

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060523AR\
 Data File : FD045782.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2023 16:59
 Operator : YP/AJ
 Sample : PB153208BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:07:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.533	6919027	38.378 ug/ml
Spiked Amount 50.000		Recovery =	76.76%
6) S 2-Fluorobiphenyl (SURR)	8.387	3028752	25.192 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.38%
11) S ortho-Terphenyl (SURR)	11.429	8329424	37.290 ug/ml
Spiked Amount 50.000		Recovery =	74.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.340	3875862	19.199 ug/ml
2) T Naphthalene (C11.7)	5.870	4739449	22.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.920	4933330	23.358 ug/ml
5) T Acenaphthylene (C15.06)	8.192	6415983	33.864 ug/ml
7) T Acenaphthene (C15.5)	8.487	6007714	29.714 ug/ml
8) T Fluorene (C16.55)	9.268	7267972	36.682 ug/ml
9) T Phenanthrene (C19.36)	10.658	7213671	37.707 ug/ml
10) T Anthracene (C19.43)	10.733	7045114	41.357 ug/ml
12) T Fluoranthene (C21.85)	12.463	7683863	41.591 ug/ml
13) T Pyrene (C20.8)	12.758	7307006	40.913 ug/ml
14) T Benzo[a]anthracene (C...	14.623	7030483	44.904 ug/ml
15) T Chrysene (C27.41)	14.667	7072218	42.867 ug/ml
16) T benzo[b]fluoranthene ...	16.165	6918470	45.712 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	6662136	43.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.540	6085045	41.610 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	6200455	42.334 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	6294351	41.957 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	6467376	43.830 ug/ml

(f)=RT Delta > 1/2 Window

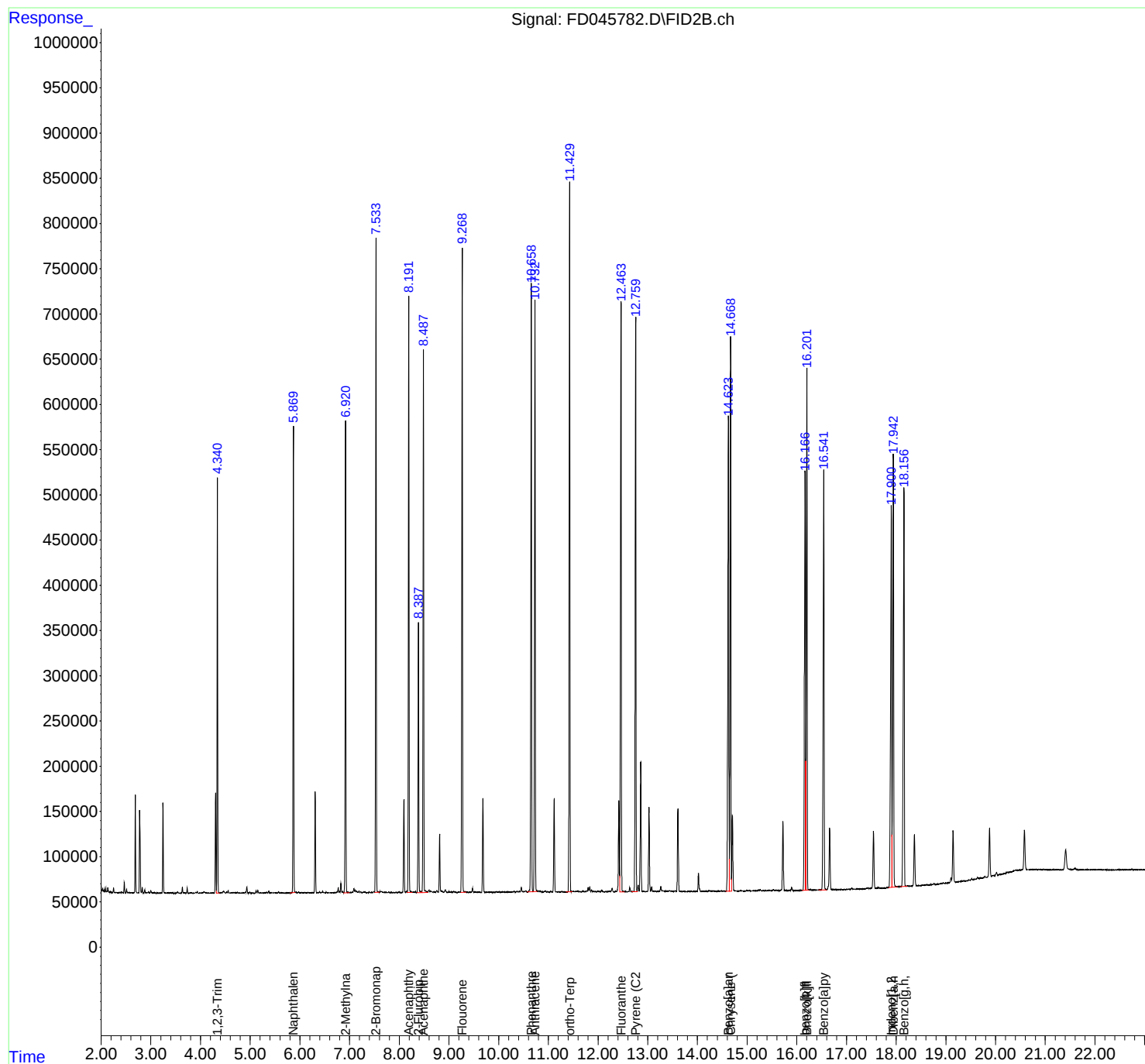
(m)=manual int.

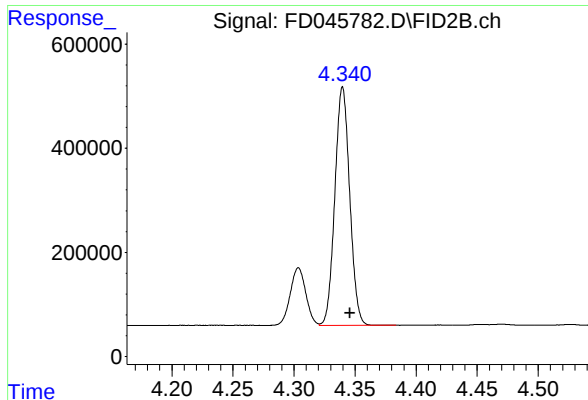
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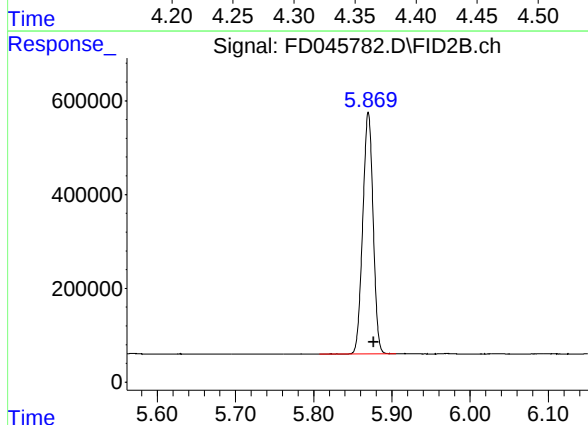




#1 1,2,3-Trimethylbenzene (C10.1)

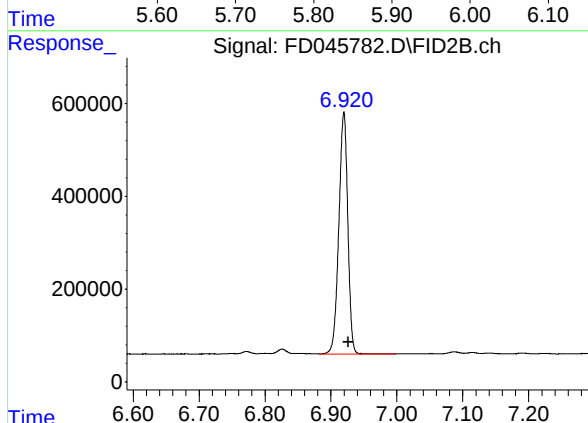
R.T.: 4.340 min
Delta R.T.: -0.006 min
Response: 3875862
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



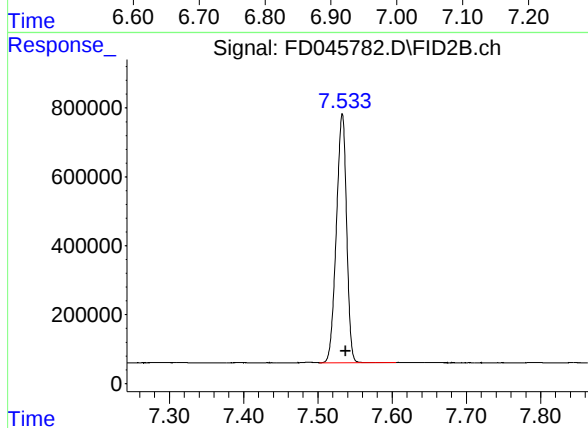
#2 Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 4739449
Conc: 22.37 ug/ml



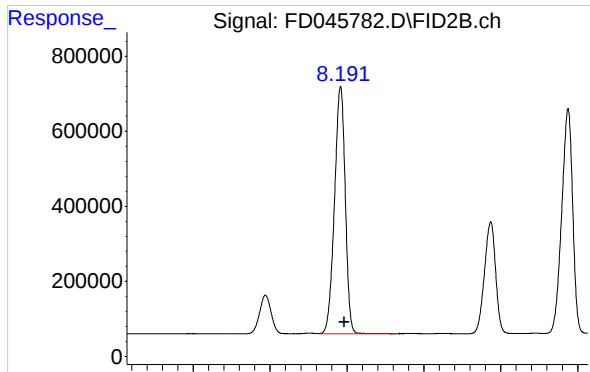
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.920 min
Delta R.T.: -0.006 min
Response: 4933330
Conc: 23.36 ug/ml



#4 2-Bromonaphthalene (SURR)

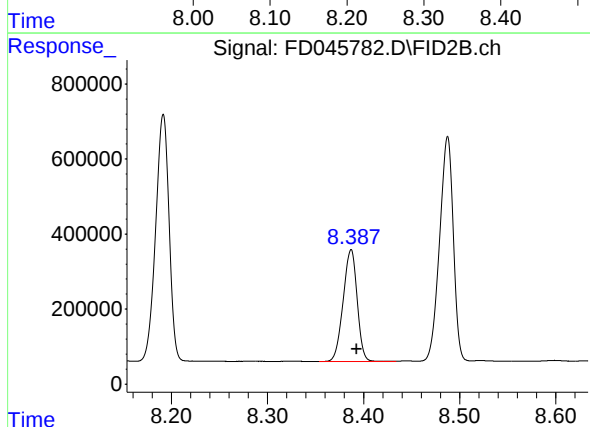
R.T.: 7.533 min
Delta R.T.: -0.005 min
Response: 6919027
Conc: 38.38 ug/ml



#5 Acenaphthylene (C15.06)

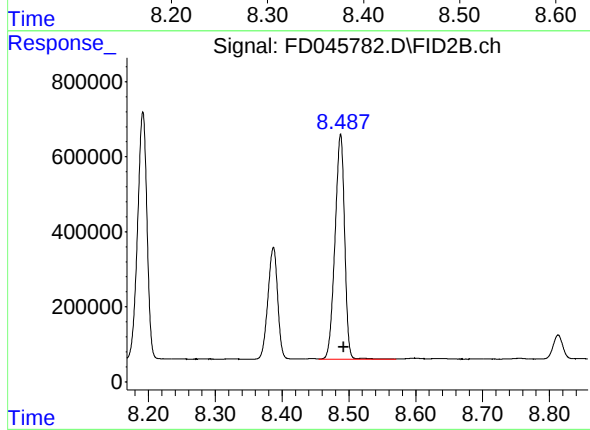
R.T.: 8.192 min
Delta R.T.: -0.005 min
Response: 6415983
Conc: 33.86 ug/ml

Instrument :
FID_D
ClientSampleId :



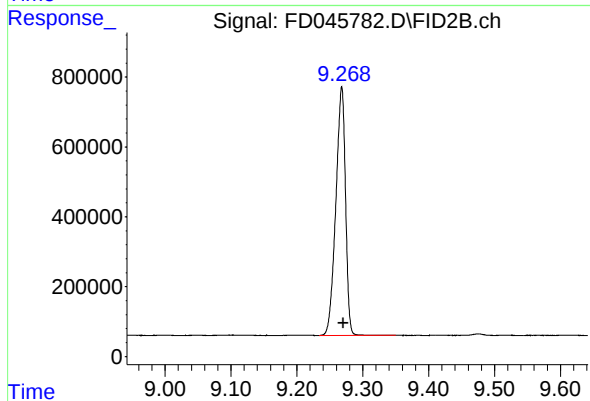
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.006 min
Response: 3028752
Conc: 25.19 ug/ml



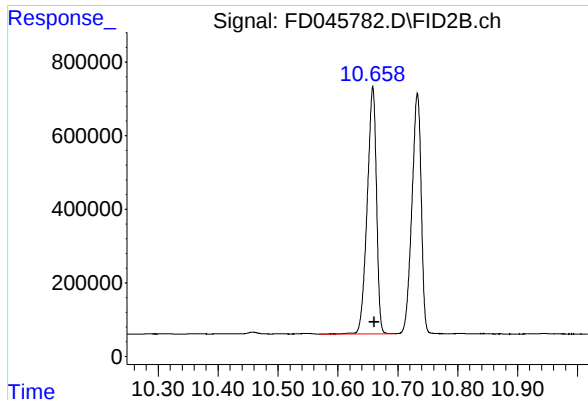
#7 Acenaphthene (C15.5)

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 6007714
Conc: 29.71 ug/ml



#8 Flouorene (C16.55)

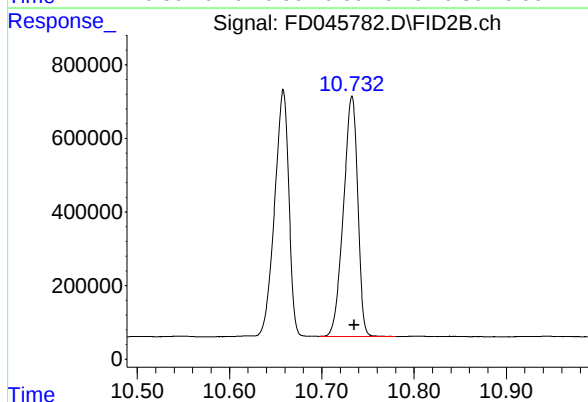
R.T.: 9.268 min
Delta R.T.: -0.003 min
Response: 7267972
Conc: 36.68 ug/ml



#9 Phenanthrene (C19.36)

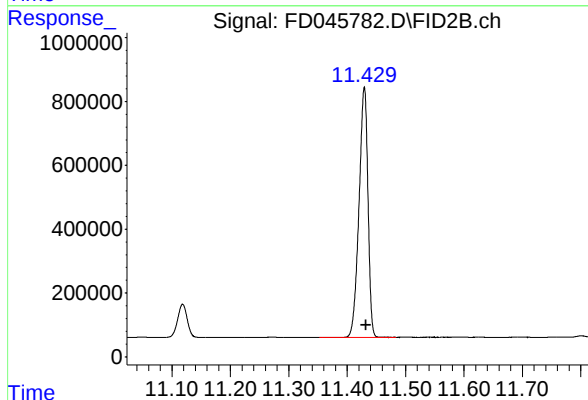
R.T.: 10.658 min
Delta R.T.: -0.003 min
Response: 7213671
Conc: 37.71 ug/ml

Instrument :
FID_D
ClientSampleId :



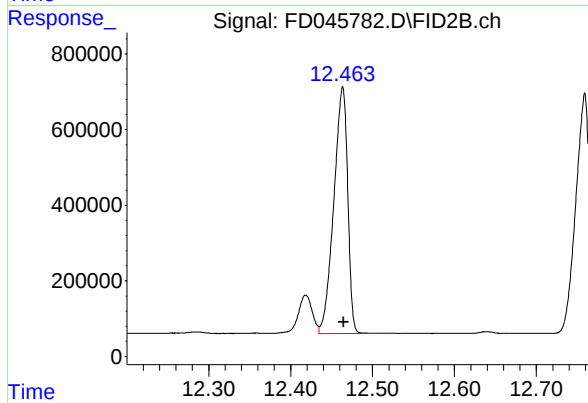
#10 Anthracene (C19.43)

R.T.: 10.733 min
Delta R.T.: -0.003 min
Response: 7045114
Conc: 41.36 ug/ml



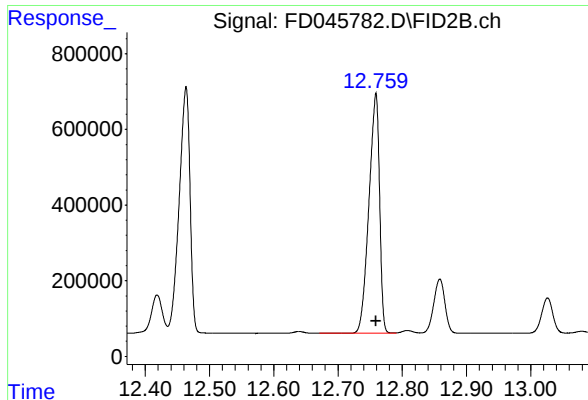
#11 ortho-Terphenyl (SURRE)

R.T.: 11.429 min
Delta R.T.: -0.004 min
Response: 8329424
Conc: 37.29 ug/ml



#12 Fluoranthene (C21.85)

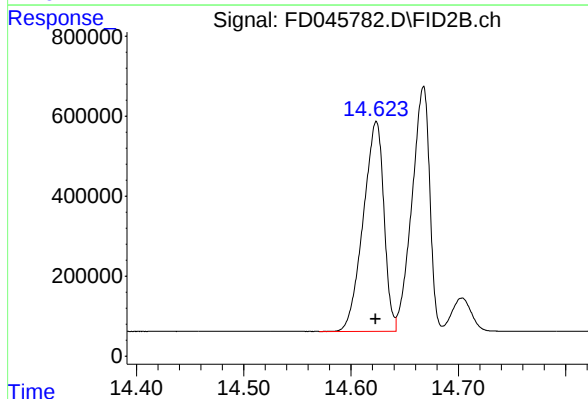
R.T.: 12.463 min
Delta R.T.: -0.002 min
Response: 7683863
Conc: 41.59 ug/ml



#13 Pyrene (C20.8)

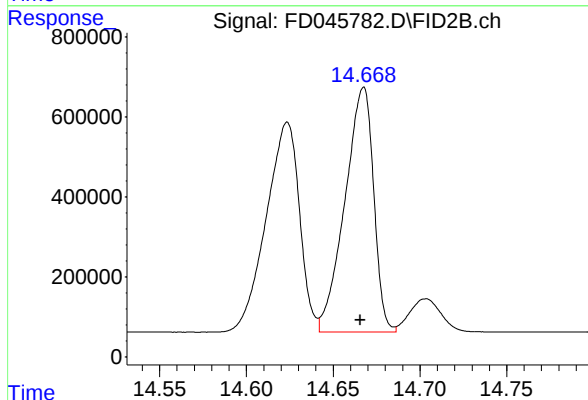
R.T.: 12.758 min
Delta R.T.: 0.000 min
Response: 7307006
Conc: 40.91 ug/ml

Instrument :
FID_D
ClientSampleId :



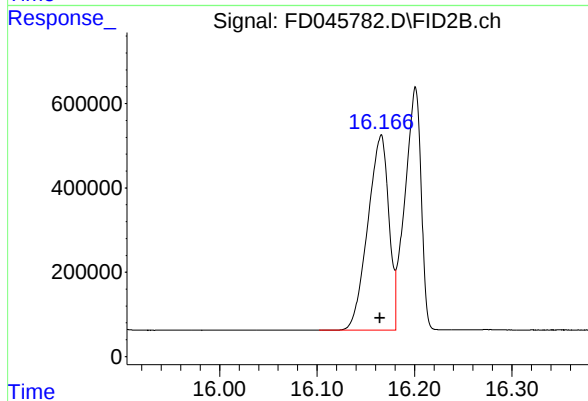
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: 0.000 min
Response: 7030483
Conc: 44.90 ug/ml



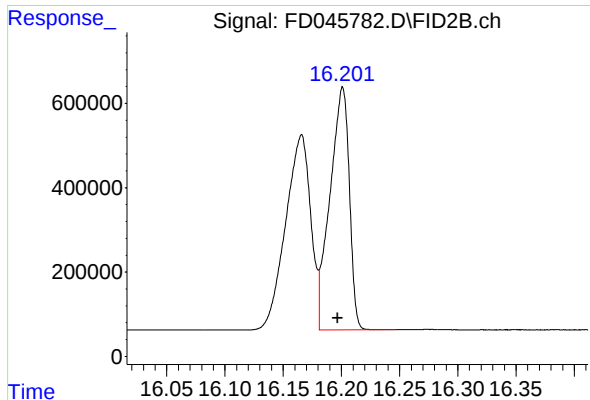
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: 0.001 min
Response: 7072218
Conc: 42.87 ug/ml



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

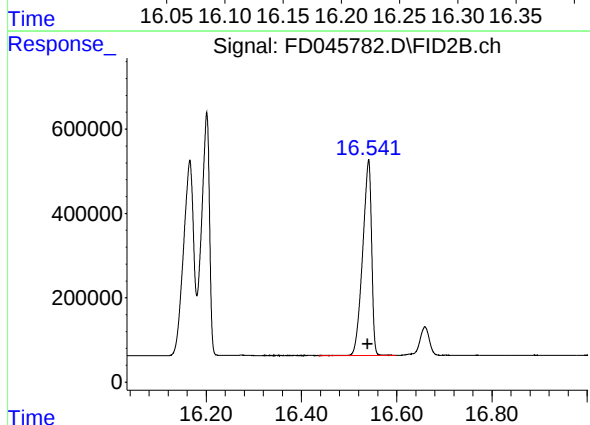
R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 6918470
Conc: 45.71 ug/ml



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

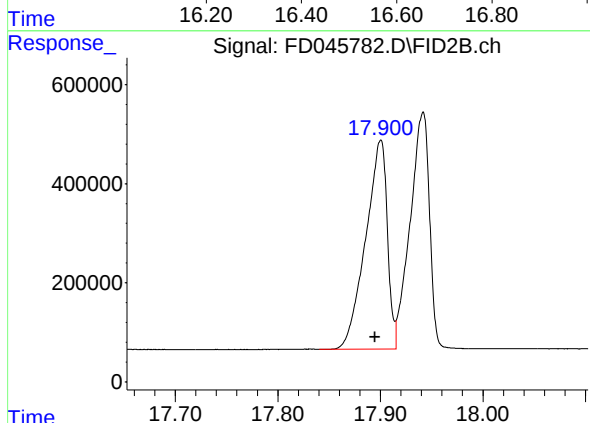
R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 6662136
Conc: 43.03 ug/ml

Instrument :
FID_D
ClientSampleId :



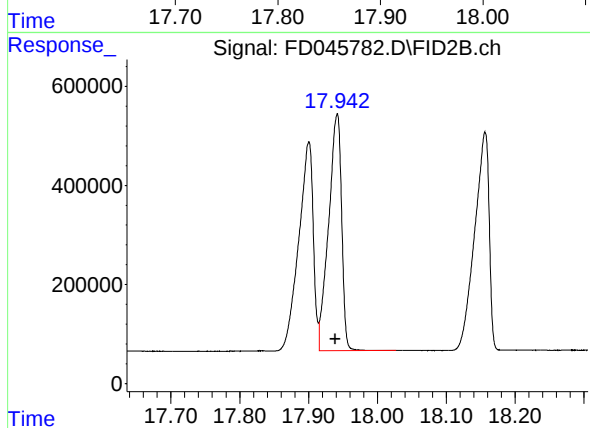
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.540 min
Delta R.T.: 0.001 min
Response: 6085045
Conc: 41.61 ug/ml



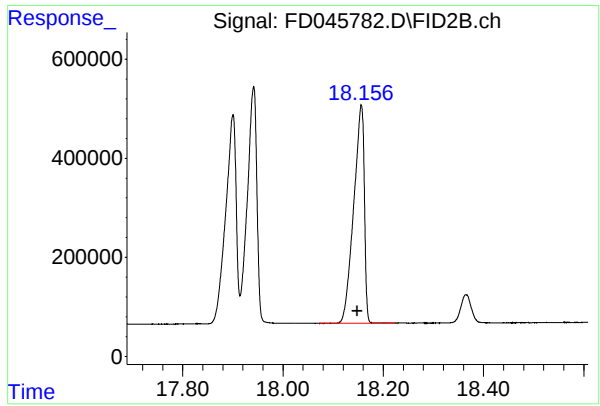
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 6200455
Conc: 42.33 ug/ml



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

R.T.: 17.941 min
Delta R.T.: 0.002 min
Response: 6294351
Conc: 41.96 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.007 min
Response: 6467376
Conc: 43.83 ug/ml

Instrument :

FID_D

ClientSampleId :