

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046036.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 18:44
 Operator : YP/AJ
 Sample : PB153795BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153795BS

Integration File: autoint1.e
 Quant Time: Jun 29 02:16:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	8029470	37.260 ug/ml
Spiked Amount 50.000		Recovery =	74.52%
6) S 2-Fluorobiphenyl (SURR)	8.374	3725339	26.917 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.83%
11) S ortho-Terphenyl (SURR)	11.416	10379094	40.940 ug/ml
Spiked Amount 50.000		Recovery =	81.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	6405575	25.714 ug/ml
2) T Naphthalene (C11.7)	5.857	7401402	29.011 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	7597274	30.137 ug/ml
5) T Acenaphthylene (C15.06)	8.180	8480168	39.043 ug/ml
7) T Acenaphthene (C15.5)	8.476	8558439	36.307 ug/ml
8) T Fluorene (C16.55)	9.255	8464939	37.413 ug/ml
9) T Phenanthrene (C19.36)	10.646	8165979	38.270 ug/ml
10) T Anthracene (C19.43)	10.721	8100377	50.980 ug/ml
12) T Fluoranthene (C21.85)	12.452	7883249	38.520 ug/ml
13) T Pyrene (C20.8)	12.747	7894369	40.601 ug/ml
14) T Benzo[a]anthracene (C...	14.612	7437853	41.357 ug/ml
15) T Chrysene (C27.41)	14.656	7471578	38.067 ug/ml
16) T benzo[b]fluoranthene ...	16.156	7760738	41.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	7376931	37.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	6858100	39.362 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	7246304	38.936 ug/ml
20) T Dibenz[a,h]anthracene...	17.933	7241793	39.389 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	7322965	39.191 ug/ml

(f)=RT Delta > 1/2 Window

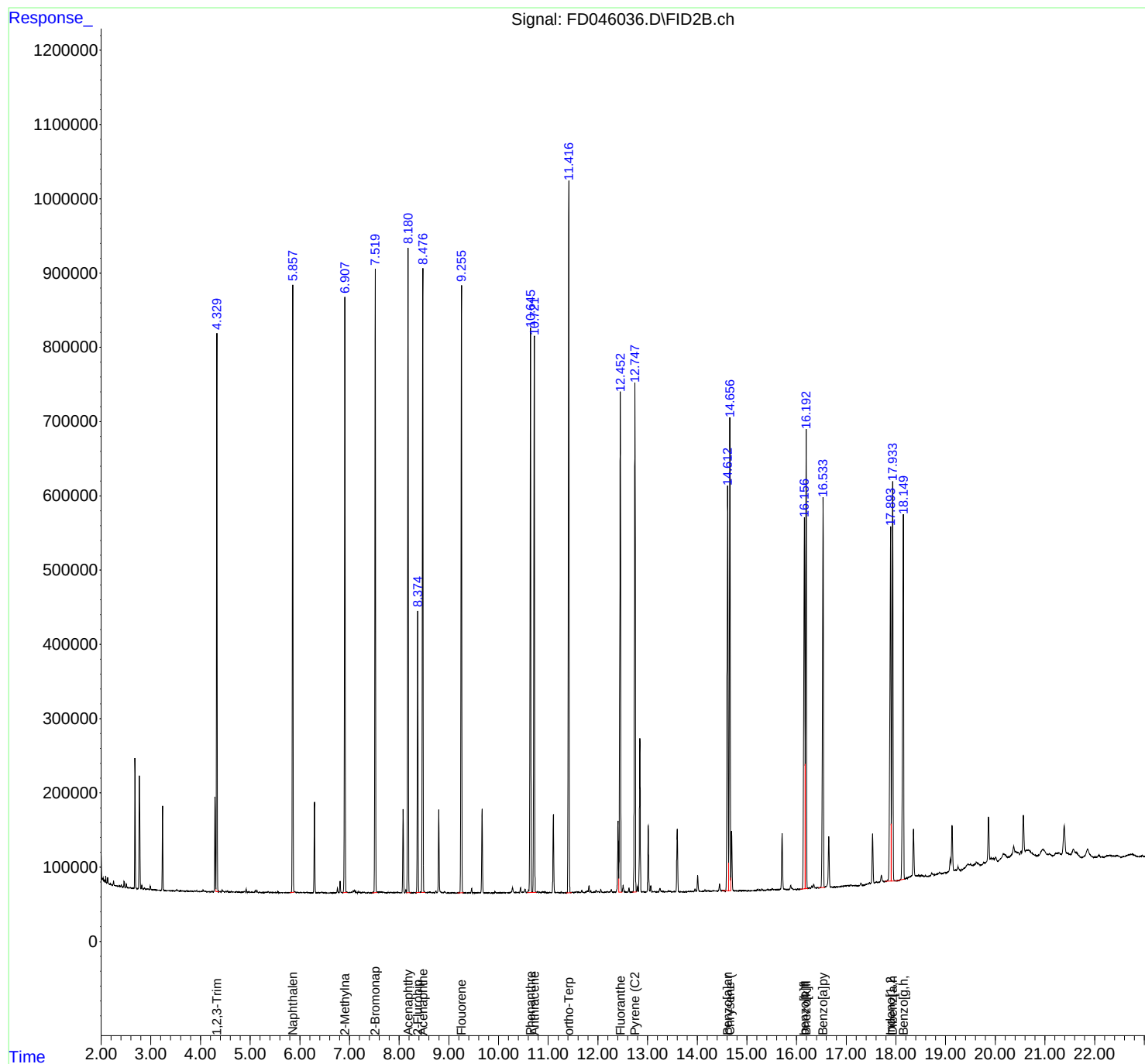
(m)=manual int.

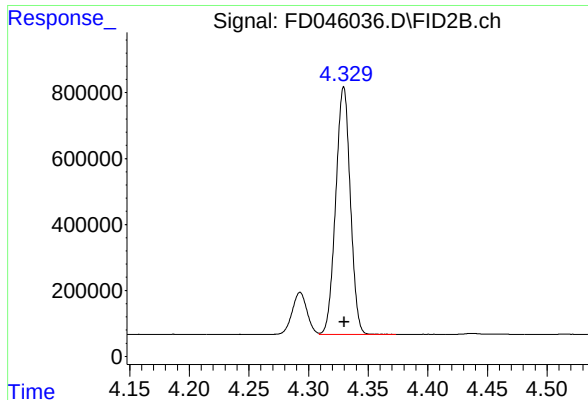
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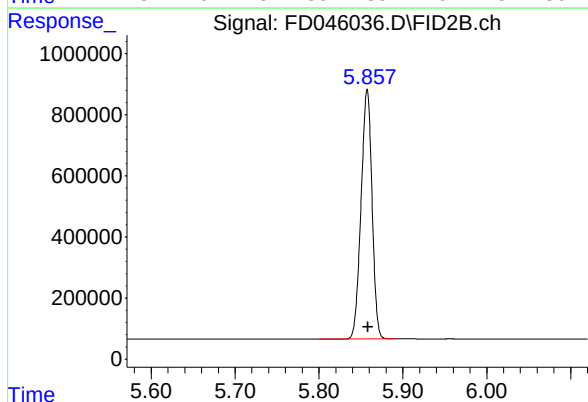




#1 1,2,3-Trimethylbenzene (C10.1)

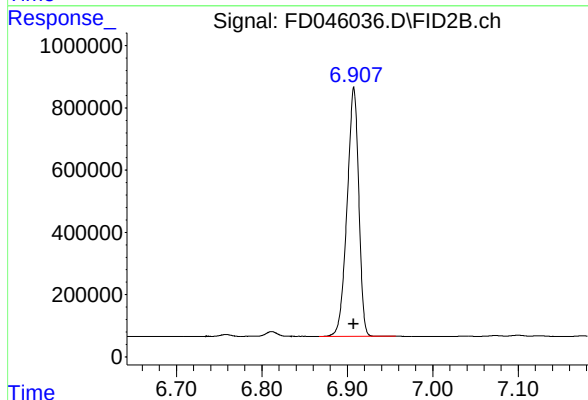
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 6405575
Conc: 25.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BS



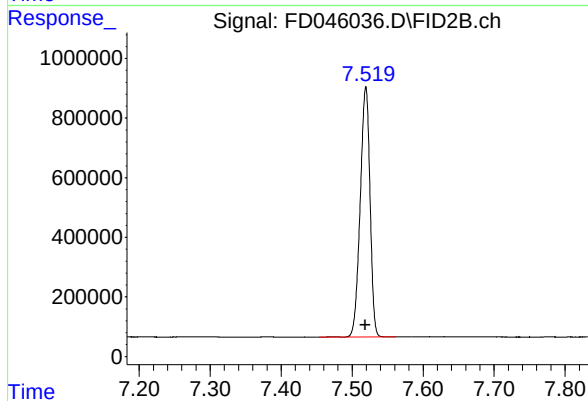
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 7401402
Conc: 29.01 ug/ml



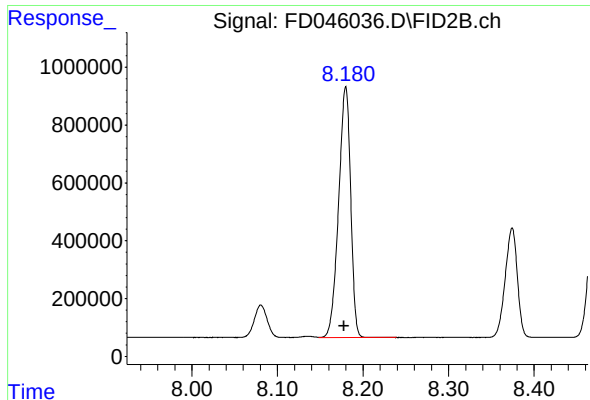
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 7597274
Conc: 30.14 ug/ml



#4 2-Bromonaphthalene (SURR)

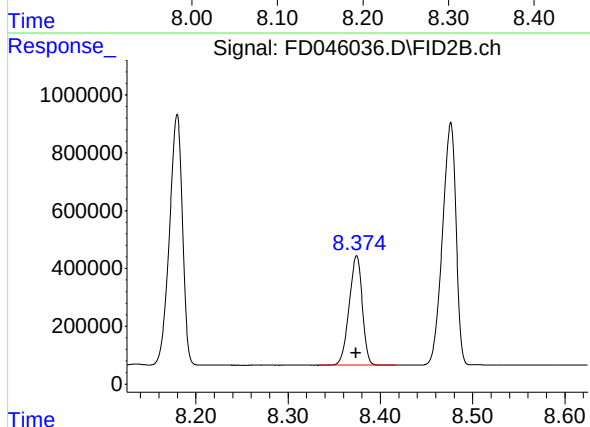
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8029470
Conc: 37.26 ug/ml



#5 Acenaphthylene (C15.06)

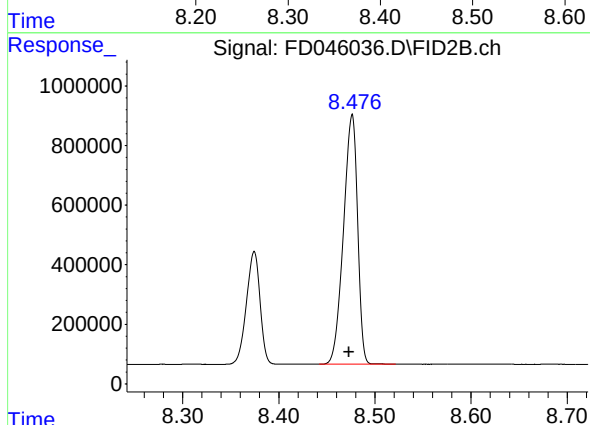
R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 8480168
Conc: 39.04 ug/ml

Instrument :
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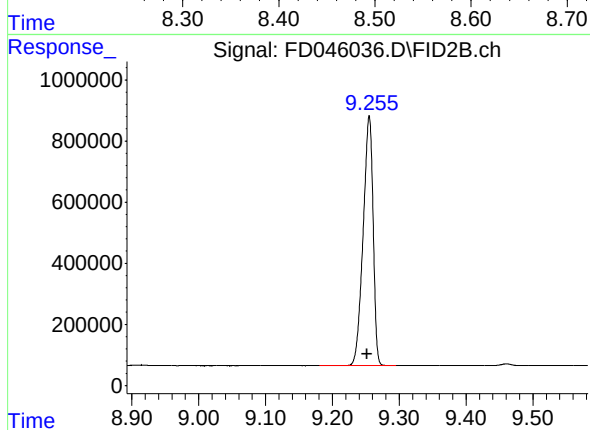
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 3725339
Conc: 26.92 ug/ml



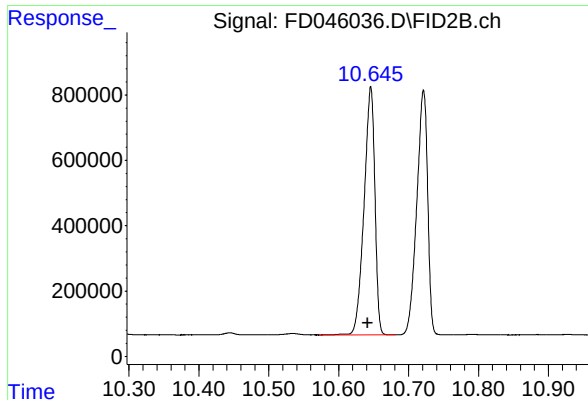
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: 0.003 min
Response: 8558439
Conc: 36.31 ug/ml



#8 Flouorene (C16.55)

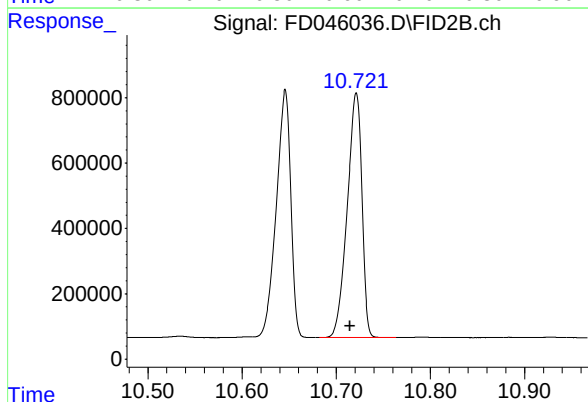
R.T.: 9.255 min
Delta R.T.: 0.003 min
Response: 8464939
Conc: 37.41 ug/ml



#9 Phenanthrene (C19.36)

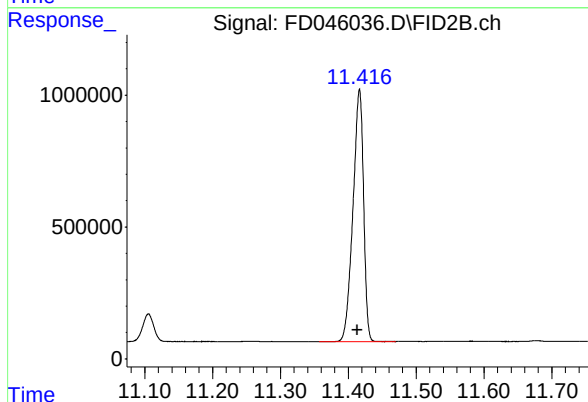
R.T.: 10.646 min
Delta R.T.: 0.004 min
Response: 8165979
Conc: 38.27 ug/ml

Instrument :
FID_D
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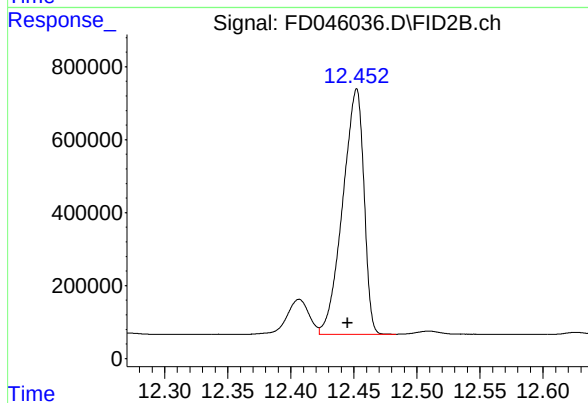
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: 0.006 min
Response: 8100377
Conc: 50.98 ug/ml



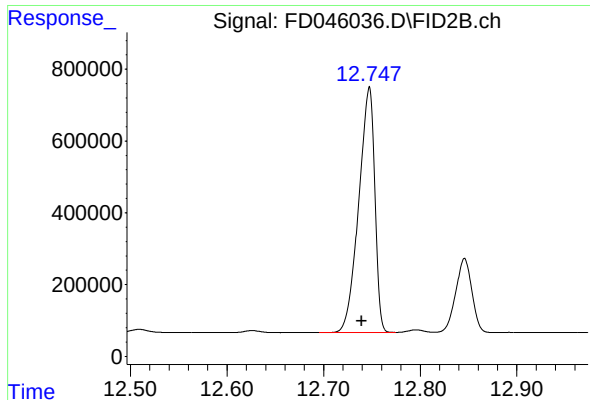
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 10379094
Conc: 40.94 ug/ml



#12 Fluoranthene (C21.85)

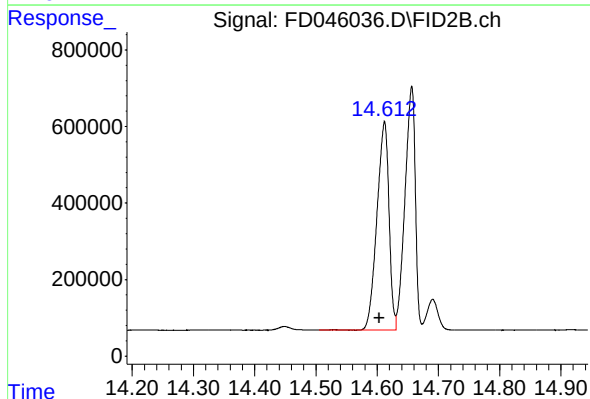
R.T.: 12.452 min
Delta R.T.: 0.007 min
Response: 7883249
Conc: 38.52 ug/ml



#13 Pyrene (C20.8)

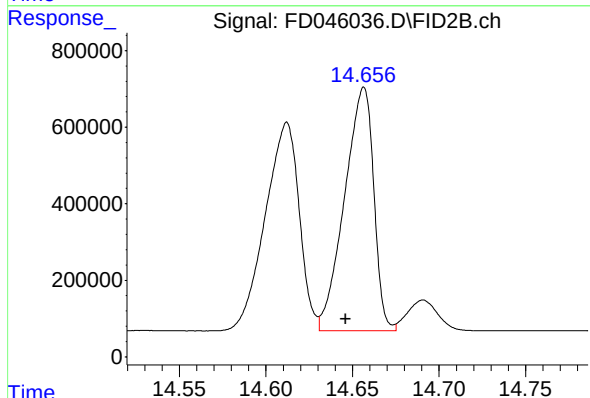
R.T.: 12.747 min
Delta R.T.: 0.007 min
Response: 7894369
Conc: 40.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BS



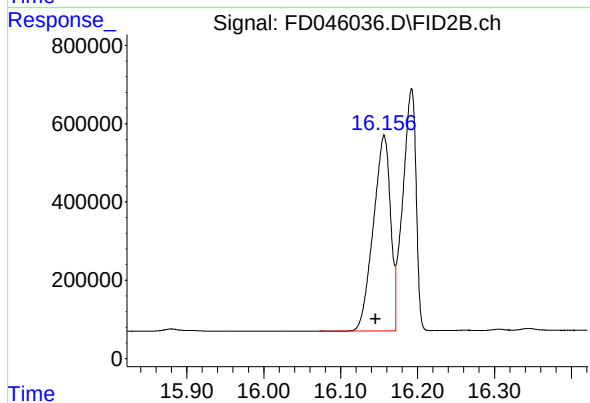
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.008 min
Response: 7437853
Conc: 41.36 ug/ml



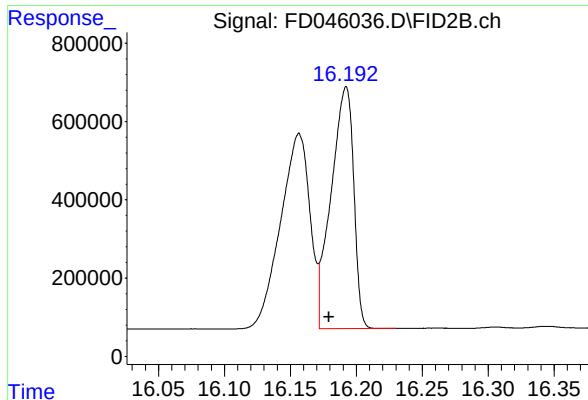
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.010 min
Response: 7471578
Conc: 38.07 ug/ml



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

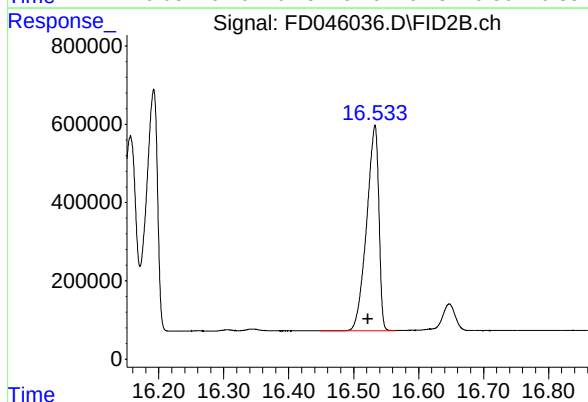
R.T.: 16.156 min
Delta R.T.: 0.011 min
Response: 7760738
Conc: 41.38 ug/ml



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

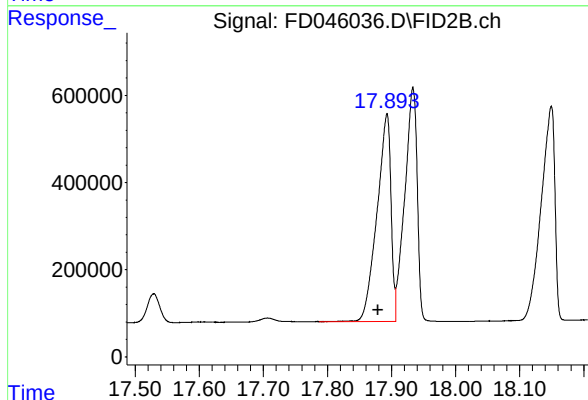
R.T.: 16.192 min
Delta R.T.: 0.012 min
Response: 7376931
Conc: 37.29 ug/ml

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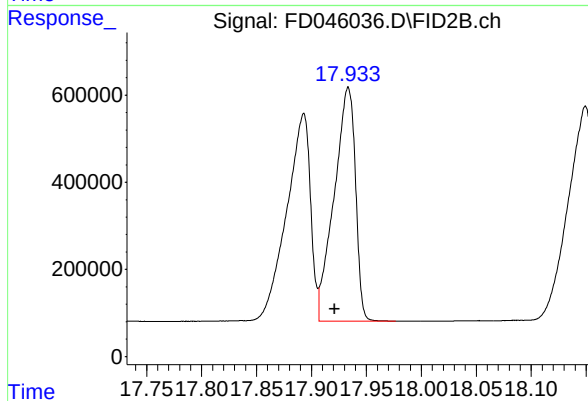
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: 0.010 min
Response: 6858100
Conc: 39.36 ug/ml



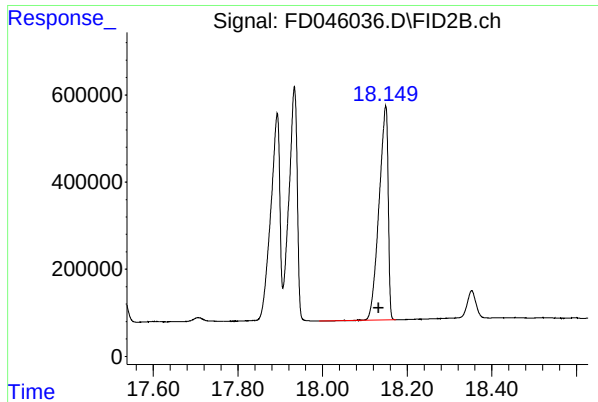
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: 0.013 min
Response: 7246304
Conc: 38.94 ug/ml



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

R.T.: 17.933 min
Delta R.T.: 0.012 min
Response: 7241793
Conc: 39.39 ug/ml



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

R.T.: 18.148 min

Delta R.T.: 0.016 min

Response: 7322965

Conc: 39.19 ug/ml

Instrument :

FID_D

ClientSampleId :

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