

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015631.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 17:46
 Operator : YP\AJ
 Sample : PB167058BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167058BSD

Integration File: autoint1.e
 Quant Time: Mar 11 03:22:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 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...	7.997	6861975	58.944 ug/ml
Spiked Amount 50.000		Recovery =	117.89%
6) S 2-Fluorobiphenyl (SURR)	8.874	4252404	59.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.40%
11) S ortho-Terphenyl (SURR)	11.935	7259660	49.351 ug/ml
Spiked Amount 50.000		Recovery =	98.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4491192	34.789 ug/ml
2) T Naphthalene (C11.7)	6.274	5225784	40.946 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	5253176	41.488 ug/ml
5) T Acenaphthylene (C15.06)	8.673	6294057	44.527 ug/ml
7) T Acenaphthene (C15.5)	8.972	6763066	47.484 ug/ml
8) T Fluorene (C16.55)	9.762	6670028	50.127 ug/ml
9) T Phenanthrene (C19.36)	11.171	6781201	52.132 ug/ml
10) T Anthracene (C19.43)	11.246	6827746	54.512 ug/ml
12) T Fluoranthene (C21.85)	12.993	7078040	50.121 ug/ml
13) T Pyrene (C20.8)	13.292	7020250	48.831 ug/ml
14) T Benzo[a]anthracene (C...	15.178	6514139	55.456 ug/ml
15) T Chrysene (C27.41)	15.221	7816361	52.331 ug/ml
16) T benzo[b]fluoranthene ...	16.740	6492778	49.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	6889705	46.173 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.122	6032279	47.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.500	5980933	58.433 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	6283187	48.595 ug/ml
21) T Benzo[g,h,i]perylene ...	18.756	6114763	49.138 ug/ml

(f)=RT Delta > 1/2 Window

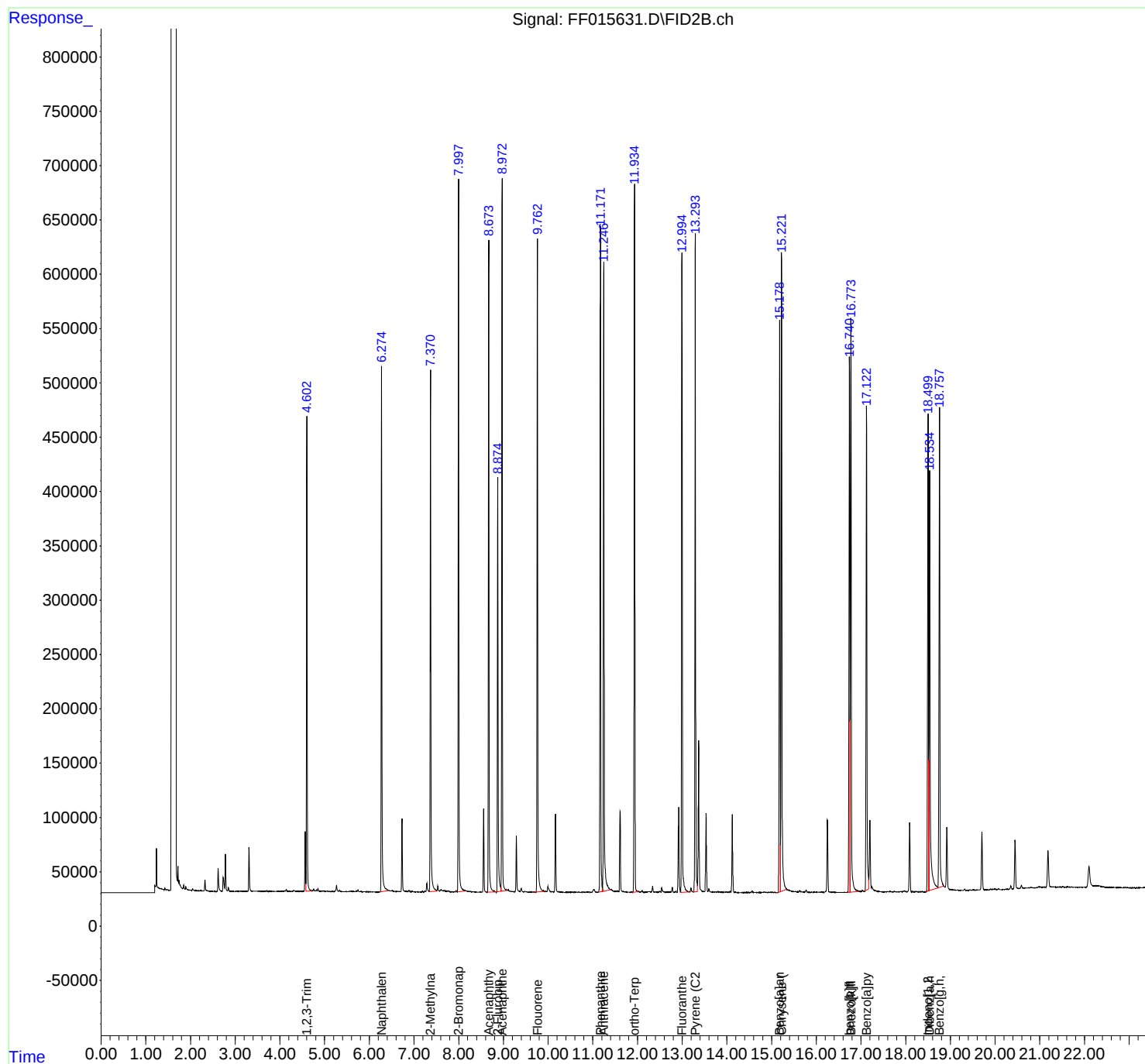
(m)=manual int.

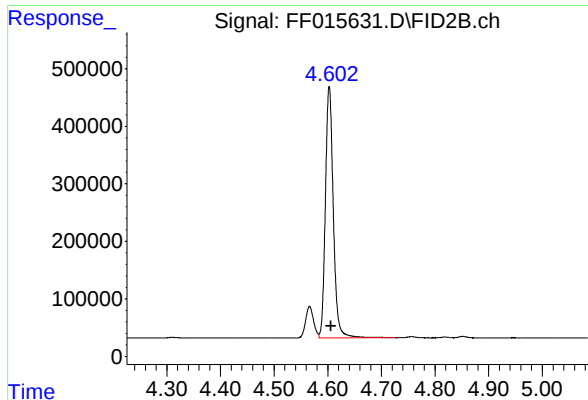
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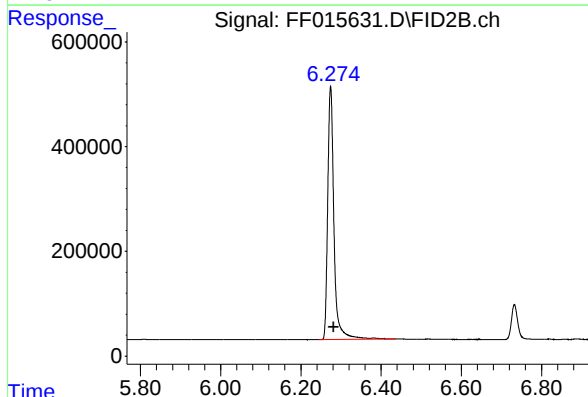




#1 1,2,3-Trimethylbenzene (C10.1)

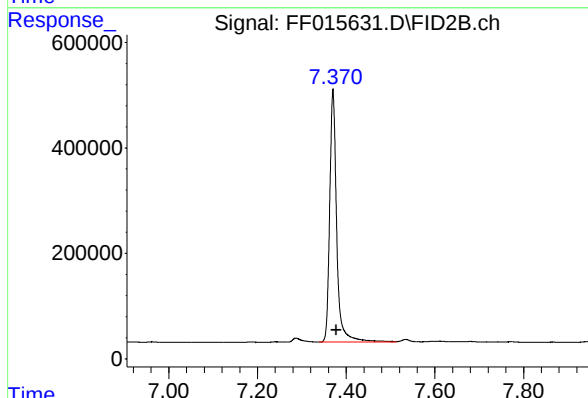
R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 4491192
Conc: 34.79 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167058BSD



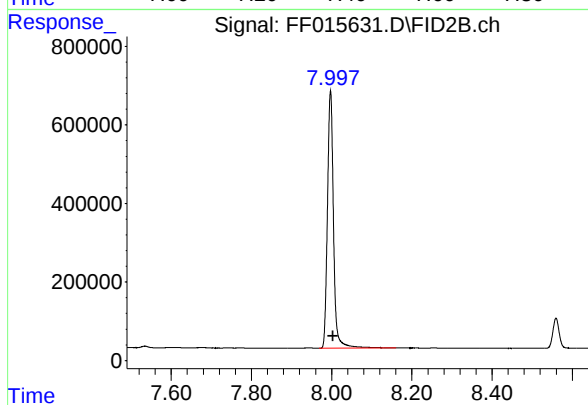
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 5225784
Conc: 40.95 ug/ml



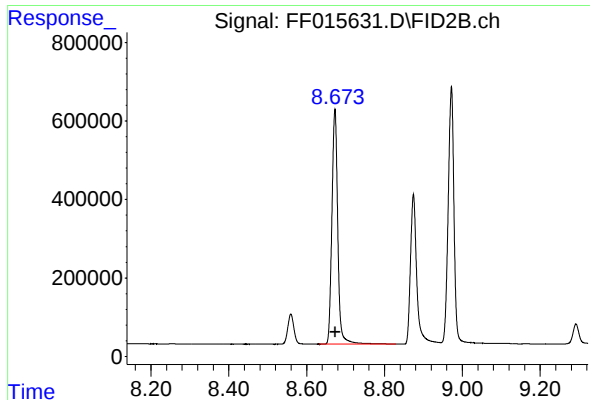
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 5253176
Conc: 41.49 ug/ml



#4 2-Bromonaphthalene (SURR)

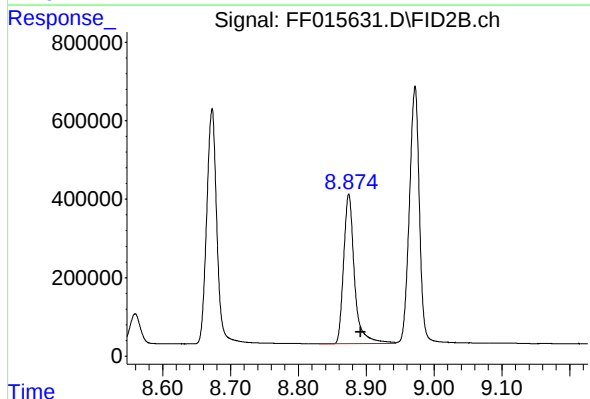
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6861975
Conc: 58.94 ug/ml



#5 Acenaphthylene (C15.06)

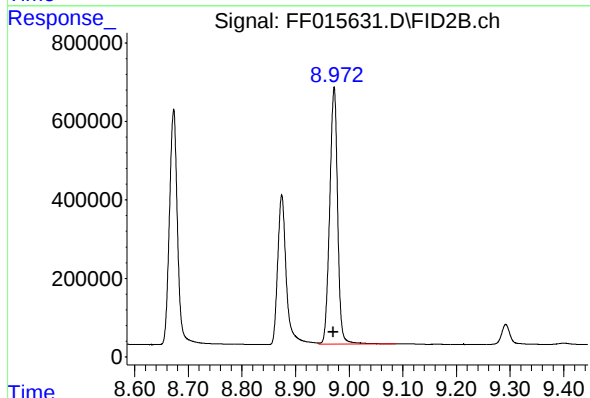
R.T.: 8.673 min
Delta R.T.: -0.002 min
Response: 6294057
Conc: 44.53 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167058BSD



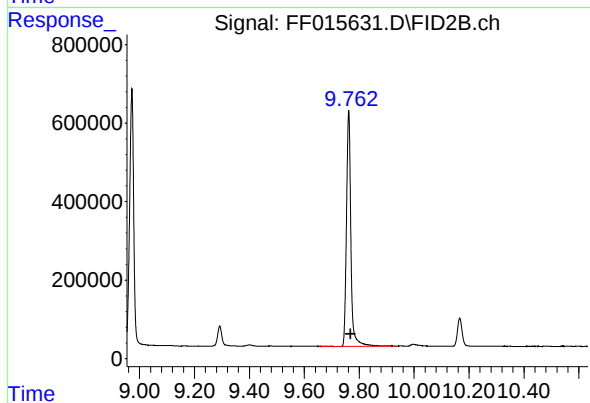
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: -0.018 min
Response: 4252404
Conc: 59.70 ug/ml



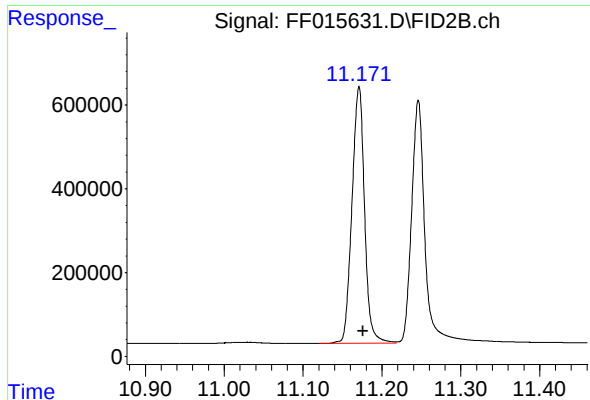
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: 0.002 min
Response: 6763066
Conc: 47.48 ug/ml



#8 Fluorene (C16.55)

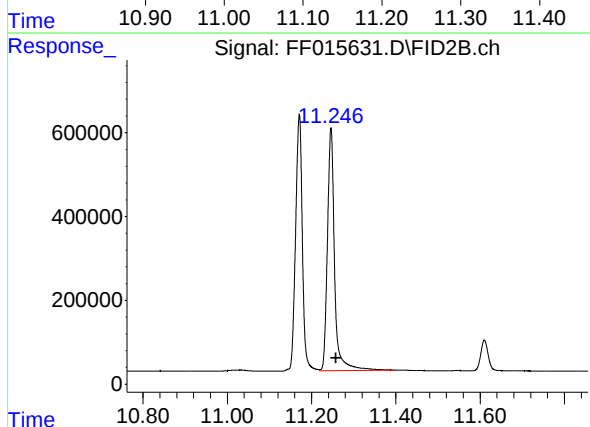
R.T.: 9.762 min
Delta R.T.: -0.007 min
Response: 6670028
Conc: 50.13 ug/ml



#9 Phenanthrene (C19.36)

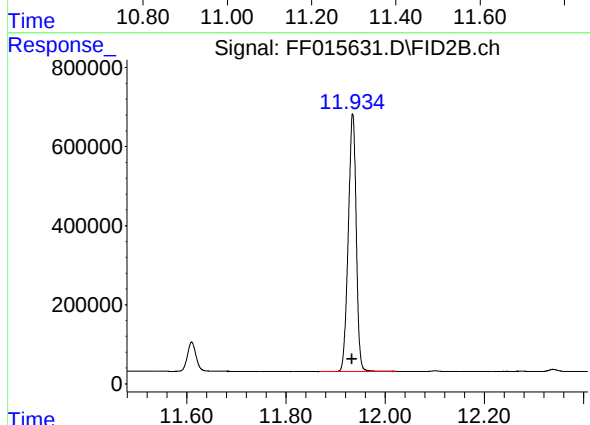
R.T.: 11.171 min
Delta R.T.: -0.005 min
Response: 6781201
Conc: 52.13 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167058BSD



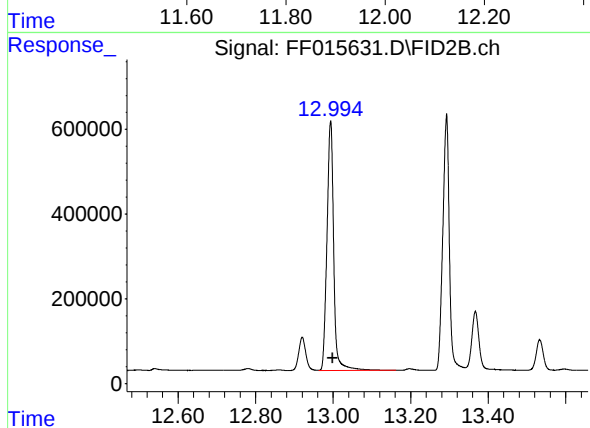
#10 Anthracene (C19.43)

R.T.: 11.246 min
Delta R.T.: -0.012 min
Response: 6827746
Conc: 54.51 ug/ml



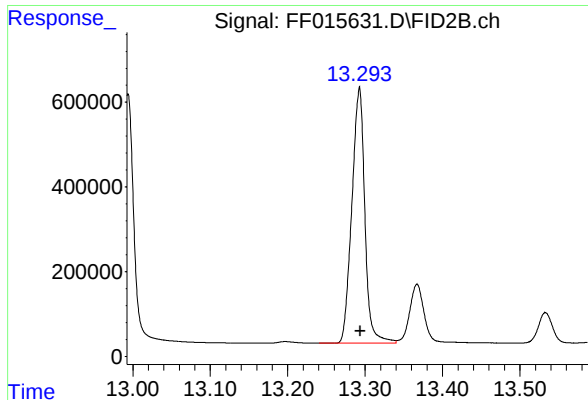
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.001 min
Response: 7259660
Conc: 49.35 ug/ml



#12 Fluoranthene (C21.85)

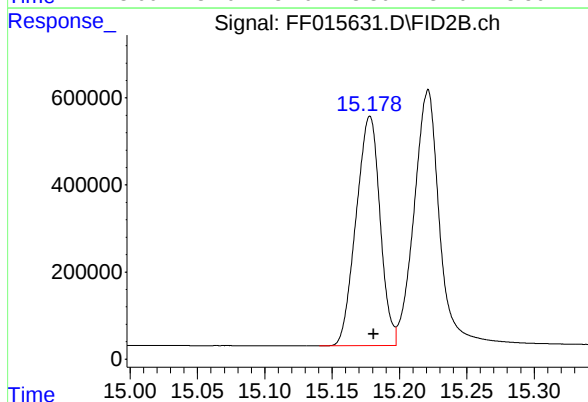
R.T.: 12.993 min
Delta R.T.: -0.005 min
Response: 7078040
Conc: 50.12 ug/ml



#13 Pyrene (C20.8)

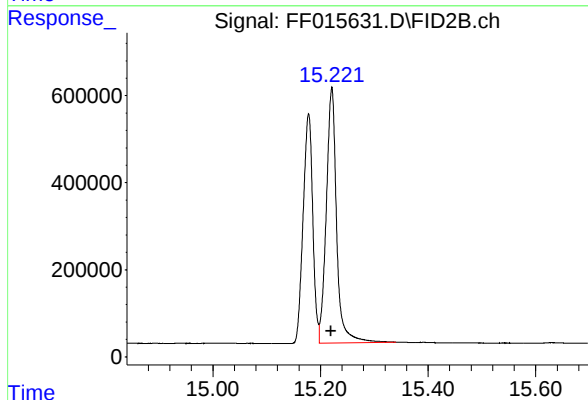
R.T.: 13.292 min
Delta R.T.: -0.002 min
Response: 7020250
Conc: 48.83 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167058BSD



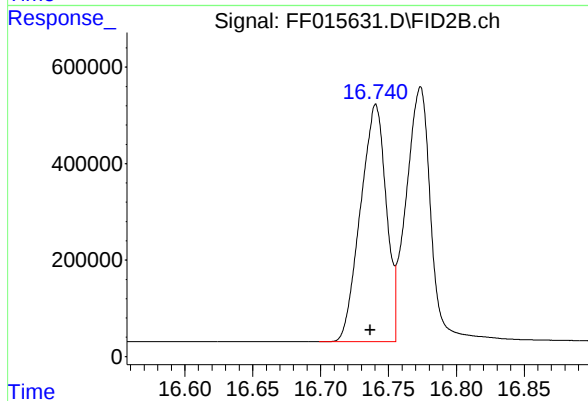
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.178 min
Delta R.T.: -0.003 min
Response: 6514139
Conc: 55.46 ug/ml



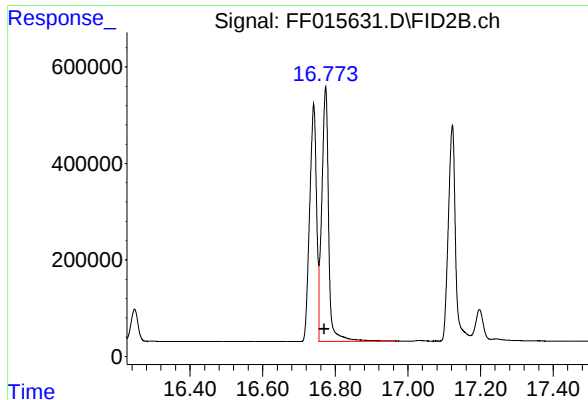
#15 Chrysene (C27.41)

R.T.: 15.221 min
Delta R.T.: 0.001 min
Response: 7816361
Conc: 52.33 ug/ml



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

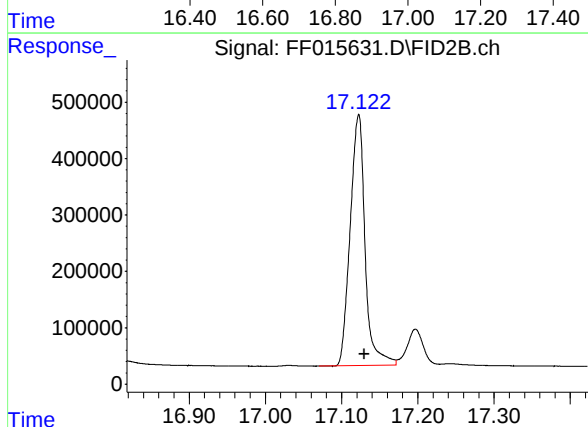
R.T.: 16.740 min
Delta R.T.: 0.004 min
Response: 6492778
Conc: 49.85 ug/ml



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

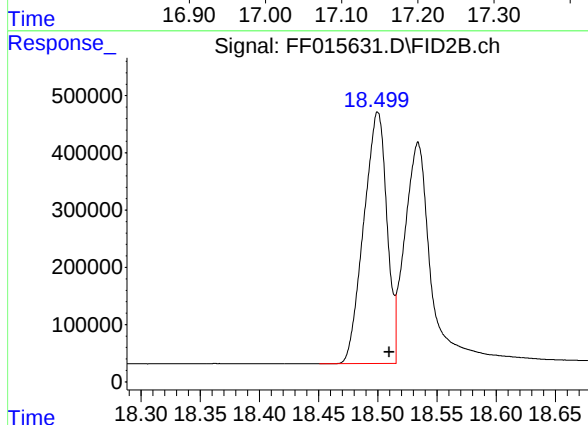
R.T.: 16.773 min
Delta R.T.: 0.004 min
Response: 6889705
Conc: 46.17 ug/ml

Instrument :
FID_F
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PB167058BSD



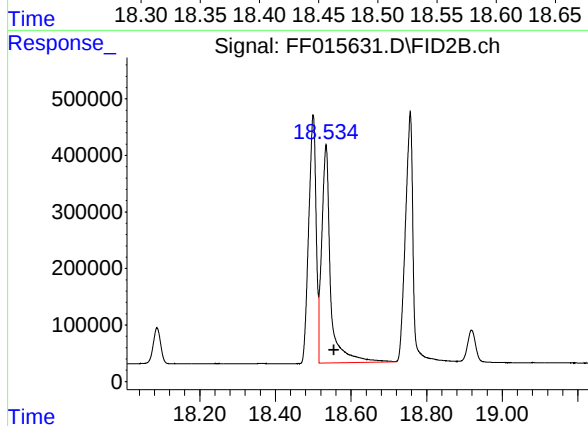
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.122 min
Delta R.T.: -0.008 min
Response: 6032279
Conc: 47.53 ug/ml



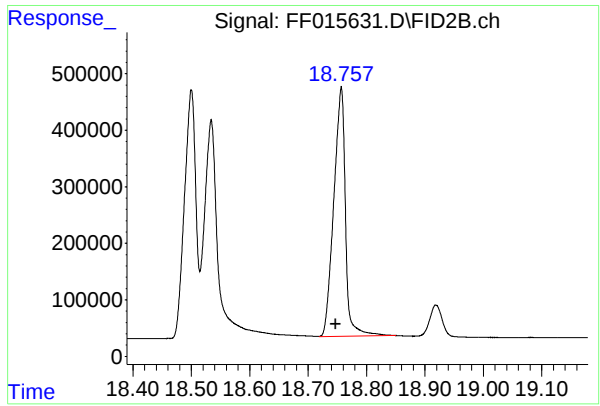
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.500 min
Delta R.T.: -0.010 min
Response: 5980933
Conc: 58.43 ug/ml



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

R.T.: 18.534 min
Delta R.T.: -0.021 min
Response: 6283187
Conc: 48.59 ug/ml



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

R.T.: 18.756 min

Delta R.T.: 0.009 min

Response: 6114763

Conc: 49.14 ug/ml

Instrument :

FID_F

ClientSampleId :

PB167058BSD