

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045488.D
 Signal(s) : FID2B.ch
 Acq On : 14 Apr 2023 17:38
 Operator : YP/AJ
 Sample : PB152121BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 03:24:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	6425705	46.900 ug/ml
Spiked Amount 50.000		Recovery =	93.80%
6) S 2-Fluorobiphenyl (SURR)	8.402	3837802	42.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.62%
11) S ortho-Terphenyl (SURR)	11.443	7118830	40.916 ug/ml
Spiked Amount 50.000		Recovery =	81.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	5402444	34.679 ug/ml
2) T Naphthalene (C11.7)	5.885	6254780	38.920 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	6388917	39.911 ug/ml
5) T Acenaphthylene (C15.06)	8.207	6971165	47.612 ug/ml
7) T Acenaphthene (C15.5)	8.503	7300603	47.069 ug/ml
8) T Fluorene (C16.55)	9.281	7023329	47.363 ug/ml
9) T Phenanthrene (C19.36)	10.673	6877806	47.480 ug/ml
10) T Anthracene (C19.43)	10.748	6708331	48.532 ug/ml
12) T Fluoranthene (C21.85)	12.478	6731552	46.789 ug/ml
13) T Pyrene (C20.8)	12.774	6745161	47.974 ug/ml
14) T Benzo[a]anthracene (C...	14.638	6069846	47.331 ug/ml
15) T Chrysene (C27.41)	14.682	5873152	44.292 ug/ml
16) T benzo[b]fluoranthene ...	16.182	6151777	47.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	5822724	45.973 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	5382489	42.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	5195295	43.895 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	5066557	42.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	5535535	44.316 ug/ml

(f)=RT Delta > 1/2 Window

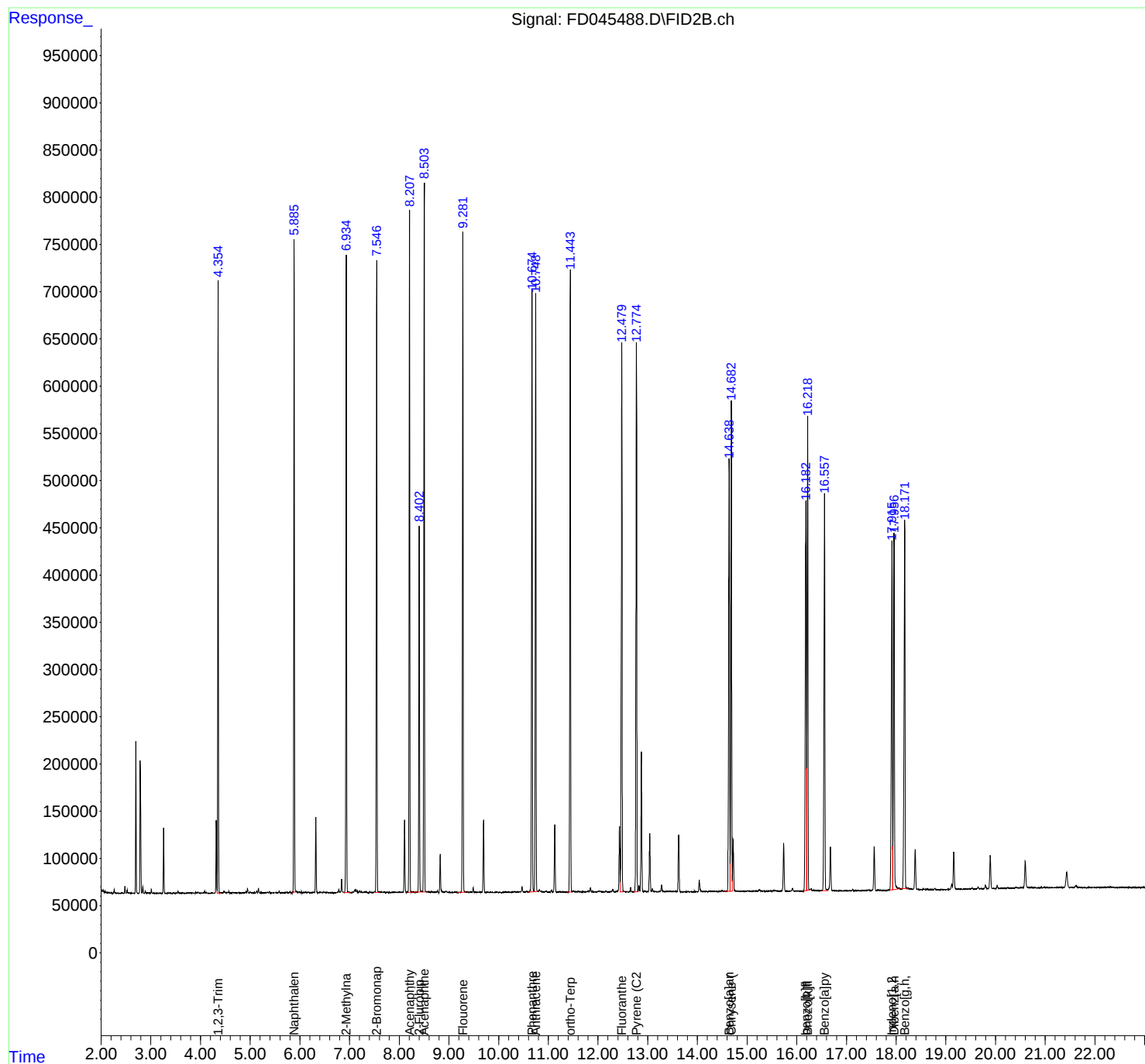
(m)=manual int.

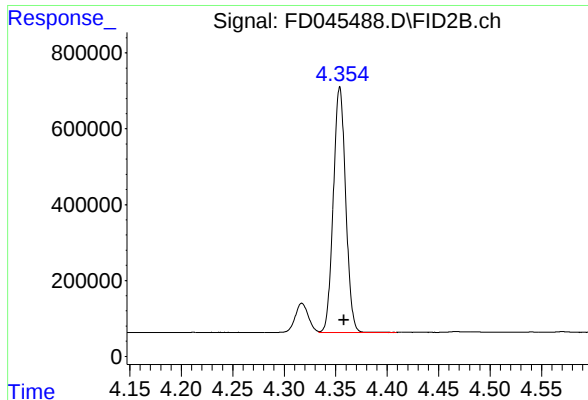
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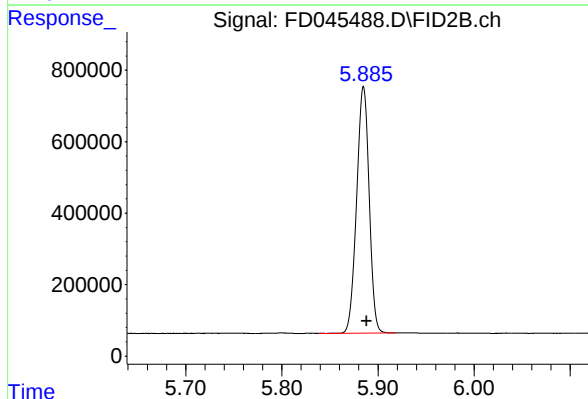




#1 1,2,3-Trimethylbenzene (C10.1)

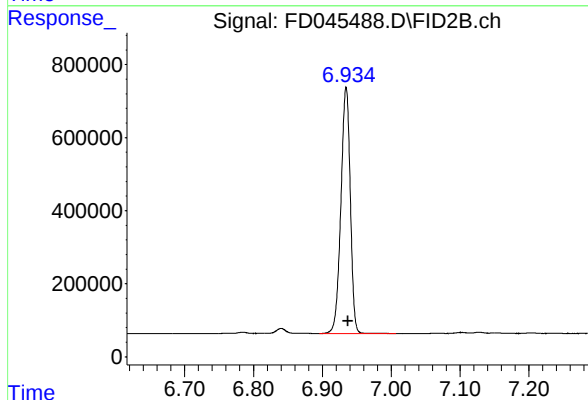
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 5402444
Conc: 34.68 ug/ml

Instrument :
FID_D
ClientSampleId :



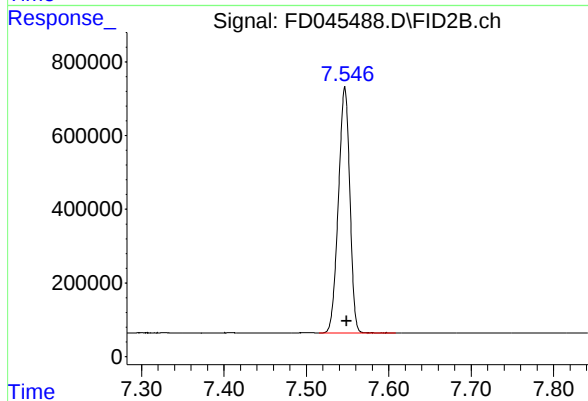
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 6254780
Conc: 38.92 ug/ml



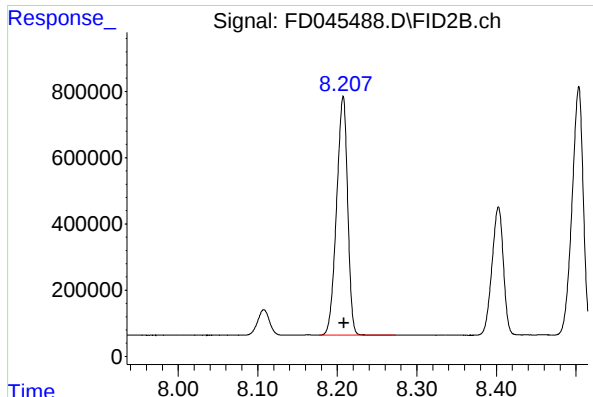
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 6388917
Conc: 39.91 ug/ml



#4 2-Bromonaphthalene (SURR)

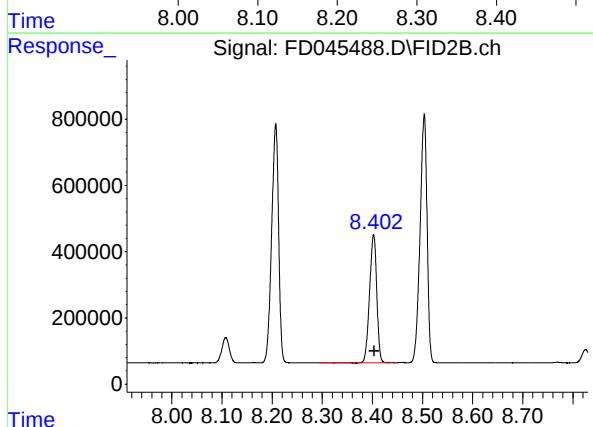
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 6425705
Conc: 46.90 ug/ml



#5 Acenaphthylene (C15.06)

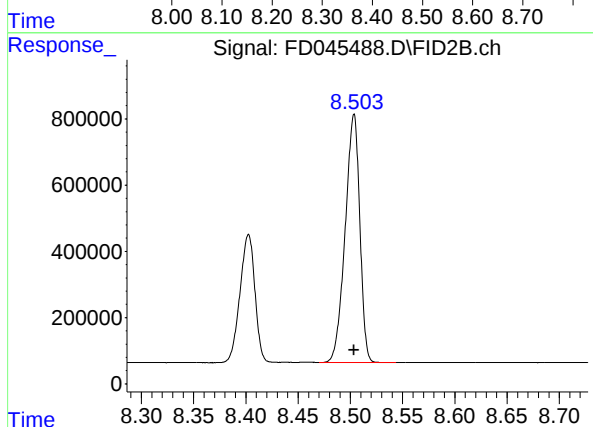
R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 6971165
Conc: 47.61 ug/ml

Instrument :
FID_D
ClientSampleId :



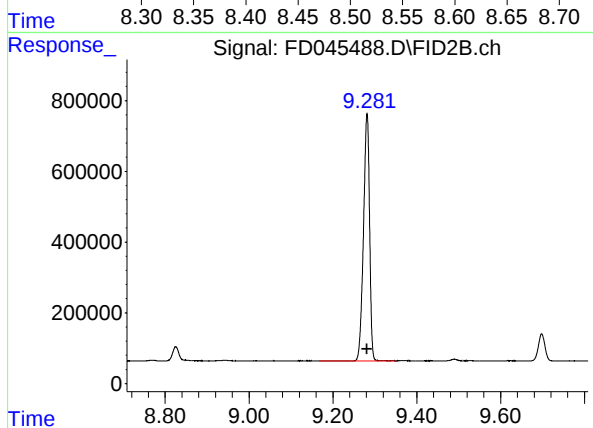
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 3837802
Conc: 42.81 ug/ml



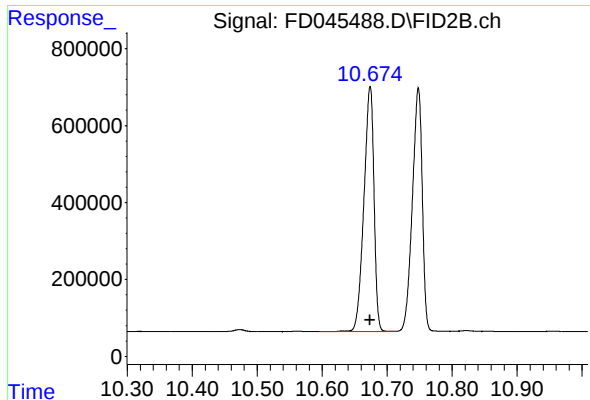
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 7300603
Conc: 47.07 ug/ml



#8 Flouorene (C16.55)

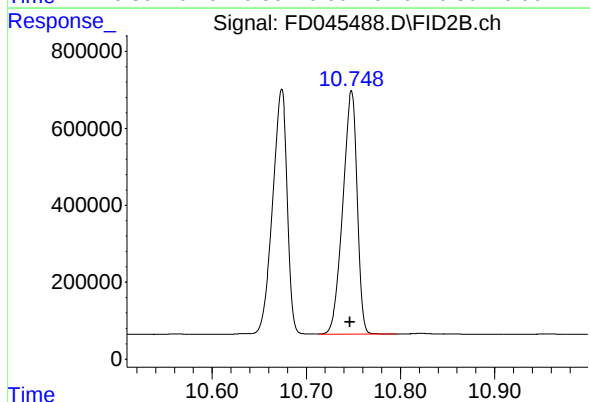
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 7023329
Conc: 47.36 ug/ml



#9 Phenanthrene (C19.36)

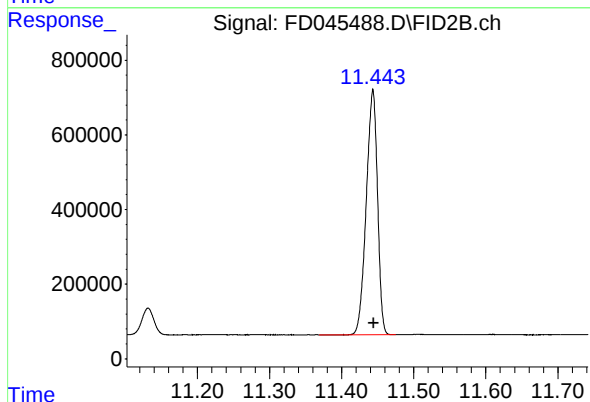
R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 6877806
Conc: 47.48 ug/ml

Instrument :
FID_D
ClientSampleId :



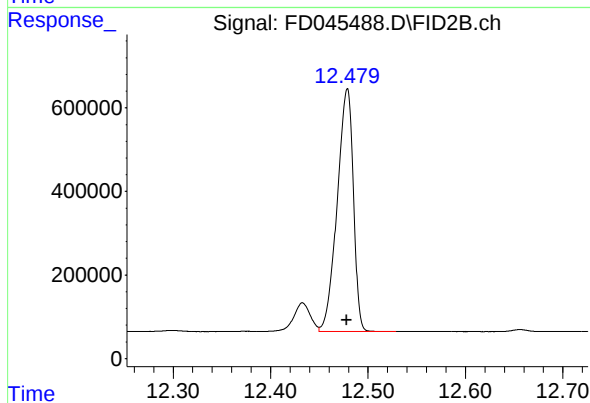
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.001 min
Response: 6708331
Conc: 48.53 ug/ml



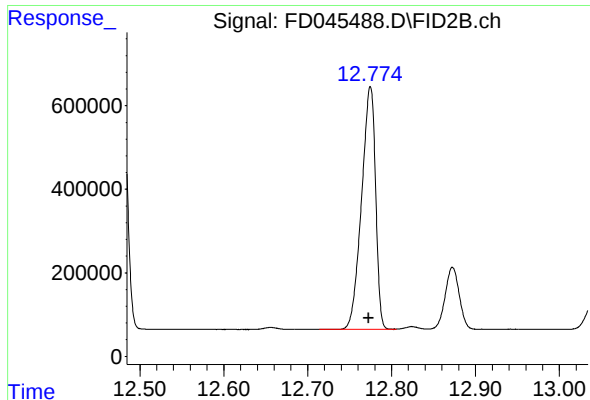
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.001 min
Response: 7118830
Conc: 40.92 ug/ml



#12 Fluoranthene (C21.85)

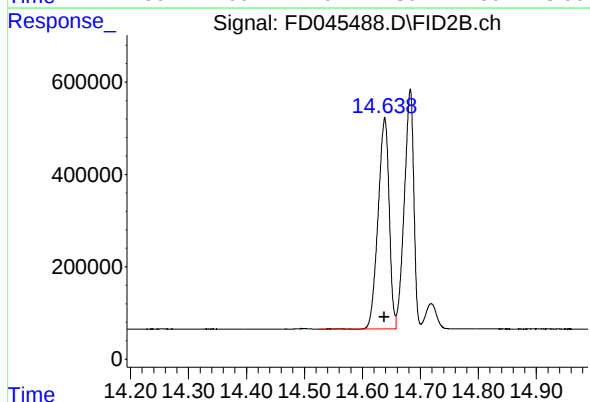
R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 6731552
Conc: 46.79 ug/ml



#13 Pyrene (C20.8)

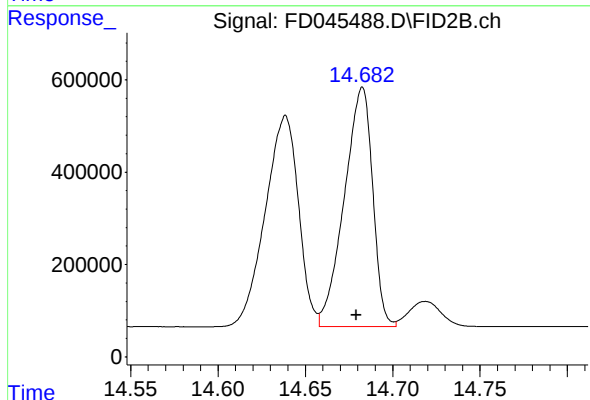
R.T.: 12.774 min
Delta R.T.: 0.001 min
Response: 6745161
Conc: 47.97 ug/ml

Instrument :
FID_D
ClientSampleId :



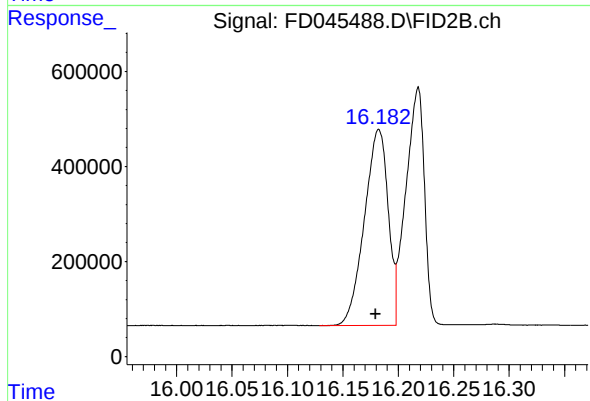
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 6069846
Conc: 47.33 ug/ml



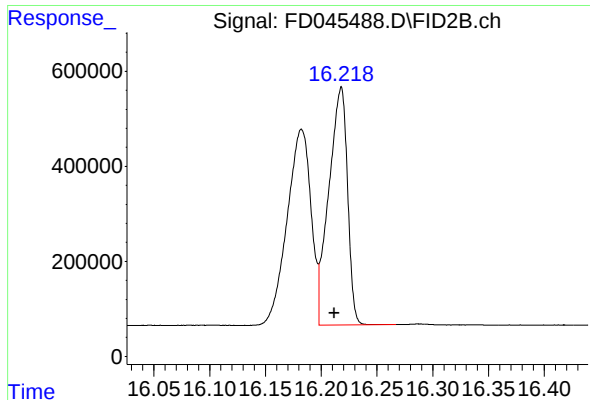
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.003 min
Response: 5873152
Conc: 44.29 ug/ml



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

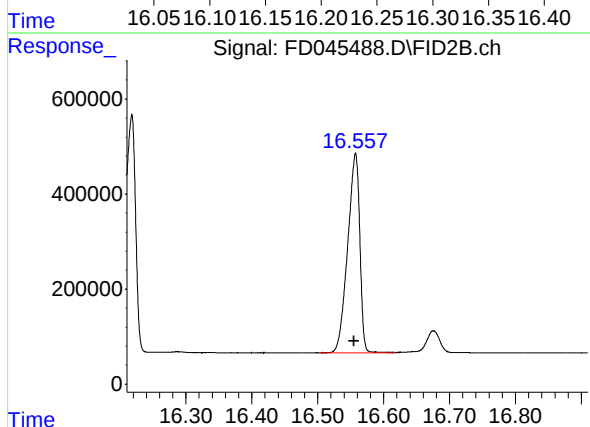
R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 6151777
Conc: 47.36 ug/ml



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

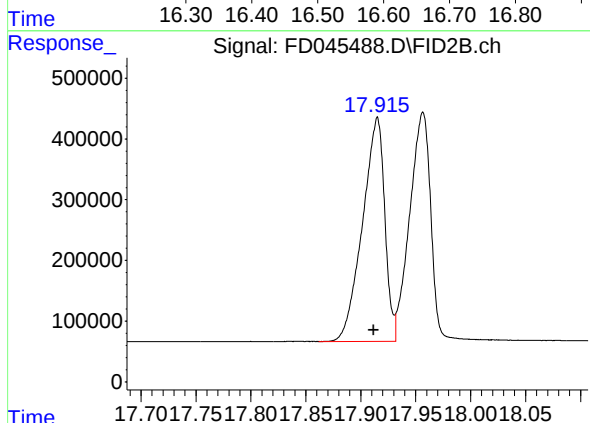
R.T.: 16.217 min
Delta R.T.: 0.005 min
Response: 5822724
Conc: 45.97 ug/ml

Instrument :
FID_D
ClientSampleId :



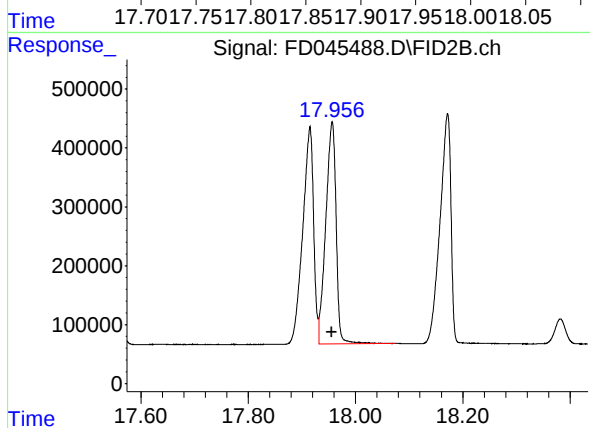
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.002 min
Response: 5382489
Conc: 42.81 ug/ml



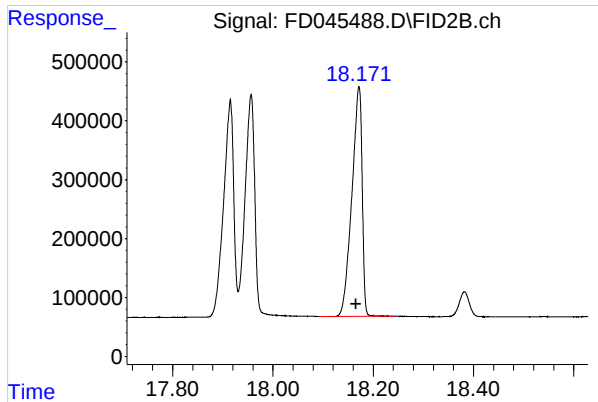
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.003 min
Response: 5195295
Conc: 43.89 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.000 min
Response: 5066557
Conc: 42.53 ug/ml



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

R.T.: 18.171 min

Delta R.T.: 0.005 min

Response: 5535535

Conc: 44.32 ug/ml

Instrument :

FID_D

ClientSampleId :