

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047095.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 16:05
 Operator : YP/AJ
 Sample : PB158054BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB158054BSD

Integration File: autoint1.e
 Quant Time: Dec 26 22:26:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.472	7823721	47.193 ug/ml
Spiked Amount 50.000		Recovery =	94.39%
6) S 2-Fluorobiphenyl (SURR)	8.324	4139964	39.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.46%
11) S ortho-Terphenyl (SURR)	11.363	8577930	44.419 ug/ml
Spiked Amount 50.000		Recovery =	88.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	5109135	28.318 ug/ml
2) T Naphthalene (C11.7)	5.811	5966640	32.415 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	6213216	33.850 ug/ml
5) T Acenaphthylene (C15.06)	8.128	6822511	40.673 ug/ml
7) T Acenaphthene (C15.5)	8.424	6604258	36.720 ug/ml
8) T Fluorene (C16.55)	9.201	6879378	41.505 ug/ml
9) T Phenanthrene (C19.36)	10.590	6999193	44.871 ug/ml
10) T Anthracene (C19.43)	10.665	6817881	47.069 ug/ml
12) T Fluoranthene (C21.85)	12.394	7298501	48.215 ug/ml
13) T Pyrene (C20.8)	12.688	7310142	49.844 ug/ml
14) T Benzo[a]anthracene (C...	14.552	6413657	52.118 ug/ml
15) T Chrysene (C27.41)	14.596	6544607	46.623 ug/ml
16) T benzo[b]fluoranthene ...	16.095	6320412	49.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	6362225	47.834 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	5977940	47.042 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	5999032	54.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	5837303	45.684 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	5839990	45.584 ug/ml

(f)=RT Delta > 1/2 Window

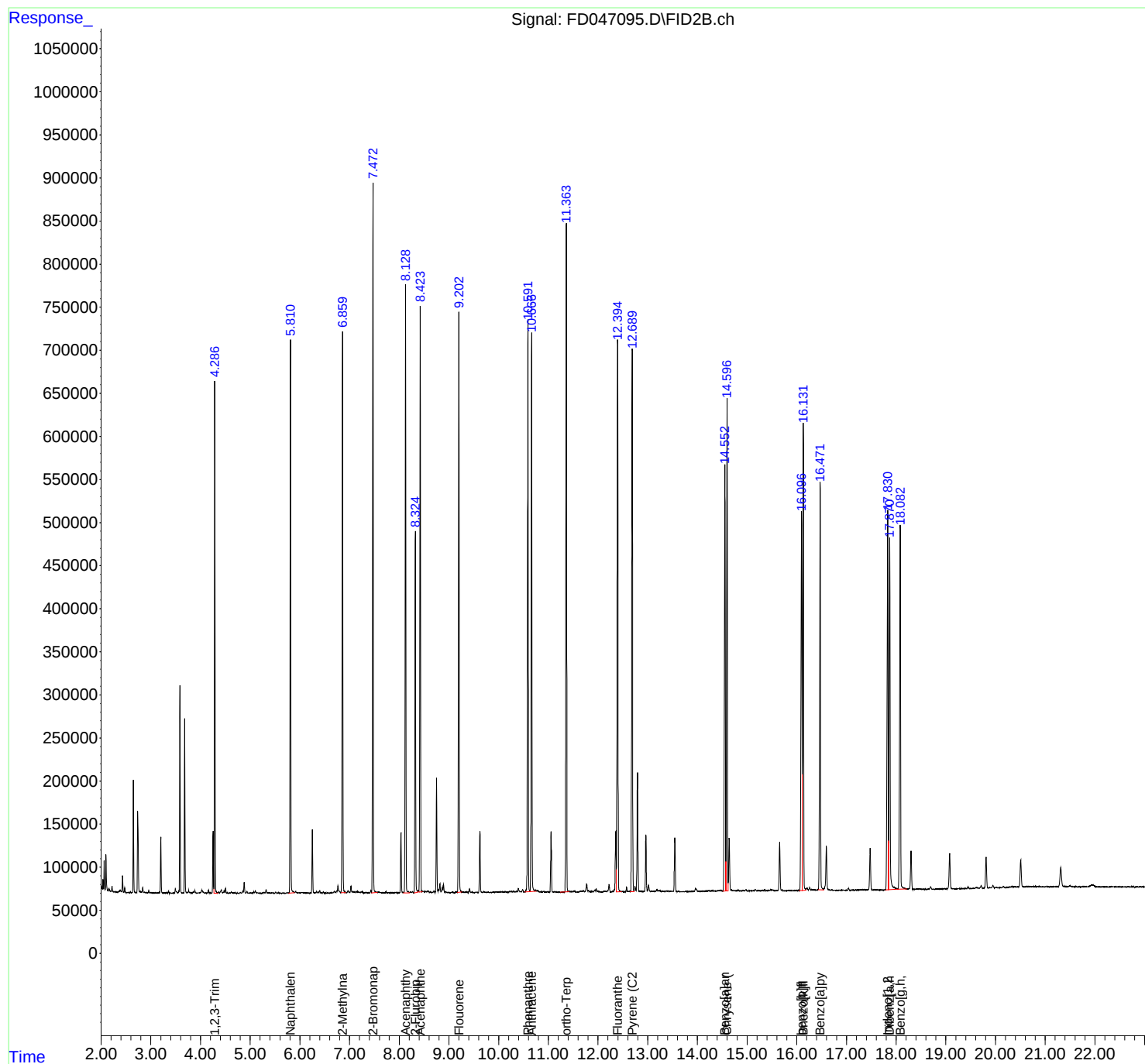
(m)=manual int.

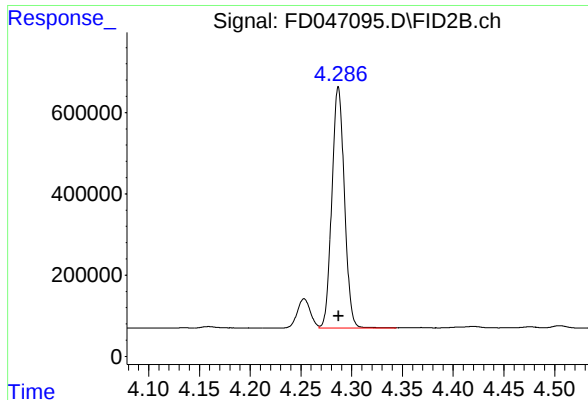
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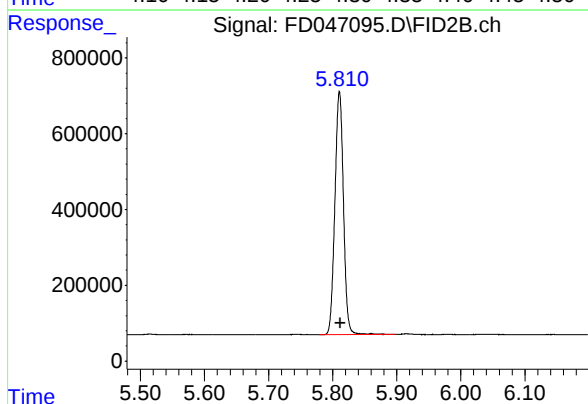




#1 1,2,3-Trimethylbenzene (C10.1)

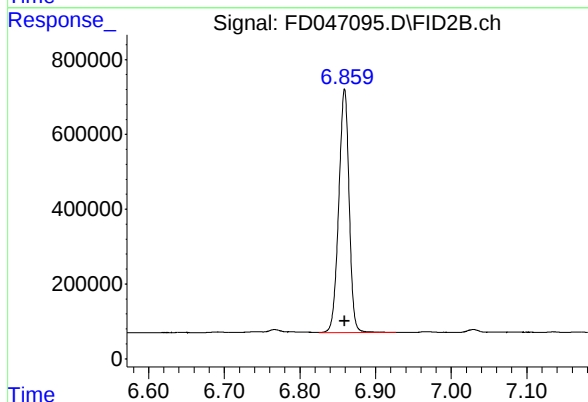
R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 5109135
Conc: 28.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BSD



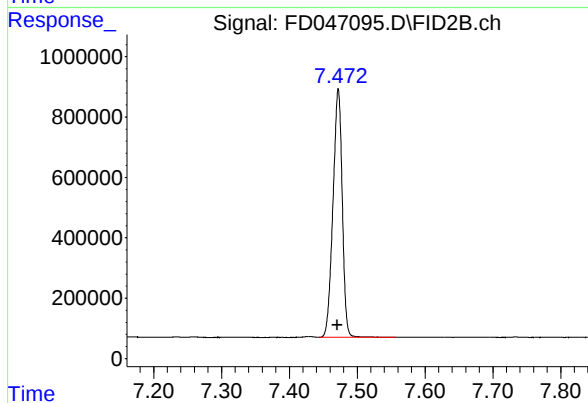
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 5966640
Conc: 32.42 ug/ml



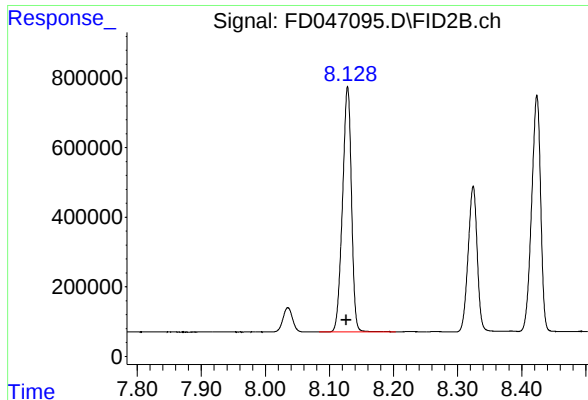
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 6213216
Conc: 33.85 ug/ml



#4 2-Bromonaphthalene (SURR)

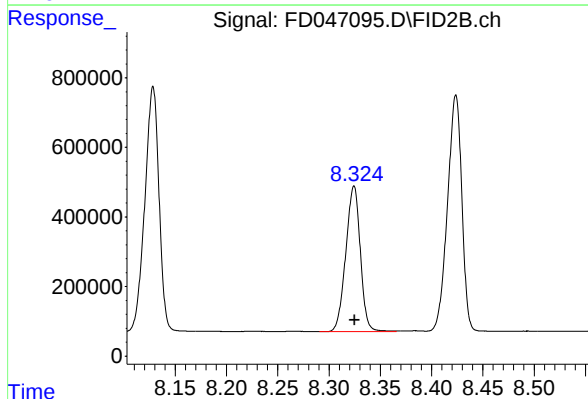
R.T.: 7.472 min
Delta R.T.: 0.001 min
Response: 7823721
Conc: 47.19 ug/ml



#5 Acenaphthylene (C15.06)

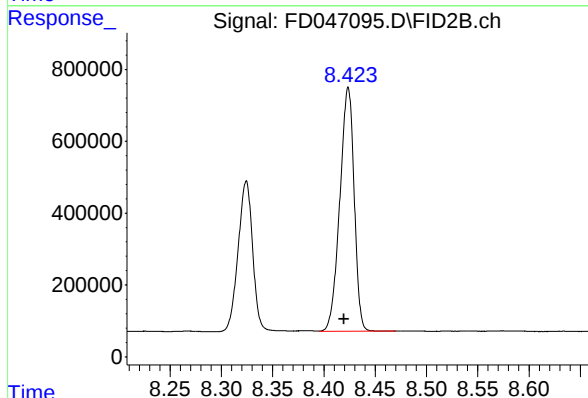
R.T.: 8.128 min
Delta R.T.: 0.002 min
Response: 6822511
Conc: 40.67 ug/ml

Instrument :
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PB158054BSD



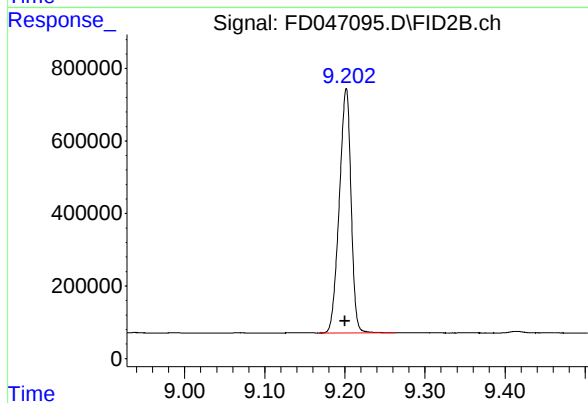
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 4139964
Conc: 39.73 ug/ml



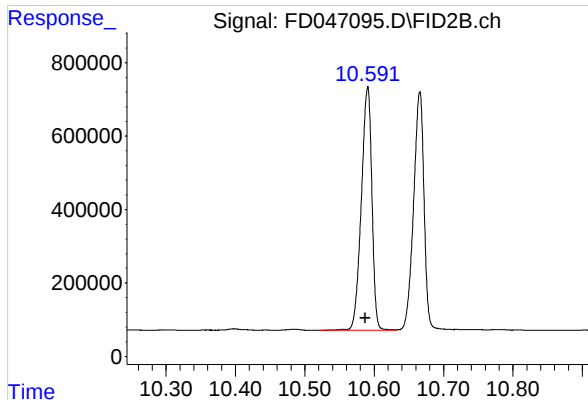
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.004 min
Response: 6604258
Conc: 36.72 ug/ml



#8 Flouorene (C16.55)

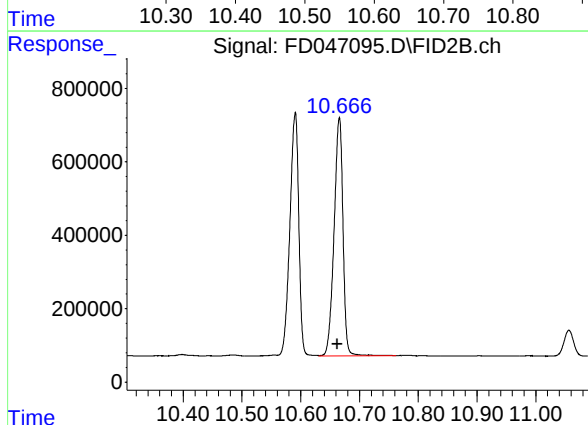
R.T.: 9.201 min
Delta R.T.: 0.001 min
Response: 6879378
Conc: 41.50 ug/ml



#9 Phenanthrene (C19.36)

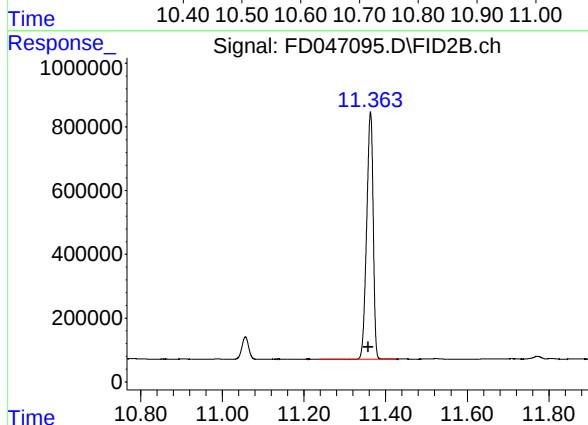
R.T.: 10.590 min
Delta R.T.: 0.003 min
Response: 6999193
Conc: 44.87 ug/ml

Instrument :
FID_D
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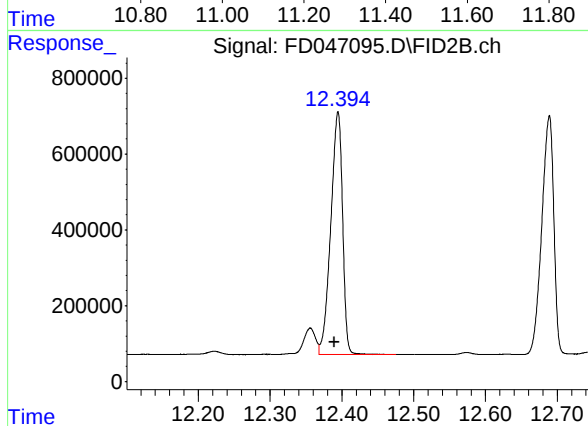
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.003 min
Response: 6817881
Conc: 47.07 ug/ml



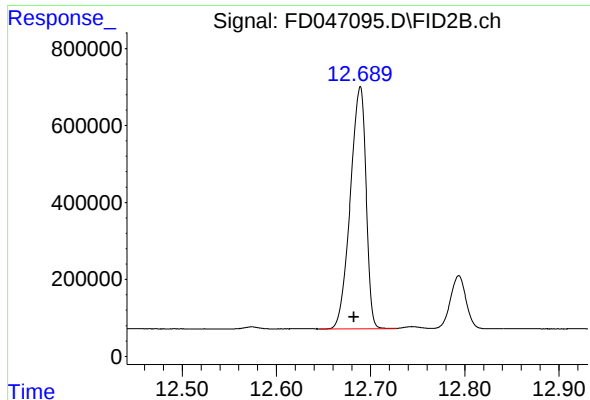
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.005 min
Response: 8577930
Conc: 44.42 ug/ml



#12 Fluoranthene (C21.85)

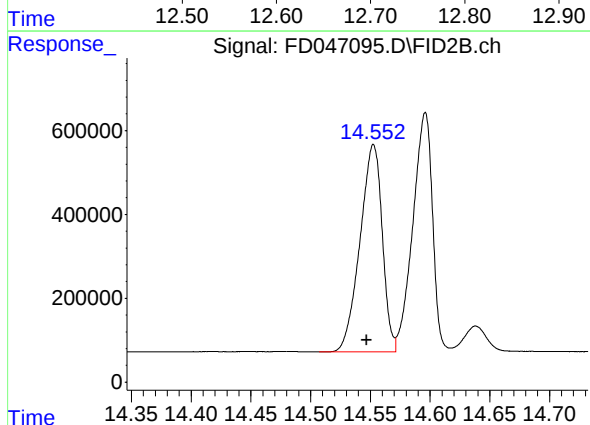
R.T.: 12.394 min
Delta R.T.: 0.005 min
Response: 7298501
Conc: 48.21 ug/ml



#13 Pyrene (C20.8)

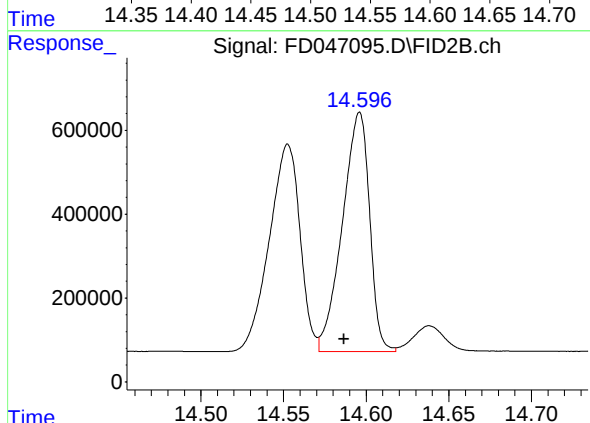
R.T.: 12.688 min
Delta R.T.: 0.006 min
Response: 7310142
Conc: 49.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BSD



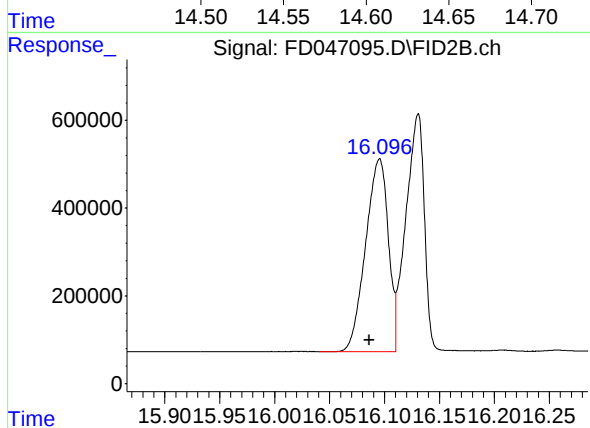
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.005 min
Response: 6413657
Conc: 52.12 ug/ml



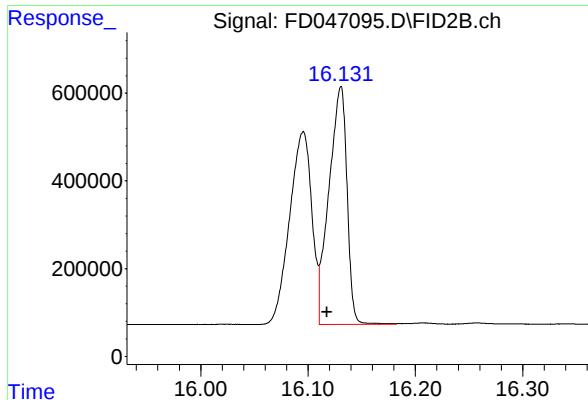
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.009 min
Response: 6544607
Conc: 46.62 ug/ml



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

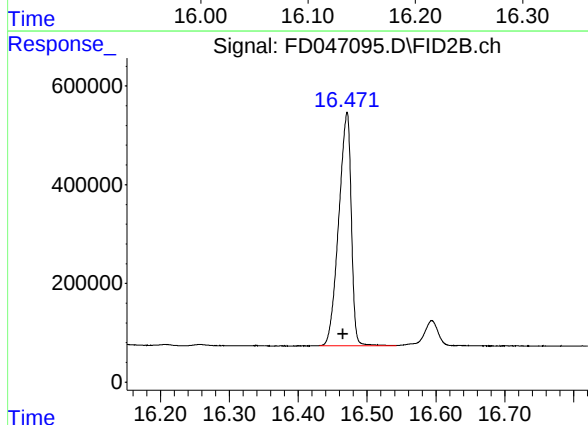
R.T.: 16.095 min
Delta R.T.: 0.009 min
Response: 6320412
Conc: 49.07 ug/ml



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

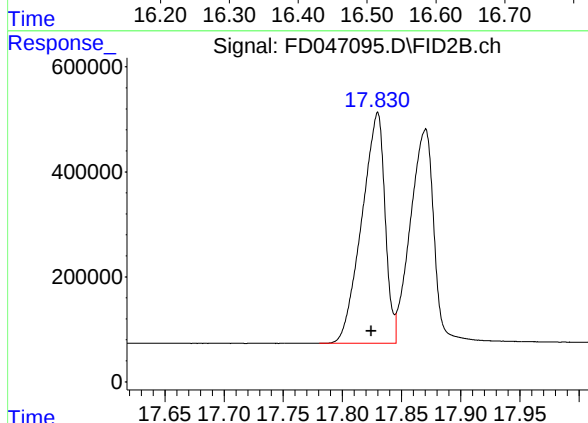
R.T.: 16.130 min
Delta R.T.: 0.012 min
Response: 6362225
Conc: 47.83 ug/ml

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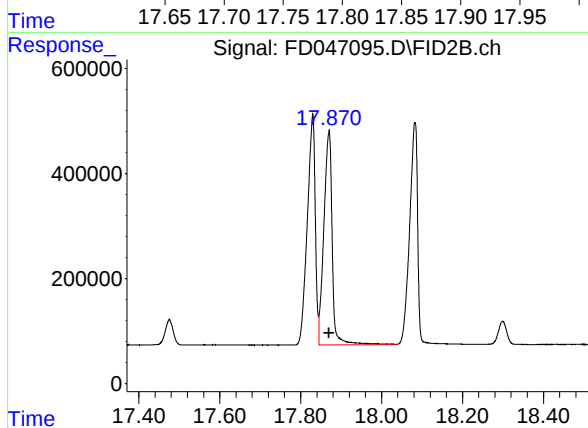
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: 0.005 min
Response: 5977940
Conc: 47.04 ug/ml



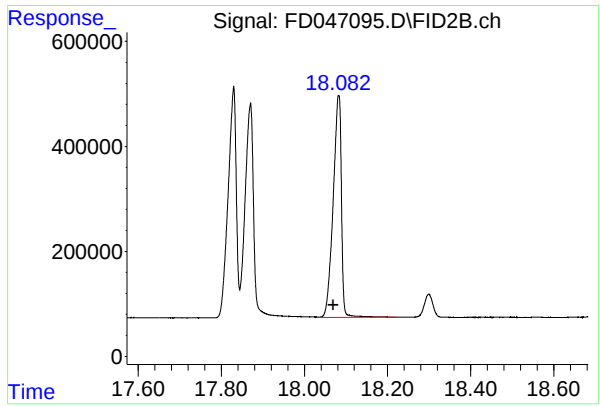
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.005 min
Response: 5999032
Conc: 54.11 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.000 min
Response: 5837303
Conc: 45.68 ug/ml



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

R.T.: 18.082 min

Delta R.T.: 0.012 min

Response: 5839990

Conc: 45.58 ug/ml

Instrument :

FID_D

ClientSampleId :

PB158054BSD