

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092523AR\
 Data File : FD046571.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 17:47
 Operator : YP/AJ
 Sample : PB155783BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155783BSD

Integration File: autoint1.e
 Quant Time: Sep 26 00:16:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.493	8696635	49.349 ug/ml
Spiked Amount 50.000		Recovery =	98.70%
6) S 2-Fluorobiphenyl (SURR)	8.347	5772219	49.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.64%
11) S ortho-Terphenyl (SURR)	11.386	9972733	48.951 ug/ml
Spiked Amount 50.000		Recovery =	97.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	6522464	35.314 ug/ml
2) T Naphthalene (C11.7)	5.831	7360390	38.091 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	7491916	38.661 ug/ml
5) T Acenaphthylene (C15.06)	8.150	7901653	44.813 ug/ml
7) T Acenaphthene (C15.5)	8.446	7755100	41.274 ug/ml
8) T Fluorene (C16.55)	9.224	8056255	44.660 ug/ml
9) T Phenanthrene (C19.36)	10.615	8284941	47.120 ug/ml
10) T Anthracene (C19.43)	10.690	8172161	53.206 ug/ml
12) T Fluoranthene (C21.85)	12.419	8569305	50.278 ug/ml
13) T Pyrene (C20.8)	12.713	8627257	52.590 ug/ml
14) T Benzo[a]anthracene (C...	14.577	7935265	56.829 ug/ml
15) T Chrysene (C27.41)	14.621	7982109	52.582 ug/ml
16) T benzo[b]fluoranthene ...	16.119	7541435	54.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	7528870	54.351 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	7147180	53.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	6967527	55.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6679139	50.193 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	6628255	50.262 ug/ml

(f)=RT Delta > 1/2 Window

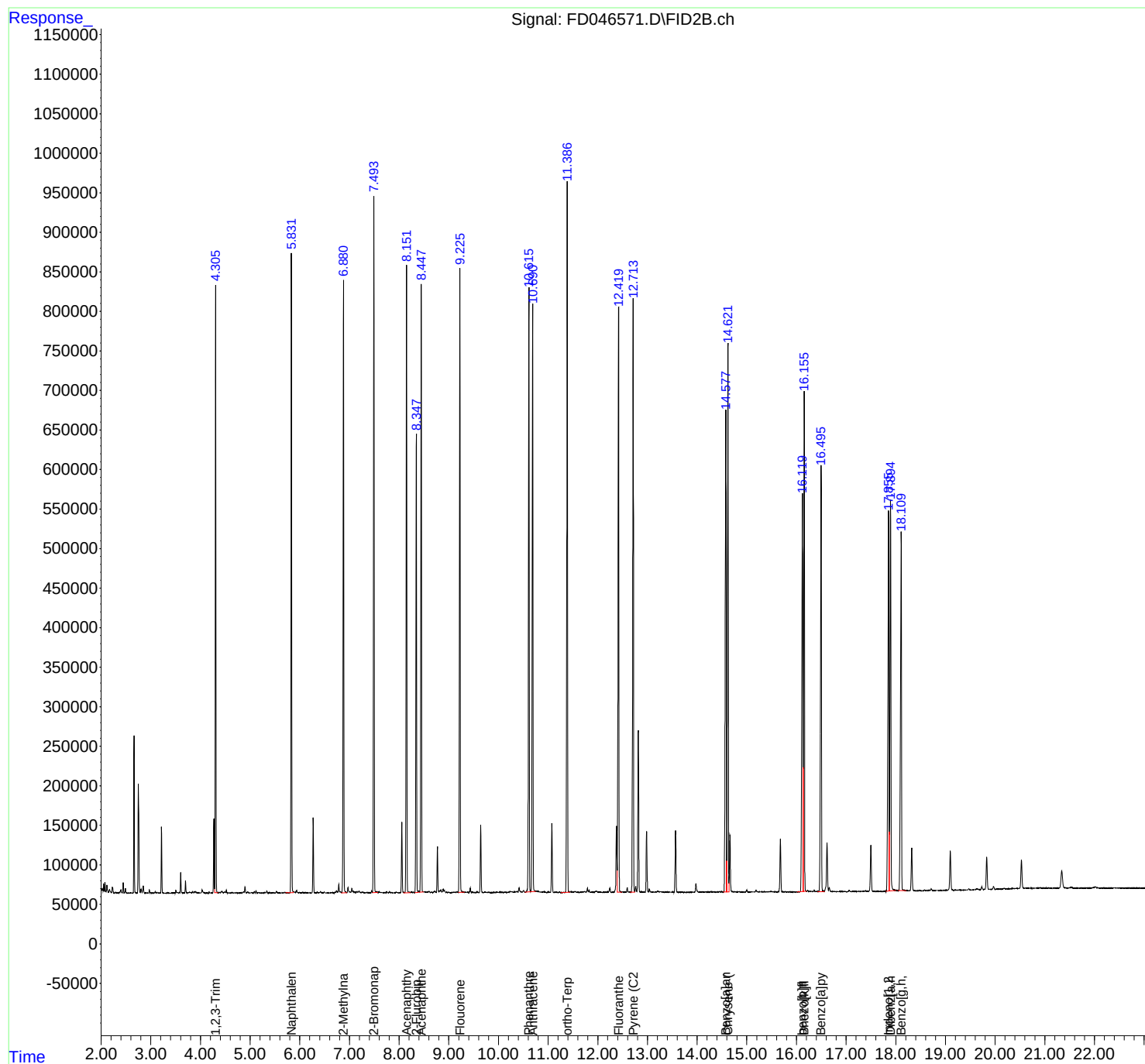
(m)=manual int.

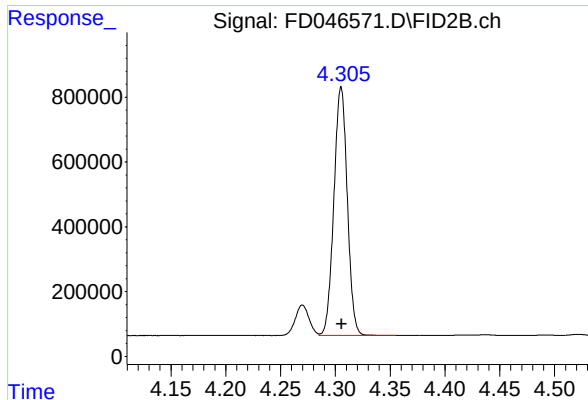
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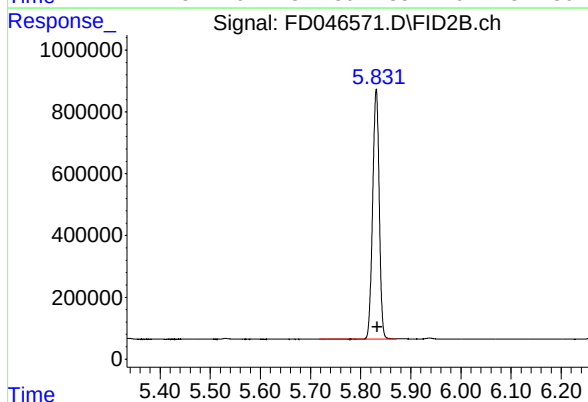




#1 1,2,3-Trimethylbenzene (C10.1)

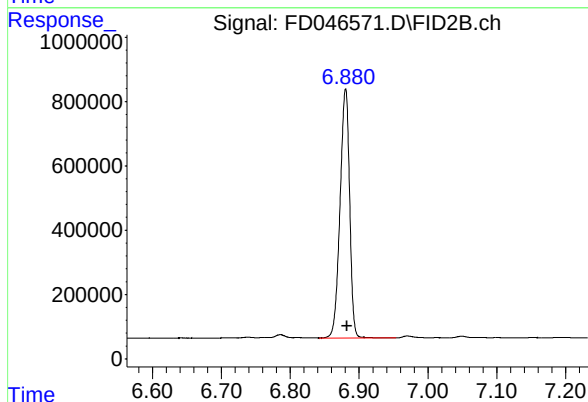
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 6522464
Conc: 35.31 ug/ml

Instrument :
FID_D
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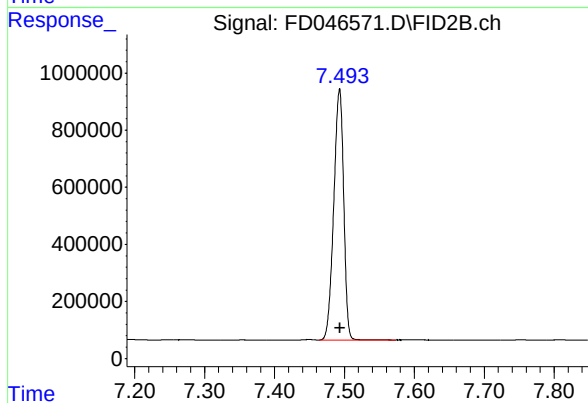
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 7360390
Conc: 38.09 ug/ml



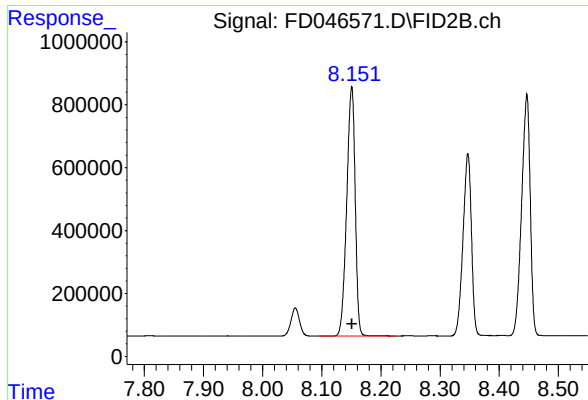
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 7491916
Conc: 38.66 ug/ml



#4 2-Bromonaphthalene (SURR)

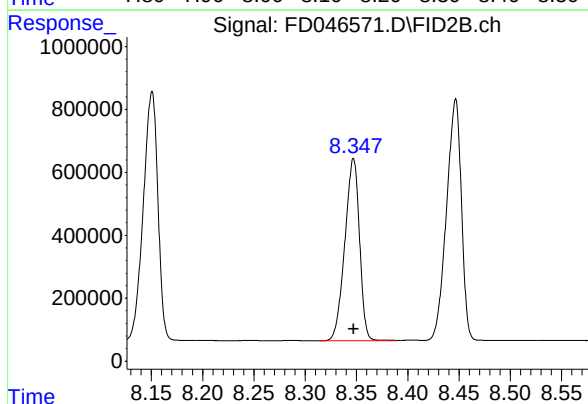
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 8696635
Conc: 49.35 ug/ml



#5 Acenaphthylene (C15.06)

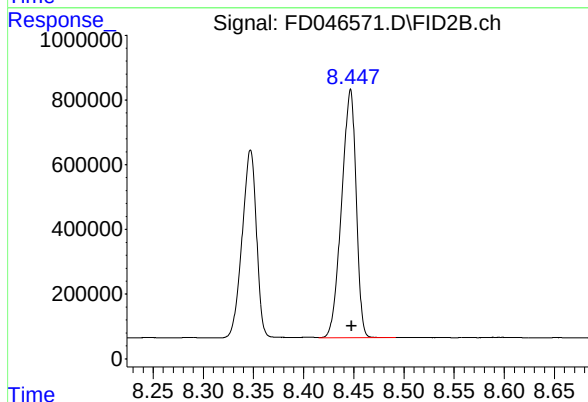
R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 7901653
Conc: 44.81 ug/ml

Instrument :
FID_D
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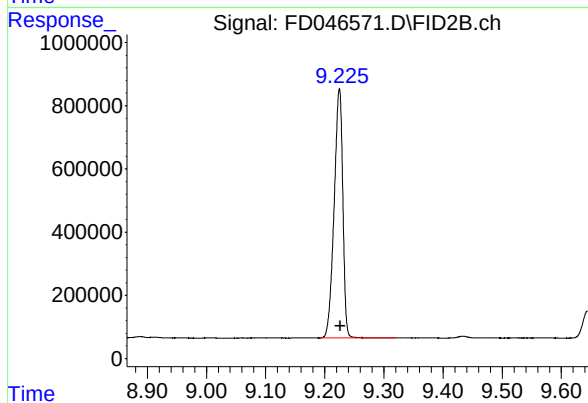
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 5772219
Conc: 49.82 ug/ml



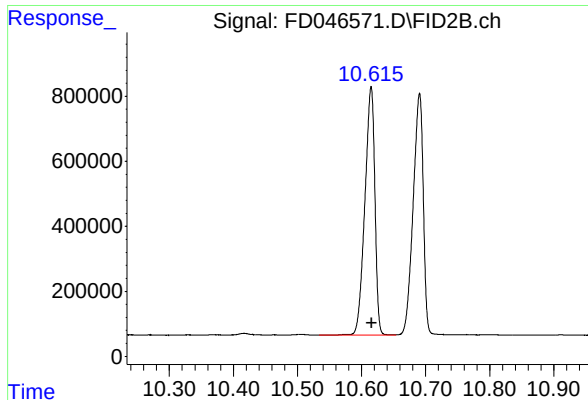
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 7755100
Conc: 41.27 ug/ml



#8 Flouorene (C16.55)

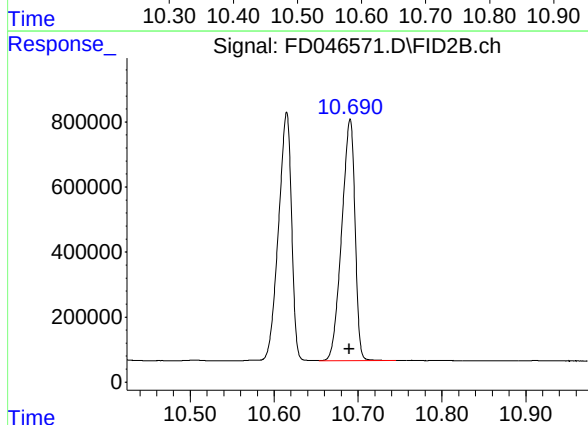
R.T.: 9.224 min
Delta R.T.: -0.002 min
Response: 8056255
Conc: 44.66 ug/ml



#9 Phenanthrene (C19.36)

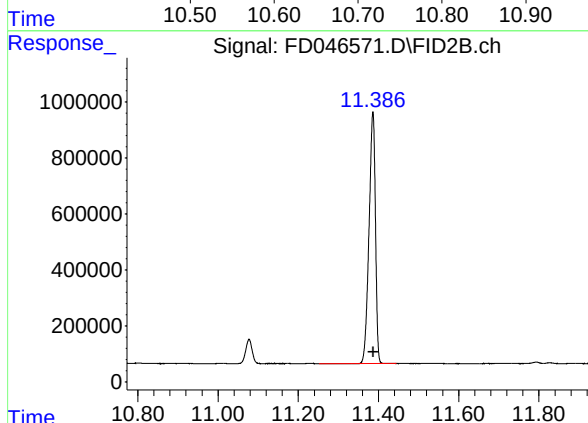
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 8284941
Conc: 47.12 ug/ml

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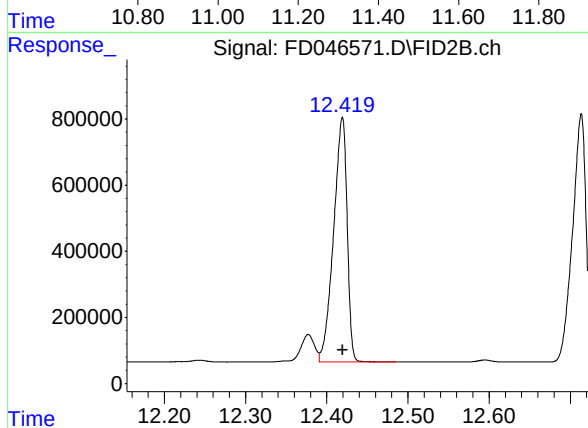
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 8172161
Conc: 53.21 ug/ml



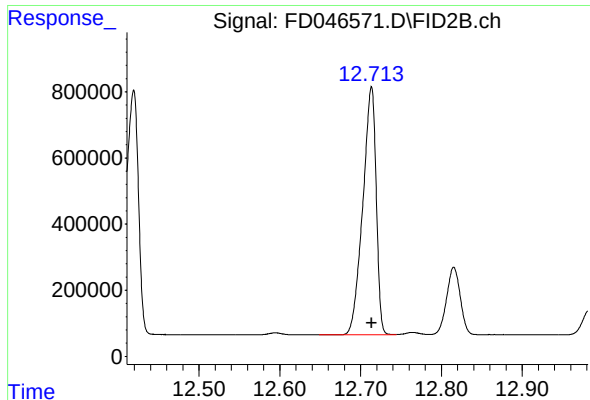
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 9972733
Conc: 48.95 ug/ml



#12 Fluoranthene (C21.85)

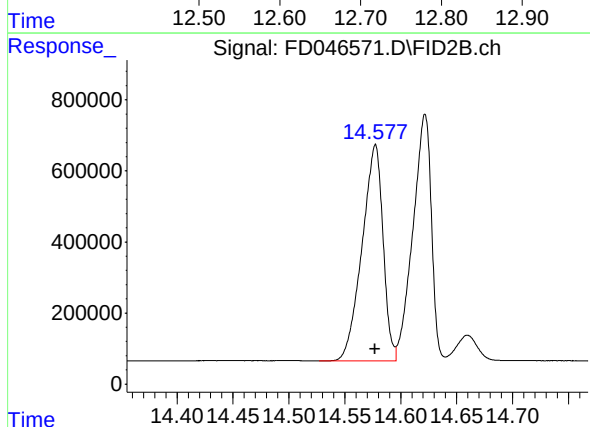
R.T.: 12.419 min
Delta R.T.: -0.001 min
Response: 8569305
Conc: 50.28 ug/ml



#13 Pyrene (C20.8)

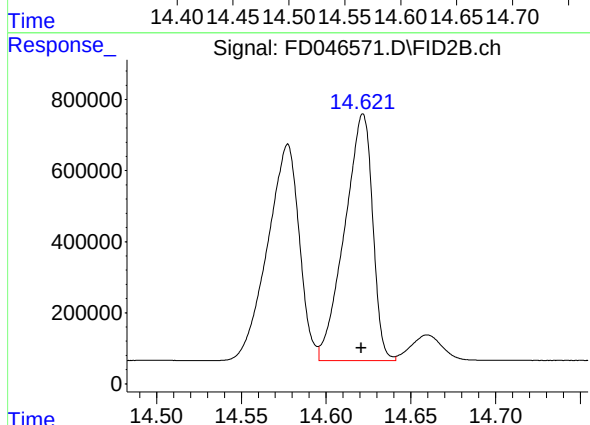
R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 8627257
Conc: 52.59 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155783BSD



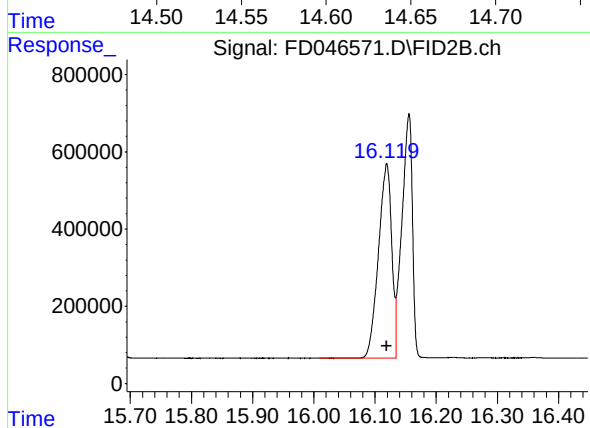
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 7935265
Conc: 56.83 ug/ml



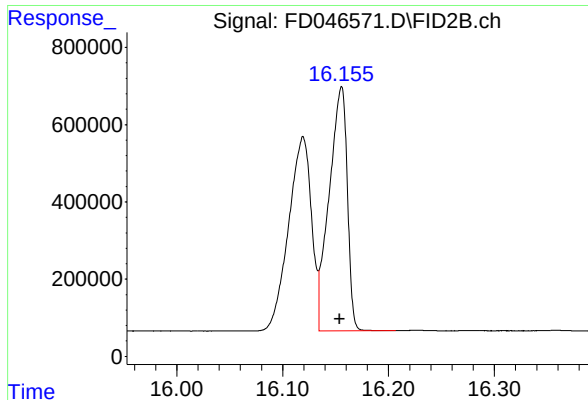
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 7982109
Conc: 52.58 ug/ml



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

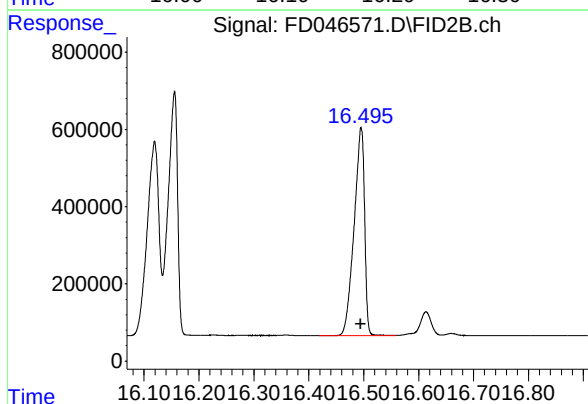
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 7541435
Conc: 54.98 ug/ml



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

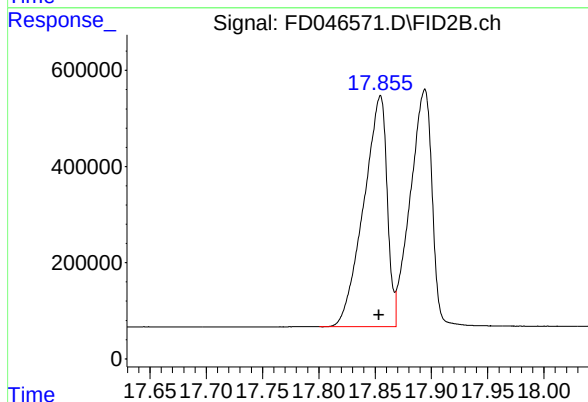
R.T.: 16.155 min
Delta R.T.: 0.001 min
Response: 7528870
Conc: 54.35 ug/ml

Instrument :
FID_D
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PB155783BSD



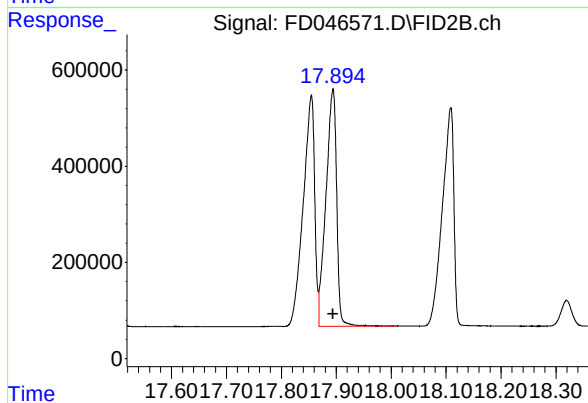
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 7147180
Conc: 53.43 ug/ml



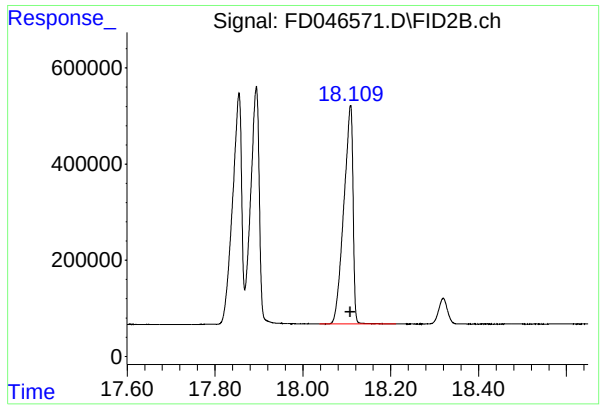
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.000 min
Response: 6967527
Conc: 55.59 ug/ml



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

R.T.: 17.893 min
Delta R.T.: 0.000 min
Response: 6679139
Conc: 50.19 ug/ml



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

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 6628255
Conc: 50.26 ug/ml

Instrument :

FID_D

ClientSampleId :

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