

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048742.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 13:22
 Operator : YP/AJ
 Sample : PB164996BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164996BSD

Integration File: sample.E
 Quant Time: Nov 16 10:09:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 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...	7.367	7535508	42.801 ug/ml
Spiked Amount 50.000		Recovery =	85.60%
6) S 2-Fluorobiphenyl (SURR)	8.217	5078112	44.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.18%
11) S ortho-Terphenyl (SURR)	11.255	8088990	42.057 ug/ml
Spiked Amount 50.000		Recovery =	84.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	5569068	29.550 ug/ml
2) T Naphthalene (C11.7)	5.707	6363273	32.536 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	6321775	33.080 ug/ml
5) T Acenaphthylene (C15.06)	8.020	7398949	38.153 ug/ml
7) T Acenaphthene (C15.5)	8.316	7955131	41.359 ug/ml
8) T Fluorene (C16.55)	9.094	8124156	42.346 ug/ml
9) T Phenanthrene (C19.36)	10.482	8346782	45.535 ug/ml
10) T Anthracene (C19.43)	10.558	8455339	45.151 ug/ml
12) T Fluoranthene (C21.85)	12.288	9287479	50.717 ug/ml
13) T Pyrene (C20.8)	12.581	8445026	46.711 ug/ml
14) T Benzo[a]anthracene (C...	14.452	8086265	49.156 ug/ml
15) T Chrysene (C27.41)	14.495	8025857	45.859 ug/ml
16) T benzo[b]fluoranthene ...	16.000	7779552	49.514 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	7736756	47.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	7340060	49.230 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	7100744	57.482 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	6933043	44.212 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	6782851	47.537 ug/ml

(f)=RT Delta > 1/2 Window

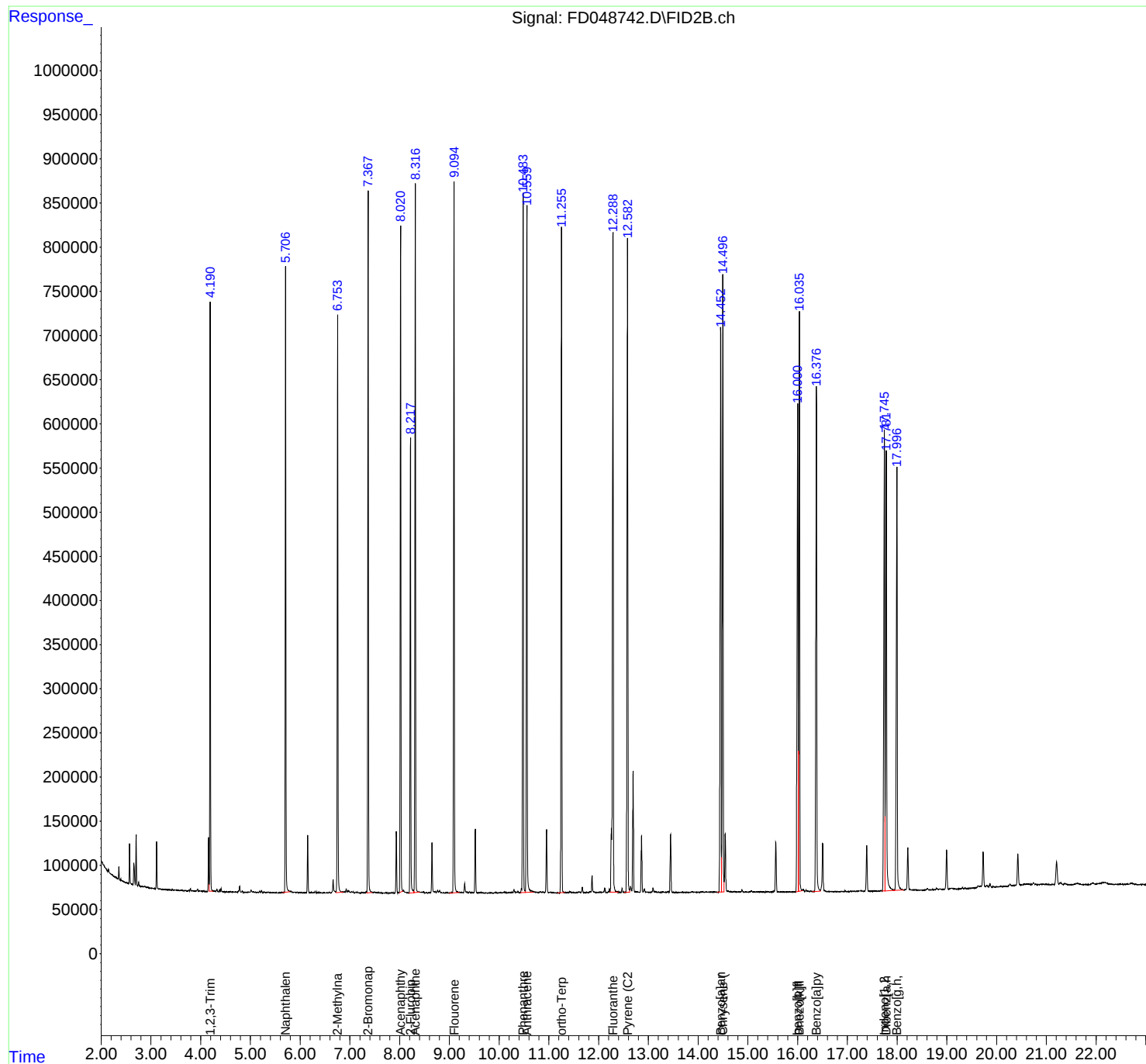
(m)=manual int.

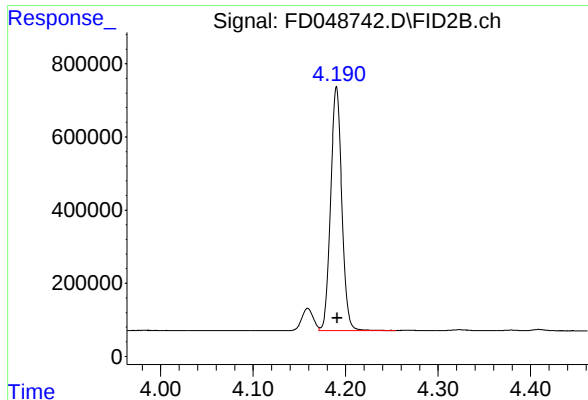
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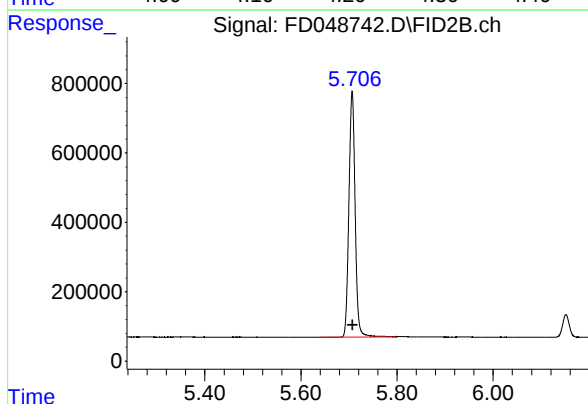




#1 1,2,3-Trimethylbenzene (C10.1)

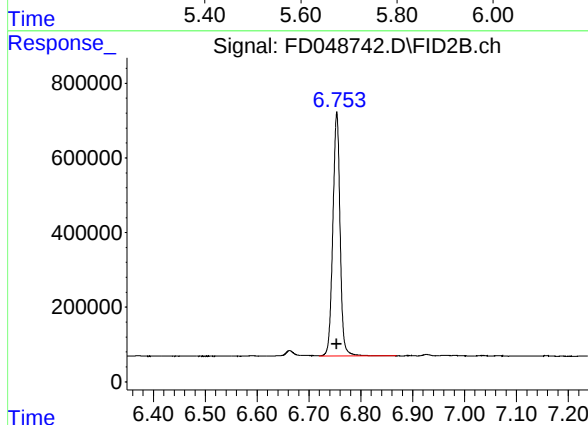
R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 5569068
Conc: 29.55 ug/ml

Instrument :
FID_D
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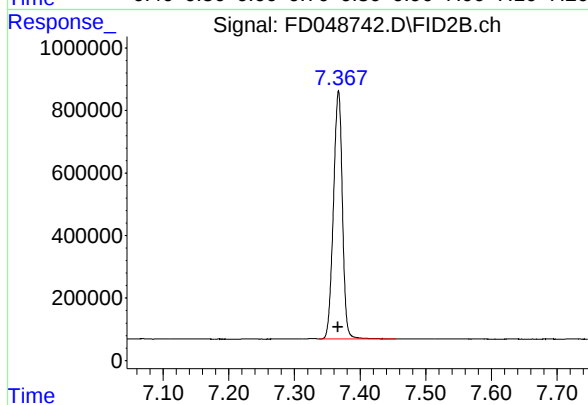
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 6363273
Conc: 32.54 ug/ml



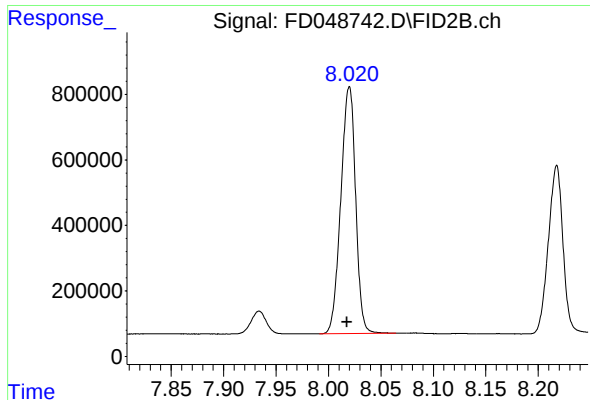
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 6321775
Conc: 33.08 ug/ml



#4 2-Bromonaphthalene (SURR)

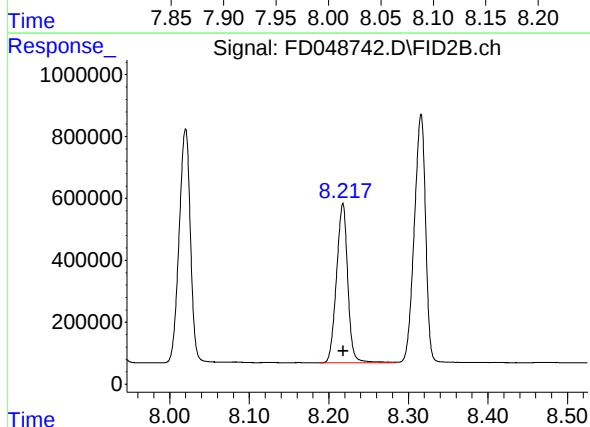
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 7535508
Conc: 42.80 ug/ml



#5 Acenaphthylene (C15.06)

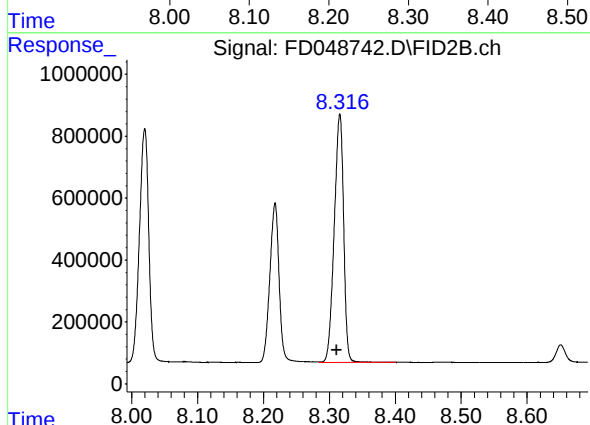
R.T.: 8.020 min
Delta R.T.: 0.002 min
Response: 7398949
Conc: 38.15 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164996BSD



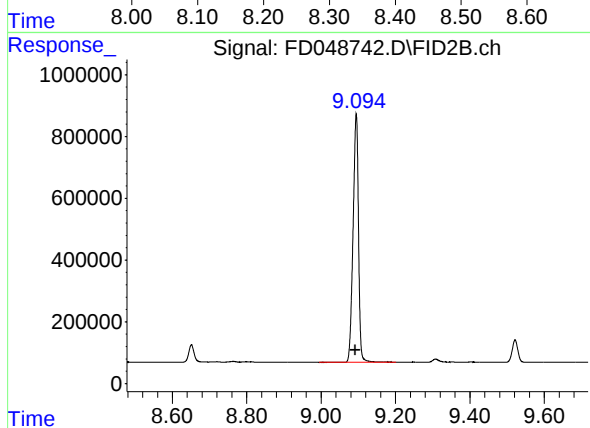
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.001 min
Response: 5078112
Conc: 44.09 ug/ml



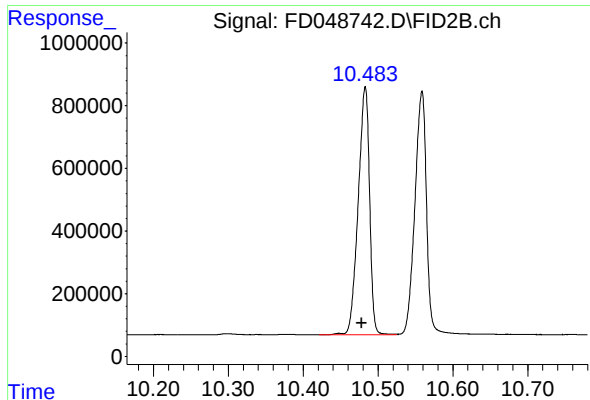
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 7955131
Conc: 41.36 ug/ml



#8 Flouorene (C16.55)

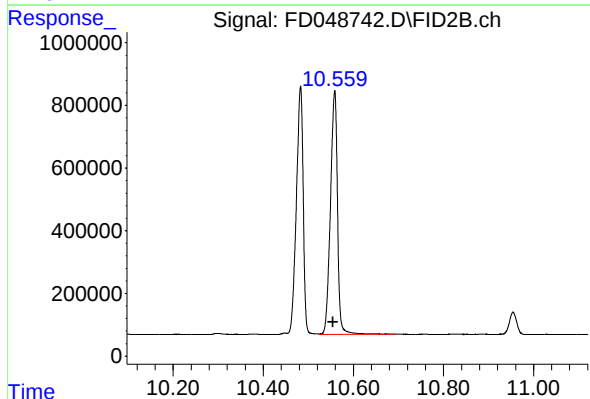
R.T.: 9.094 min
Delta R.T.: 0.003 min
Response: 8124156
Conc: 42.35 ug/ml



#9 Phenanthrene (C19.36)

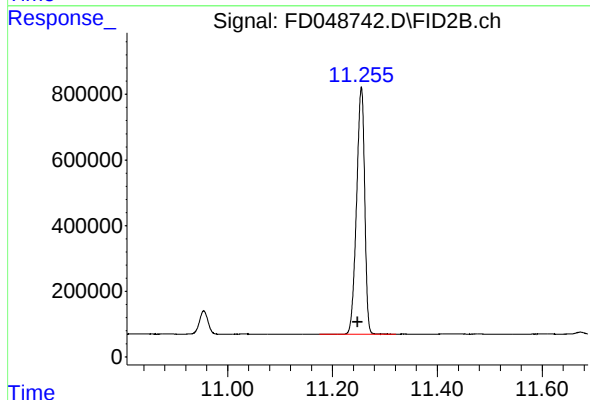
R.T.: 10.482 min
Delta R.T.: 0.004 min
Response: 8346782
Conc: 45.54 ug/ml

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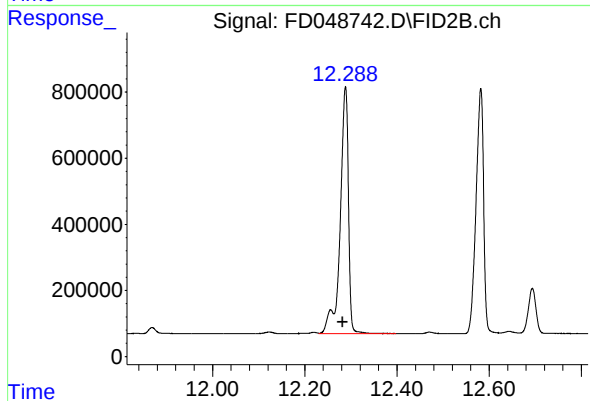
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: 0.004 min
Response: 8455339
Conc: 45.15 ug/ml



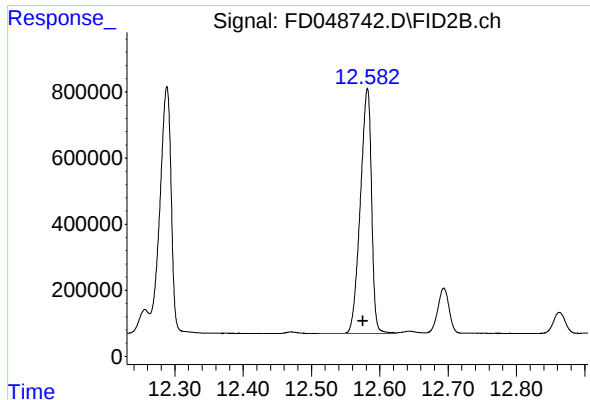
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: 0.006 min
Response: 8088990
Conc: 42.06 ug/ml



#12 Fluoranthene (C21.85)

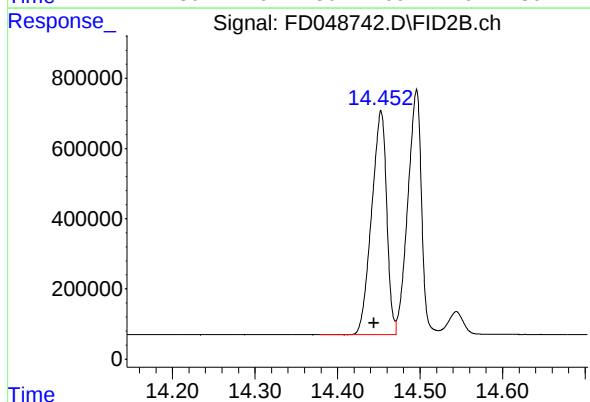
R.T.: 12.288 min
Delta R.T.: 0.005 min
Response: 9287479
Conc: 50.72 ug/ml



#13 Pyrene (C20.8)

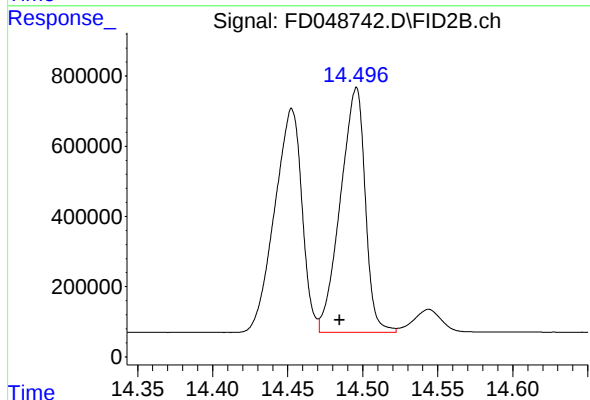
R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 8445026
Conc: 46.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164996BSD



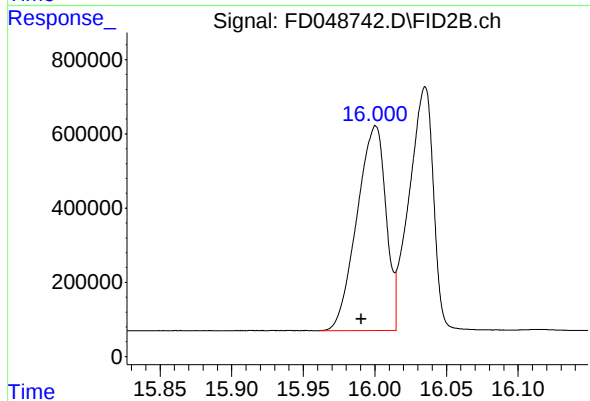
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: 0.008 min
Response: 8086265
Conc: 49.16 ug/ml



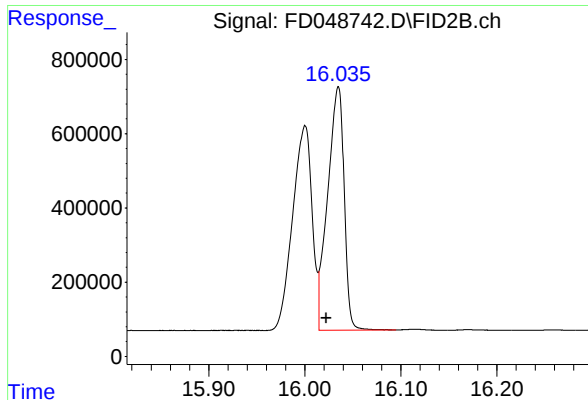
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.011 min
Response: 8025857
Conc: 45.86 ug/ml



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

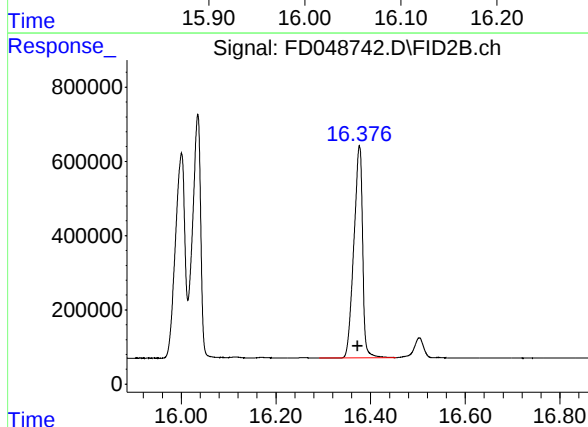
R.T.: 16.000 min
Delta R.T.: 0.009 min
Response: 7779552
Conc: 49.51 ug/ml



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

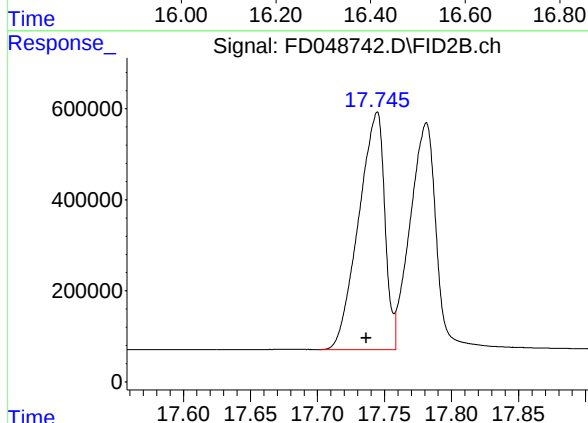
R.T.: 16.034 min
Delta R.T.: 0.012 min
Response: 7736756
Conc: 47.41 ug/ml

Instrument :
FID_D
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PB164996BSD



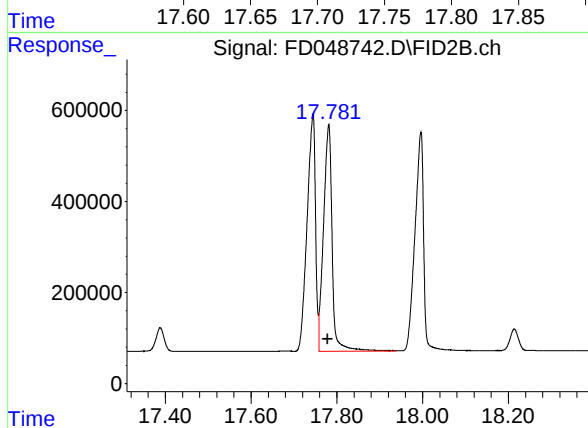
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.003 min
Response: 7340060
Conc: 49.23 ug/ml



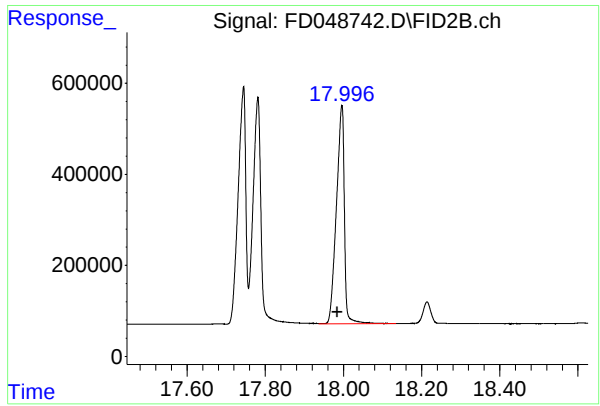
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.007 min
Response: 7100744
Conc: 57.48 ug/ml



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

R.T.: 17.780 min
Delta R.T.: 0.002 min
Response: 6933043
Conc: 44.21 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.011 min
Response: 6782851
Conc: 47.54 ug/ml

Instrument :

FID_D

ClientSampleId :

PB164996BSD