

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092523AR\
 Data File : FD046570.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 17:07
 Operator : YP/AJ
 Sample : PB155783BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155783BS

Integration File: autoint1.e
 Quant Time: Sep 26 00:16:23 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...	7.492	8425053	47.808 ug/ml
Spiked Amount 50.000		Recovery =	95.62%
6) S 2-Fluorobiphenyl (SURR)	8.347	5608687	48.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.82%
11) S ortho-Terphenyl (SURR)	11.386	9731902	47.769 ug/ml
Spiked Amount 50.000		Recovery =	95.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	6340141	34.327 ug/ml
2) T Naphthalene (C11.7)	5.831	7161006	37.059 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	7278248	37.558 ug/ml
5) T Acenaphthylene (C15.06)	8.150	7671452	43.507 ug/ml
7) T Acenaphthene (C15.5)	8.446	7551049	40.188 ug/ml
8) T Fluorene (C16.55)	9.225	7826543	43.387 ug/ml
9) T Phenanthrene (C19.36)	10.614	8077014	45.938 ug/ml
10) T Anthracene (C19.43)	10.689	7960958	51.831 ug/ml
12) T Fluoranthene (C21.85)	12.419	8386563	49.205 ug/ml
13) T Pyrene (C20.8)	12.714	8444439	51.475 ug/ml
14) T Benzo[a]anthracene (C...	14.577	7716828	55.265 ug/ml
15) T Chrysene (C27.41)	14.621	7764515	51.149 ug/ml
16) T benzo[b]fluoranthene ...	16.119	7358753	53.648 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	7318811	52.834 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6947948	51.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	6690142	53.372 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6317672	47.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	6389245	48.450 ug/ml

(f)=RT Delta > 1/2 Window

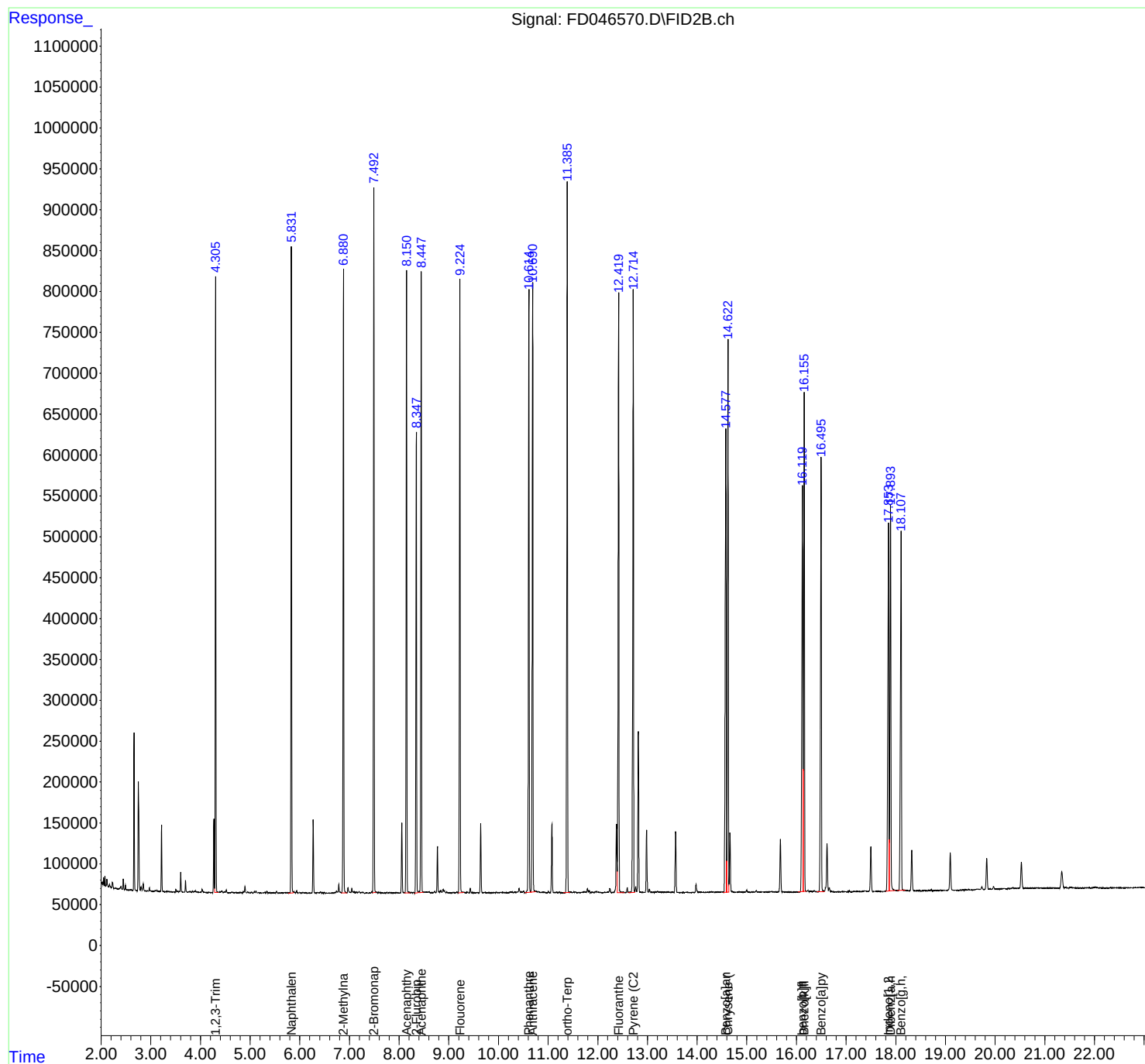
(m)=manual int.

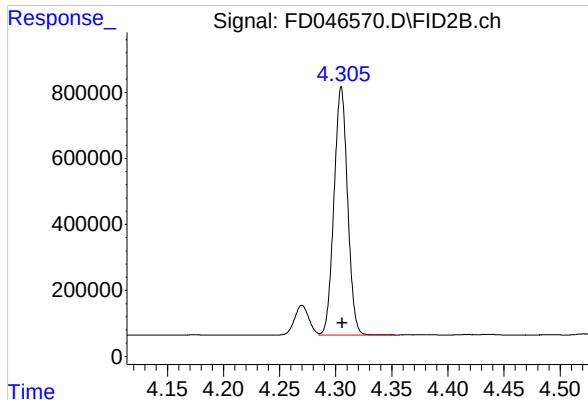
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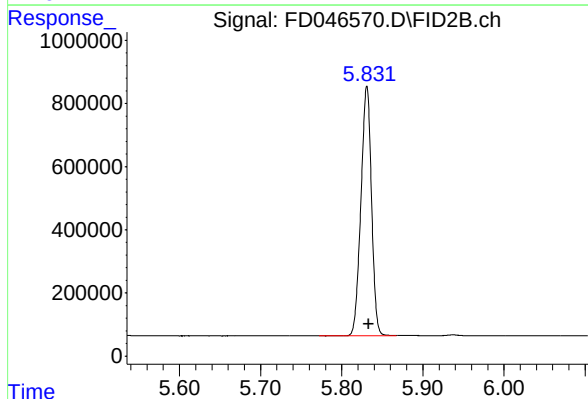




#1 1,2,3-Trimethylbenzene (C10.1)

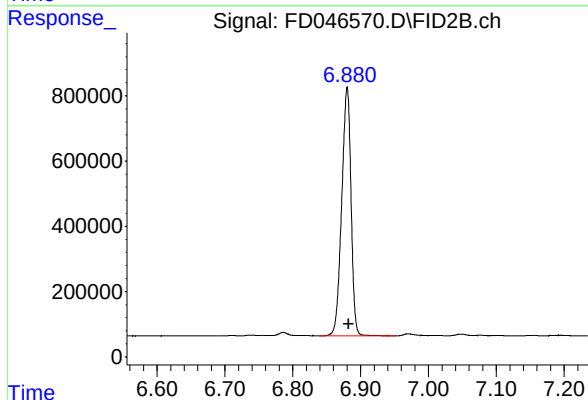
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 6340141
Conc: 34.33 ug/ml

Instrument :
FID_D
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PB155783BS



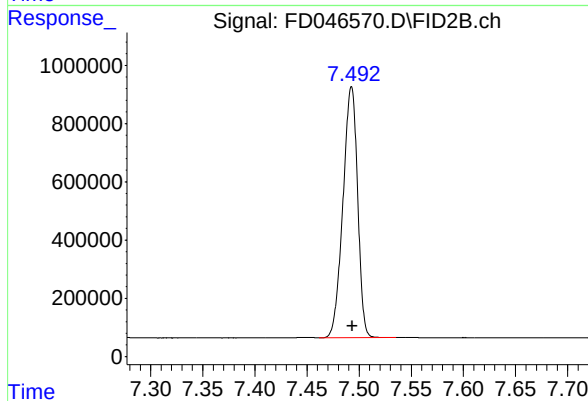
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 7161006
Conc: 37.06 ug/ml



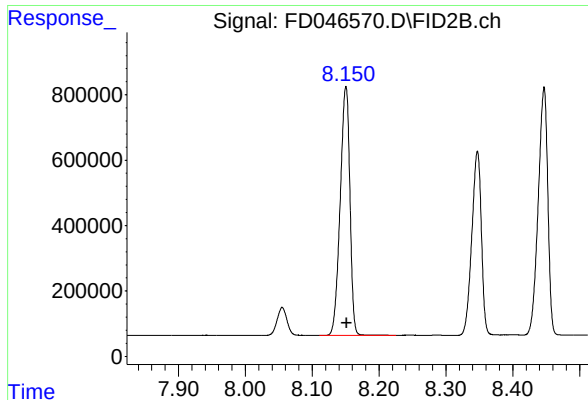
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 7278248
Conc: 37.56 ug/ml



#4 2-Bromonaphthalene (SURR)

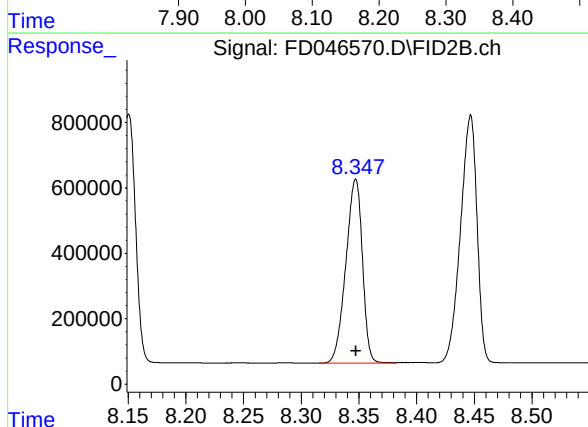
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 8425053
Conc: 47.81 ug/ml



#5 Acenaphthylene (C15.06)

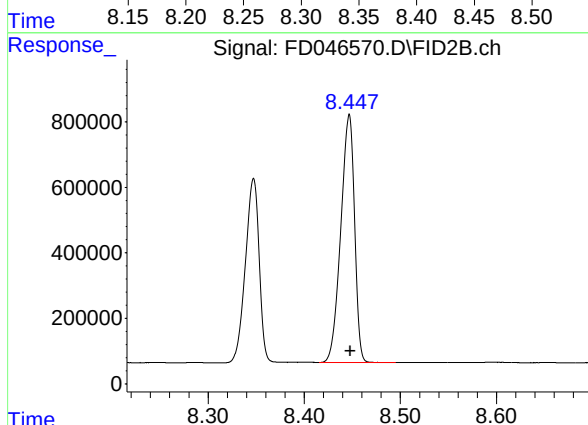
R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 7671452
Conc: 43.51 ug/ml

Instrument :
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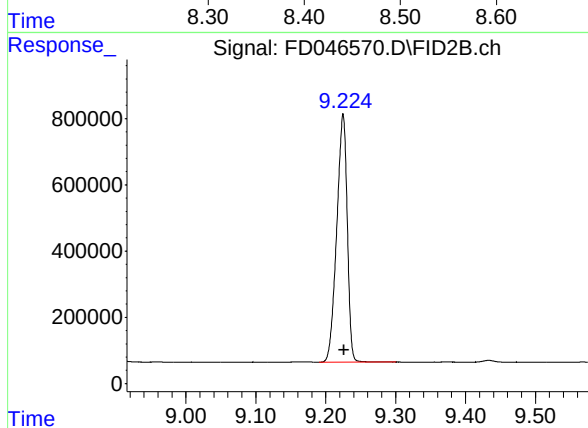
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 5608687
Conc: 48.41 ug/ml



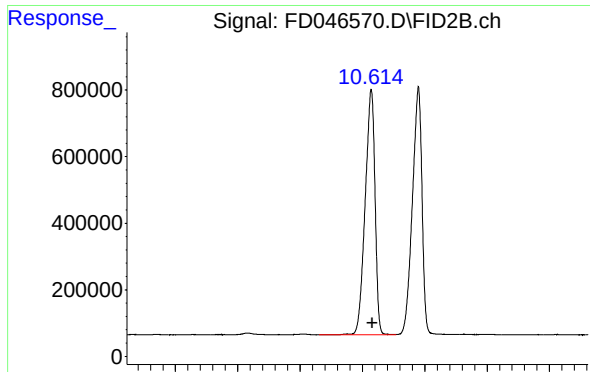
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 7551049
Conc: 40.19 ug/ml



#8 Flouorene (C16.55)

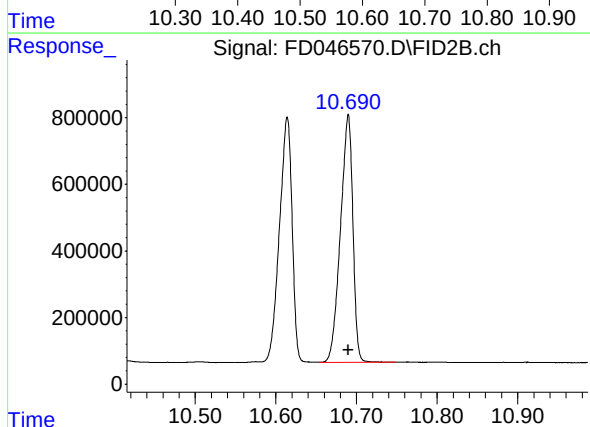
R.T.: 9.225 min
Delta R.T.: -0.002 min
Response: 7826543
Conc: 43.39 ug/ml



#9 Phenanthrene (C19.36)

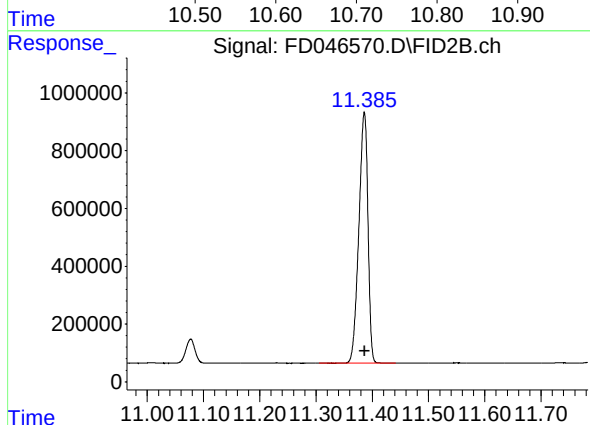
R.T.: 10.614 min
Delta R.T.: -0.002 min
Response: 8077014
Conc: 45.94 ug/ml

Instrument :
FID_D
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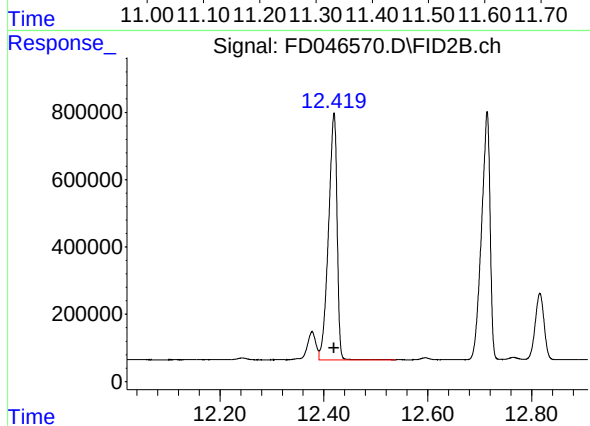
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 7960958
Conc: 51.83 ug/ml



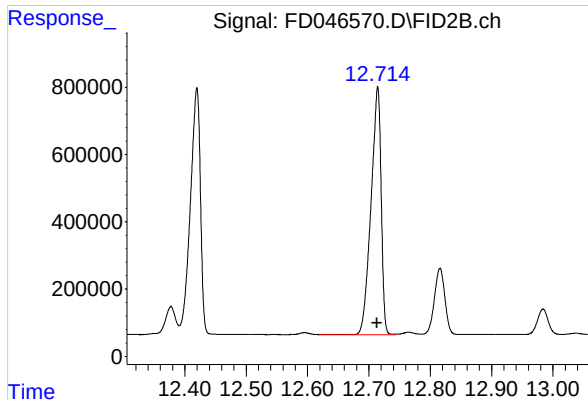
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 9731902
Conc: 47.77 ug/ml



#12 Fluoranthene (C21.85)

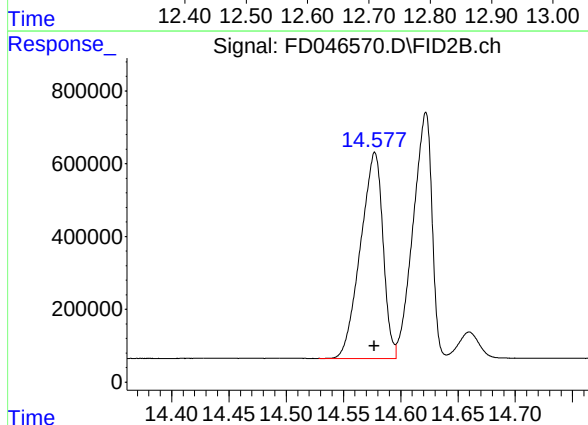
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 8386563
Conc: 49.21 ug/ml



#13 Pyrene (C20.8)

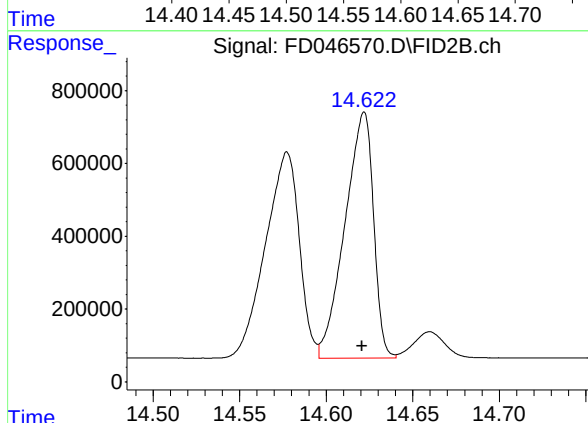
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 8444439
Conc: 51.48 ug/ml

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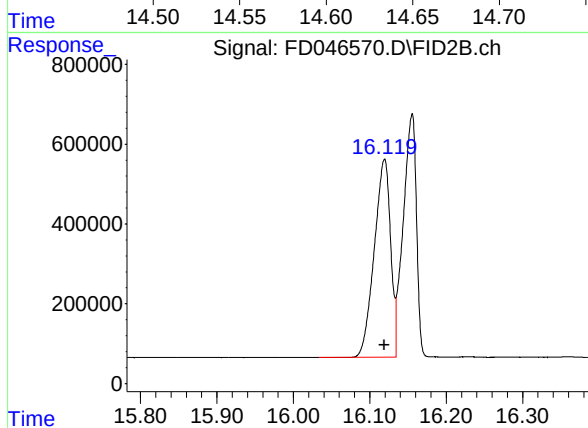
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 7716828
Conc: 55.26 ug/ml



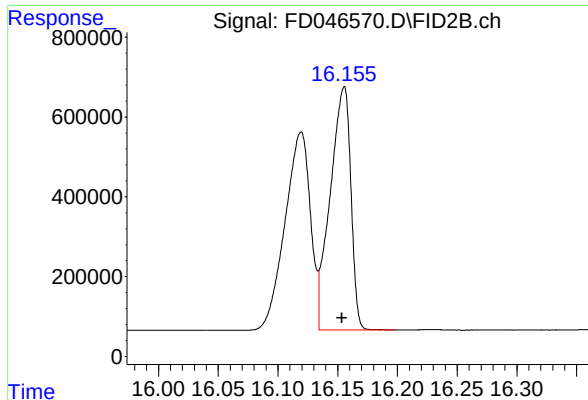
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 7764515
Conc: 51.15 ug/ml



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

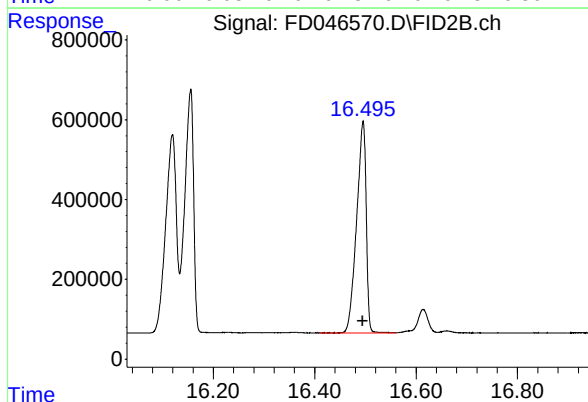
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 7358753
Conc: 53.65 ug/ml



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

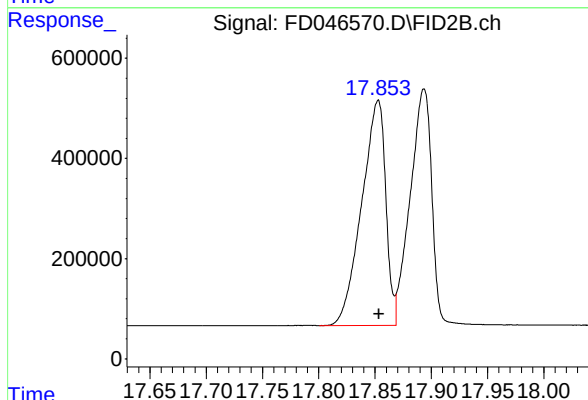
R.T.: 16.155 min
Delta R.T.: 0.000 min
Response: 7318811
Conc: 52.83 ug/ml

Instrument :
FID_D
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PB155783BS



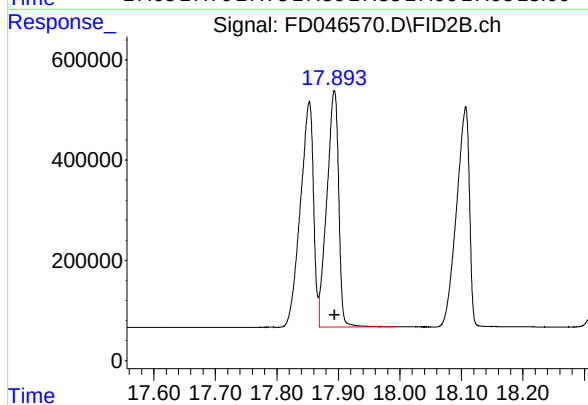
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 6947948
Conc: 51.94 ug/ml



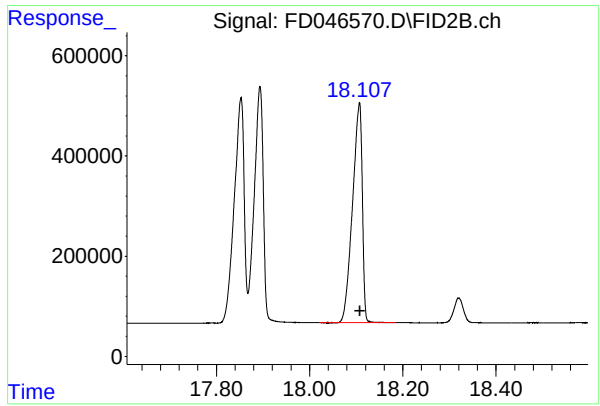
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.001 min
Response: 6690142
Conc: 53.37 ug/ml



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

R.T.: 17.893 min
Delta R.T.: 0.000 min
Response: 6317672
Conc: 47.48 ug/ml



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

R.T.: 18.106 min

Delta R.T.: -0.002 min

Response: 6389245

Conc: 48.45 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155783BS