

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046507.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 11:59
 Operator : YP/AJ
 Sample : PB155554BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155554BS

Integration File: autoint1.e
 Quant Time: Sep 16 00:50:28 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	8955736	50.820 ug/ml
Spiked Amount 50.000		Recovery =	101.64%
6) S 2-Fluorobiphenyl (SURR)	8.347	5732367	49.477 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.95%
11) S ortho-Terphenyl (SURR)	11.386	10279399	50.456 ug/ml
Spiked Amount 50.000		Recovery =	100.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	5987586	32.418 ug/ml
2) T Naphthalene (C11.7)	5.832	6978432	36.114 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7382477	38.096 ug/ml
5) T Acenaphthylene (C15.06)	8.151	7902014	44.815 ug/ml
7) T Acenaphthene (C15.5)	8.447	7816663	41.601 ug/ml
8) T Fluorene (C16.55)	9.225	8162115	45.247 ug/ml
9) T Phenanthrene (C19.36)	10.615	8389868	47.717 ug/ml
10) T Anthracene (C19.43)	10.691	8329314	54.229 ug/ml
12) T Fluoranthene (C21.85)	12.419	8643636	50.714 ug/ml
13) T Pyrene (C20.8)	12.714	8708838	53.087 ug/ml
14) T Benzo[a]anthracene (C...	14.578	8096566	57.984 ug/ml
15) T Chrysene (C27.41)	14.622	8133034	53.576 ug/ml
16) T benzo[b]fluoranthene ...	16.121	7784496	56.752 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7755100	55.984 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	7290356	54.496 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	7181599	57.293 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	6901808	51.866 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	6784568	51.448 ug/ml

(f)=RT Delta > 1/2 Window

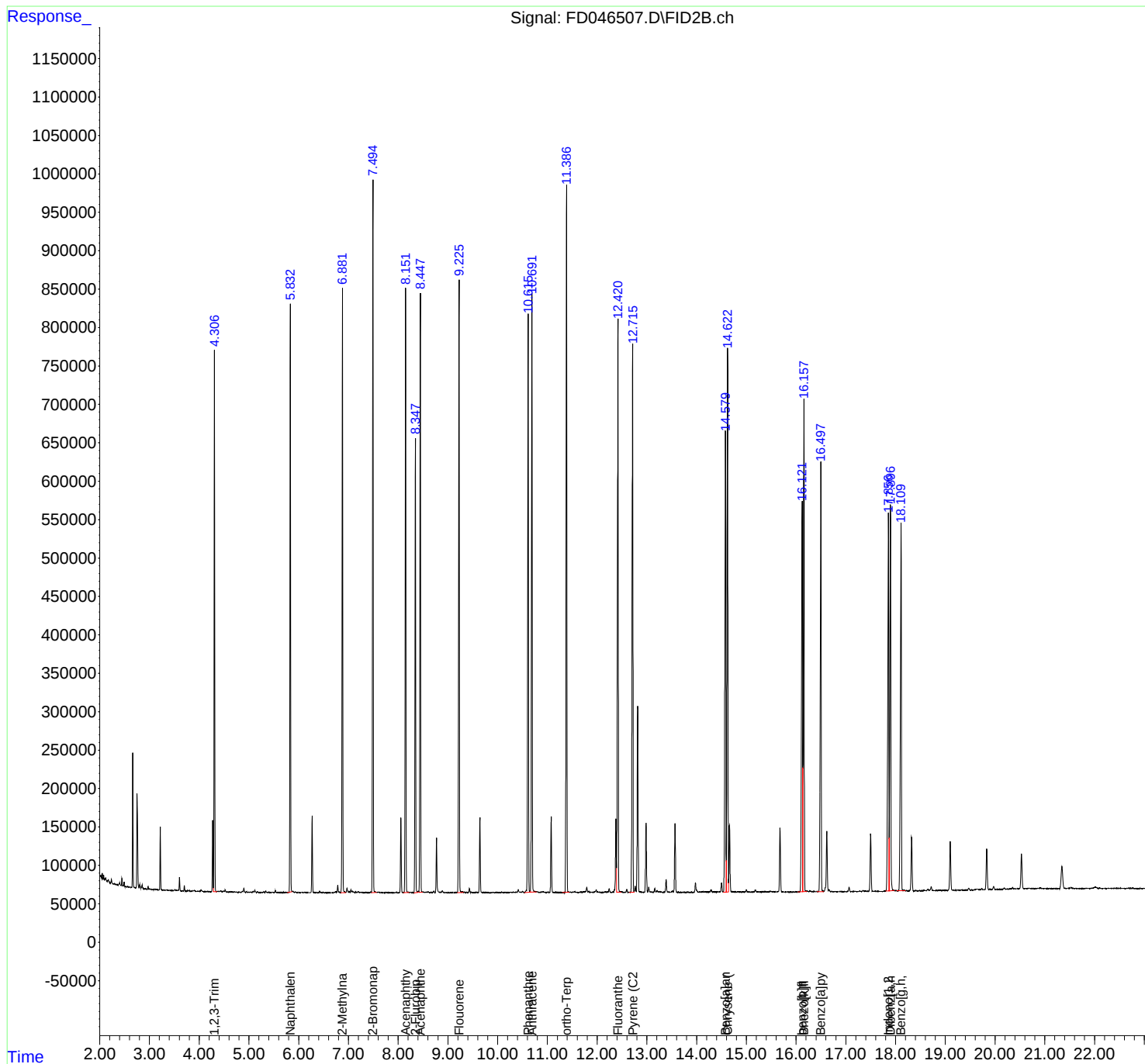
(m)=manual int.

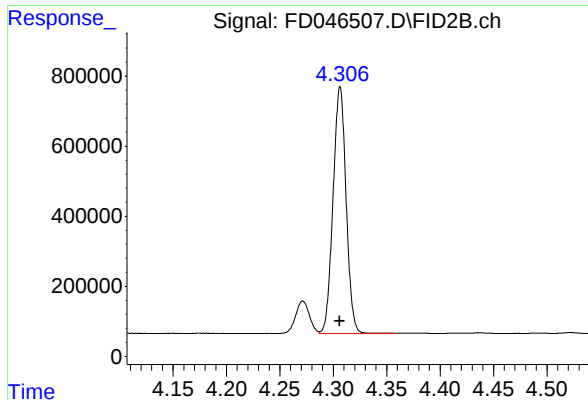
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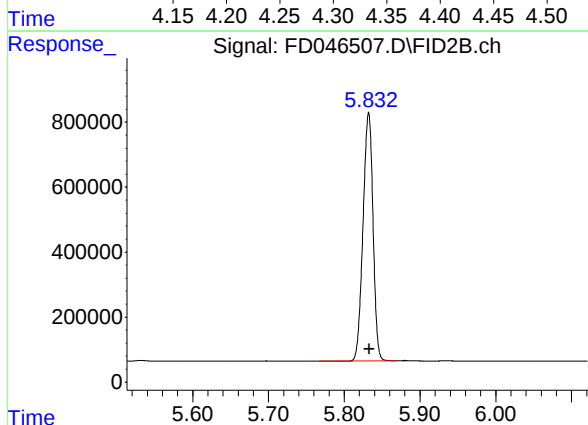




#1 1,2,3-Trimethylbenzene (C10.1)

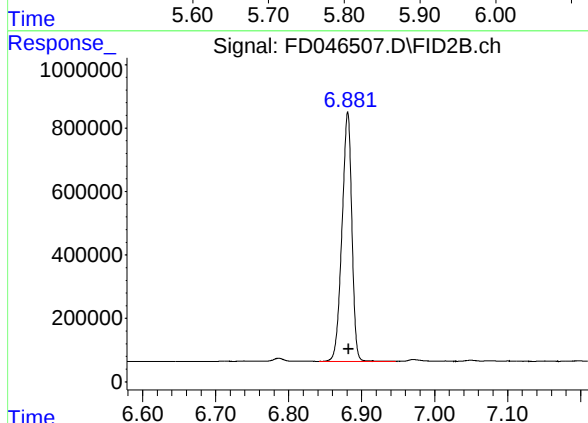
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 5987586
Conc: 32.42 ug/ml

Instrument :
FID_D
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PB155554BS



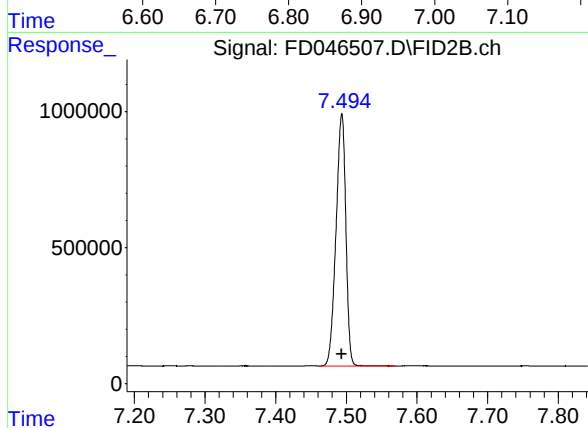
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 6978432
Conc: 36.11 ug/ml



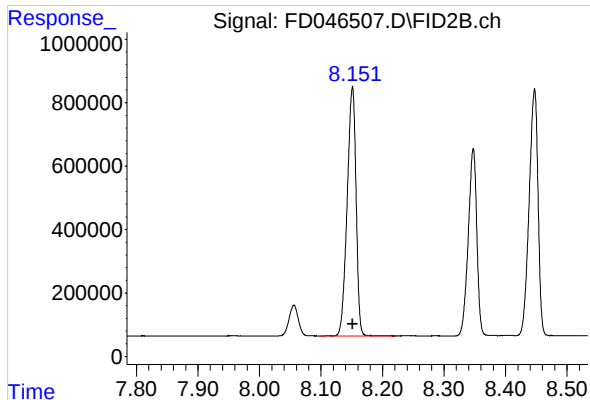
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 7382477
Conc: 38.10 ug/ml



#4 2-Bromonaphthalene (SURR)

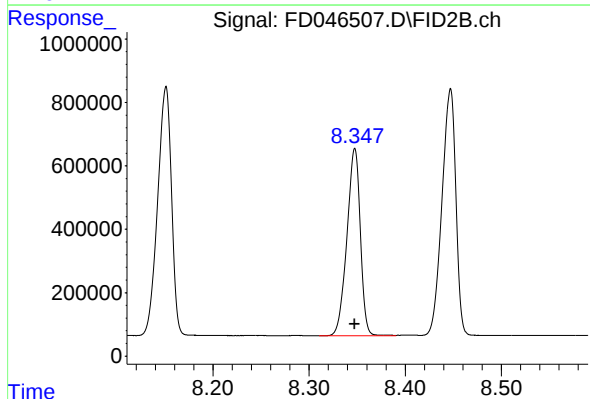
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 8955736
Conc: 50.82 ug/ml



#5 Acenaphthylene (C15.06)

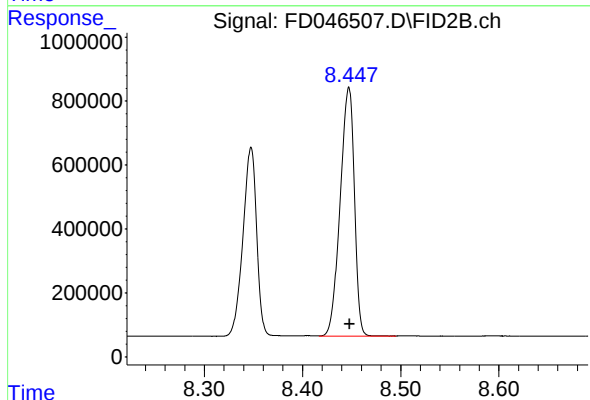
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 7902014
Conc: 44.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155554BS



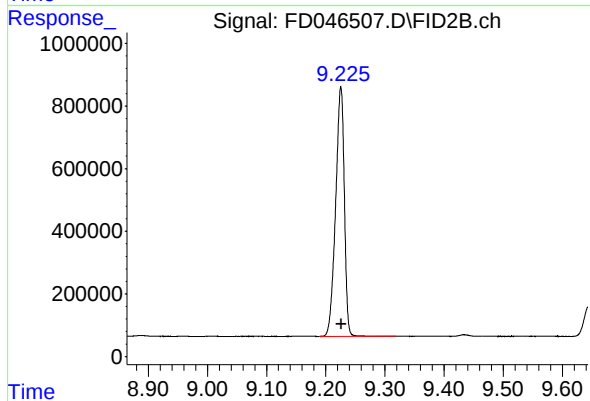
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 5732367
Conc: 49.48 ug/ml



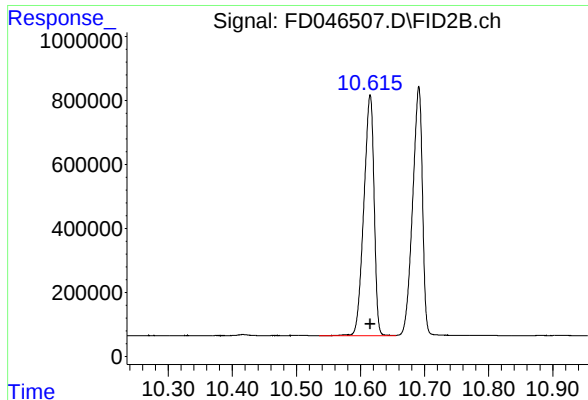
#7 Acenaphthene (C15.5)

R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 7816663
Conc: 41.60 ug/ml



#8 Flouorene (C16.55)

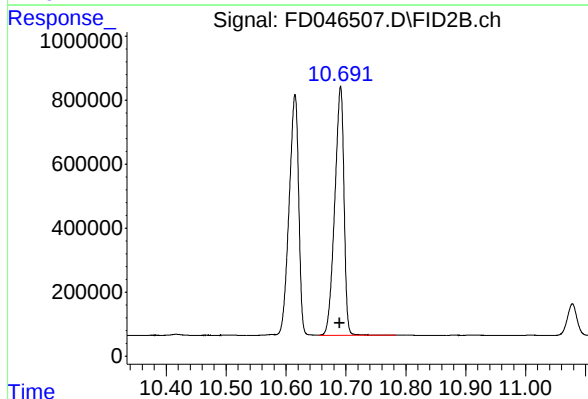
R.T.: 9.225 min
Delta R.T.: 0.000 min
Response: 8162115
Conc: 45.25 ug/ml



#9 Phenanthrene (C19.36)

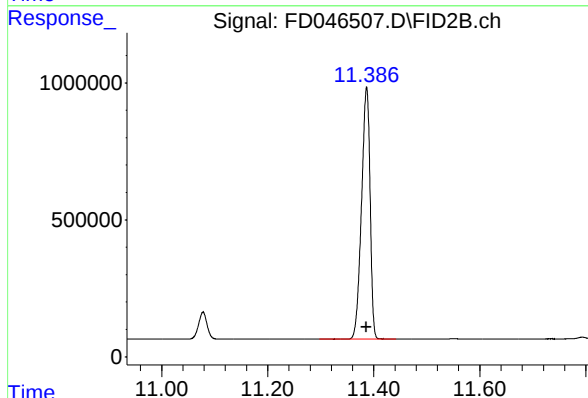
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 8389868
Conc: 47.72 ug/ml

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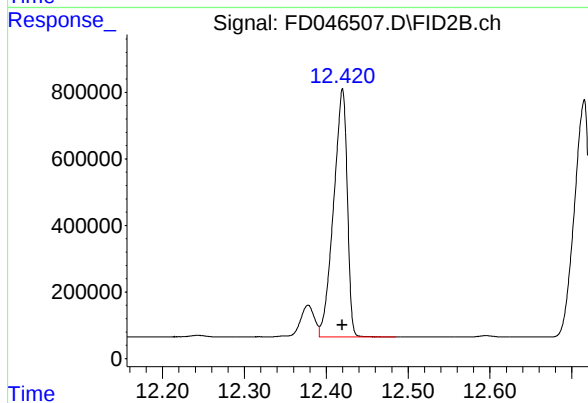
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.001 min
Response: 8329314
Conc: 54.23 ug/ml



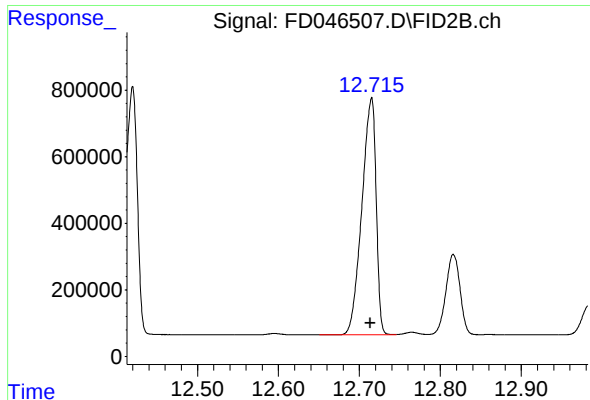
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 10279399
Conc: 50.46 ug/ml



#12 Fluoranthene (C21.85)

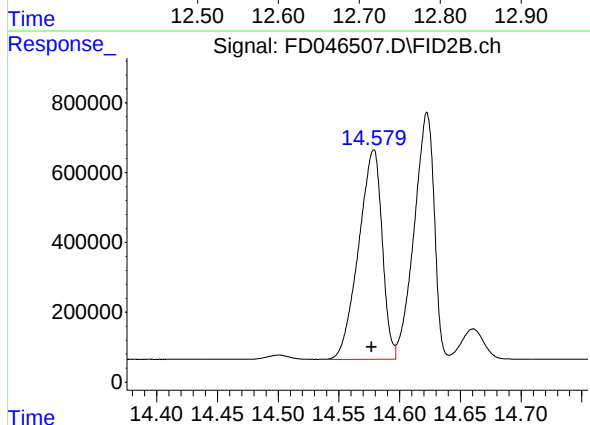
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 8643636
Conc: 50.71 ug/ml



#13 Pyrene (C20.8)

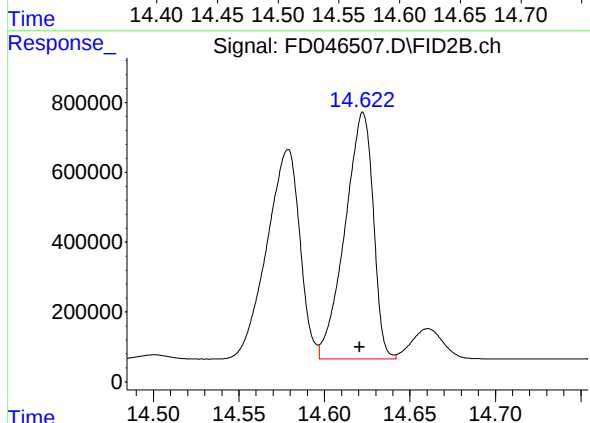
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 8708838
Conc: 53.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155554BS



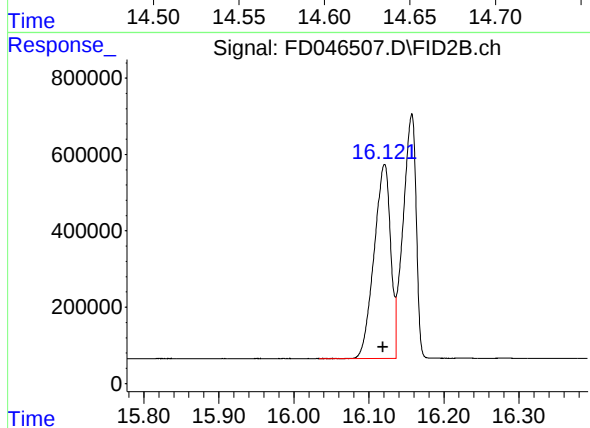
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.001 min
Response: 8096566
Conc: 57.98 ug/ml



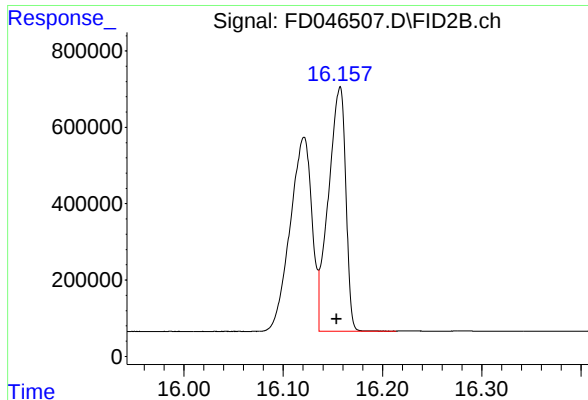
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.001 min
Response: 8133034
Conc: 53.58 ug/ml



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

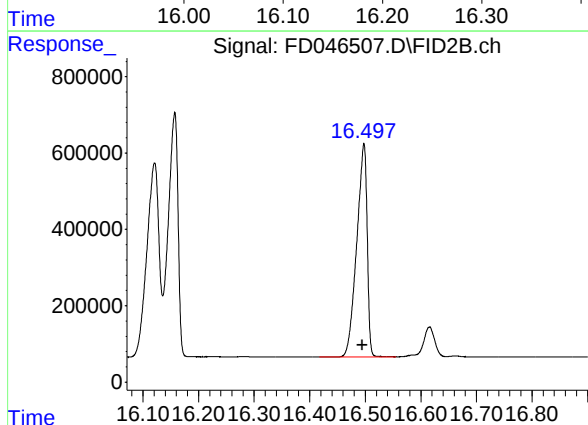
R.T.: 16.121 min
Delta R.T.: 0.002 min
Response: 7784496
Conc: 56.75 ug/ml



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

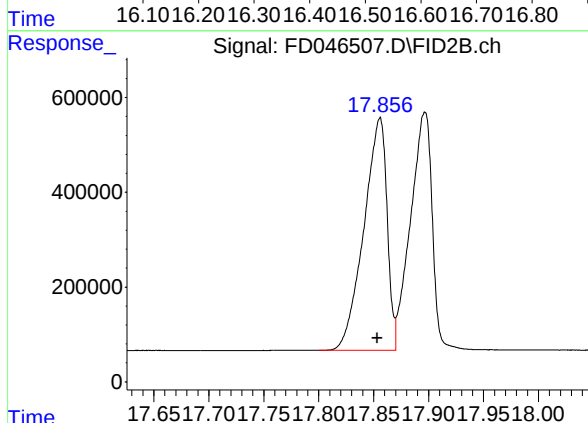
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 7755100
Conc: 55.98 ug/ml

Instrument :
FID_D
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PB155554BS



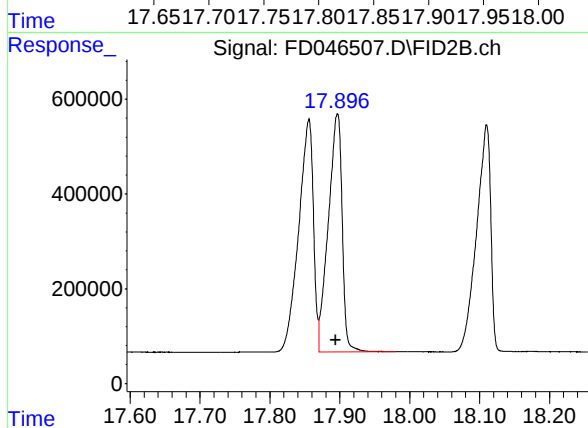
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.002 min
Response: 7290356
Conc: 54.50 ug/ml



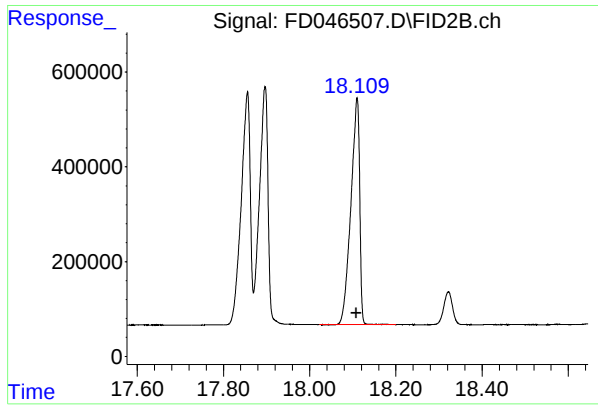
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.002 min
Response: 7181599
Conc: 57.29 ug/ml



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

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 6901808
Conc: 51.87 ug/ml



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

R.T.: 18.110 min

Delta R.T.: 0.001 min

Response: 6784568

Conc: 51.45 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155554BS