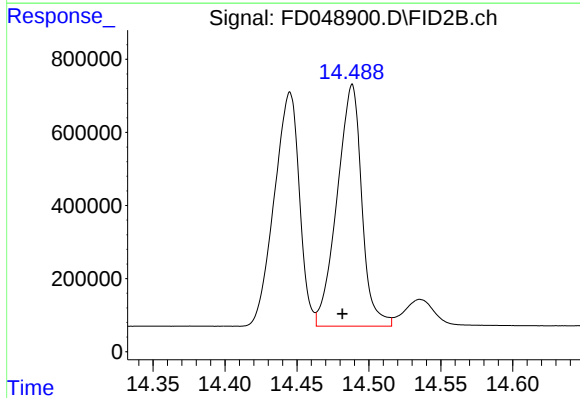
R.T.: 12.574 min
Delta R.T.: 0.003 min
Response: 9021644
Conc: 55.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BSD



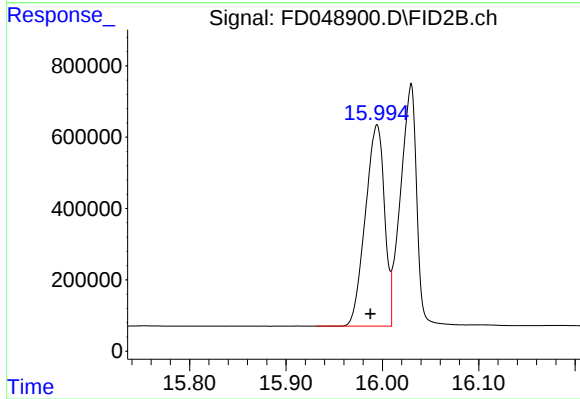
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.004 min
Response: 7784726
Conc: 58.93 ug/ml



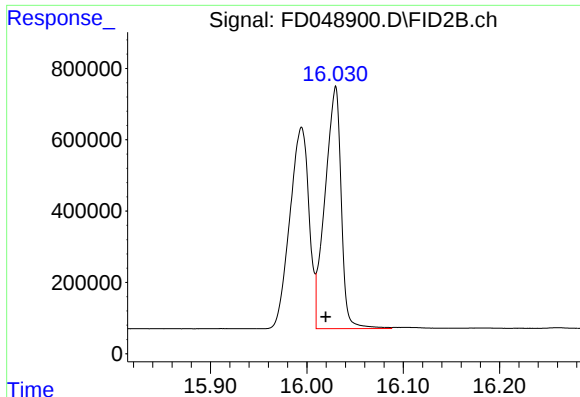
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.006 min
Response: 7929200
Conc: 49.12 ug/ml



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

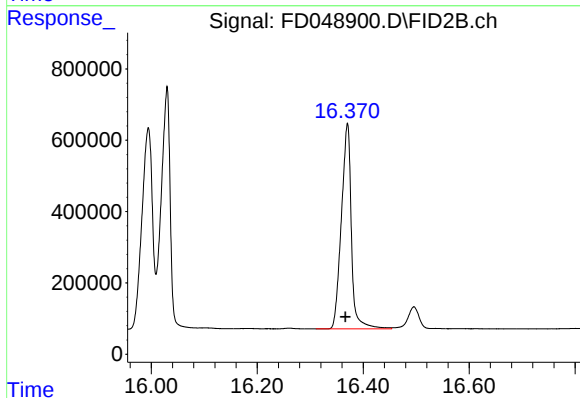
R.T.: 15.994 min
Delta R.T.: 0.006 min
Response: 7823973
Conc: 58.12 ug/ml



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

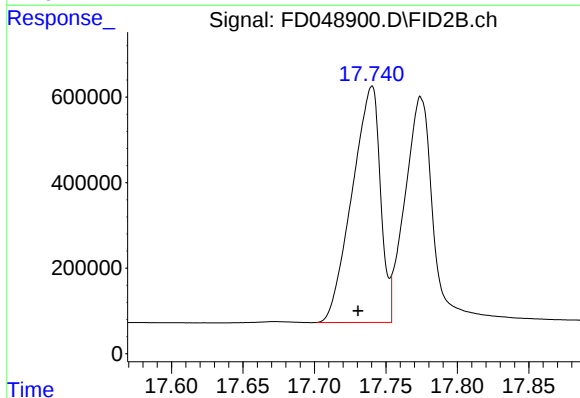
R.T.: 16.029 min
Delta R.T.: 0.009 min
Response: 7936750
Conc: 52.11 ug/ml

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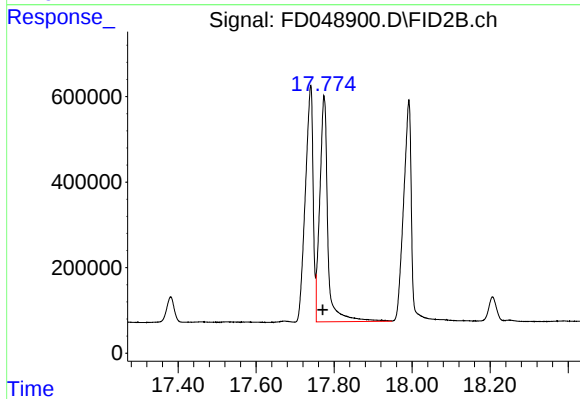
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.004 min
Response: 7560389
Conc: 54.66 ug/ml



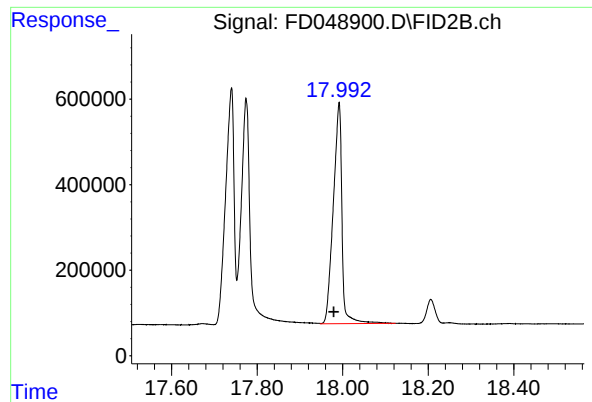
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.009 min
Response: 7629189
Conc: 71.59 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.003 min
Response: 7628370
Conc: 52.60 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.012 min
Response: 7301835
Conc: 52.08 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165775BSD