

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047011.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 17:23
 Operator : YP/AJ
 Sample : PB157606BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157606BSD

Integration File: autoint1.e
 Quant Time: Dec 07 23:26:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	7759309	44.850 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
6) S 2-Fluorobiphenyl (SURR)	8.328	3742422	34.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.83%
11) S ortho-Terphenyl (SURR)	11.368	8613452	43.285 ug/ml
Spiked Amount 50.000		Recovery =	86.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	4553395	24.472 ug/ml
2) T Naphthalene (C11.7)	5.814	5686520	29.861 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6047465	31.404 ug/ml
5) T Acenaphthylene (C15.06)	8.133	7276383	41.800 ug/ml
7) T Acenaphthene (C15.5)	8.428	6918257	37.305 ug/ml
8) T Fluorene (C16.55)	9.207	7710316	44.668 ug/ml
9) T Phenanthrene (C19.36)	10.597	8011792	48.797 ug/ml
10) T Anthracene (C19.43)	10.672	7698363	49.782 ug/ml
12) T Fluoranthene (C21.85)	12.402	8214650	51.829 ug/ml
13) T Pyrene (C20.8)	12.695	8189175	53.523 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7200720	55.534 ug/ml
15) T Chrysene (C27.41)	14.604	7229290	50.437 ug/ml
16) T benzo[b]fluoranthene ...	16.104	7152343	53.548 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6900710	50.509 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	6600114	50.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	6633554	55.594 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	6259427	48.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	6365577	48.652 ug/ml

(f)=RT Delta > 1/2 Window

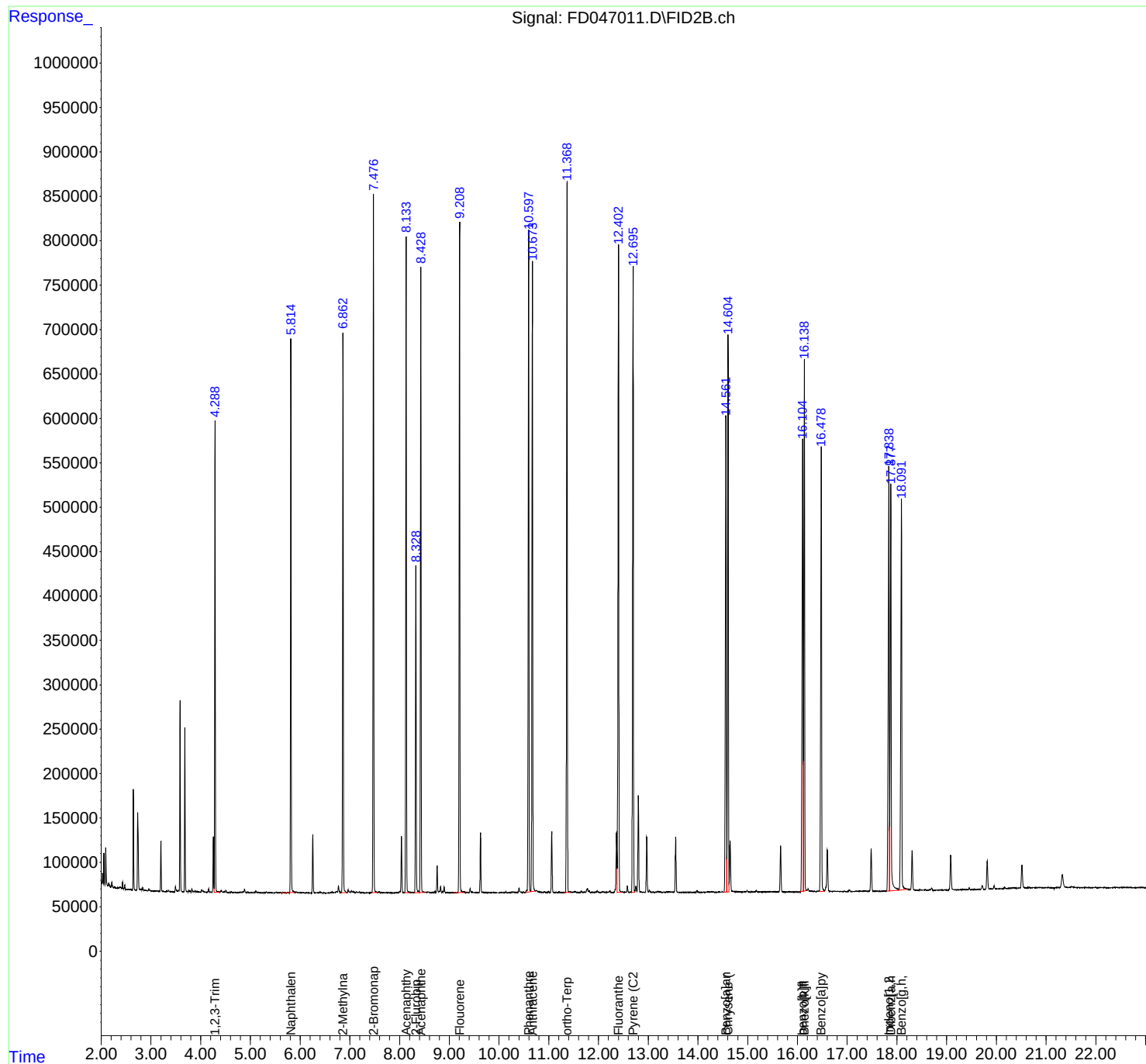
(m)=manual int.

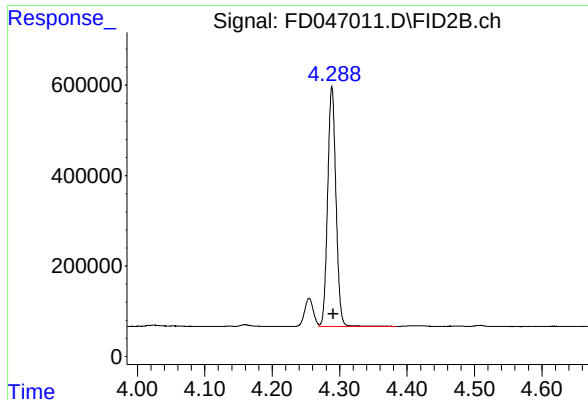
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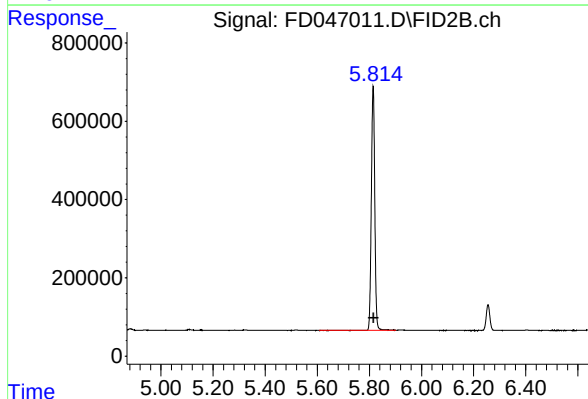




#1 1,2,3-Trimethylbenzene (C10.1)

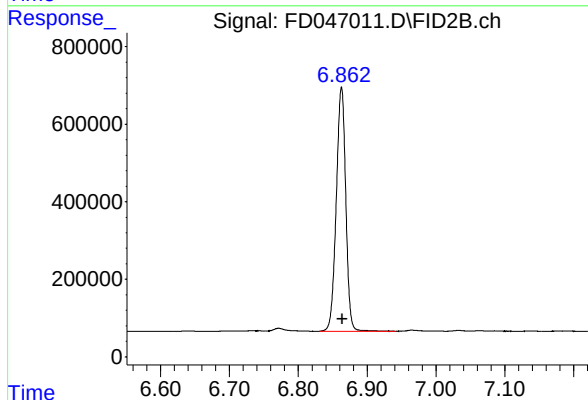
R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 4553395
Conc: 24.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157606BSD



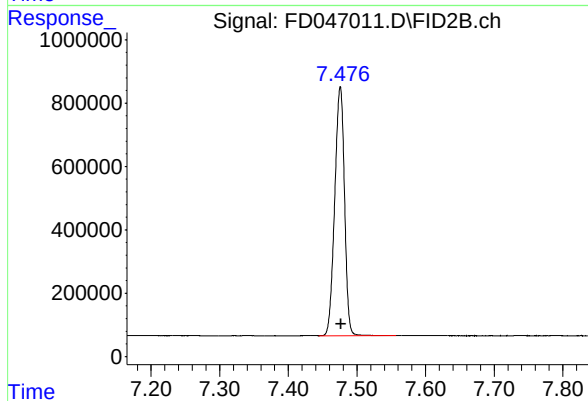
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 5686520
Conc: 29.86 ug/ml



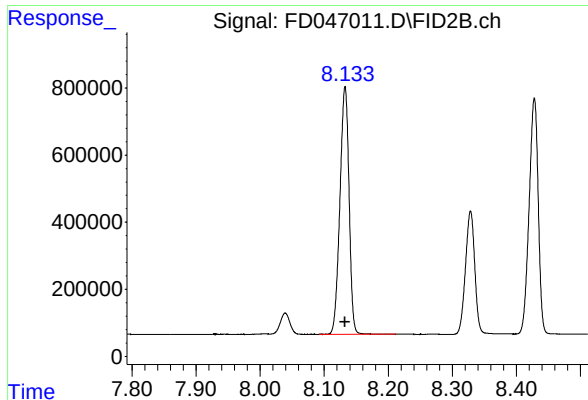
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 6047465
Conc: 31.40 ug/ml



#4 2-Bromonaphthalene (SURR)

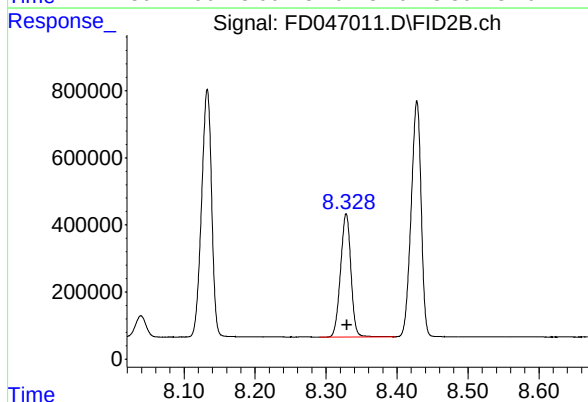
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 7759309
Conc: 44.85 ug/ml



#5 Acenaphthylene (C15.06)

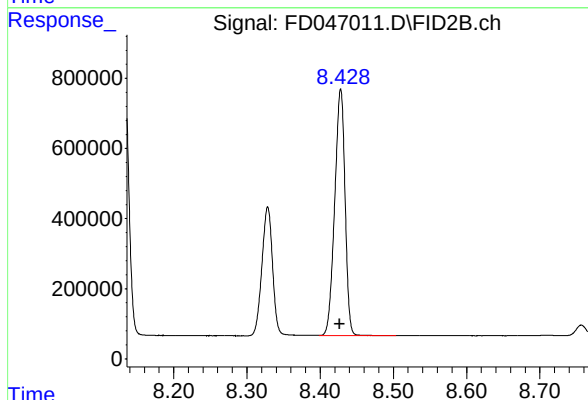
R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 7276383
Conc: 41.80 ug/ml

Instrument :
FID_D
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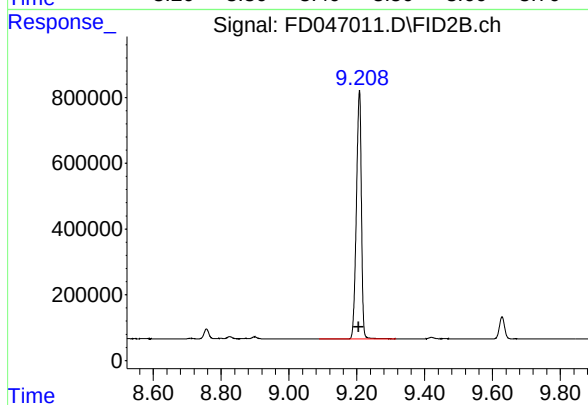
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 3742422
Conc: 34.42 ug/ml



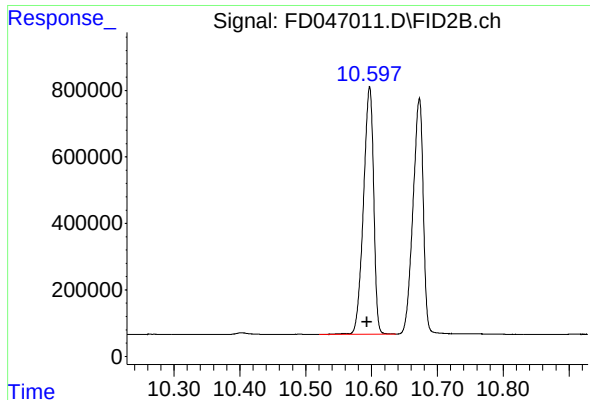
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: 0.001 min
Response: 6918257
Conc: 37.30 ug/ml



#8 Flouorene (C16.55)

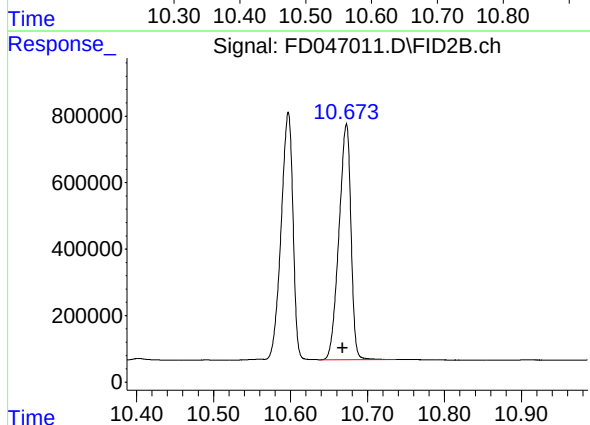
R.T.: 9.207 min
Delta R.T.: 0.001 min
Response: 7710316
Conc: 44.67 ug/ml



#9 Phenanthrene (C19.36)

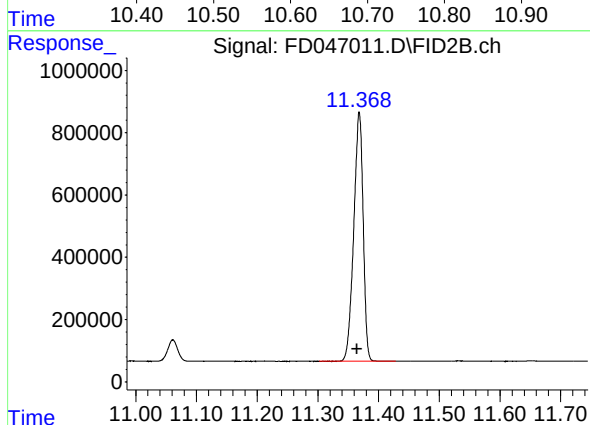
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8011792
Conc: 48.80 ug/ml

Instrument :
FID_D
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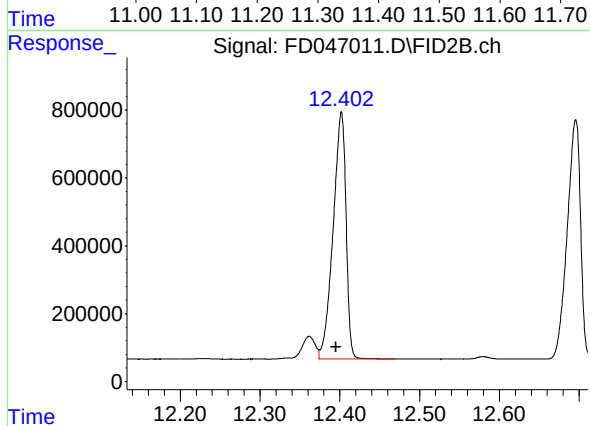
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 7698363
Conc: 49.78 ug/ml



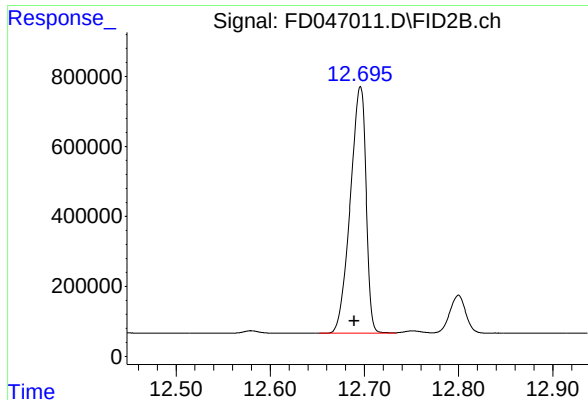
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8613452
Conc: 43.28 ug/ml



#12 Fluoranthene (C21.85)

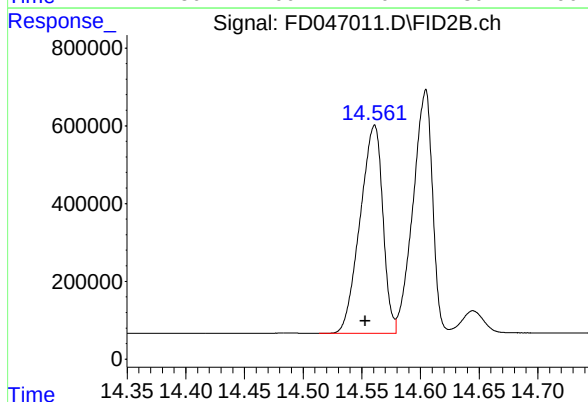
R.T.: 12.402 min
Delta R.T.: 0.006 min
Response: 8214650
Conc: 51.83 ug/ml



#13 Pyrene (C20.8)

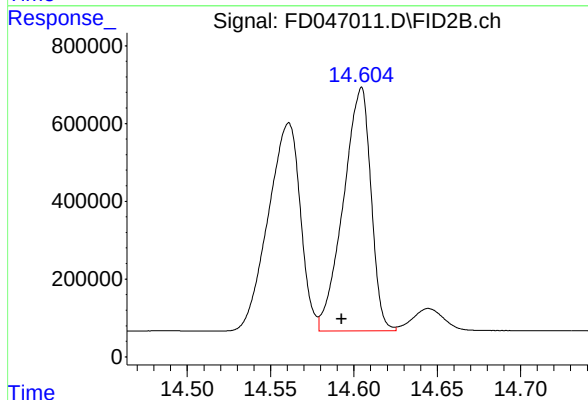
R.T.: 12.695 min
Delta R.T.: 0.006 min
Response: 8189175
Conc: 53.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157606BSD



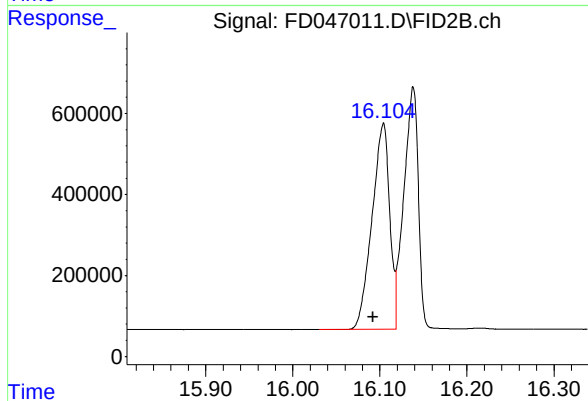
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.008 min
Response: 7200720
Conc: 55.53 ug/ml



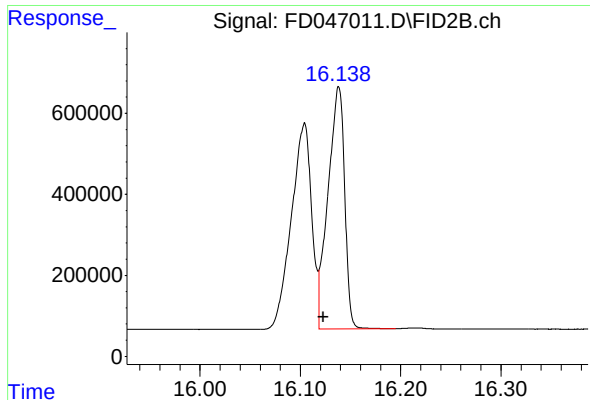
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.011 min
Response: 7229290
Conc: 50.44 ug/ml



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

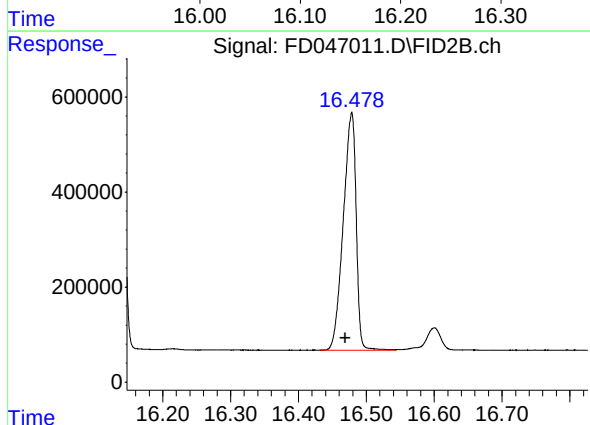
R.T.: 16.104 min
Delta R.T.: 0.012 min
Response: 7152343
Conc: 53.55 ug/ml



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

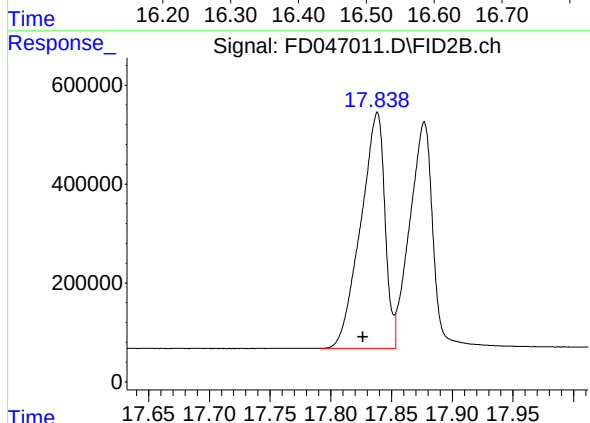
R.T.: 16.138 min
Delta R.T.: 0.015 min
Response: 6900710
Conc: 50.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157606BSD



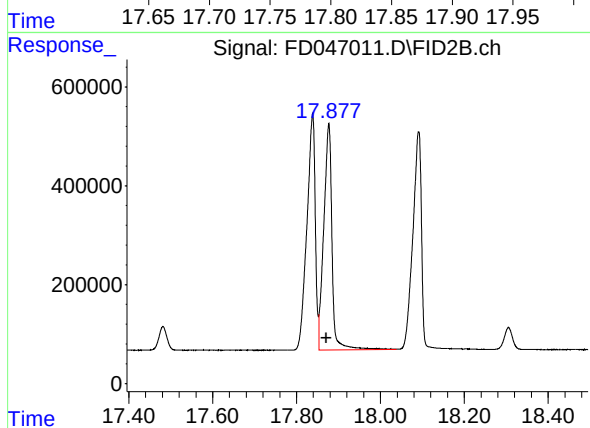
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 6600114
Conc: 50.38 ug/ml



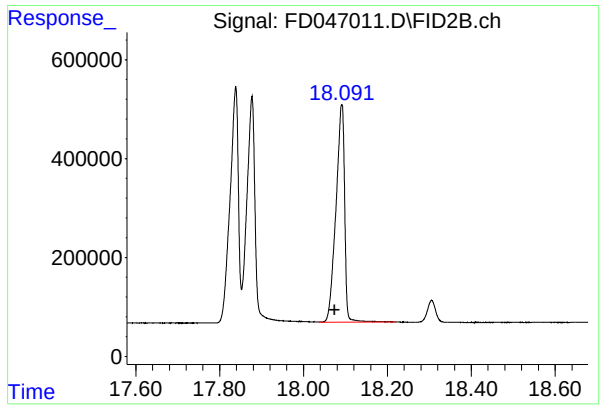
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.011 min
Response: 6633554
Conc: 55.59 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 6259427
Conc: 48.17 ug/ml



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

R.T.: 18.091 min

Delta R.T.: 0.016 min

Response: 6365577

Conc: 48.65 ug/ml

Instrument :

FID_D

ClientSampleId :

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