

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048653.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 23:56
 Operator : YP/AJ
 Sample : P4620-23
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CF16-01MS

Integration File: autoint1.e
 Quant Time: Nov 05 02:09:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.374	7108424	46.834 ug/ml
Spiked Amount 50.000		Recovery =	93.67%
6) S 2-Fluorobiphenyl (SURR)	8.224	4664272	47.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.00%
11) S ortho-Terphenyl (SURR)	11.258	5502781	32.305 ug/ml
Spiked Amount 50.000		Recovery =	64.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	5172781	29.734 ug/mlm
2) T Naphthalene (C11.7)	5.714	5991054	33.576 ug/mlm
3) T 2-Methylnaphthalene (...)	6.761	5861925	32.773 ug/ml
5) T Acenaphthylene (C15.06)	8.027	6645346	37.845 ug/ml
7) T Acenaphthene (C15.5)	8.322	6973319	39.317 ug/ml
8) T Fluorene (C16.55)	9.100	6797980	40.216 ug/mlm
9) T Phenanthrene (C19.36)	10.487	6668520	40.340 ug/ml
10) T Anthracene (C19.43)	10.563	6673737	41.734 ug/ml
12) T Fluoranthene (C21.85)	12.292	6716872	40.813 ug/mlm
13) T Pyrene (C20.8)	12.584	6581081	40.857 ug/ml
14) T Benzo[a]anthracene (C...	14.454	6219934	42.540 ug/mlm
15) T Chrysene (C27.41)	14.496	6308117	38.349 ug/ml
16) T benzo[b]fluoranthene ...	16.001	6239718	41.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	6278608	41.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	6075005	40.367 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	6453992	49.464 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	6171055	37.921 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	6197054	40.479 ug/ml

(f)=RT Delta > 1/2 Window

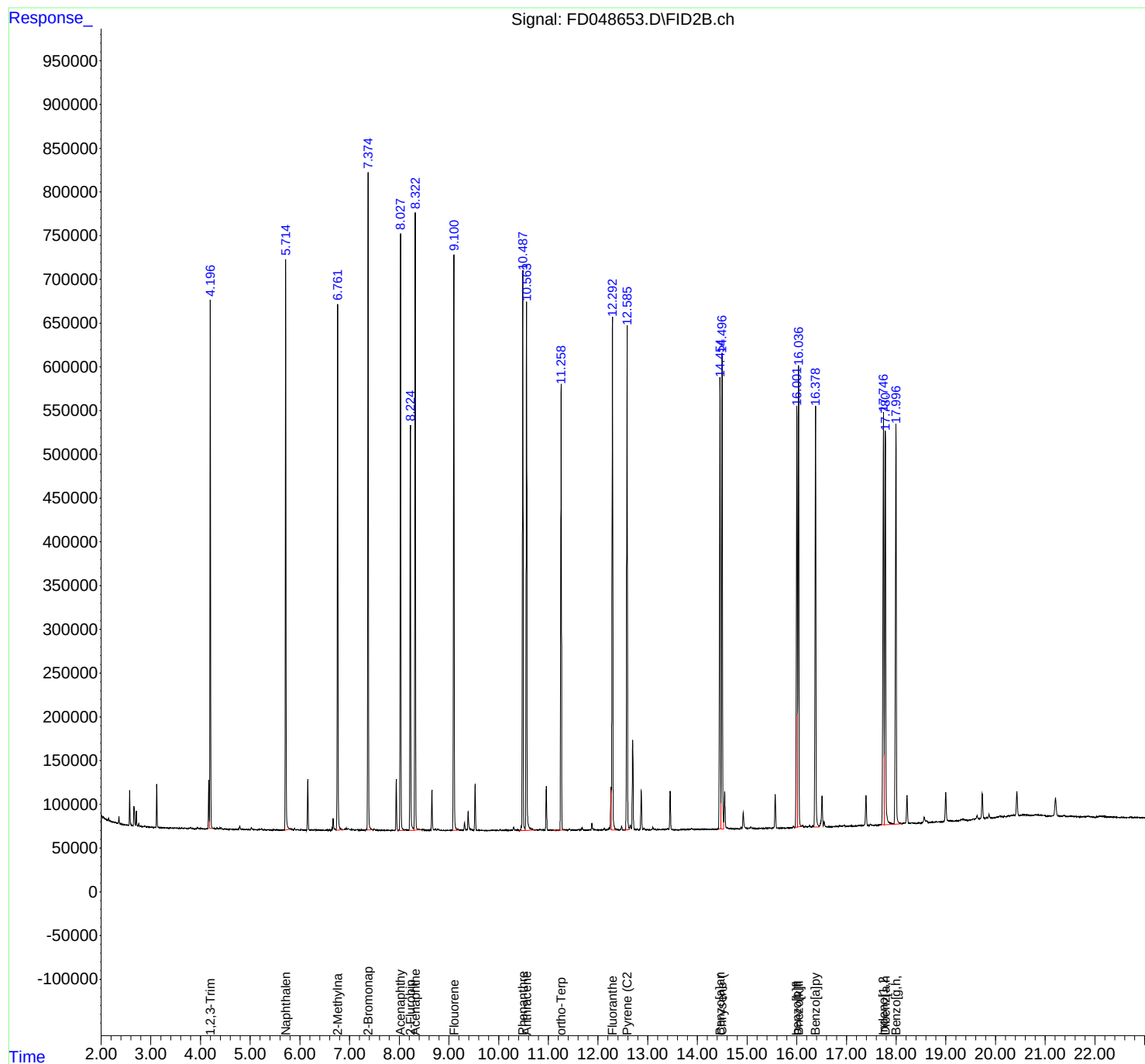
(m)=manual int.

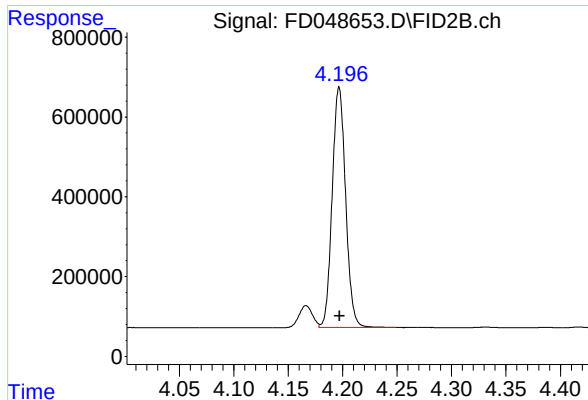
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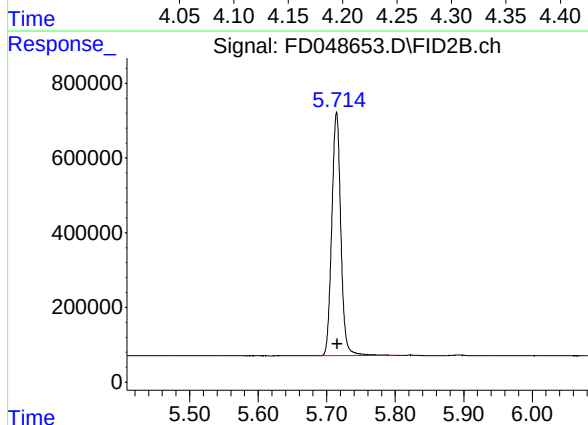




#1 1,2,3-Trimethylbenzene (C10.1)

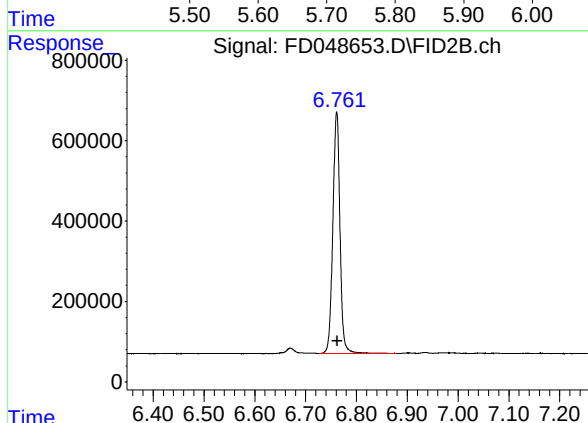
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 5172781
Conc: 29.73 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF16-01MS



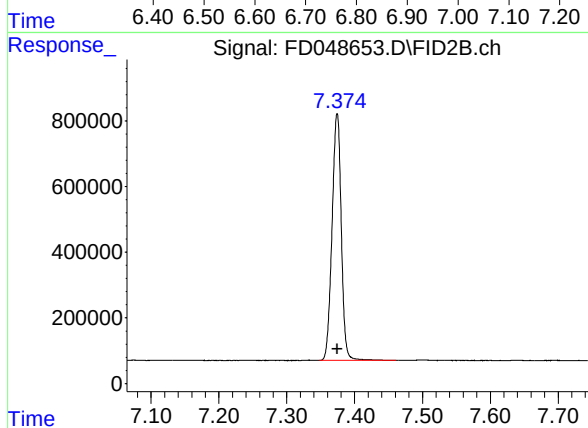
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.001 min
Response: 5991054
Conc: 33.58 ug/ml



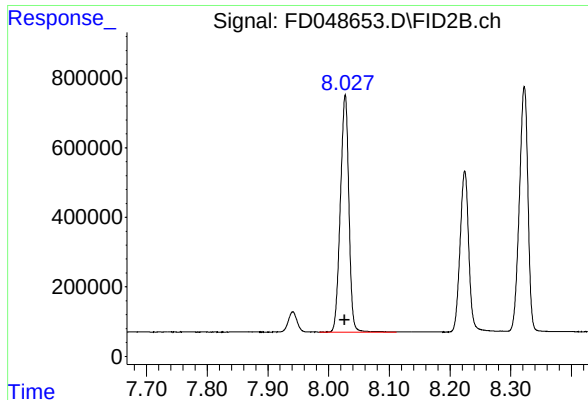
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 5861925
Conc: 32.77 ug/ml



#4 2-Bromonaphthalene (SURR)

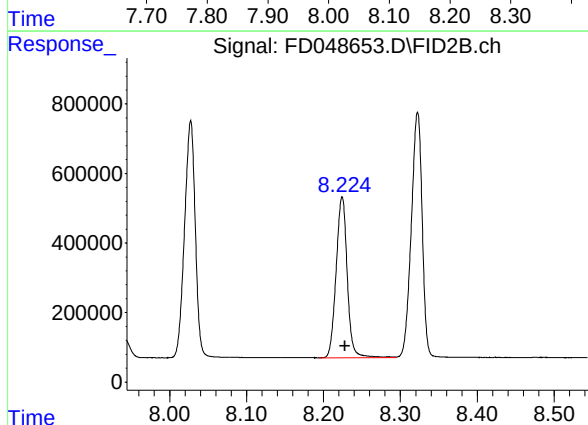
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 7108424
Conc: 46.83 ug/ml



#5 Acenaphthylene (C15.06)

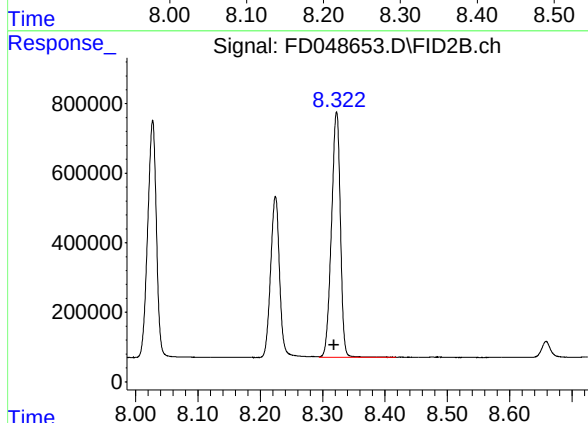
R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 6645346
Conc: 37.85 ug/ml

Instrument :
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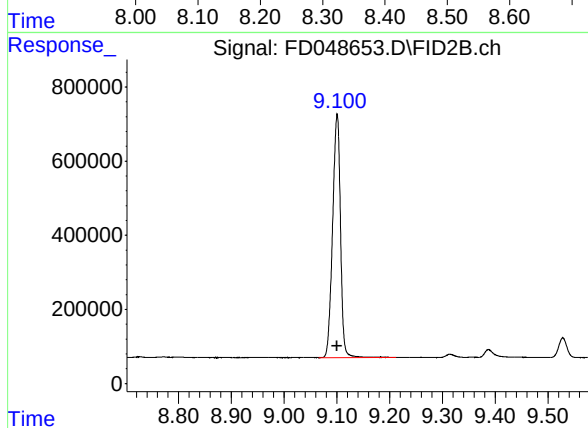
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 4664272
Conc: 47.50 ug/ml



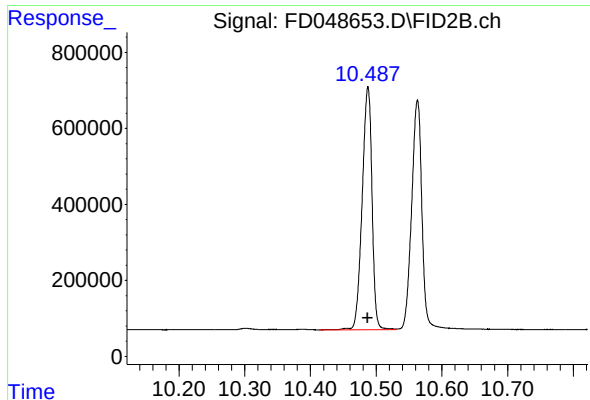
#7 Acenaphthene (C15.5)

R.T.: 8.322 min
Delta R.T.: 0.004 min
Response: 6973319
Conc: 39.32 ug/ml



#8 Flouorene (C16.55)

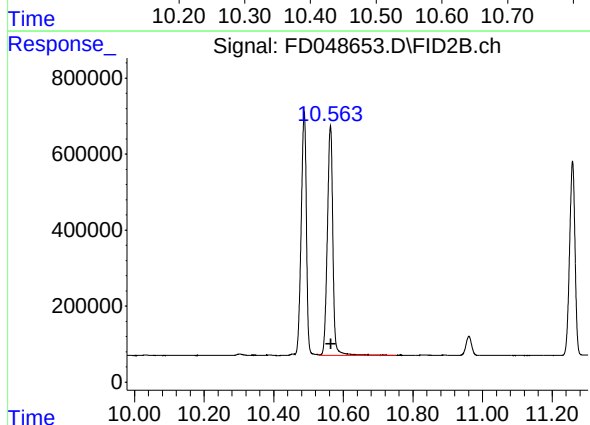
R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 6797980
Conc: 40.22 ug/ml m



#9 Phenanthrene (C19.36)

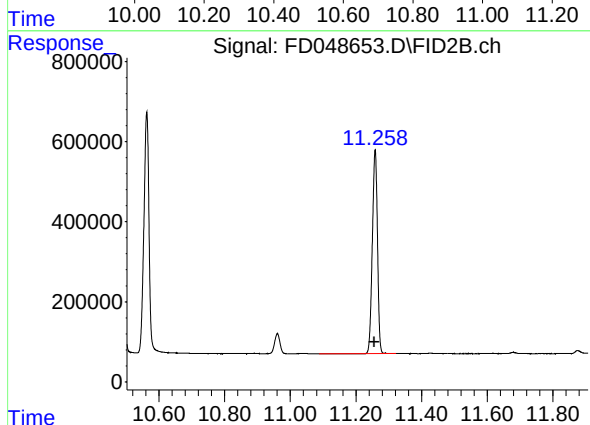
R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 6668520
Conc: 40.34 ug/ml

Instrument :
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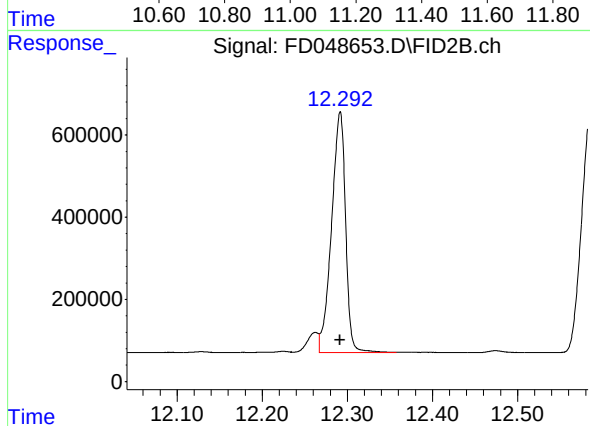
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.002 min
Response: 6673737
Conc: 41.73 ug/ml



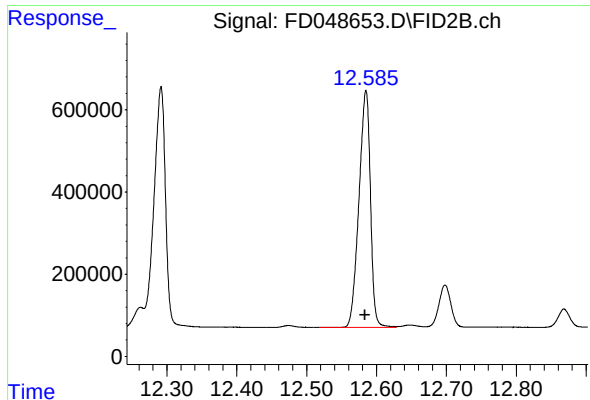
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.002 min
Response: 5502781
Conc: 32.30 ug/ml



#12 Fluoranthene (C21.85)

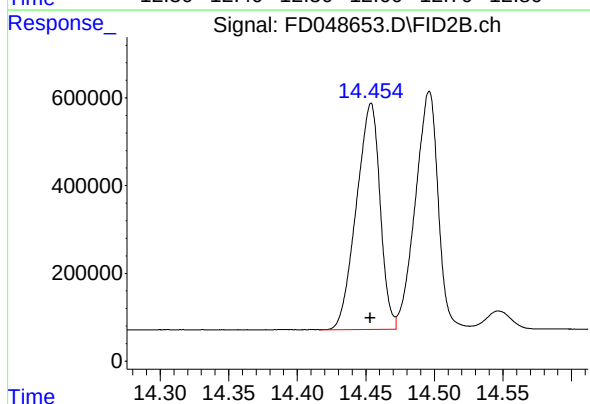
R.T.: 12.292 min
Delta R.T.: 0.000 min
Response: 6716872
Conc: 40.81 ug/ml m



#13 Pyrene (C20.8)

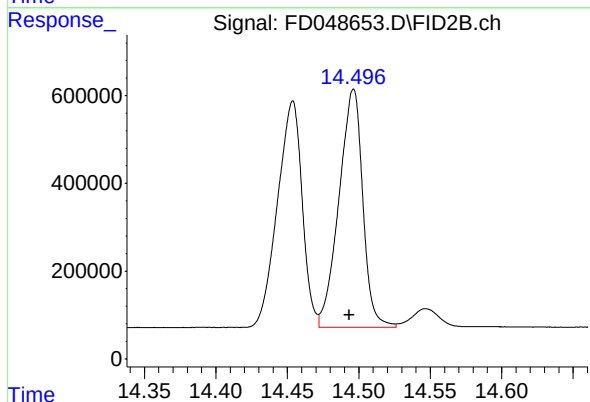
R.T.: 12.584 min
Delta R.T.: 0.001 min
Response: 6581081
Conc: 40.86 ug/ml

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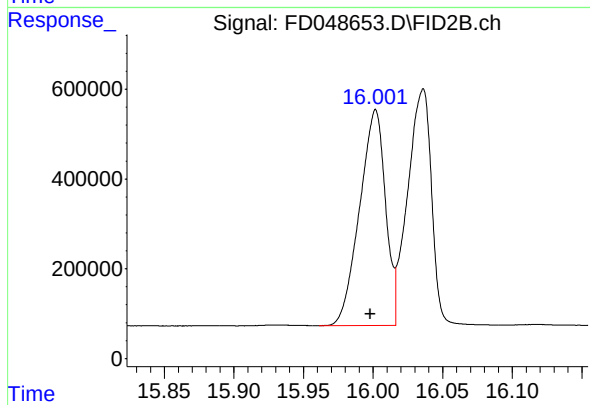
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.454 min
Delta R.T.: 0.000 min
Response: 6219934
Conc: 42.54 ug/ml



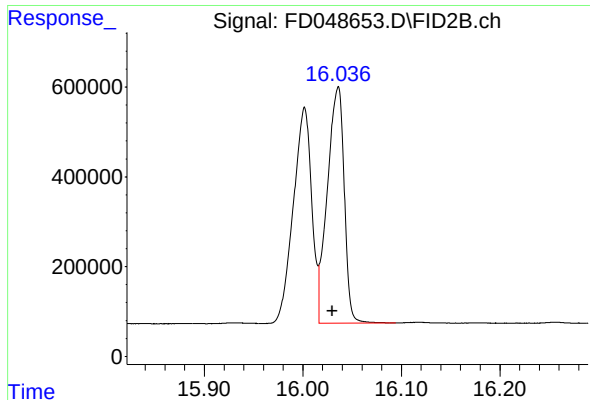
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.003 min
Response: 6308117
Conc: 38.35 ug/ml



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

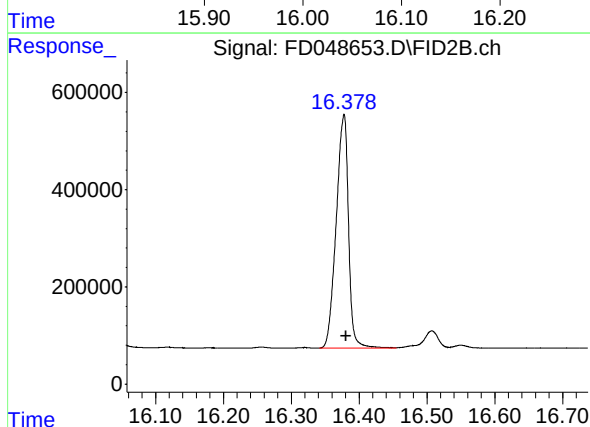
R.T.: 16.001 min
Delta R.T.: 0.003 min
Response: 6239718
Conc: 41.04 ug/ml



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

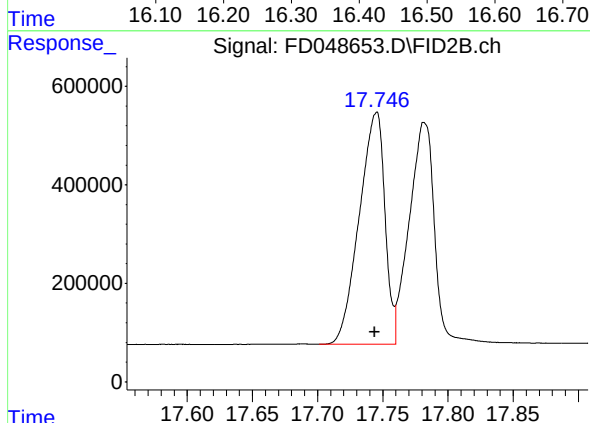
R.T.: 16.035 min
Delta R.T.: 0.005 min
Response: 6278608
Conc: 41.77 ug/ml

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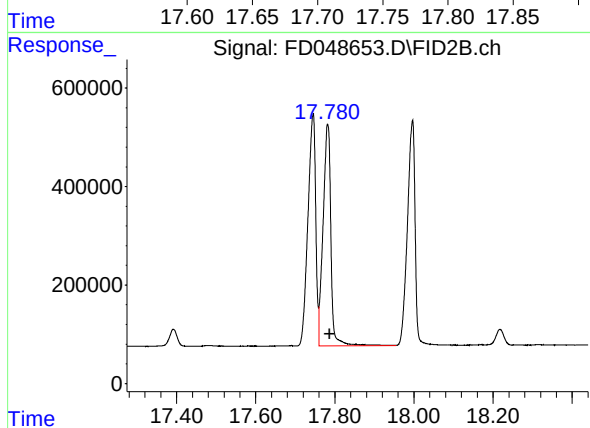
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.004 min
Response: 6075005
Conc: 40.37 ug/ml



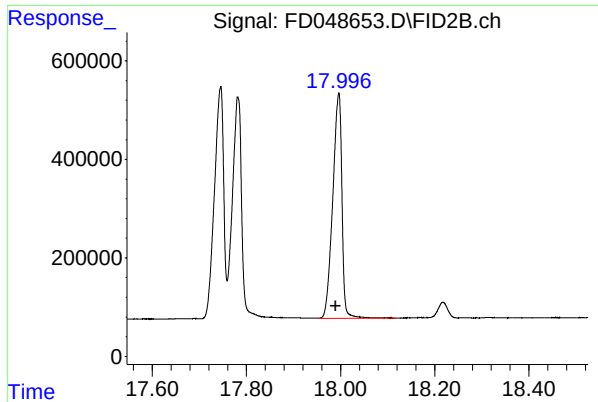
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.000 min
Response: 6453992
Conc: 49.46 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.005 min
Response: 6171055
Conc: 37.92 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.006 min
Response: 6197054
Conc: 40.48 ug/ml

Instrument :

FID_D

ClientSampleId :

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